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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12042

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: 08/30/2012
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Brianna Peterson

	BP	CM	JLK	SS	LN	CSJ	AJL	RF
1	0.101	0.102	0.101	0.102	0.101	0.102	0.102	0.100
2	0.103	0.102	0.102	0.102	0.101	0.102	0.103	0.101
3	0.101	0.103	0.102	0.102	0.101	0.102	0.102	0.100
4	0.103	0.103	0.101	0.103	0.101	0.102	0.103	0.101
5	0.102	0.103	0.102	0.102	0.101	0.102	0.102	0.101
C	0.098	0.103	0.101	0.102	0.101	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: 0.1018 g/100mL
STANDARD DEVIATION: 0.00082
PRECISION CV (%): 0.81
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0828 g/210L**
EXPANDED UNCERTAINTY: ± 0.0032 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS I
Melissa L. Pemberton — Forensic Scientist Supervisor

9-26-2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BP	Brianna Peterson	Brianna Peterson	08/30/2012
CM	Christie Mitchell-Mata	Christie Mitchell-Mata	09/10/2012
JLK	Justin L. Knoy	[illegible]	09/11/2012
SS	Sarah Swenson	[illegible]	09/12/2012
LN	Lisa Noble	Lisa Noble	09/14/2012
CSJ	Christopher S. Johnston	[illegible]	09/14/2012
AJL	Asa J. Louis	[illegible]	09/17/2012
RF	Rebecca Flaherty	[illegible]	09/18/2012

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 #: 12042 **Date Prepared:** 8/30/2012

Analyst:	BP	CM	JLK	SS	LN	CSJ	AJL	RF
Date Tested:	8/30/2012	9/10/2012	9/11/2012	9/12/2012	9/14/2012	9/14/2012	9/17/2012	9/18/2012
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.101	0.102	0.101	0.102	0.101	0.102	0.102	0.100
2	0.103	0.102	0.102	0.102	0.101	0.102	0.103	0.101
3	0.101	0.103	0.102	0.102	0.101	0.102	0.102	0.100
4	0.103	0.103	0.101	0.103	0.101	0.102	0.103	0.101
5	0.102	0.103	0.102	0.102	0.101	0.102	0.102	0.101
C	0.098	0.103	0.101	0.102	0.101	0.102	0.102	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000653196	0.0002159949	0.0001016326

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

Average Solution Concentration: 0.1018 g/100mL
Standard Deviation: 0.00082 g/100mL
Precision CV (%): 0.81
Equivalent Vapor Concentration: 0.0828 g/210L
Combined Standard Uncertainty (±): 0.0016 g/210L
Expanded Uncertainty (±): 0.0032 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 9/19/12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 9-25-2012 Method: Hand calculations
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 9/24/12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 9-25-2012

Location: WSP-FLSB Seattle, WA Solution Batch Number: E12042

	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: 9-25-2012

Reviewer Signature: N/A AB 9-25-12 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	[illegible]	2012 Sep 4
Brian Capron		
Brianna Peterson	BP	9/19/12
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell-Mata	CM	9/19/12
Christopher Johnston	CJ	9/19/12
Dawn Sklerov		
Justin Knoy	JK	9.21.12
Lisa Noble	LN	9/21/12
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	9.19.12
Sarah Swenson	SMS	9/19/12

Batch # 12042

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 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

Brianna Peterson 9/19/12

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 12042

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

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

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

The external standard solution, Lot Number 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

Christie Mitchell-Mata 9/19/2012

Christie Mitchell-Mata Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

9.21-12

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 12042

I, Sarah M. Swenson, 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 and over nine years of experience in forensic toxicology.

The external standard solution, Lot Number 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

9/19/12

Sarah M. Swenson — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

Lisa Noble 9/21/12

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 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

9/19/12

Christopher S. Johnston — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

2012 Sep 21

Asa J. Louis — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12042

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 12042, was prepared in the Washington State Toxicology Laboratory on 8/30/2012. 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 8/30/2013.

Seattle, WA

09.19.2012

Rebecca Flaherty — 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: 8·30·12 Initials of Preparer: BP

Expiration Date: 8·30·13

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

Date the 200-proof Ethanol bottle was opened: 8/28/12

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	☒	12042

Stir bar is rotating ☒

Stirred for minimum 30 minutes; 2 hours for ESS ☒

Spigot purged ☒

Aliquot taken ☒

Batch labeled, packaged and sealed ☒ 8/30/12 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:

Brianna Peterson
Analyst Signature

8/30/12
Date

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\2\DATA\
Data Subdirectory:	120830B2
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 - P0812

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0612-01 (0.079 g/100mL)
3	Vial 3	E0612-02 (0.158 g/100mL)
4	Vial 4	E0612-03 (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	

12042

BP

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042 #1	SIMALC3	1	Sample		
11	Vial 11	12042 #2	SIMALC3	1	Sample		
12	Vial 12	12042 #3	SIMALC3	1	Sample		
13	Vial 13	12042 #4	SIMALC3	1	Sample		
14	Vial 14	12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

BP

Calibration Table

Calib. Data Modified : Thursday, August 30, 2012 1:55:12 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
1.029	1	1	7.97000e-2	562.77264	1.41620e-4	1		Ethanol
		2	1.59870e-1	1107.31006	1.44377e-4			
		3	3.21590e-1	2206.93945	1.45718e-4			
1.764	1	1	1.20000e-2	863.55078	1.38961e-5	I1		n-Propanol
		2	1.20000e-2	844.60718	1.42078e-5			
		3	1.20000e-2	850.29974	1.41127e-5			

Peak Sum Table

No Entries in table

12042

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Calibration Curves

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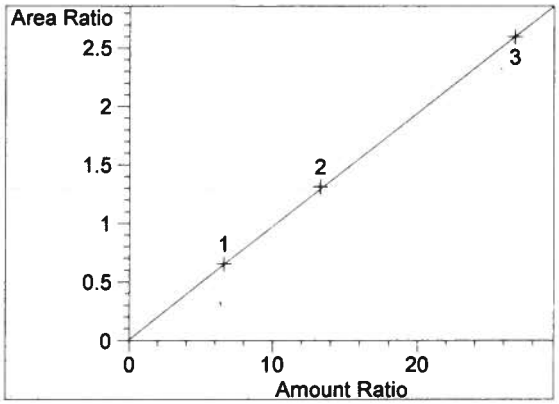
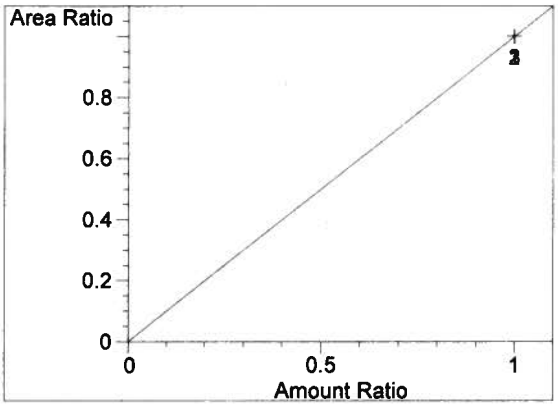


Ethanol at exp. RT: 1.029
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.01202
Formula: y = mx + b
m: 9.68270e-2
b: 7.56555e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.764
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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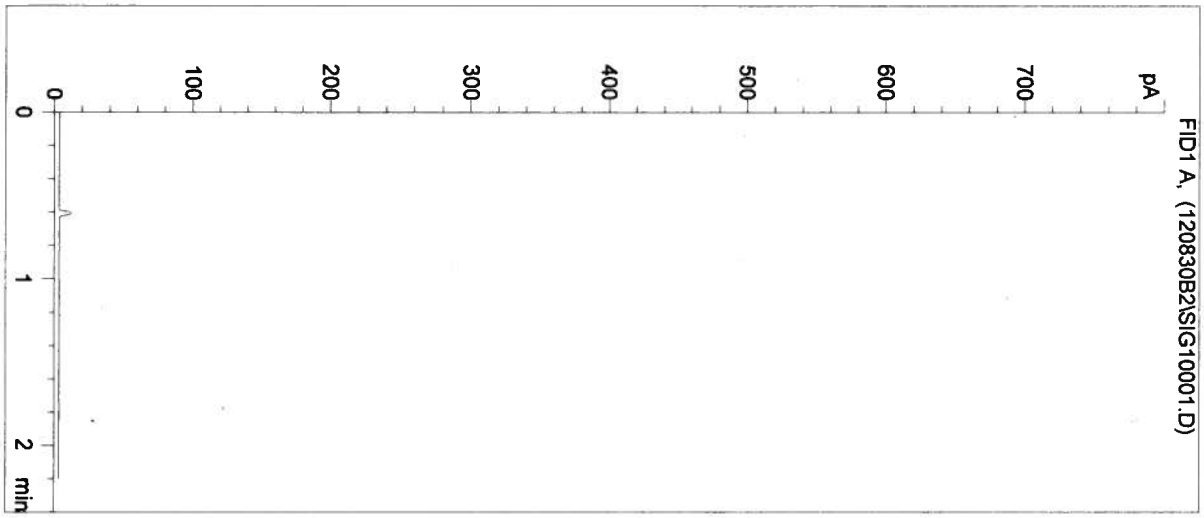
12042

BP

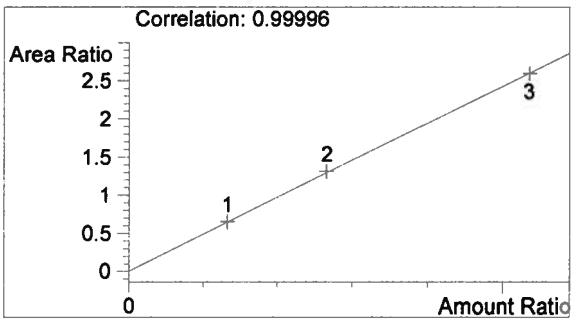
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:43:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

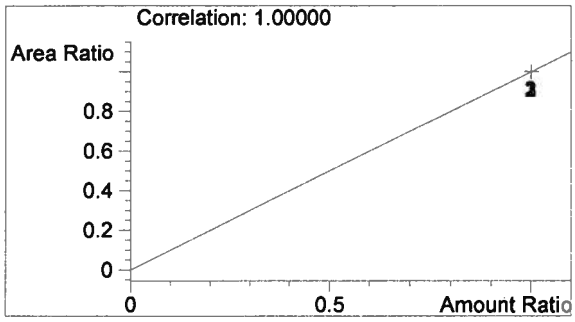
Sample Name: blank
Operator: Brianna Peterson
Location: Vial 1



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



Ethanol 0.000 g/100mL



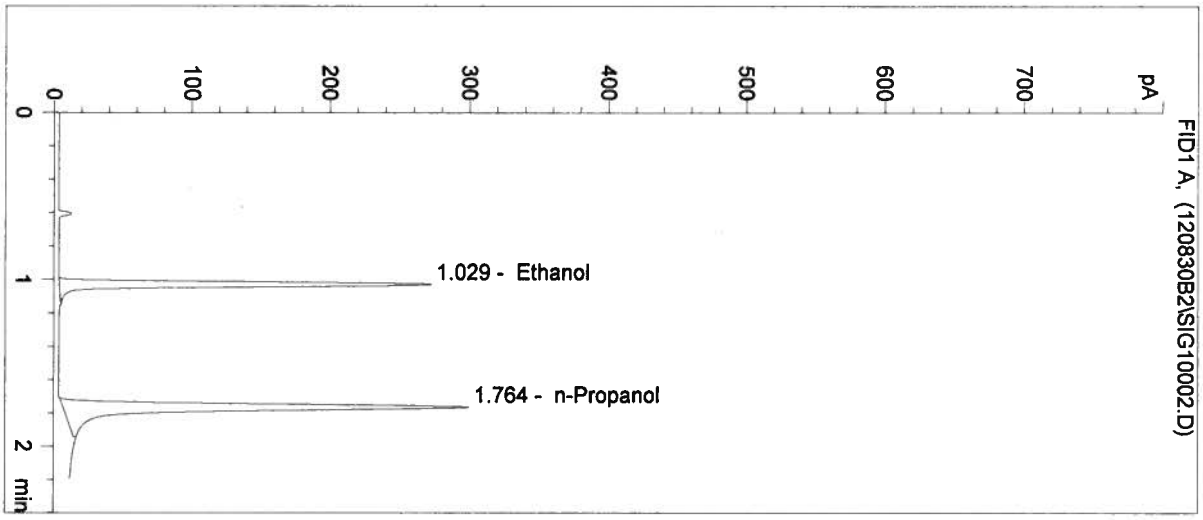
n-Propanol 0.000 g/100mL

12042

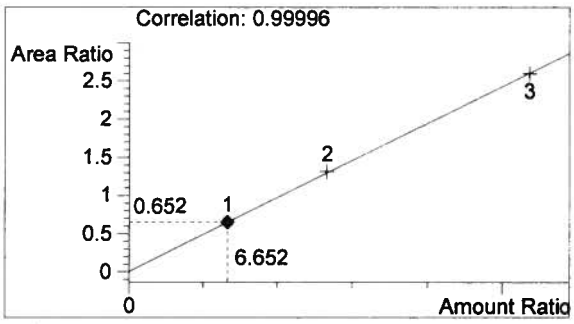
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:46:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-01 (0.079 g/100mL)

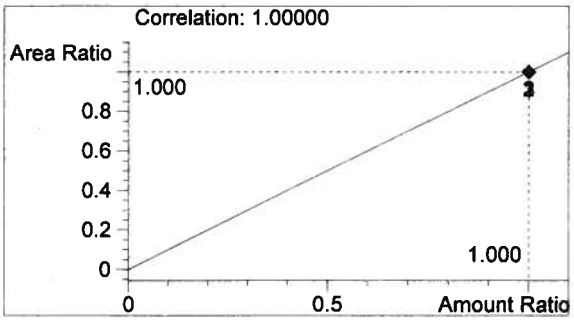
Sample Name: 0.079 CAL 1
Operator: Brianna Peterson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	563	1.029
2	n-Propanol	864	1.764



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

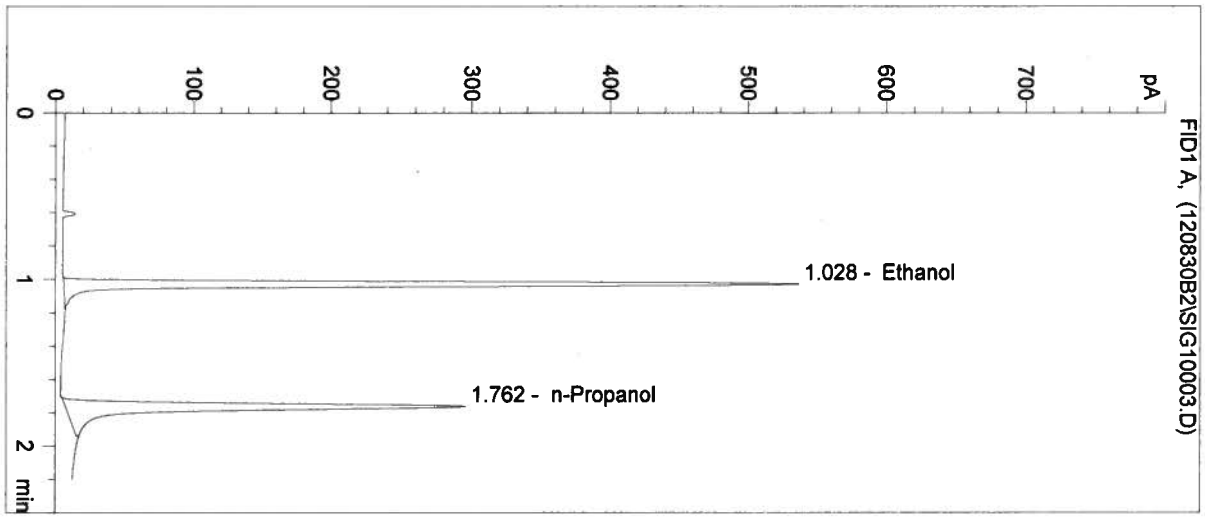
12042

BC

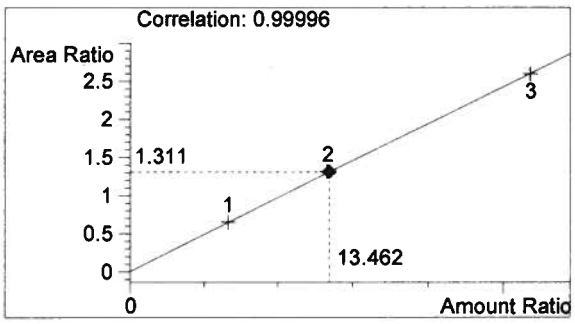
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:49:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-02 (0.158 g/100mL)

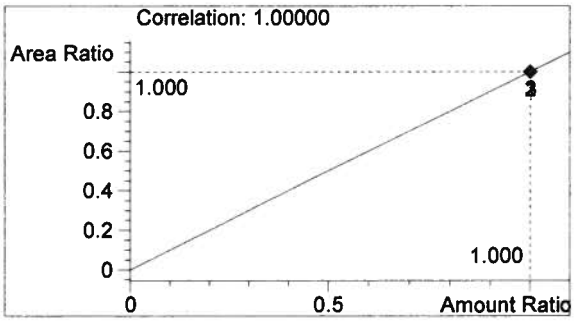
Sample Name: 0.158 CAL 2
Operator: Brianna Peterson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.028
2	n-Propanol	845	1.762



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

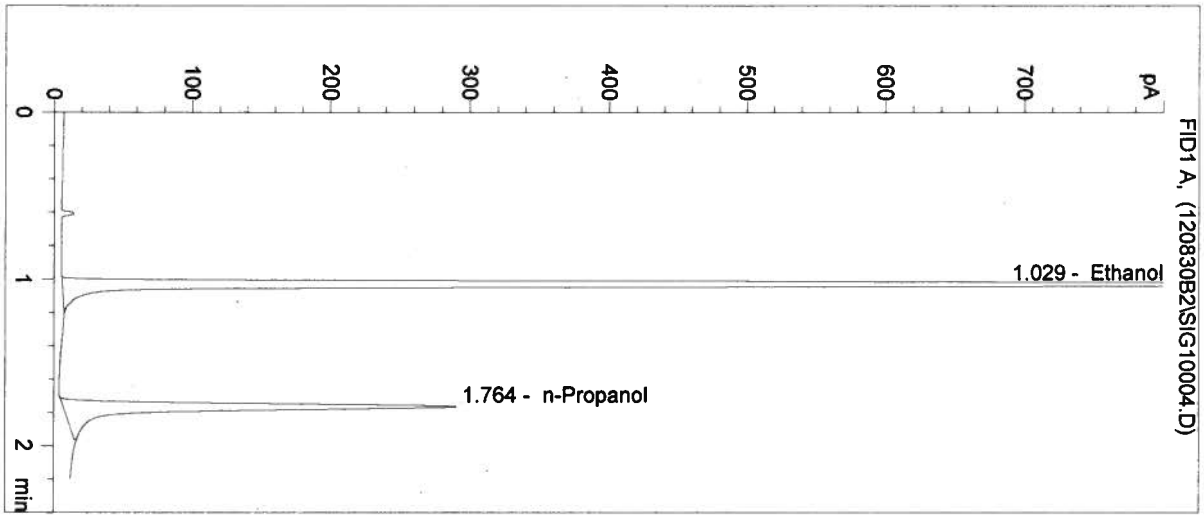
12042

BP

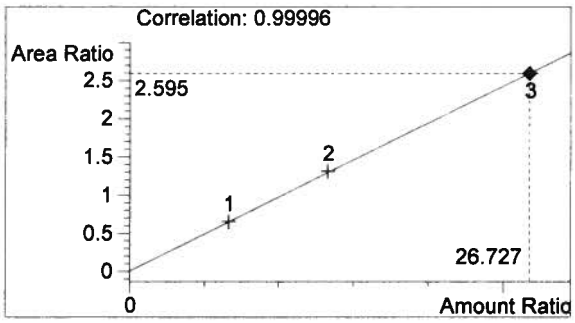
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:52:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-03 (0.316 g/100mL)

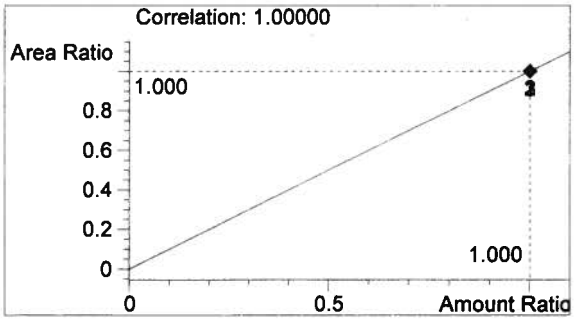
Sample Name: 0.316 CAL 3
Operator: Brianna Peterson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2207	1.029
2	n-Propanol	850	1.764



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

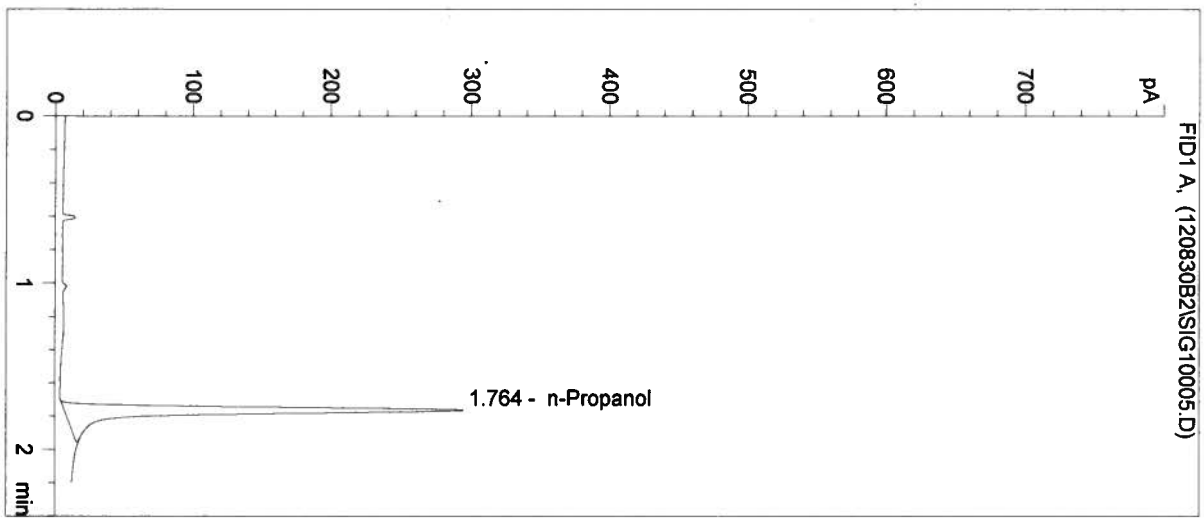
12042

BP

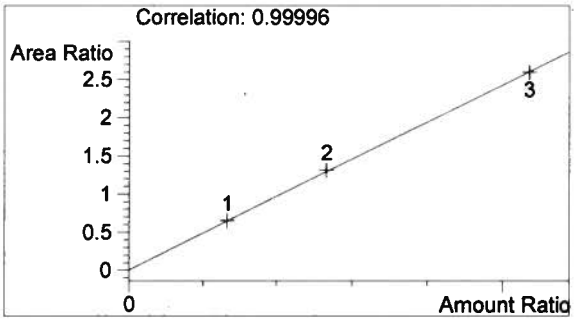
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:55:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

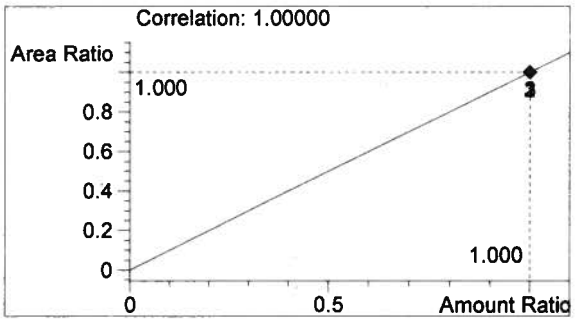
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	856	1.764



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

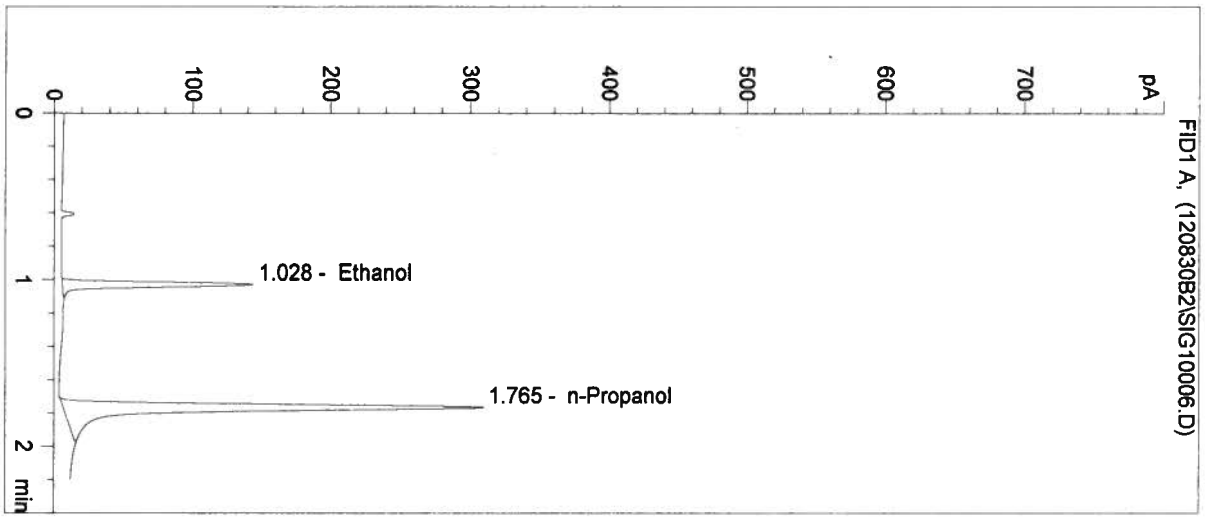
12042

BP

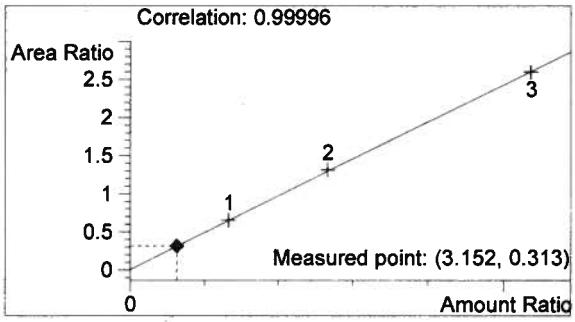
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 1:58:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

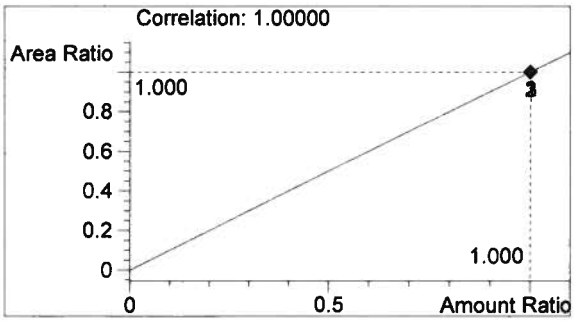
Sample Name: 0.04 CTRL - BP
Operator: Brianna Peterson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	286	1.028
2	n-Propanol	914	1.765



Ethanol 0.038 g/100mL



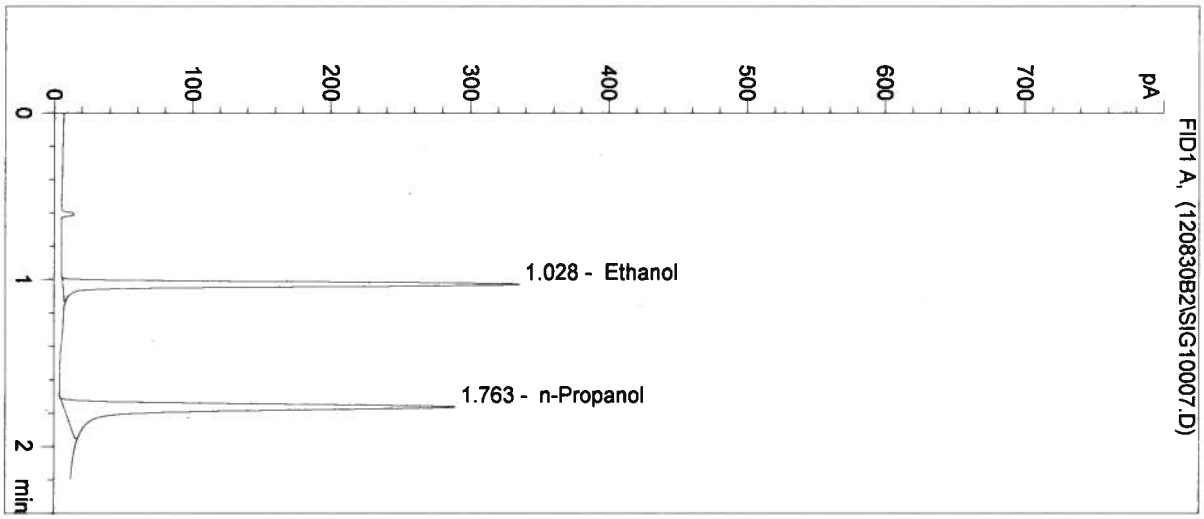
n-Propanol 0.012 g/100mL

12042

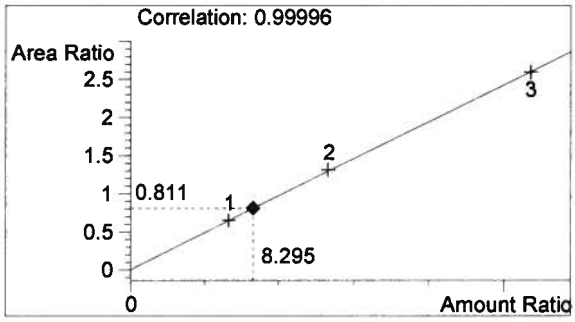
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:02:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

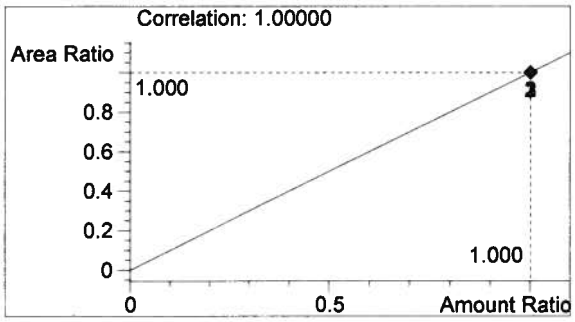
Sample Name: 0.10 CTRL - BP
Operator: Brianna Peterson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.028
2	n-Propanol	840	1.763



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

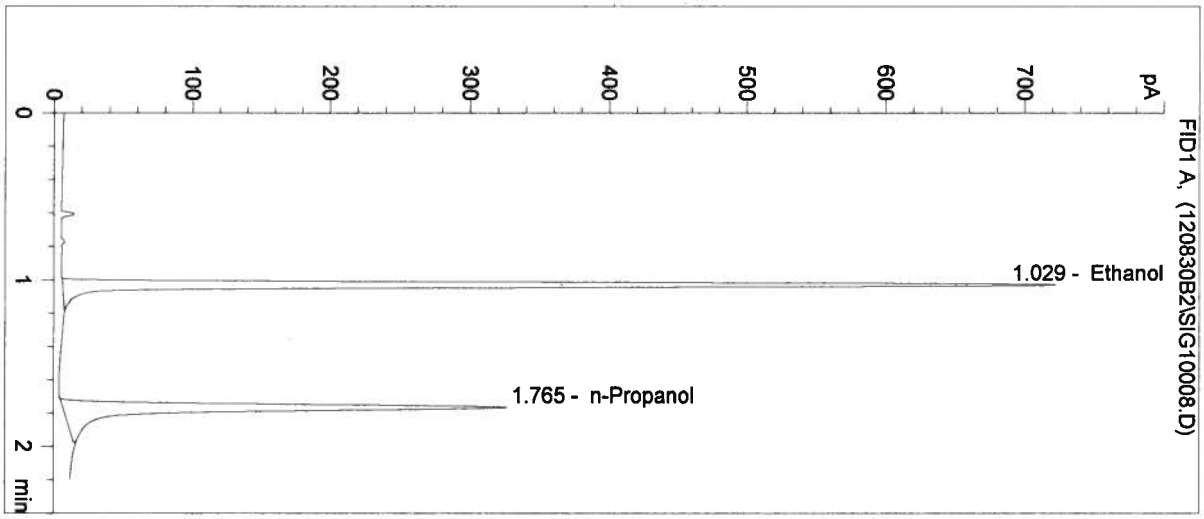
12042

BL

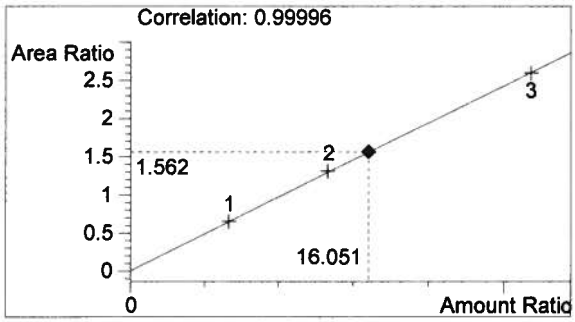
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:05:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

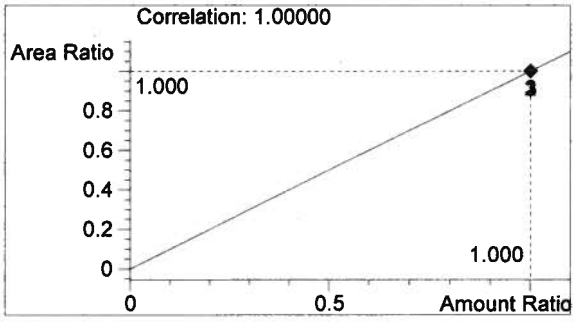
Sample Name: 0.20 CTRL - BP
Operator: Brianna Peterson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1509	1.029
2	n-Propanol	966	1.765



Ethanol 0.193 g/100mL



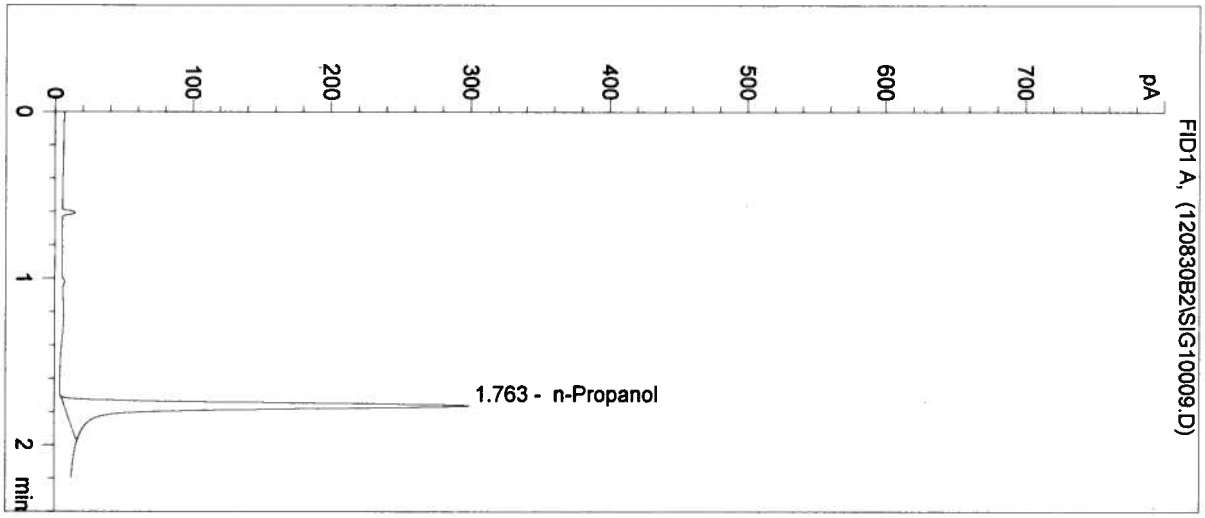
n-Propanol 0.012 g/100mL

12042

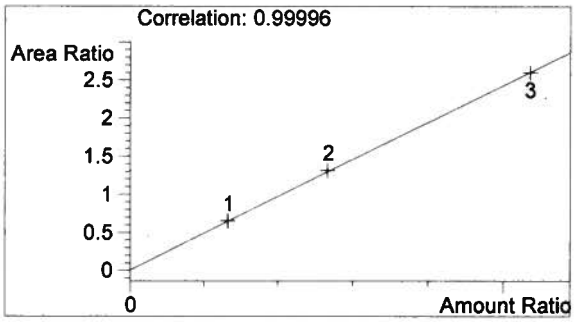
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:08:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

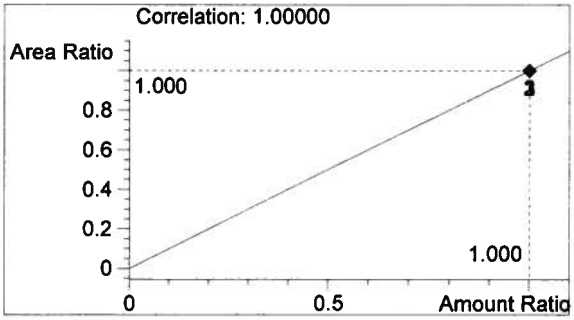
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	877	1.763



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

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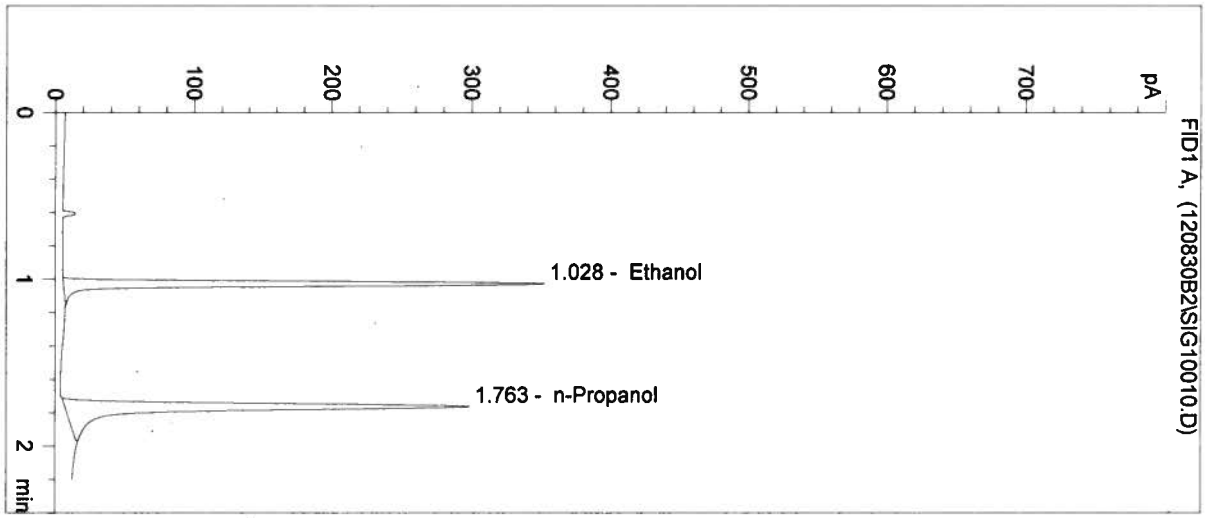
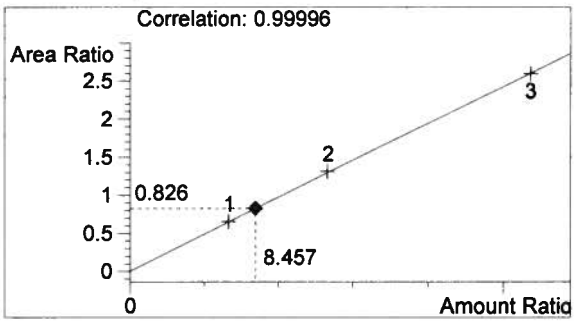
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:11:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

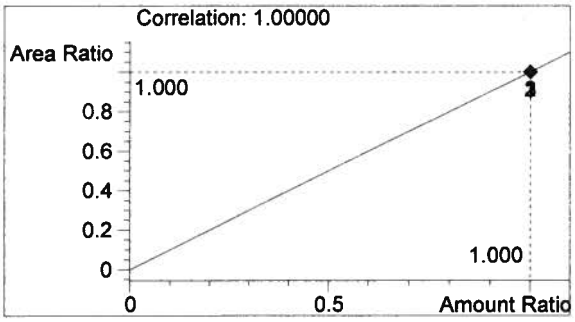
Sample Name: 12042 #1
Operator: Brianna Peterson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.028
2	n-Propanol	875	1.763



Ethanol 0.101 g/100mL



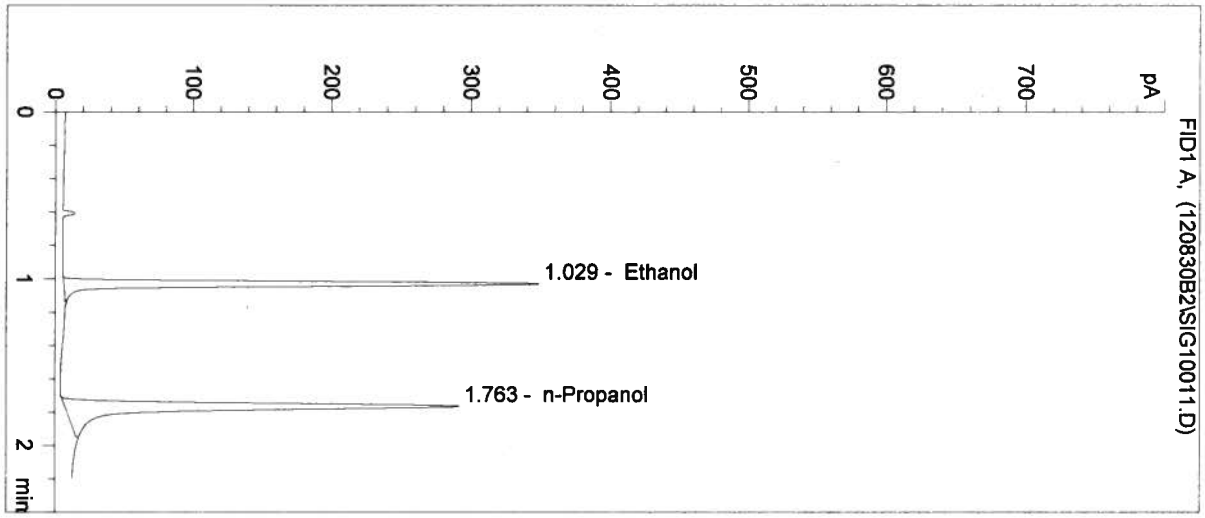
n-Propanol 0.012 g/100mL

BL

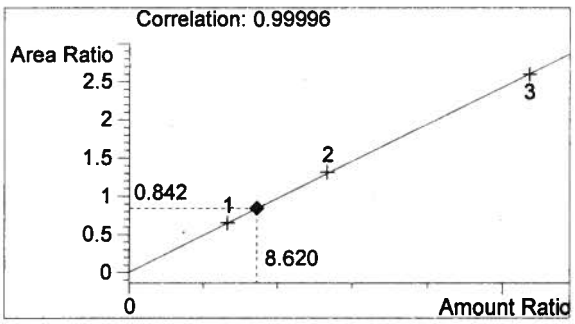
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:14:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

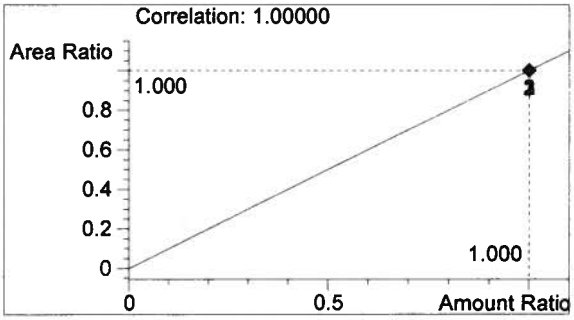
Sample Name: 12042 #2
Operator: Brianna Peterson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.029
2	n-Propanol	841	1.763



Ethanol 0.103 g/100mL



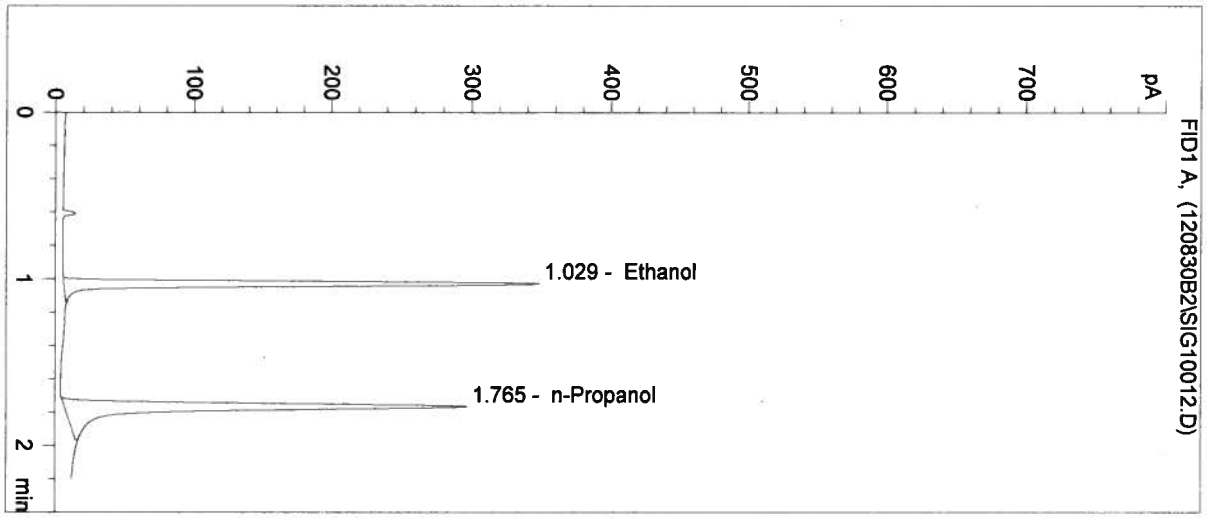
n-Propanol 0.012 g/100mL

BC

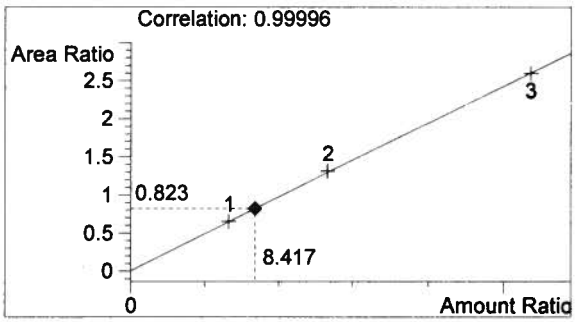
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:17:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

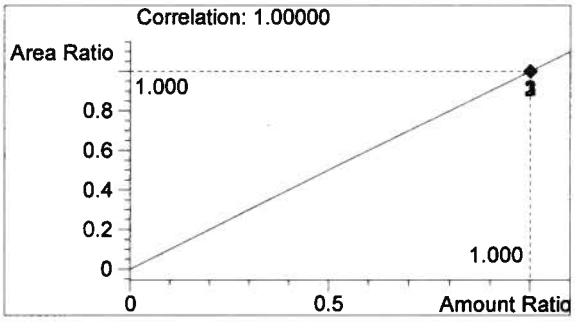
Sample Name: 12042 #3
Operator: Brianna Peterson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.029
2	n-Propanol	873	1.765



Ethanol 0.101 g/100mL



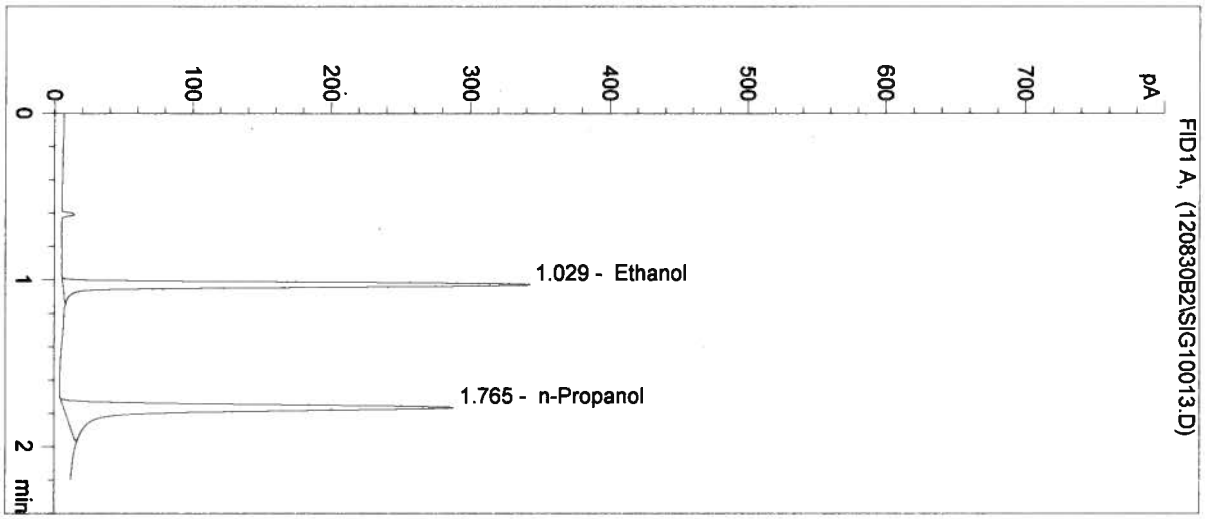
n-Propanol 0.012 g/100mL

BP

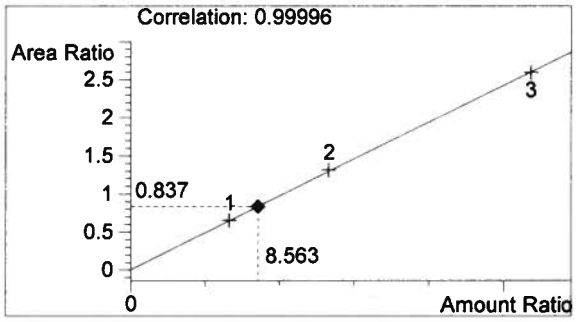
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:20:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

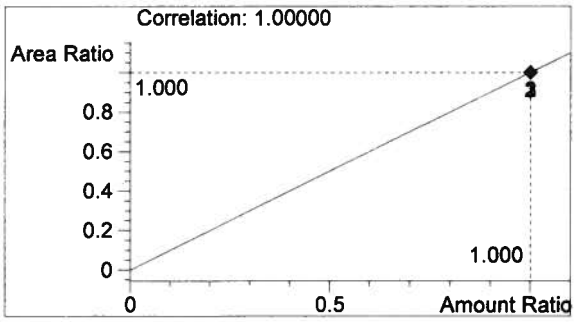
Sample Name: 12042 #4
Operator: Brianna Peterson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.029
2	n-Propanol	845	1.765



Ethanol 0.103 g/100mL



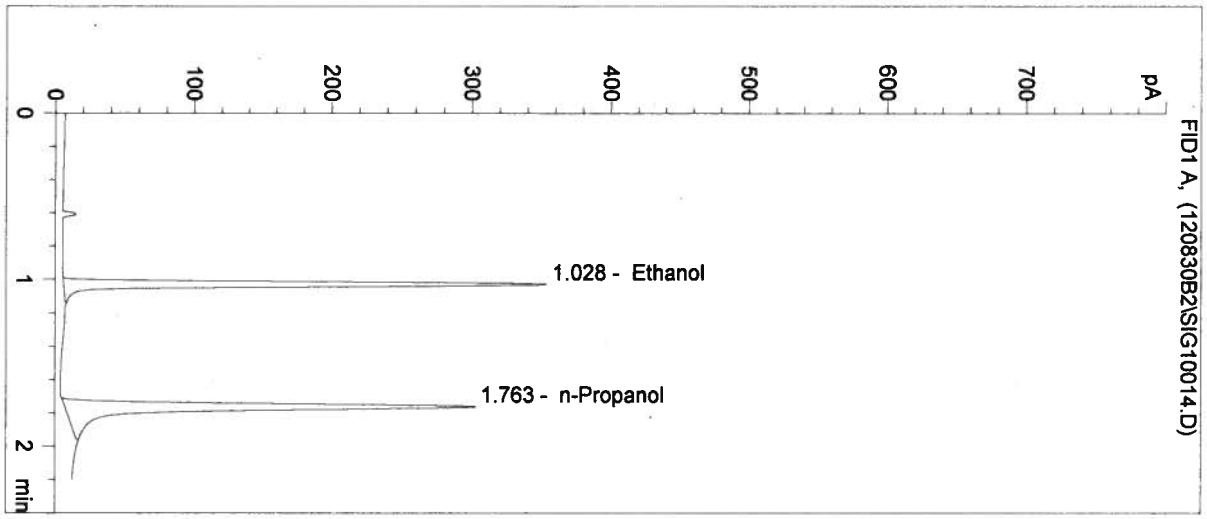
n-Propanol 0.012 g/100mL

BP

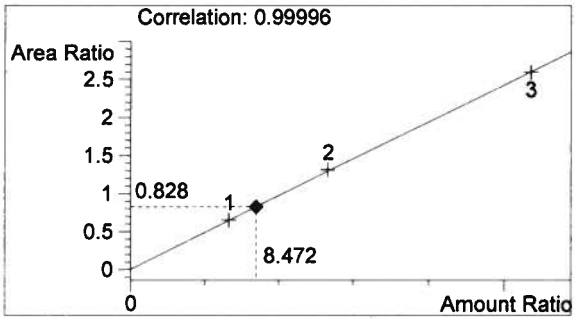
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:23:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

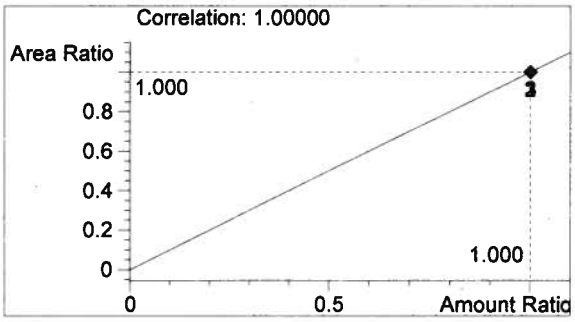
Sample Name: 12042 #5
Operator: Brianna Peterson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.028
2	n-Propanol	882	1.763



Ethanol 0.102 g/100mL



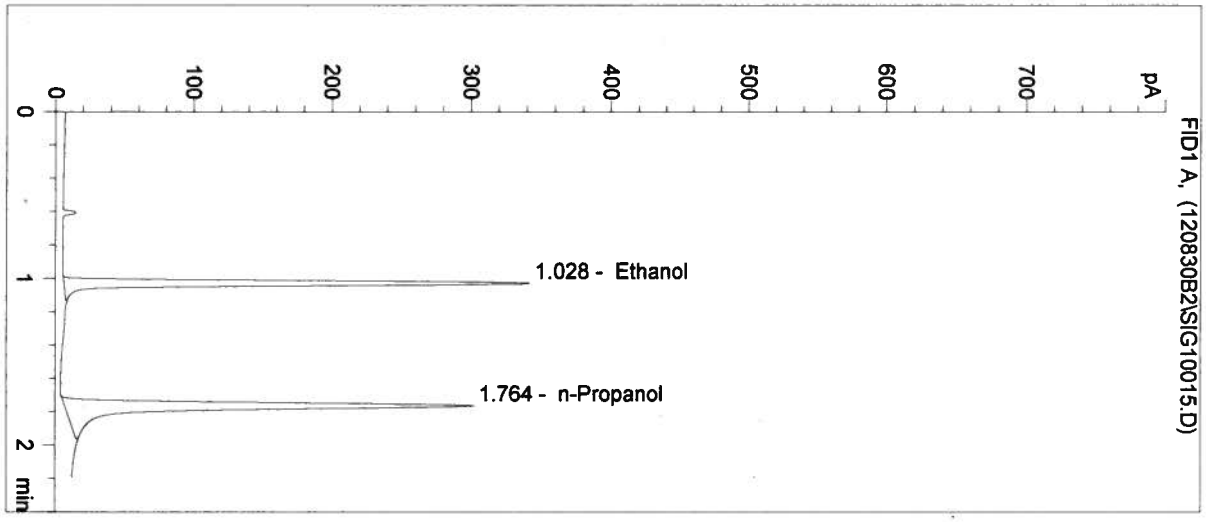
n-Propanol 0.012 g/100mL

BP

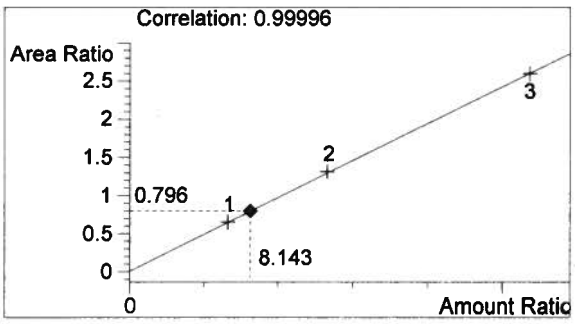
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:27:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

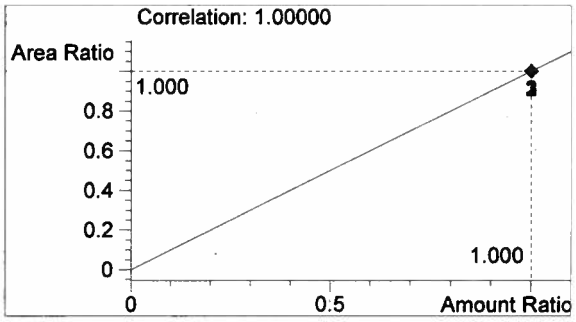
Sample Name: 0.10 CTRL - BP
Operator: Brianna Peterson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.028
2	n-Propanol	884	1.764



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

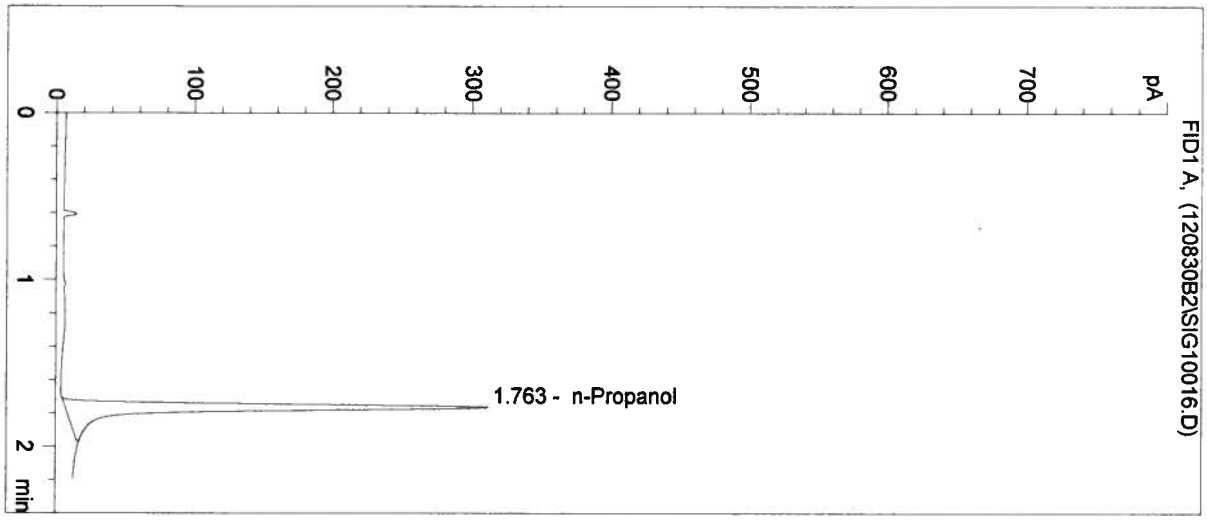
12042

BP

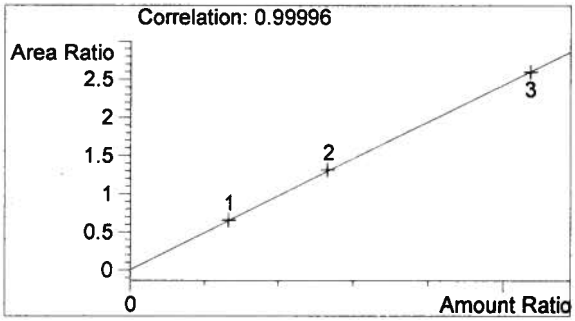
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/30/2012 2:30:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

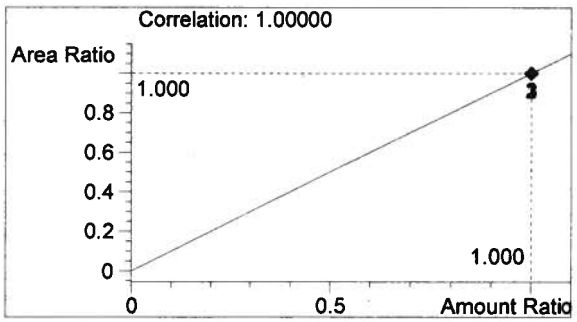
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	913	1.763



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

BP

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120910CM
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

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E0612-01 Exp. 9/25/12
3	Vial 3	Lot#E0612-02 Exp. 9/25/12
4	Vial 4	Lot#E0612-03 Exp. 9/25/12
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	

12042

CM

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

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042 #1	SIMALC3	1	Sample		
11	Vial 11	12042 #2	SIMALC3	1	Sample		
12	Vial 12	12042 #3	SIMALC3	1	Sample		
13	Vial 13	12042 #4	SIMALC3	1	Sample		
14	Vial 14	12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

Calibration Table

Calib. Data Modified : Monday, September 10, 2012 2:05:00 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
1.026	1	1	7.97000e-2	553.55145	1.43979e-4	1		Ethanol
		2	1.59870e-1	1111.30017	1.43859e-4			
		3	3.21590e-1	2241.10229	1.43496e-4			
1.756	1	1	1.20000e-2	1421.87512	8.43956e-6	I1		n-Propanol
		2	1.20000e-2	1424.47522	8.42415e-6			
		3	1.20000e-2	1434.78748	8.36361e-6			

Peak Sum Table

No Entries in table

12042

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Calibration Curves

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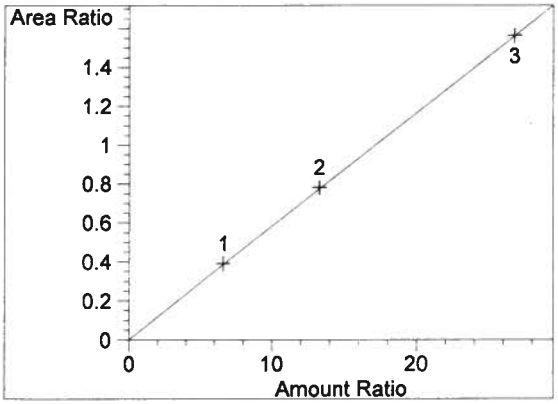
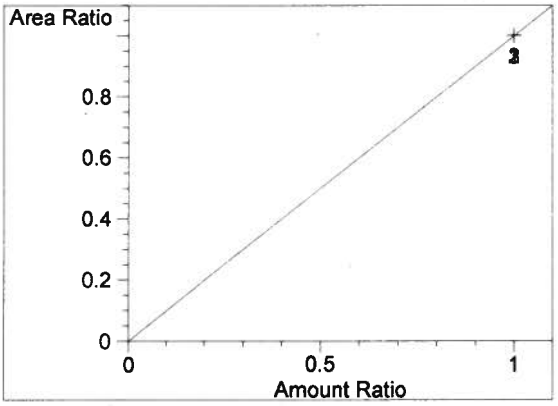


Ethanol at exp. RT: 1.026
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00219
Formula: y = mx + b
m: 5.82713e-2
b: 1.61816e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.756
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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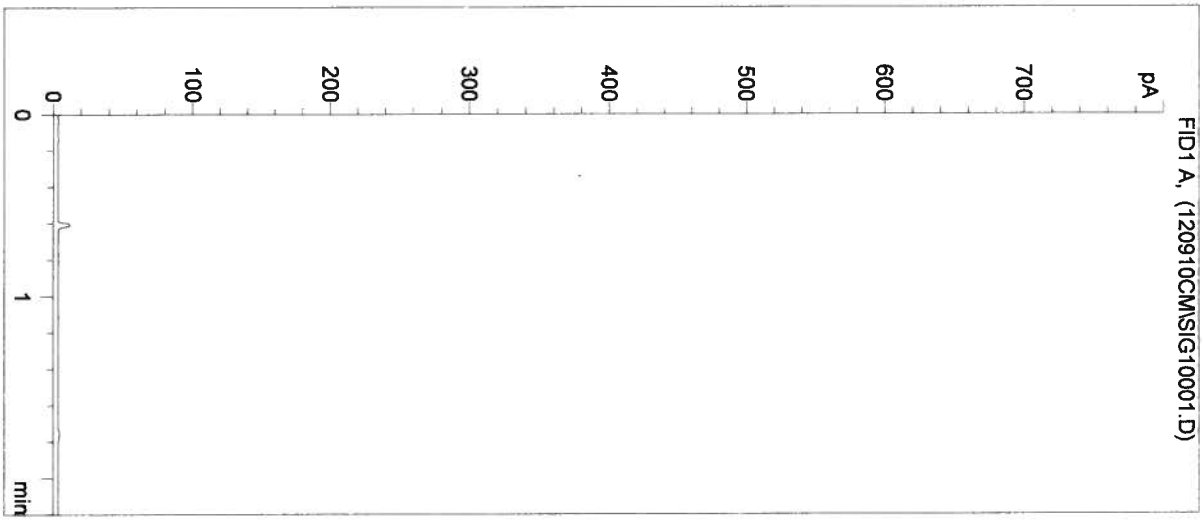
12042

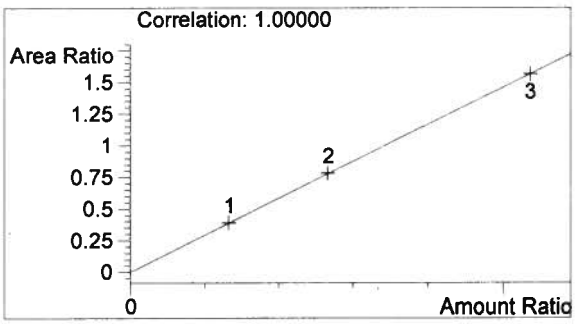
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 1:53:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

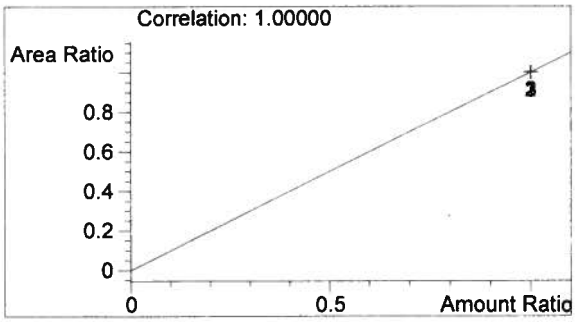
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

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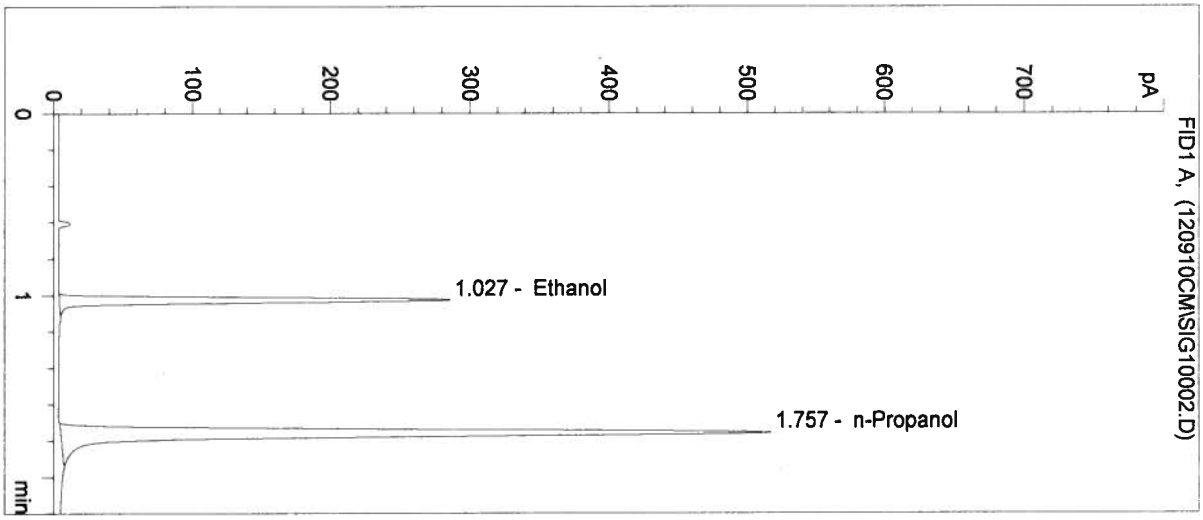
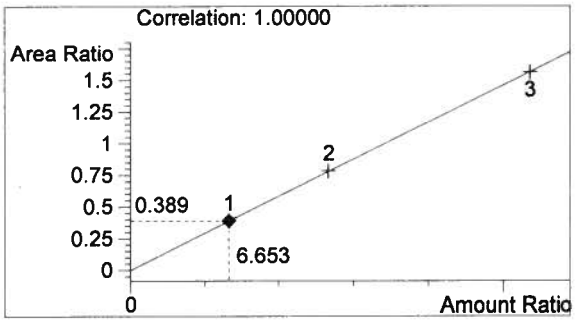
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 1:56:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Lot#E0612-01 Exp. 9/25/12

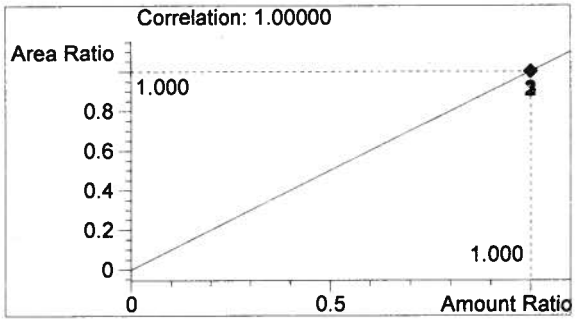
Sample Name: 0.079 CAL
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	554	1.027
2	n-Propanol	1422	1.757



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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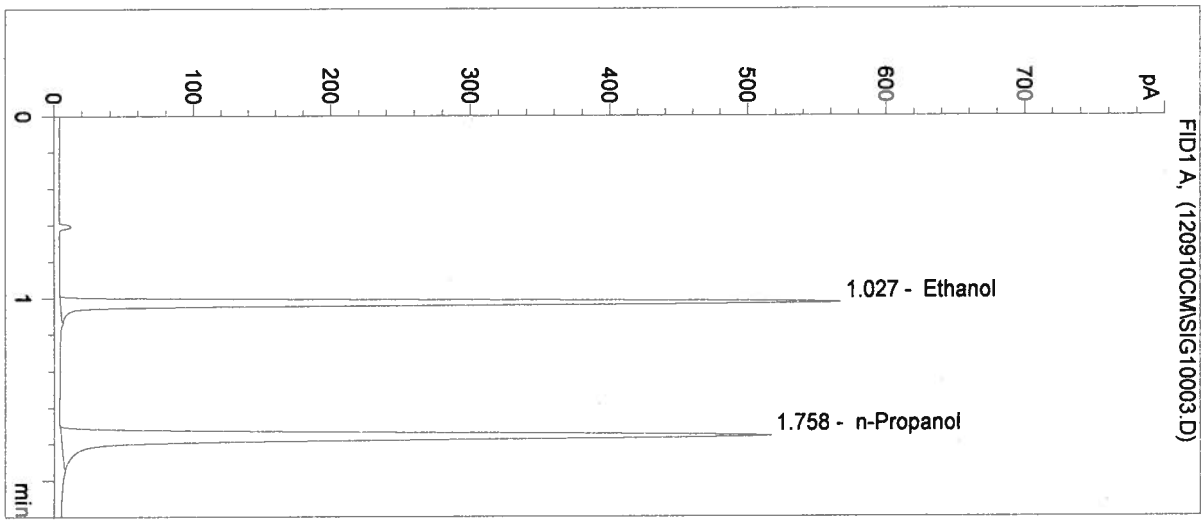
Data File: C:\HPCHEM\2\DATA\120910CM\SIG10002.D

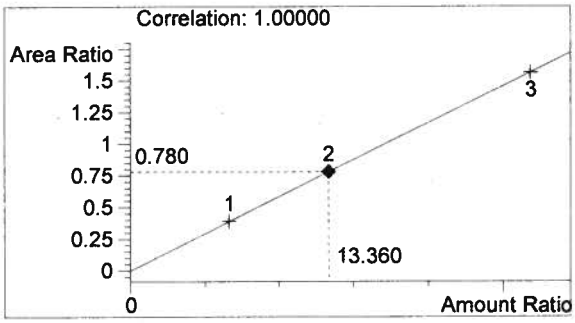
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 1:59:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Lot#E0612-02 Exp. 9/25/12

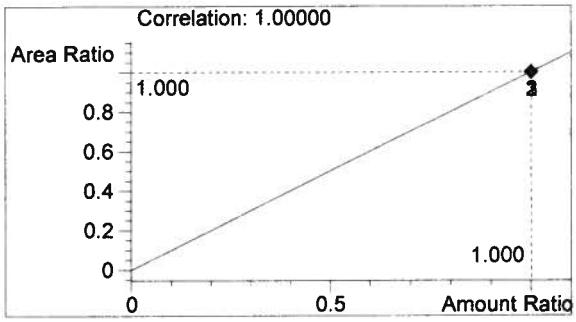
Sample Name: 0.158 CAL
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1111	1.027
2	n-Propanol	1424	1.758



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

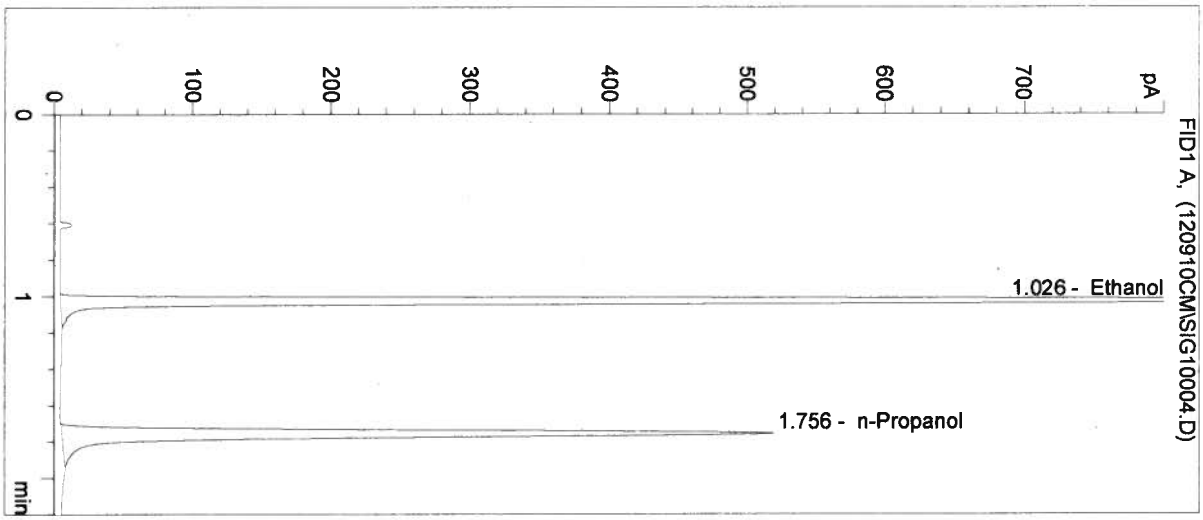
12042

Data File: C:\HPCHEM\2\DATA\120910CM\SIG10003.D

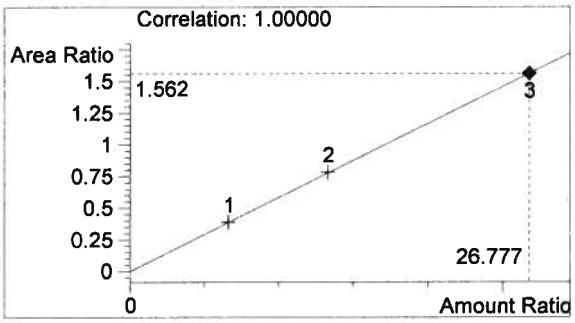
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:02:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Lot#E0612-03 Exp. 9/25/12

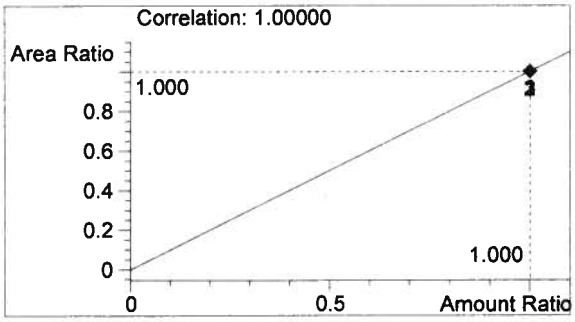
Sample Name: 0.316 CAL
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2241	1.026
2	n-Propanol	1435	1.756



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

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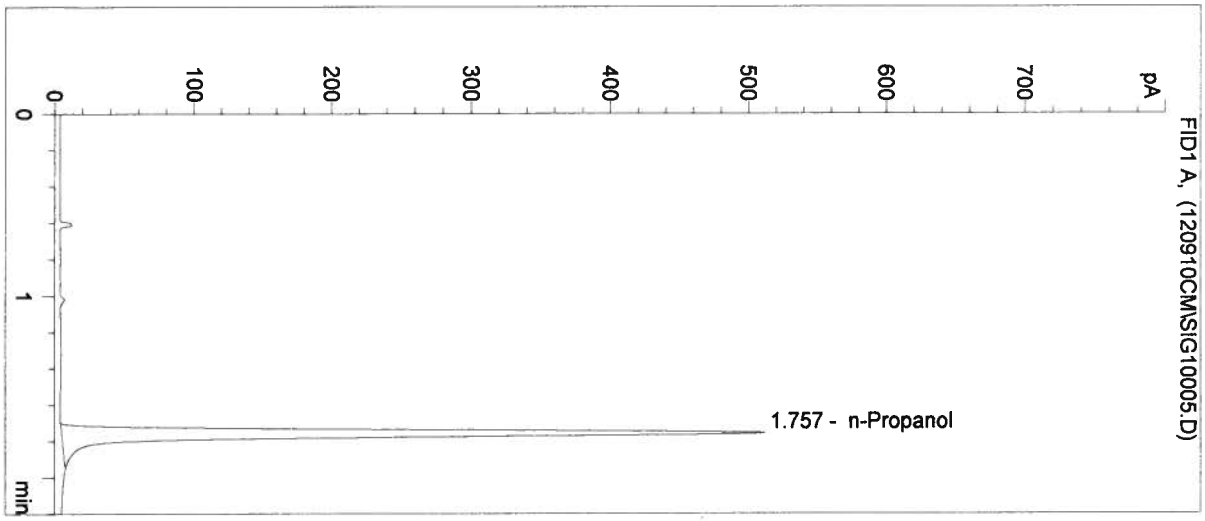
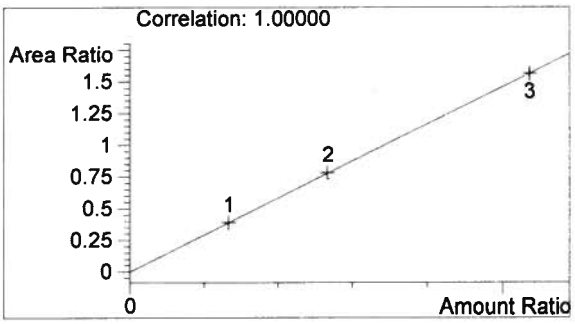
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:05:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

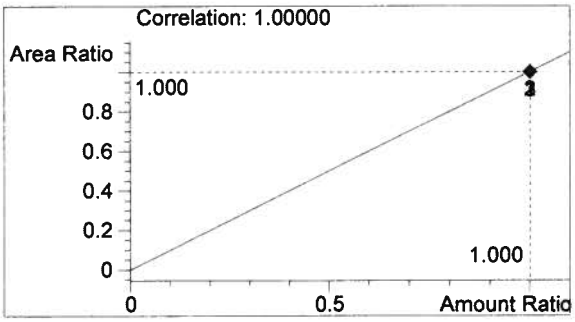
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1416	1.757



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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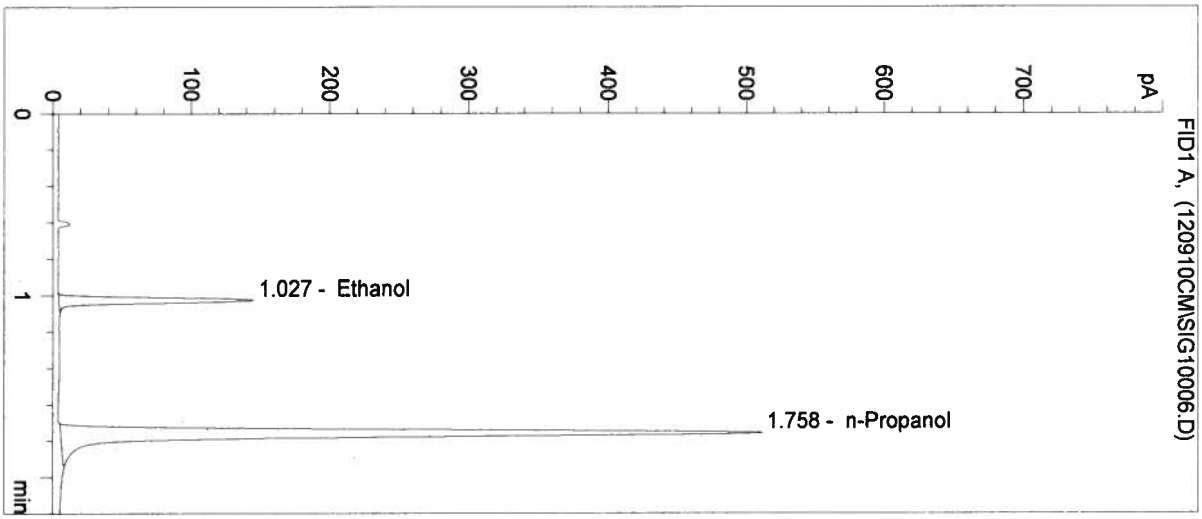
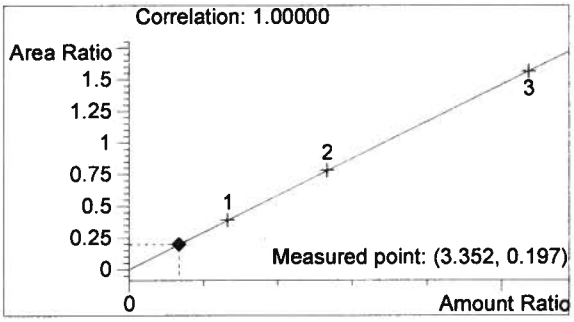
Inj. Date: 9/10/2012 2:09:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

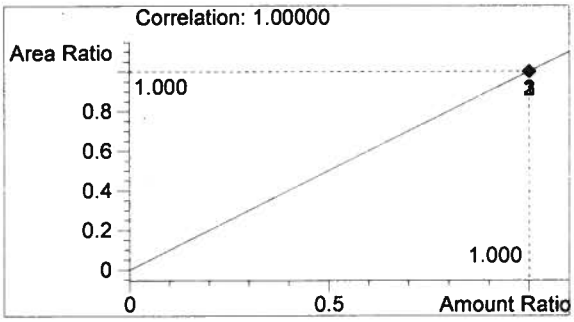
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	278	1.027
2	n-Propanol	1411	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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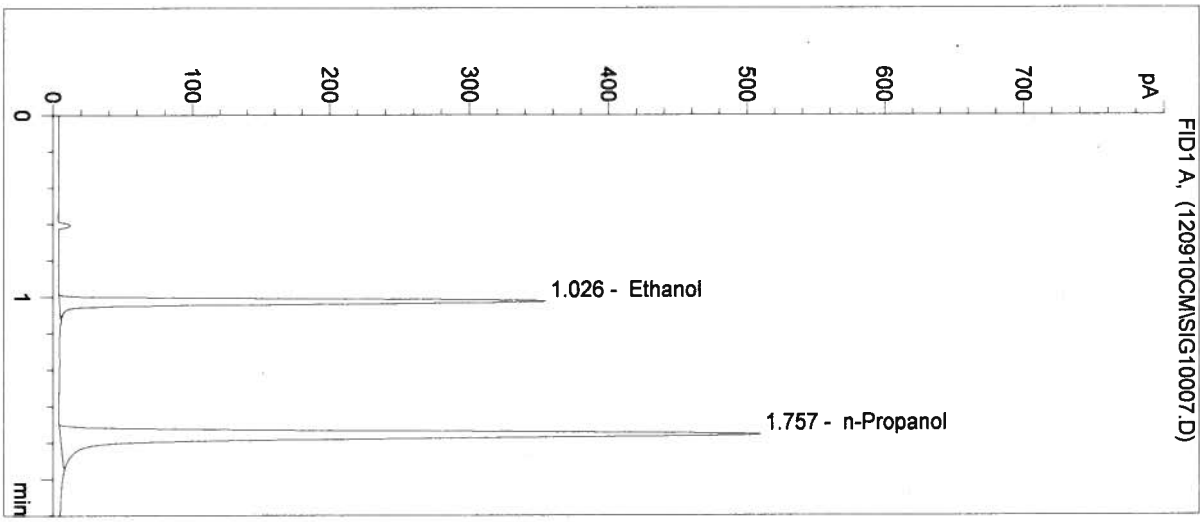
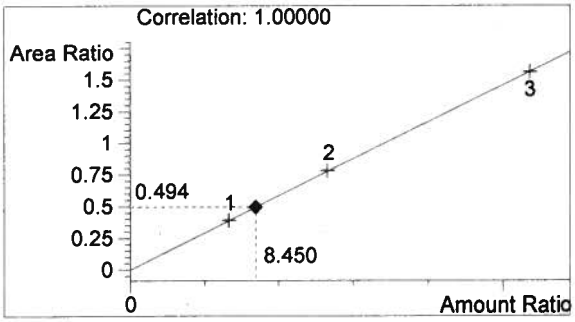
Inj. Date: 9/10/2012 2:12:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

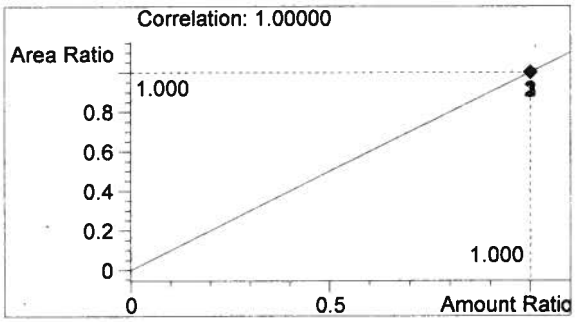
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.026
2	n-Propanol	1411	1.757



Ethanol 0.101 g/100mL



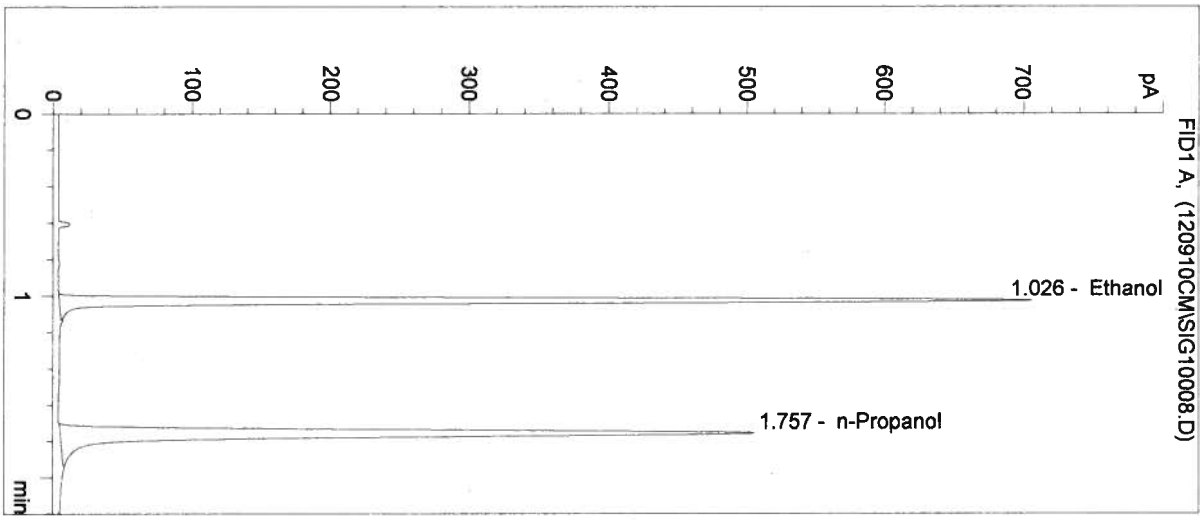
n-Propanol 0.012 g/100mL

12042

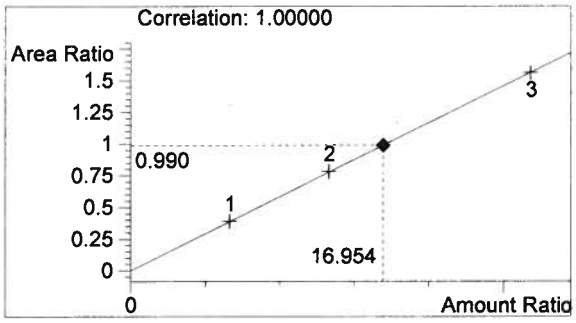
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:15:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

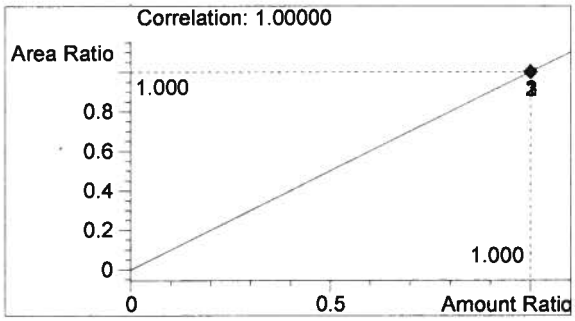
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1383	1.026
2	n-Propanol	1398	1.757



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

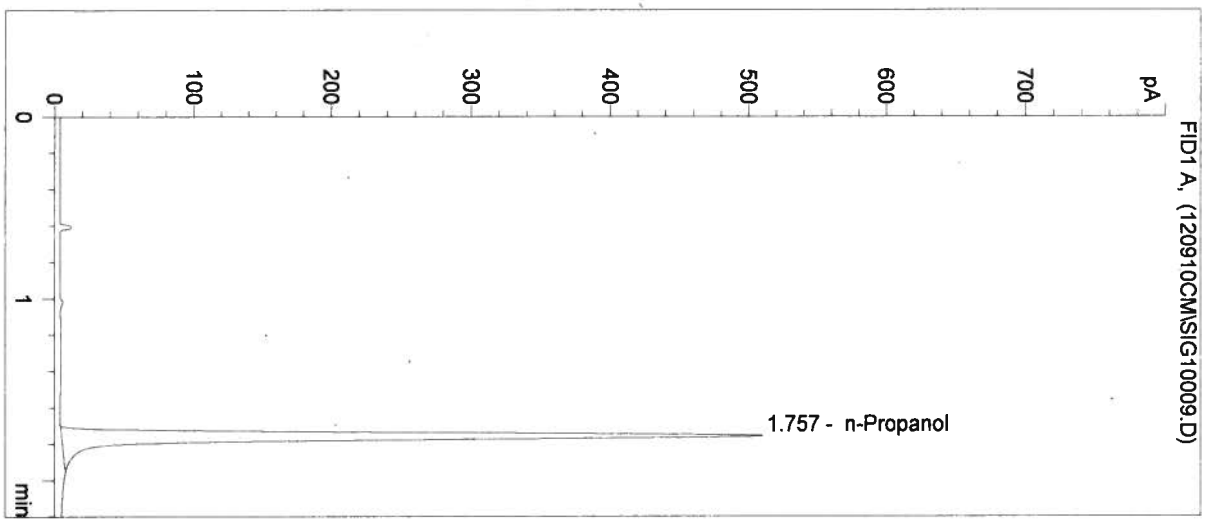
12042

Data File: C:\HPCHEM\2\DATA\120910CM\SIG10008.D

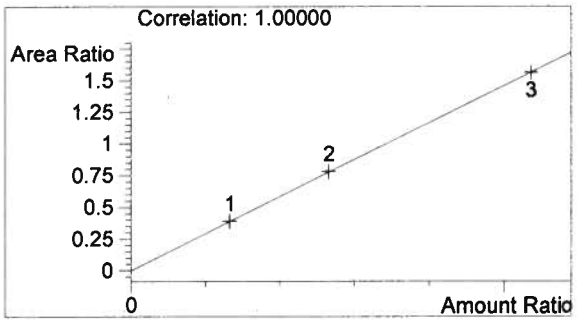
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:18:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

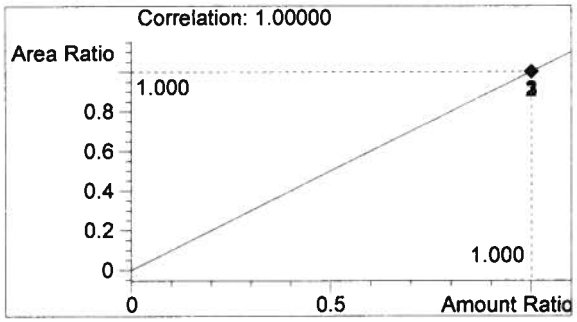
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1410	1.757



Ethanol 0.000 g/100mL



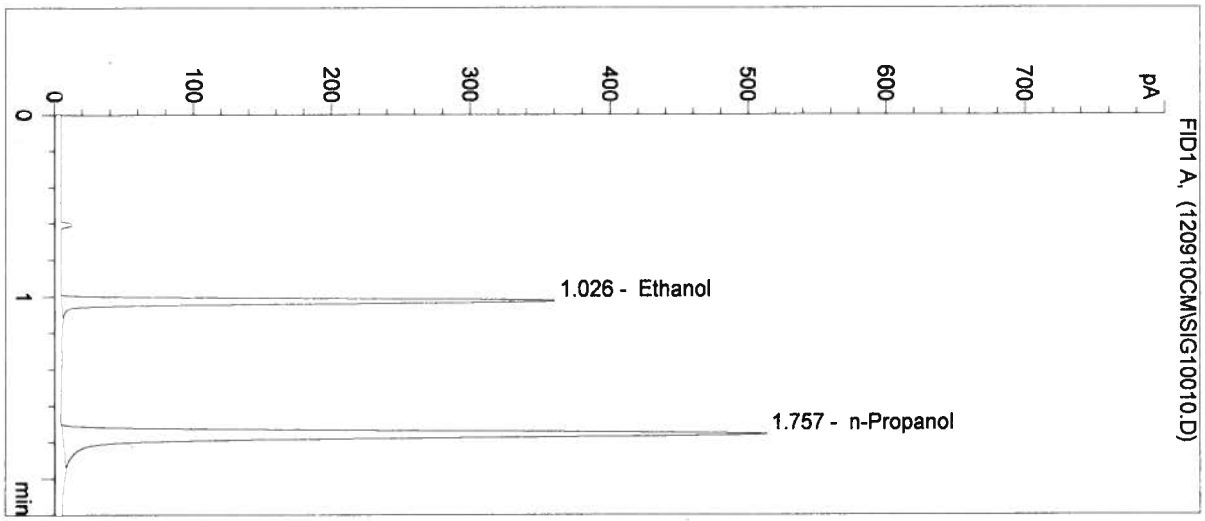
n-Propanol 0.012 g/100mL

12042

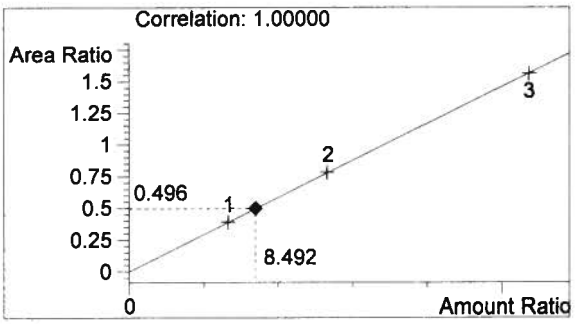
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:21:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

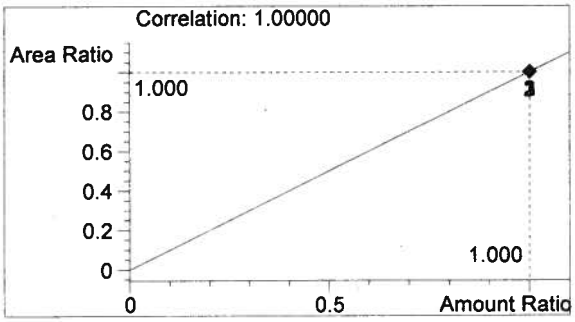
Sample Name: 12042 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.026
2	n-Propanol	1422	1.757



Ethanol 0.102 g/100mL



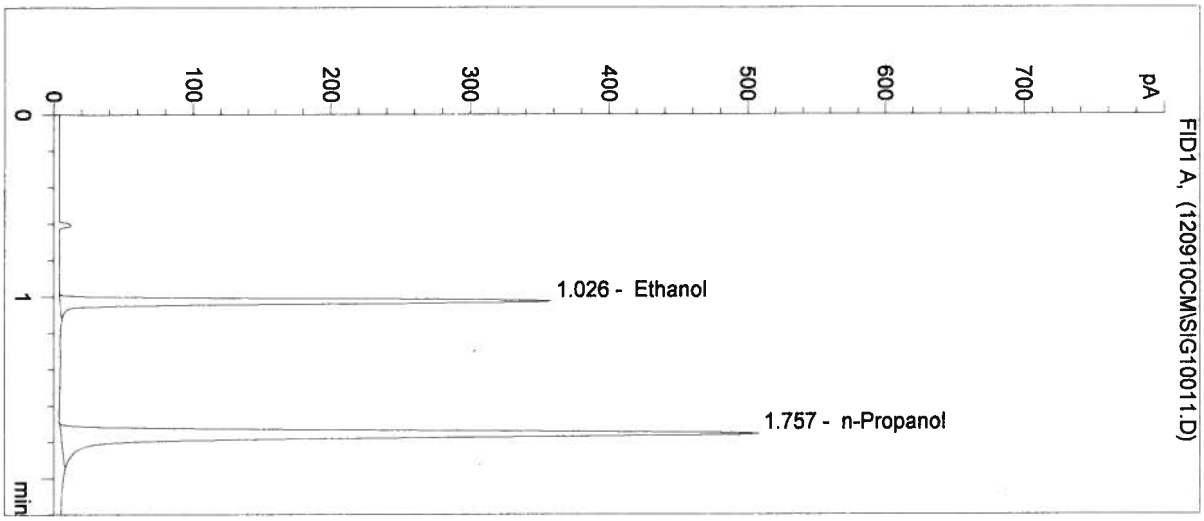
n-Propanol 0.012 g/100mL

CM

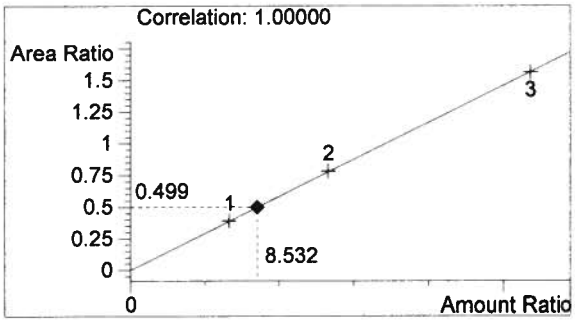
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:24:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

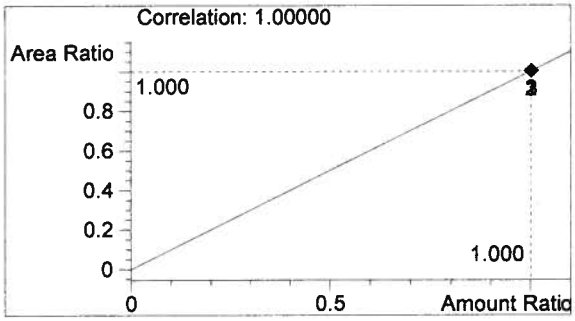
Sample Name: 12042 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.026
2	n-Propanol	1409	1.757



Ethanol 0.102 g/100mL

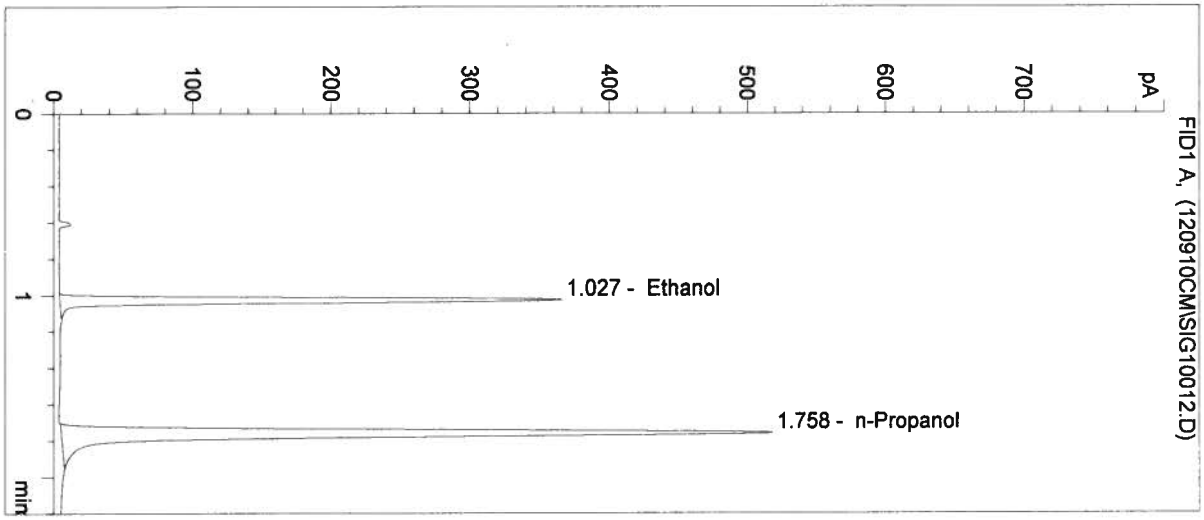


n-Propanol 0.012 g/100mL

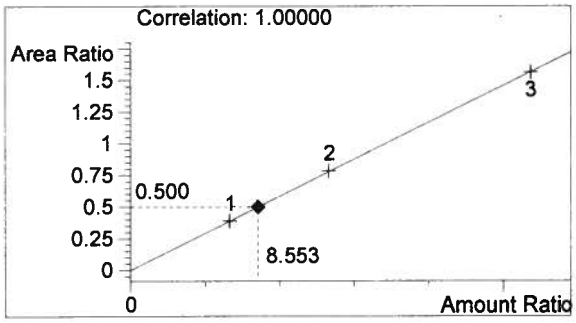
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:27:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

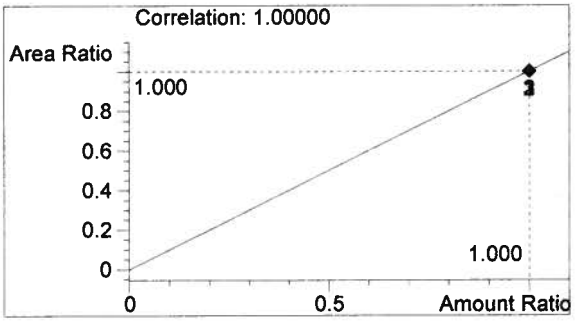
Sample Name: 12042 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1436	1.758



Ethanol 0.103 g/100mL

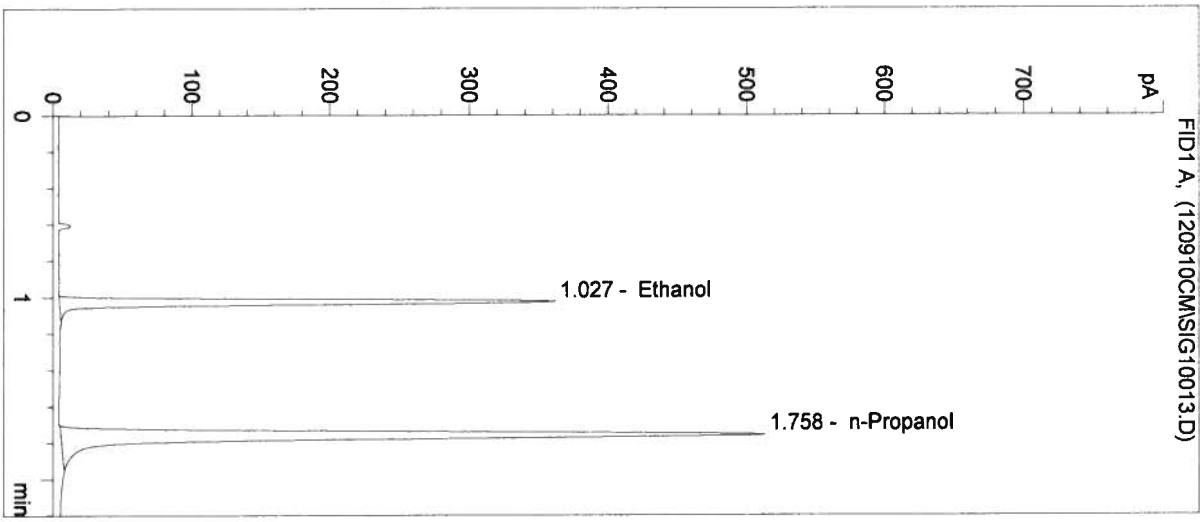


n-Propanol 0.012 g/100mL

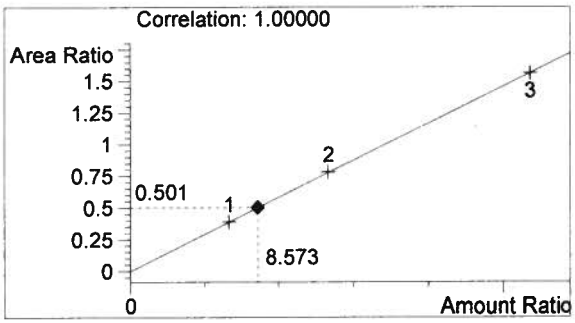
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:30:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

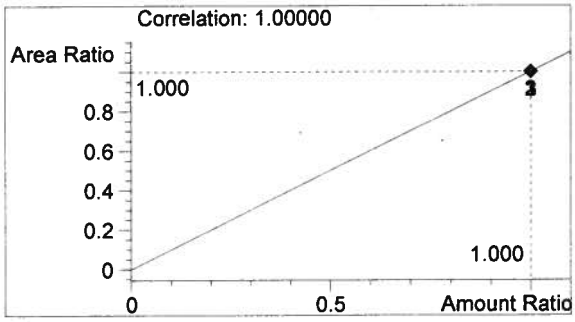
Sample Name: 12042 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.027
2	n-Propanol	1416	1.758



Ethanol 0.103 g/100mL



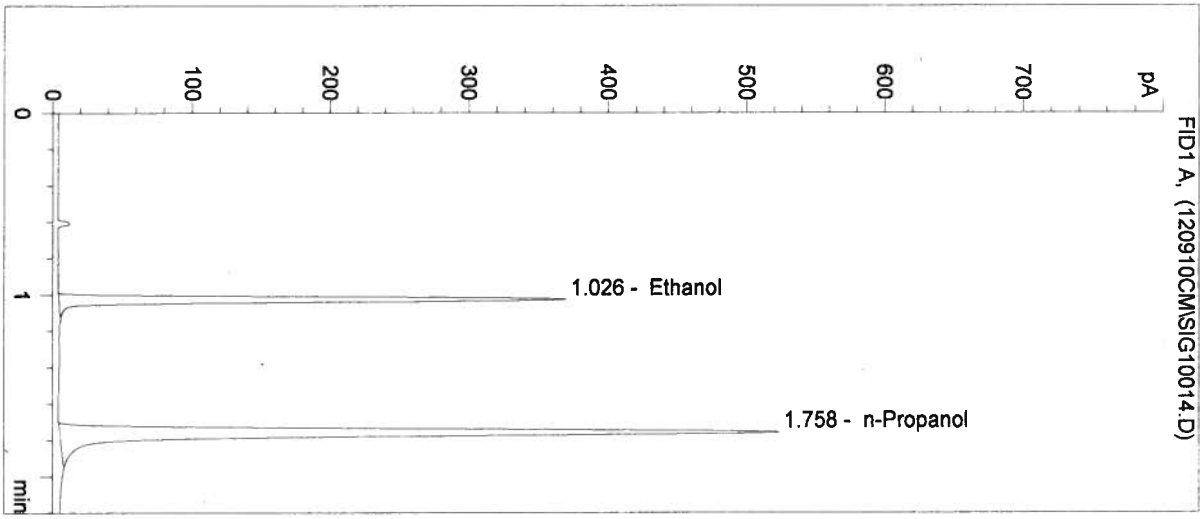
n-Propanol 0.012 g/100mL

CM

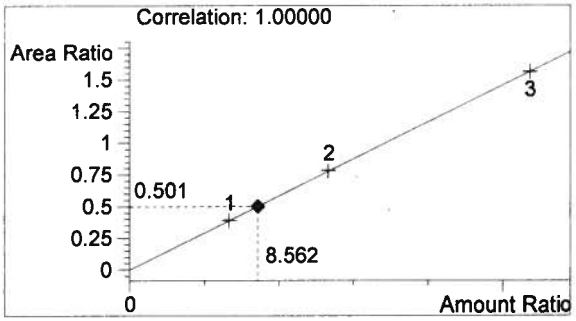
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:34:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

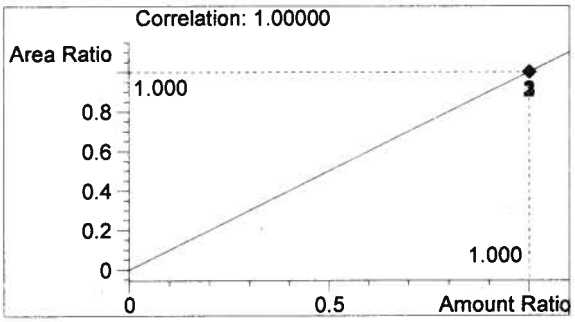
Sample Name: 12042 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.026
2	n-Propanol	1449	1.758



Ethanol 0.103 g/100mL

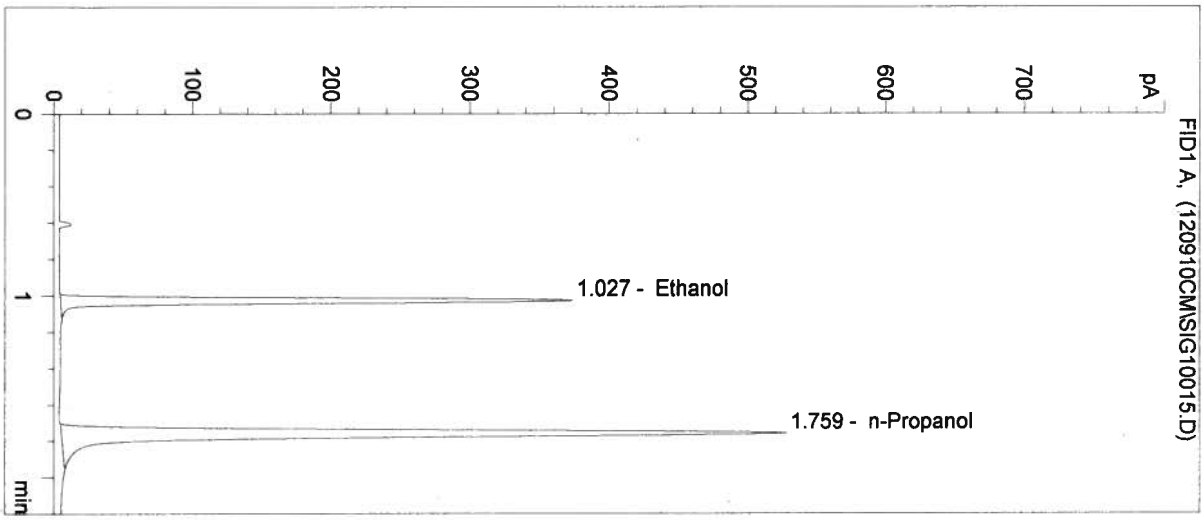


n-Propanol 0.012 g/100mL

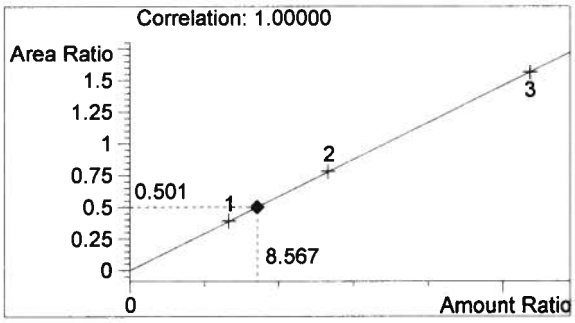
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:37:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

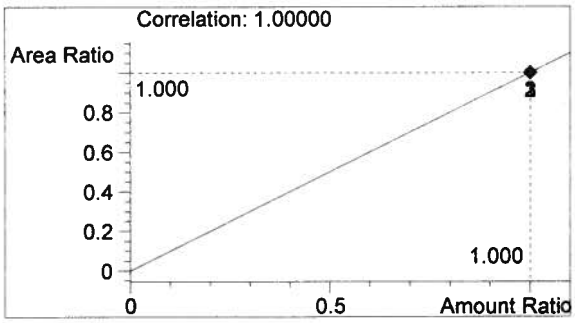
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	729	1.027
2	n-Propanol	1456	1.759



Ethanol 0.103 g/100mL



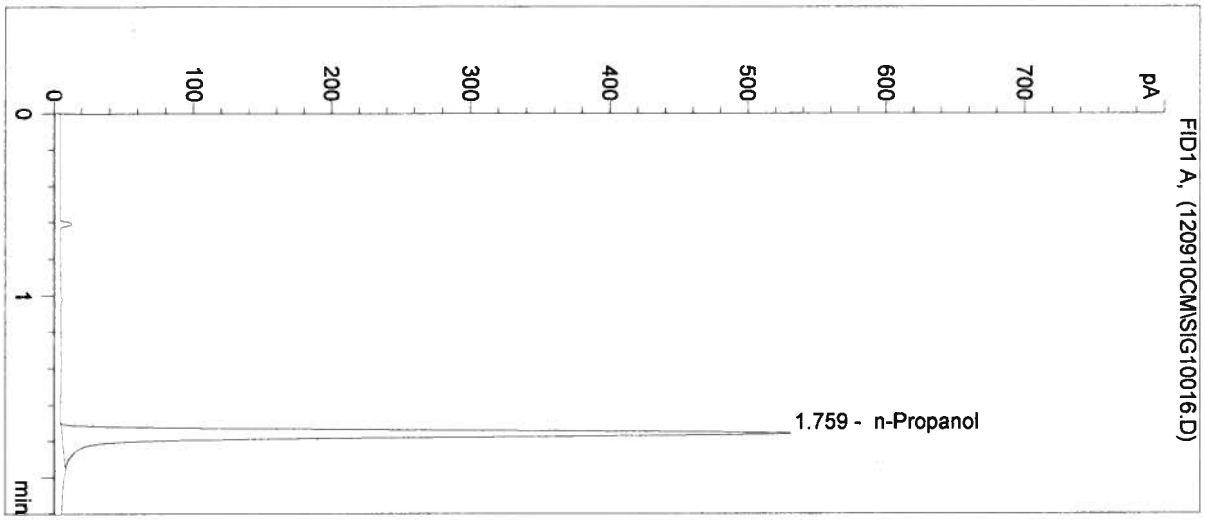
n-Propanol 0.012 g/100mL

12042

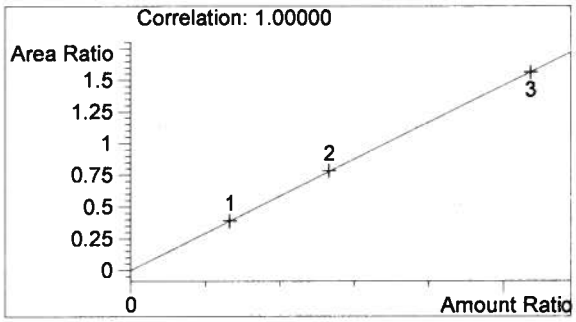
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/10/2012 2:40:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

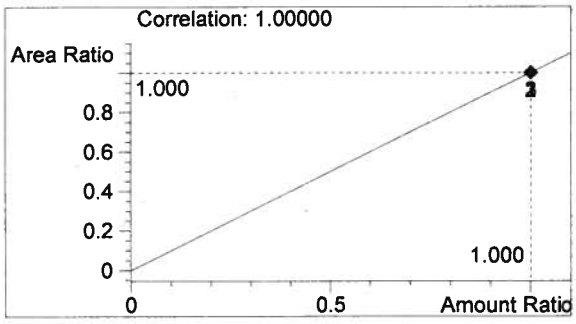
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1470	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

Data File: C:\HPCHEM\2\DATA\120910CM\SIG10016.D

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120911JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012

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

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0612-01 - Exp. 09/25/2012
3	Vial 3	E0612-02 - Exp. 09/25/2012
4	Vial 4	E0612-03 - Exp. 09/25/2012
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	

F12042

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Sequence: C:\HPCHEM\2\SEQUENCE\JKEXSTD3.S

Line	Location	Sample Information
15	Vial 15	
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042-1	SIMALC3	1	Sample		
11	Vial 11	12042-2	SIMALC3	1	Sample		
12	Vial 12	12042-3	SIMALC3	1	Sample		
13	Vial 13	12042-4	SIMALC3	1	Sample		
14	Vial 14	12042-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

JK

120911 JK

Calibration Table

Calib. Data Modified : Tuesday, September 11, 2012 8:38:20 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
1.028	1	1	7.97000e-2	541.40216	1.47210e-4	1		Ethanol
		2	1.59870e-1	1091.28760	1.46497e-4			
		3	3.21590e-1	2200.03564	1.46175e-4			
1.759	1	1	1.20000e-2	1381.14685	8.68843e-6	I1		n-Propanol
		2	1.20000e-2	1384.80188	8.66550e-6			
		3	1.20000e-2	1398.89148	8.57822e-6			

Peak Sum Table

No Entries in table

12042

JK

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Calibration Curves

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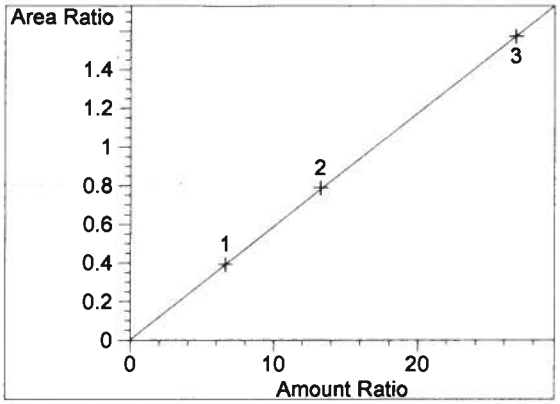
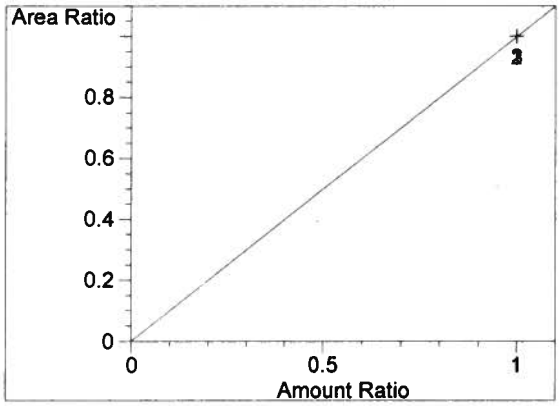


Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00359
Formula: y = mx + b
m: 5.86818e-2
b: 2.14587e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.759
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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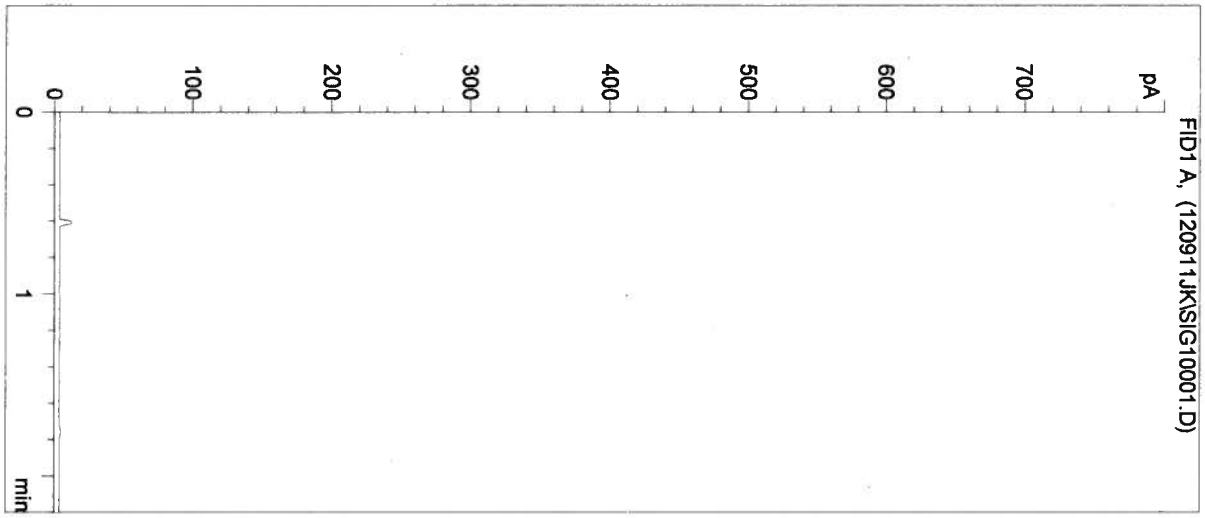
12042

JK

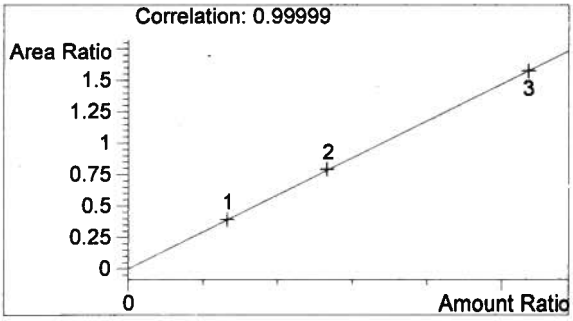
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:26:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

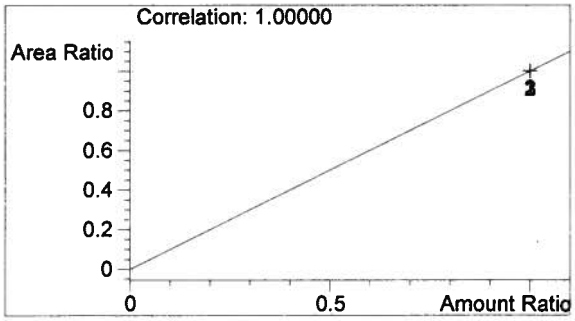
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12042

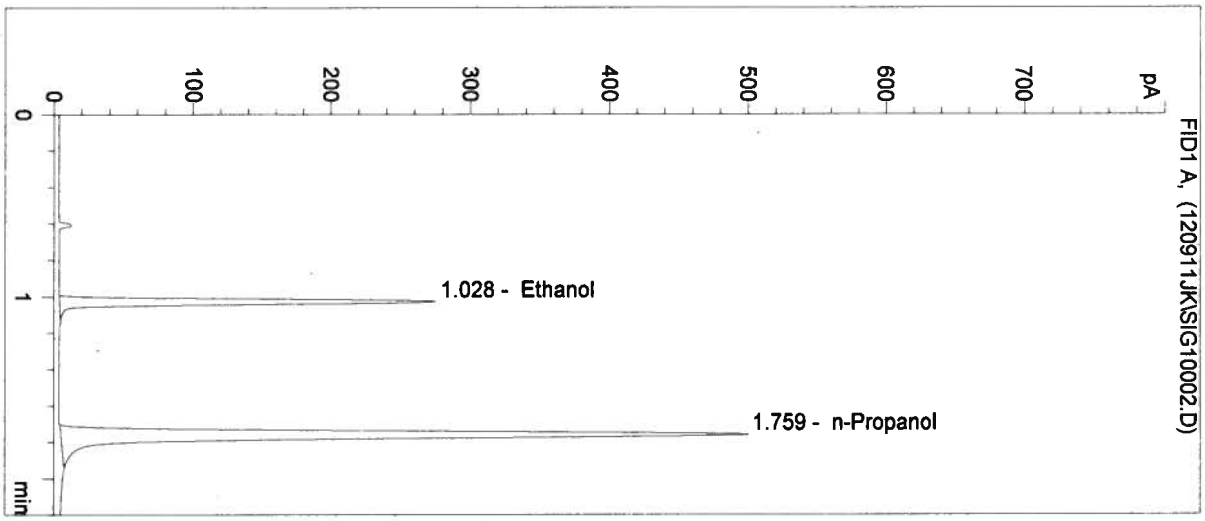
Data File: C:\HPCHEM\2\DATA\120911JK\SIG10001.D

JK

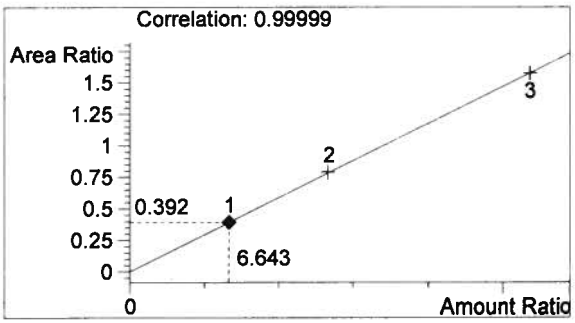
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:29:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-01 - Exp. 09/25/2012

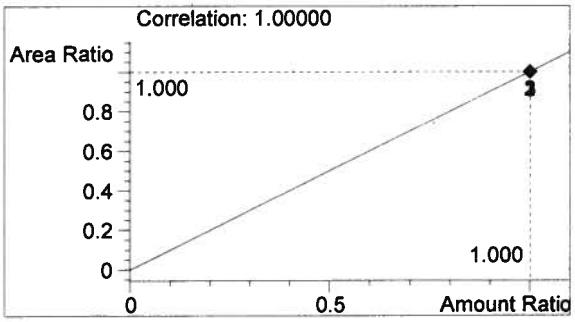
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	541	1.028
2	n-Propanol	1381	1.759



Ethanol 0.080 g/100mL



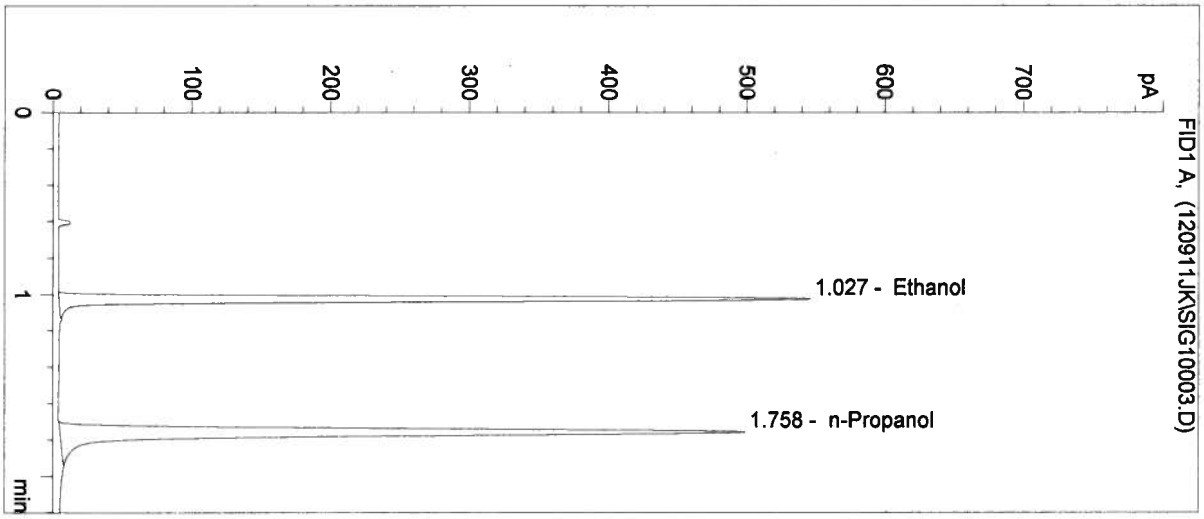
n-Propanol 0.012 g/100mL

12042

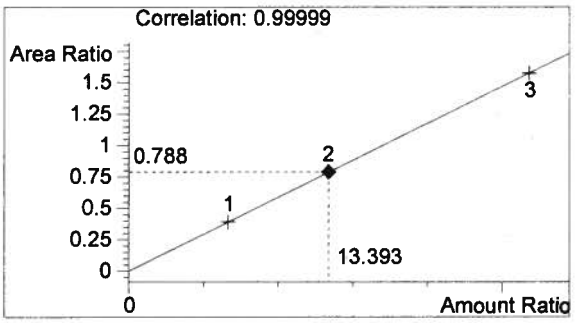
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:33:00 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-02 - Exp. 09/25/2012

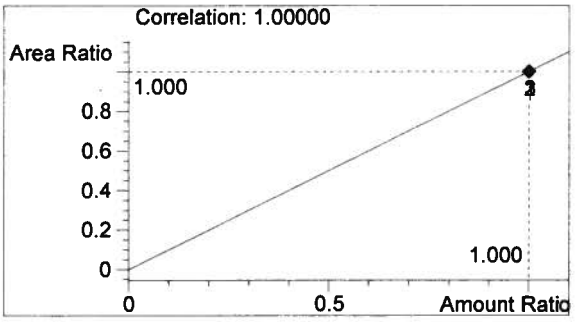
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.027
2	n-Propanol	1385	1.758



Ethanol 0.161 g/100mL



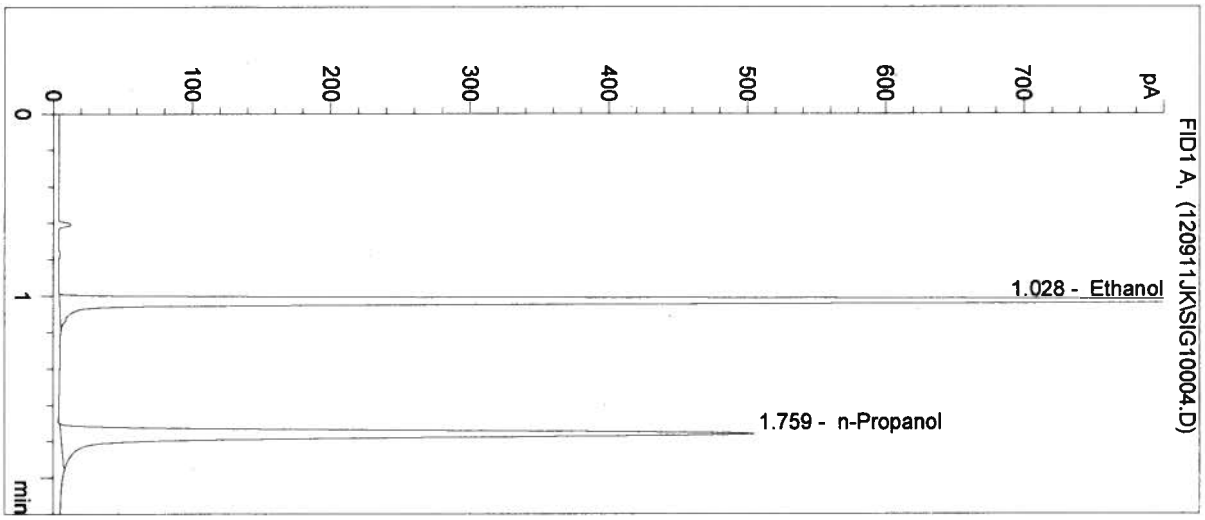
n-Propanol 0.012 g/100mL

12042

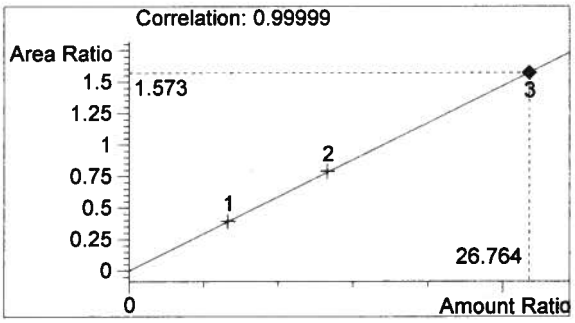
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:36:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0612-03 - Exp. 09/25/2012

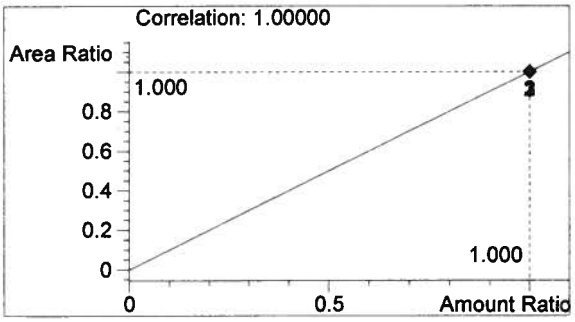
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2200	1.028
2	n-Propanol	1399	1.759



Ethanol 0.321 g/100mL



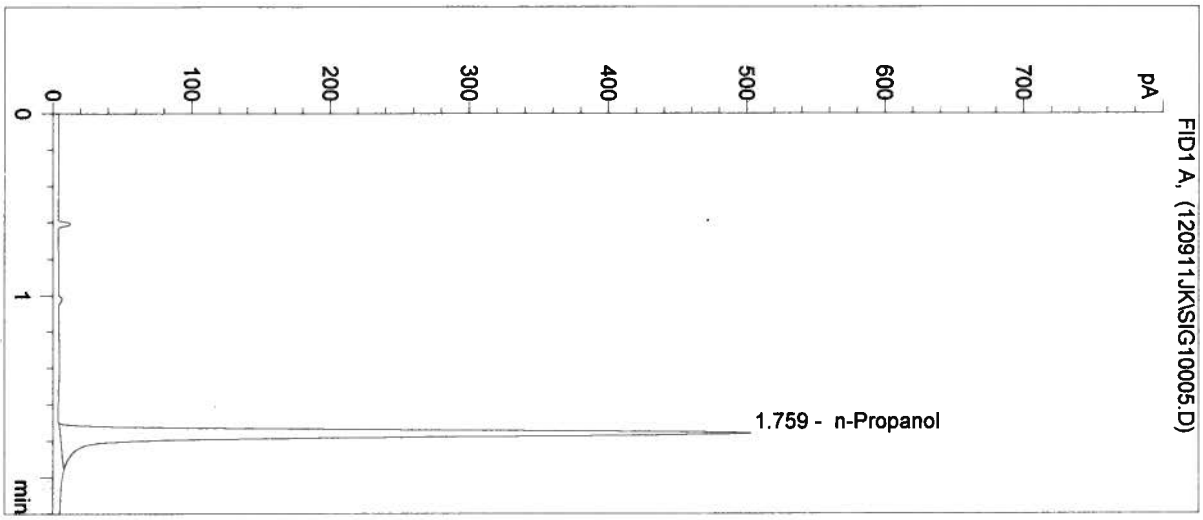
n-Propanol 0.012 g/100mL

12042

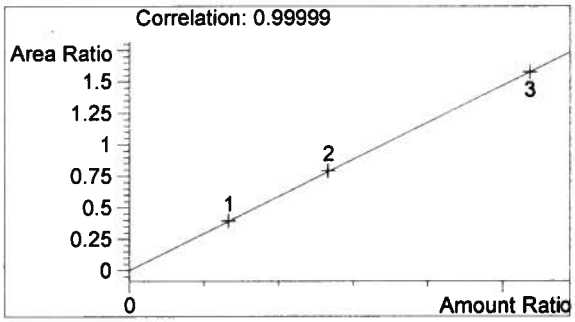
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:39:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

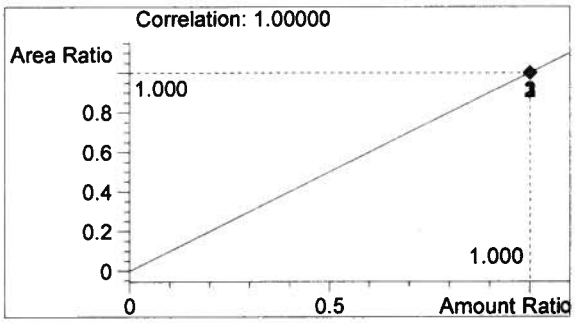
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1394	1.759



Ethanol 0.000 g/100mL



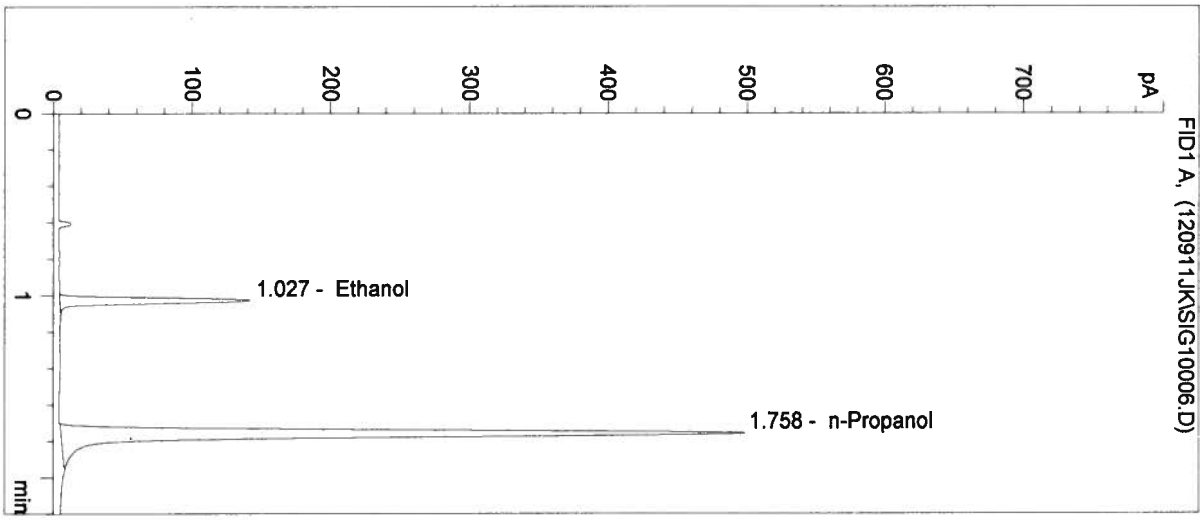
n-Propanol 0.012 g/100mL

12042

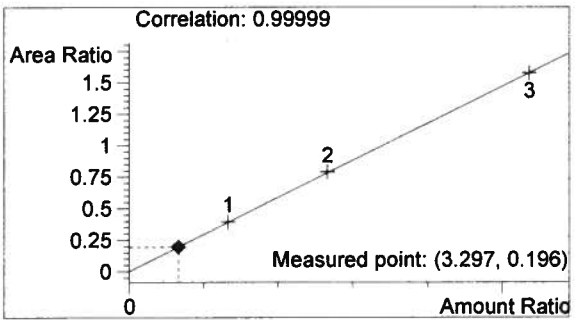
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:42:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

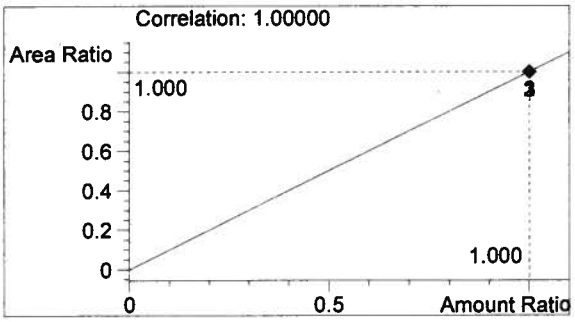
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	270	1.027
2	n-Propanol	1382	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

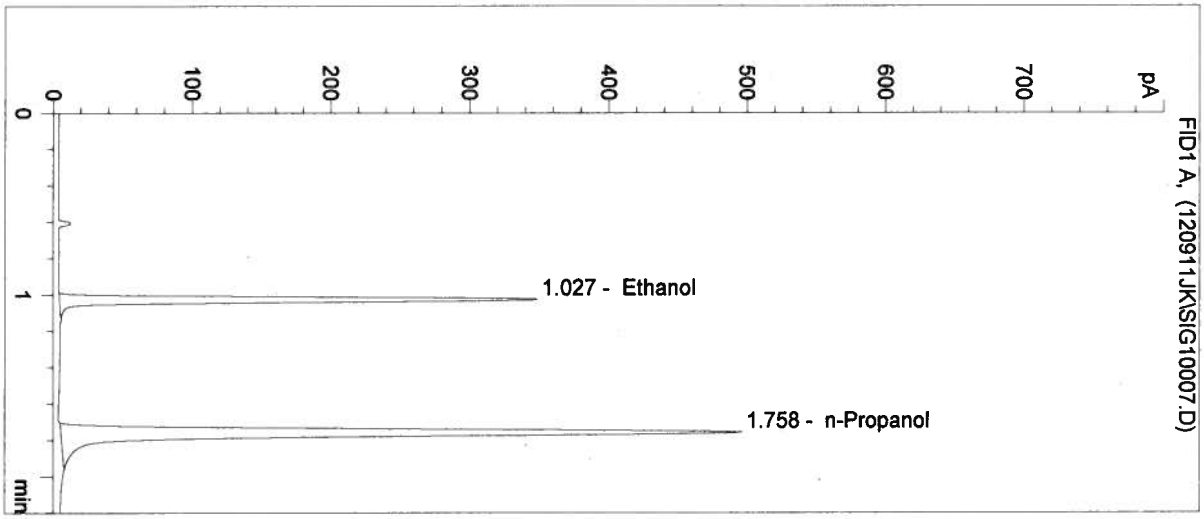
12042

JK

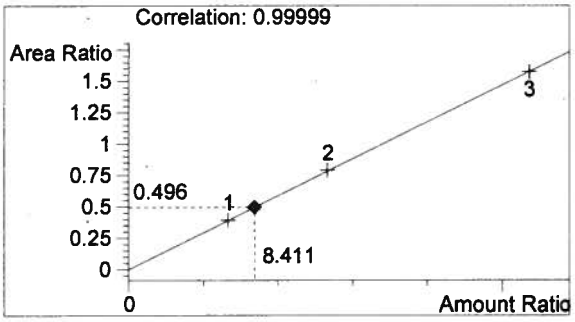
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:45:30 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

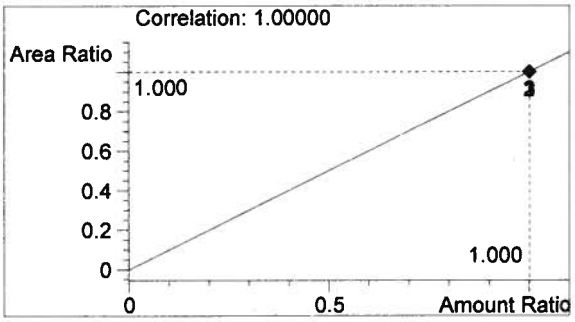
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	682	1.027
2	n-Propanol	1375	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12042

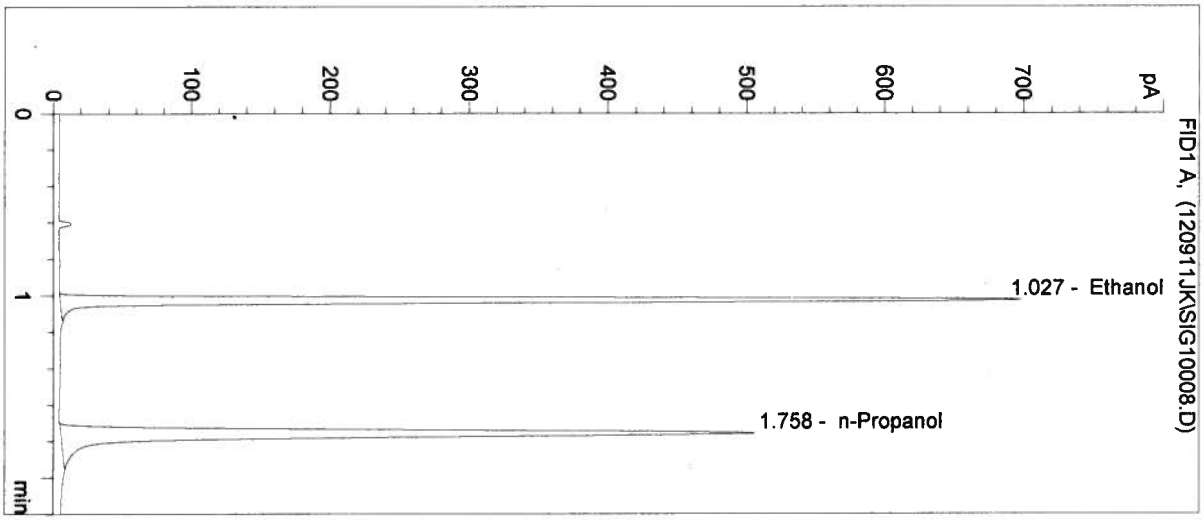
JK

Data File: C:\HPCHEM\2\DATA\120911JK\SIG10007.D

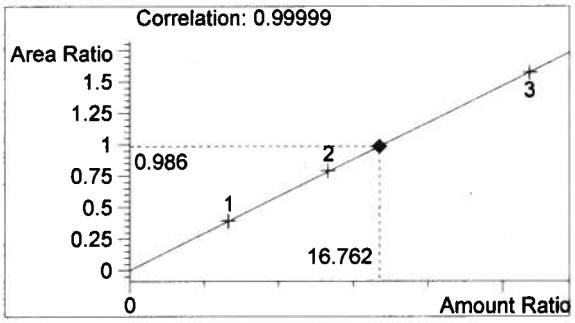
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:48:38 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

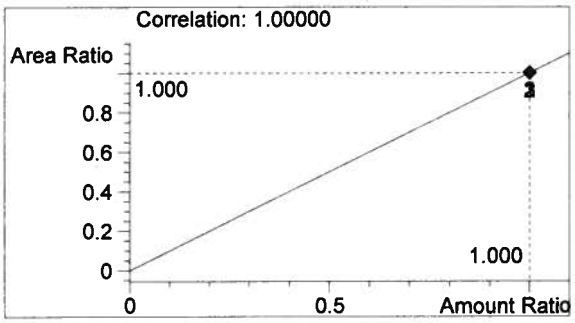
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1384	1.027
2	n-Propanol	1404	1.758



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

12042

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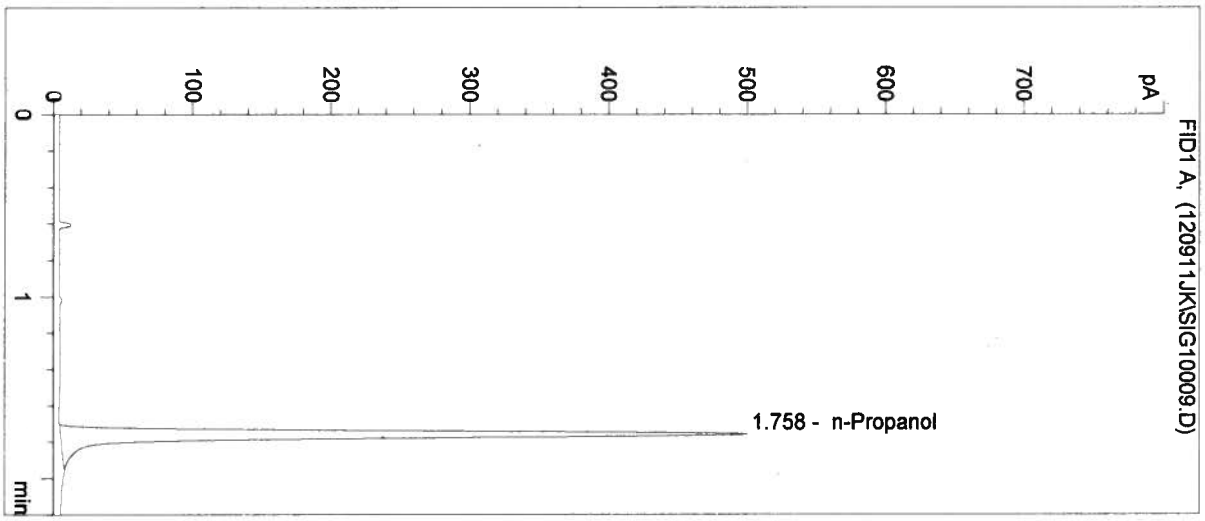
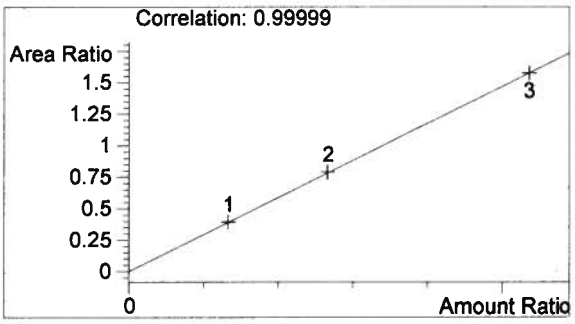
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:51:46 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

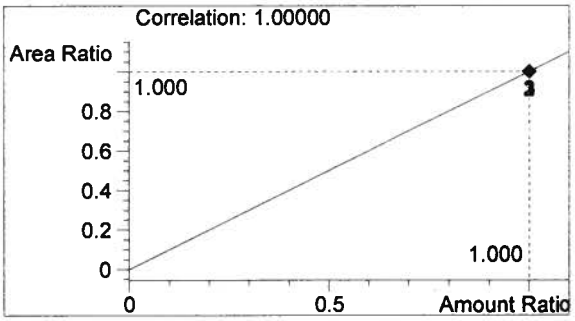
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1394	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

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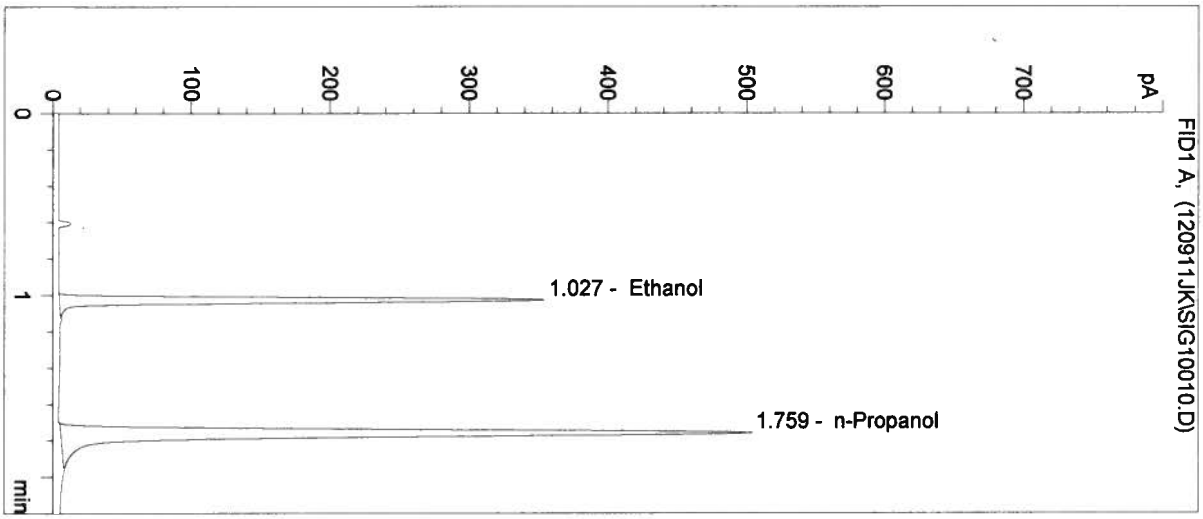
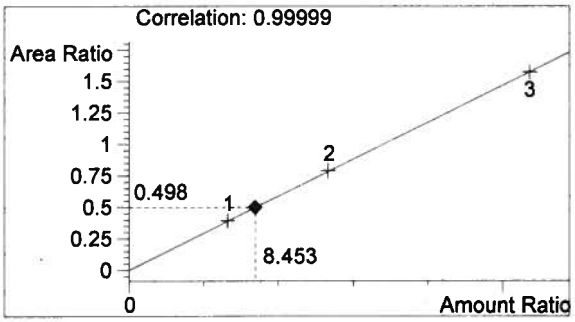
Inj. Date: 9/11/2012 8:54:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

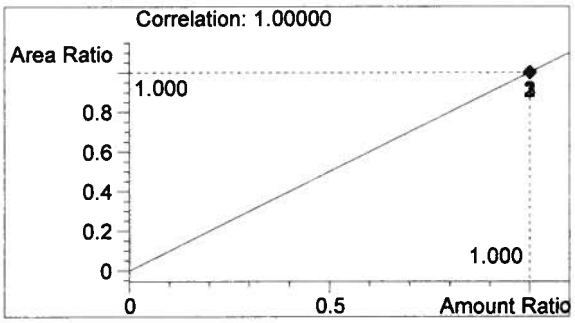
Sample Name: 12042-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.027
2	n-Propanol	1404	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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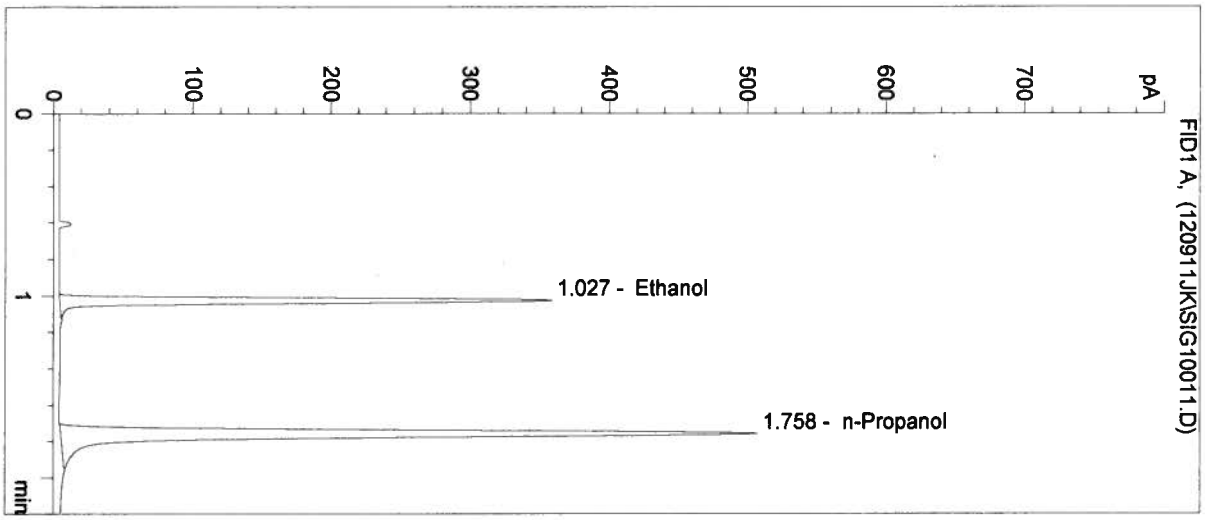
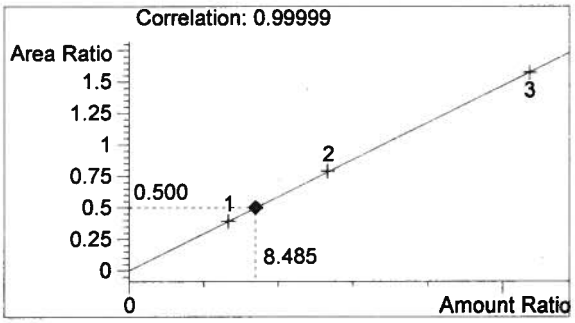
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 8:58:01 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

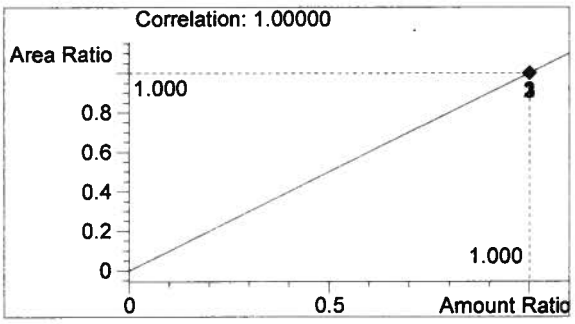
Sample Name: 12042-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1415	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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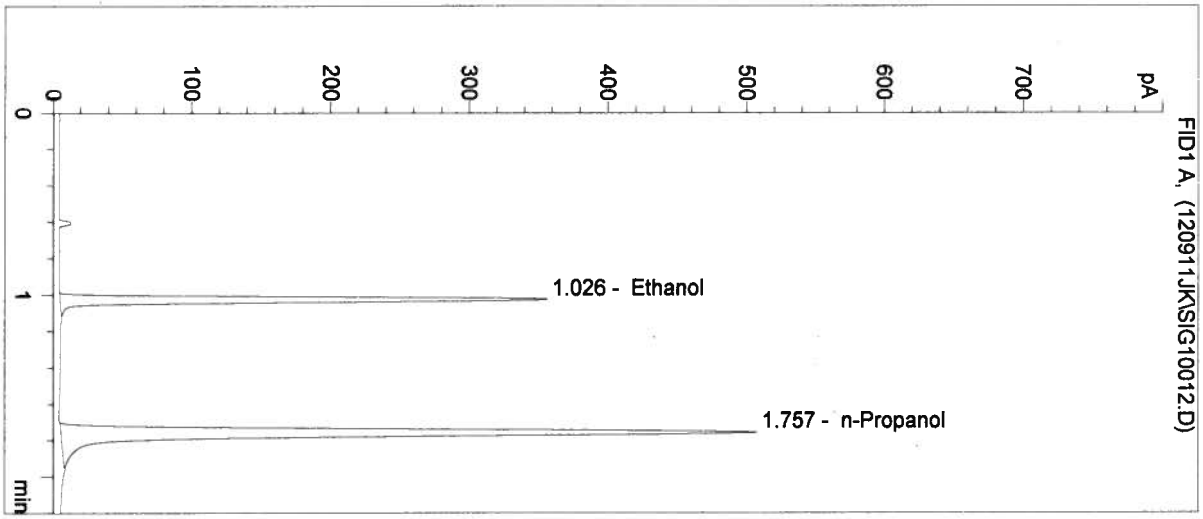
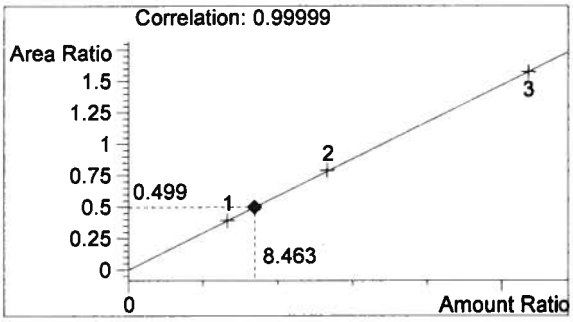
Inj. Date: 9/11/2012 9:01:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

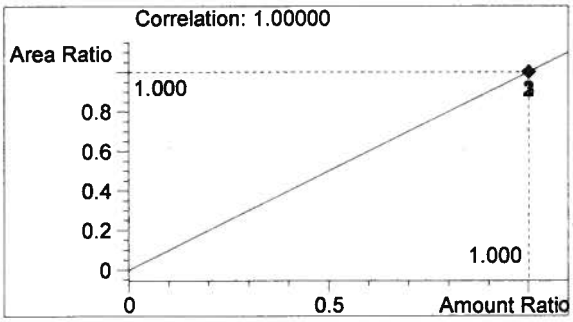
Sample Name: 12042-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.026
2	n-Propanol	1413	1.757



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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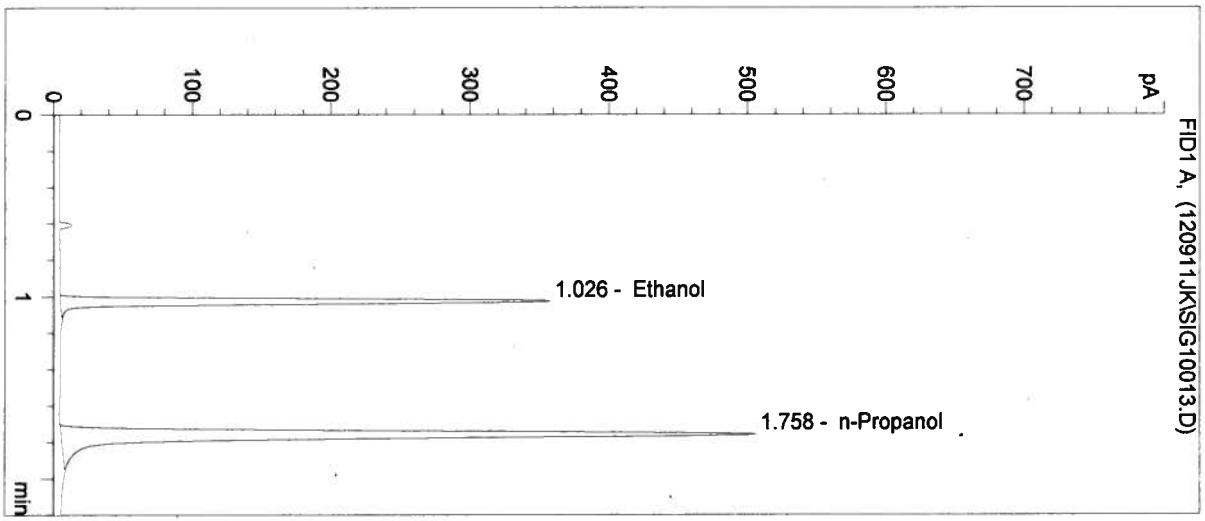
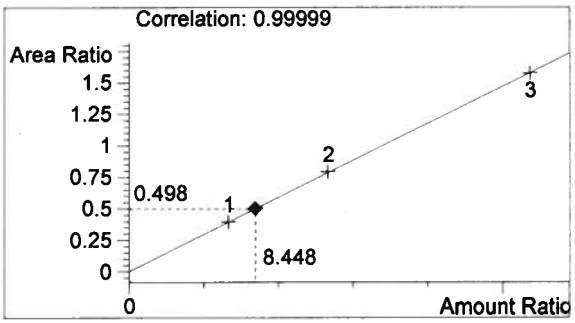
Inj. Date: 9/11/2012 9:04:16 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

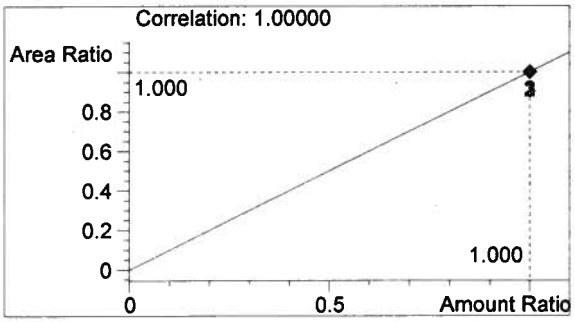
Sample Name: 12042-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.026
2	n-Propanol	1410	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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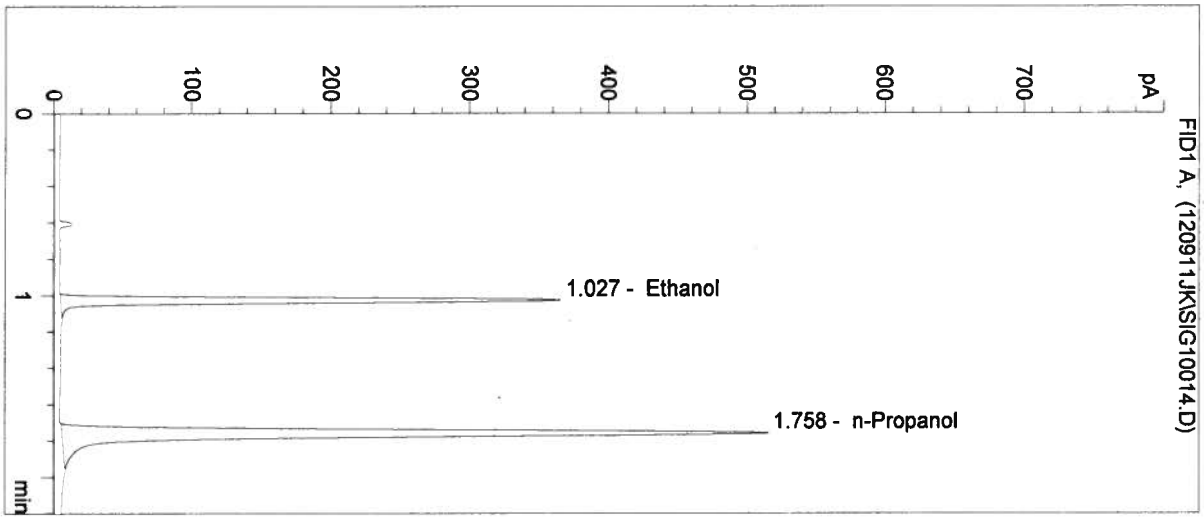
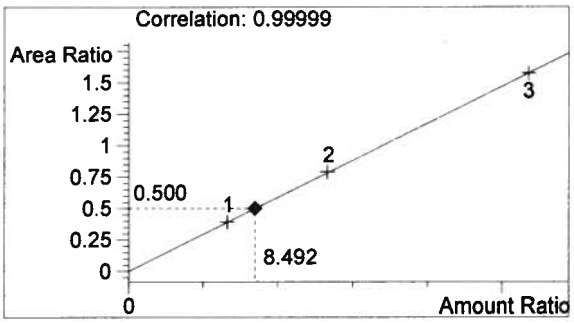
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 9:07:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

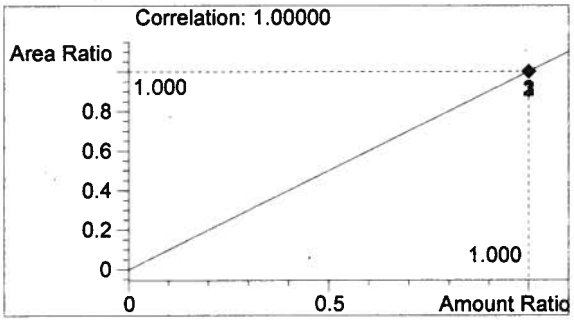
Sample Name: 12042-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	714	1.027
2	n-Propanol	1428	1.758



Ethanol 0.102 g/100mL

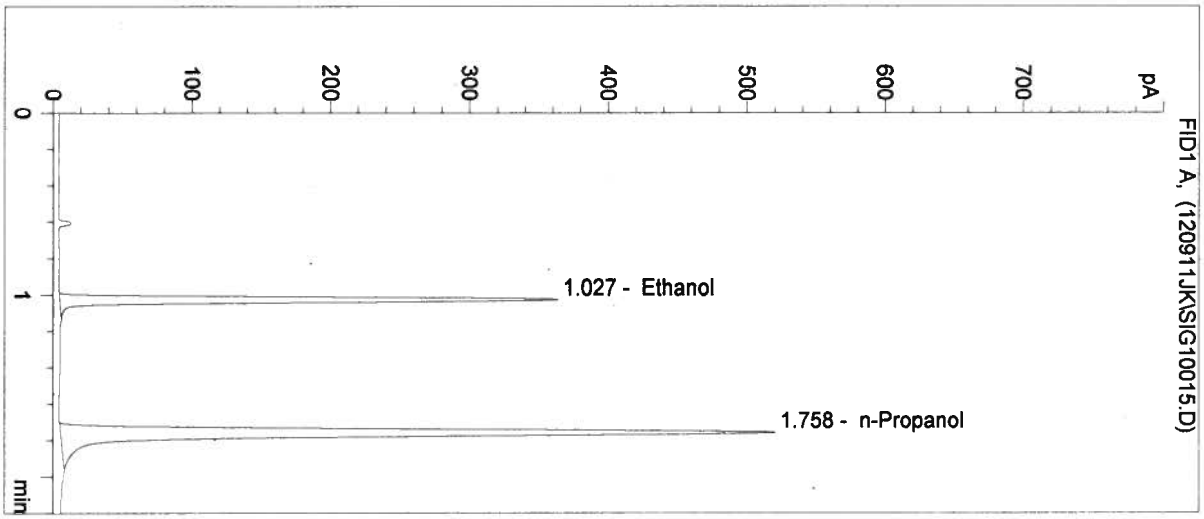


n-Propanol 0.012 g/100mL

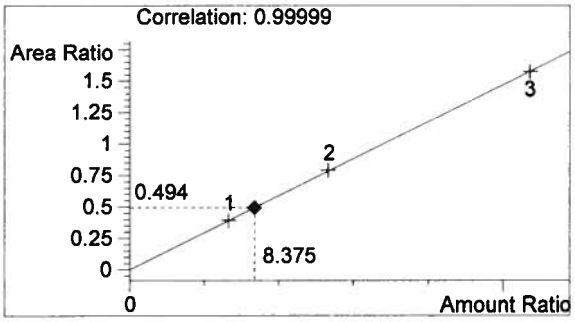
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 9:10:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

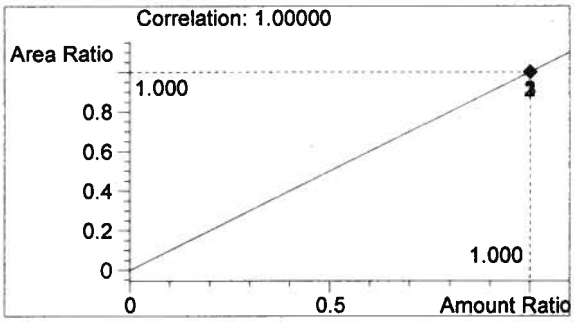
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.027
2	n-Propanol	1448	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

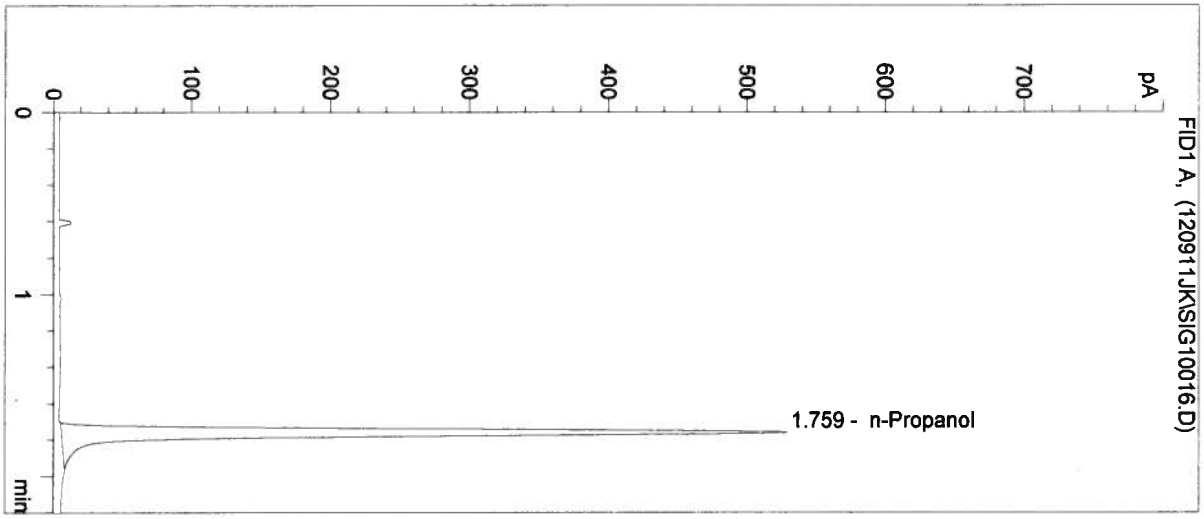
12042

JK

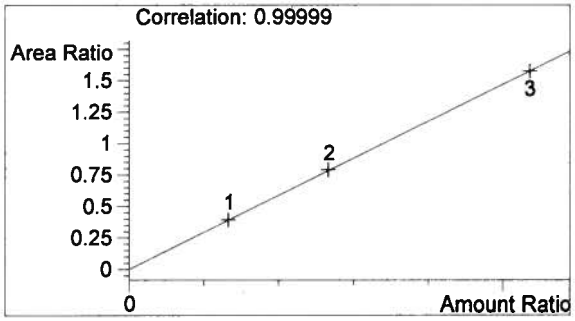
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/11/2012 9:13:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

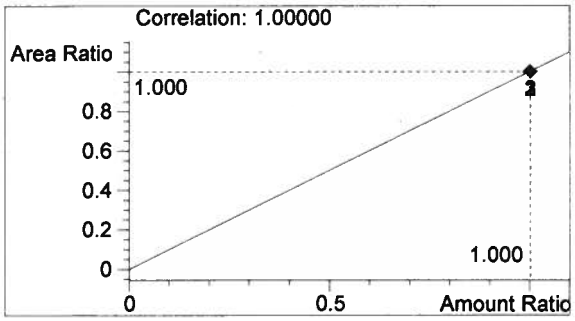
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1469	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120912SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E0612-01 - Exp. 09/25/2012
0.158 Calibrator 2 - Lot# E0612-02 - Exp. 09/25/2012
0.316 Calibrator 3 - Lot# E0612-03 - Exp. 09/25/2012
0.04 Control 1 - Lot# A077459 - Exp. 02/2015
0.10 Control 2 - Lot# A083355 - Exp. 12/2015
0.20 Control 3 - Lot# A084657 - Exp. 02/2016
n-Propanol ISTD - Lot# P0812 - Exp. 11/15/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	0.079 Calibrator 1 - Lot# E0612-01 - Exp. 09/25/2012
3	Vial 3	0.158 Calibrator 2 - Lot# E0612-02 - Exp. 09/25/2012
4	Vial 4	0.316 Calibrator 3 - Lot# E0612-03 - Exp. 09/25/2012
5	Vial 5	
6	Vial 6	0.04 Control 1 - Lot# A077459 - Exp. 02/2015
7	Vial 7	0.10 Control 2 - Lot# A083355 - Exp. 12/2015
8	Vial 8	0.20 Control 3 - Lot# A084657 - Exp. 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12042

SS

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

Line	Location	Sample Information
15	Vial 15	0.10 Control 2 - Lot# A083355 - Exp. 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042-1	SIMALC3	1	Sample		
11	Vial 11	12042-2	SIMALC3	1	Sample		
12	Vial 12	12042-3	SIMALC3	1	Sample		
13	Vial 13	12042-4	SIMALC3	1	Sample		
14	Vial 14	12042-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

SMS

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

Calibration Table

Calib. Data Modified : Wednesday, September 12, 2012 2:40:15 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
1.027	1	1	7.97000e-2	550.74744	1.44712e-4		1	Ethanol
		2	1.59870e-1	1090.72681	1.46572e-4			
		3	3.21590e-1	2185.64014	1.47138e-4			
1.758	1	1	1.20000e-2	1403.71692	8.54873e-6		I1	n-Propanol
		2	1.20000e-2	1386.98059	8.65189e-6			
		3	1.20000e-2	1395.47229	8.59924e-6			

Peak Sum Table

No Entries in table

12042

SMS

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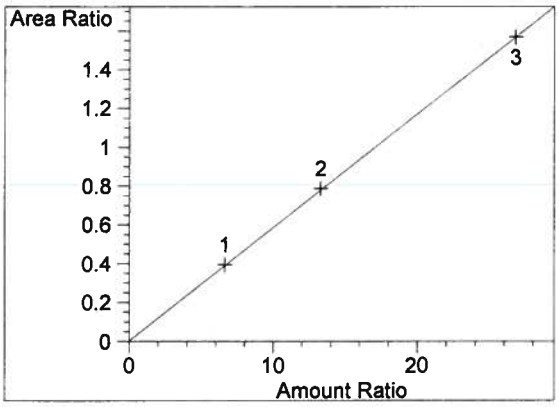
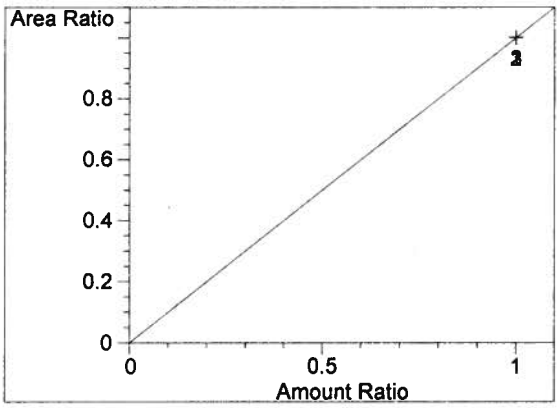
Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00459
Formula: y = mx + b
m: 5.84220e-2
b: 3.24512e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.758
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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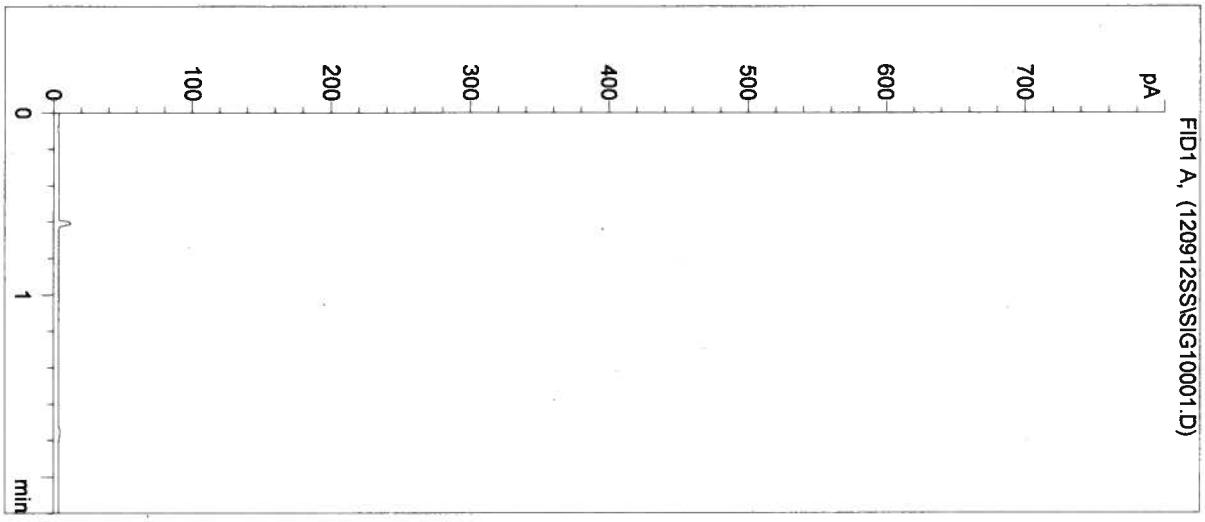
12042

SMS

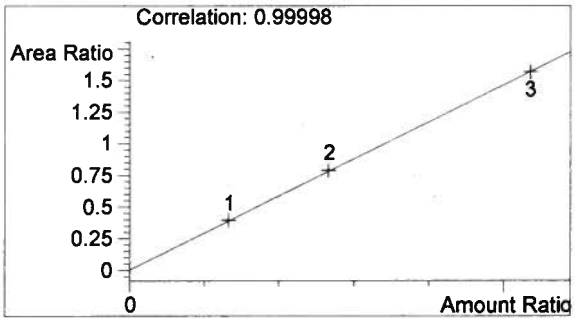
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:28:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

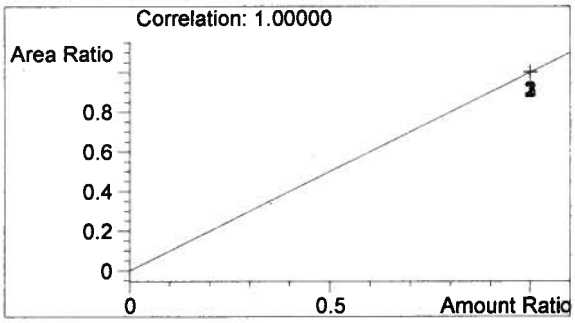
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



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



Ethanol 0.000 g/100mL



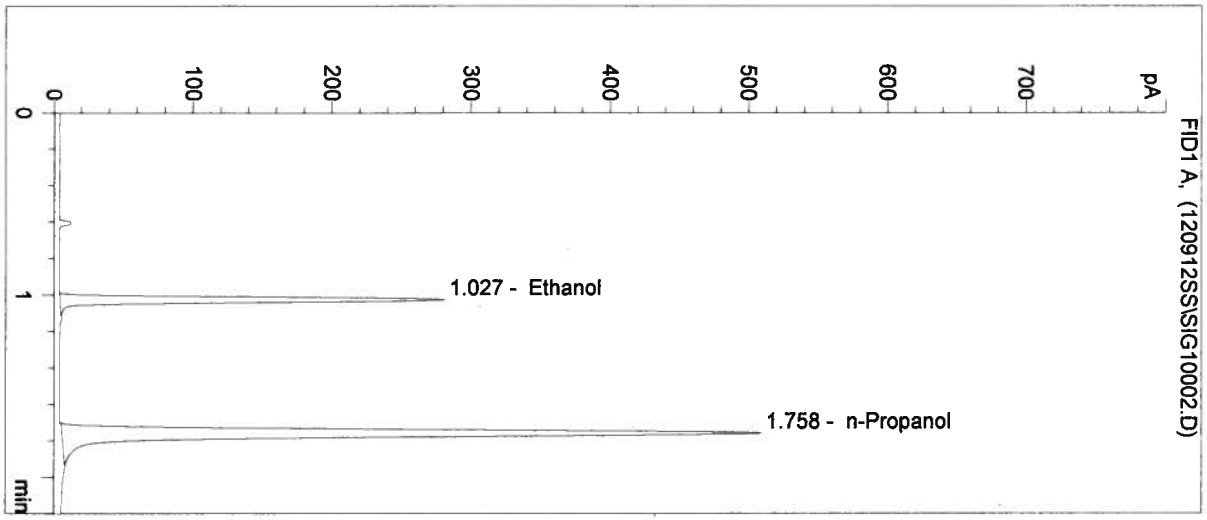
n-Propanol 0.000 g/100mL

12042

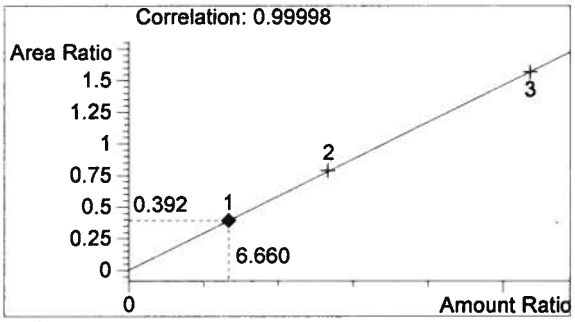
SMS

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

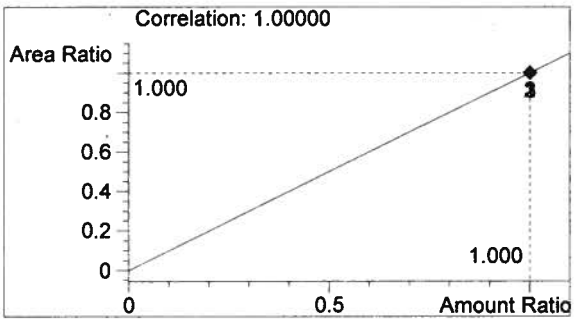
Inj. Date: 9/12/2012 2:31:48 PM
Sample Name: CAL1 0.079
Instrument: HSGC#3
Operator: Sarah Swenson
Column: DB-ALC2
Location: Vial 2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.079 Calibrator 1 - Lot# E0612-01 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	551	1.027
2	n-Propanol	1404	1.758



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12042

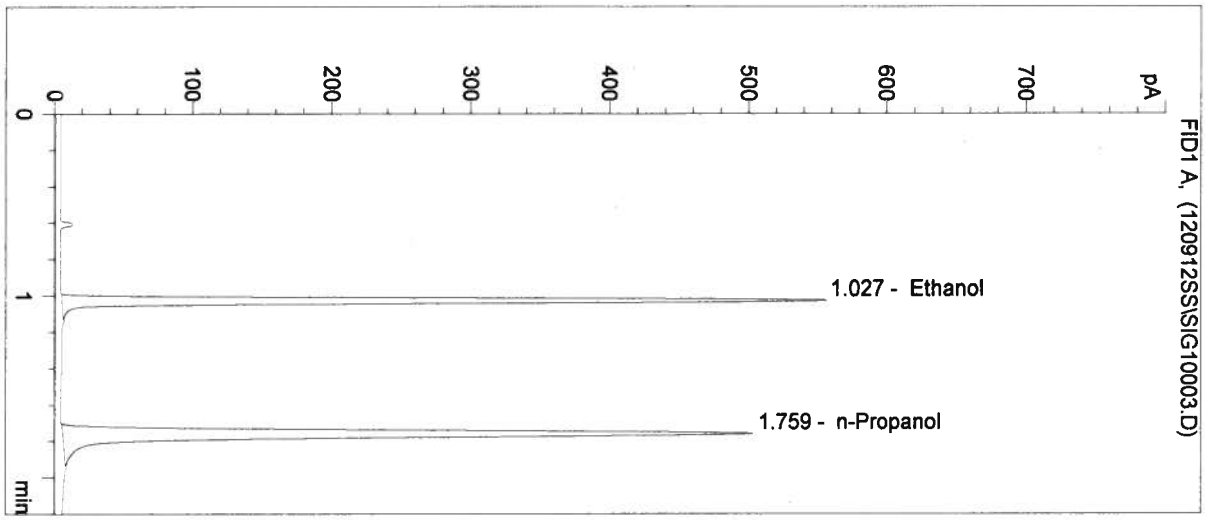
SJS

Data File: C:\HPCHEM\2\DATA\120912SS\SIG10002.D

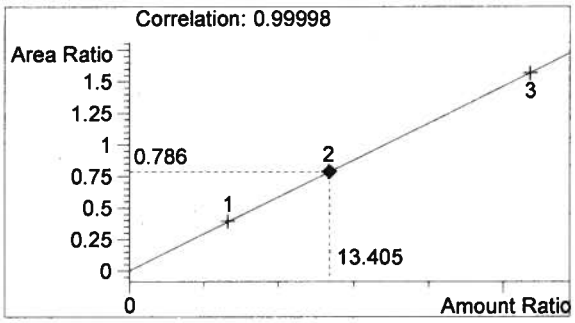
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:34:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.158 Calibrator 2 - Lot# E0612-02 - Exp. 09/25/2012.

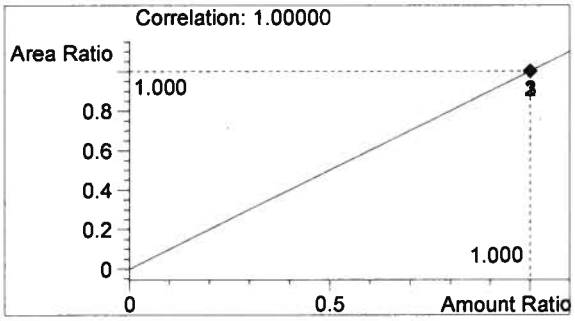
Sample Name: CAL2 0.158
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.027
2	n-Propanol	1387	1.759



Ethanol 0.161 g/100mL



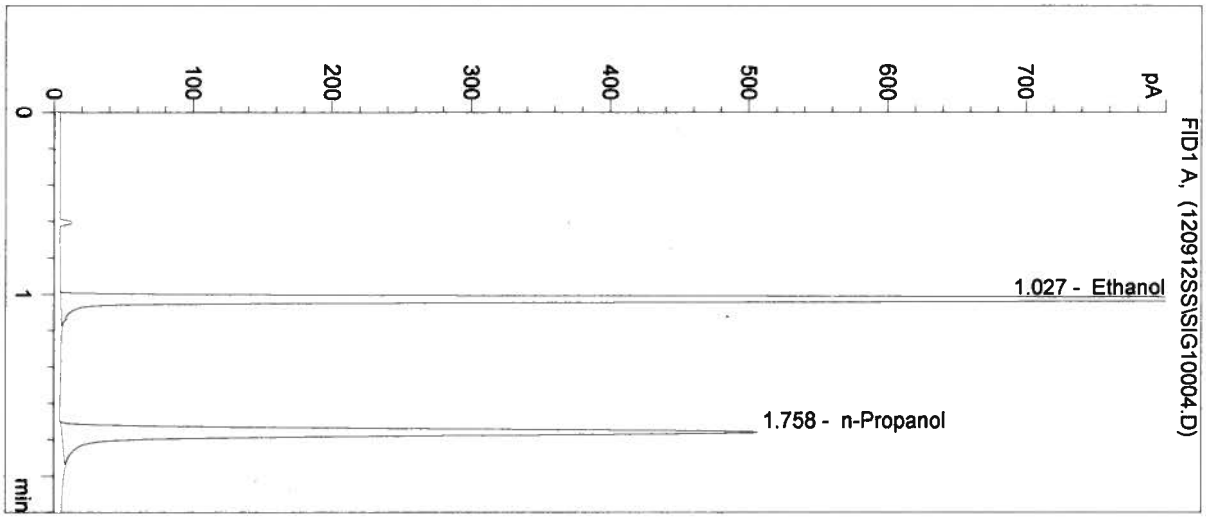
n-Propanol 0.012 g/100mL

12042

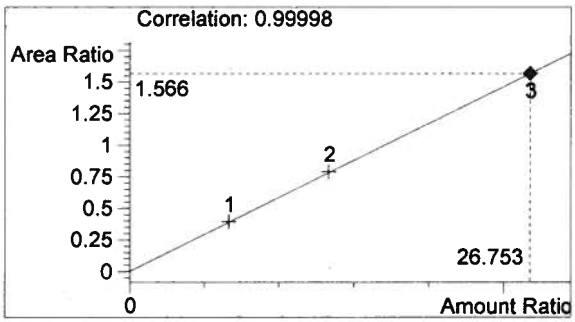
SMS

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

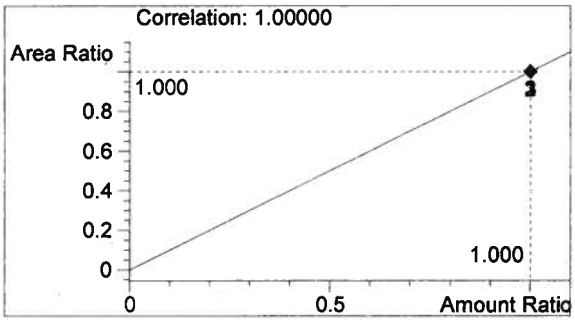
Inj. Date: 9/12/2012 2:38:03 PM
Sample Name: CAL3 0.316
Instrument: HSGC#3
Operator: Sarah Swenson
Column: DB-ALC2
Location: Vial 4
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.316 Calibrator 3 - Lot# E0612-03 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	2186	1.027
2	n-Propanol	1395	1.758



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

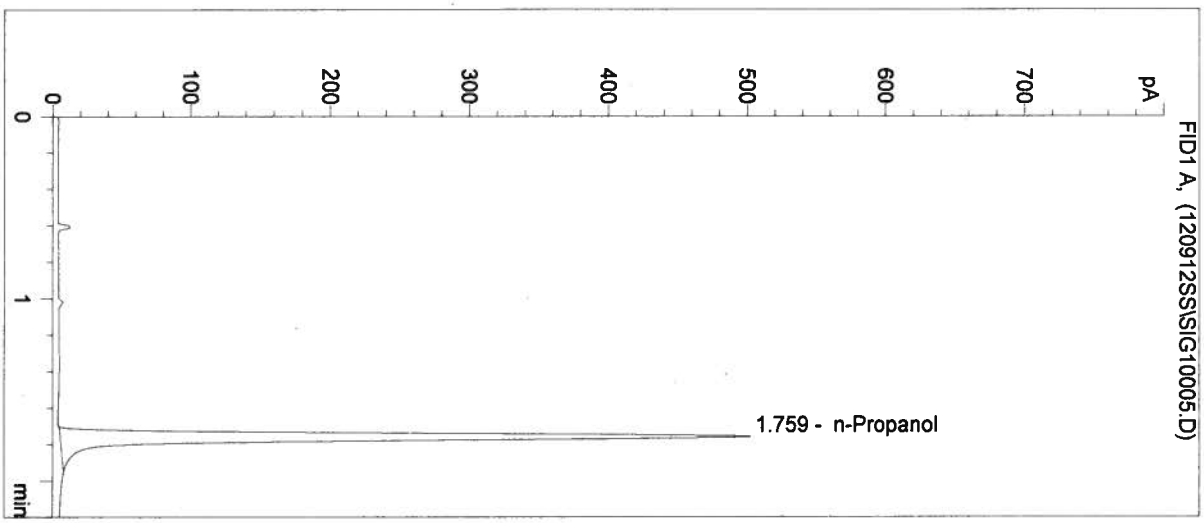
12042

SJS

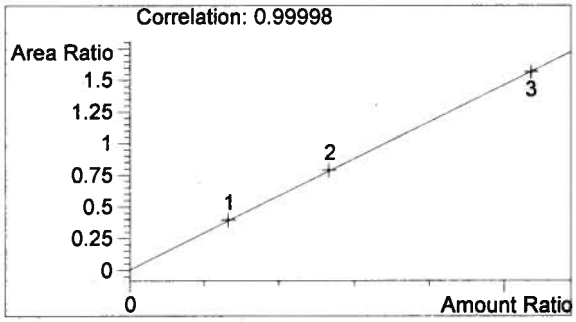
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:41:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

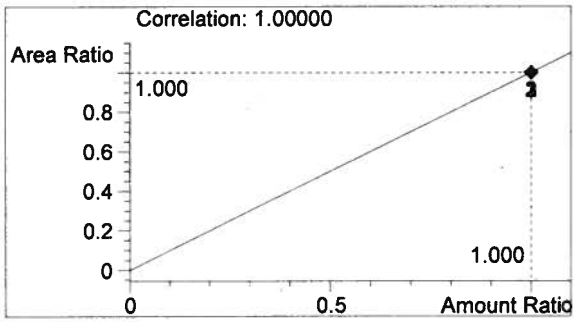
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1384	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

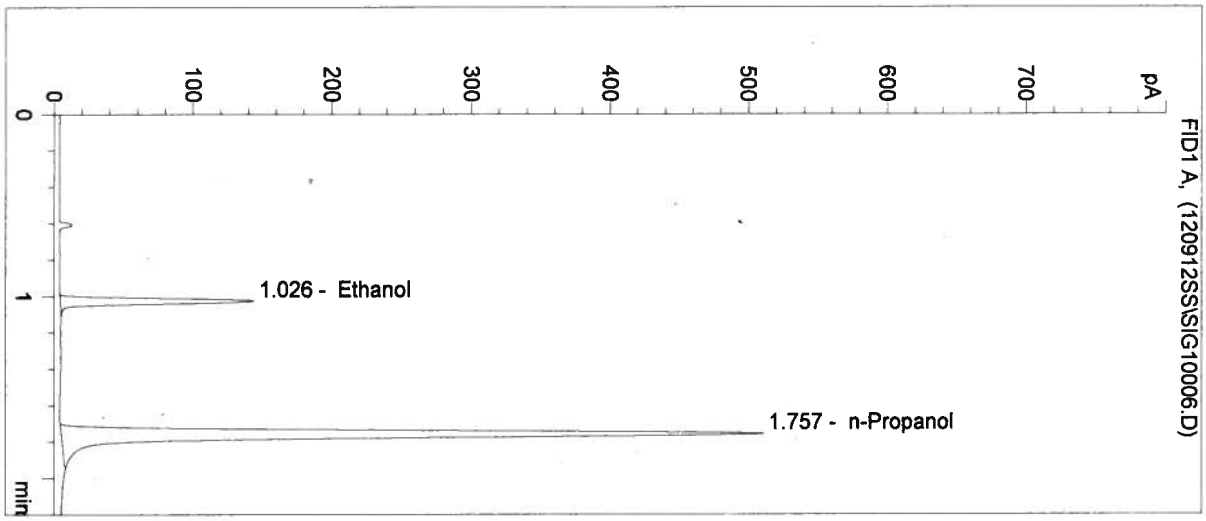
12042

SKS

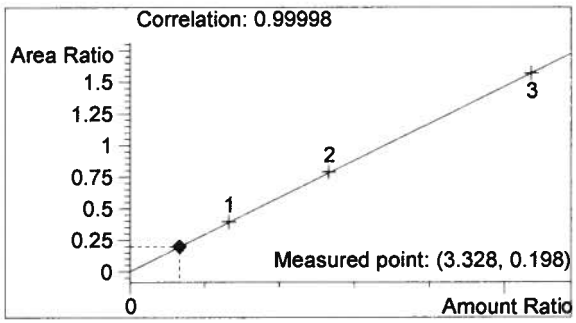
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:44:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04 Control 1 - Lot# A077459 - Exp. 02/2015

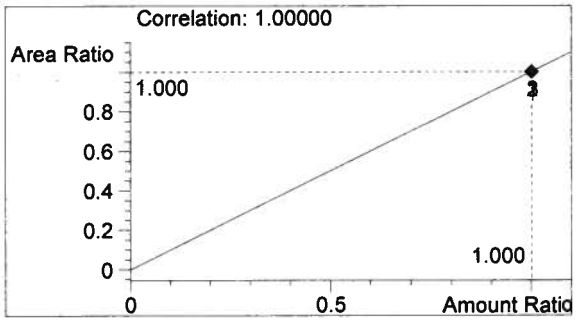
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	281	1.026
2	n-Propanol	1421	1.757



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

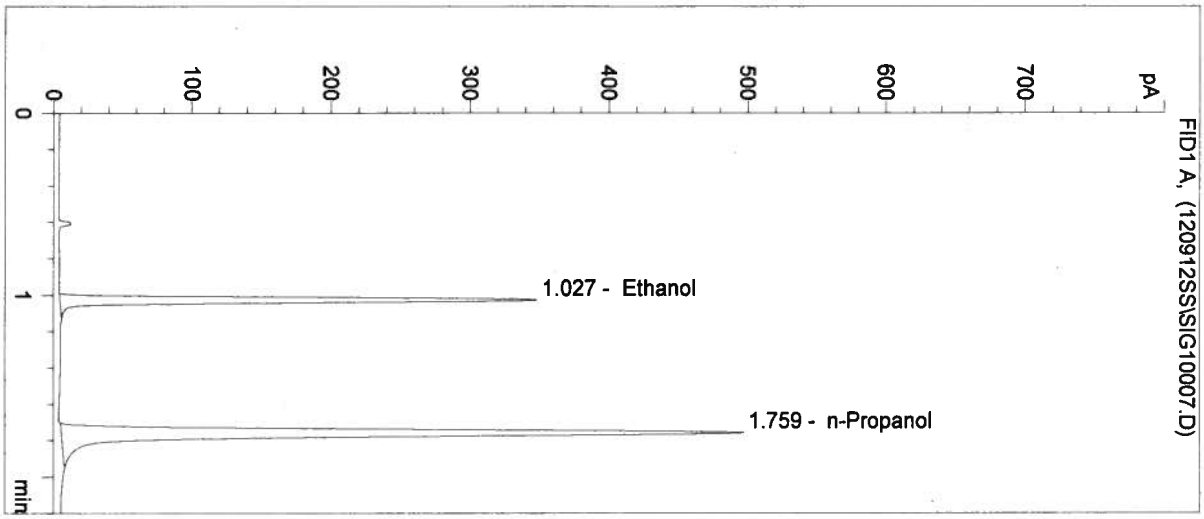
12042

SMS

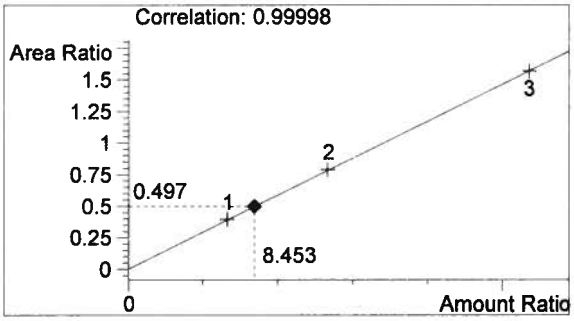
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:47:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control 2 - Lot# A083355 - Exp. 12/2015

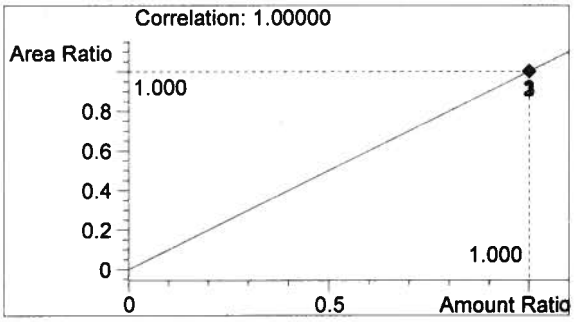
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.027
2	n-Propanol	1371	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12042

SJS

Washington State Patrol Toxicology Laboratory
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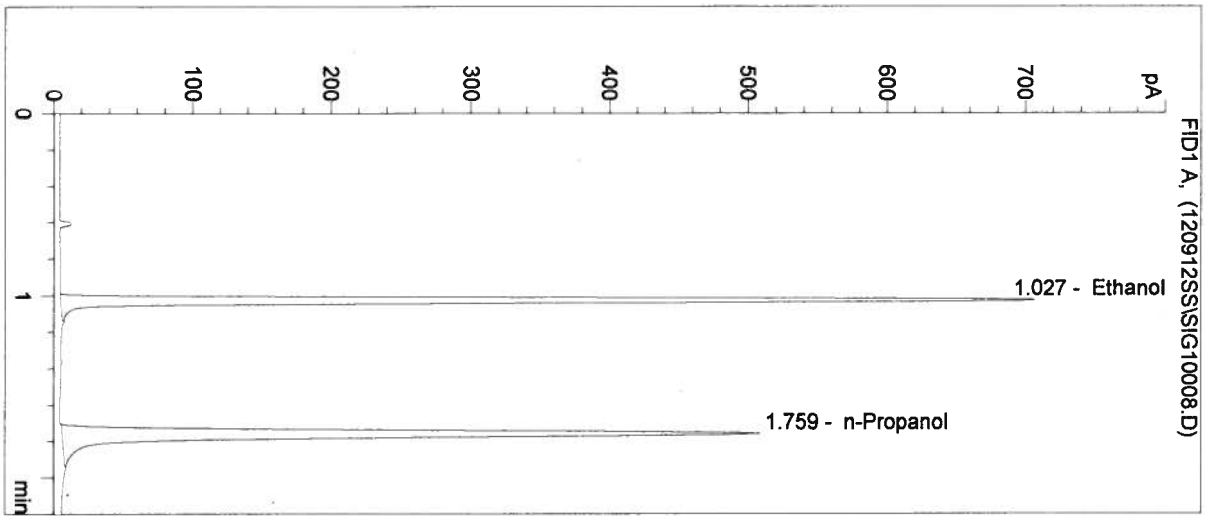
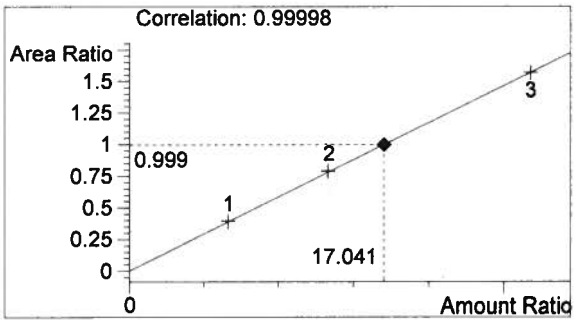
Inj. Date: 9/12/2012 2:50:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20 Control 3 - Lot# A084657 - Exp. 02/2016

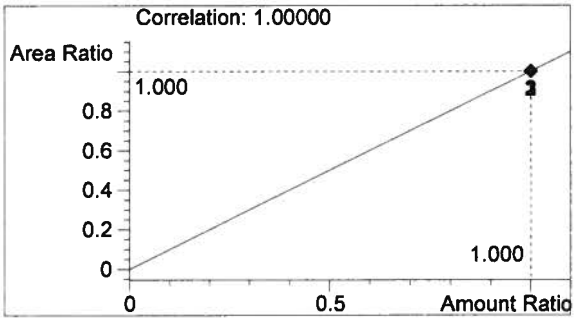
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1402	1.027
2	n-Propanol	1404	1.759



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

12042

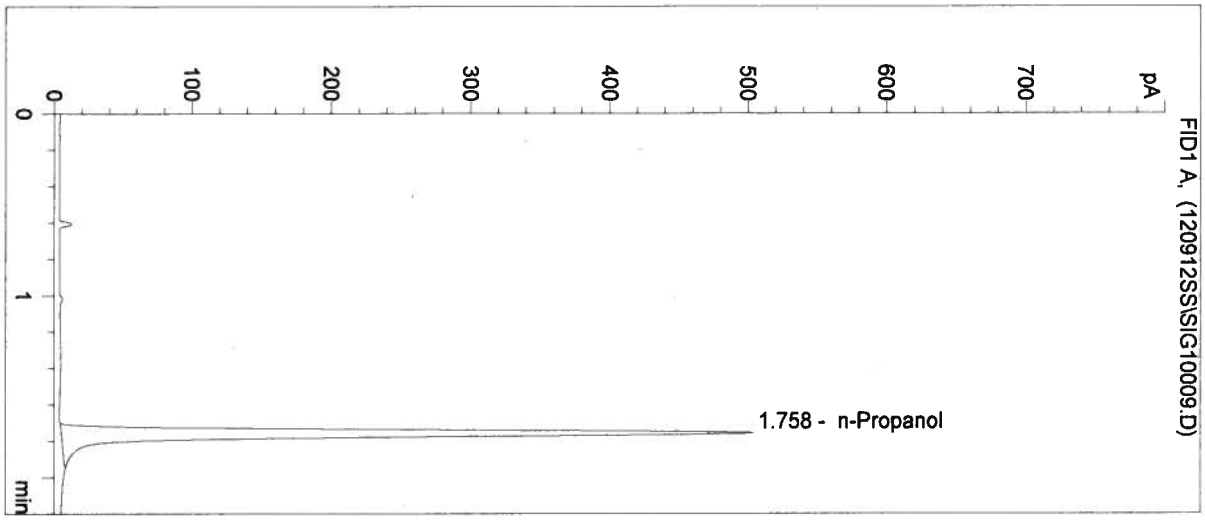
SMS

Data File: C:\HPCHEM\2\DATA\120912SS\SIG10008.D

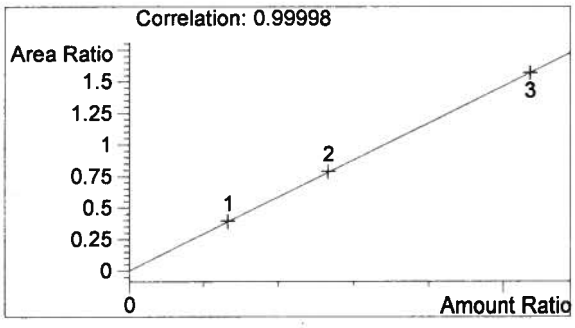
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:53:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

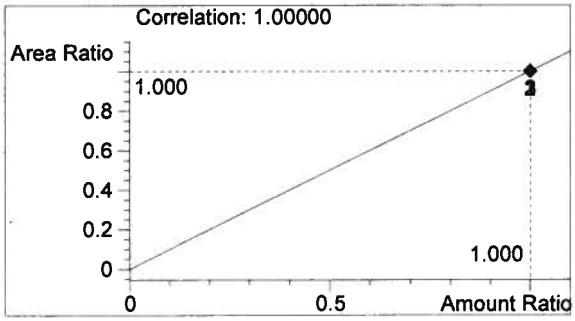
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1395	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

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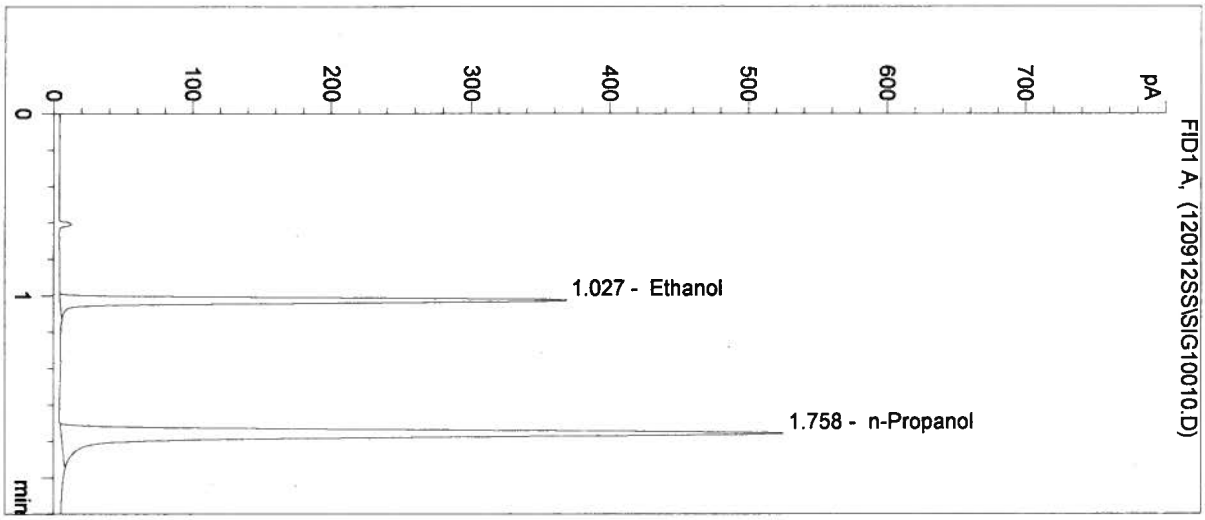
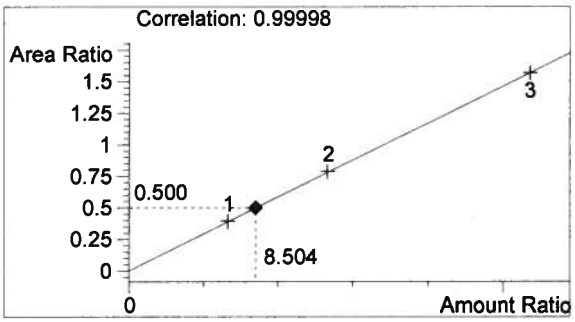
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:56:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

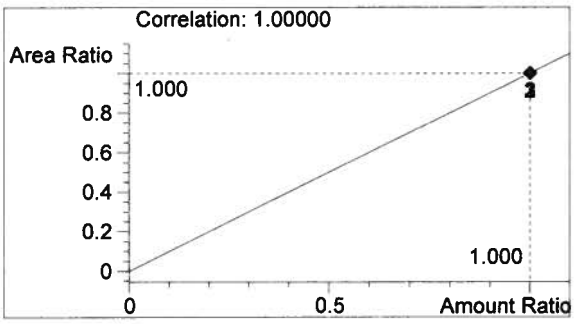
Sample Name: 12042-1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.027
2	n-Propanol	1455	1.758



Ethanol 0.102 g/100mL



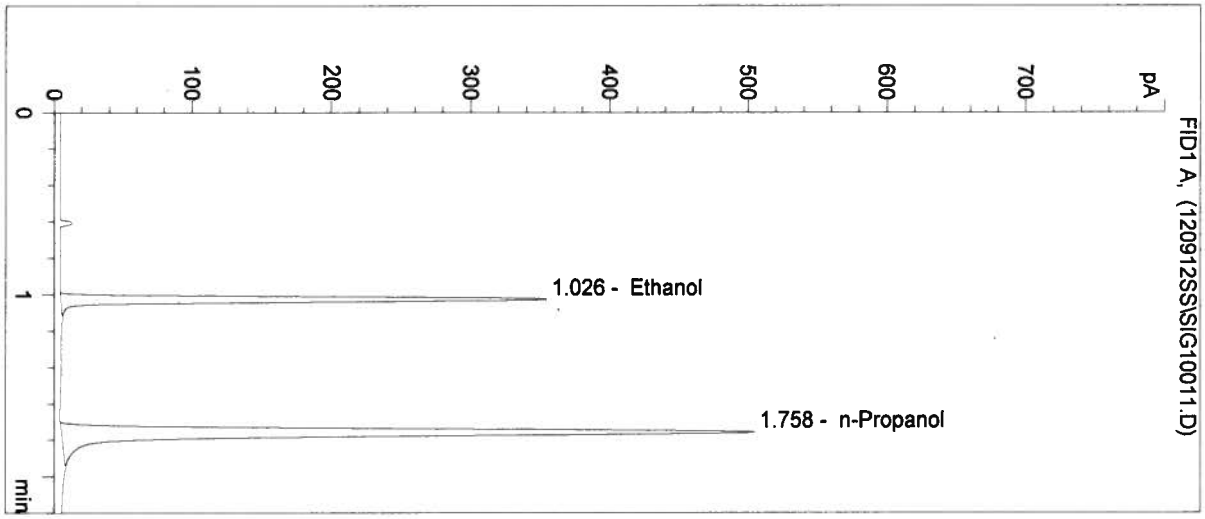
n-Propanol 0.012 g/100mL

SMS

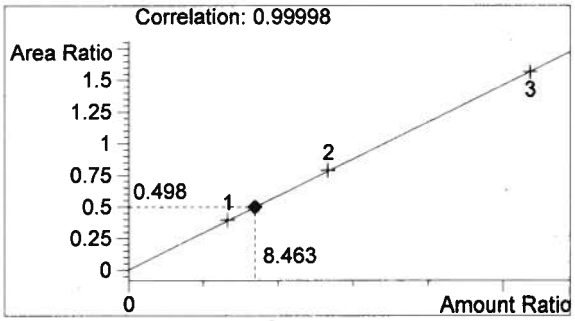
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 2:59:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

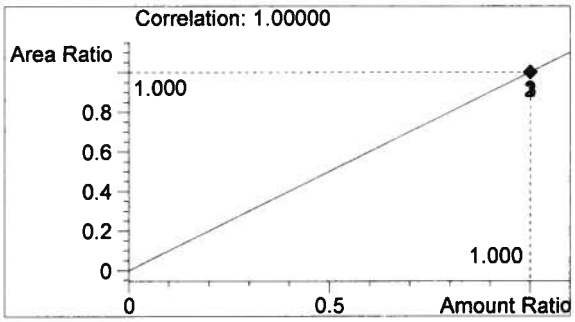
Sample Name: 12042-2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.026
2	n-Propanol	1399	1.758



Ethanol 0.102 g/100mL



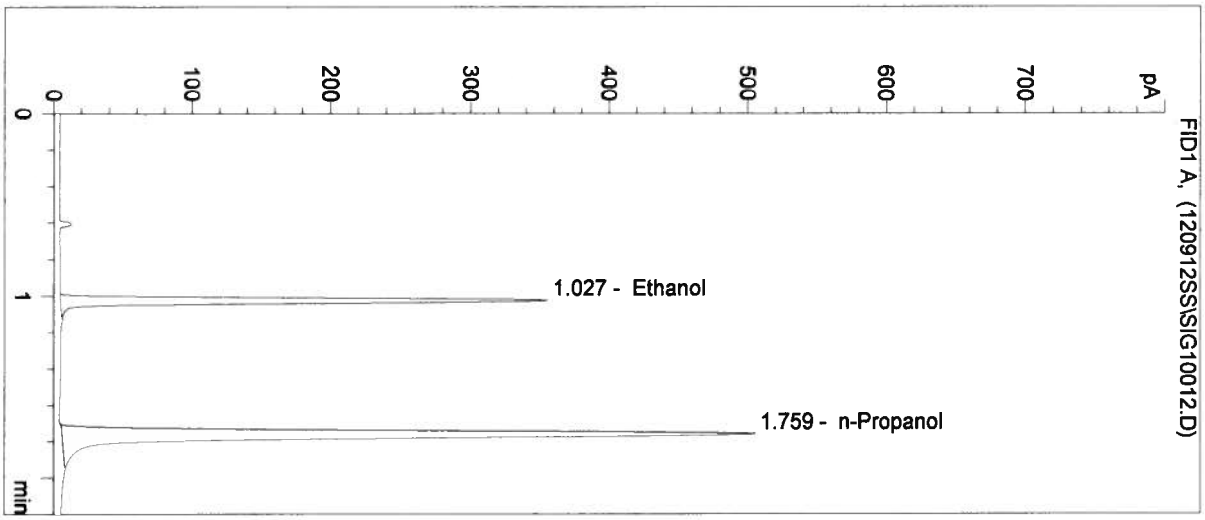
n-Propanol 0.012 g/100mL

SHS

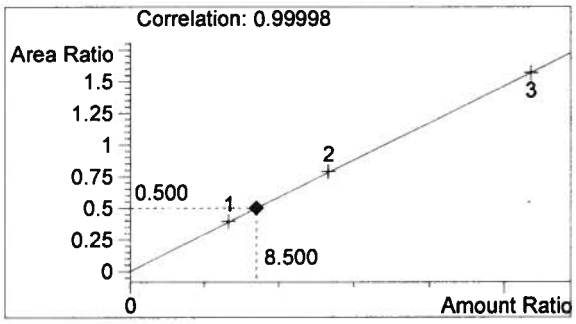
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 3:03:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

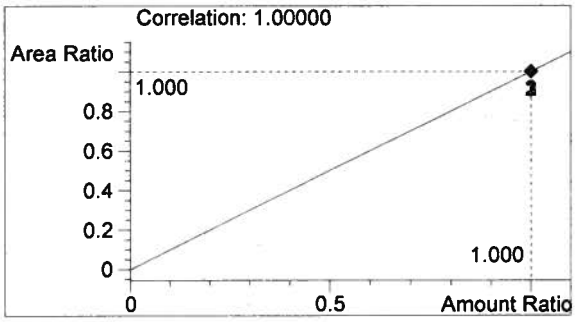
Sample Name: 12042-3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.027
2	n-Propanol	1395	1.759



Ethanol 0.102 g/100mL

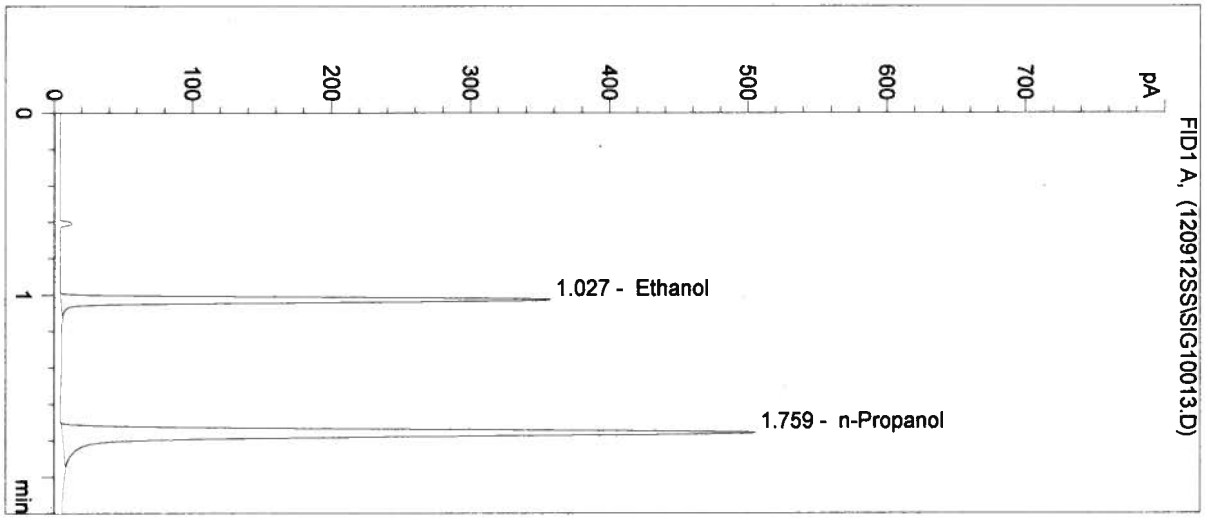


n-Propanol 0.012 g/100mL

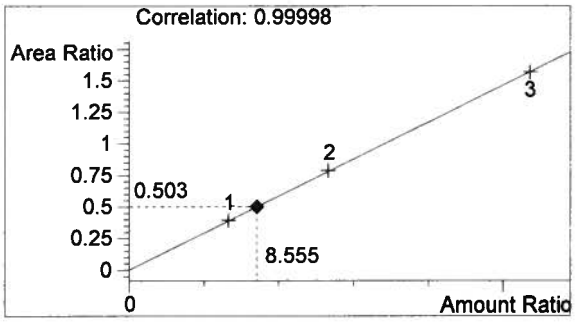
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 3:06:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

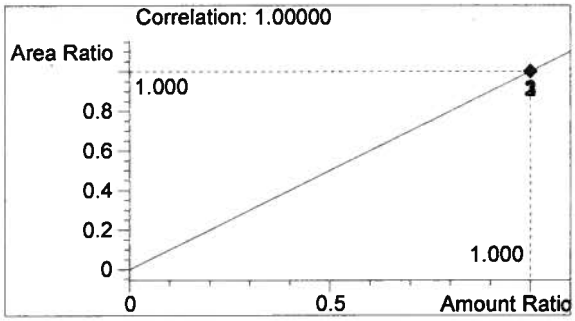
Sample Name: 12042-4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.027
2	n-Propanol	1398	1.759



Ethanol 0.103 g/100mL



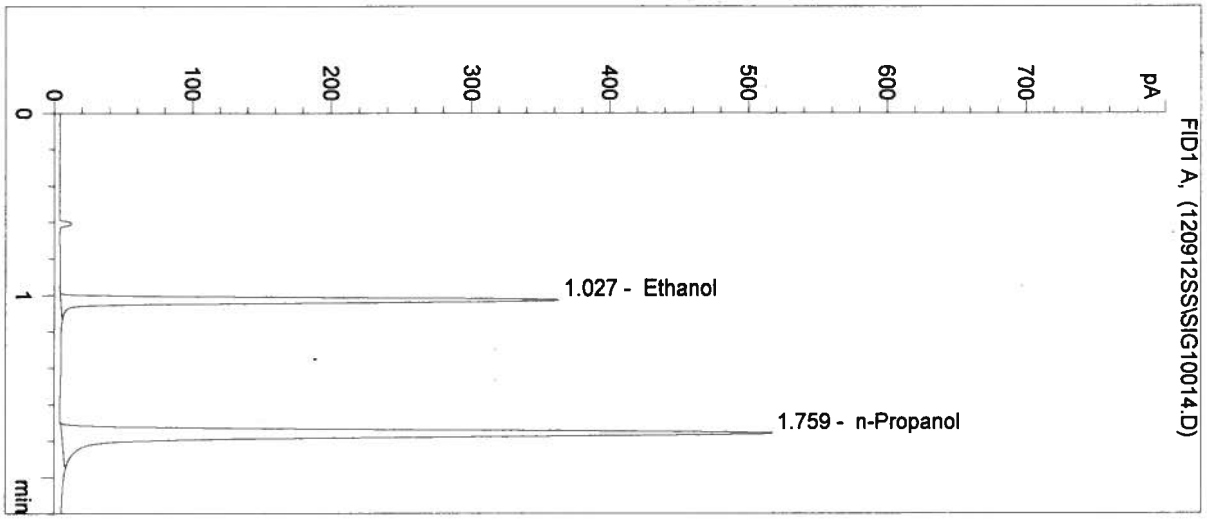
n-Propanol 0.012 g/100mL

SMS

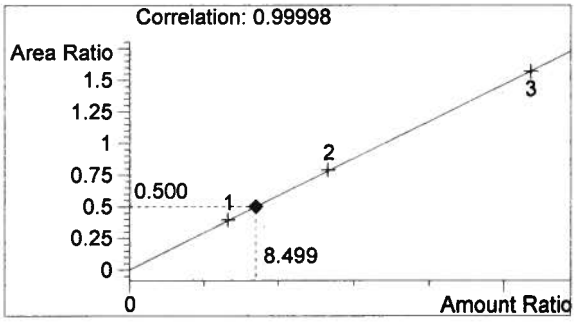
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 3:09:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

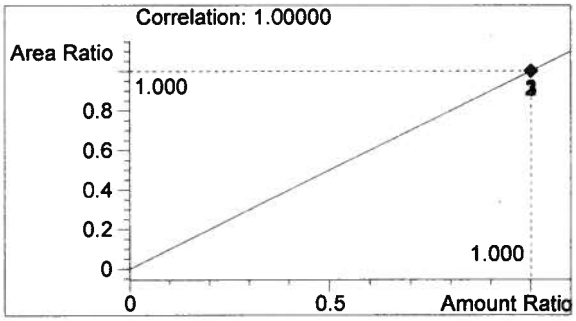
Sample Name: 12042-5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.027
2	n-Propanol	1430	1.759



Ethanol 0.102 g/100mL



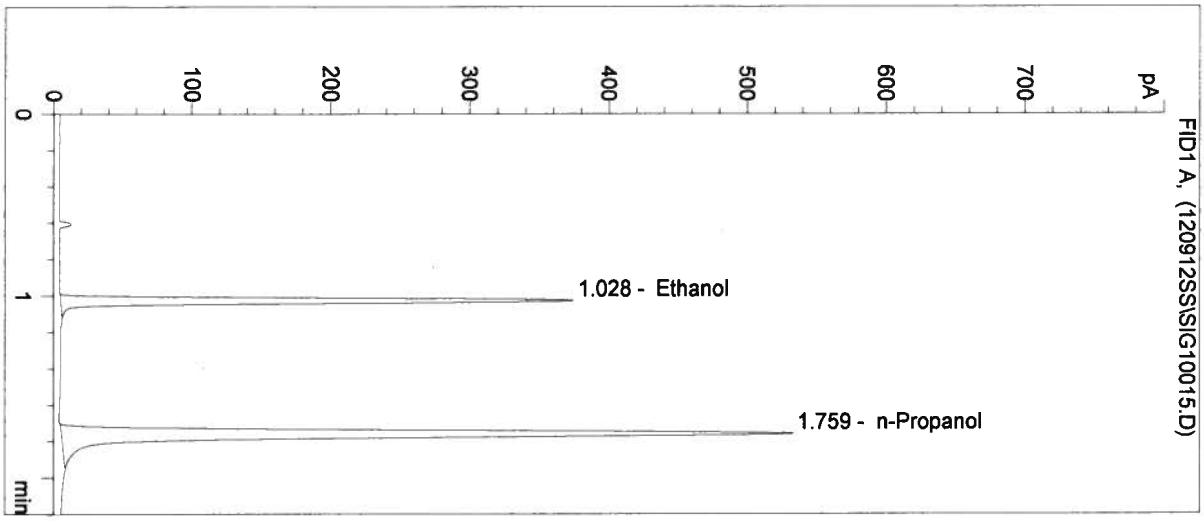
n-Propanol 0.012 g/100mL

SMS

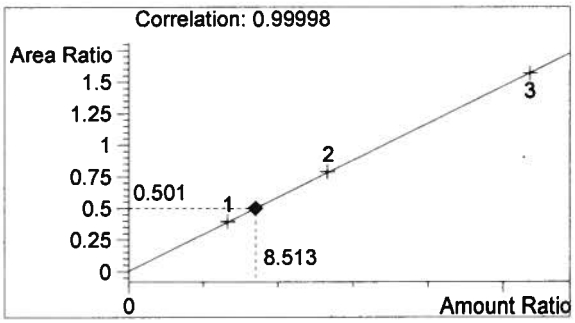
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 3:12:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control 2 - Lot# A083355 - Exp. 12/2015

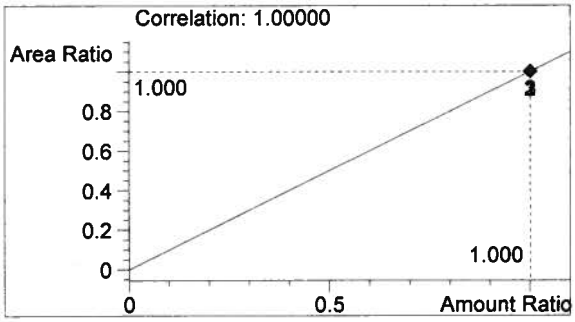
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	737	1.028
2	n-Propanol	1472	1.759



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

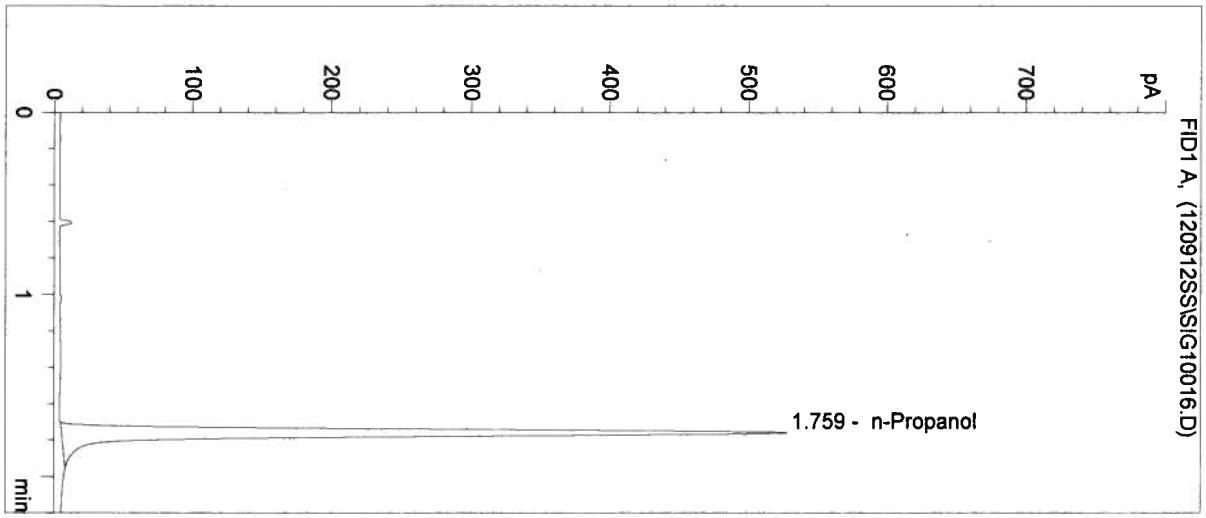
12042

SMS

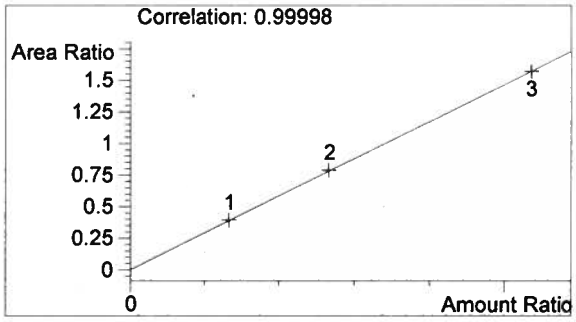
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2012 3:15:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

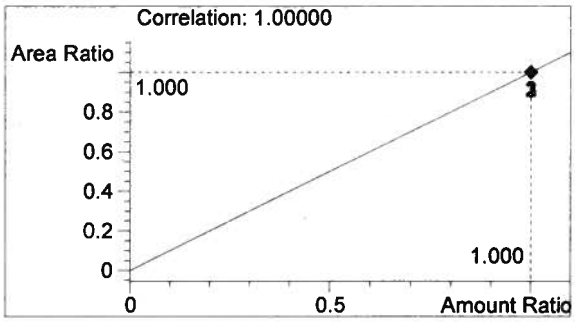
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1461	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

SMS

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\2\DATA\
Data Subdirectory:	120914L2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012
0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016
n-Propanol ISTD Lot# P0812 exp 11/15/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
3	Vial 3	Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
4	Vial 4	Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012
5	Vial 5	
6	Vial 6	0.04 Control - Lot #A077459 - Exp. 02/2015
7	Vial 7	0.10 Control - Lot #A083355 - Exp. 12/2015
8	Vial 8	0.20 Control - Lot #A084657 - Exp. 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

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

Line	Location	Sample Information
15	Vial 15	0.10 Control - Lot #A083355 - Exp. 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042 #1	SIMALC3	1	Sample		
11	Vial 11	12042 #2	SIMALC3	1	Sample		
12	Vial 12	12042 #3	SIMALC3	1	Sample		
13	Vial 13	12042 #4	SIMALC3	1	Sample		
14	Vial 14	12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

Calibration Table

Calib. Data Modified : Friday, September 14, 2012 10:42:03 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
1.027	1	1	7.97000e-2	549.85712	1.44947e-4	1		Ethanol
		2	1.59870e-1	1101.19287	1.45179e-4			
		3	3.21590e-1	2233.78735	1.43966e-4			
1.758	1	1	1.20000e-2	1409.84155	8.51159e-6	I1		n-Propanol
		2	1.20000e-2	1392.90210	8.61511e-6			
		3	1.20000e-2	1398.10815	8.58303e-6			

Peak Sum Table

No Entries in table

12042

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Calibration Curves

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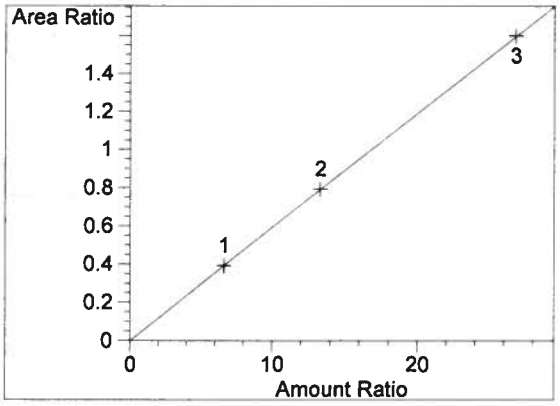
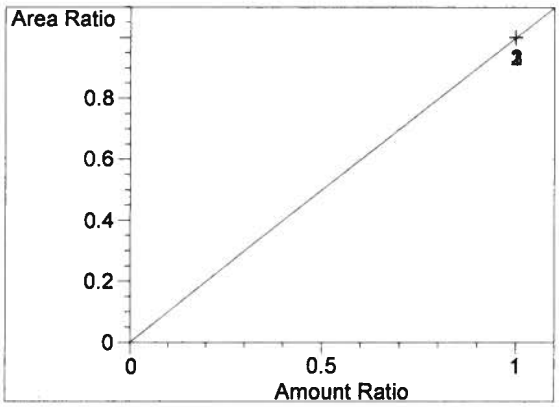


Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00349
Formula: y = mx + b
m: 5.96795e-2
b: -3.12520e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.758
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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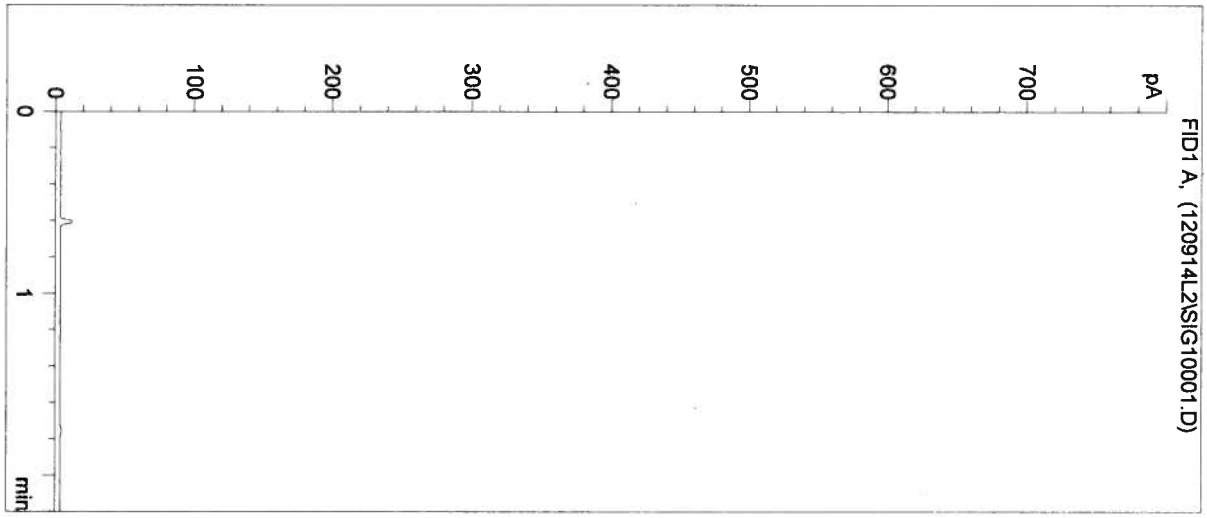
12042

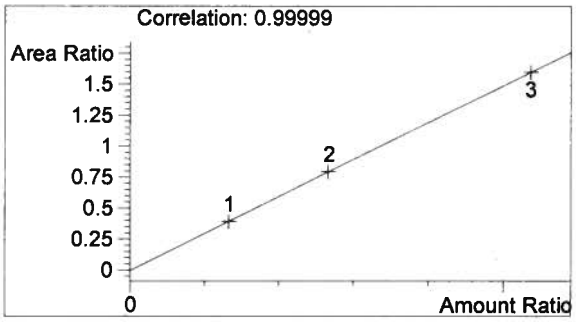
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:30:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

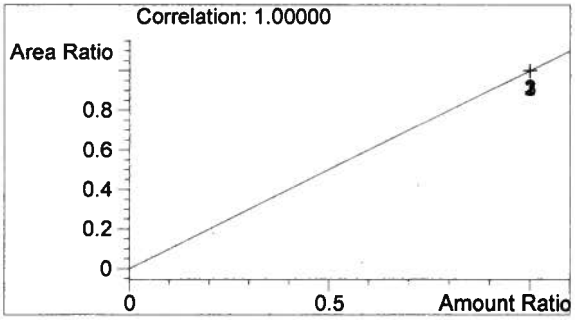
Sample Name: BLANK
Operator: Lisa Noble
Location: Vial 1



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



Ethanol 0.000 g/100mL



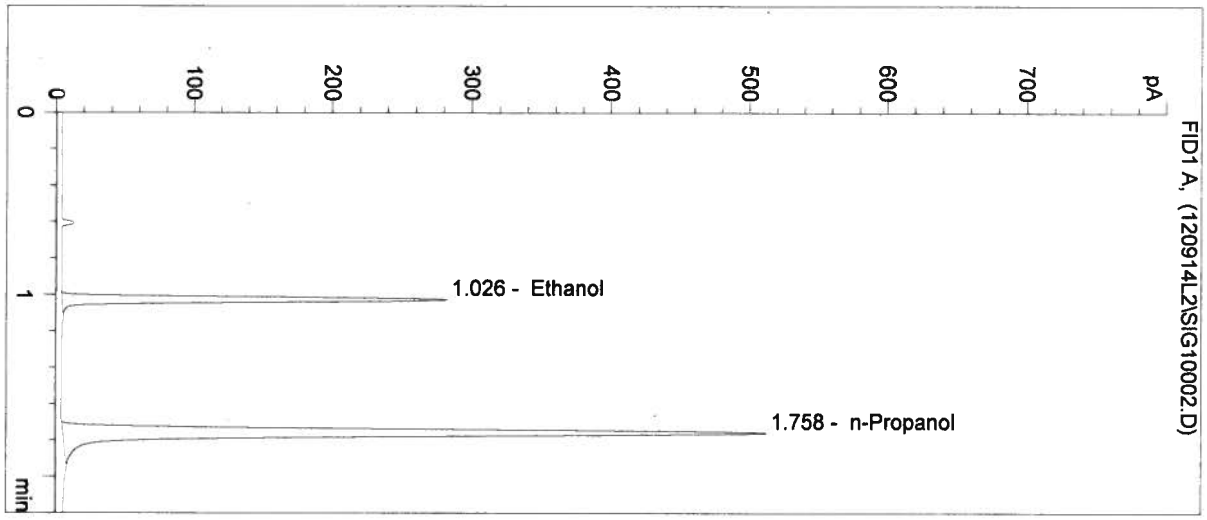
n-Propanol 0.000 g/100mL

12042

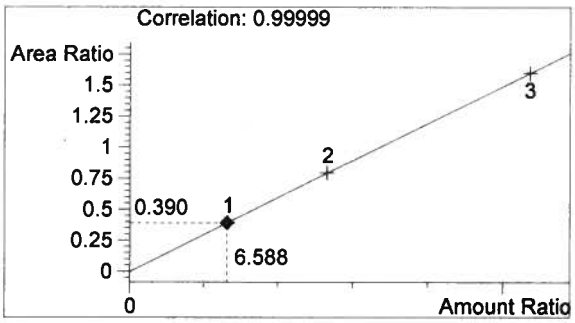
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:33:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012

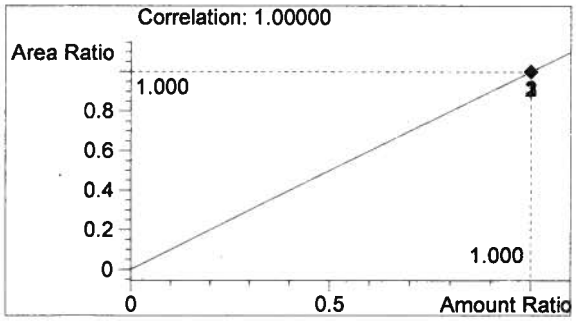
Sample Name: 0.079 CAL
Operator: Lisa Noble
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	550	1.026
2	n-Propanol	1410	1.758



Ethanol 0.079 g/100mL

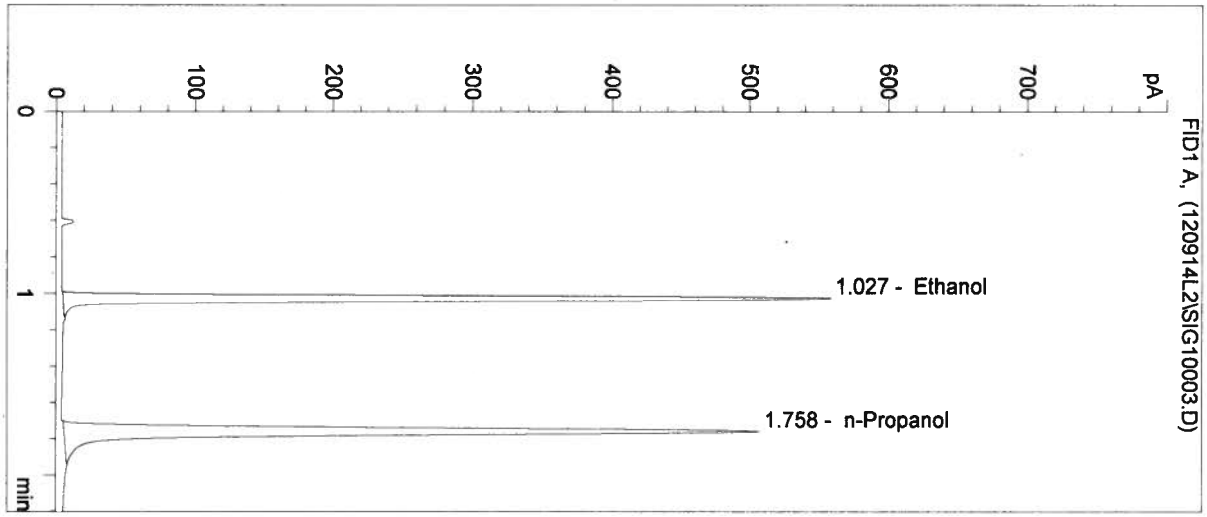


n-Propanol 0.012 g/100mL

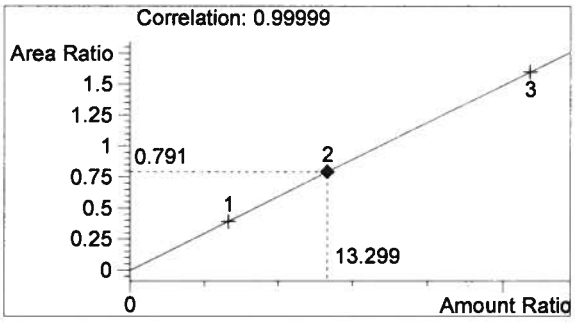
12042

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

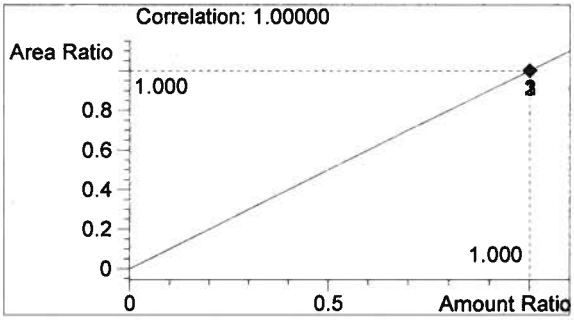
Inj. Date: 9/14/2012 10:36:43 AM
Sample Name: 0.158 CAL
Instrument: HSGC#3
Operator: Lisa Noble
Column: DB-ALC2
Location: Vial 3
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	1101	1.027
2	n-Propanol	1393	1.758



Ethanol 0.160 g/100mL

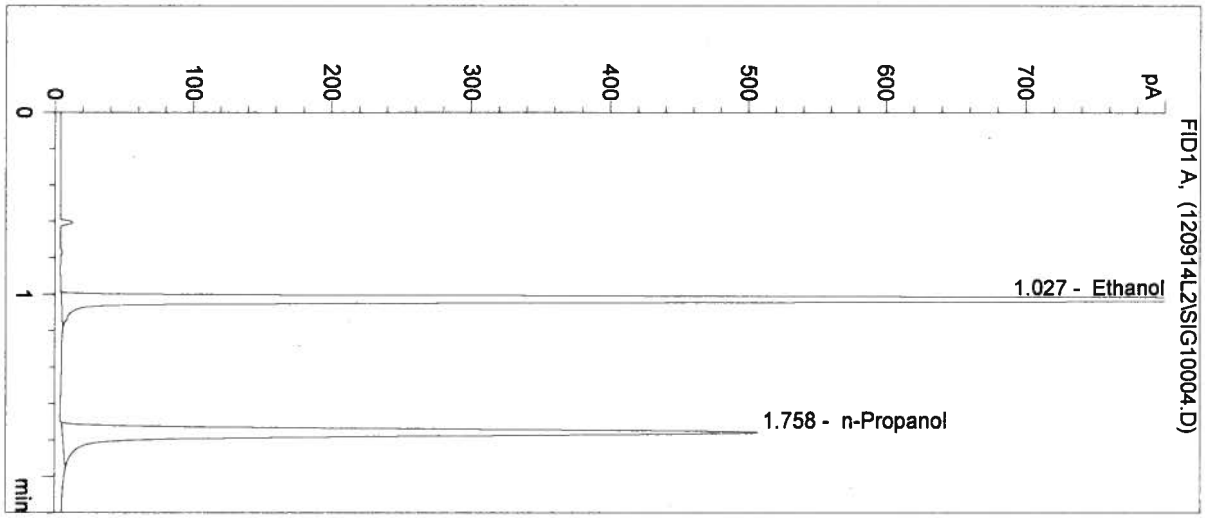


n-Propanol 0.012 g/100mL

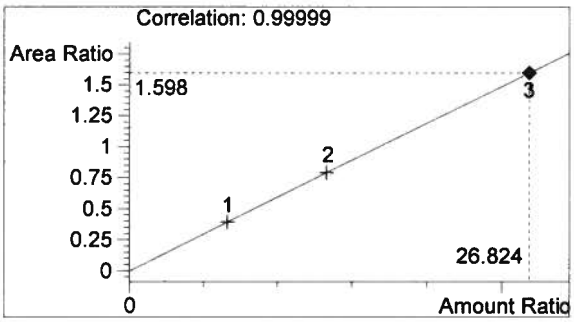
12042

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

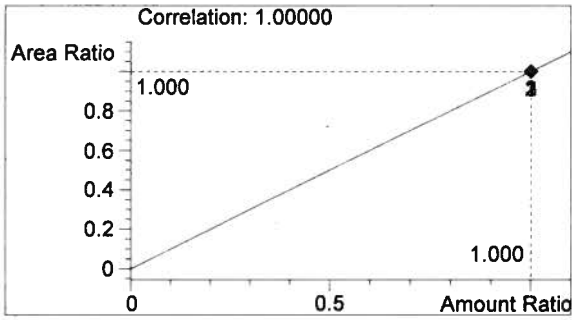
Inj. Date: 9/14/2012 10:39:51 AM
Sample Name: 0.316 CAL
Instrument: HSGC#3
Operator: Lisa Noble
Column: DB-ALC2
Location: Vial 4
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012



#	Compound	Peak Area	RT (min)
1	Ethanol	2234	1.027
2	n-Propanol	1398	1.758



Ethanol 0.322 g/100mL



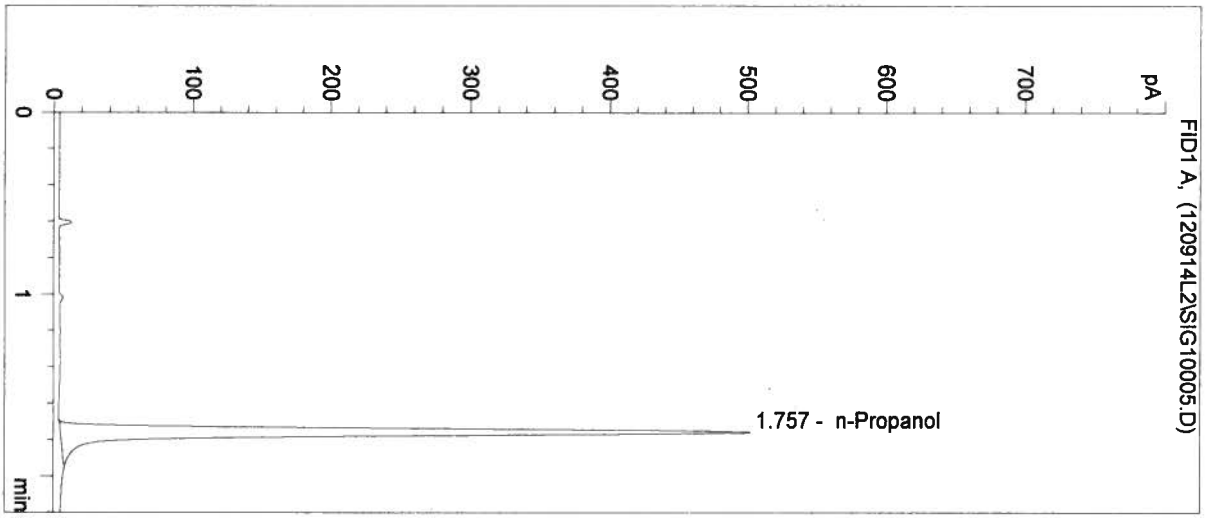
n-Propanol 0.012 g/100mL

12042

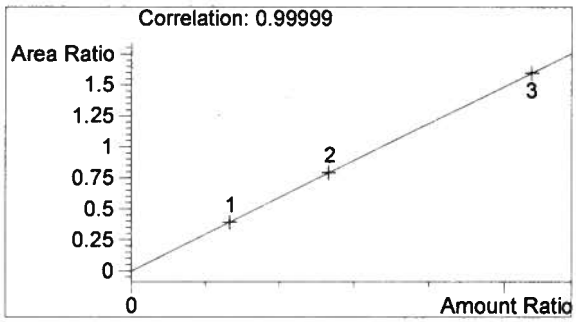
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:42:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

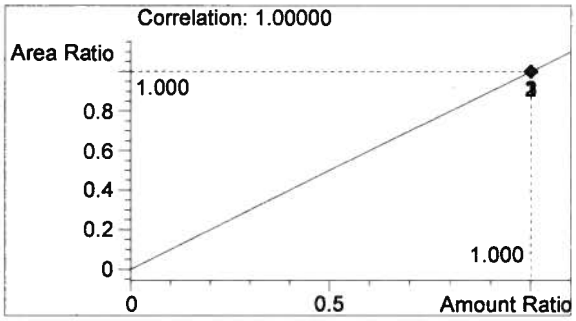
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1389	1.757



Ethanol 0.000 g/100mL

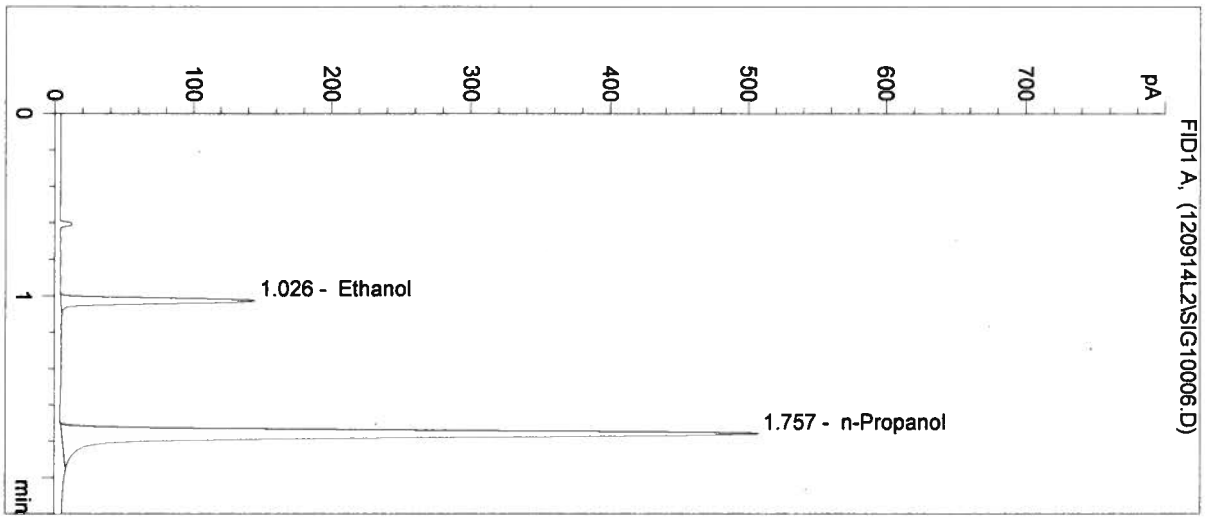


n-Propanol 0.012 g/100mL

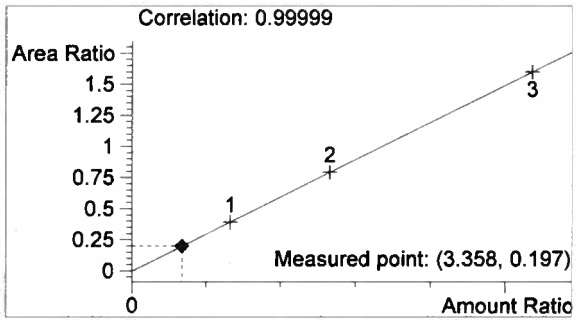
12042

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

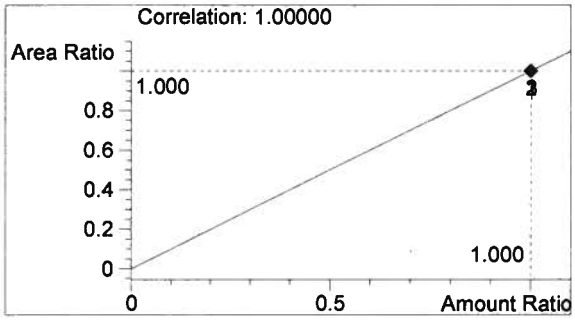
Inj. Date: 9/14/2012 10:46:06 AM
Sample Name: 0.04 CTRL - LN
Instrument: HSGC#3
Operator: Lisa Noble
Column: DB-ALC2
Location: Vial 6
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04 Control - Lot #A077459 - Exp. 02/2015



#	Compound	Peak Area	RT (min)
1	Ethanol	277	1.026
2	n-Propanol	1404	1.757



Ethanol 0.040 g/100mL



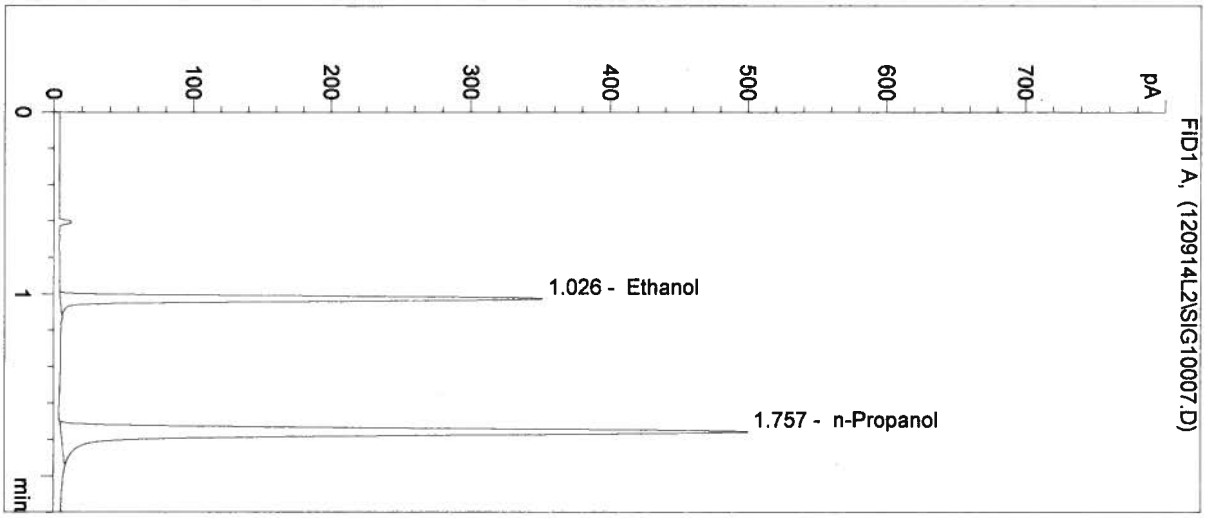
n-Propanol 0.012 g/100mL

12048

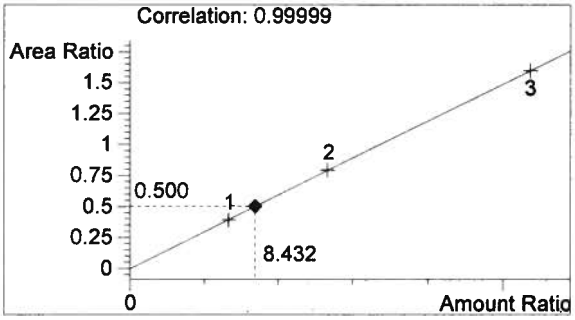
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:49:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015

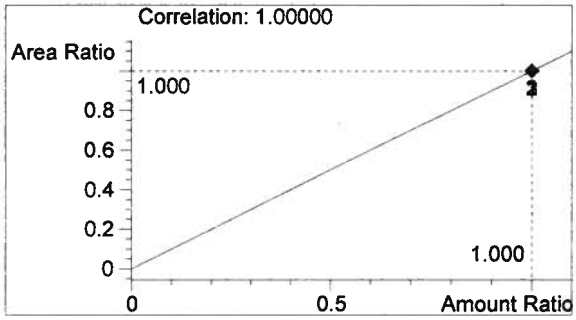
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.026
2	n-Propanol	1385	1.757



Ethanol 0.101 g/100mL



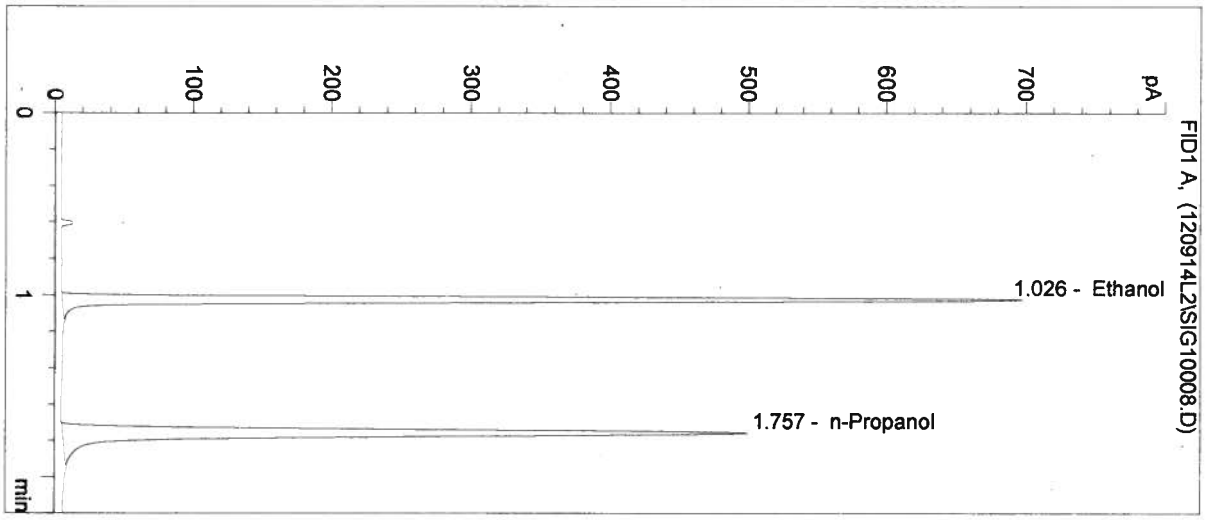
n-Propanol 0.012 g/100mL

12042

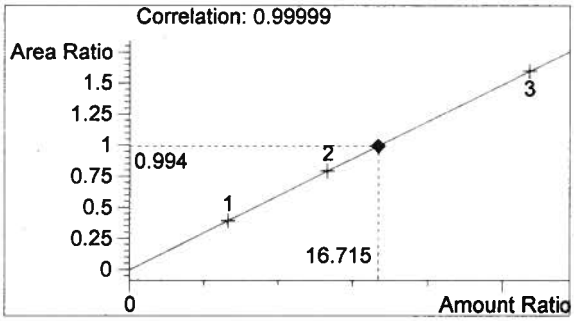
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:52:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20 Control - Lot #A084657 - Exp. 02/2016

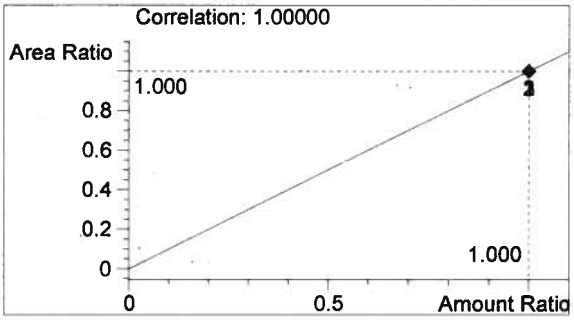
Sample Name: 0.20 CTRL - LN
Operator: Lisa Noble
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1370	1.026
2	n-Propanol	1378	1.757



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

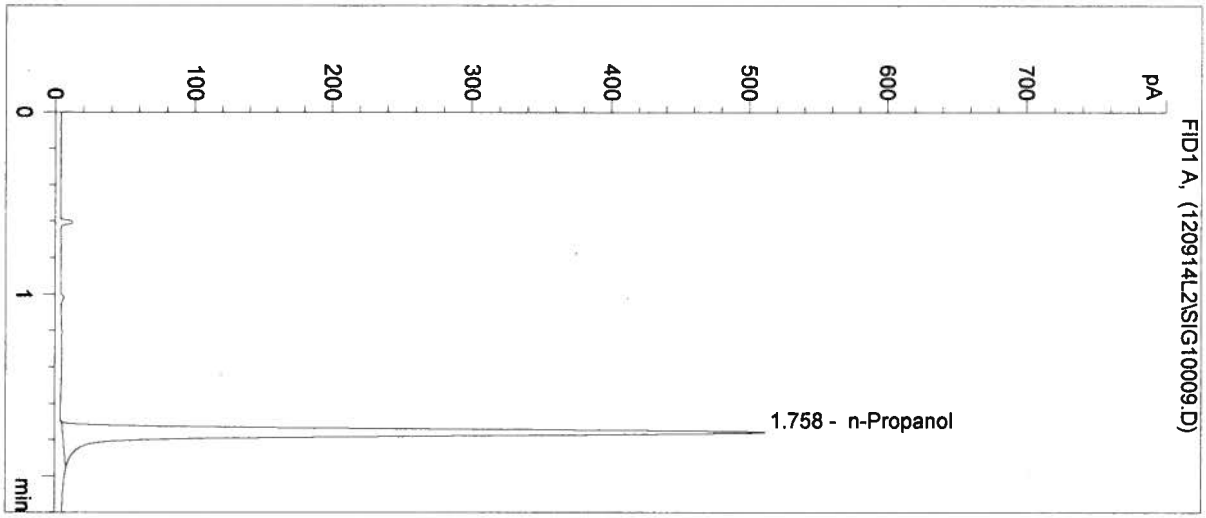
12042

Data File: C:\HPCHEM\2\DATA\120914L2\SIG10008.D

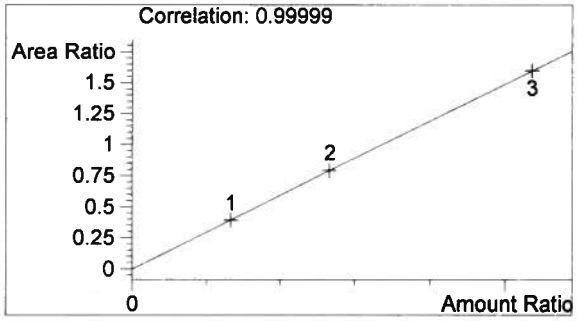
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 10:55:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

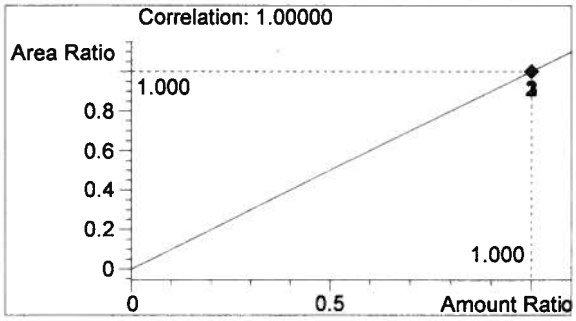
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1416	1.758



Ethanol 0.000 g/100mL

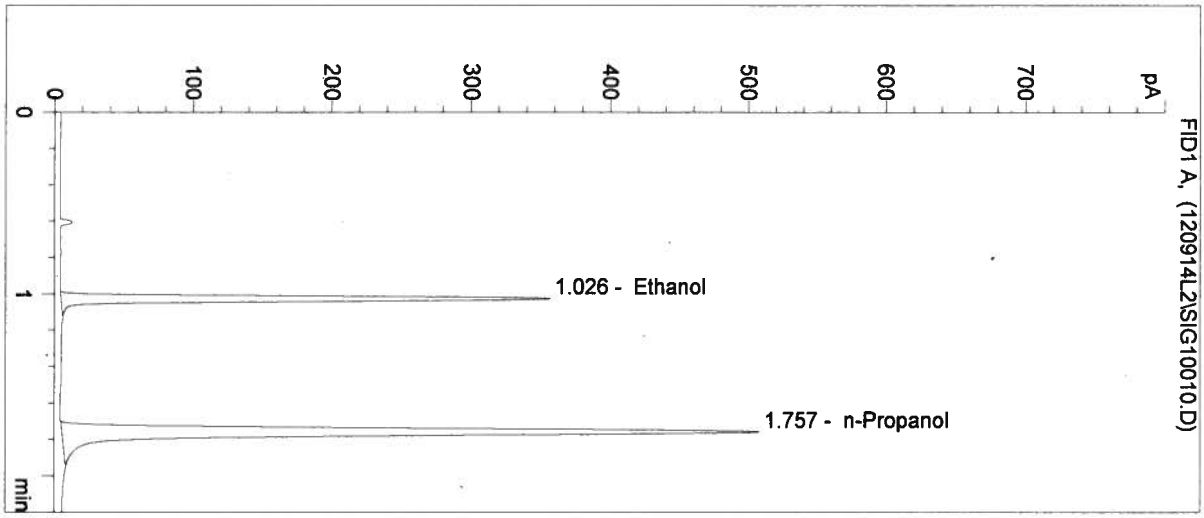


n-Propanol 0.012 g/100mL

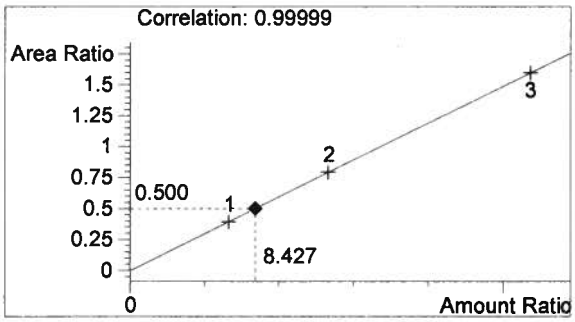
12042

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

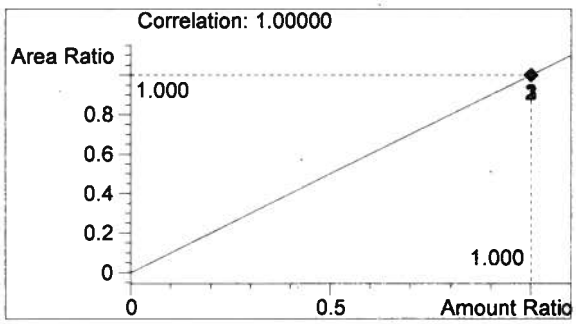
Inj. Date: 9/14/2012 10:58:37 AM
Sample Name: 12042 #1
Instrument: HSGC#3
Operator: Lisa Noble
Column: DB-ALC2
Location: Vial 10
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.026
2	n-Propanol	1409	1.757



Ethanol 0.101 g/100mL

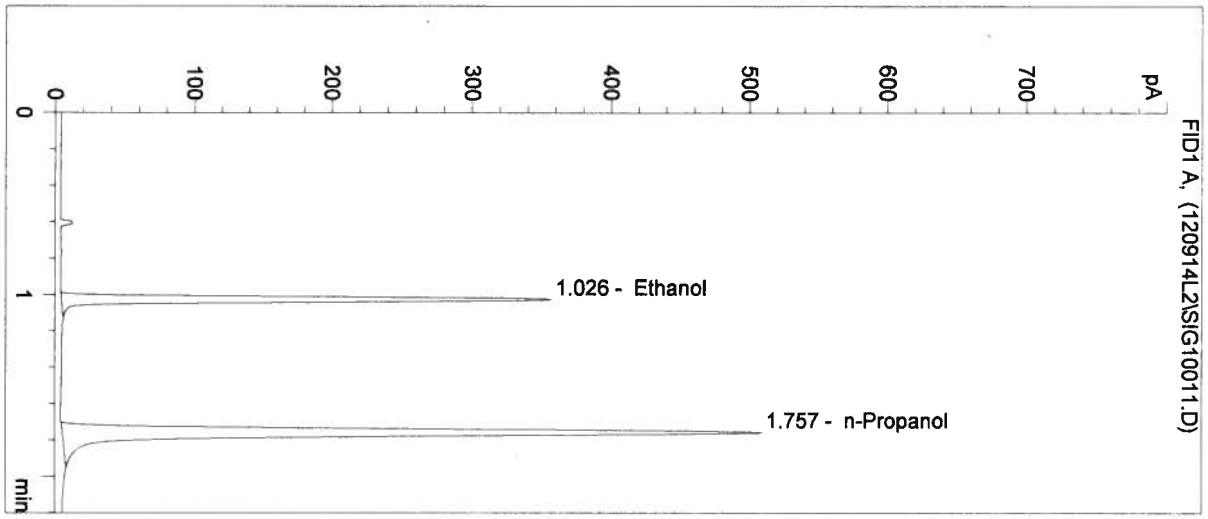


n-Propanol 0.012 g/100mL

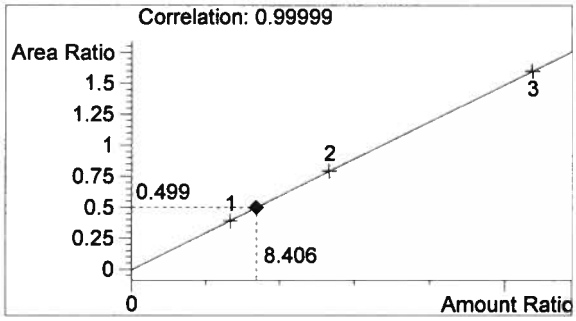
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:01:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

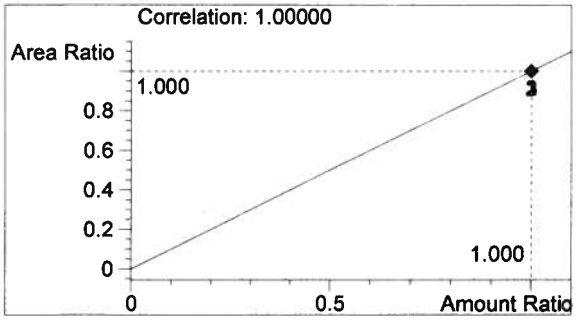
Sample Name: 12042 #2
Operator: Lisa Noble
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.026
2	n-Propanol	1409	1.757



Ethanol 0.101 g/100mL

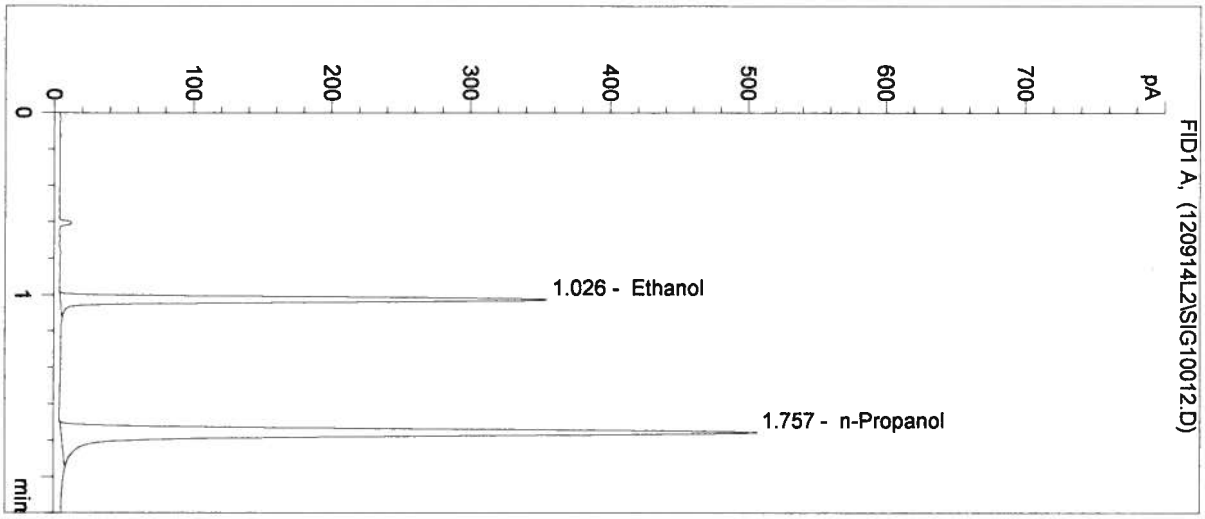


n-Propanol 0.012 g/100mL

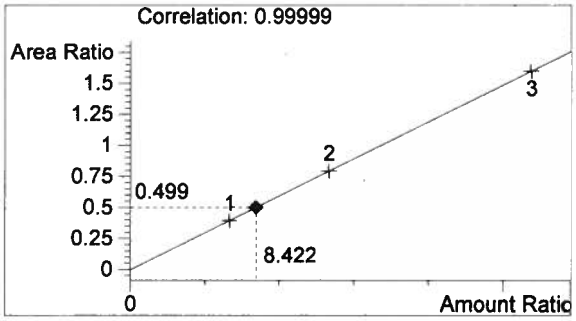
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:04:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

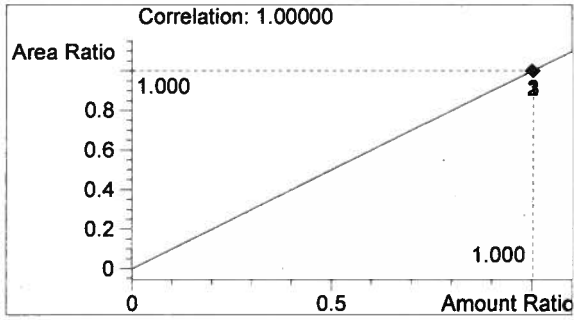
Sample Name: 12042 #3
Operator: Lisa Noble
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.026
2	n-Propanol	1406	1.757



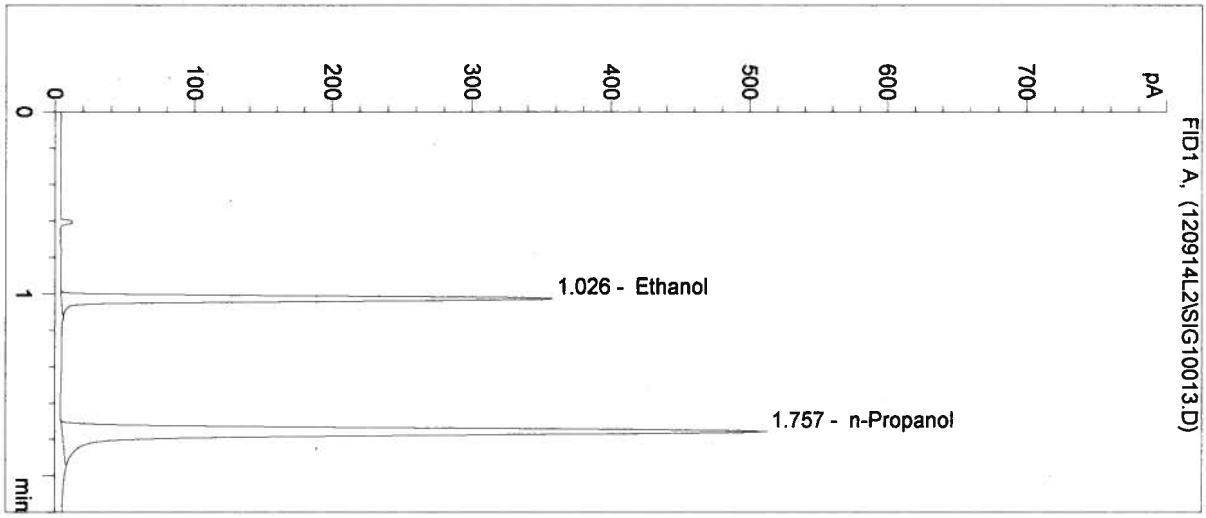
Ethanol 0.101 g/100mL



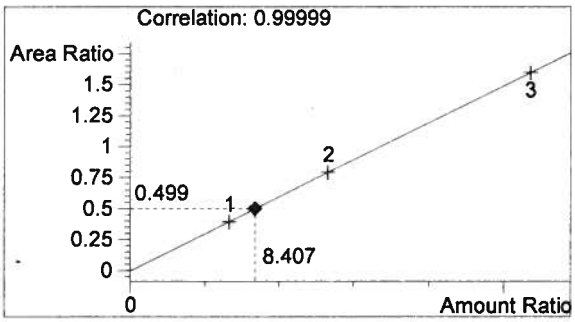
n-Propanol 0.012 g/100mL

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

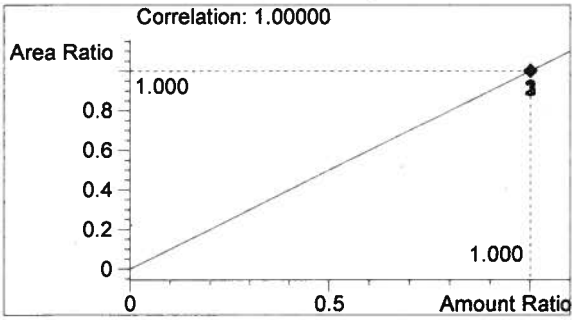
Inj. Date: 9/14/2012 11:08:00 AM
Sample Name: 12042 #4
Instrument: HSGC#3
Operator: Lisa Noble
Column: DB-ALC2
Location: Vial 13
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.026
2	n-Propanol	1422	1.757



Ethanol 0.101 g/100mL

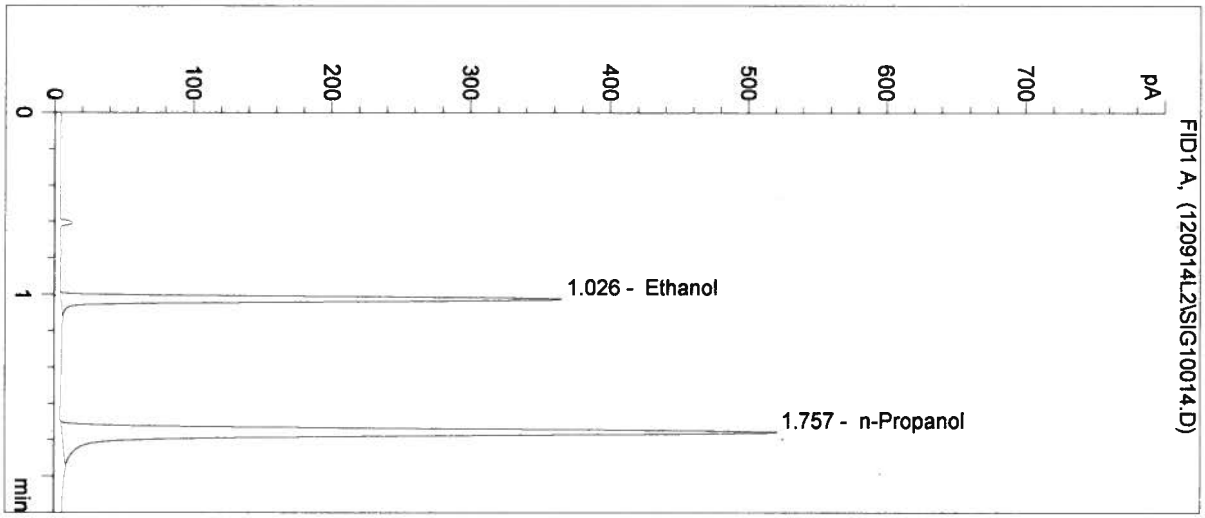


n-Propanol 0.012 g/100mL

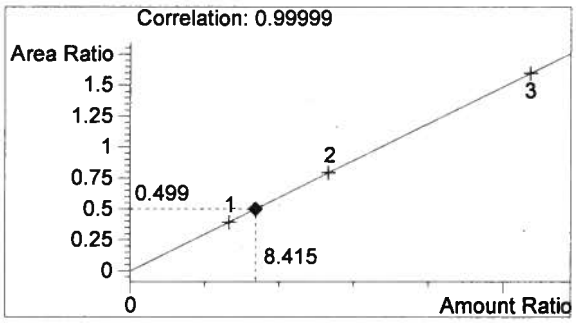
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:11:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

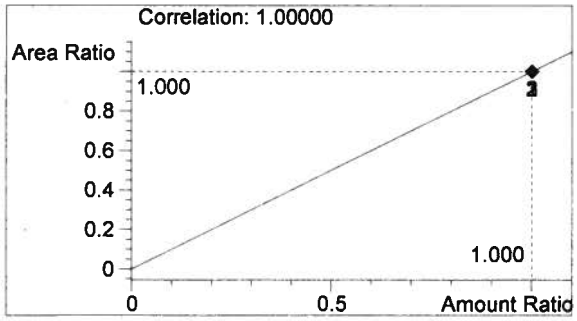
Sample Name: 12042 #5
Operator: Lisa Noble
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.026
2	n-Propanol	1442	1.757



Ethanol 0.101 g/100mL

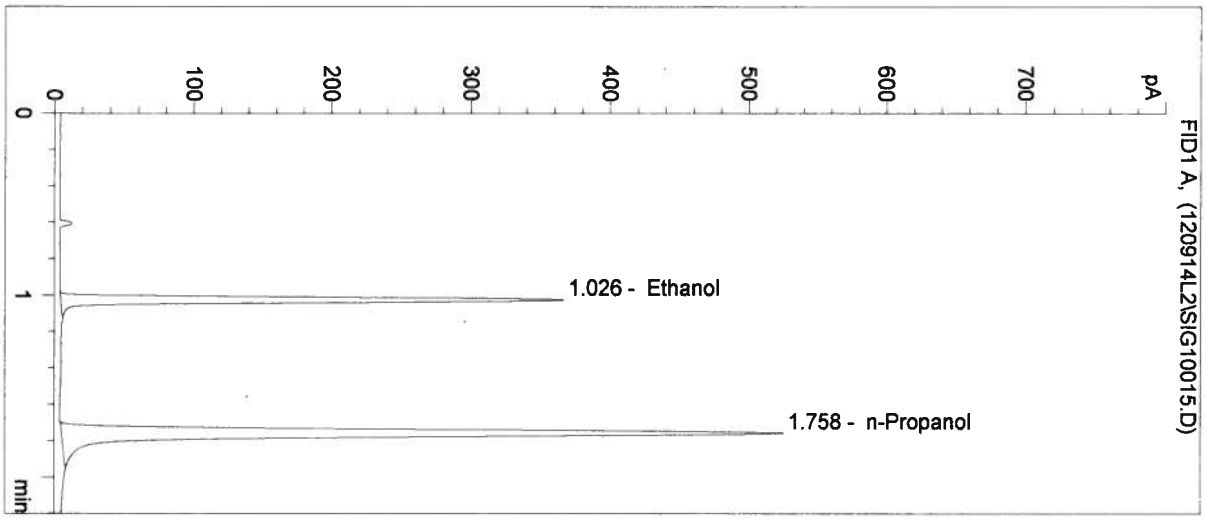


n-Propanol 0.012 g/100mL

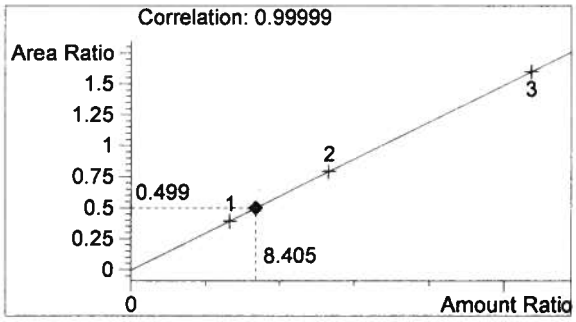
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:14:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015

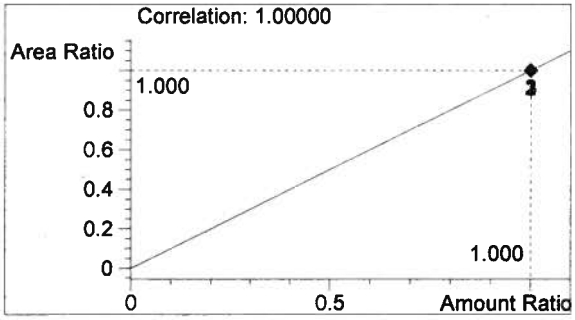
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.026
2	n-Propanol	1461	1.758



Ethanol 0.101 g/100mL



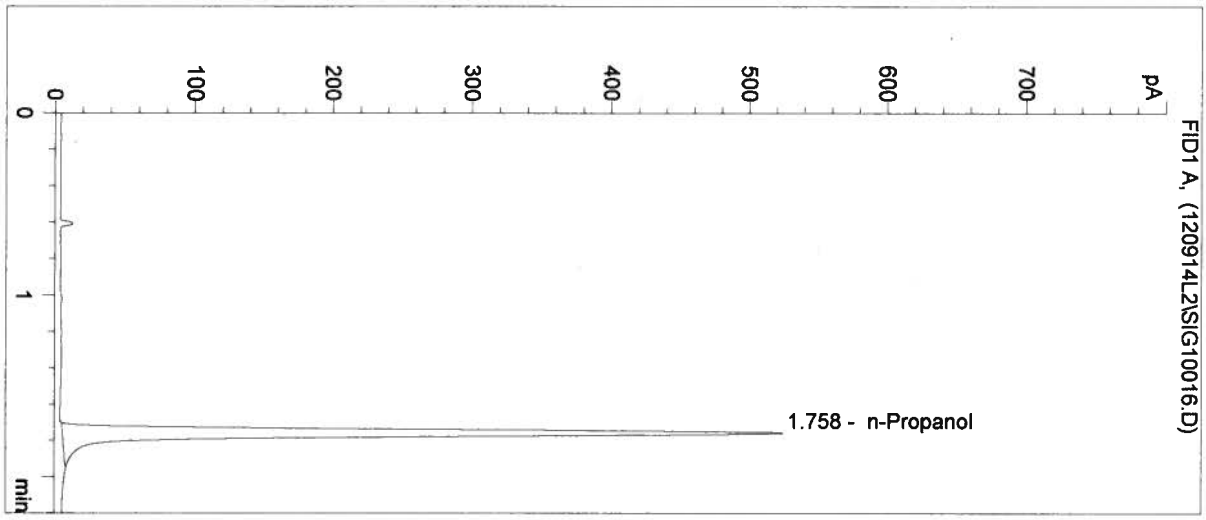
n-Propanol 0.012 g/100mL

12042

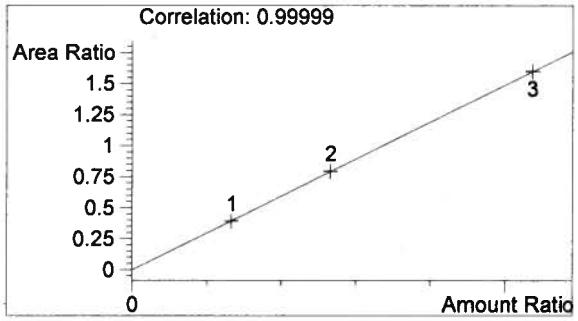
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 11:17:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

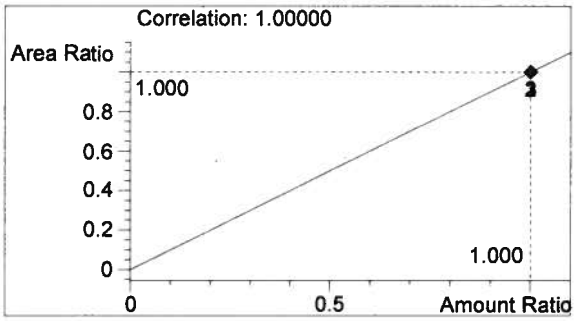
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1448	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

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

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120914CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E0612-01 - Exp. 09/25/2012
0.158 Calibrator 2 - Lot# E0612-02 - Exp. 09/25/2012
0.316 Calibrator 3 - Lot# E0612-03 - Exp. 09/25/2012
0.04 Control 1 - Lot# A077459 - Exp. 02/2015
0.10 Control 2 - Lot# A083355 - Exp. 12/2015
0.20 Control 3 - Lot# A084657 - Exp. 02/2016
n-Propanol ISTD - Lot# P0812 - Exp. 11/15/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Cal 1 Lot # ~~E0112-01~~ E0612-01 CJ 9/17/12
3	Vial 3	Cal 2 Lot # ~~E0112-02~~ E0612-02 CJ 9/17/12
4	Vial 4	Cal 3 Lot # ~~E0112-03~~ E0612-03 CJ 9/17/12
5	Vial 5	
6	Vial 6	0.04 control lot# a077459 exp 02/~~2012~~ 2015 CJ 9/19/12
7	Vial 7	0.10 control lot# a083355 exp 12/2015
8	Vial 8	0.20 control lot# ~~a076521~~ A084657 CJ 9/17/12 exp ~~12/2014~~ 02/2016 CJ 9/17/12
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12042

CJ

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

Line	Location	Sample Information
15	Vial 15	0.10 control lot# a083355 - exp 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 12042 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 12042 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 12042 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 12042 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12042

CJ

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

Calibration Table

Calib. Data Modified : Friday, September 14, 2012 7:57:01 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.027	1	1	7.97000e-2	551.28363	1.44572e-4		1	Ethanol
		2	1.59870e-1	1100.29395	1.45298e-4			
		3	3.21590e-1	2185.42334	1.47152e-4			
1.758	1	1	1.20000e-2	1397.13110	8.58903e-6		I1	n-Propanol
		2	1.20000e-2	1395.17725	8.60106e-6			
		3	1.20000e-2	1382.43835	8.68031e-6			

Peak Sum Table

No Entries in table

12042

CW

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Calibration Curves

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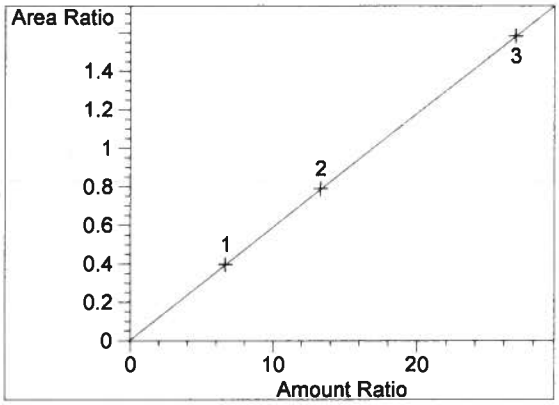
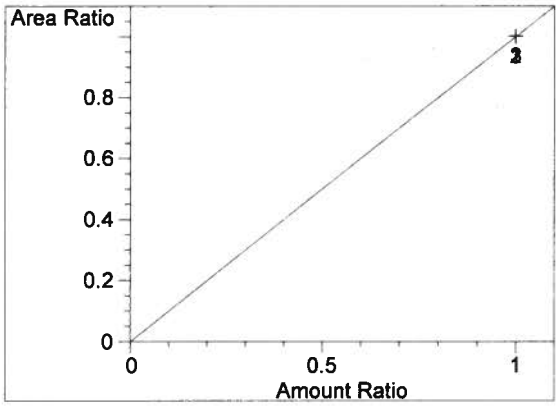


Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00194
Formula: y = mx + b
m: 5.89642e-2
b: 1.67729e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.758
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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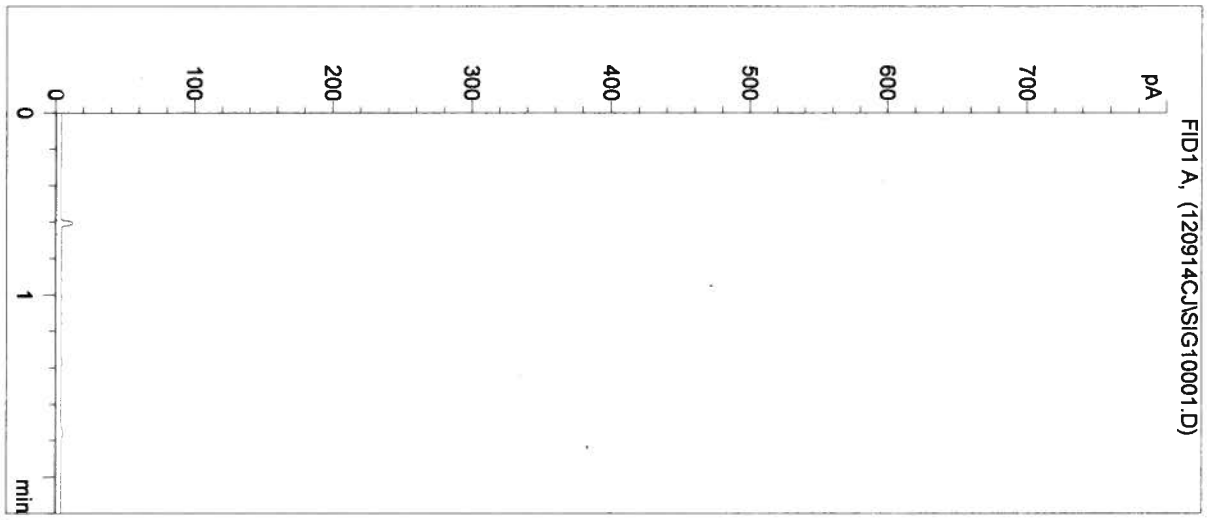
12042

CJ

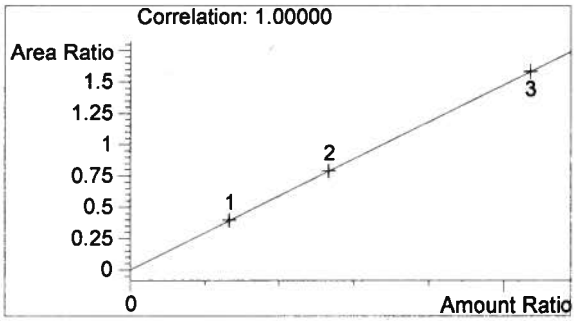
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:45:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

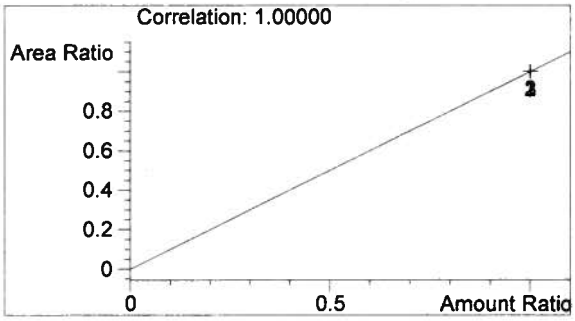
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

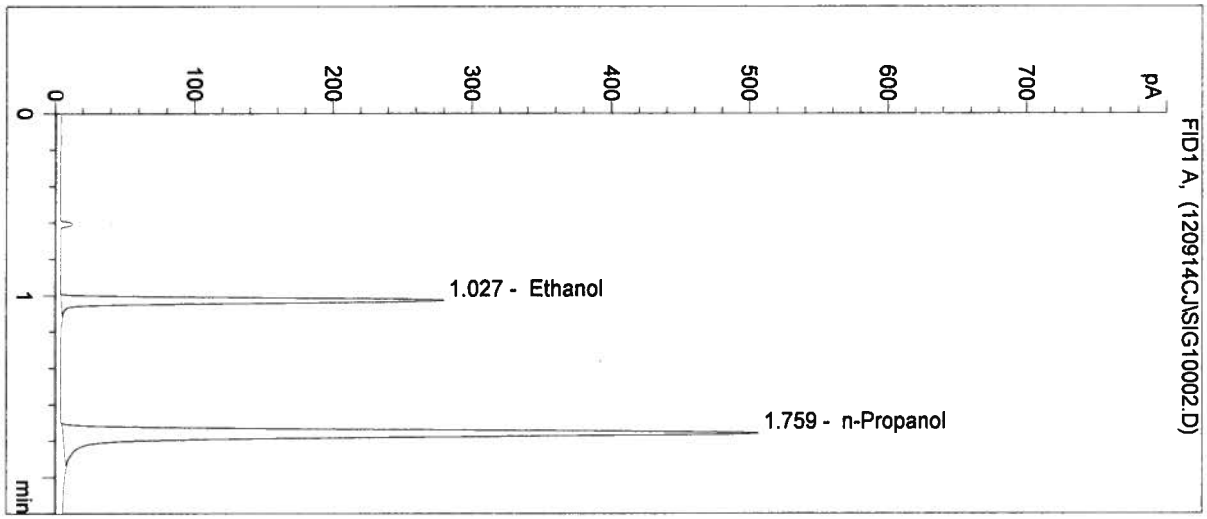
12042

CJ

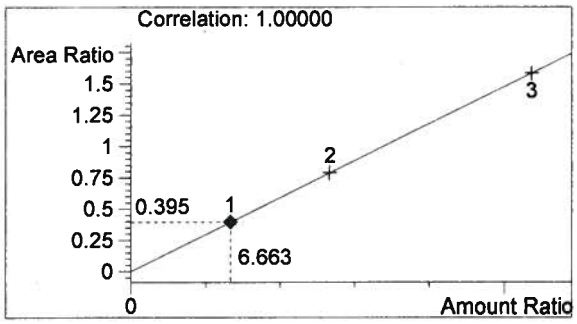
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:48:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Cal 1 Lot # ~~E0112-01~~ E0612-01 CJ 9/17/12

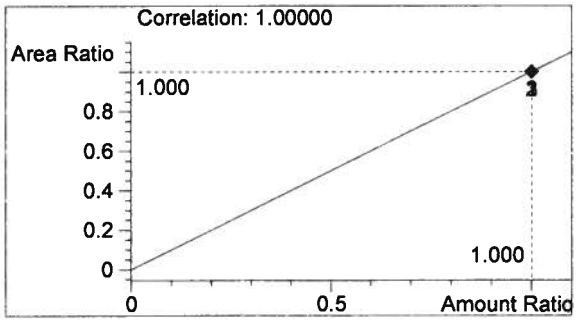
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	551	1.027
2	n-Propanol	1397	1.759



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

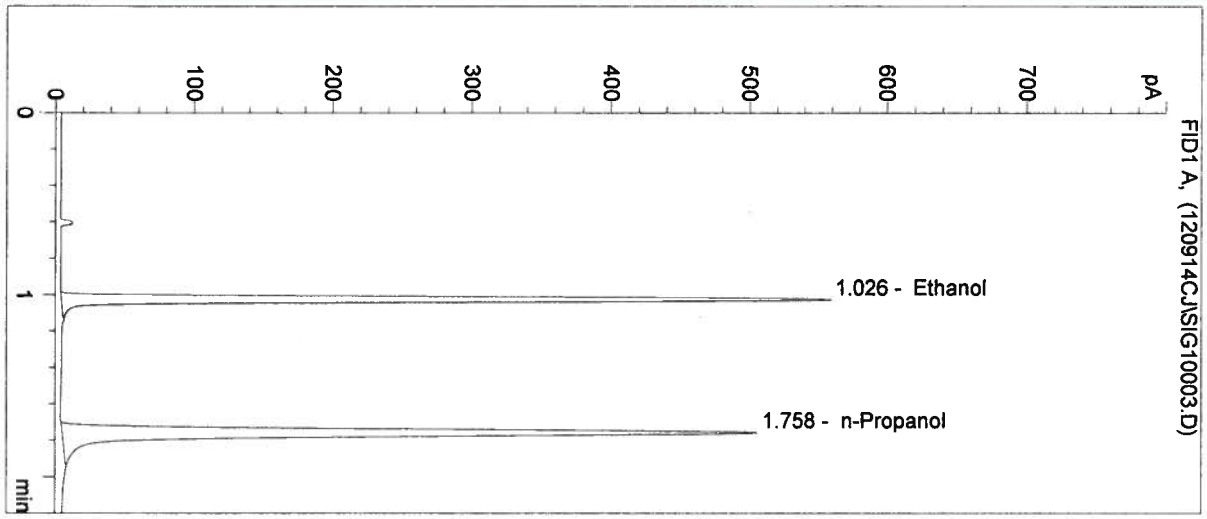
12042

CJ

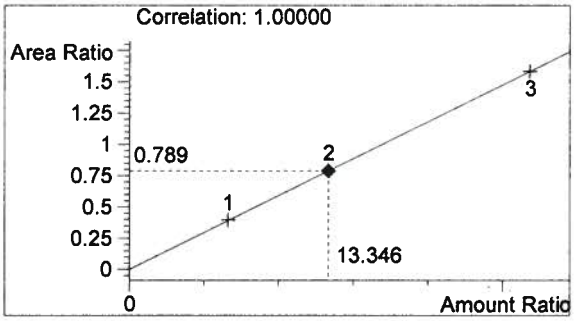
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:51:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Cal 2 Lot # ~~E0112-02~~ E0612-02 CJ 9/17/12

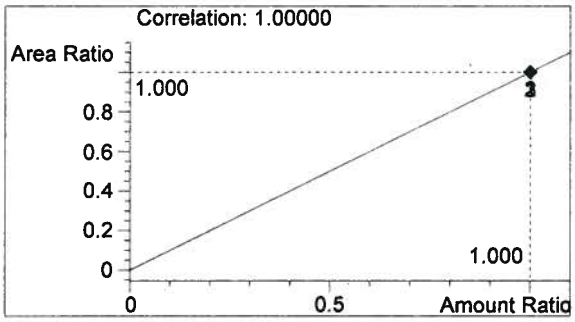
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.026
2	n-Propanol	1395	1.758



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

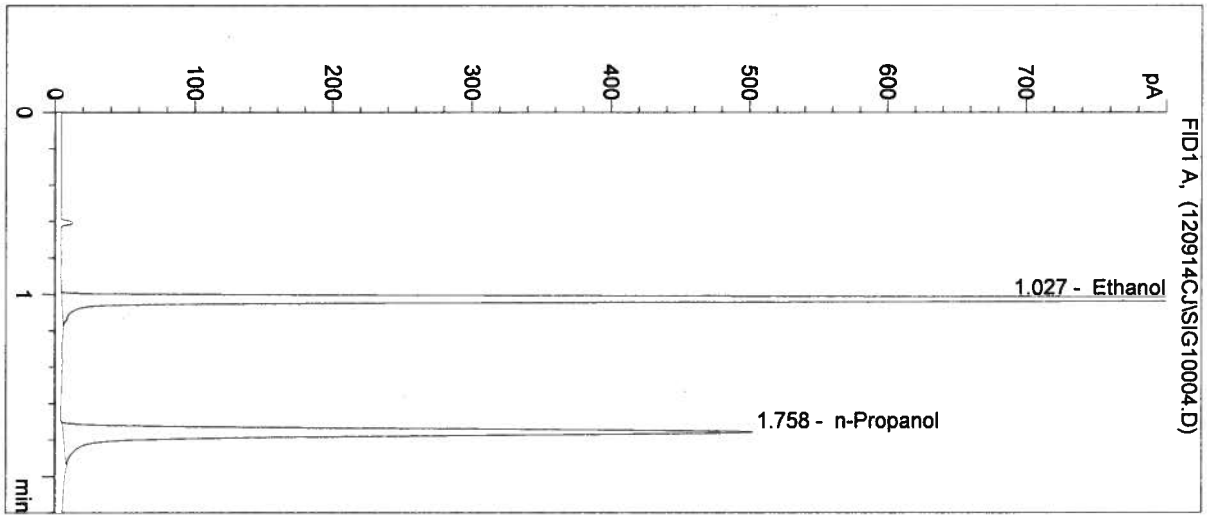
12042

CJ

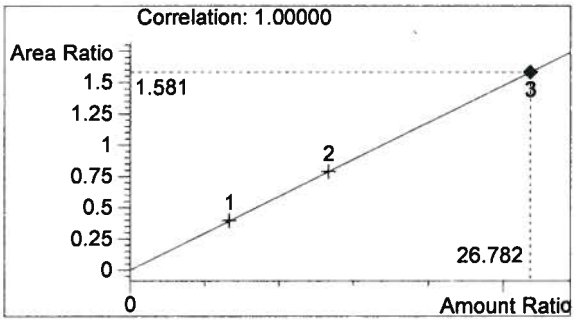
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:54:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Cal 3 Lot # ~~E0112-03~~ E0612-03 CJ 9/17/12

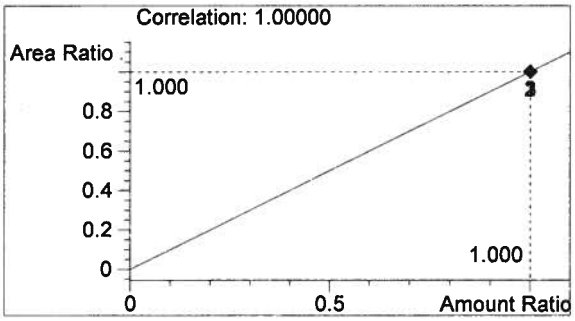
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2185	1.027
2	n-Propanol	1382	1.758



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

12042

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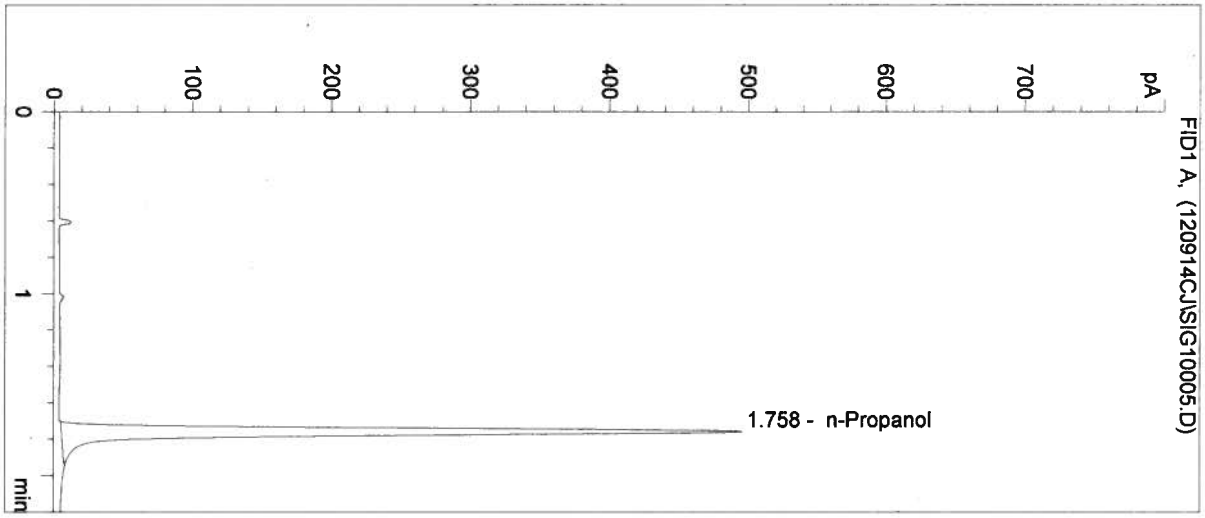
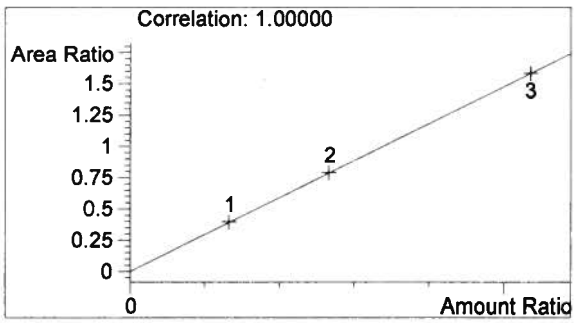
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 7:57:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

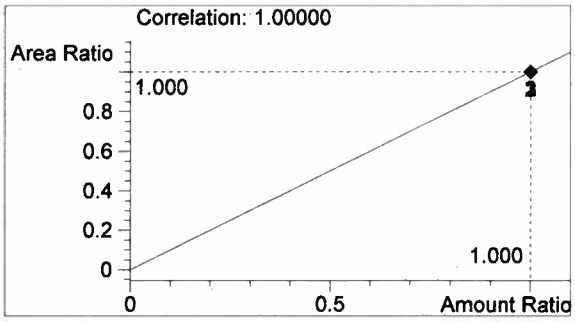
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1365	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

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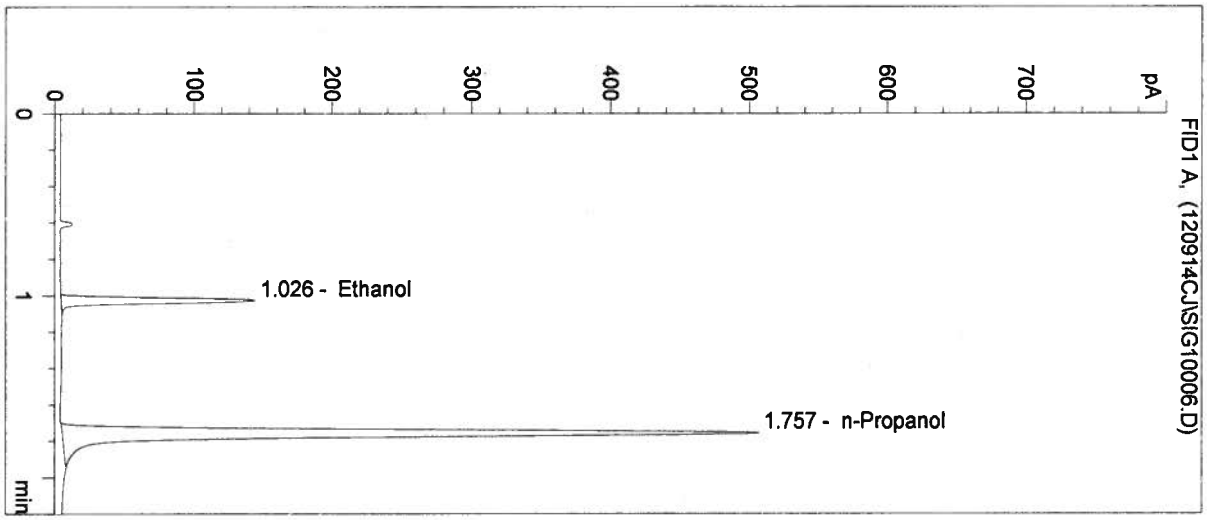
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

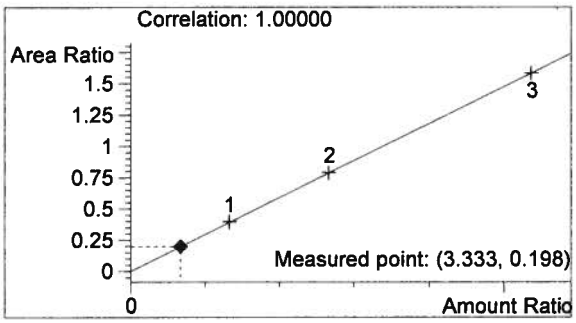
Inj. Date: 9/14/2012 8:01:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04 control lot# a077459 exp 02/~~2012~~ 2015 CJ 9/19/12

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

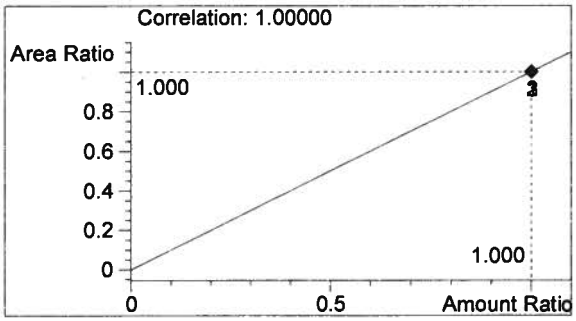
->



#	Compound	Peak Area	RT (min)
1	Ethanol	278	1.026
2	n-Propanol	1403	1.757



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12042

CJ

Data File: C:\HPCHEM\2\DATA\120914CJ\SIG10006.D

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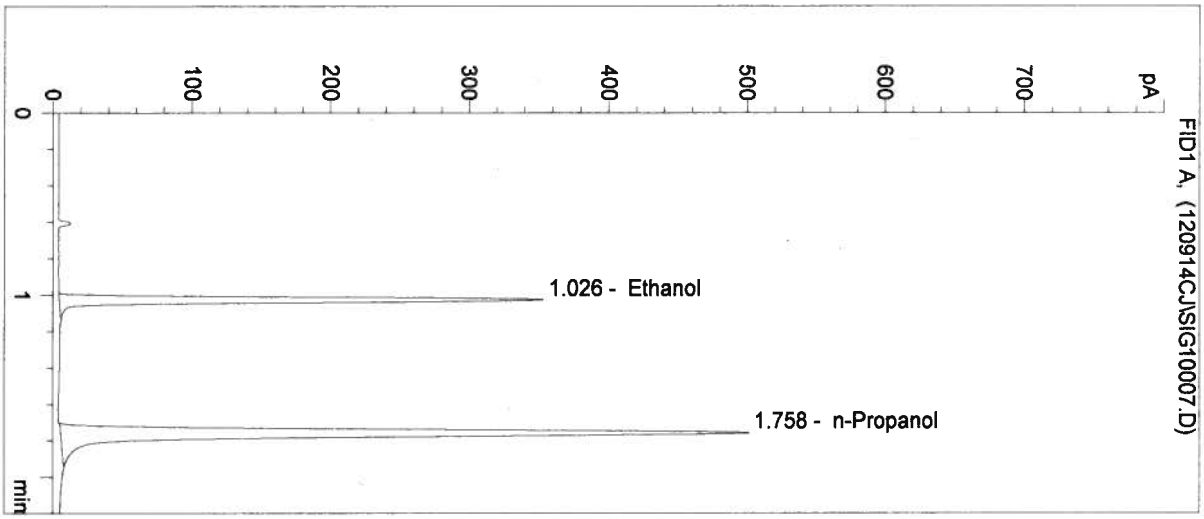
2203 Airport Way S Seattle, WA 98134

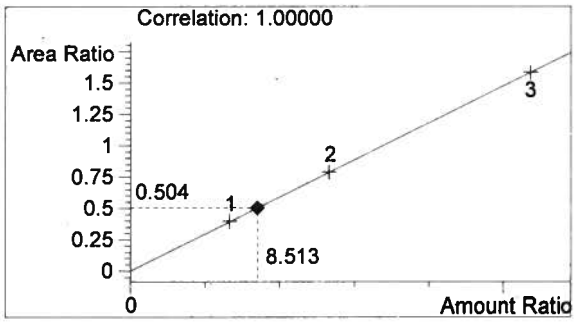
Inj. Date: 9/14/2012 8:04:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 control lot# a083355 exp 12/2015

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

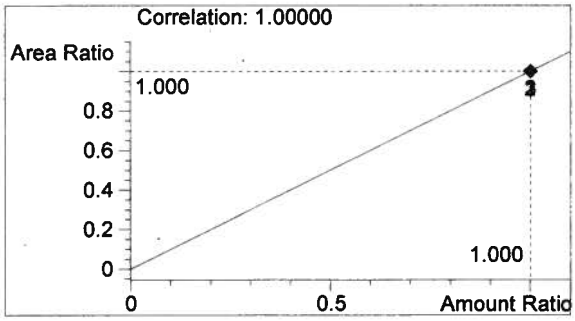
->



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.026
2	n-Propanol	1385	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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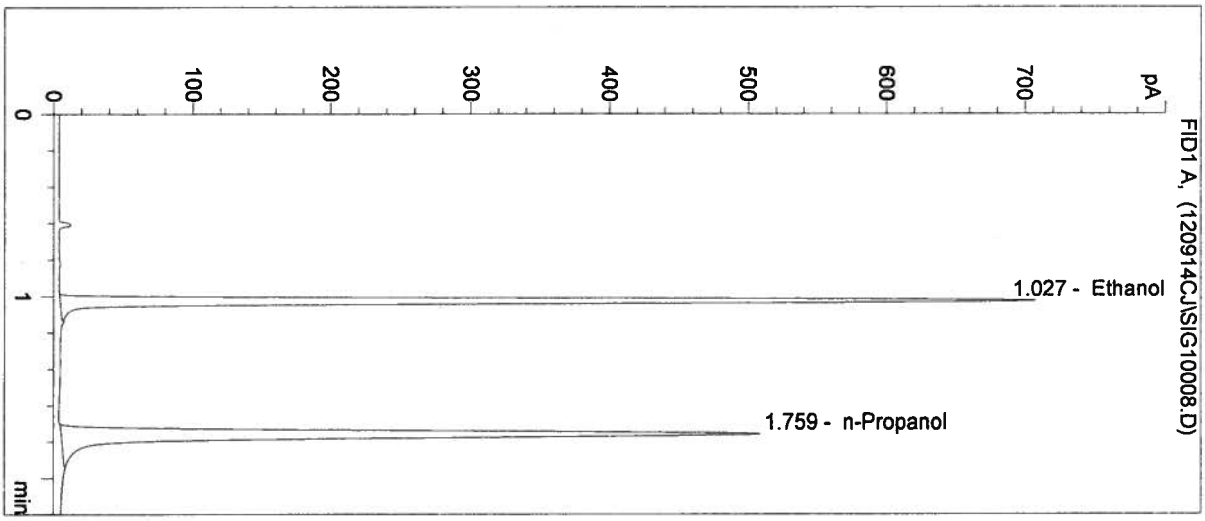
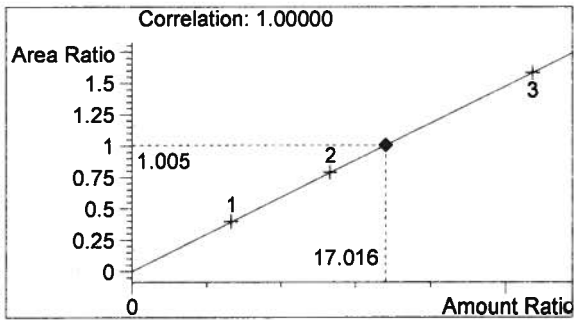
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:07:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M CJ 1/17/12
Sample Info: 0.20 control lot# ~~a076521~~ A084657 exp ~~12/2014~~ 02/2016

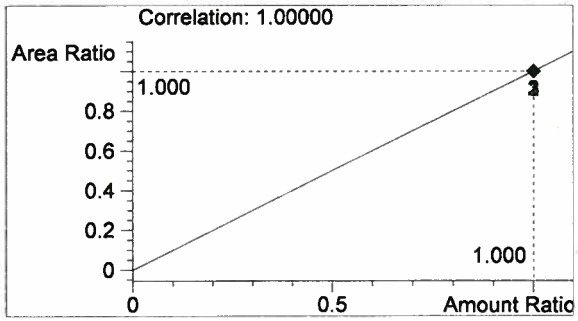
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1413	1.027
2	n-Propanol	1406	1.759



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

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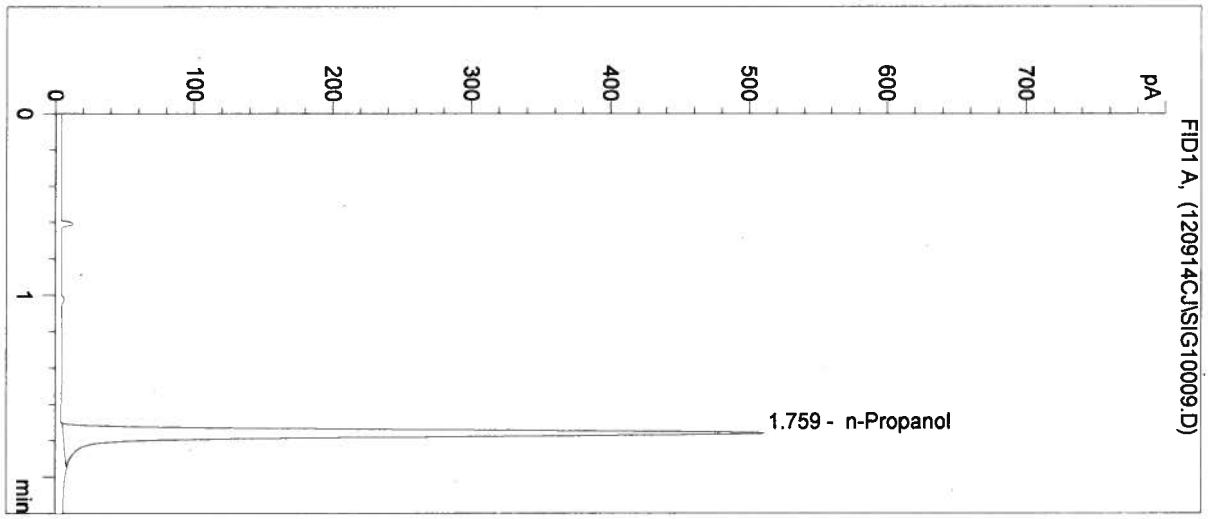
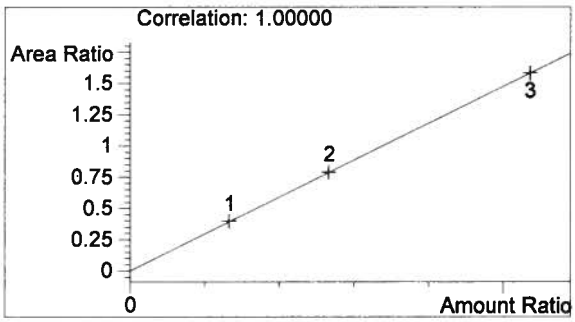
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:10:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

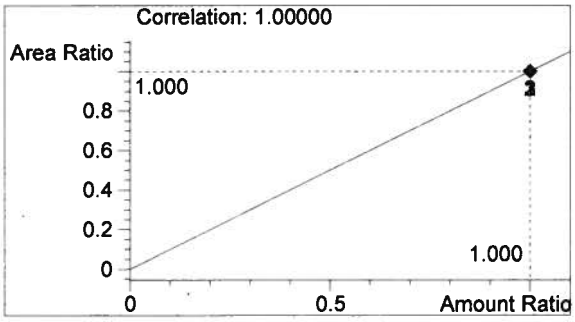
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1411	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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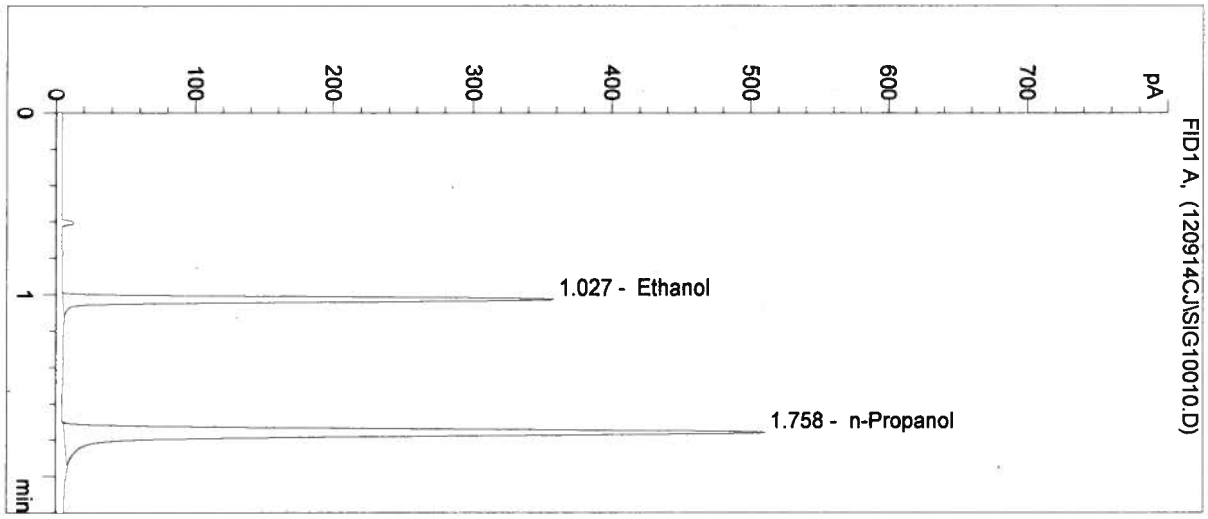
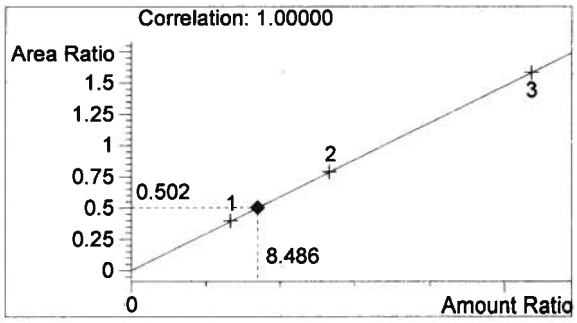
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:13:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

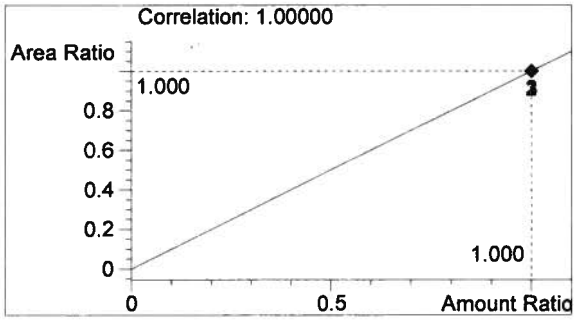
Sample Name: ESS 12042 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.027
2	n-Propanol	1408	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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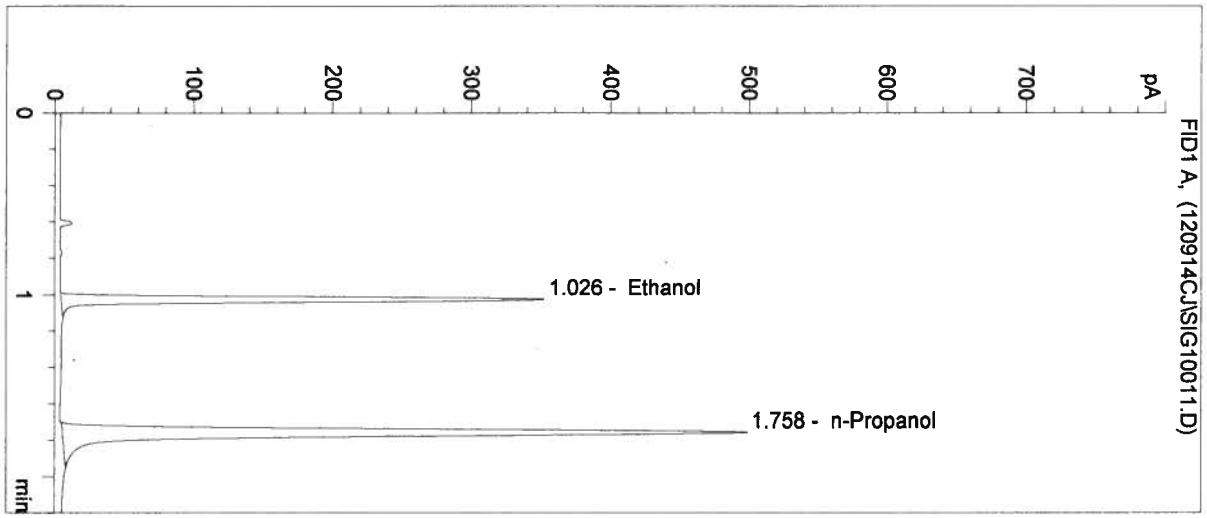
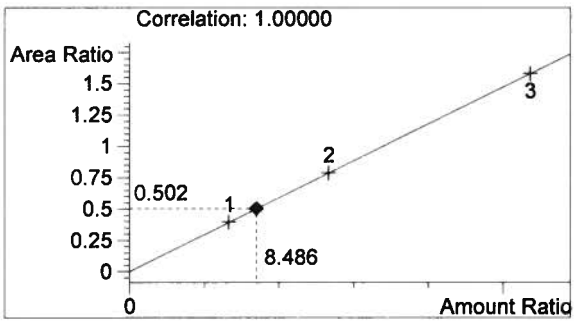
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:16:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

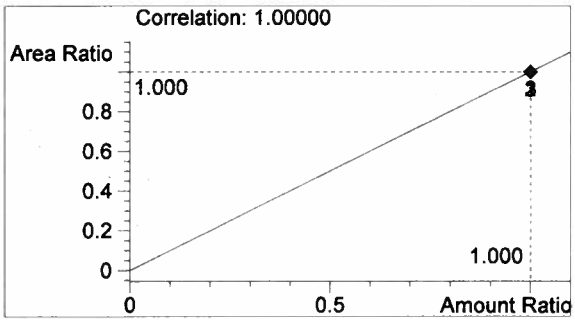
Sample Name: ESS 12042 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	690	1.026
2	n-Propanol	1375	1.758



Ethanol 0.102 g/100mL

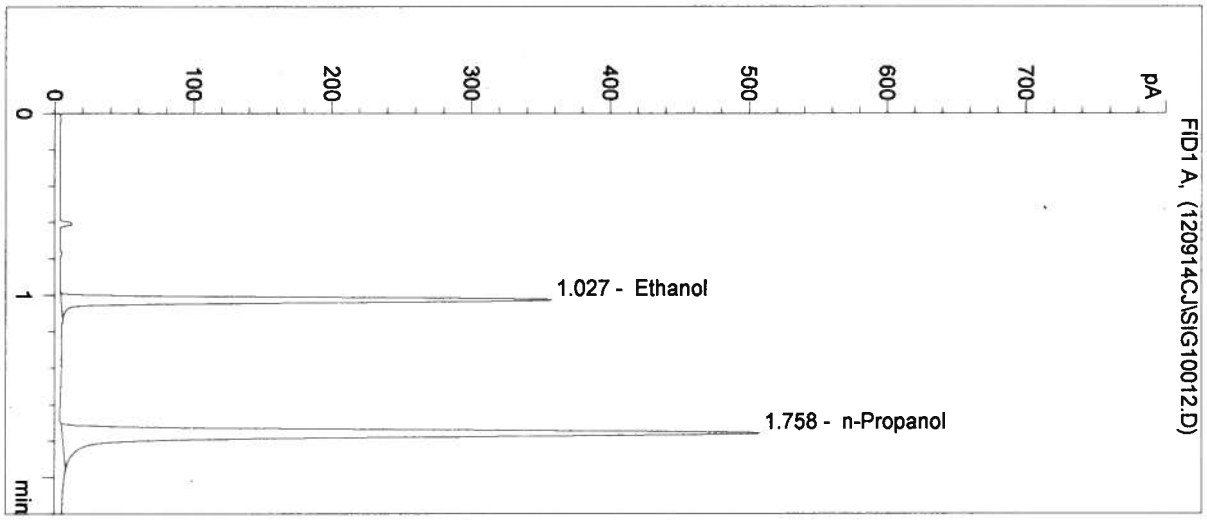


n-Propanol 0.012 g/100mL

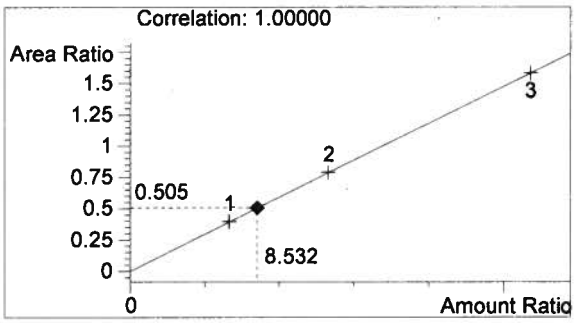
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:19:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

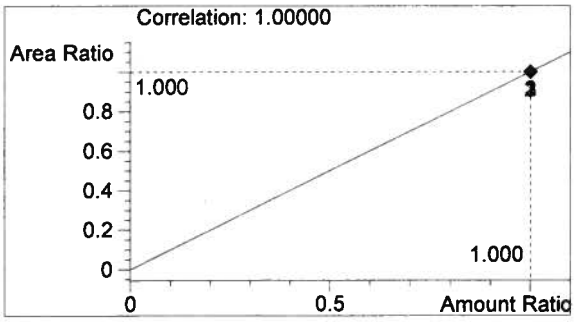
Sample Name: ESS 12042 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.027
2	n-Propanol	1400	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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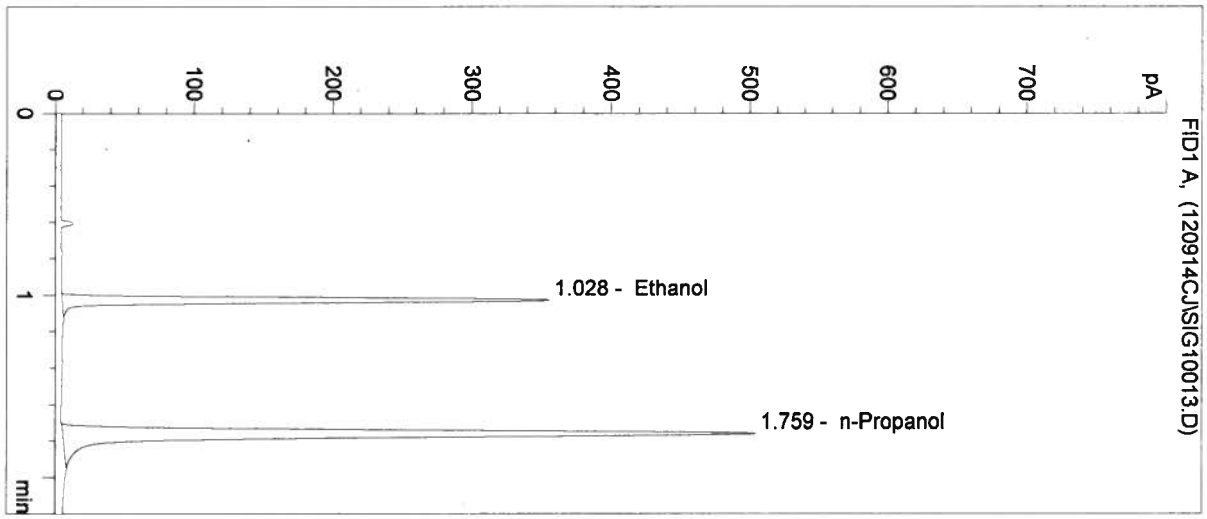
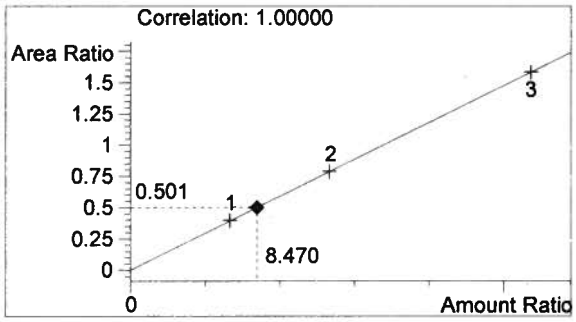
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:22:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

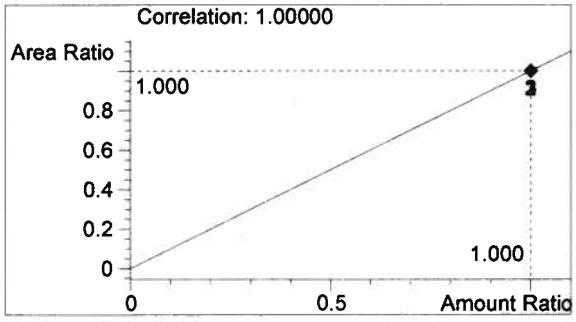
Sample Name: ESS 12042 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.028
2	n-Propanol	1396	1.759



Ethanol 0.102 g/100mL

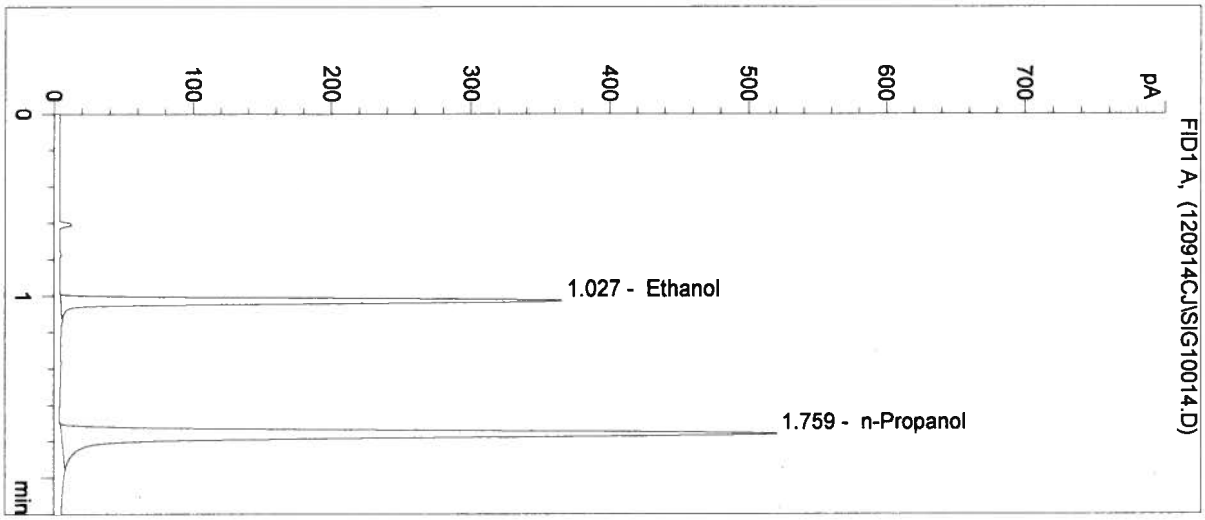


n-Propanol 0.012 g/100mL

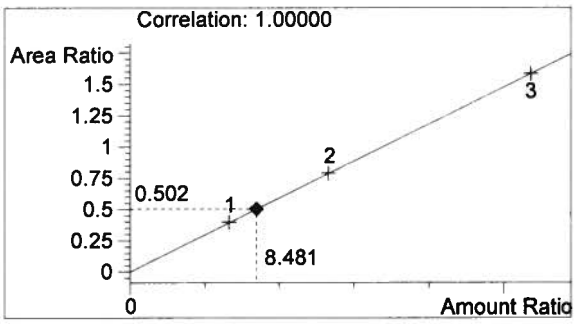
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:26:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

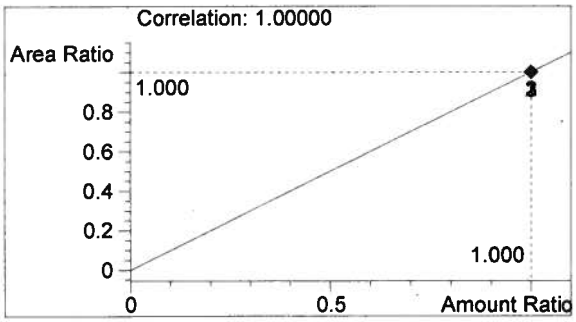
Sample Name: ESS 12042 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.027
2	n-Propanol	1439	1.759



Ethanol 0.102 g/100mL



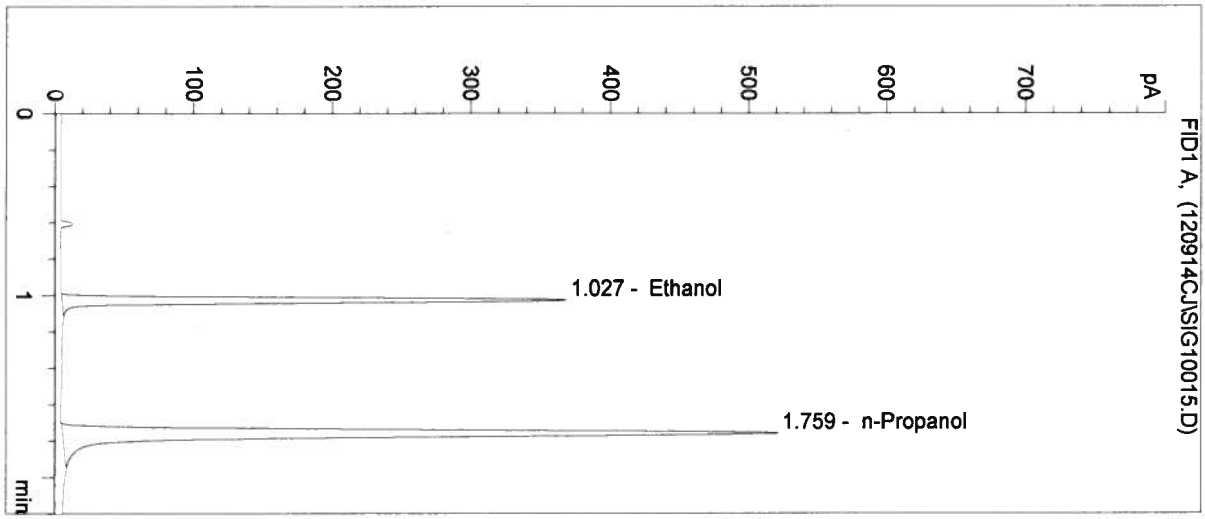
n-Propanol 0.012 g/100mL

CJ

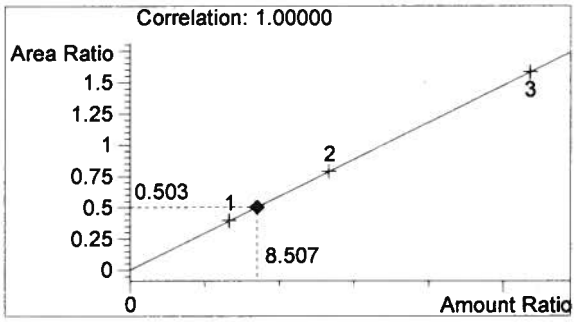
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:29:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 control lot# a083355 - exp 12/2015

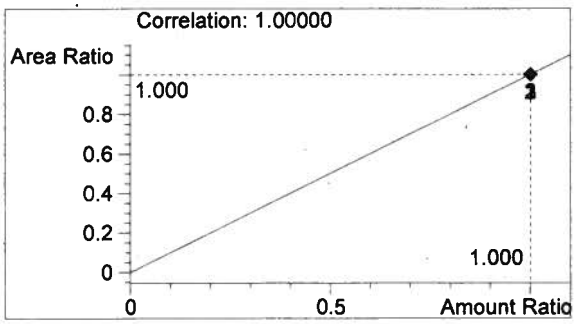
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.027
2	n-Propanol	1439	1.759



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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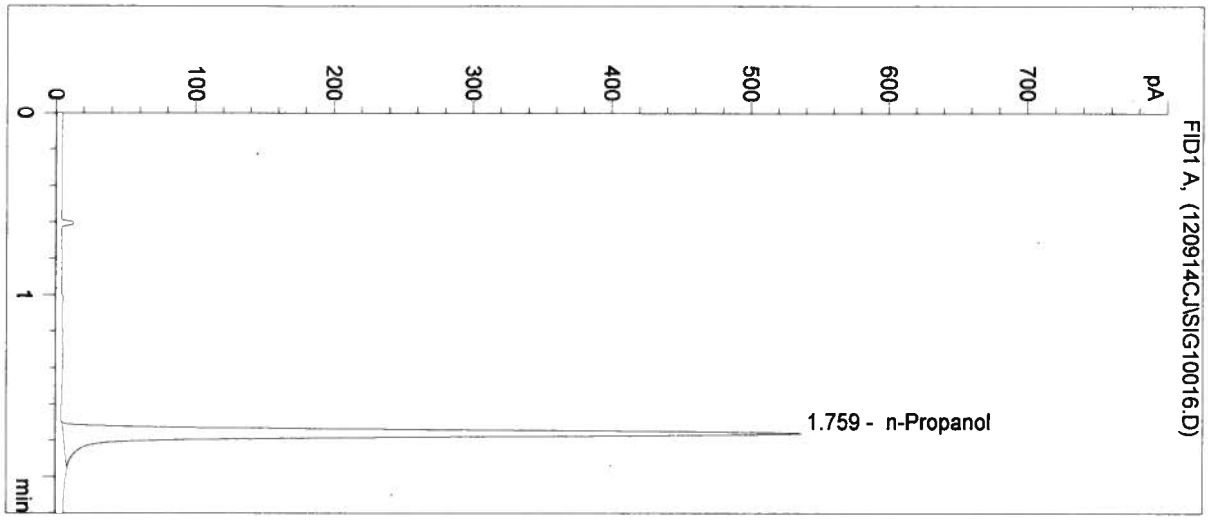
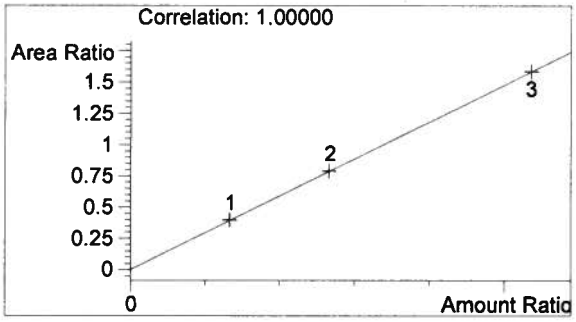
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/14/2012 8:32:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

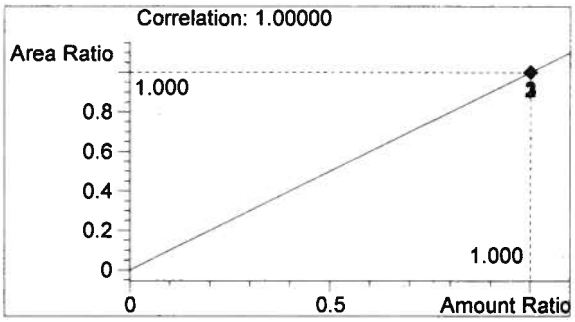
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1484	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120917A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0612-01 exp 09/25/2012
cal 2 e0612-02 exp 09/25/2012
cal 3 e0612-03 exp 09/25/2012
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	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	020 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042 #1	SIMALC3	1	Sample		
11	Vial 11	12042 #2	SIMALC3	1	Sample		
12	Vial 12	12042 #3	SIMALC3	1	Sample		
13	Vial 13	12042 #4	SIMALC3	1	Sample		
14	Vial 14	12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC3	1	Ctrl Samp		

0.20 control
AL
2012 09 17

12042

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

12042

A
2012 0917

BATCH 12042

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

Calibration Table

Calib. Data Modified : Monday, September 17, 2012 12:24:54 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
1.028	1	1	7.97000e-2	558.74146	1.42642e-4	1		Ethanol
		2	1.59870e-1	1106.51550	1.44481e-4			
		3	3.21590e-1	2277.50635	1.41203e-4			
1.760	1	1	1.20000e-2	1397.32556	8.58783e-6	I1		n-Propanol
		2	1.20000e-2	1378.49756	8.70513e-6			
		3	1.20000e-2	1409.27844	8.51500e-6			

Peak Sum Table

No Entries in table

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AL 2012 09 17

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Calibration Curves

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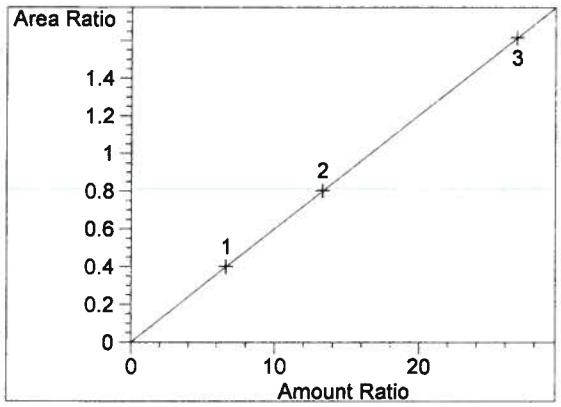
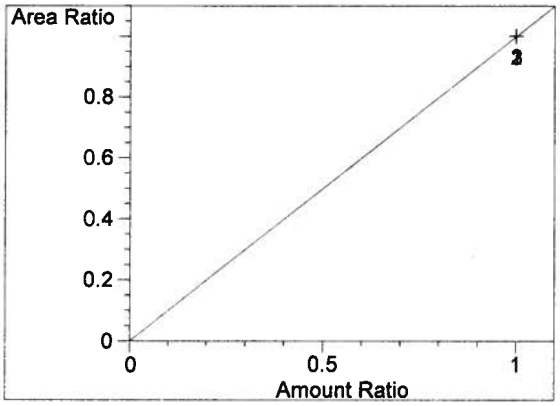


Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00047
Formula: y = mx + b
m: 6.03088e-2
b: -4.00039e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.760
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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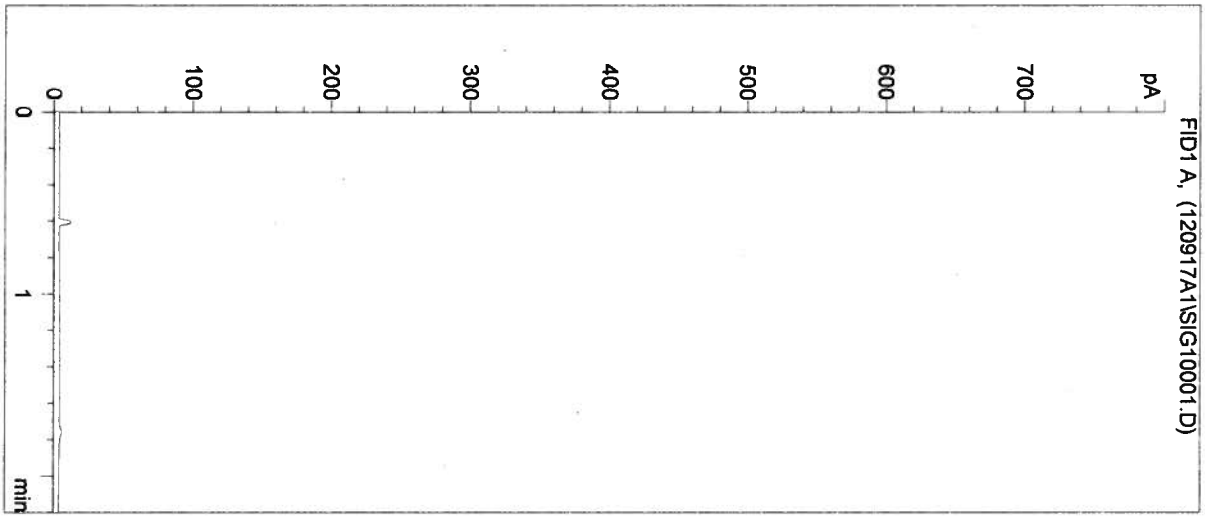
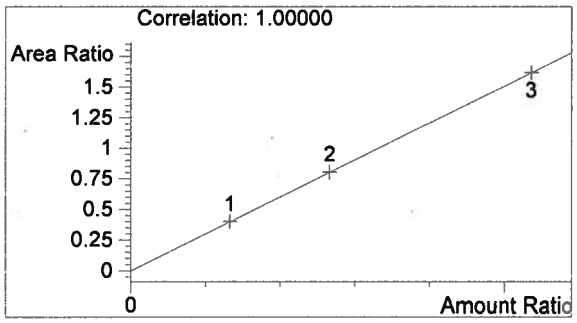
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:13:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

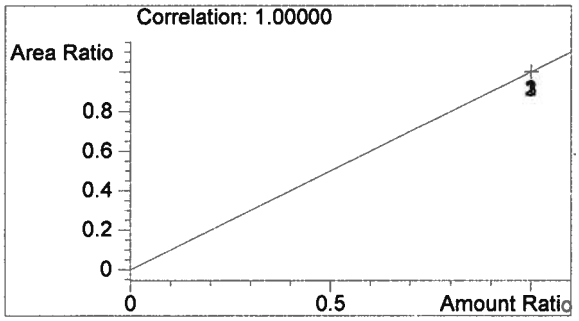
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

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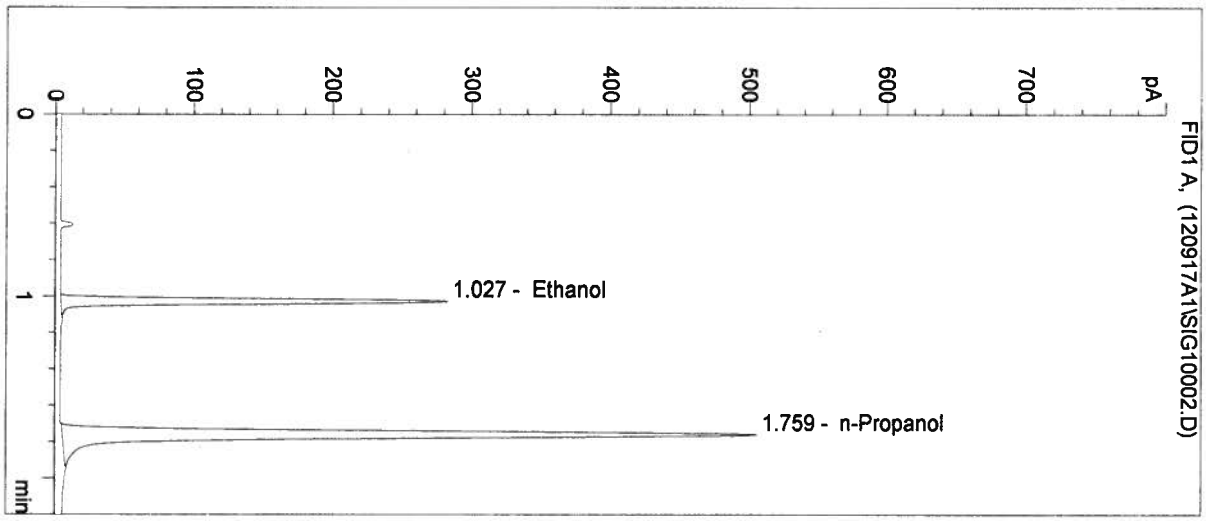
BATCH 12042
AL 20120917

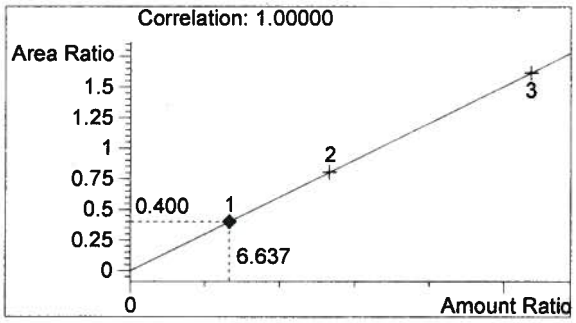
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:16:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: e0612-01 exp 09/25/2012

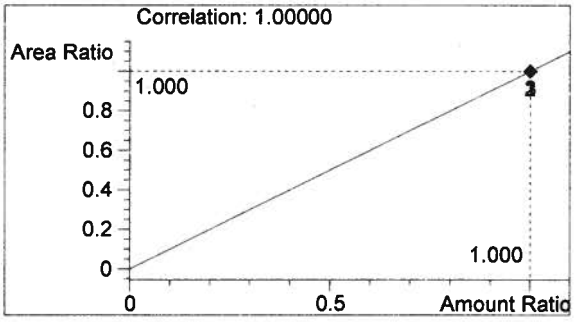
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	559	1.027
2	n-Propanol	1397	1.759



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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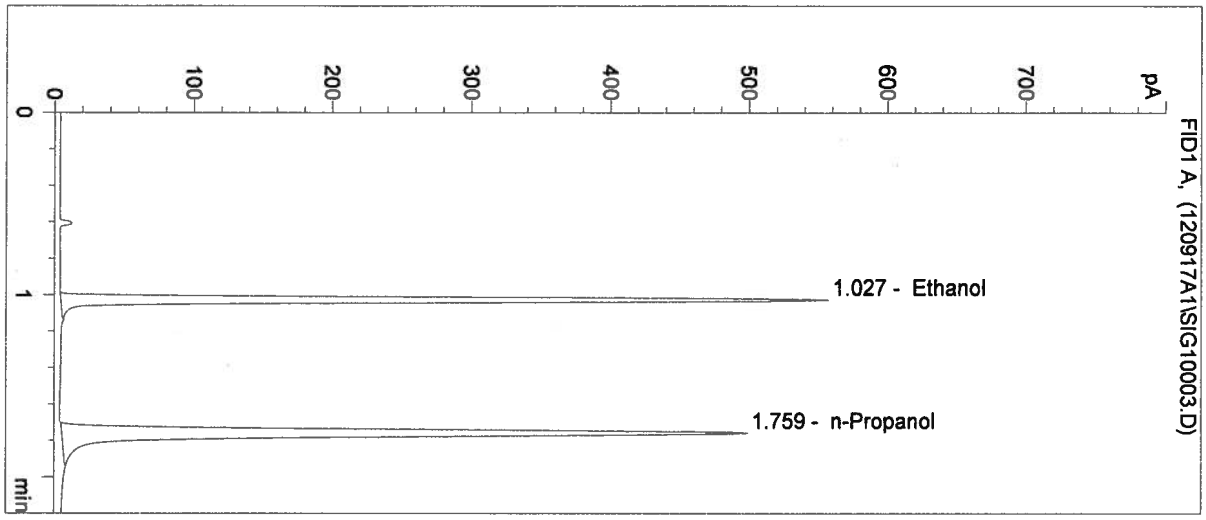
BATCH 12042
AL
2012 09 17

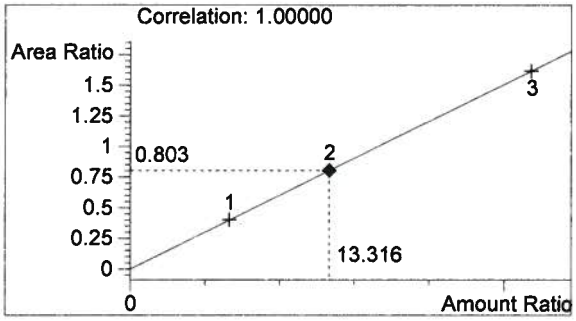
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:19:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: e0612-02 exp 09/25/2012

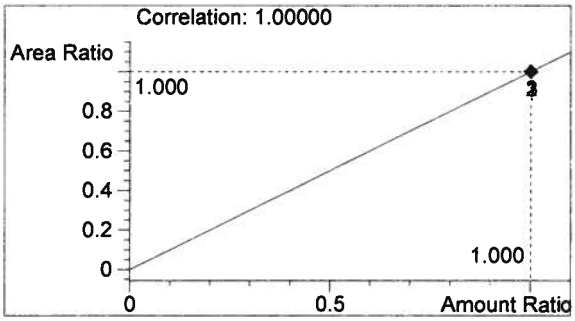
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.027
2	n-Propanol	1378	1.759



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

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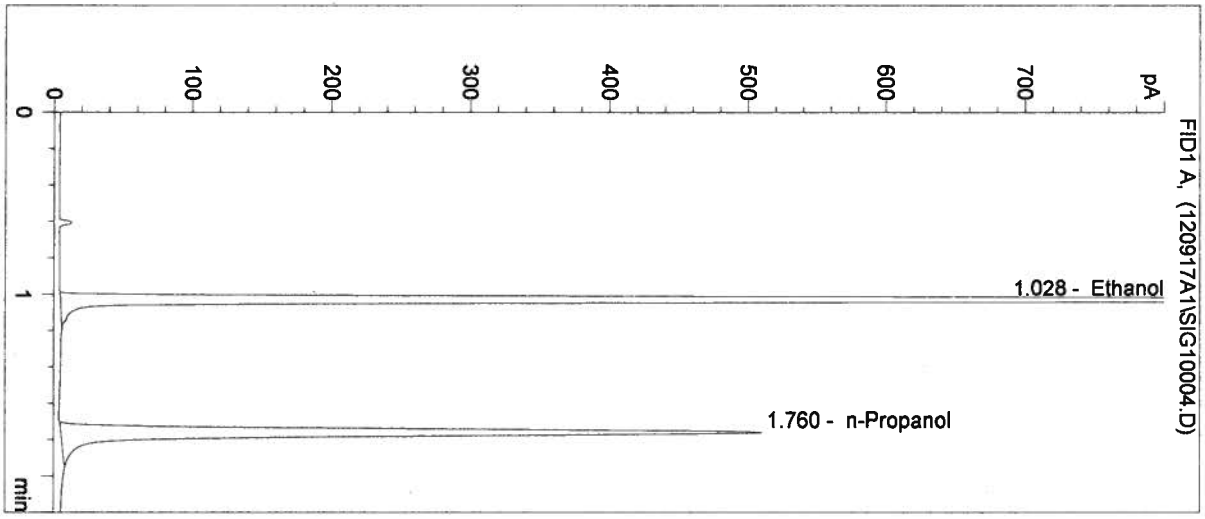
Batch 12042
AL 2012 09 17

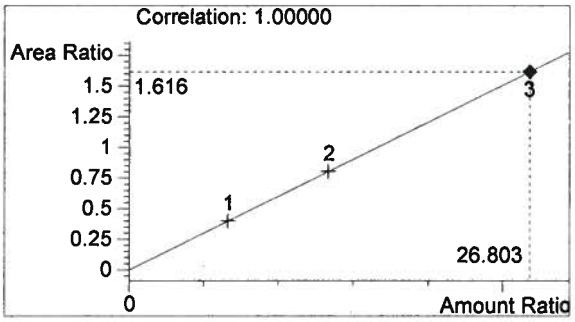
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:22:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: e0612-03 exp 09/25/2012

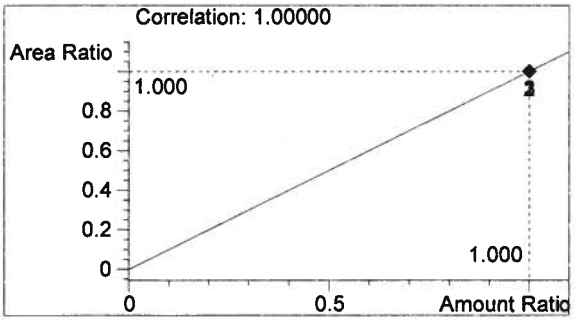
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2278	1.028
2	n-Propanol	1409	1.760



Ethanol 0.322 g/100mL



n-Propanol 0.012 g/100mL

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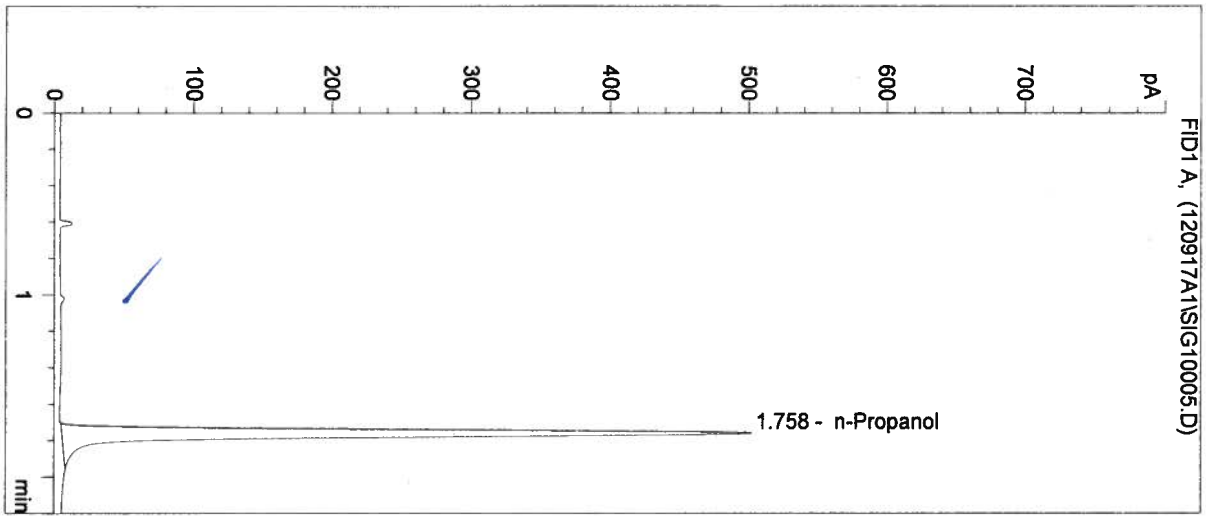
AL 2012 09 17

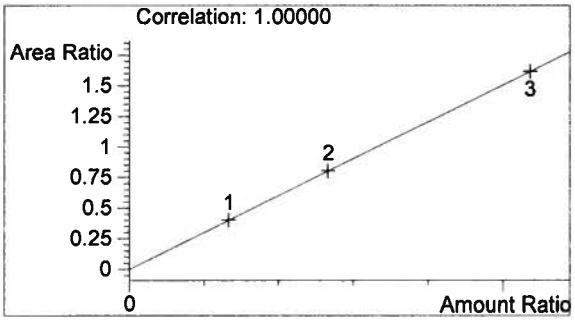
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:25:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

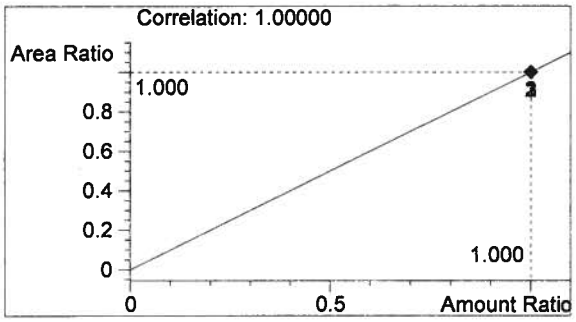
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1383	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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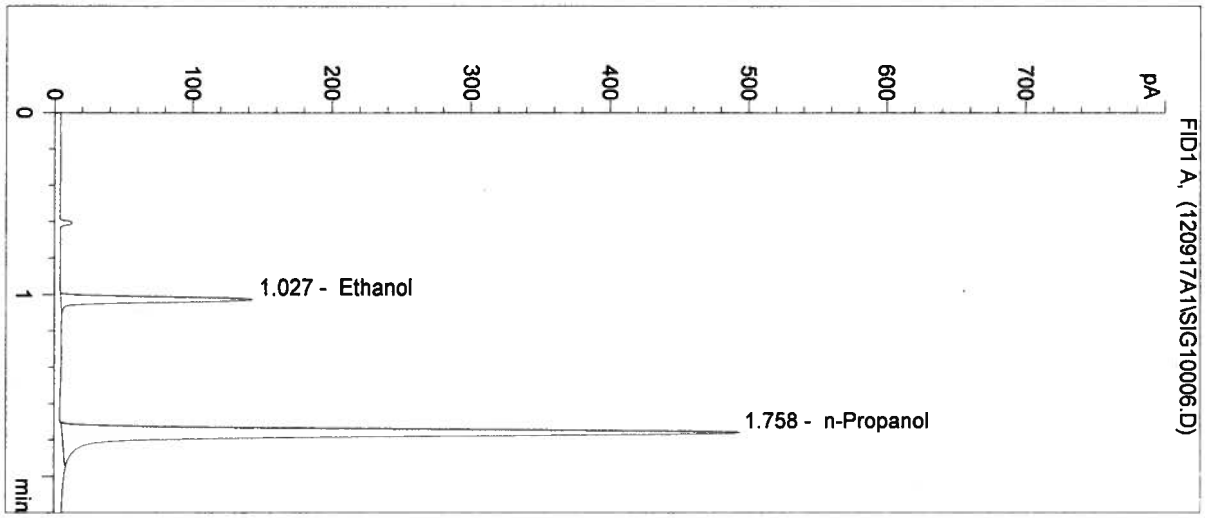
BATCH 12042
2012 0917

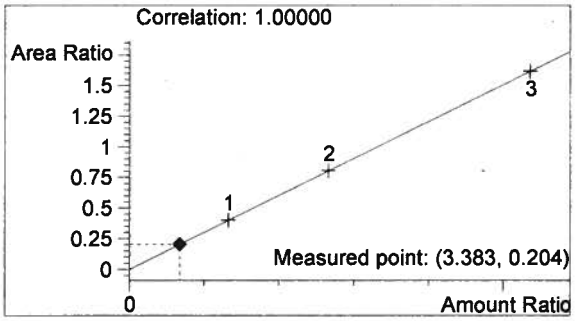
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:28:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: a077459 exp 02/2015

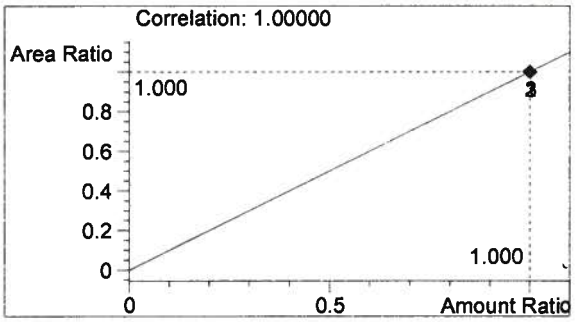
Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	277	1.027
2	n-Propanol	1360	1.758



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

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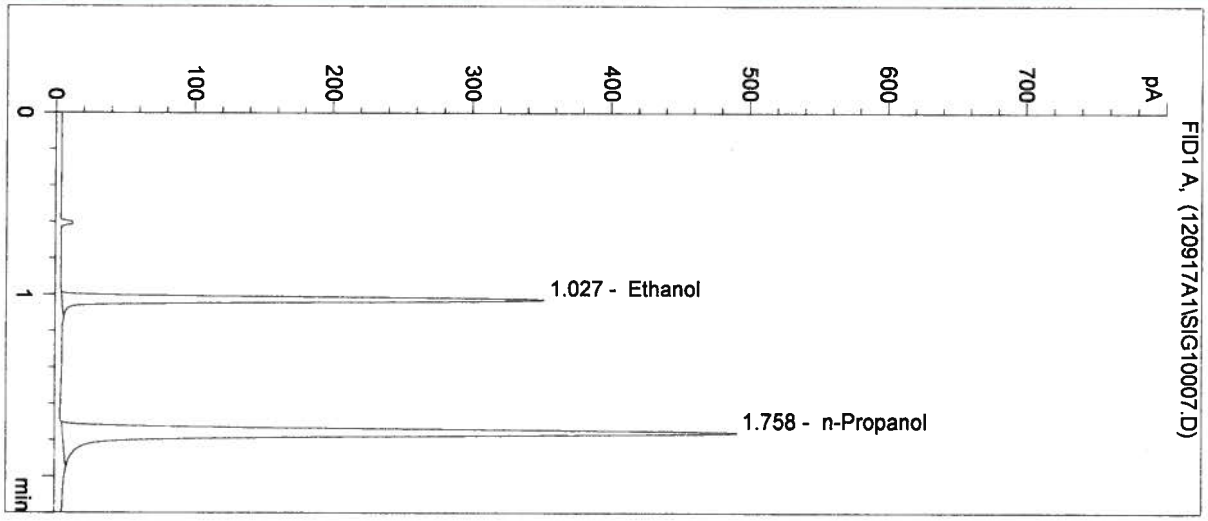
Batch 12042
AL 20120917

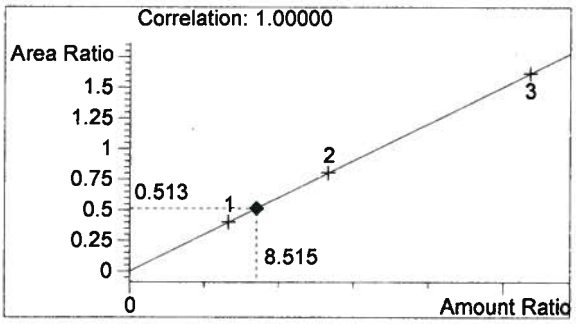
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:32:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: a083355 exp 12/2015

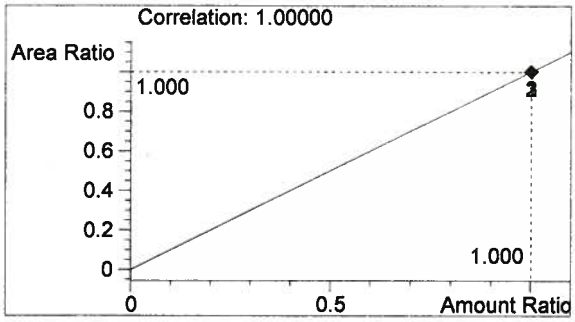
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.027
2	n-Propanol	1355	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12042

Batch 12042
SR 2012 09 17

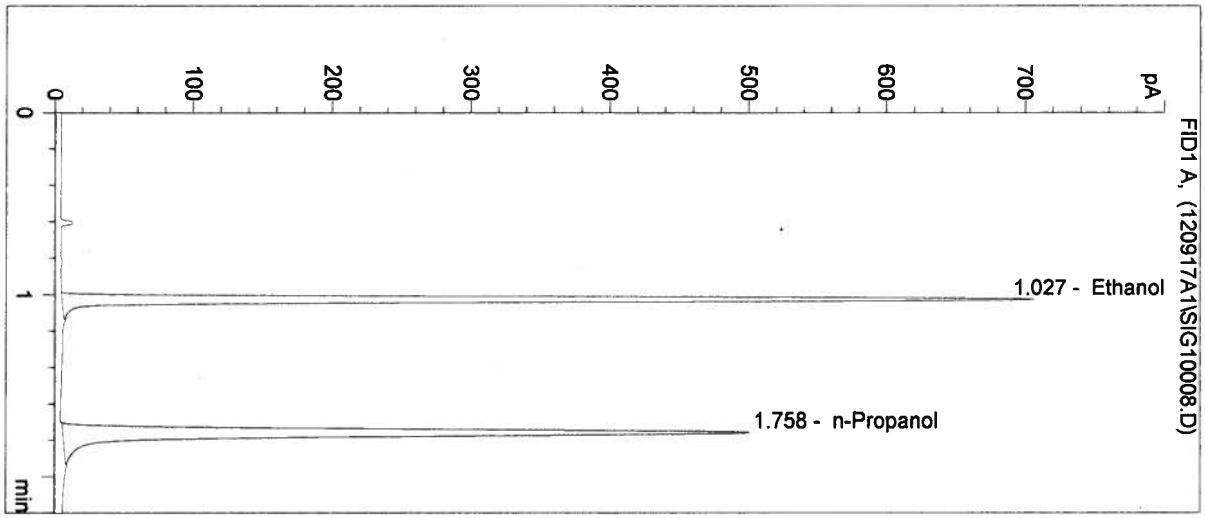
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:35:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: a084657 exp 02/2016

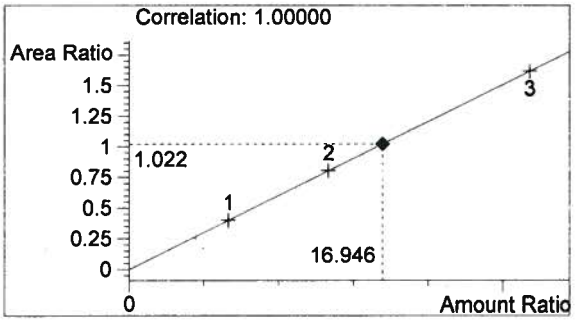
Sample Name: 020 ctrl - al
Operator: asa louis
Location: Vial 8

0.20 ctrl

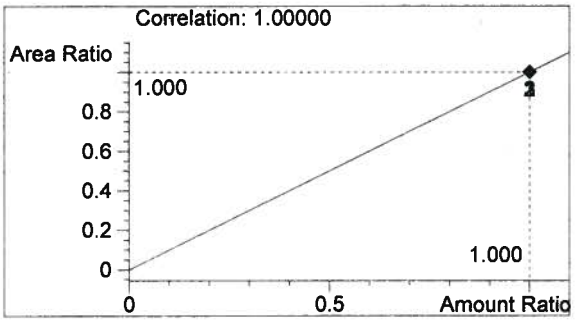
AL 2012 0917



#	Compound	Peak Area	RT (min)
1	Ethanol	1407	1.027
2	n-Propanol	1377	1.758



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

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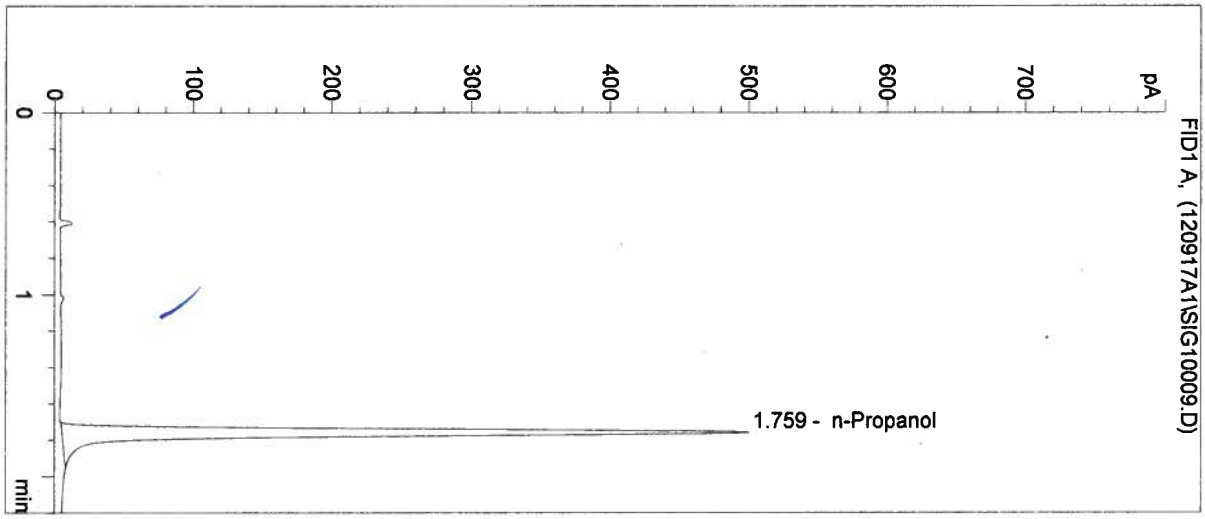
Batch 12042
AL 2120917

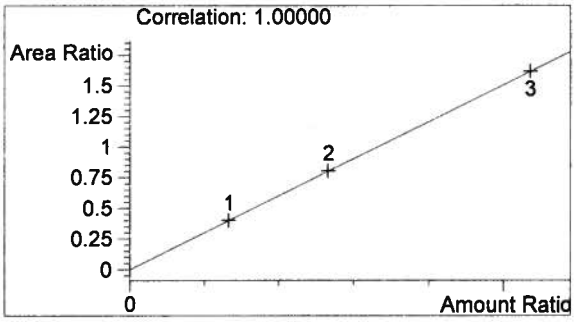
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:38:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

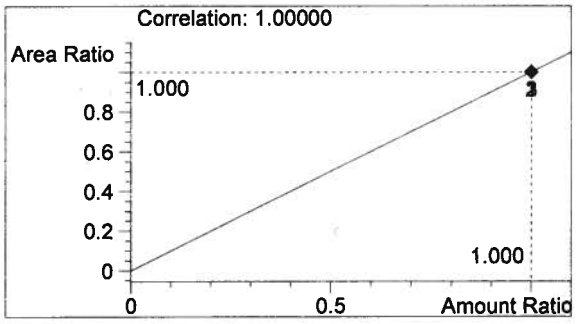
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1375	1.759



Ethanol 0.000 g/100mL



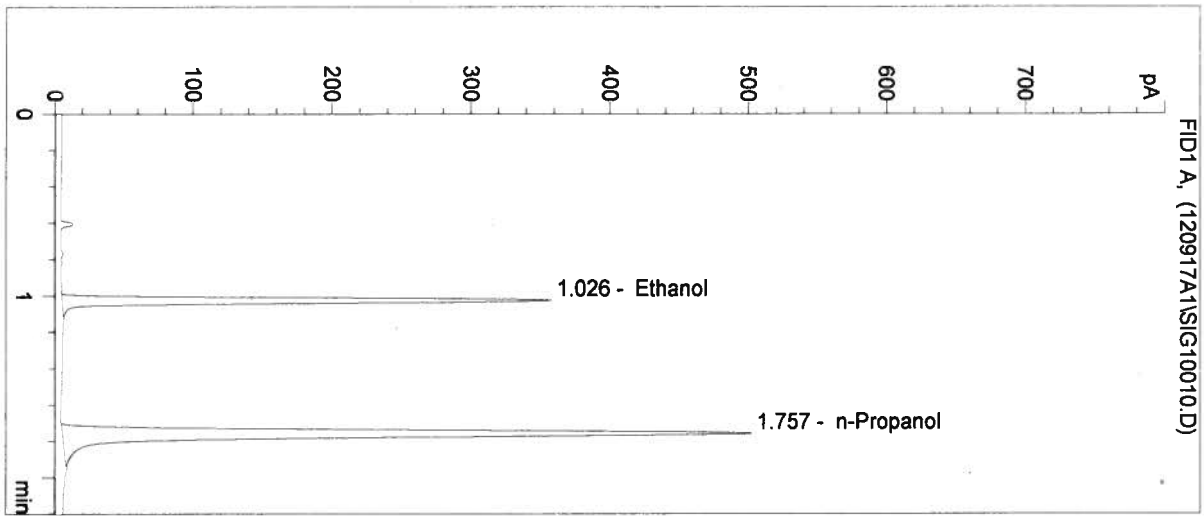
n-Propanol 0.012 g/100mL

12042
Batch 12042
AL 2012 09.17

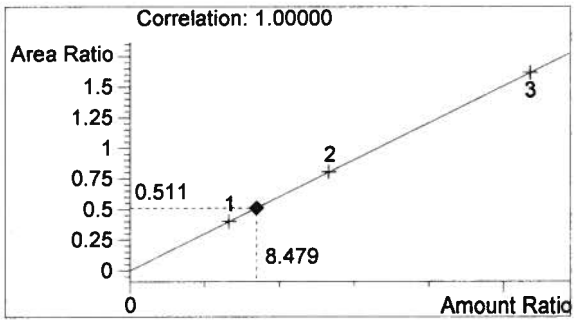
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:41:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

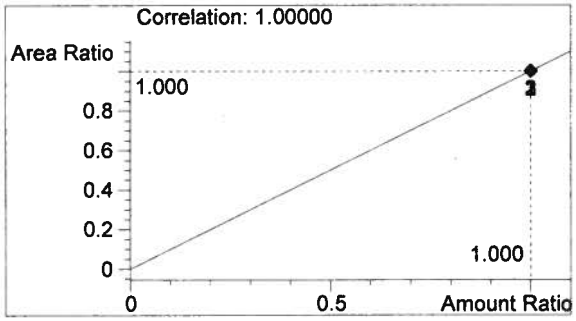
Sample Name: 12042 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.026
2	n-Propanol	1388	1.757



Ethanol 0.102 g/100mL



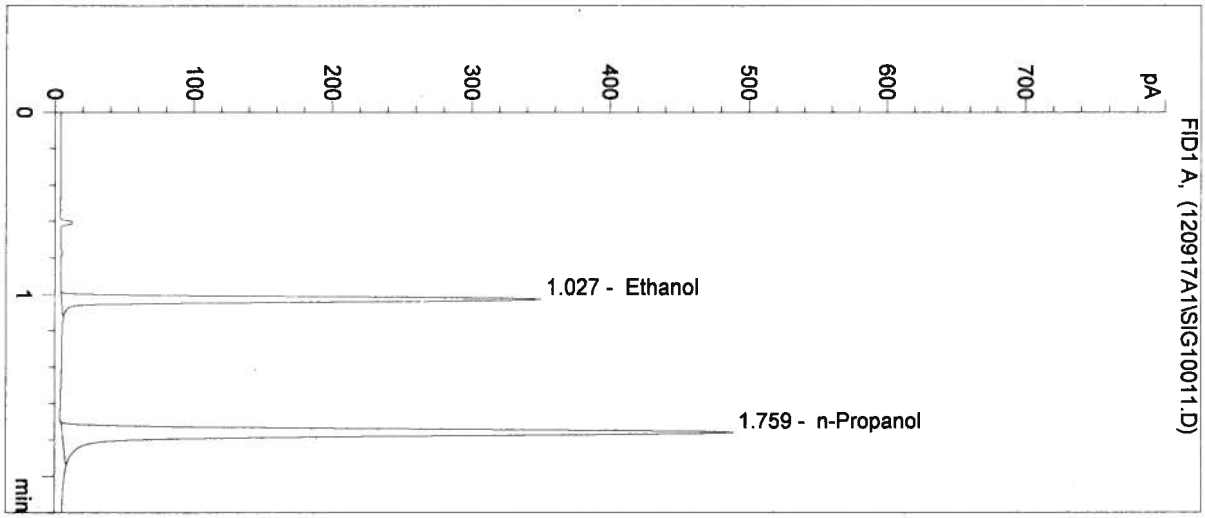
n-Propanol 0.012 g/100mL

AS
2012 09 17

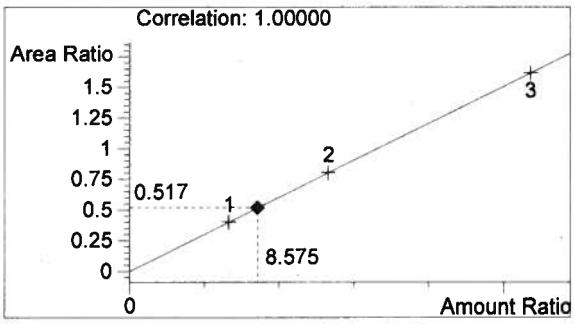
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:44:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

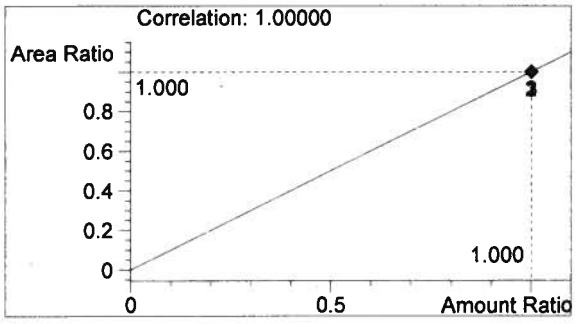
Sample Name: 12042 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.027
2	n-Propanol	1347	1.759



Ethanol 0.103 g/100mL



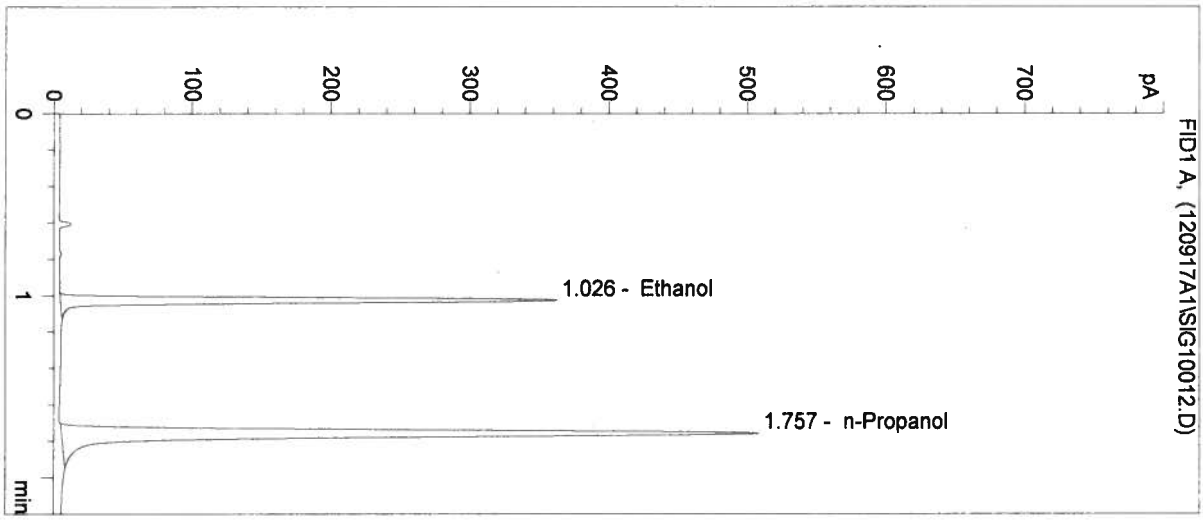
n-Propanol 0.012 g/100mL

2012 0917

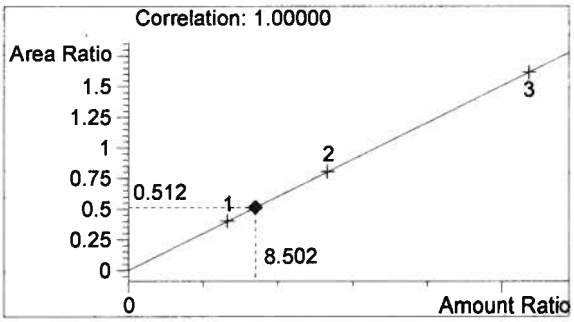
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:47:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

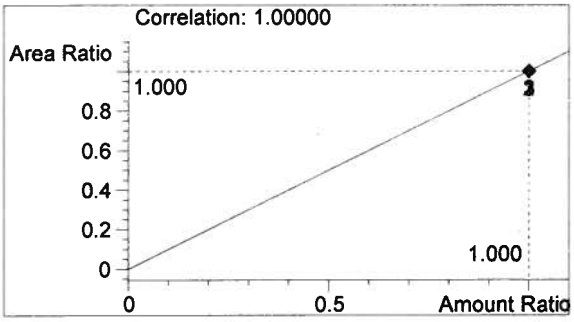
Sample Name: 12042 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.026
2	n-Propanol	1395	1.757



Ethanol 0.102 g/100mL



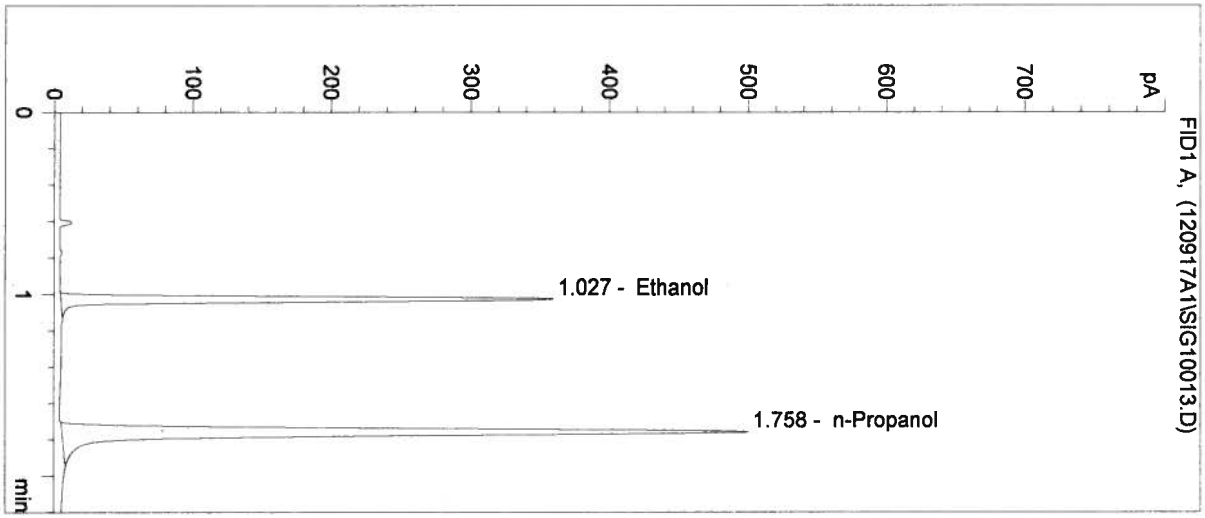
n-Propanol 0.012 g/100mL

AL
2012 0917

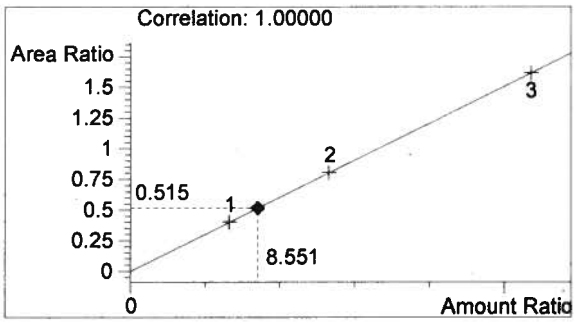
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:50:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

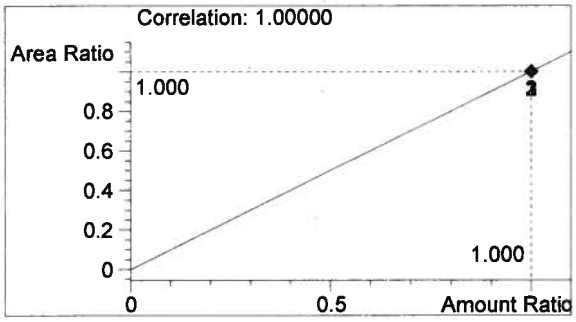
Sample Name: 12042 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.027
2	n-Propanol	1380	1.758



Ethanol 0.103 g/100mL



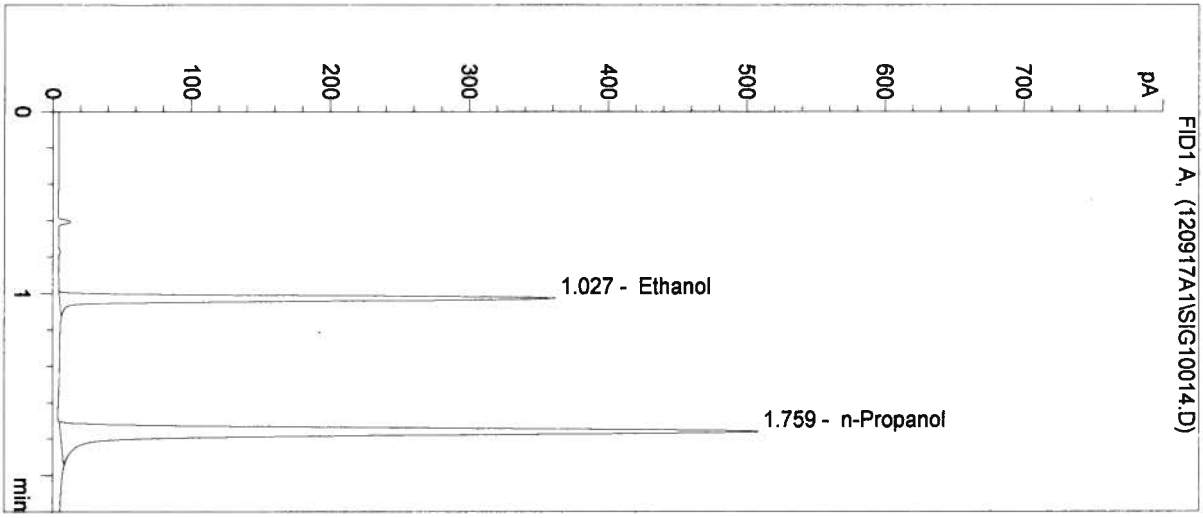
n-Propanol 0.012 g/100mL

AK
2012 09 17

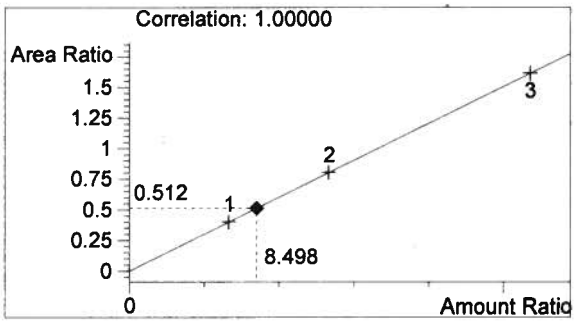
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:53:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

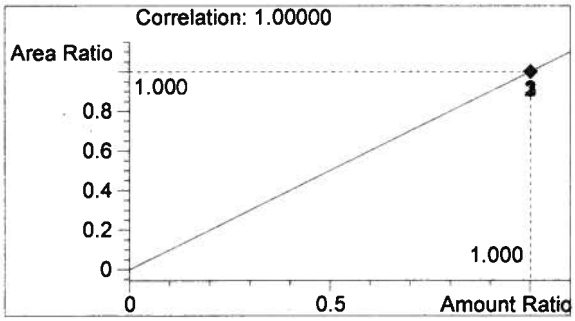
Sample Name: 12042 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1402	1.759



Ethanol 0.102 g/100mL



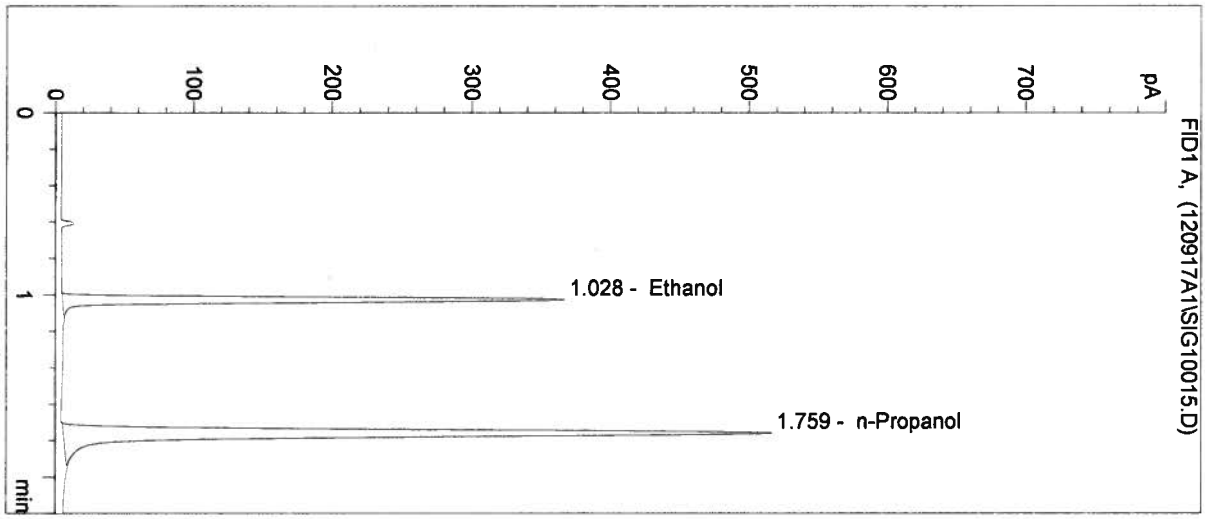
n-Propanol 0.012 g/100mL

AK
20120917

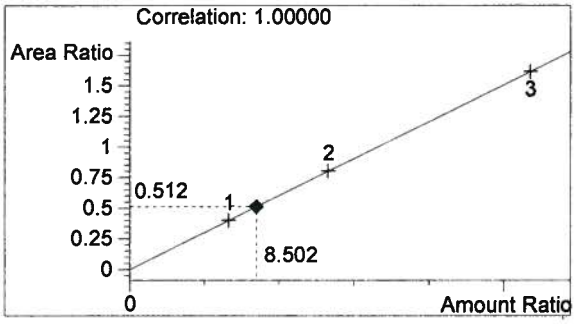
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 12:57:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

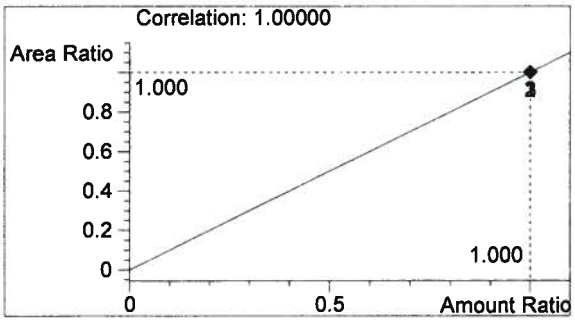
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	732	1.028
2	n-Propanol	1430	1.759



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

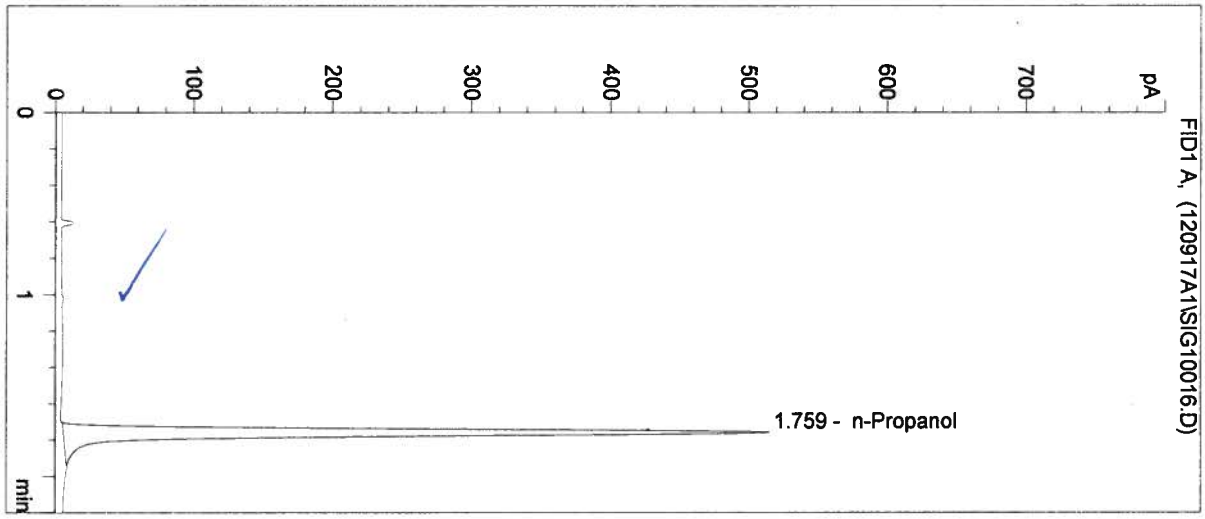
Batch 12042
AL 20120917

12042

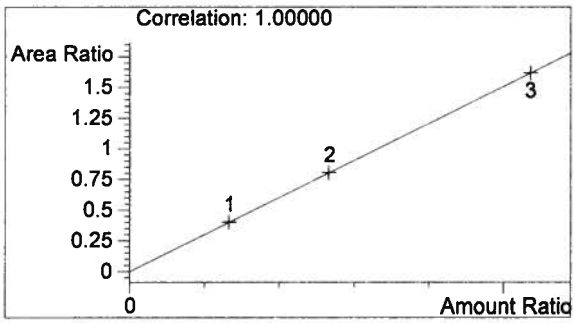
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/17/2012 1:00:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

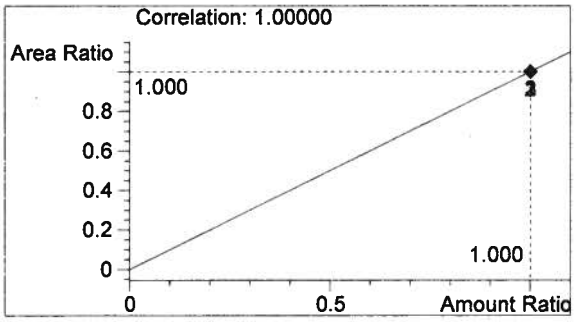
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1417	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12042

Batch 12042
AC 20120917

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\2\DATA\
Data Subdirectory:	120918RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0612-01 - Exp. 09/25/12
Ethanol Calibrator 2, E0612-02 - Exp. 09/25/12
Ethanol Calibrator 3, E0612-03 - Exp. 09/25/12 RF

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

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0612-01 - Exp. 09/25/12
3	Vial 3	Ethanol Calibrator 2, E0612-02 - Exp. 09/25/12
4	Vial 4	Ethanol Calibrator 3, E0612-03 - Exp. 09/25/12
5	Vial 5	
6	Vial 6	0.04 Control - Lot #A077459 - Exp. 02/2015
7	Vial 7	0.10 Control - Lot #A083355 - Exp. 12/2015
8	Vial 8	0.20 Control - Lot #A084657 - Exp. 02/2016
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

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

Line	Location	Sample Information
15	Vial 15	0.10 Control - Lot #A083355 - Exp. 12/2015
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC3	1	Ctrl Samp		
10	Vial 10	12042 #1	SIMALC3	1	Sample		
11	Vial 11	12042 #2	SIMALC3	1	Sample		
12	Vial 12	12042 #3	SIMALC3	1	Sample		
13	Vial 13	12042 #4	SIMALC3	1	Sample		
14	Vial 14	12042 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

RF

12042

Calibration Table

Calib. Data Modified : Tuesday, September 18, 2012 12:45:52 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
1.028	1	1	7.97000e-2	568.31561	1.40239e-4		1	Ethanol
		2	1.59870e-1	1100.23083	1.45306e-4			
		3	3.21590e-1	2228.95239	1.44279e-4			
1.759	1	1	1.20000e-2	1389.52393	8.63605e-6	I1		n-Propanol
		2	1.20000e-2	1365.94226	8.78514e-6			
		3	1.20000e-2	1378.07458	8.70780e-6			

Peak Sum Table

No Entries in table

RF

12042

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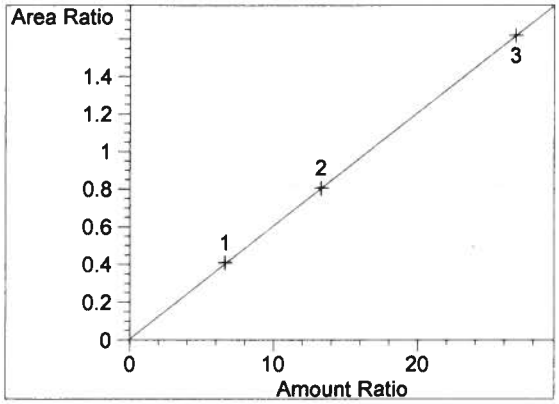
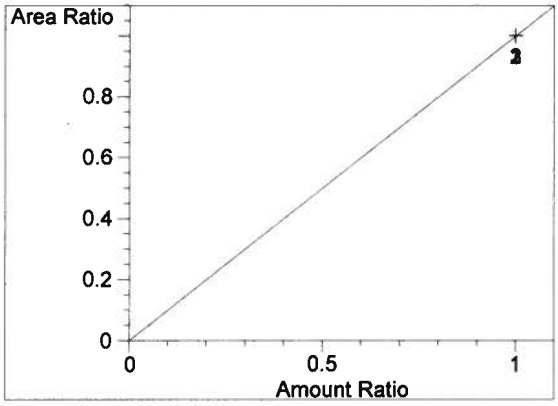
Calibration Curves

==========



Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00457
Formula: y = mx + b
m: 6.02553e-2
b: 3.54406e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.759
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

==========

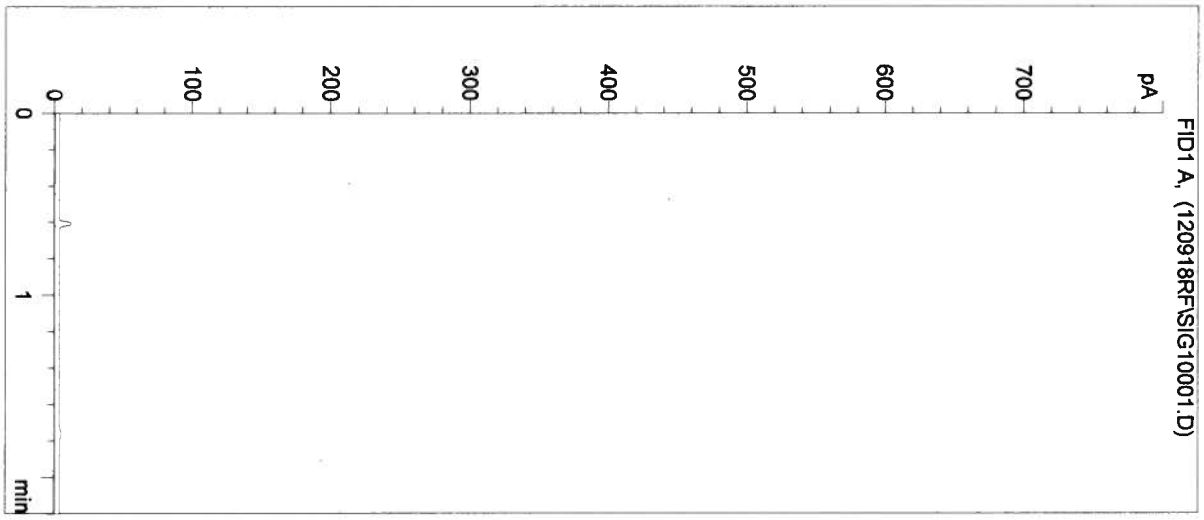
RF

12042

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

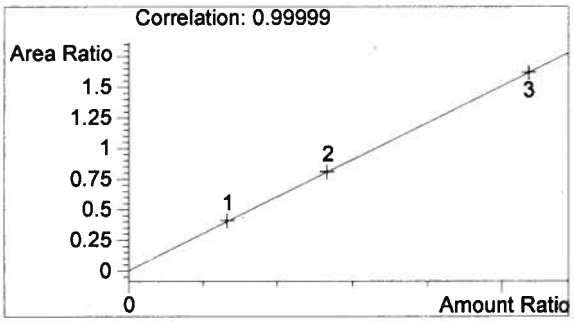
Inj. Date: 9/18/2012 12:34:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

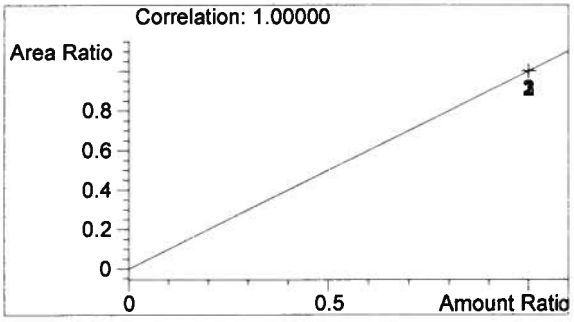


RF

#	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

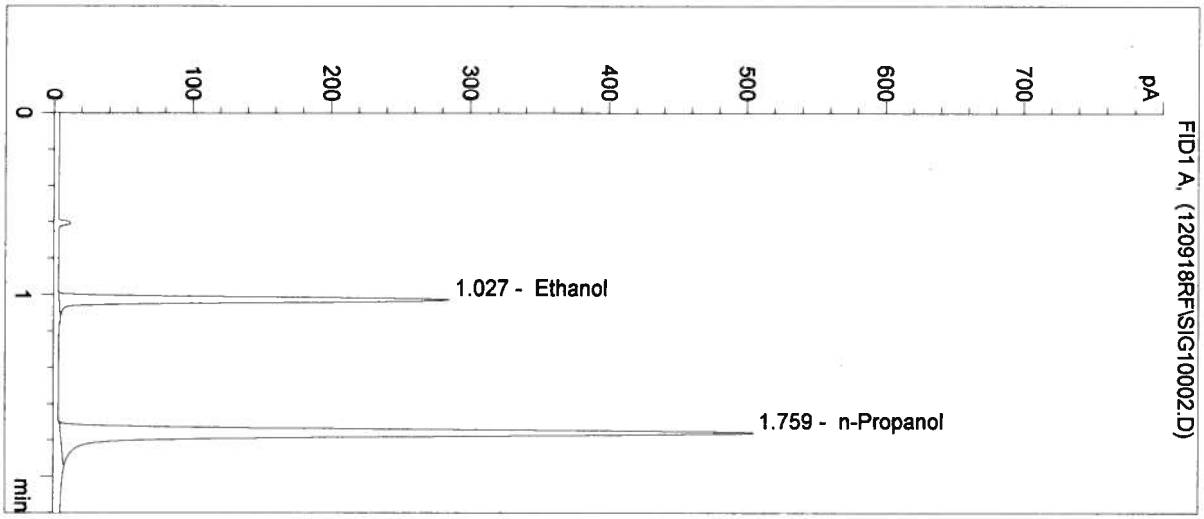
12042

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

Inj. Date: 9/18/2012 12:37:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 1, E0612-01 - Exp. 09/25/12

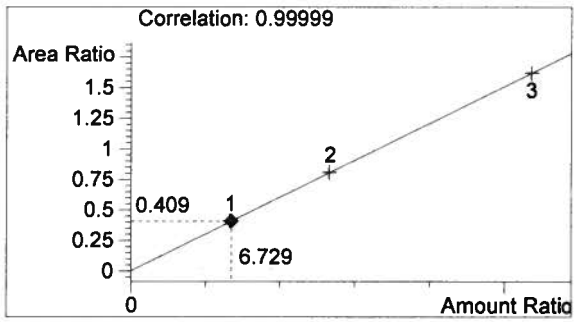
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2

->

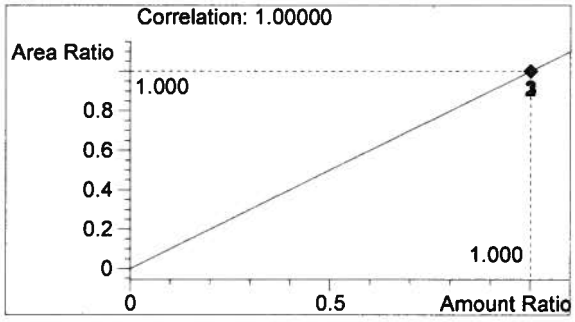


#	Compound	Peak Area	RT (min)
1	Ethanol	568	1.027
2	n-Propanol	1390	1.759

RF



Ethanol 0.081 g/100mL



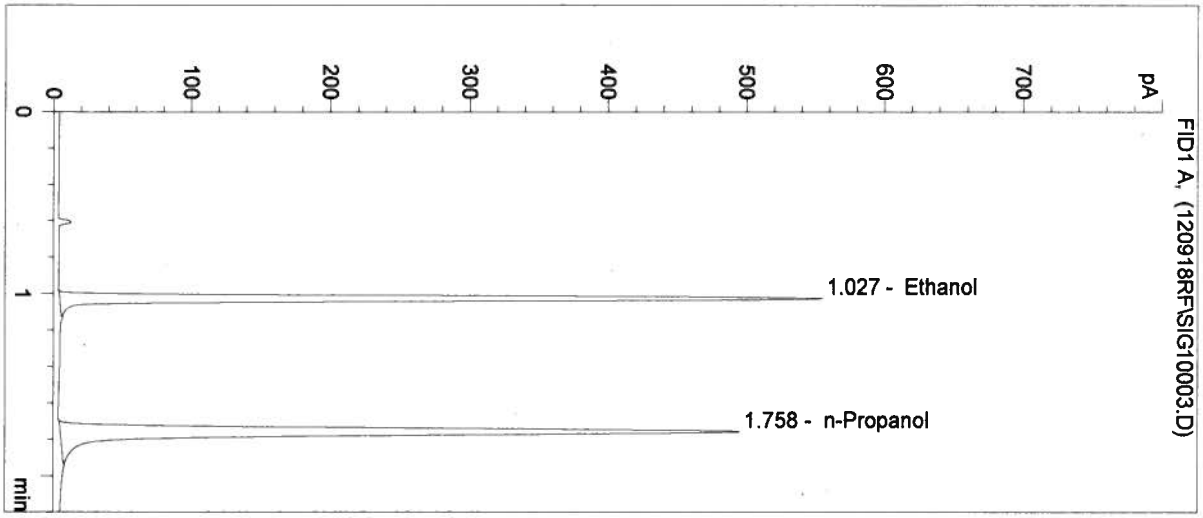
n-Propanol 0.012 g/100mL

12042

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

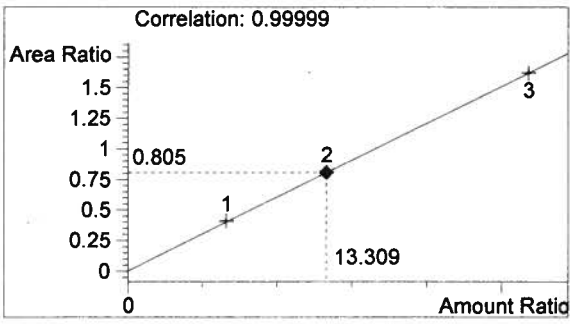
Inj. Date: 9/18/2012 12:40:32 PM
Sample Name: 0.158 CAL 2
Instrument: HSGC#3
Operator: Rebecca Flaherty
Column: DB-ALC2
Location: Vial 3
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 2, E0612-02 - Exp. 09/25/12

->

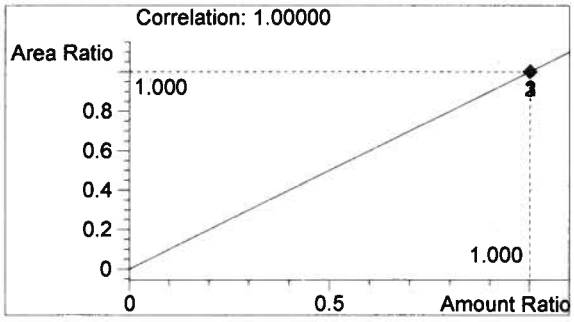


#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.027
2	n-Propanol	1366	1.758

RF



Ethanol 0.160 g/100mL

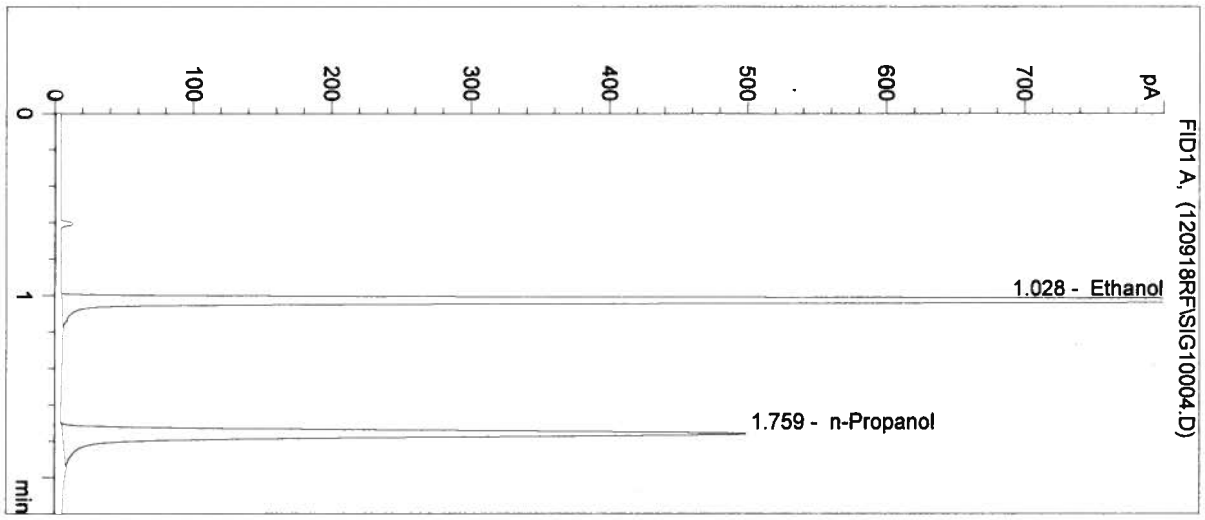


n-Propanol 0.012 g/100mL

12042

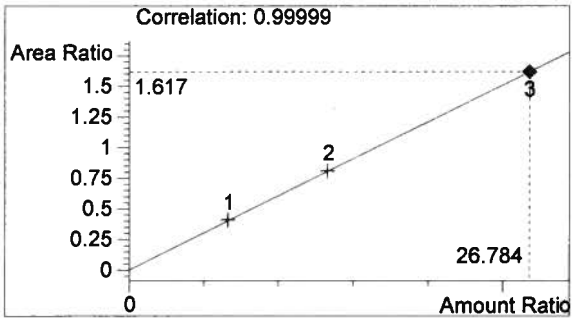
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2012 12:43:40 PM
Sample Name: 0.316 CAL 3
Instrument: HSGC#3
Operator: Rebecca Flaherty
Column: DB-ALC2
Location: Vial 4
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: Ethanol Calibrator 3, E0612-03 - Exp. 09/25/12

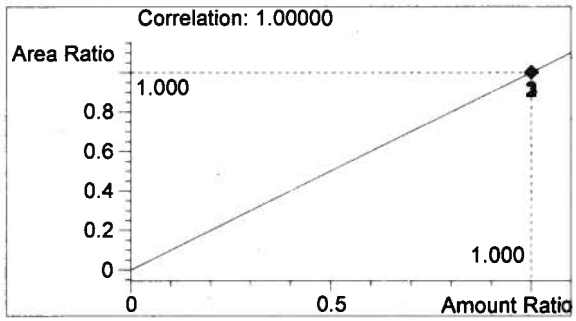


#	Compound	Peak Area	RT (min)
1	Ethanol	2229	1.028
2	n-Propanol	1378	1.759

RF



Ethanol 0.321 g/100mL



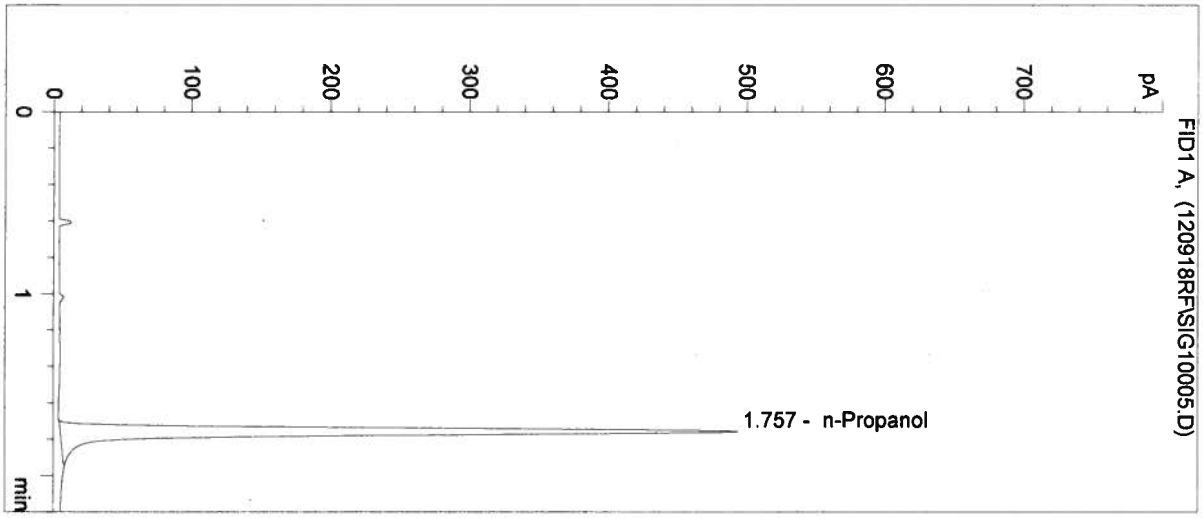
n-Propanol 0.012 g/100mL

12042

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

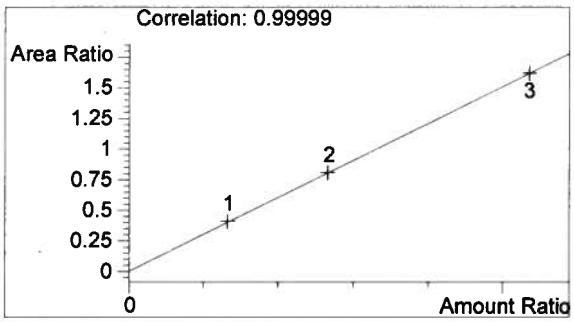
Inj. Date: 9/18/2012 12:46:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

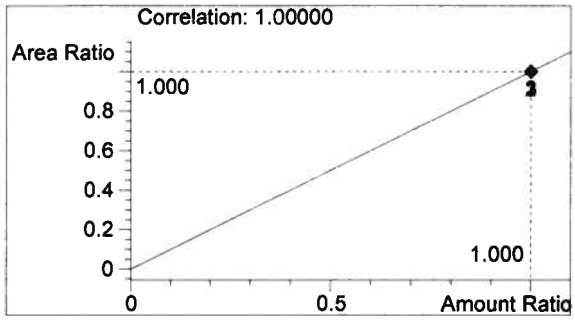


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1369	1.757

RF



Ethanol 0.000 g/100mL



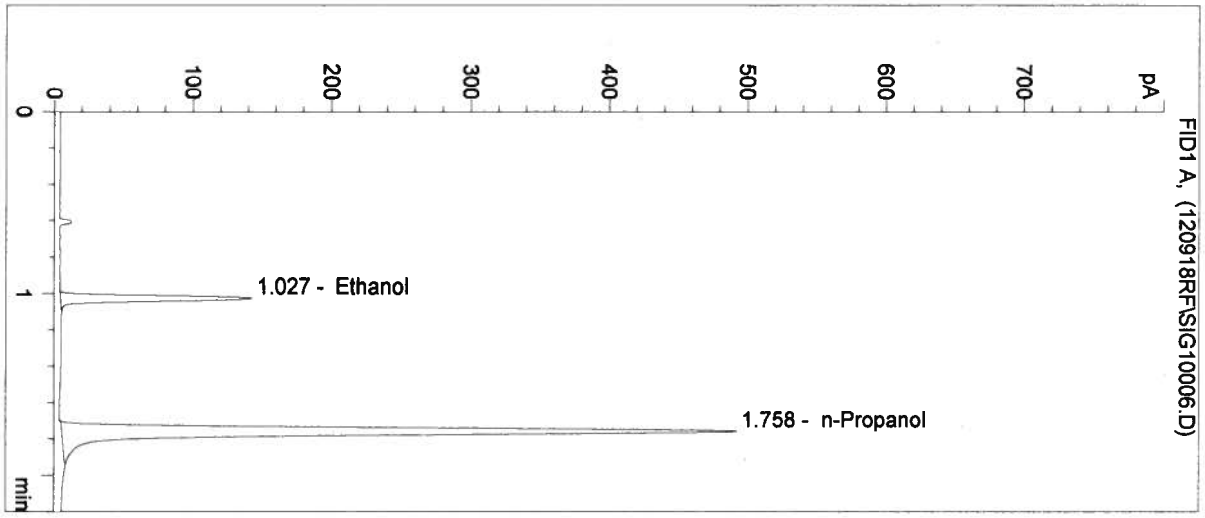
n-Propanol 0.012 g/100mL

12042

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

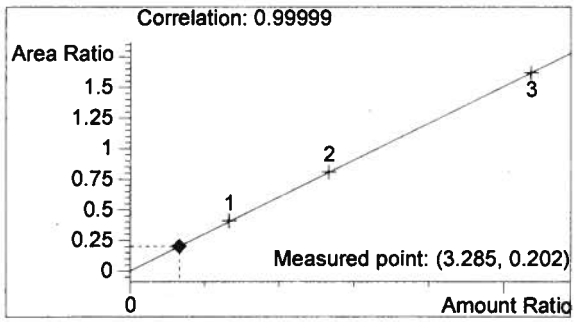
Inj. Date: 9/18/2012 12:49:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04 Control - Lot #A077459 - Exp. 02/2015

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

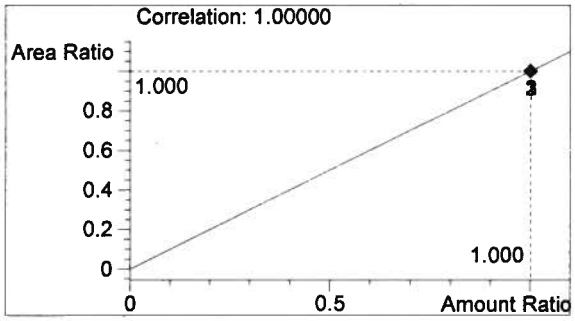


#	Compound	Peak Area	RT (min)
1	Ethanol	274	1.027
2	n-Propanol	1360	1.758

RF



Ethanol 0.039 g/100mL

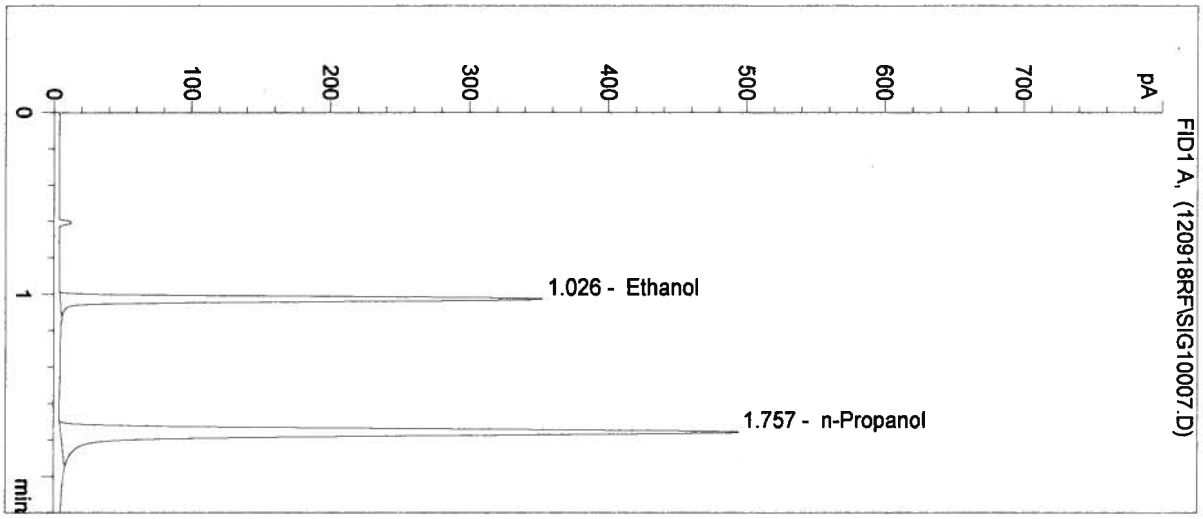


n-Propanol 0.012 g/100mL

12042

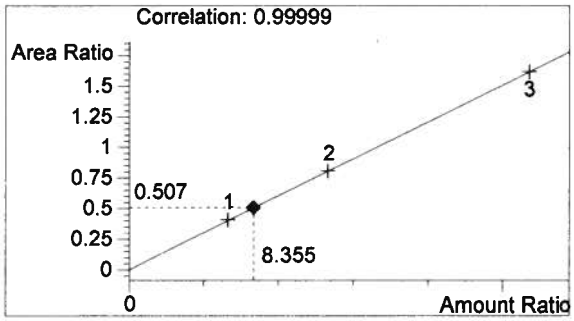
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2012 12:53:02 PM
Sample Name: 0.10 CONTROL-RF
Instrument: HSGC#3
Operator: Rebecca Flaherty
Column: DB-ALC2
Location: Vial 7
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015

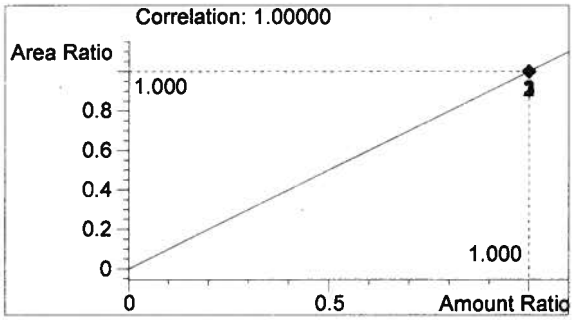


#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.026
2	n-Propanol	1370	1.757

RF



Ethanol 0.100 g/100mL



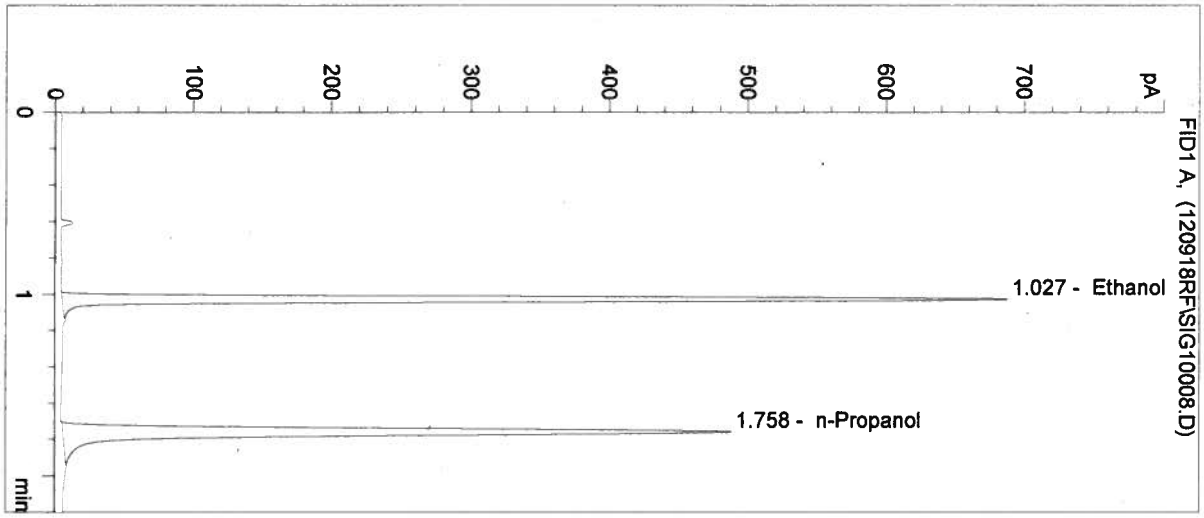
n-Propanol 0.012 g/100mL

12042

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

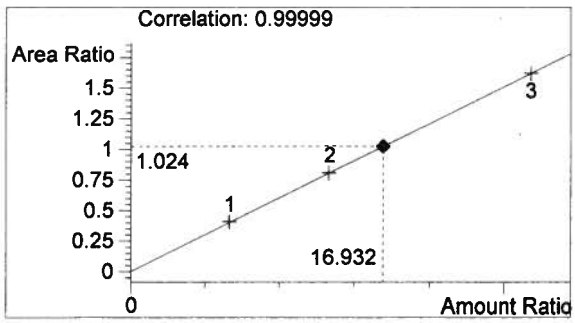
Inj. Date: 9/18/2012 12:56:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20 Control - Lot #A084657 - Exp. 02/2016

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

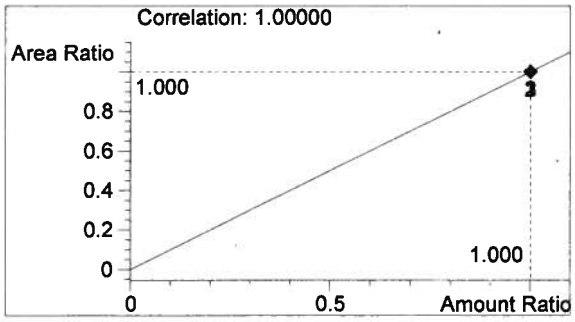


#	Compound	Peak Area	RT (min)
1	Ethanol	1381	1.027
2	n-Propanol	1349	1.758

RF



Ethanol 0.203 g/100mL



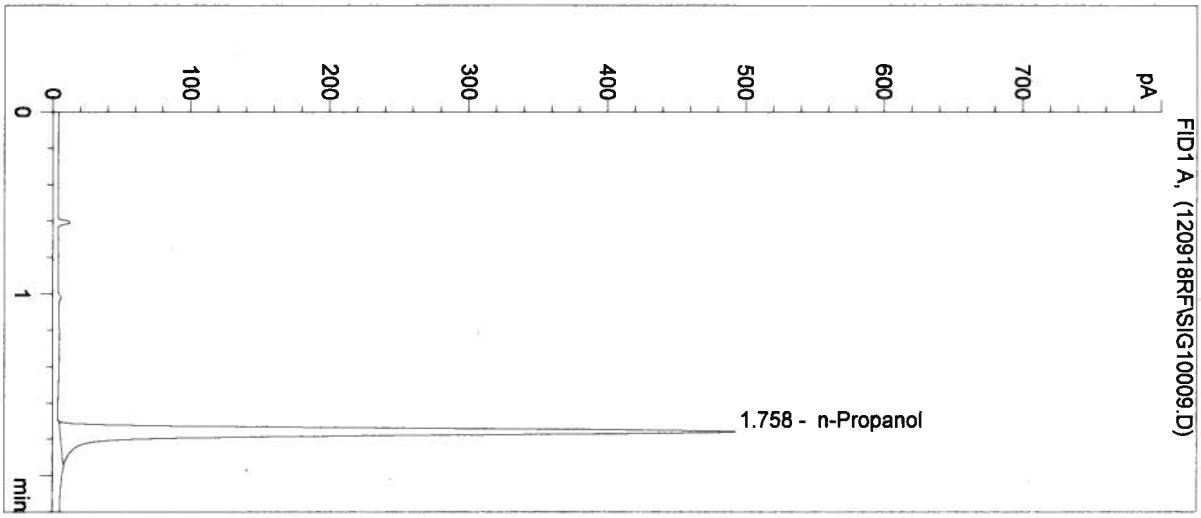
n-Propanol 0.012 g/100mL

12042

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

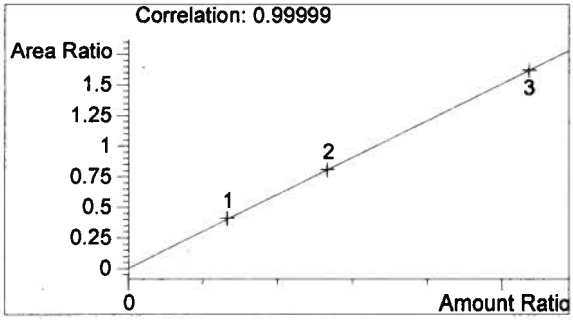
Inj. Date: 9/18/2012 12:59:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

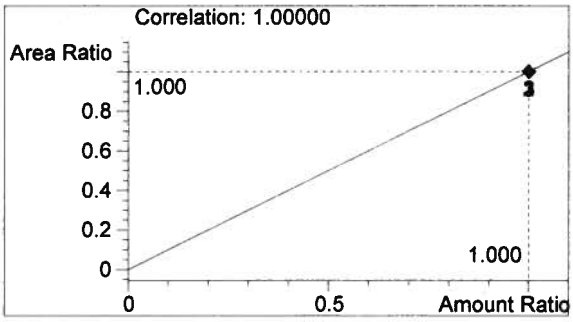


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1363	1.758

RF



Ethanol 0.000 g/100mL



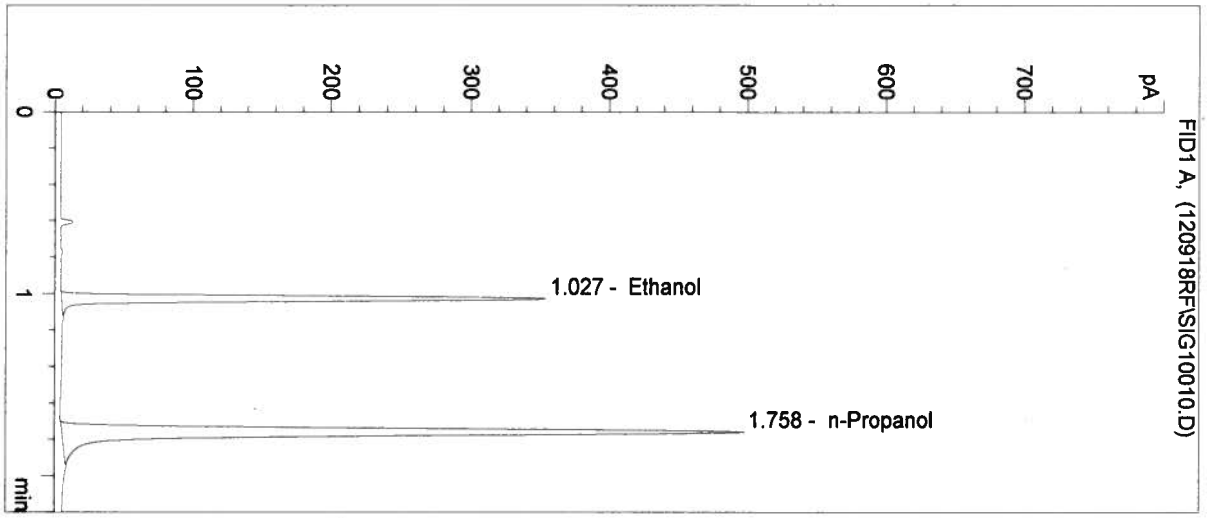
n-Propanol 0.012 g/100mL

12042

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

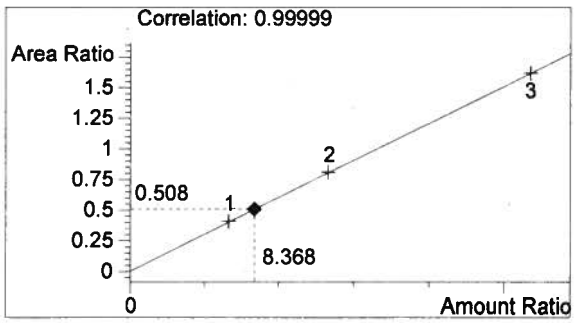
Inj. Date: 9/18/2012 1:02:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12042 #1
Operator: Rebecca Flaherty
Location: Vial 10

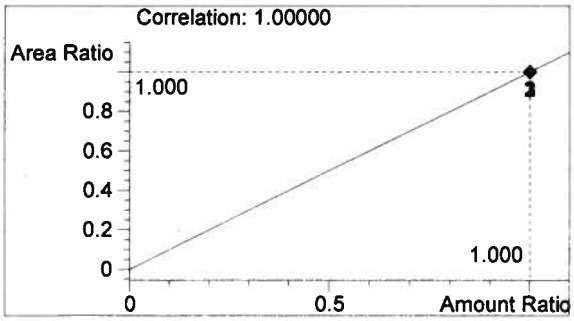


#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.027
2	n-Propanol	1378	1.758

RF



Ethanol 0.100 g/100mL

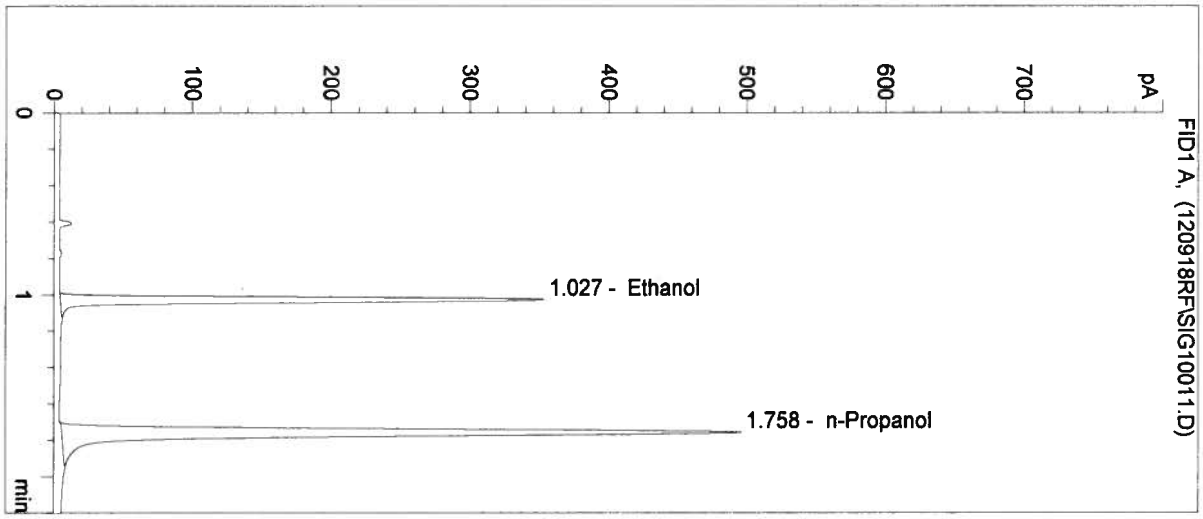


n-Propanol 0.012 g/100mL

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

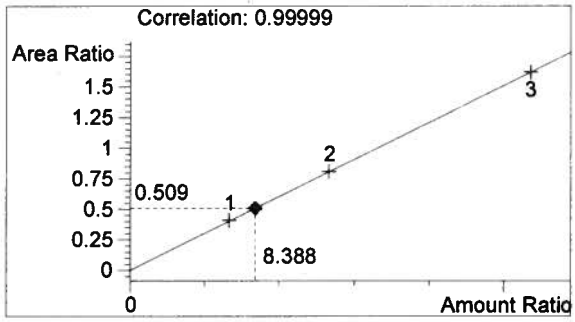
Inj. Date: 9/18/2012 1:05:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12042 #2
Operator: Rebecca Flaherty
Location: Vial 11

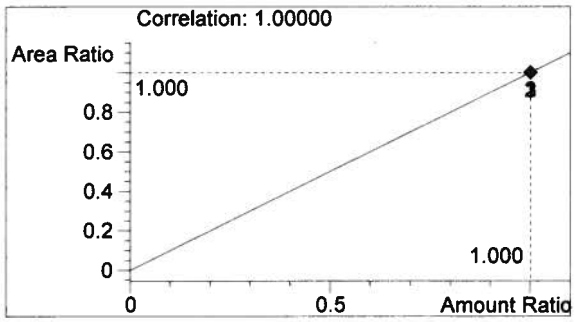


#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.027
2	n-Propanol	1372	1.758

RF



Ethanol 0.101 g/100mL

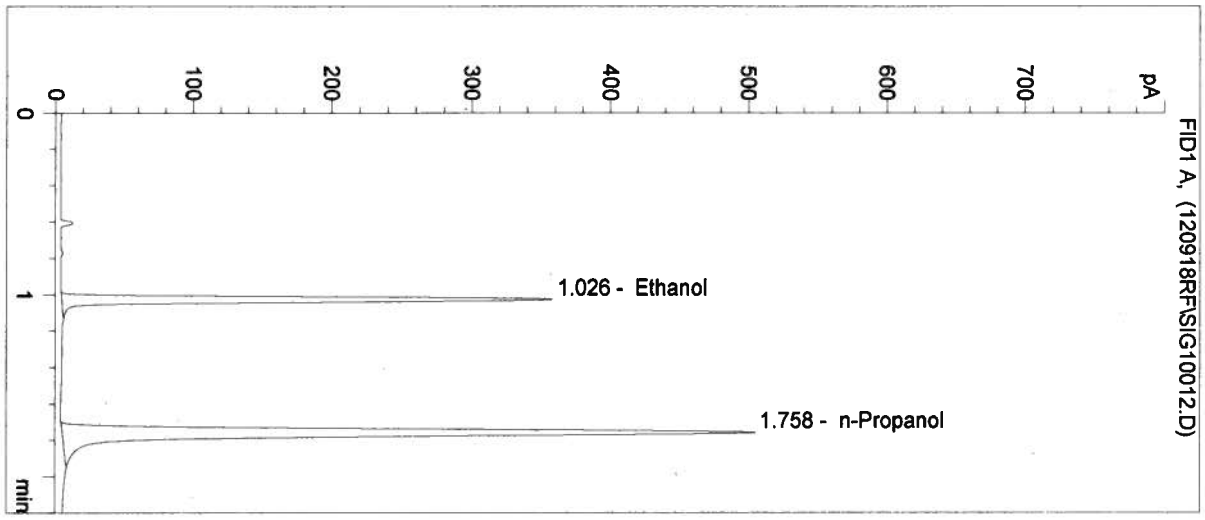


n-Propanol 0.012 g/100mL

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

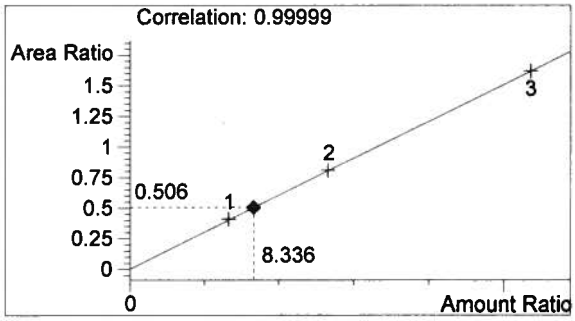
Inj. Date: 9/18/2012 1:08:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12042 #3
Operator: Rebecca Flaherty
Location: Vial 12

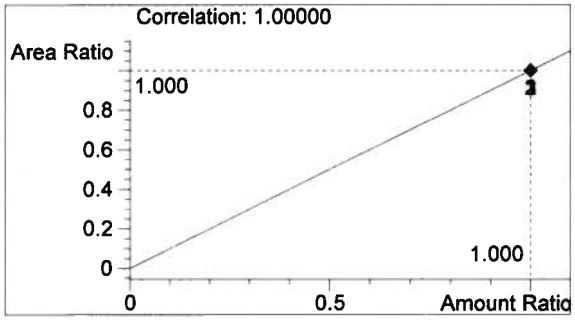


#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.026
2	n-Propanol	1400	1.758

RF



Ethanol 0.100 g/100mL

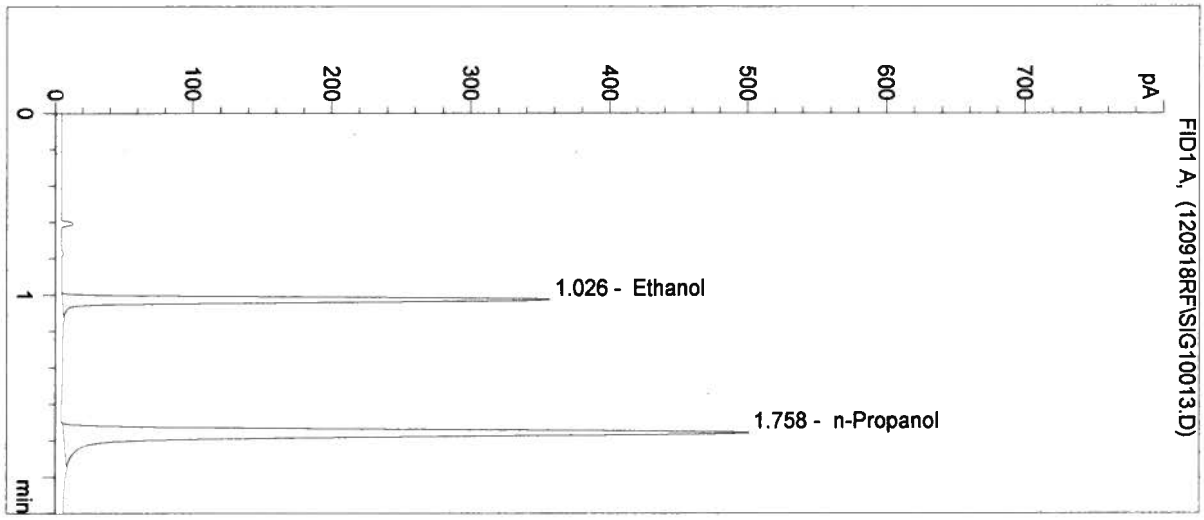


n-Propanol 0.012 g/100mL

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

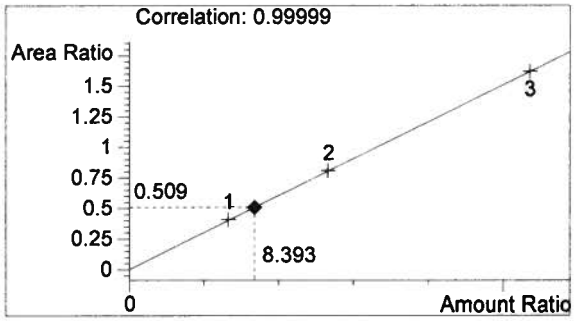
Inj. Date: 9/18/2012 1:11:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12042 #4
Operator: Rebecca Flaherty
Location: Vial 13

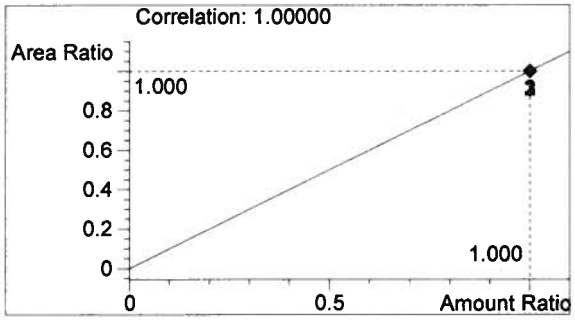


#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.026
2	n-Propanol	1383	1.758

RF



Ethanol 0.101 g/100mL

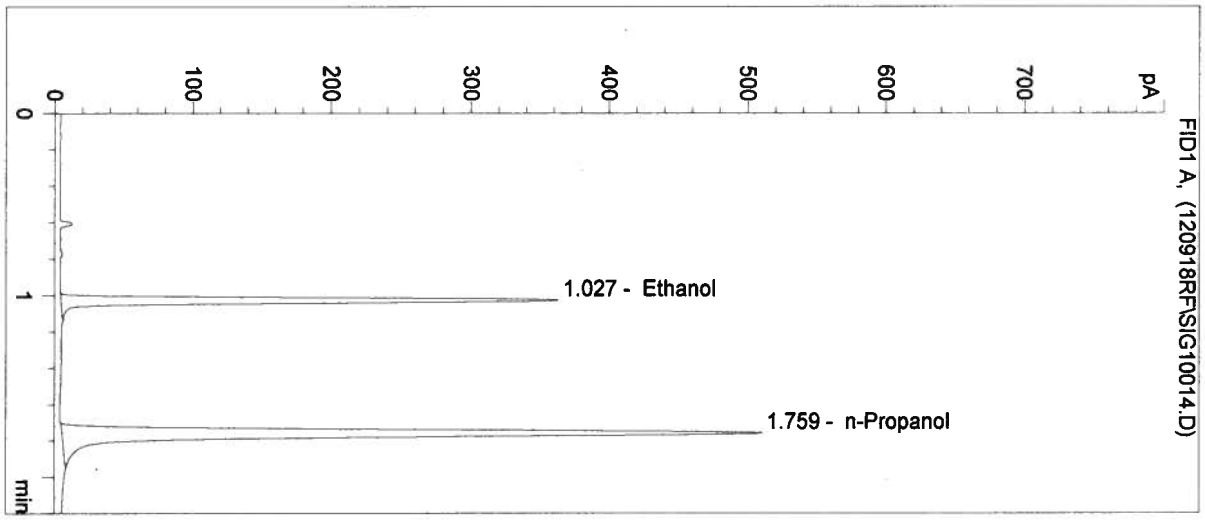


n-Propanol 0.012 g/100mL

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

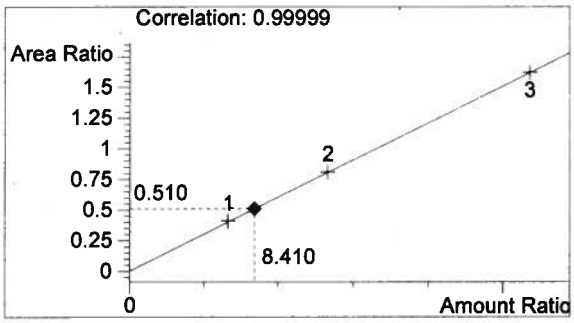
Inj. Date: 9/18/2012 1:14:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12042 #5
Operator: Rebecca Flaherty
Location: Vial 14

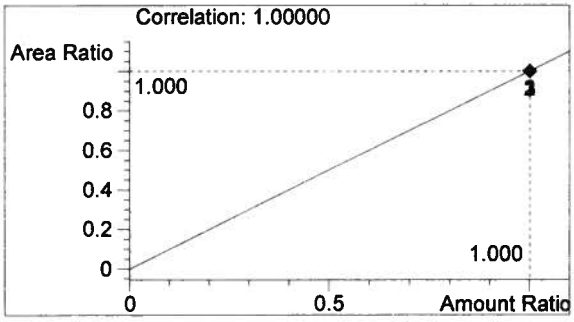


#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1407	1.759

RF



Ethanol 0.101 g/100mL

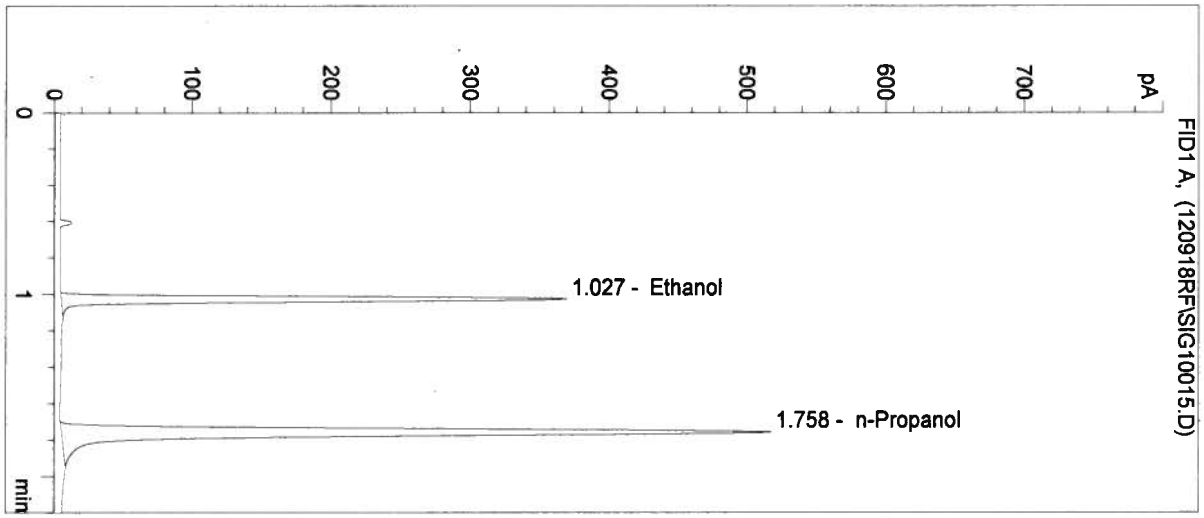


n-Propanol 0.012 g/100mL

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

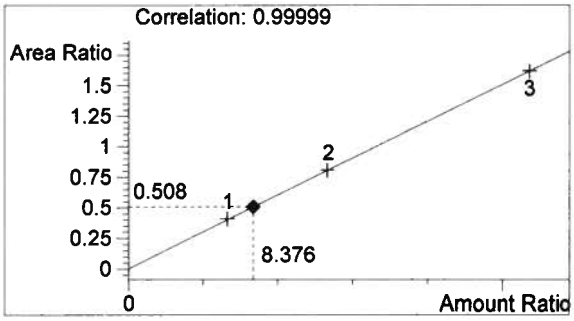
Inj. Date: 9/18/2012 1:18:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10 Control - Lot #A083355 - Exp. 12/2015

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

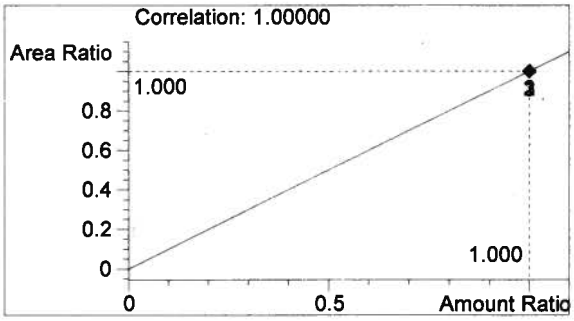


#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.027
2	n-Propanol	1428	1.758

RF



Ethanol 0.101 g/100mL



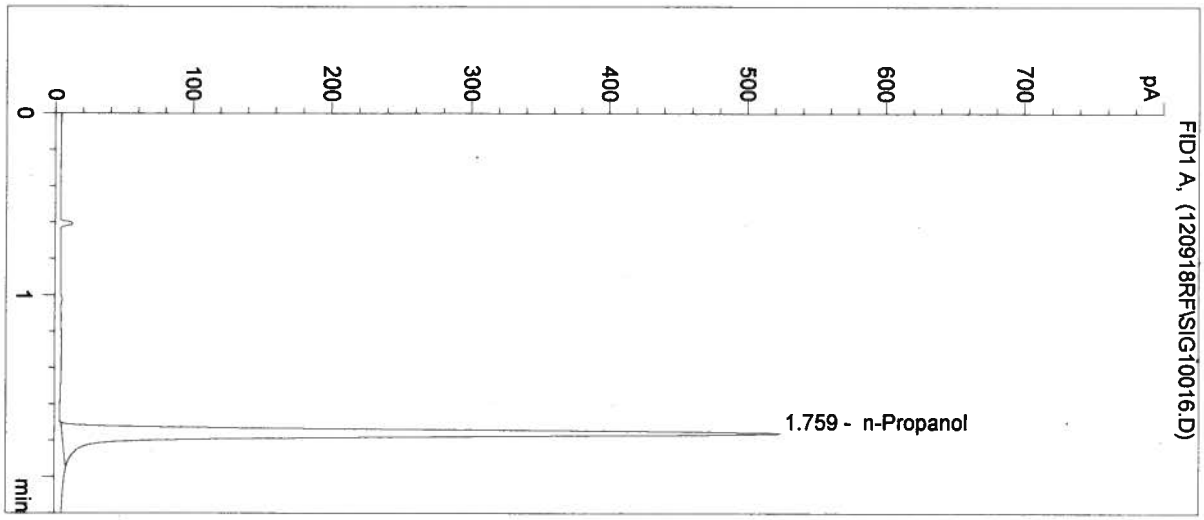
n-Propanol 0.012 g/100mL

12042

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

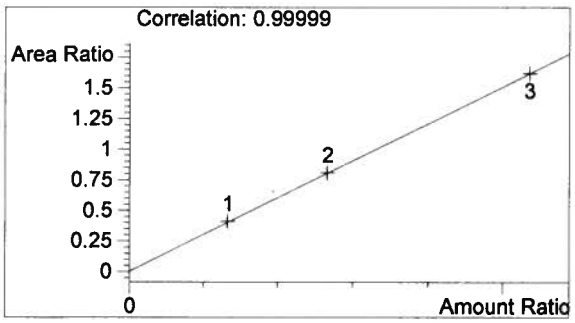
Inj. Date: 9/18/2012 1:21:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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



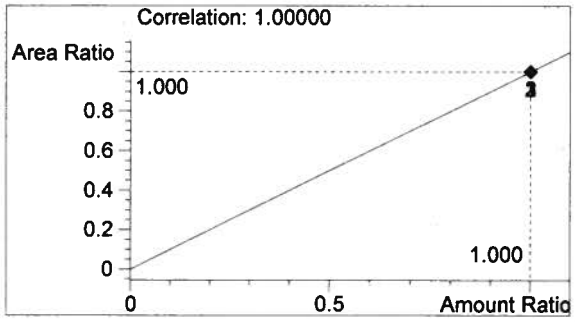
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1444	1.759

RF



Ethanol 0.000 g/100mL

12042



n-Propanol 0.012 g/100mL