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

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/18/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12043

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: 09/26/2012
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Christie Mitchell-Mata

	CM	AJL	RF	SS	JLK	CSJ	BEO	NN
1	0.103	0.102	0.103	0.102	0.103	0.102	0.103	0.105
2	0.103	0.103	0.102	0.102	0.103	0.102	0.102	0.104
3	0.103	0.102	0.102	0.102	0.104	0.102	0.102	0.103
4	0.103	0.102	0.104	0.102	0.103	0.102	0.104	0.103
5	0.103	0.101	0.104	0.101	0.104	0.102	0.103	0.103
C	0.100	0.099	0.101	0.101	0.101	0.101	0.102	0.103

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1027 g/100mL
STANDARD DEVIATION: 0.00088
PRECISION CV (%): 0.86
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0835 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — FS-5 — 10-10-2012
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		09/26/2012
AJL	Asa J. Louis		09/27/2012
RF	Rebecca Flaherty		09/27/2012
SS	Sarah Swenson		09/28/2012
JLK	Justin L. Knoy		10/02/2012
CSJ	Christopher S. Johnston		10/02/2012
BEO	Brianne O'Reilly		10/04/2012
NN	Naziha Nuwayhid		10/04/2012

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 #: 12043 **Date Prepared:** 9/26/2012

Analyst:	CM	AJL	RF	SS	JLK	CSJ	BEO	NN
Date Tested:	9/26/2012	9/27/2012	9/27/2012	9/28/2012	10/2/2012	10/2/2012	10/4/2012	10/4/2012
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.103	0.102	0.103	0.102	0.103	0.102	0.103	0.105
2	0.103	0.103	0.102	0.102	0.103	0.102	0.102	0.104
3	0.103	0.102	0.102	0.102	0.104	0.102	0.102	0.103
4	0.103	0.102	0.104	0.102	0.103	0.102	0.104	0.103
5	0.103	0.101	0.104	0.101	0.104	0.102	0.103	0.103
C	0.100	0.099	0.101	0.101	0.101	0.101	0.102	0.103

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000739040	0.0001400423	0.0001016326

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

Average Solution Concentration: 0.1027 g/100mL
Standard Deviation: 0.00088 g/100mL
Precision CV (%): 0.86
Equivalent Vapor Concentration: 0.0835 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa R. Pemberton [signature] 10/5/12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 10-10-2012 Method: Hand Calculation
Name Signature Date

Technical review of batch file performed by:

Melissa R. Pemberton [signature] 10/9/12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 10-10-2012

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 12043

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

Comments:

Reviewer Signature: [signature] **Date:** 10-10-2012

Reviewer Signature: N/A AB 10-10-12 **Date:**

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 9/26/2012 Initials of Preparer: CM

Expiration Date: 9/26/2013

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	☑	12043

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 9/26/2012 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:

Christie Mitchell Mch
Analyst Signature

9/26/2012
Date

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	AL	2012 Oct 05
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BWO	10·8·12
Brittany Ball		
Christie Mitchell-Mata	CM	10/5/12
Christopher Johnston	CJ	10·5·12
Dawn Sklerov		
Justin Knoy	JK	10.5.12
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid	NN	10.9.12
Rebecca Flaherty	RF	10·5·12
Sarah Swenson	SMS	10/5/12

Batch # 12043

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 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

Christie Mitchell-Mata 10/5/2012

Christie Mitchell-Mata Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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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 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

2012 Oct 05

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 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

10/5/12

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 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

10·5·12

Rebecca Flaherty — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

10.5.12

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 12043

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 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

10/5/2012

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 12043

I, Brianne E. O'Reilly, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The external standard solution, Lot Number 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

Brianne E O'Reilly 10·8·12

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12043

I, Naziha Nuwayhid, 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: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 12043, was prepared in the Washington State Toxicology Laboratory on 9/26/2012. 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 9/26/2013.

Seattle, WA

10.9.12

Naziha Nuwayhid — Date

Forensic Toxicologist

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120926CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator Lot#E0912-01 Exp. 3/6/13
0.158 Calibrator Lot#E0912-02 Exp. 3/6/13
0.316 Calibrator Lot#E0912-03 Exp. 3/6/13
0.04 control lot# A077459 Exp. 02/2015
0.10 control lot# A083355 Exp. 12/2015
0.20 control lot# A084657 Exp. 02/2016
n-propanol ISTD Lot#P0812 Exp. 11/15/12

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #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		

12043

Calibration Part:

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

CM

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

Sequence Table (Back Injector):

No entries - empty table!

12043

CM

Calibration Table

Calib. Data Modified : Wednesday, September 26, 2012 10:58:09 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
1.027	1	1	7.98400e-2	553.77167	1.44175e-4	1		Ethanol
		2	1.59780e-1	1111.62109	1.43736e-4			
		3	3.19310e-1	2243.75879	1.42310e-4			
1.758	1	1	1.20000e-2	1385.71521	8.65979e-6	I1		n-Propanol
		2	1.20000e-2	1387.07141	8.65132e-6			
		3	1.20000e-2	1408.06165	8.52235e-6			

Peak Sum Table

No Entries in table

12043

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Calibration Curves

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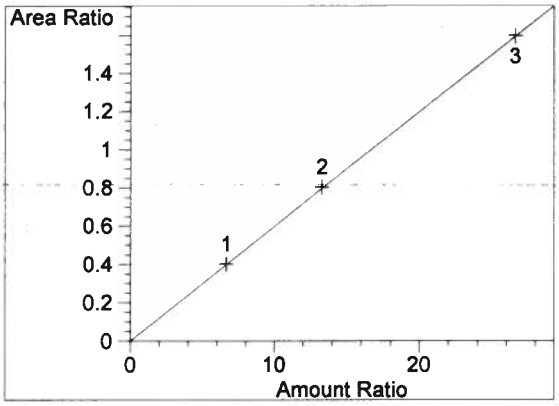
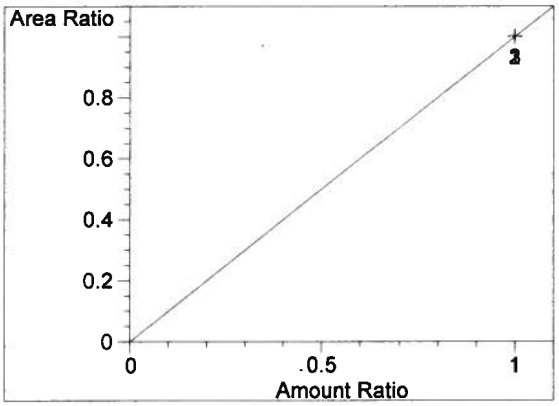


Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00233
Formula: y = mx + b
m: 5.98878e-2
b: 1.28234e-3
x: Amount Ratio
y: Area Ratio



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

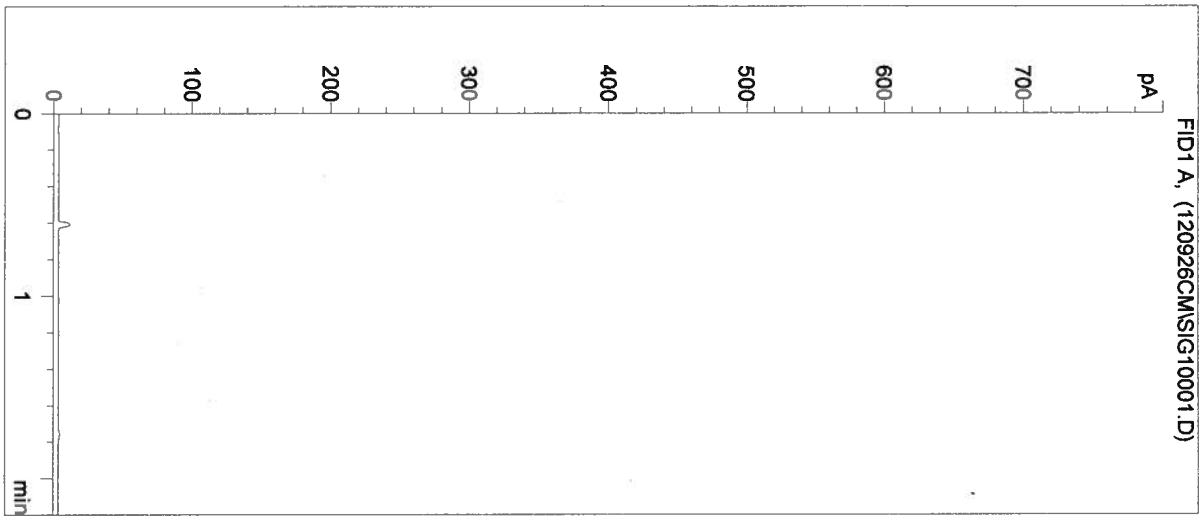
==========

12043

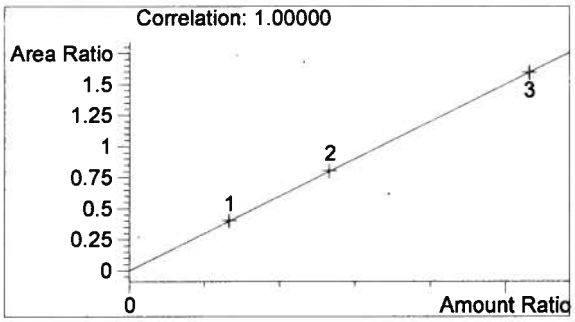
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 10:46:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

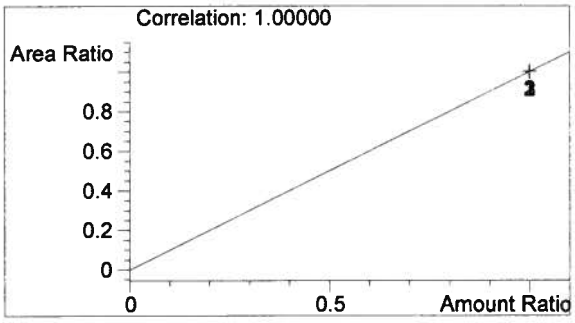
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

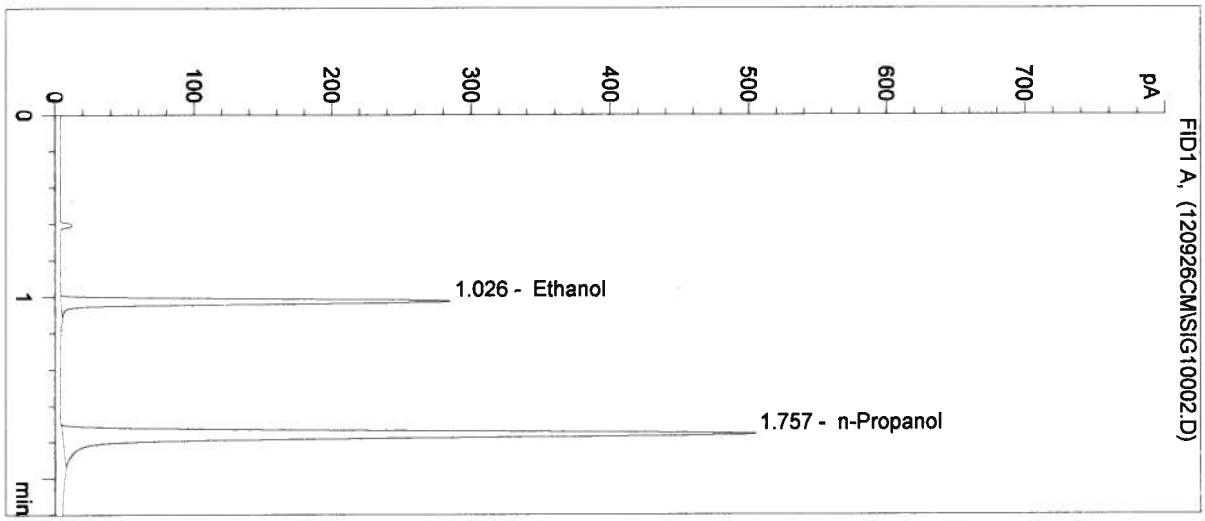
12043

CM

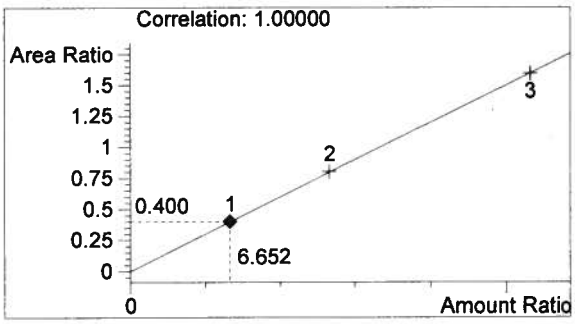
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 10:49:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

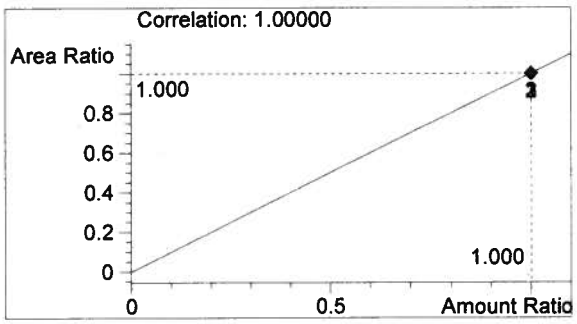
Sample Name: 0.079 CAL
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	554	1.026
2	n-Propanol	1386	1.757



Ethanol 0.080 g/100mL



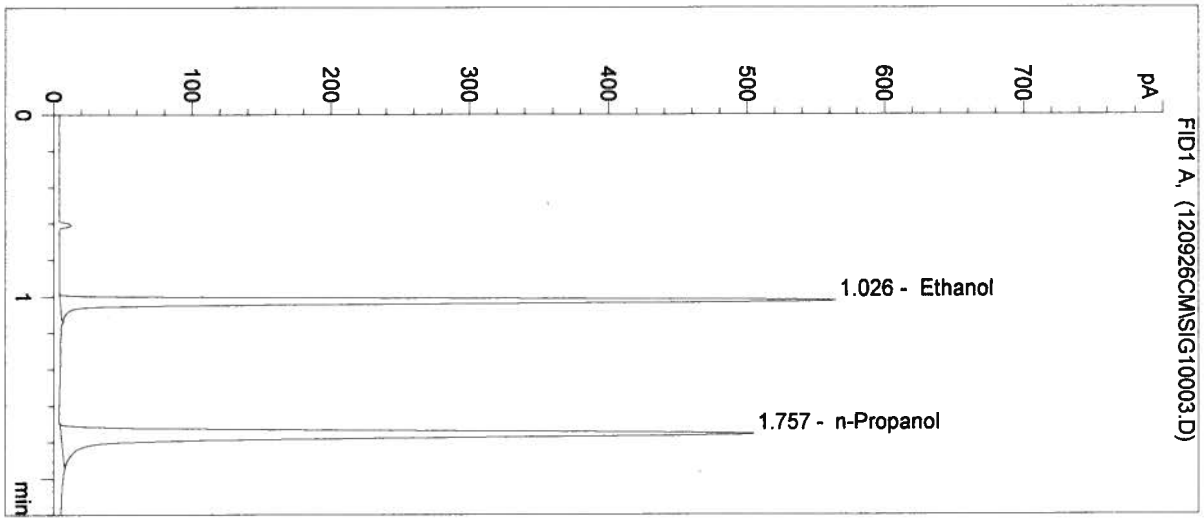
n-Propanol 0.012 g/100mL

12048

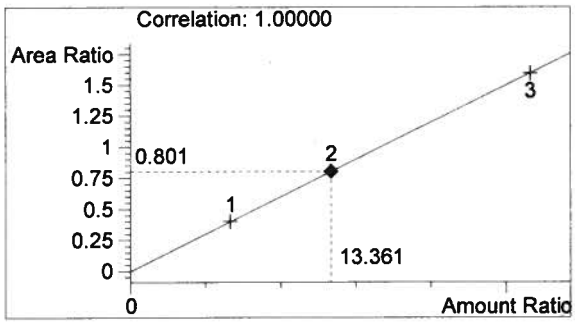
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 10:52:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

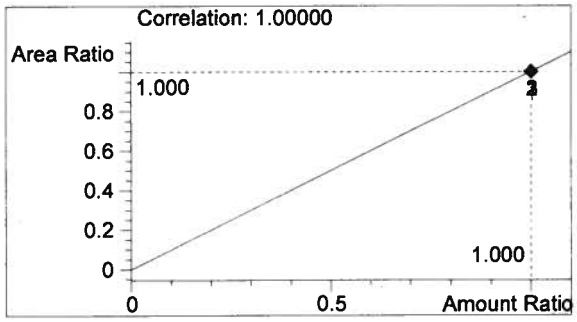
Sample Name: 0.158 CAL
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.026
2	n-Propanol	1387	1.757



Ethanol 0.160 g/100mL



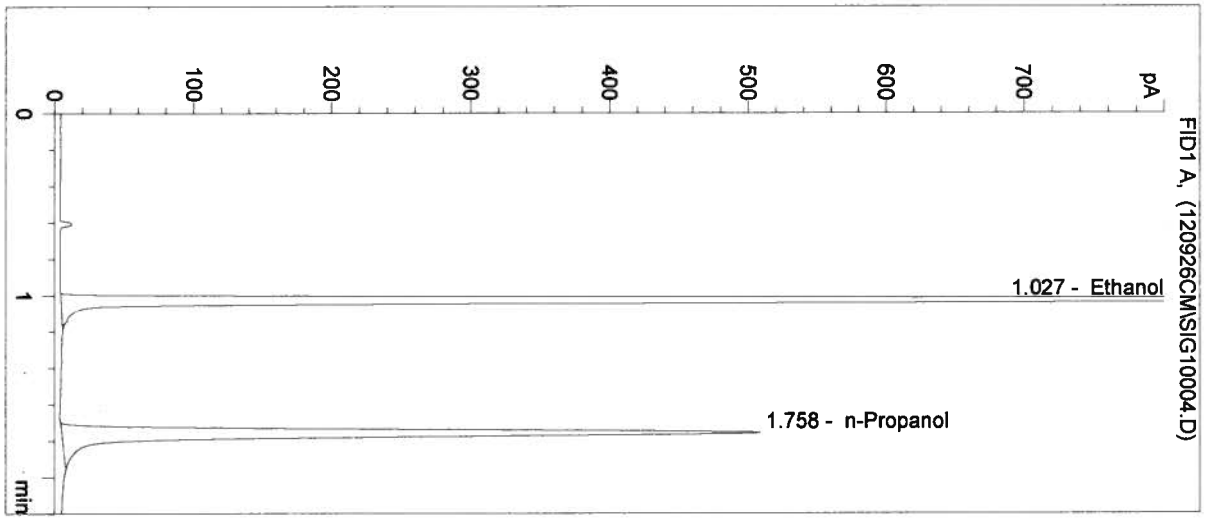
n-Propanol 0.012 g/100mL

12043

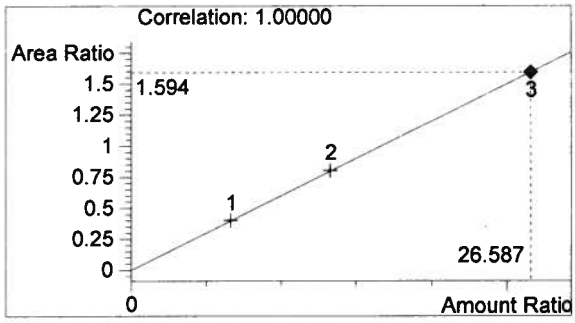
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 10:55:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

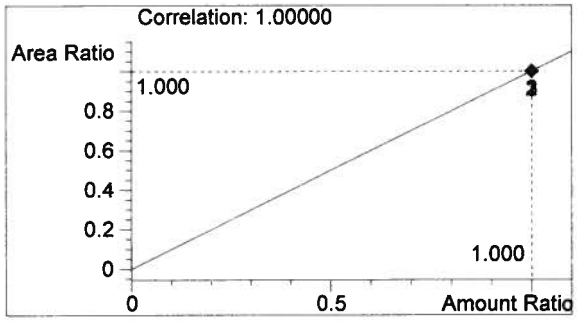
Sample Name: 0.316 CAL
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2244	1.027
2	n-Propanol	1408	1.758



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

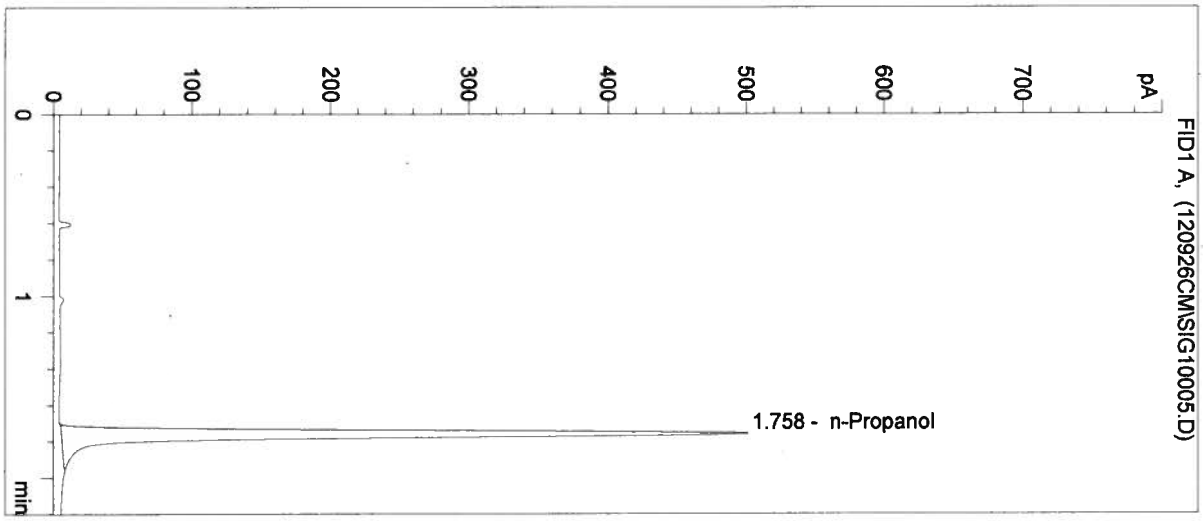
12048

CM

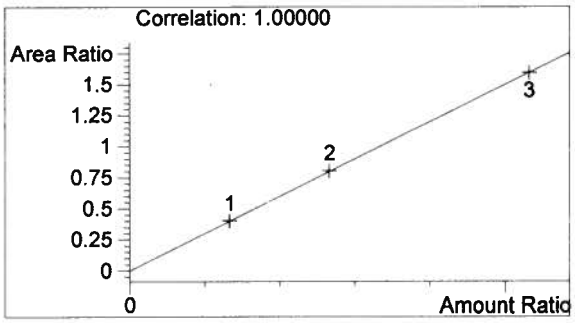
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 10:59:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

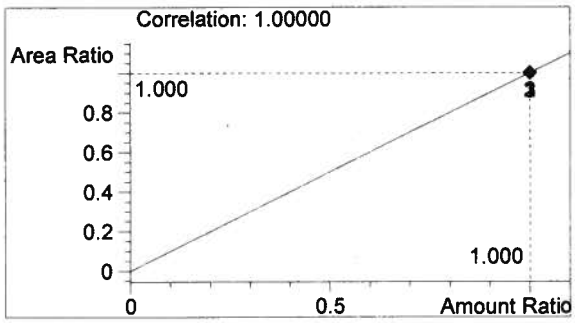
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1384	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

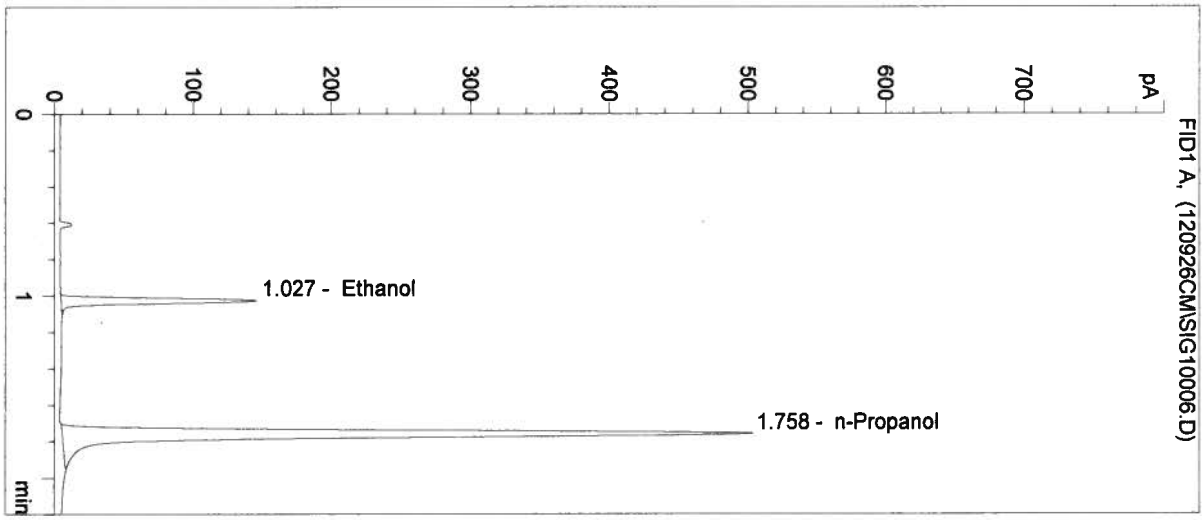
12043

CM

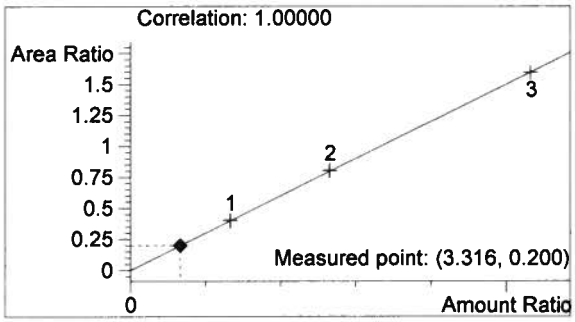
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:02:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

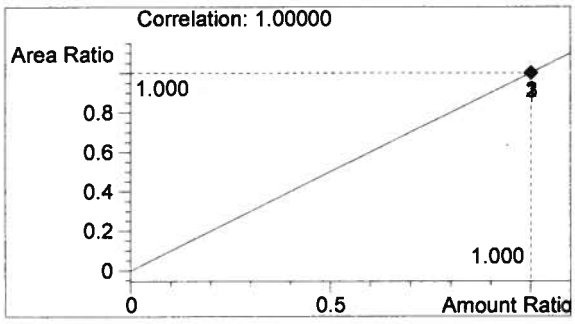
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	278	1.027
2	n-Propanol	1390	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

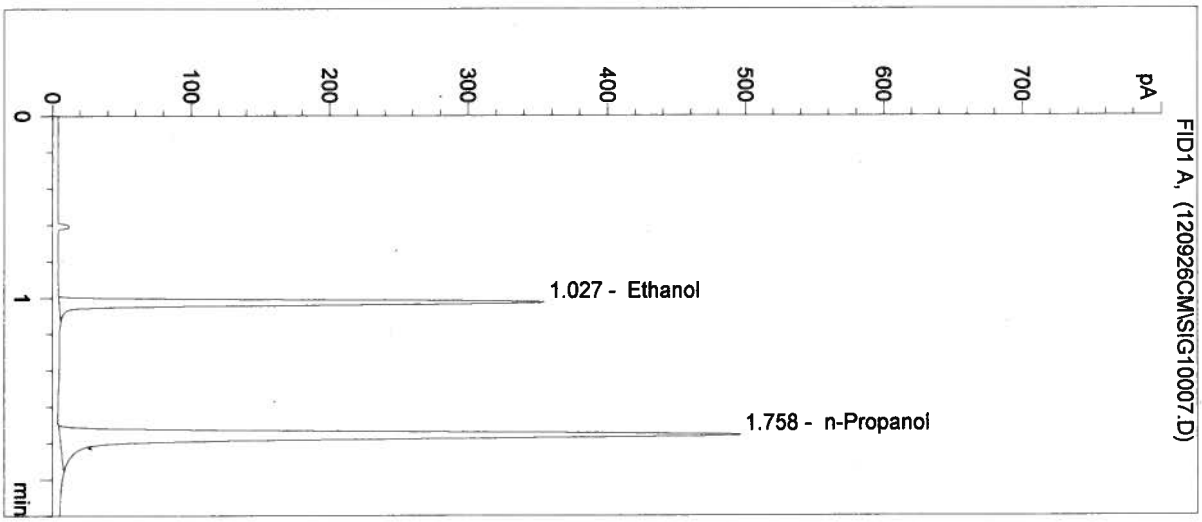
12043

CM

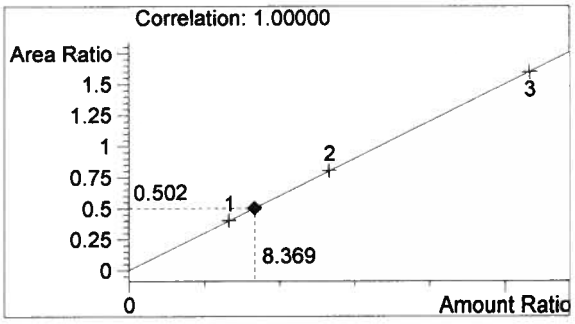
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:05:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

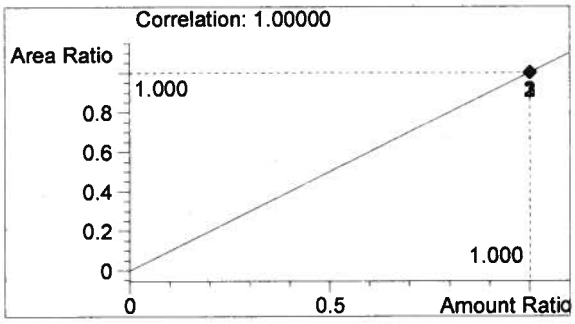
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.027
2	n-Propanol	1375	1.758



Ethanol 0.100 g/100mL



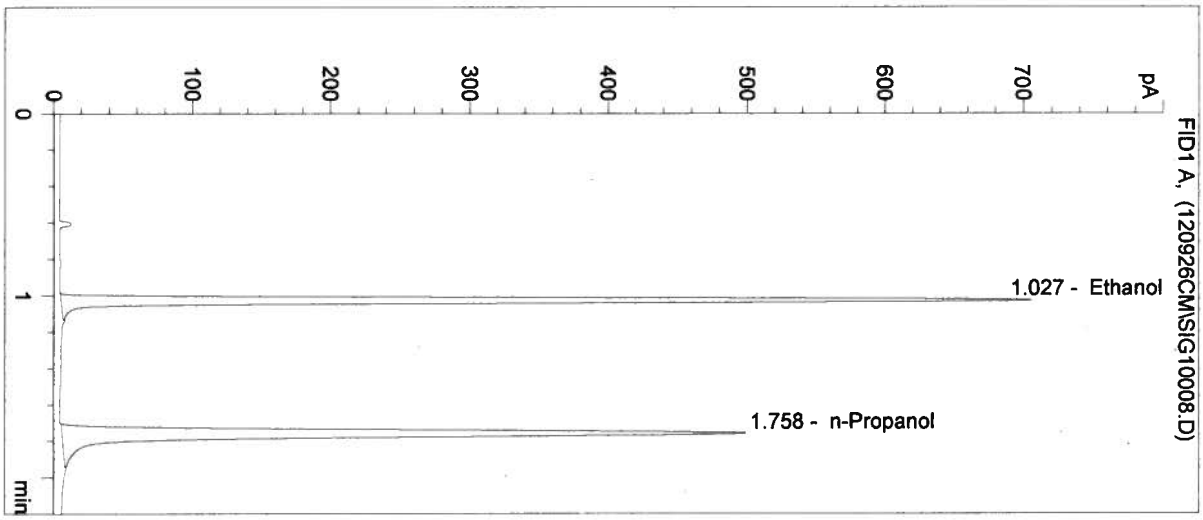
n-Propanol 0.012 g/100mL

12043

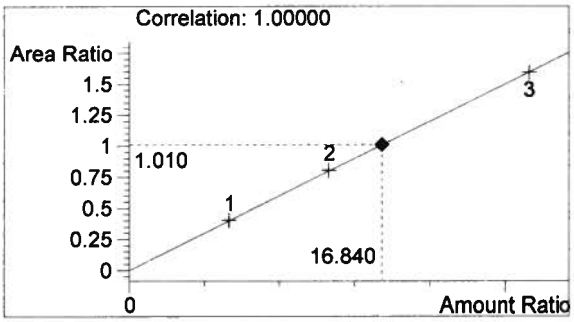
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:08:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

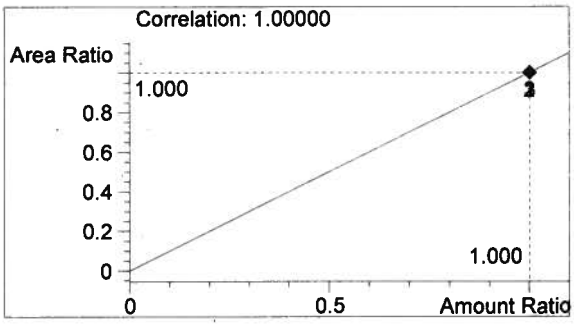
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1394	1.027
2	n-Propanol	1380	1.758



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

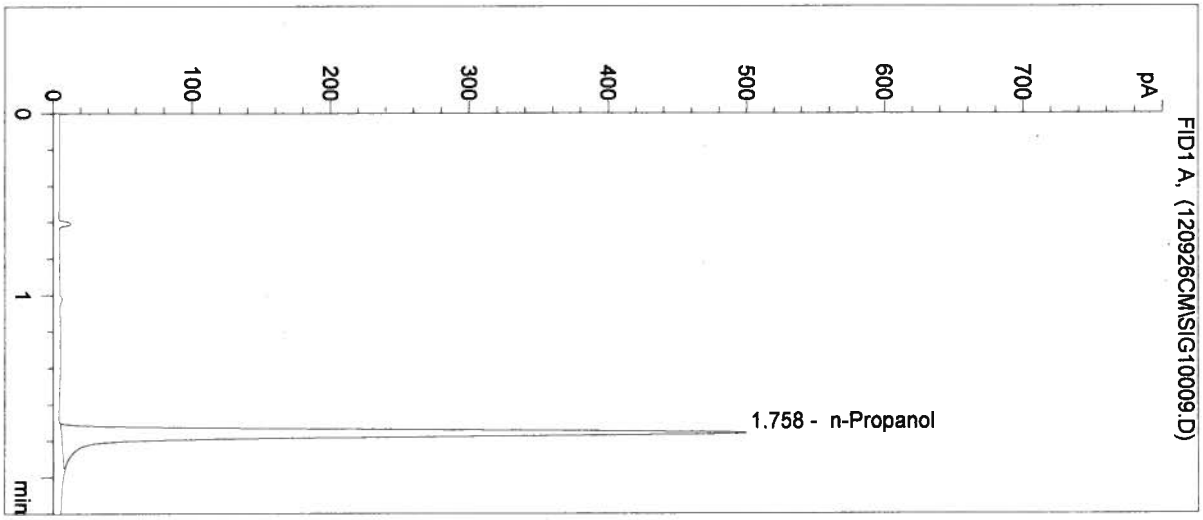
12043

CM

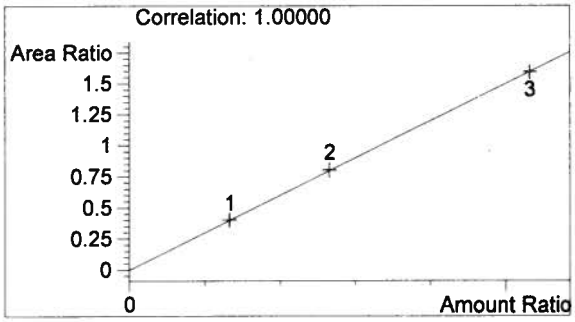
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:11:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

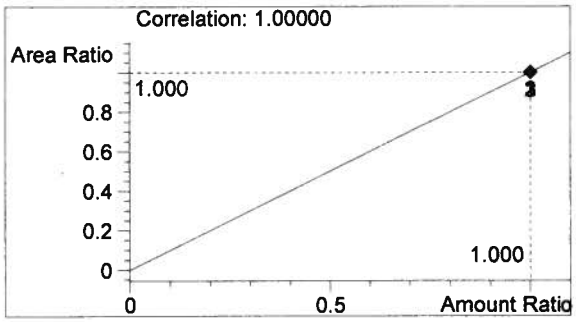
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1382	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

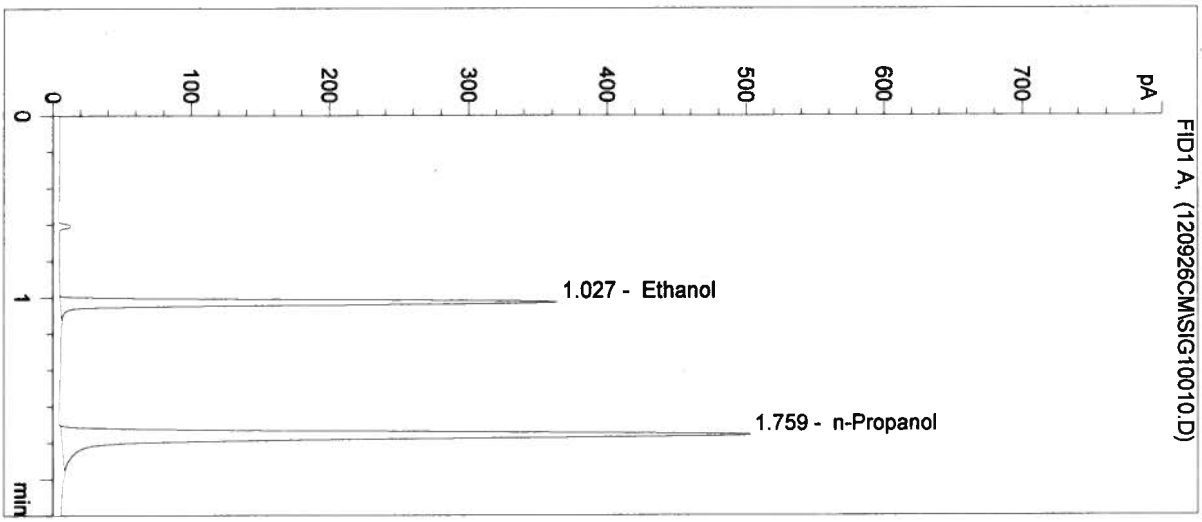
12043

CM

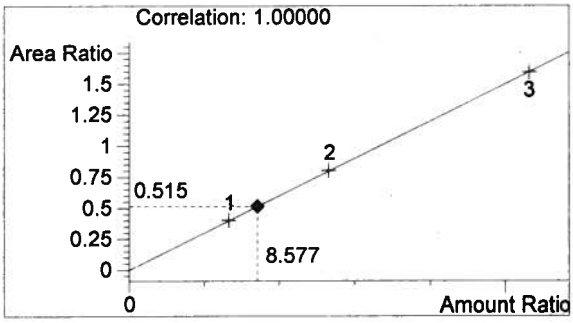
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:14:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

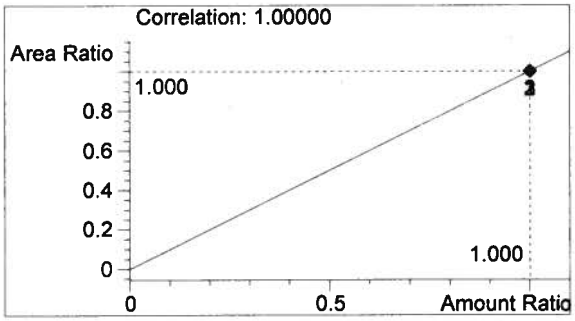
Sample Name: 12043 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.027
2	n-Propanol	1397	1.759



Ethanol 0.103 g/100mL



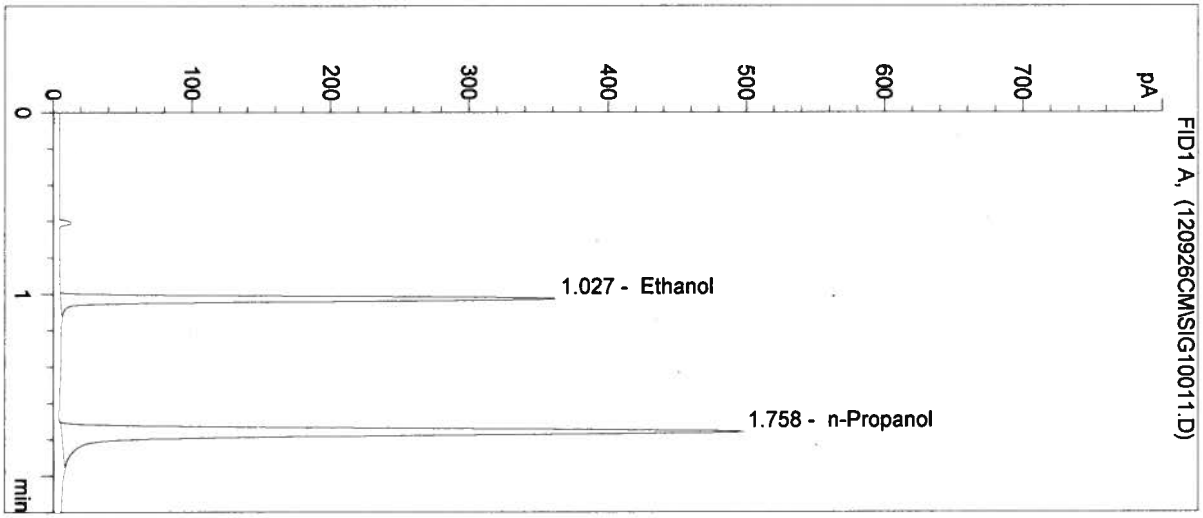
n-Propanol 0.012 g/100mL

CM

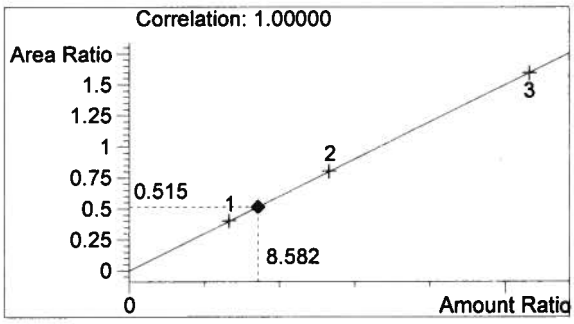
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:17:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

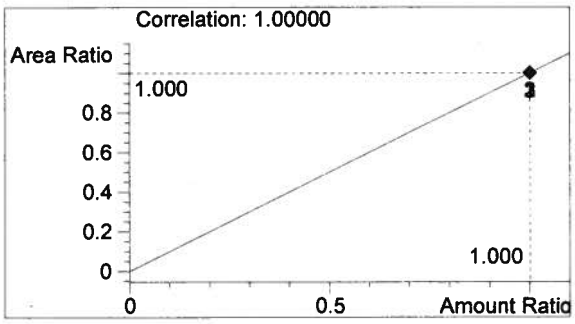
Sample Name: 12043 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1375	1.758



Ethanol 0.103 g/100mL

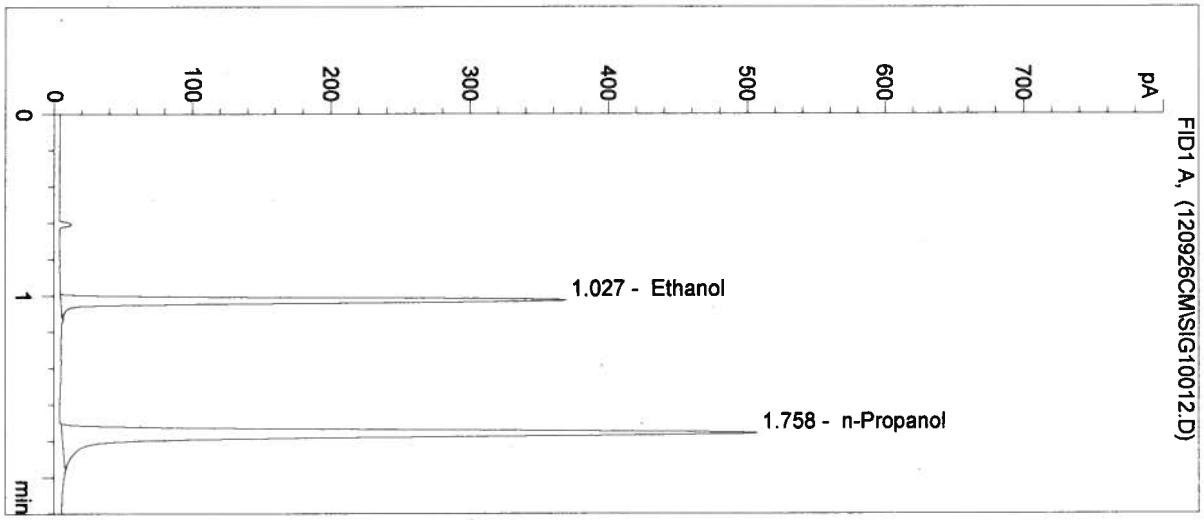


n-Propanol 0.012 g/100mL

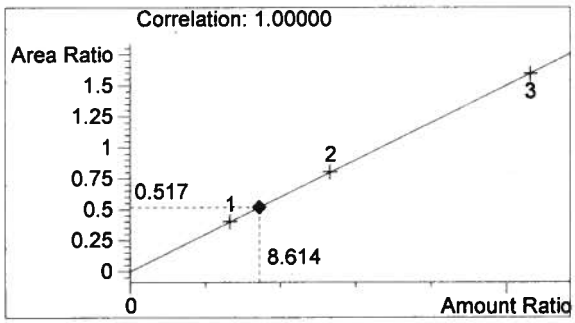
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:20:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

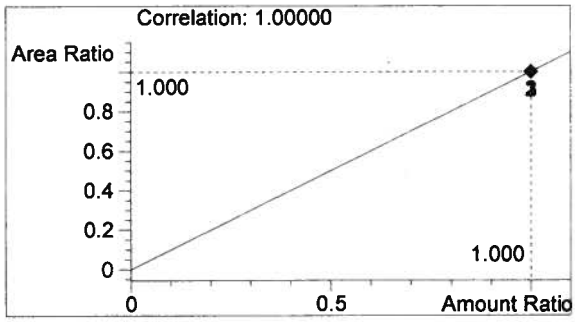
Sample Name: 12043 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.027
2	n-Propanol	1402	1.758



Ethanol 0.103 g/100mL



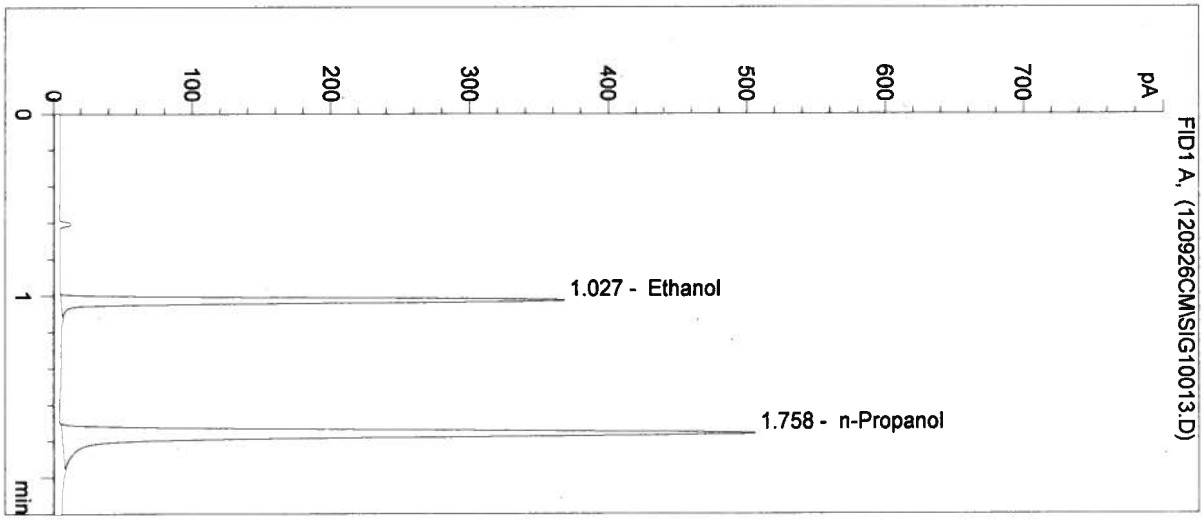
n-Propanol 0.012 g/100mL

CM

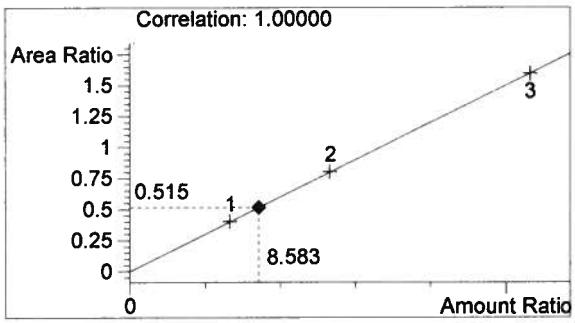
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:24:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

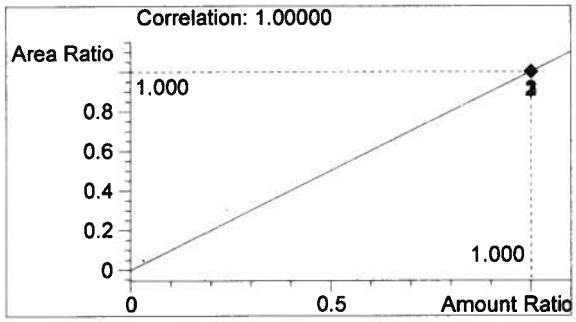
Sample Name: 12043 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.027
2	n-Propanol	1401	1.758



Ethanol 0.103 g/100mL



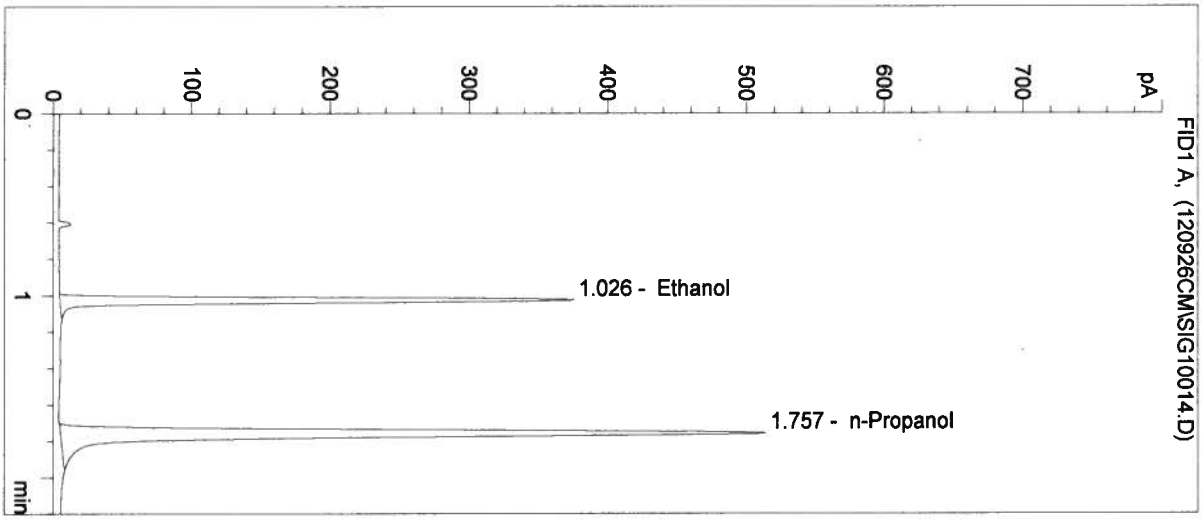
n-Propanol 0.012 g/100mL

CM

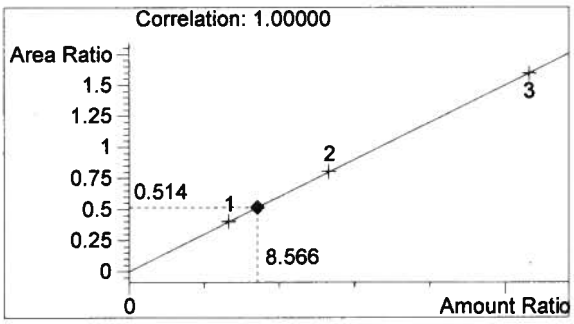
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:27:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

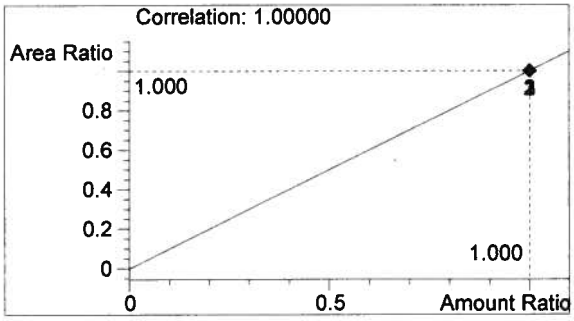
Sample Name: 12043 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.026
2	n-Propanol	1425	1.757



Ethanol 0.103 g/100mL



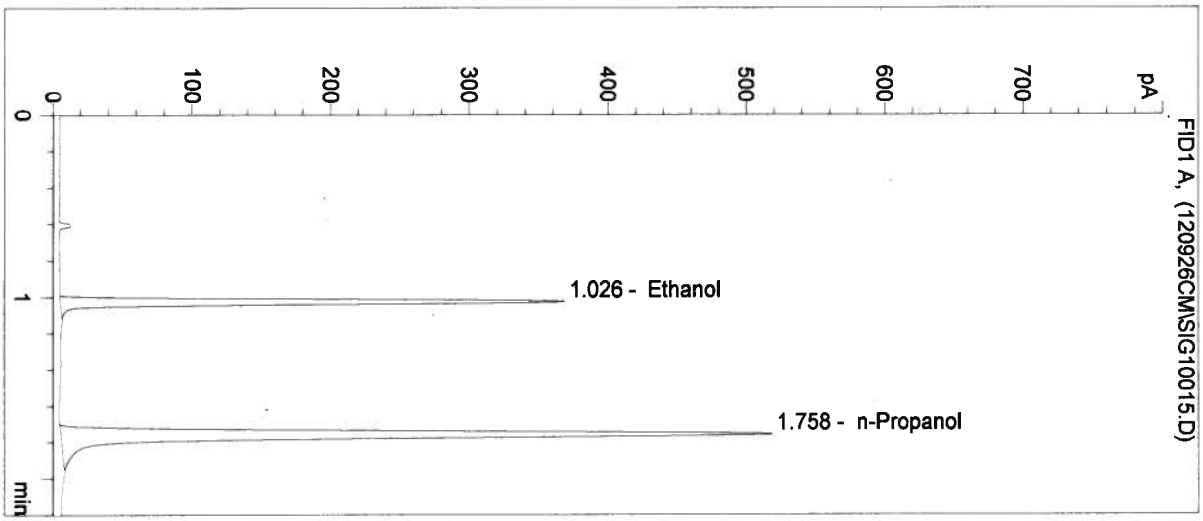
n-Propanol 0.012 g/100mL

CM

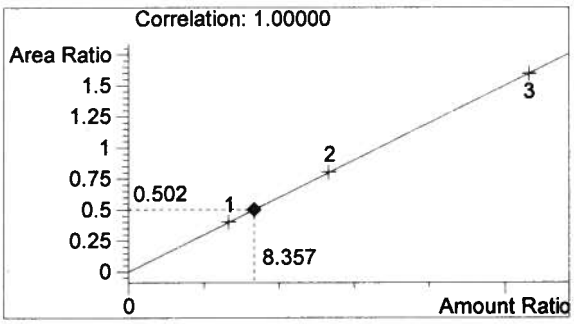
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:30:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

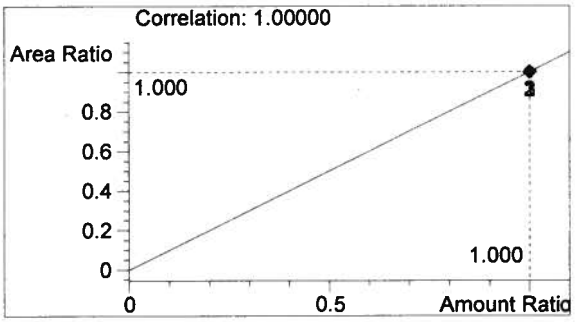
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.026
2	n-Propanol	1438	1.758



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

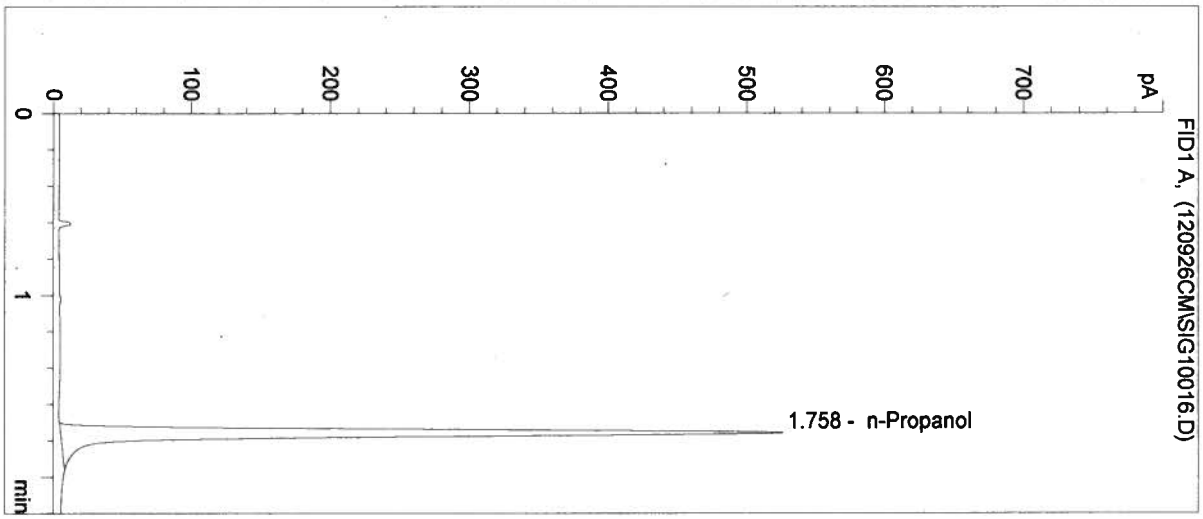
12043

CM

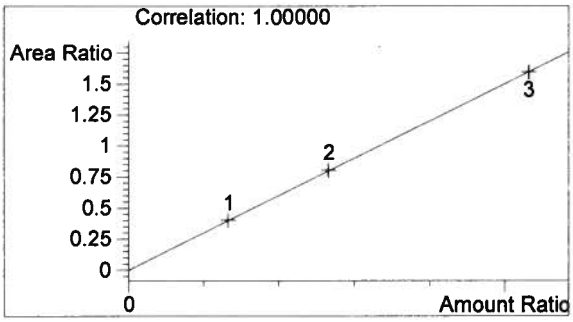
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/26/2012 11:33:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

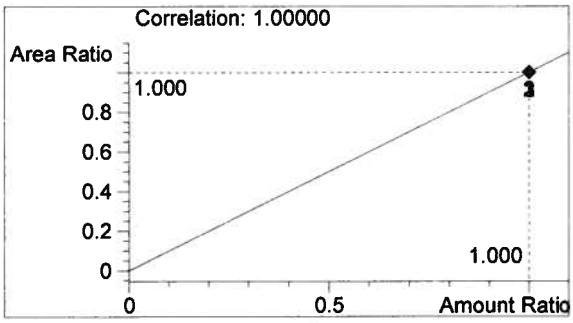
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1463	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12048

CM

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:	120927A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #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		

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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!

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Calibration Table

Calib. Data Modified : Thursday, September 27, 2012 10:04:54 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
1.029	1	1	7.98400e-2	543.31488	1.46950e-4		1	Ethanol
		2	1.59780e-1	1098.50830	1.45452e-4			
		3	3.19310e-1	2293.61914	1.39217e-4			
1.761	1	1	1.20000e-2	1328.62634	9.03188e-6		I1	n-Propanol
		2	1.20000e-2	1371.09216	8.75215e-6			
		3	1.20000e-2	1398.24255	8.58220e-6			

Peak Sum Table

No Entries in table

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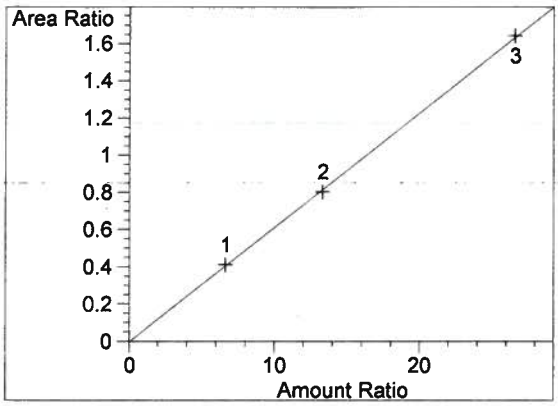
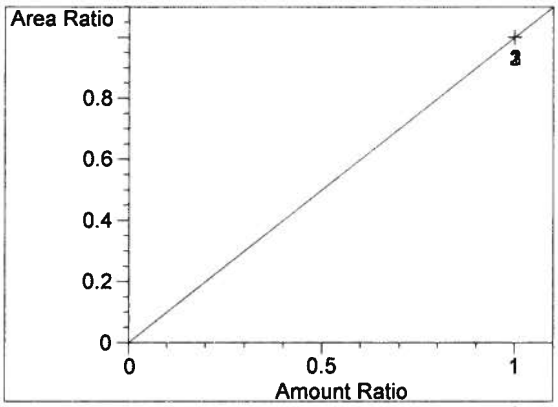
Calibration Curves

==========



Ethanol at exp. RT: 1.029
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.01175
Formula: y = mx + b
m: 6.15775e-2
b: -4.41094e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.761
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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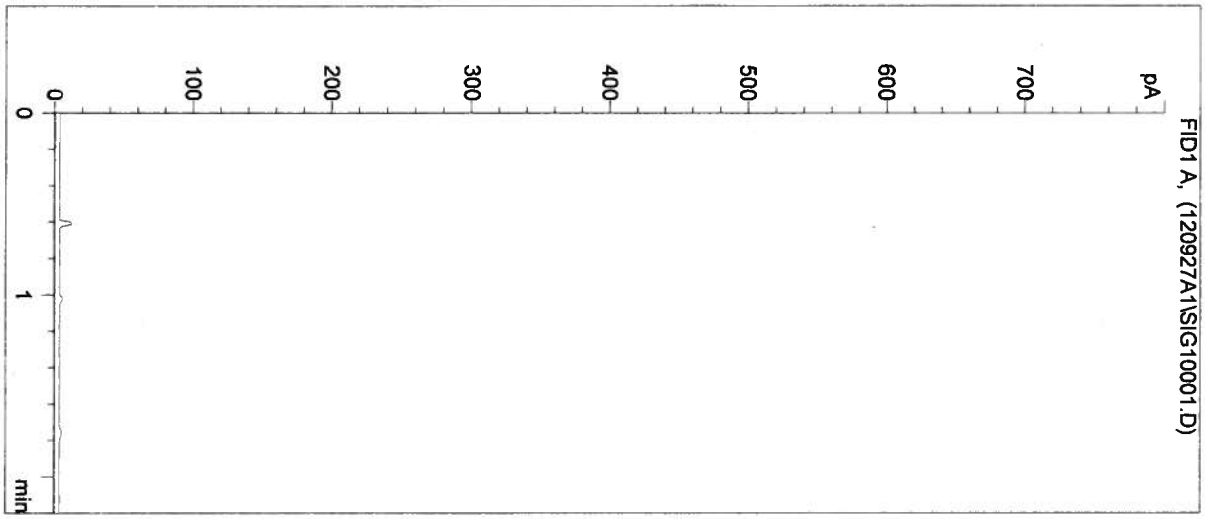
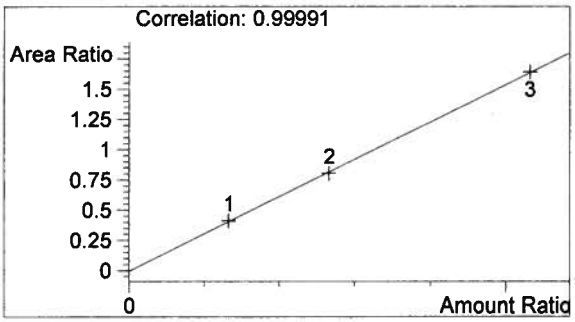
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 9:53:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

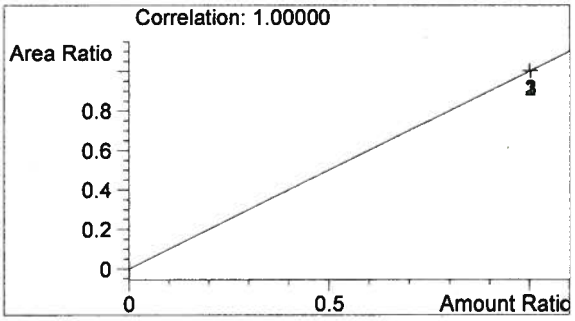
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

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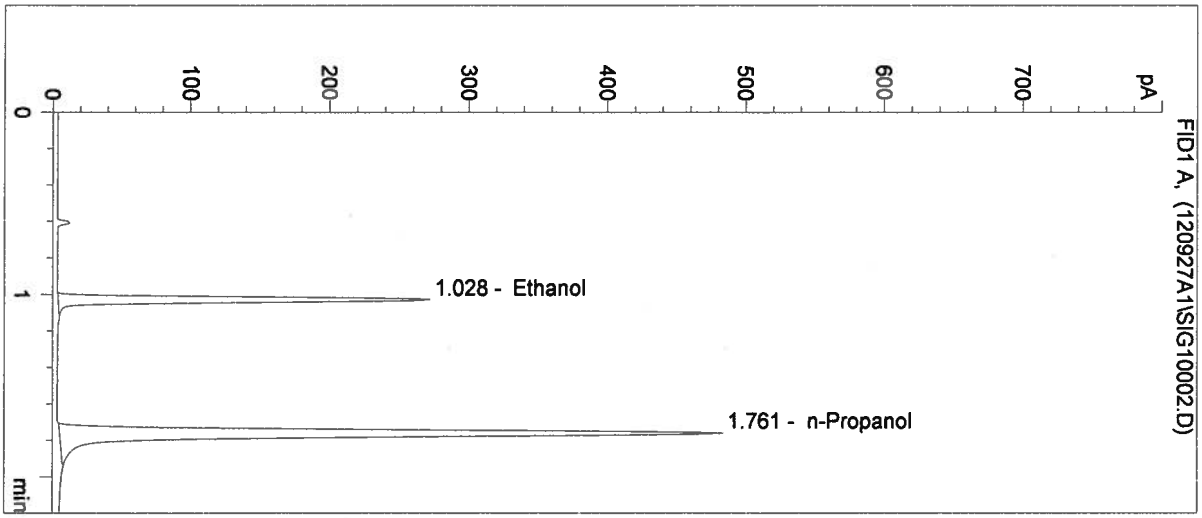
BATCH 12043
AL 2012 Sep 27

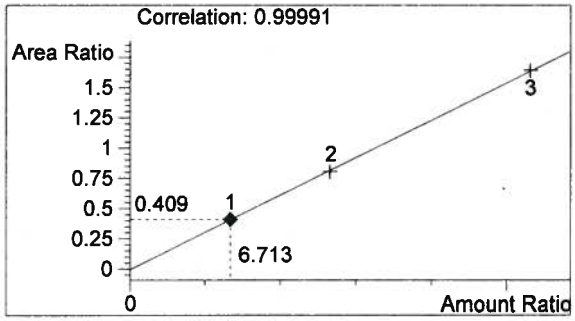
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 9:56:32 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

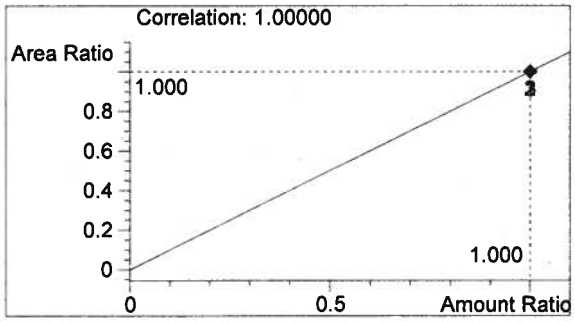
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	543	1.028
2	n-Propanol	1329	1.761



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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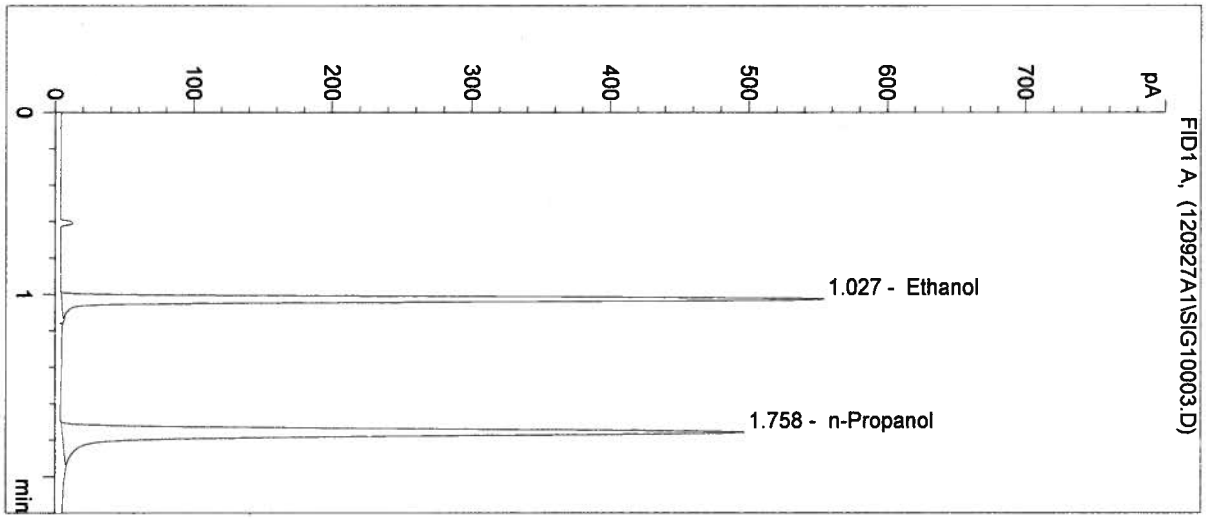
BATCH 12043

a 2012 Sep 27

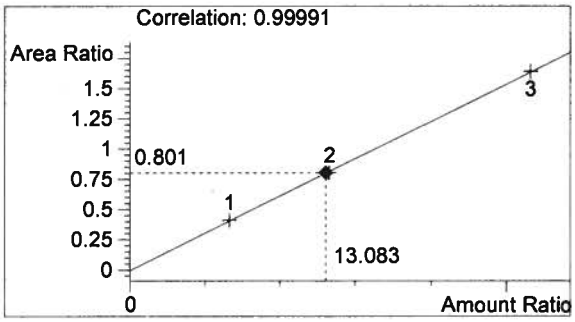
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 9:59:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

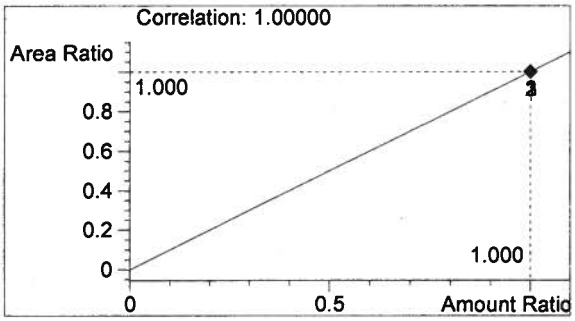
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.027
2	n-Propanol	1371	1.758



Ethanol 0.157 g/100mL



n-Propanol 0.012 g/100mL

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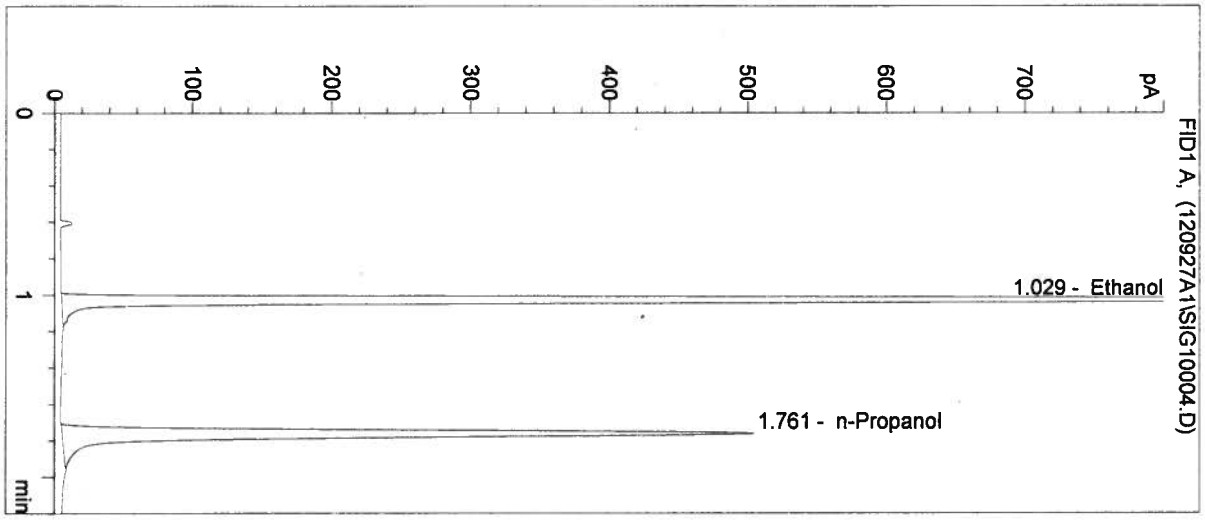
BATCH 12043
AC 2012 Sep 27

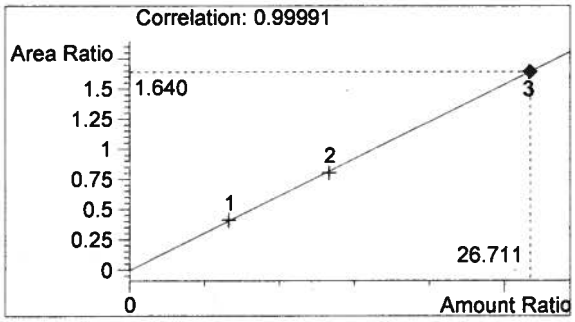
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:02:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

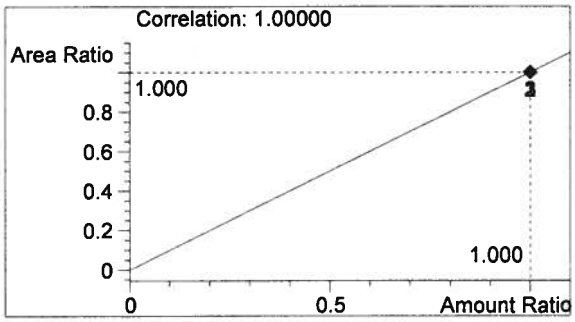
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2294	1.029
2	n-Propanol	1398	1.761



Ethanol 0.321 g/100mL



n-Propanol 0.012 g/100mL

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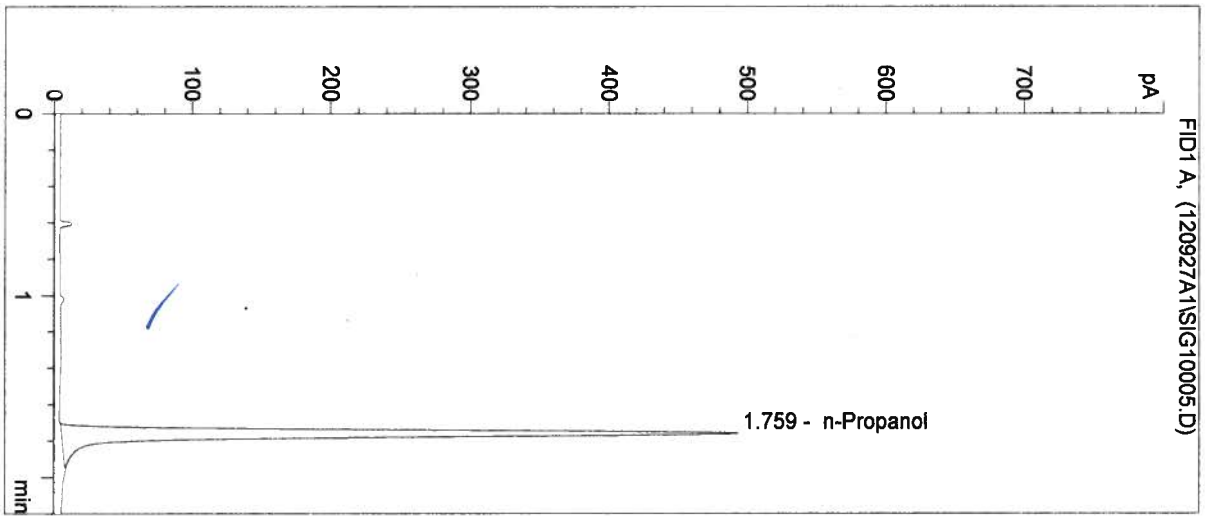
BATCH 12043
AK 2012 Sep27

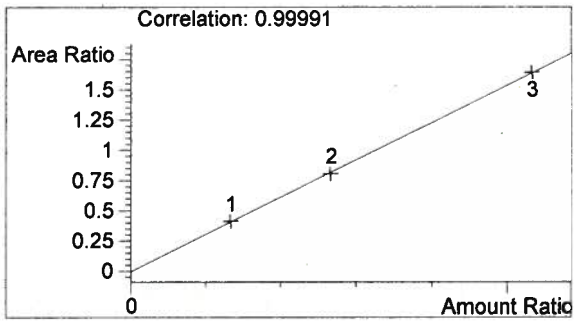
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:05:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

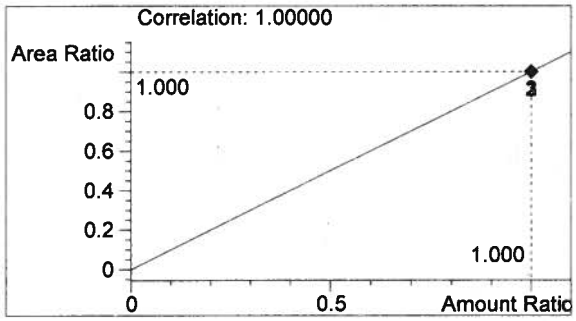
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1366	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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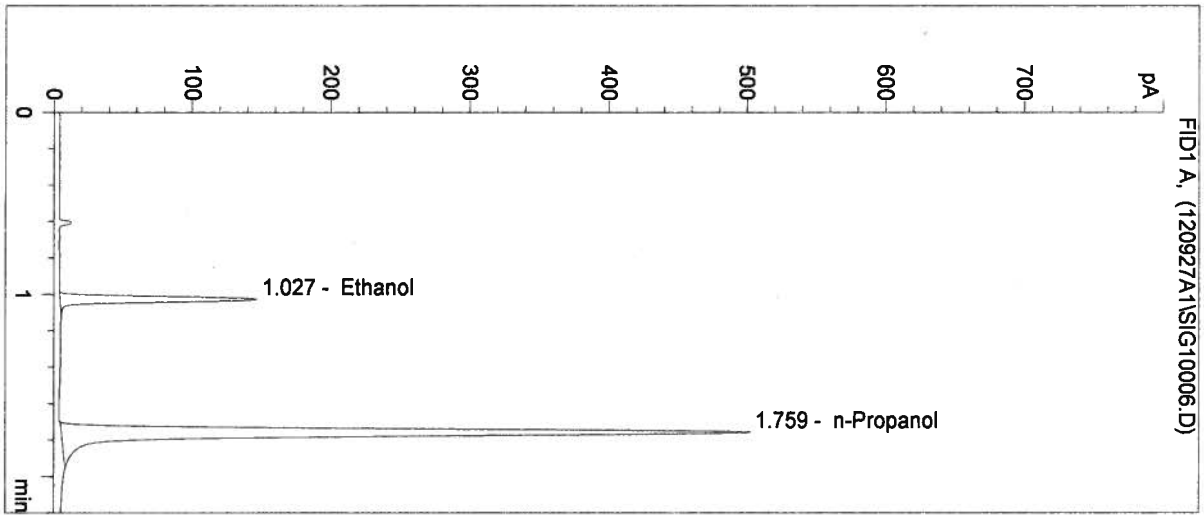
AL
2012 Sep 27

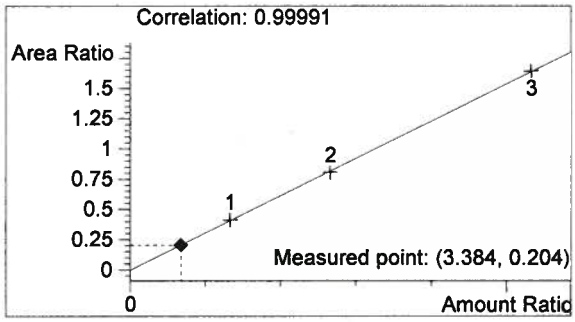
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:08:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

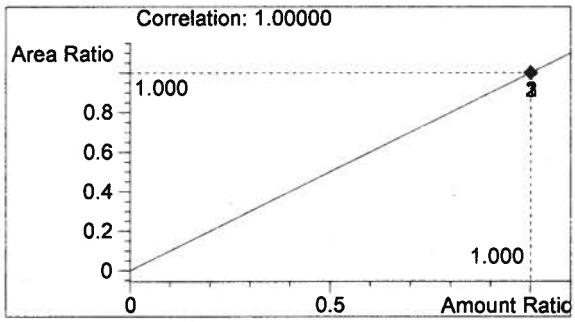
Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	284	1.027
2	n-Propanol	1391	1.759



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

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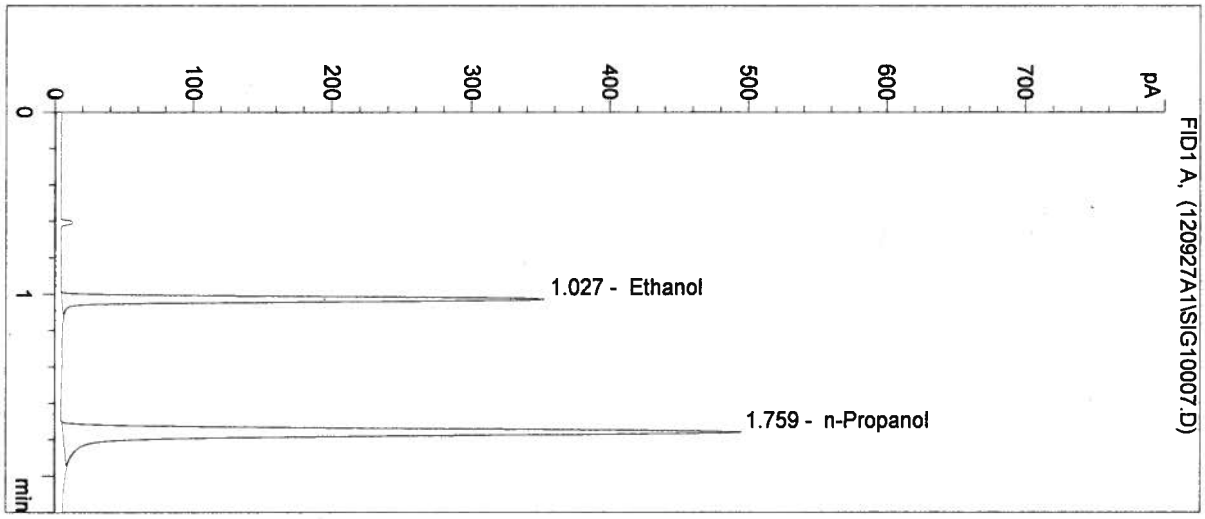
AL 2012 Sep 27

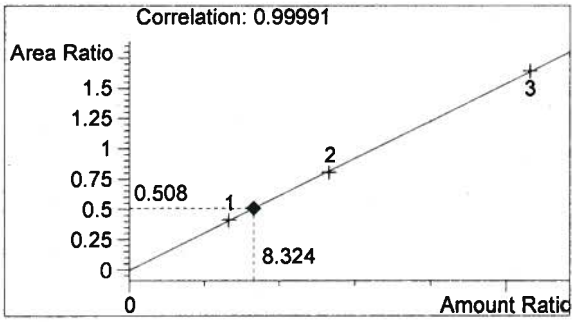
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:12:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

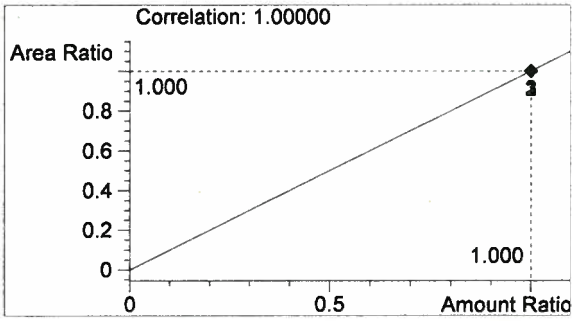
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.027
2	n-Propanol	1376	1.759



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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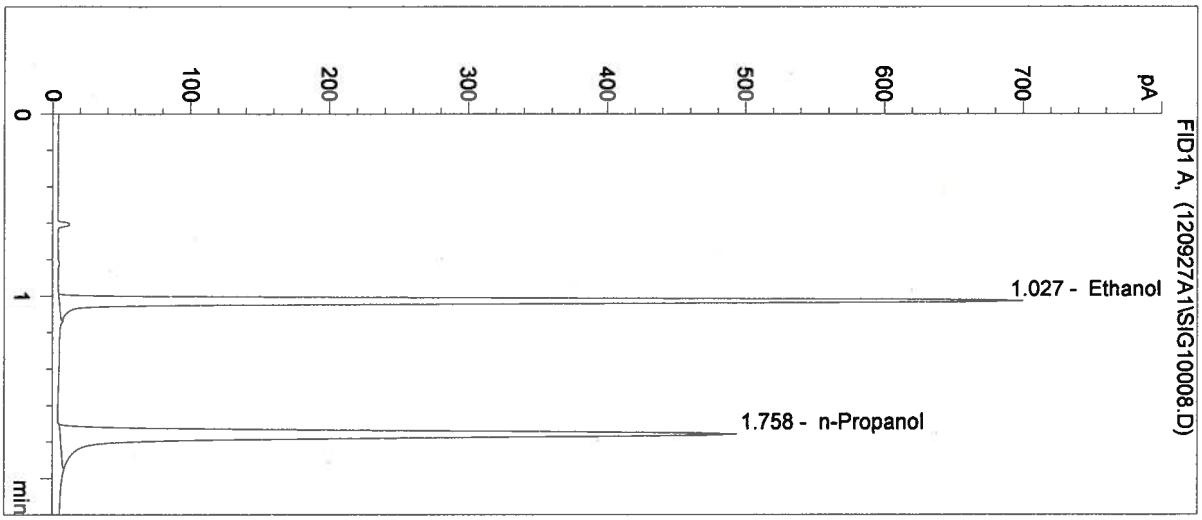
AL 2012 Sep 27

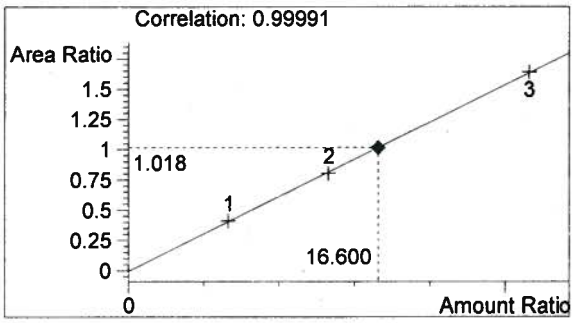
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:15:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

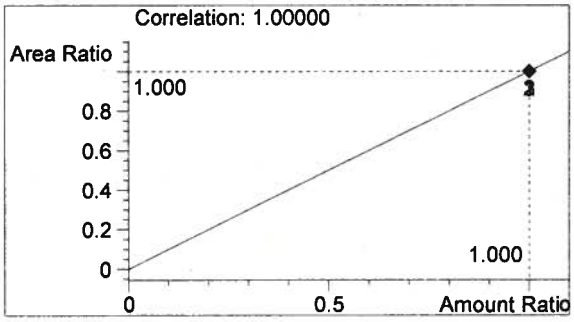


#	Compound	Peak Area	RT (min)
1	Ethanol	1389	1.027
2	n-Propanol	1364	1.758



Ethanol 0.199 g/100mL

12043



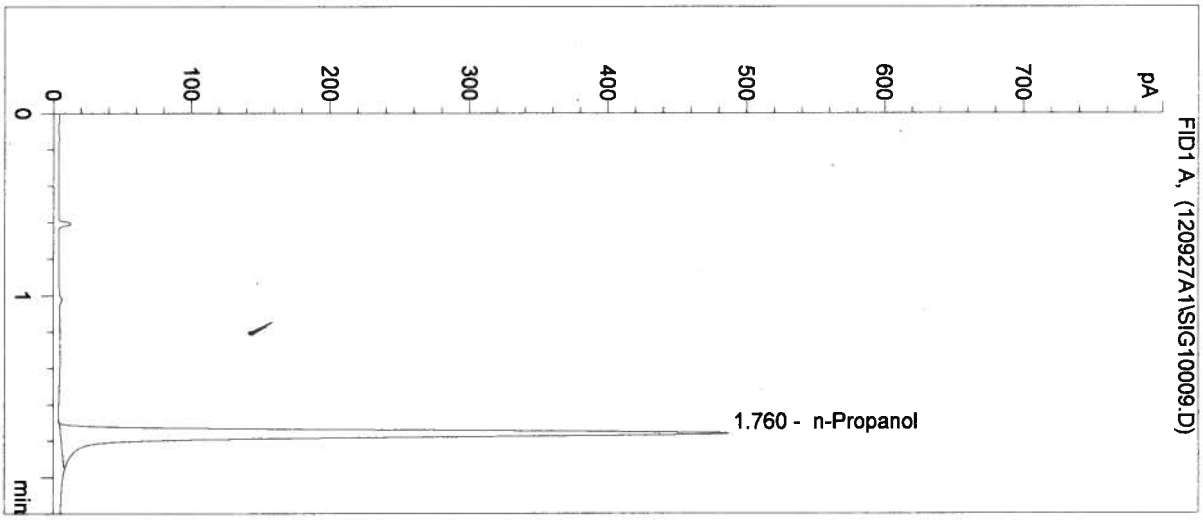
n-Propanol 0.012 g/100mL

BATCH 12043
AL 2012 Sep 27

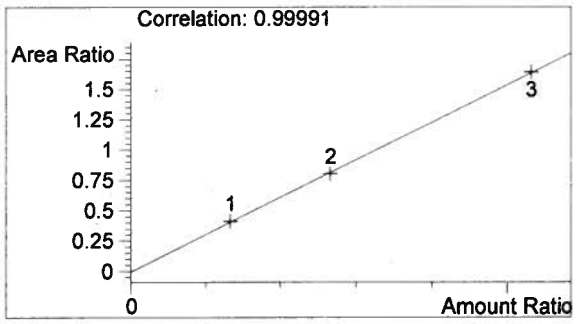
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:18:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

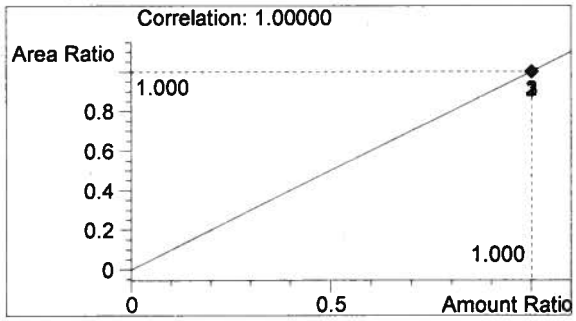
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1350	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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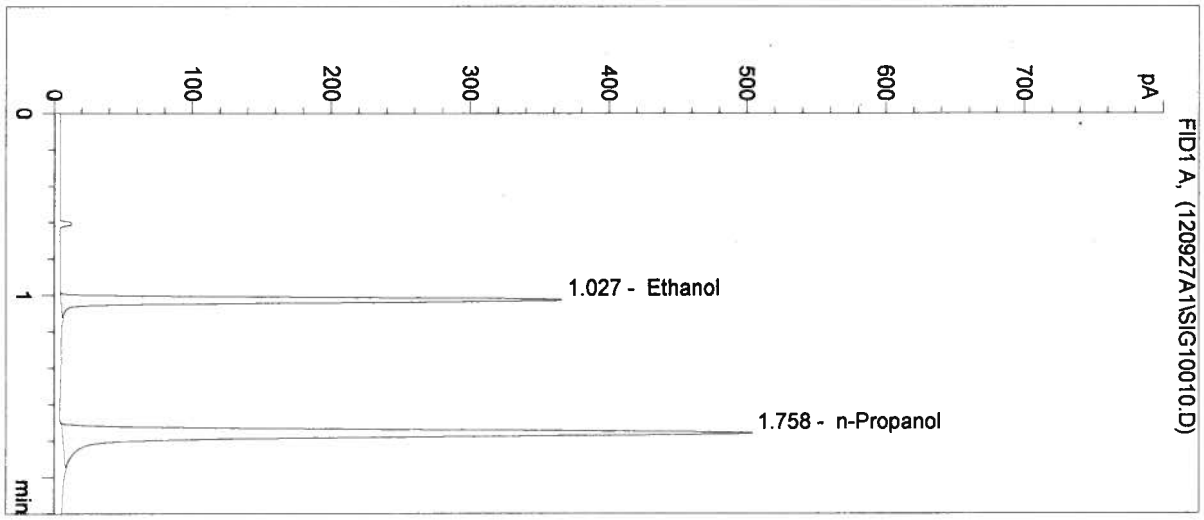
2012 Sep 27

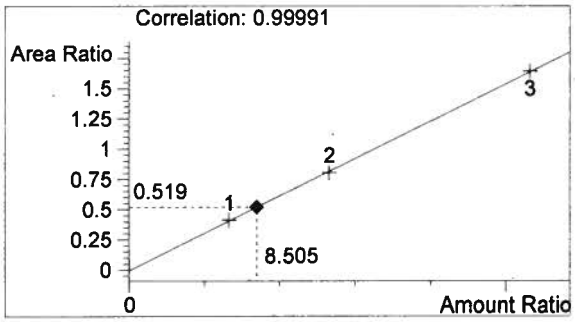
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:21:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

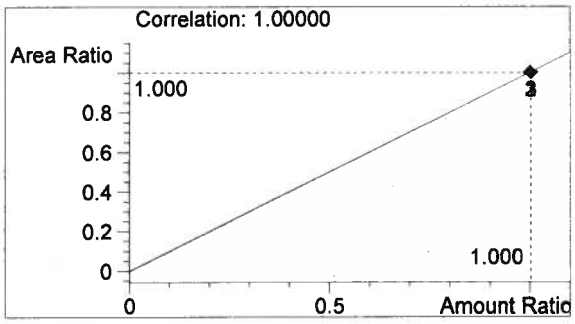
Sample Name: 12043 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.027
2	n-Propanol	1395	1.758



Ethanol 0.102 g/100mL



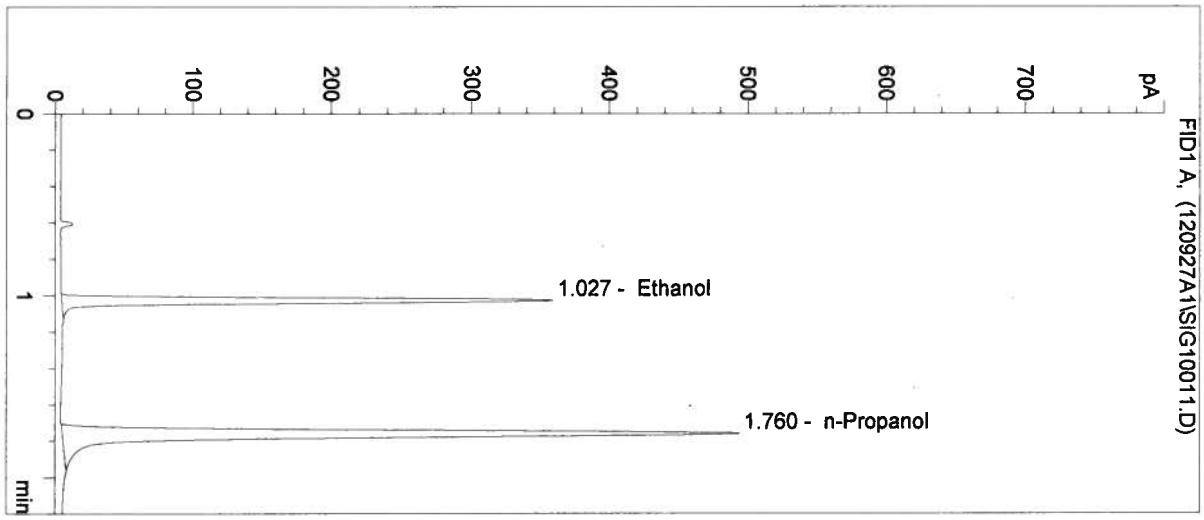
n-Propanol 0.012 g/100mL

AL

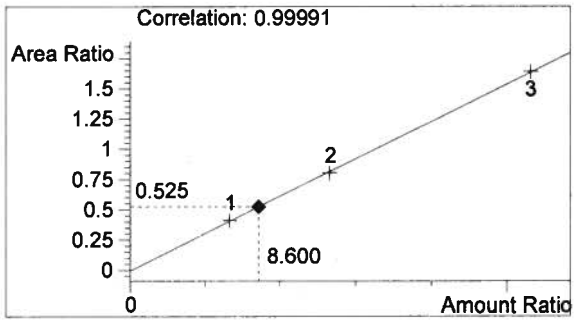
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:24:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

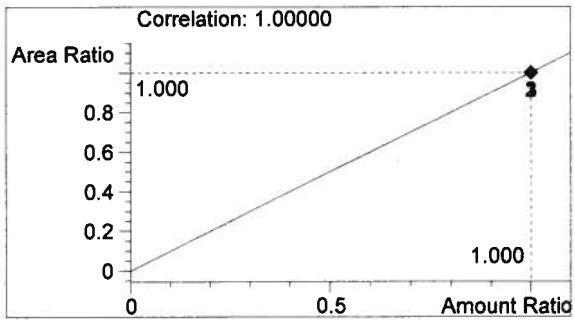
Sample Name: 12043 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.027
2	n-Propanol	1370	1.760



Ethanol 0.103 g/100mL

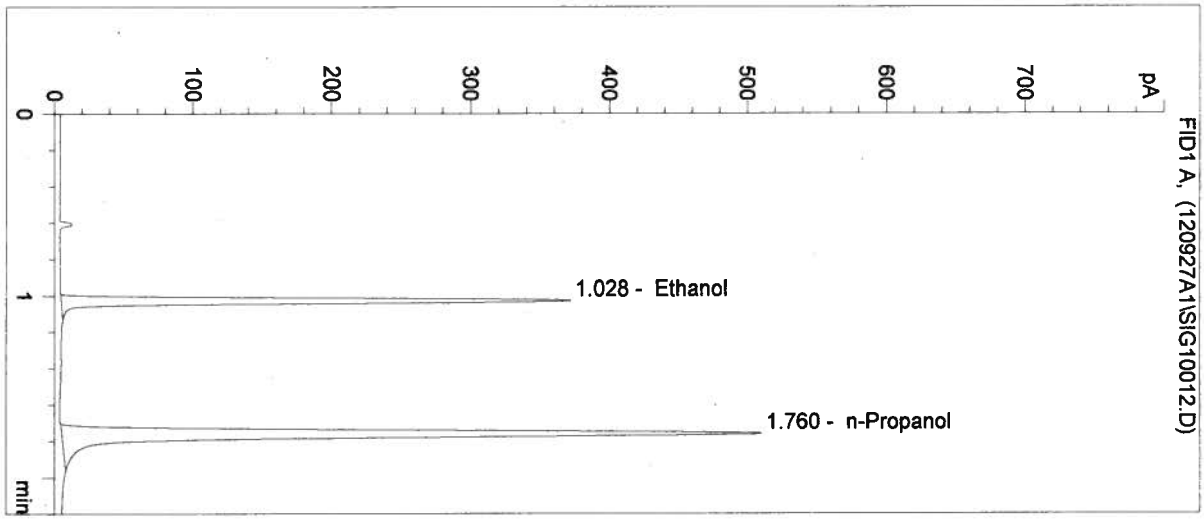


n-Propanol 0.012 g/100mL

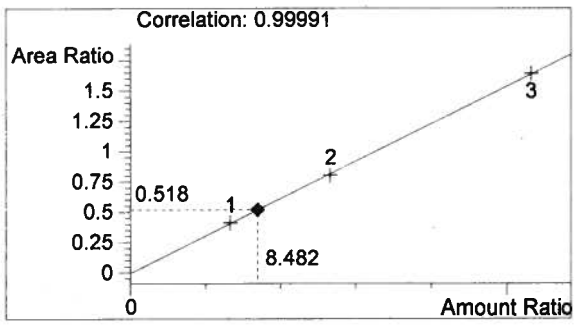
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:27:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

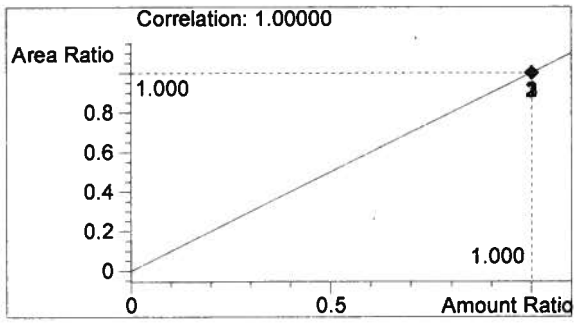
Sample Name: 12043 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.028
2	n-Propanol	1416	1.760



Ethanol 0.102 g/100mL

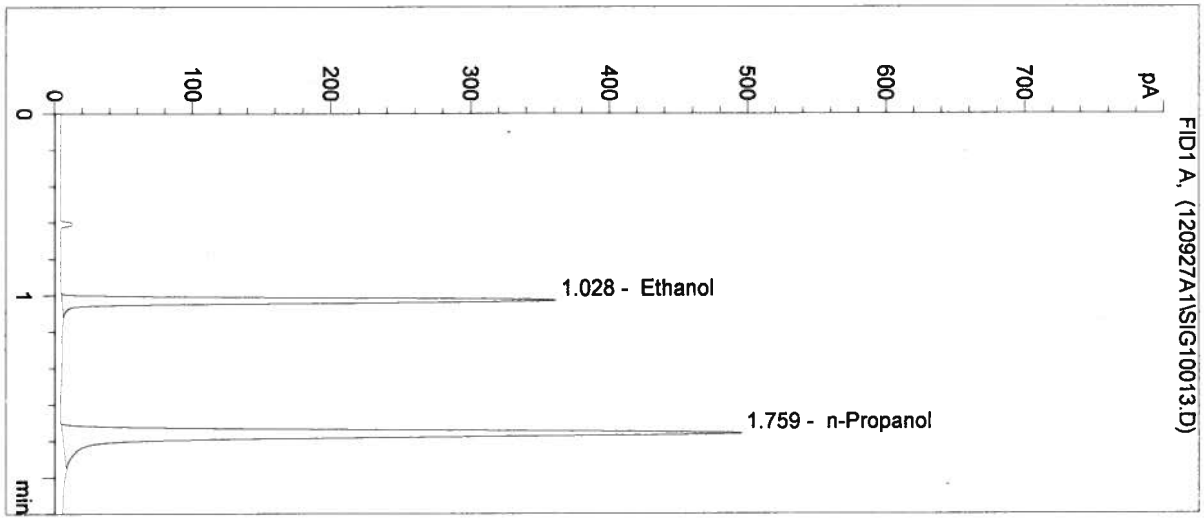


n-Propanol 0.012 g/100mL

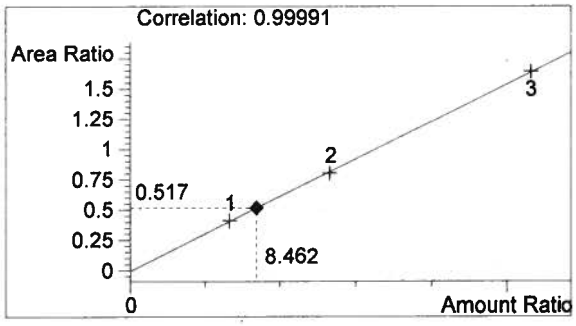
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:30:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

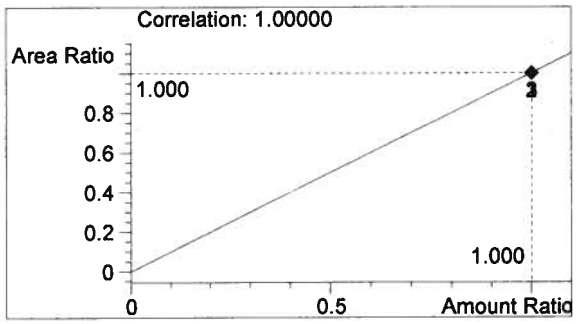
Sample Name: 12043 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.028
2	n-Propanol	1371	1.759



Ethanol 0.102 g/100mL



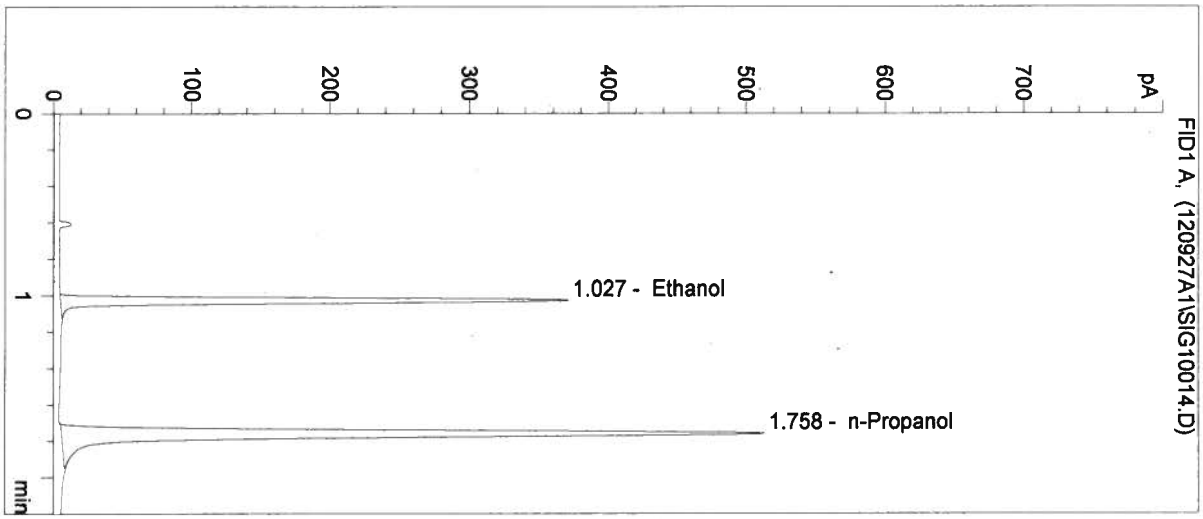
n-Propanol 0.012 g/100mL

AL

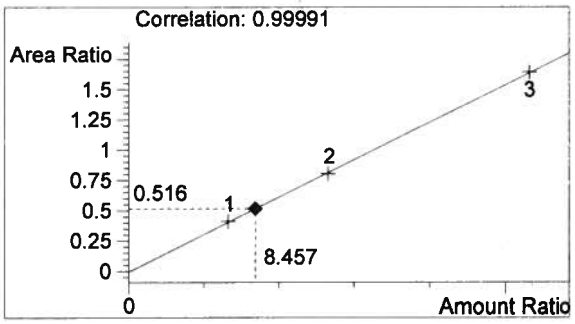
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:33:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

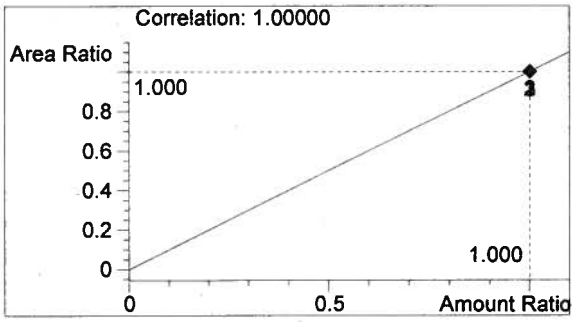
Sample Name: 12043 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	735	1.027
2	n-Propanol	1423	1.758



Ethanol 0.101 g/100mL

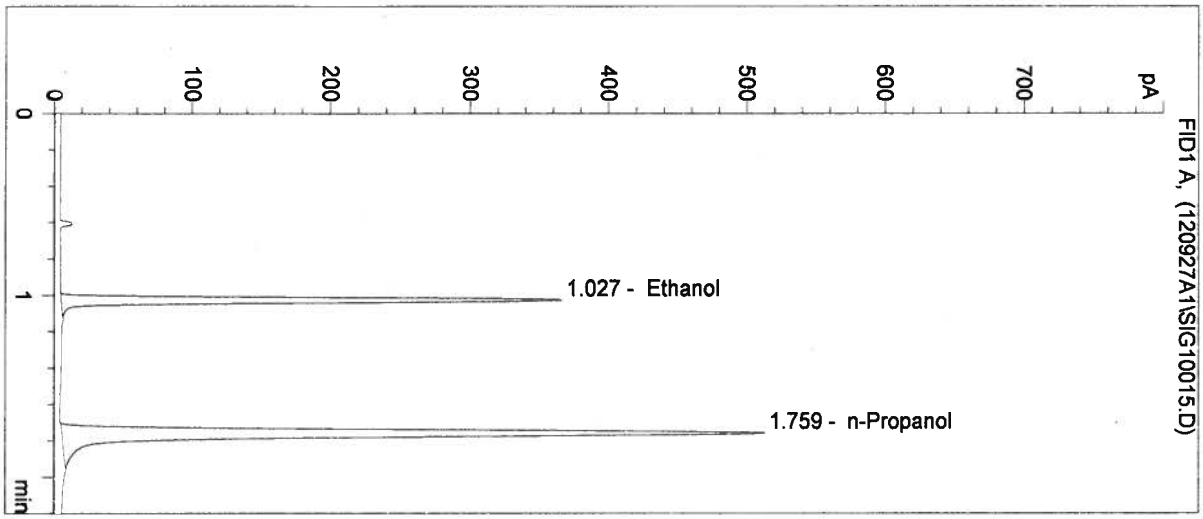


n-Propanol 0.012 g/100mL

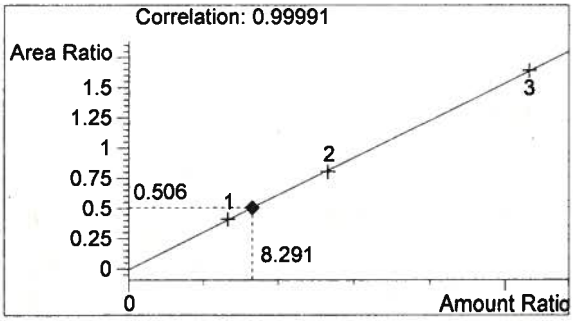
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:37:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

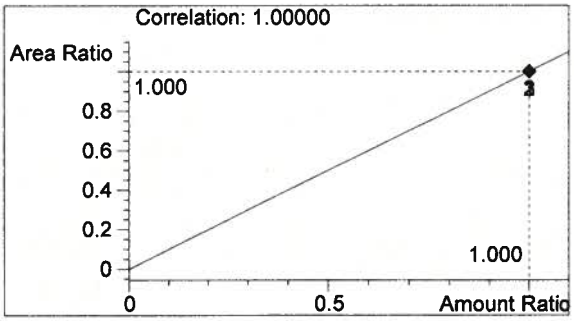
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1419	1.759



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

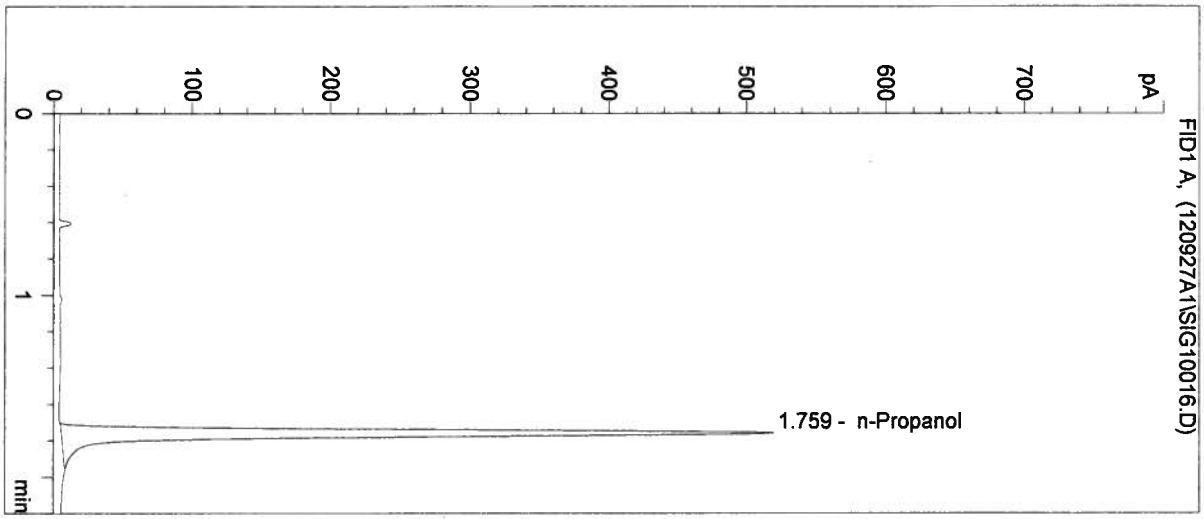
12043

BATCH 12043
AL 2012 Sep 27

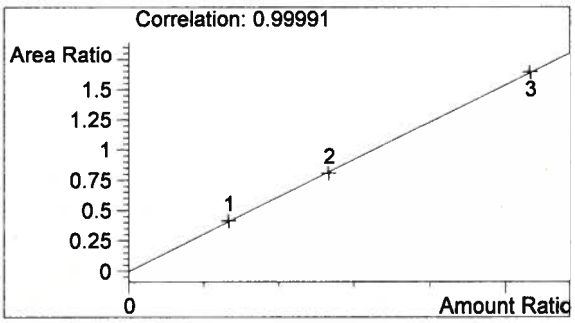
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 10:40:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

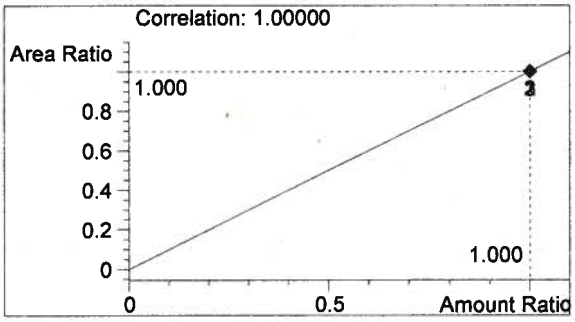
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1438	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

1 2 0 4 3

BATCH 12043
AL 2012 SEP 27

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

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:	120927RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

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

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-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	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #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		

12043

Calibration Part:

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

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

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
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

12043

Calibration Table

Calib. Data Modified : Thursday, September 27, 2012 3:09:02 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

RF

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	7.98400e-2	567.26465	1.40746e-4	1		Ethanol
		2	1.59780e-1	1109.57361	1.44001e-4			
		3	3.19310e-1	2242.41187	1.42396e-4			
1.757	1	1	1.20000e-2	1404.21265	8.54571e-6	I1		n-Propanol
		2	1.20000e-2	1370.92444	8.75322e-6			
		3	1.20000e-2	1386.09253	8.65743e-6			

Peak Sum Table

No Entries in table

12043

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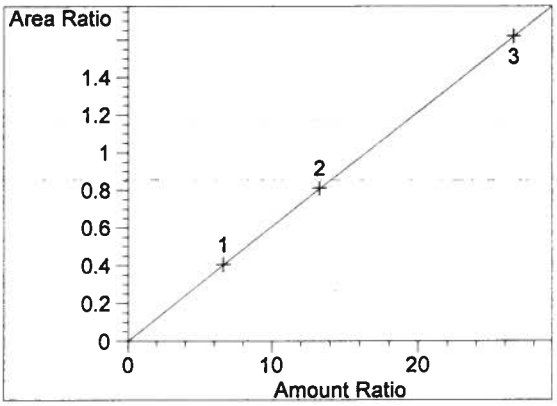
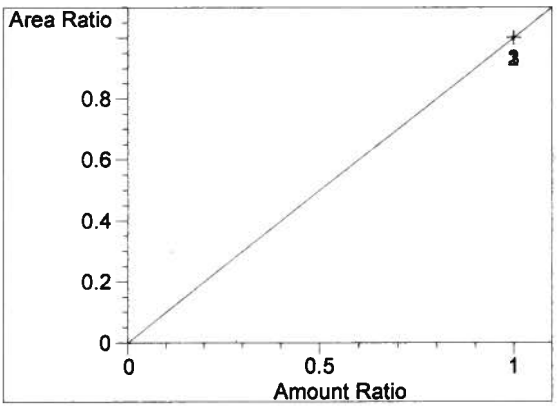
Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00030
Formula: y = mx + b
m: 6.08046e-2
b: -2.49048e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.757
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

==========

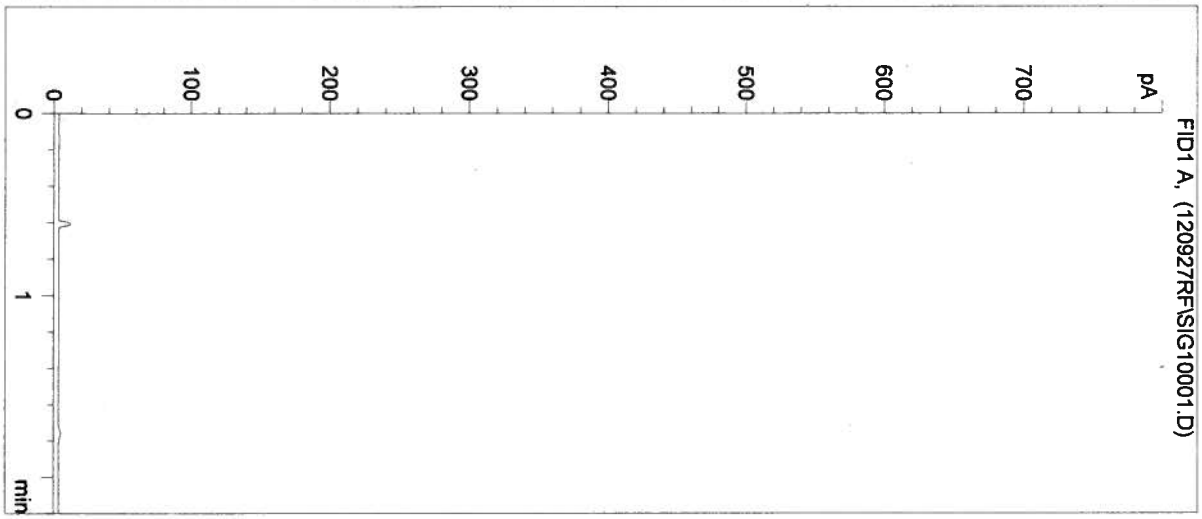
RF

12043

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

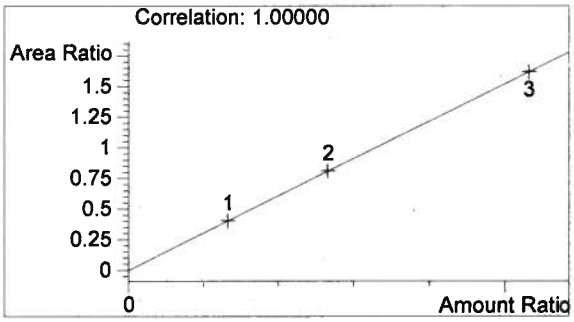
Inj. Date: 9/27/2012 2:57:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

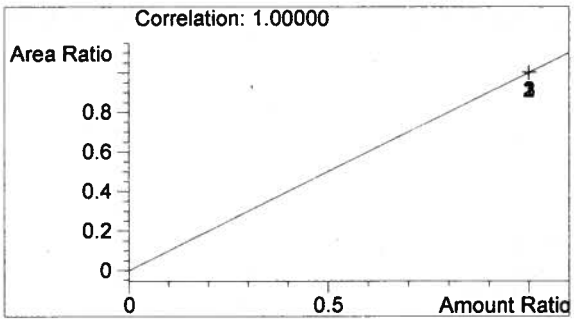


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

RF



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

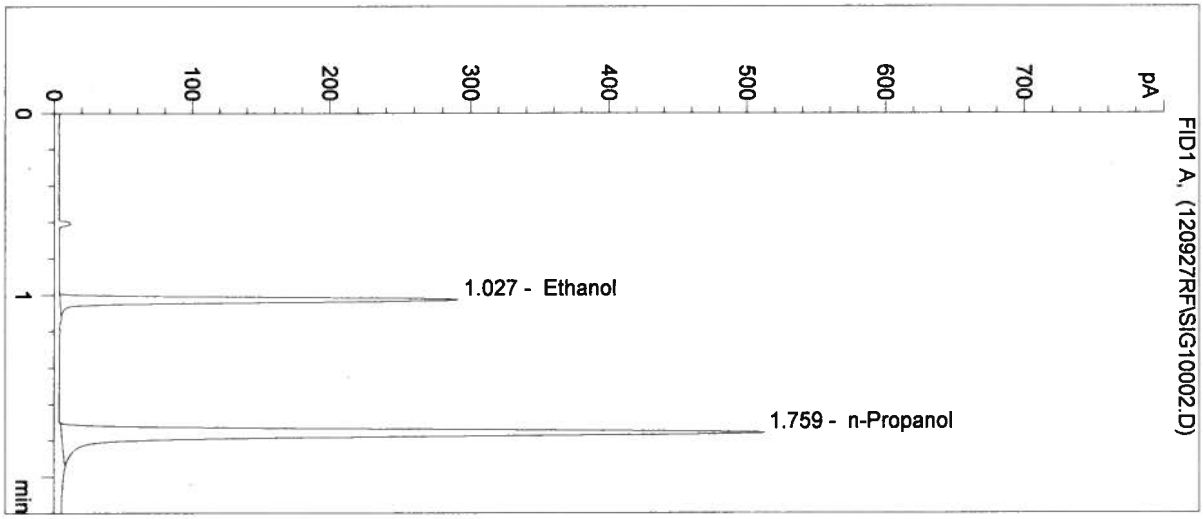
12043

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

Inj. Date: 9/27/2012 3:00:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

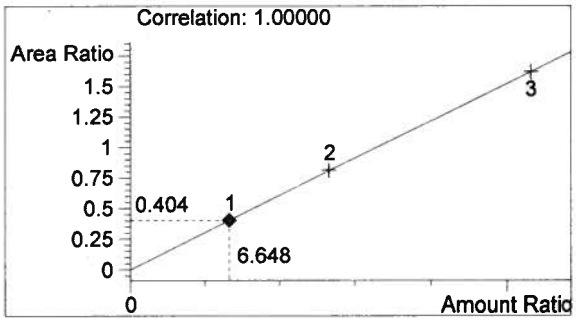
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2

->

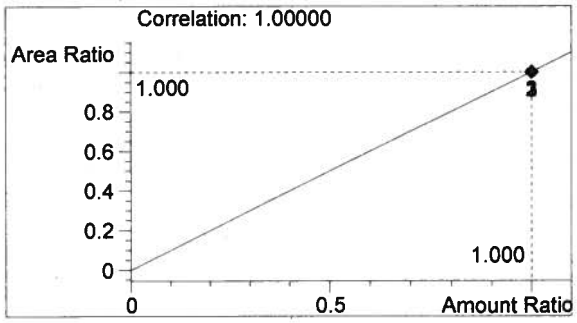


#	Compound	Peak Area	RT (min)
1	Ethanol	567	1.027
2	n-Propanol	1404	1.759

RF



Ethanol 0.080 g/100mL



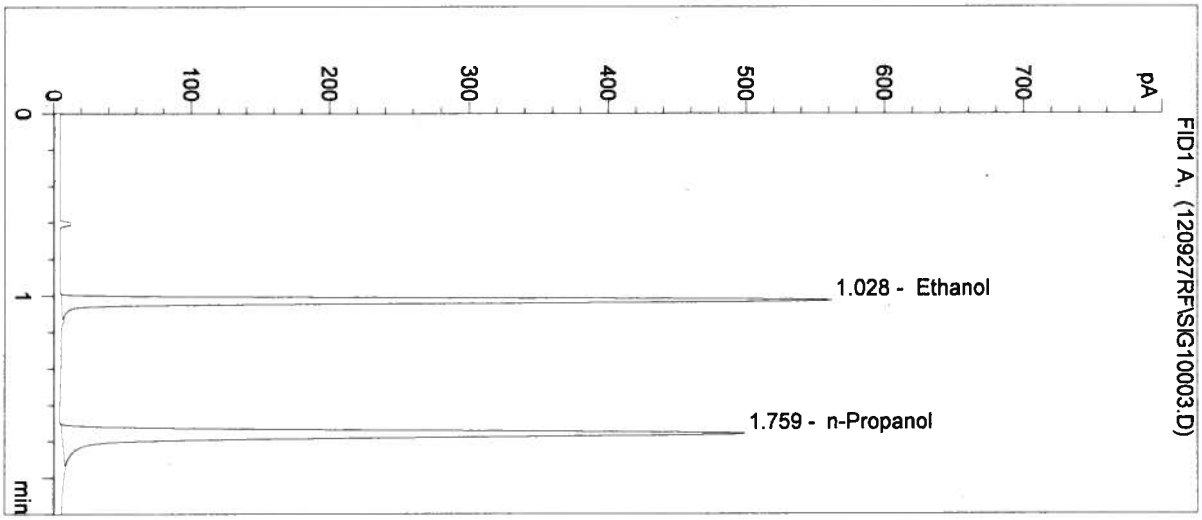
n-Propanol 0.012 g/100mL

12043

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

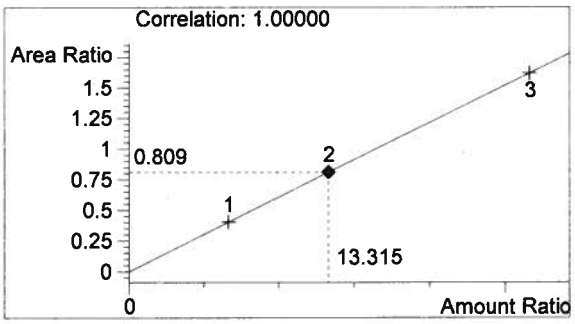
Inj. Date: 9/27/2012 3:03:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

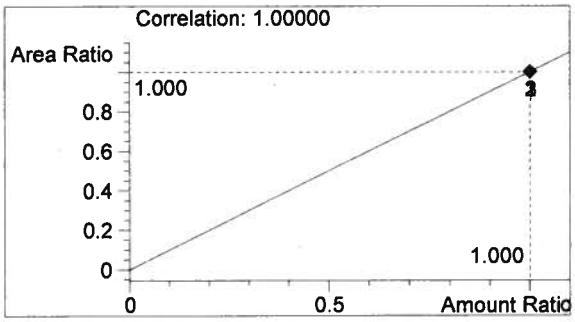


#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.028
2	n-Propanol	1371	1.759

RF



Ethanol 0.160 g/100mL



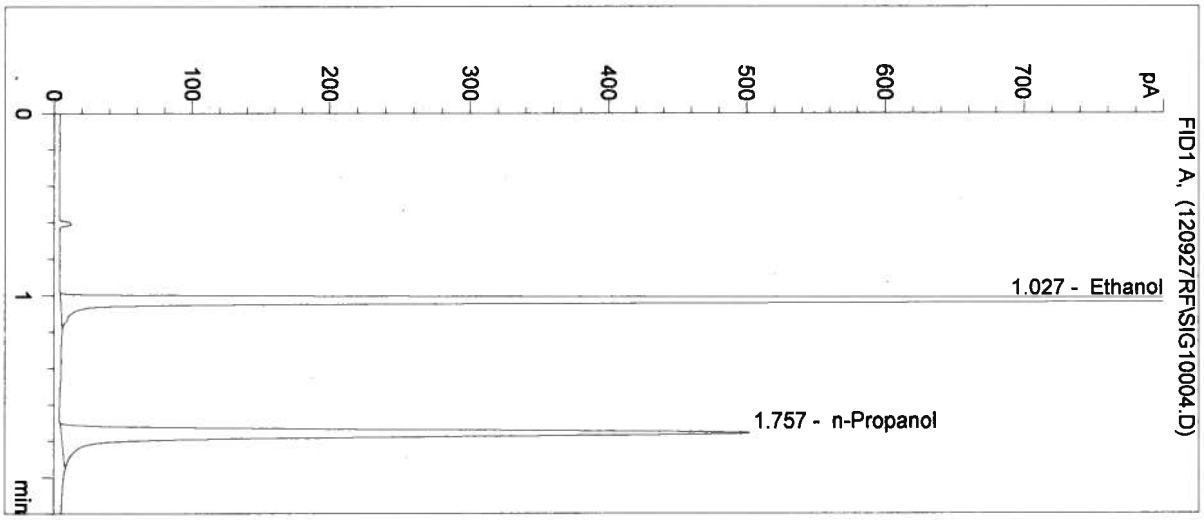
n-Propanol 0.012 g/100mL

12043

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

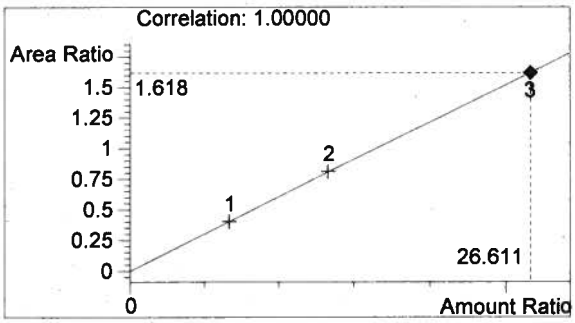
Inj. Date: 9/27/2012 3:06:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

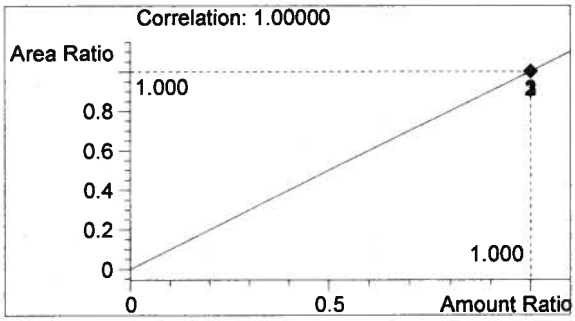


#	Compound	Peak Area	RT (min)
1	Ethanol	2242	1.027
2	n-Propanol	1386	1.757

RC



Ethanol 0.319 g/100mL



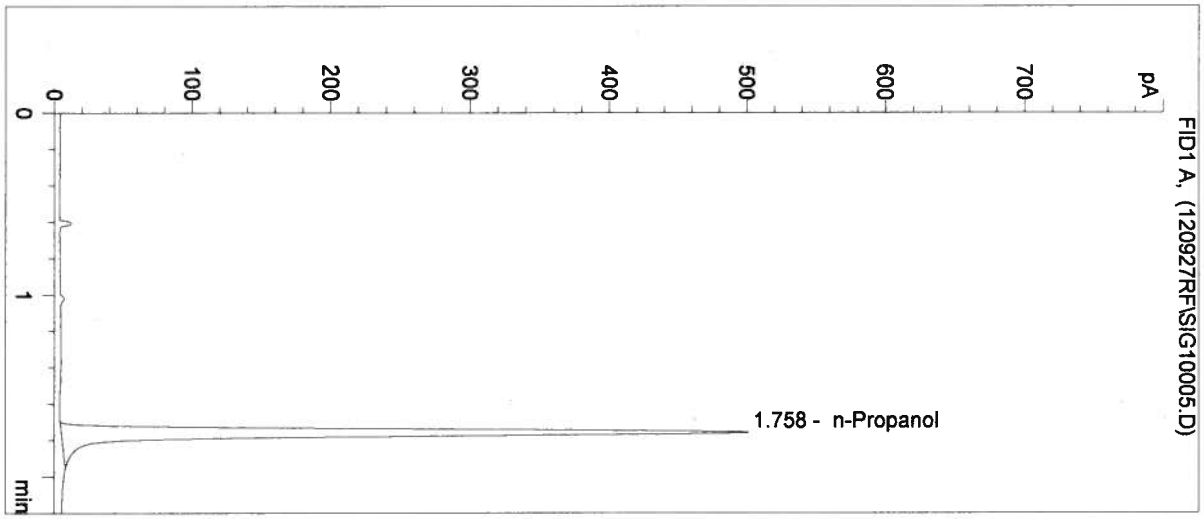
n-Propanol 0.012 g/100mL

12043

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

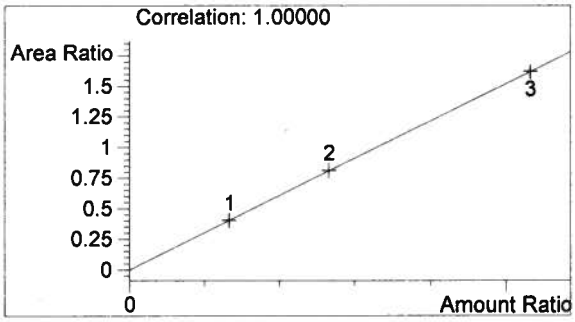
Inj. Date: 9/27/2012 3:09:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

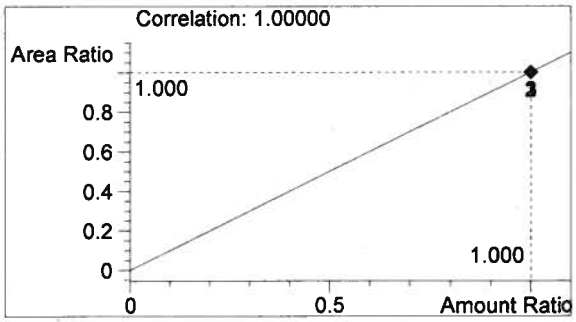


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1385	1.758

RF



Ethanol 0.000 g/100mL



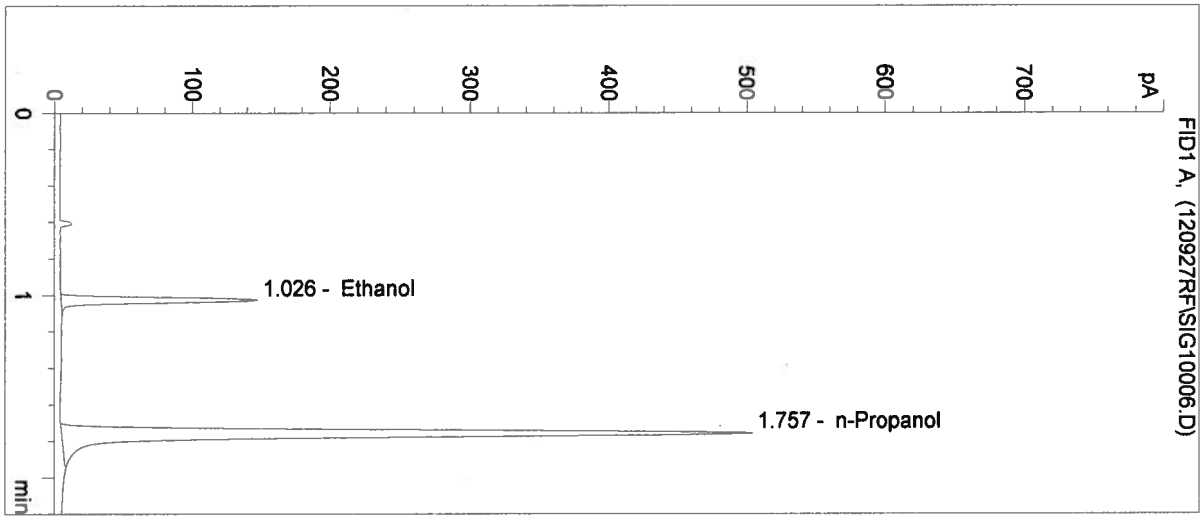
n-Propanol 0.012 g/100mL

12043

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

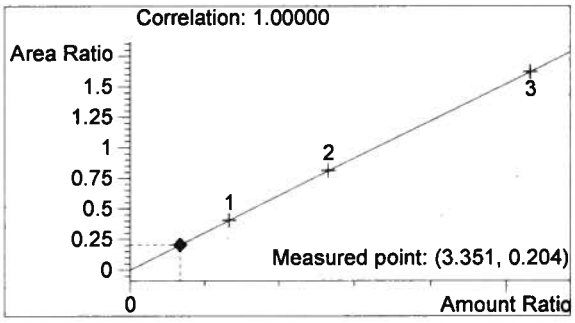
Inj. Date: 9/27/2012 3:13:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

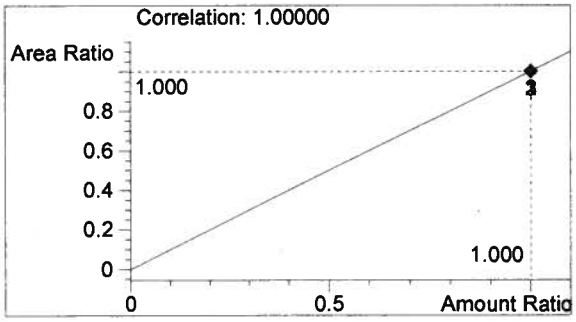


#	Compound	Peak Area	RT (min)
1	Ethanol	284	1.026
2	n-Propanol	1394	1.757

RF



Ethanol 0.040 g/100mL



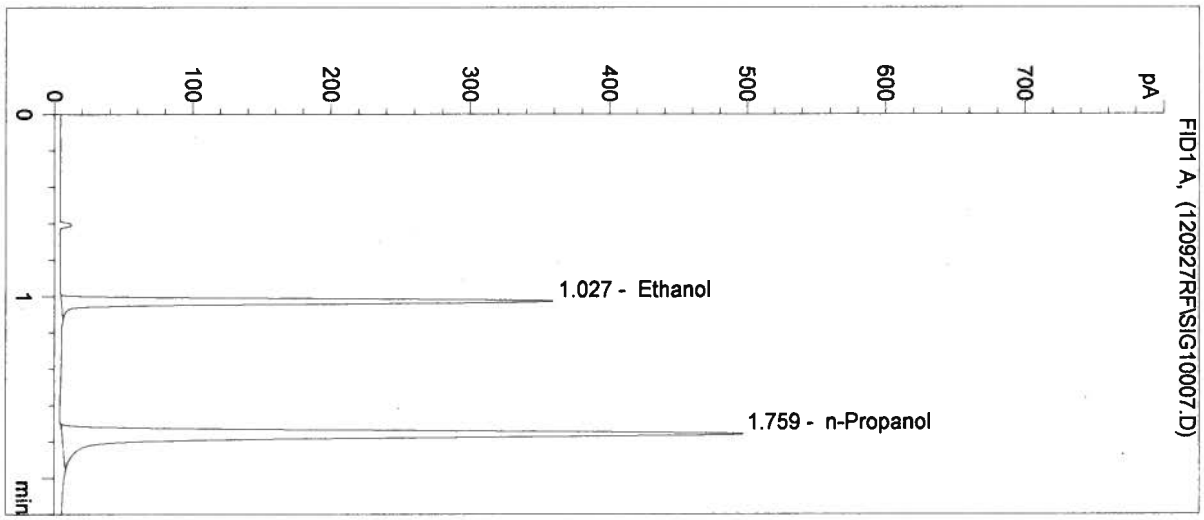
n-Propanol 0.012 g/100mL

12043

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

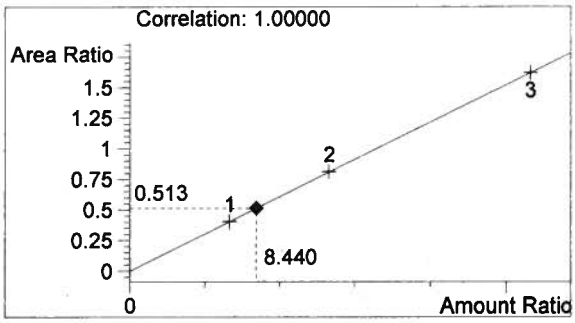
Inj. Date: 9/27/2012 3:16:13 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

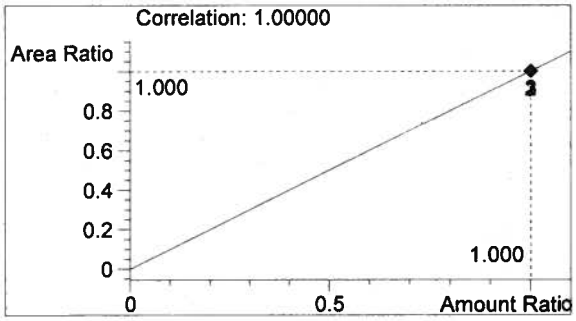


#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.027
2	n-Propanol	1370	1.759

RF



Ethanol 0.101 g/100mL



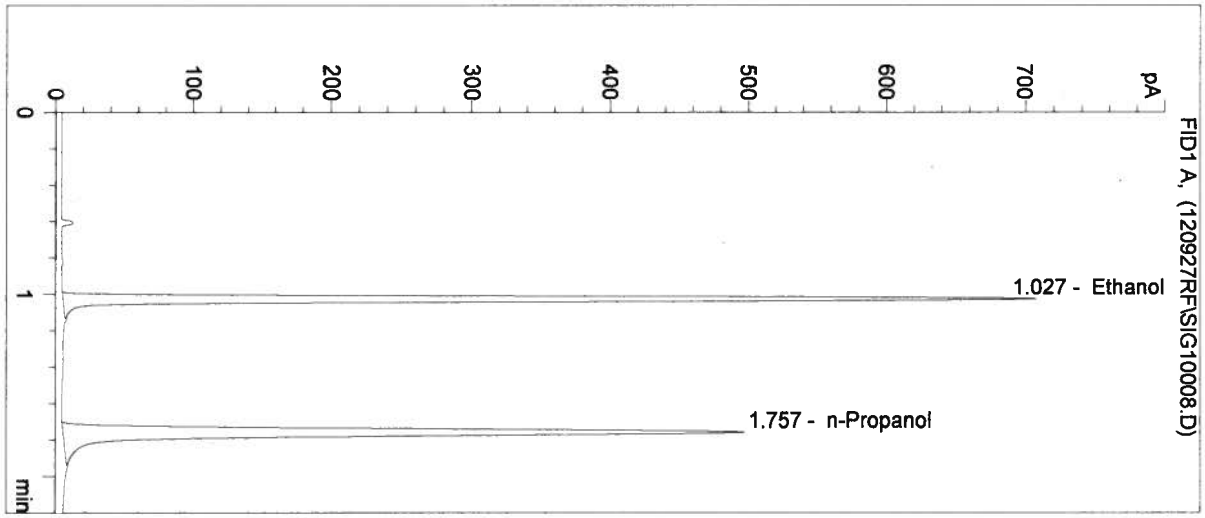
n-Propanol 0.012 g/100mL

12043

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

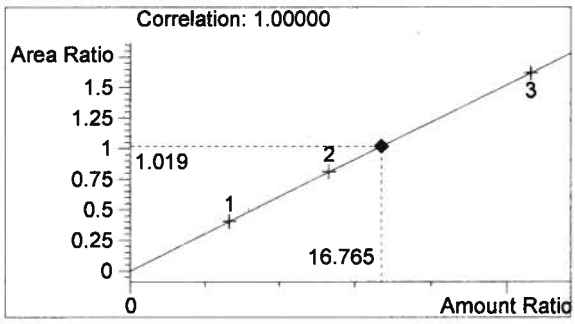
Inj. Date: 9/27/2012 3:19:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

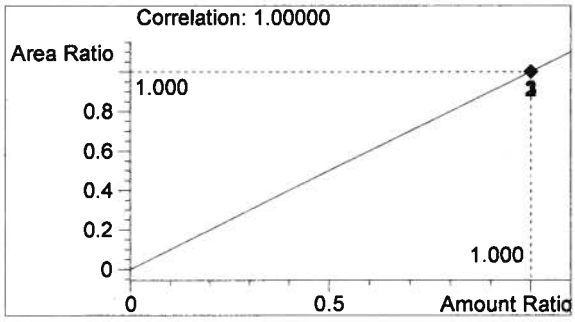


#	Compound	Peak Area	RT (min)
1	Ethanol	1397	1.027
2	n-Propanol	1370	1.757

RF



Ethanol 0.201 g/100mL



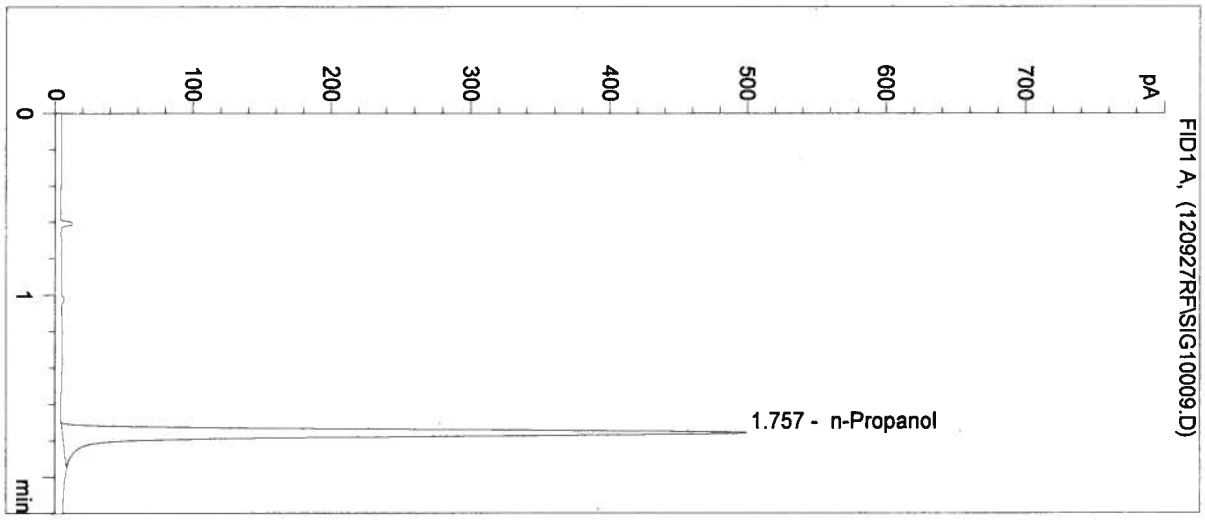
n-Propanol 0.012 g/100mL

12043

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

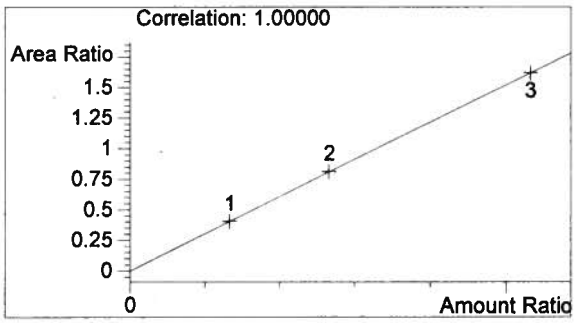
Inj. Date: 9/27/2012 3:22:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

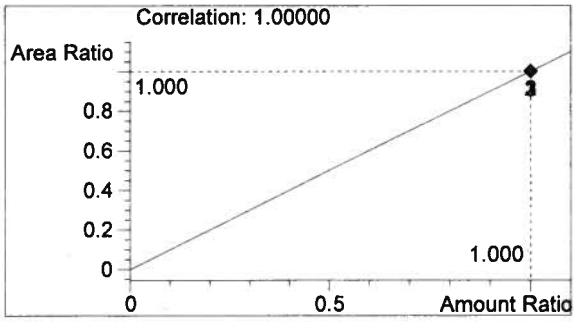


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1376	1.757

RF



Ethanol 0.000 g/100mL



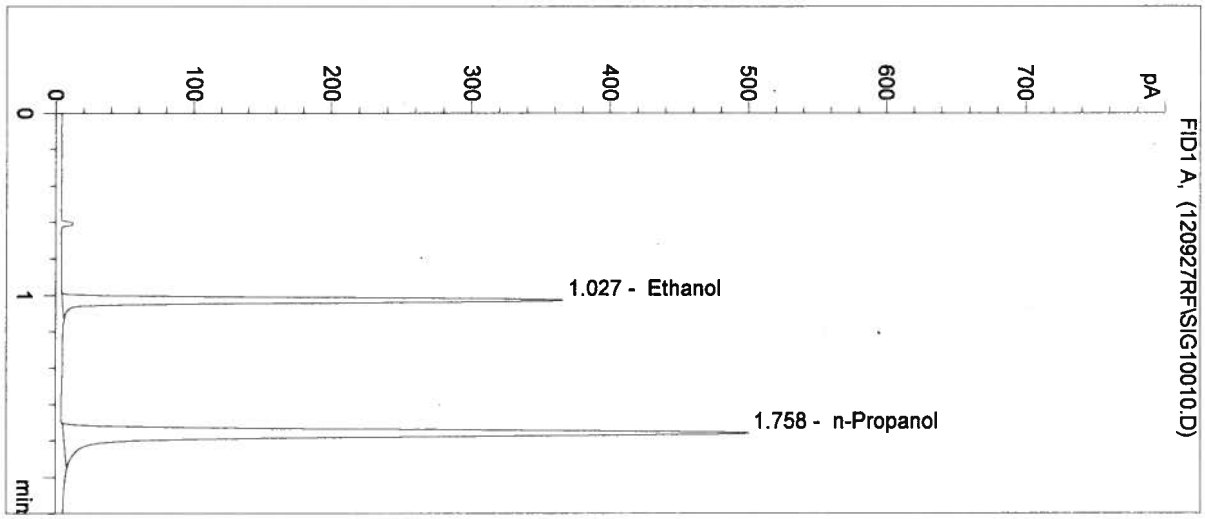
n-Propanol 0.012 g/100mL

12043

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

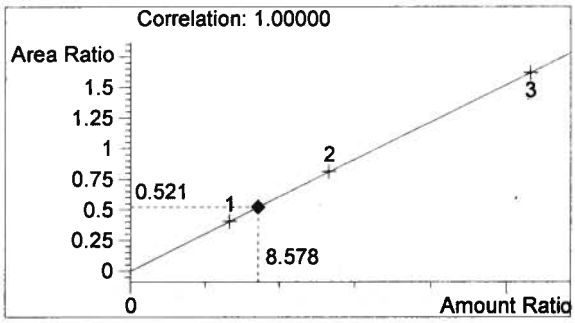
Inj. Date: 9/27/2012 3:25:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12043 #1
Operator: Rebecca Flaherty
Location: Vial 10

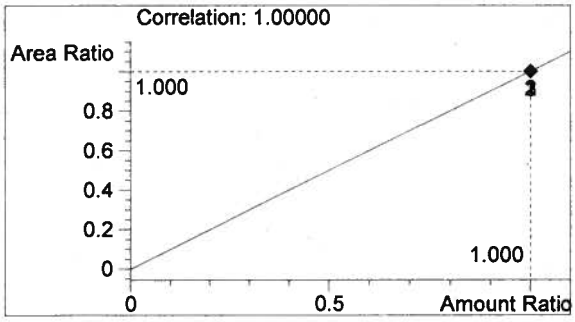


#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1378	1.758

RF



Ethanol 0.103 g/100mL

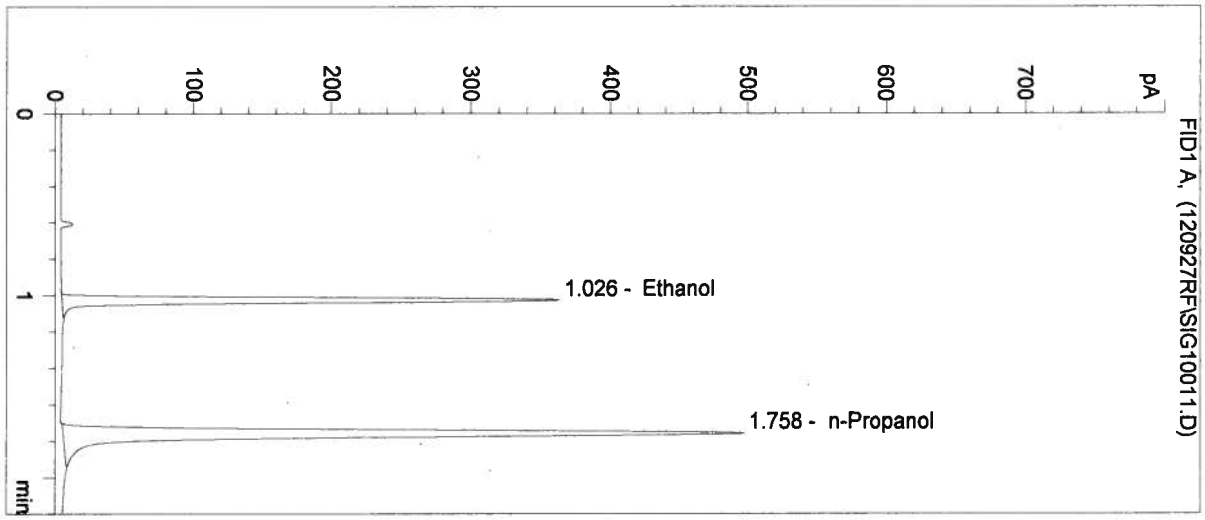


n-Propanol 0.012 g/100mL

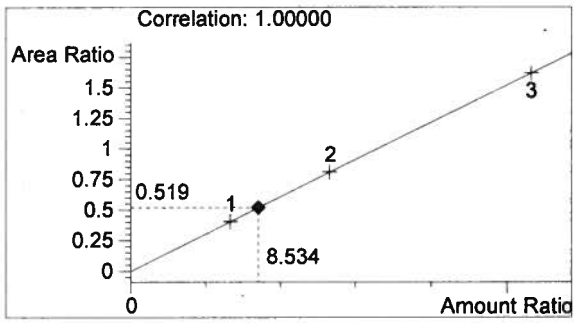
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 3:28:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

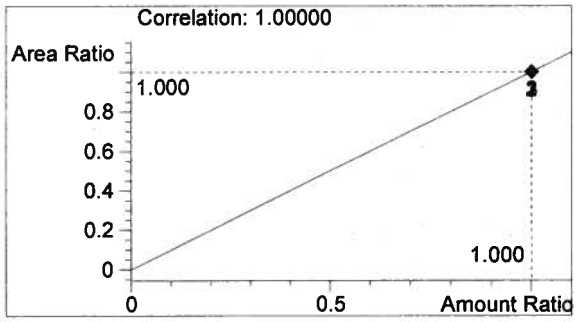
Sample Name: 12043 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.026
2	n-Propanol	1369	1.758



Ethanol 0.102 g/100mL

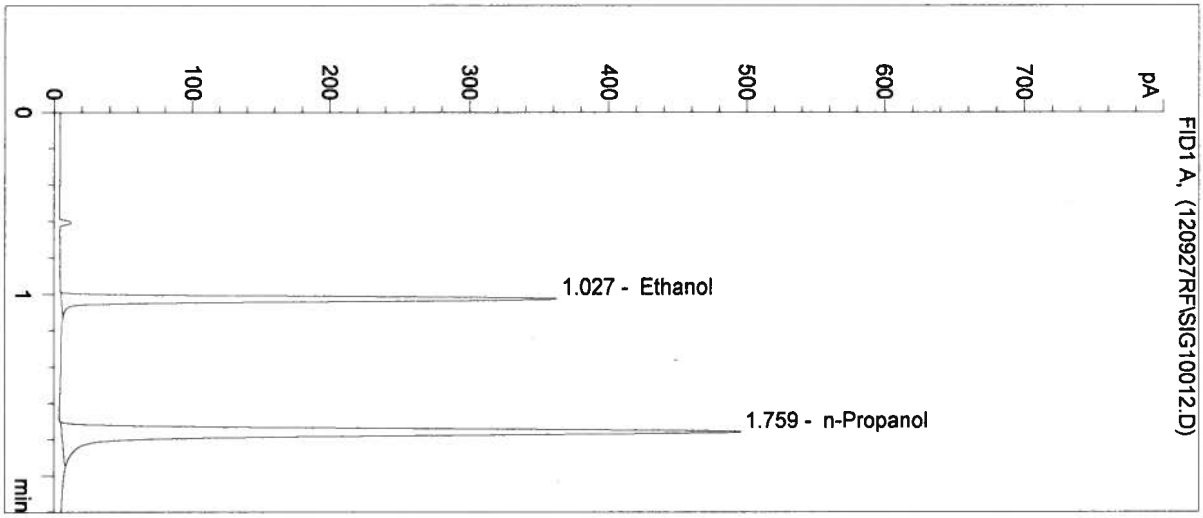


n-Propanol 0.012 g/100mL

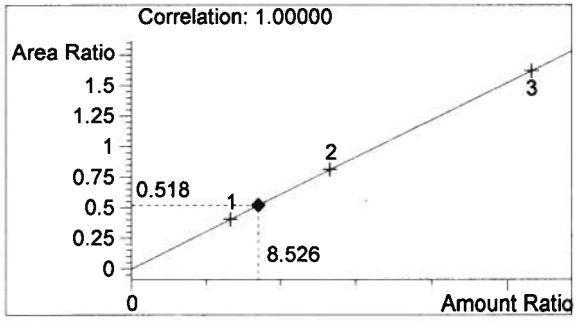
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2012 3:31:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

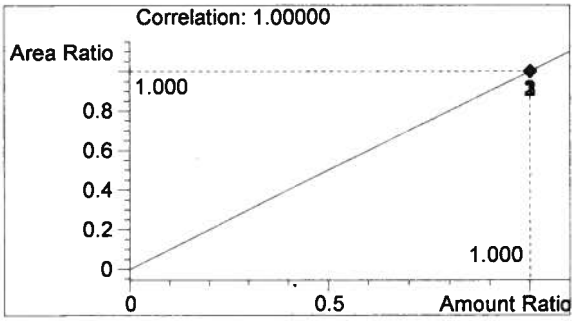
Sample Name: 12043 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.027
2	n-Propanol	1365	1.759



Ethanol 0.102 g/100mL

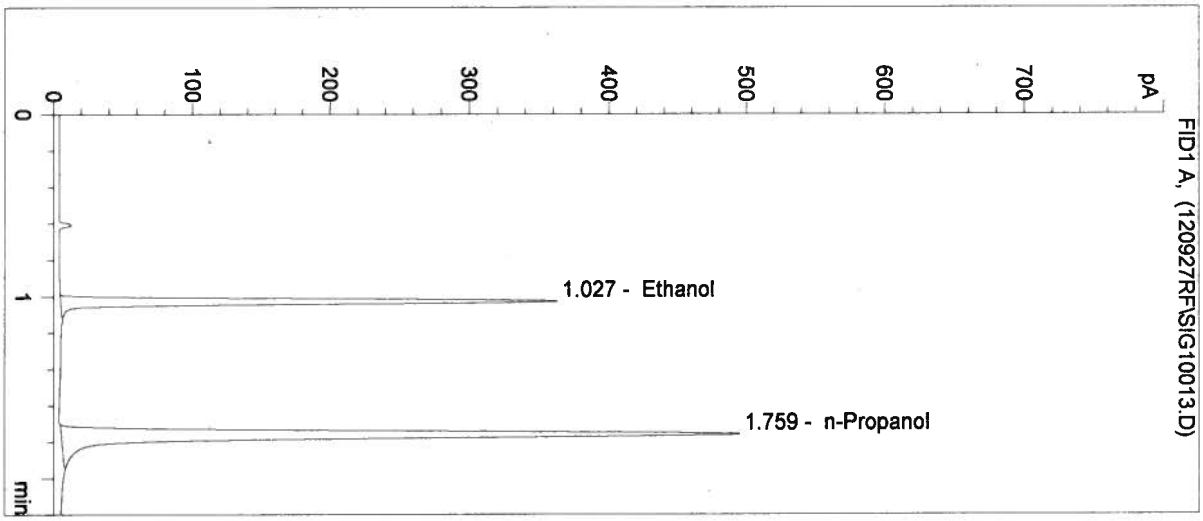


n-Propanol 0.012 g/100mL

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

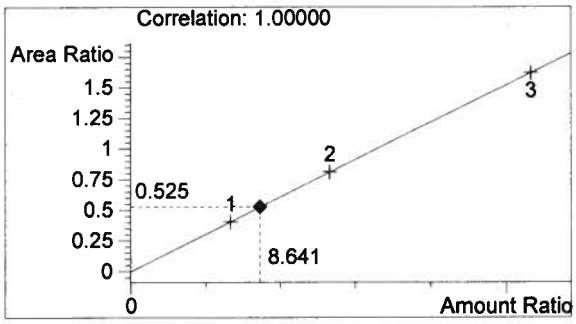
Inj. Date: 9/27/2012 3:34:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12043 #4
Operator: Rebecca Flaherty
Location: Vial 13

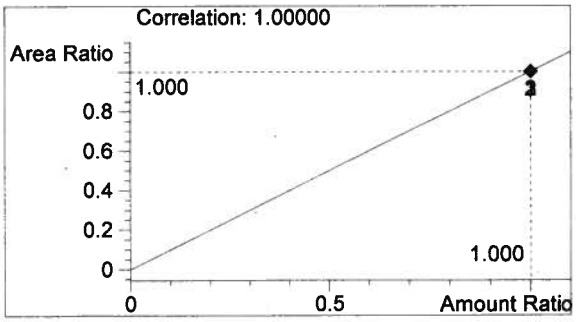


#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1367	1.759

RF



Ethanol 0.104 g/100mL

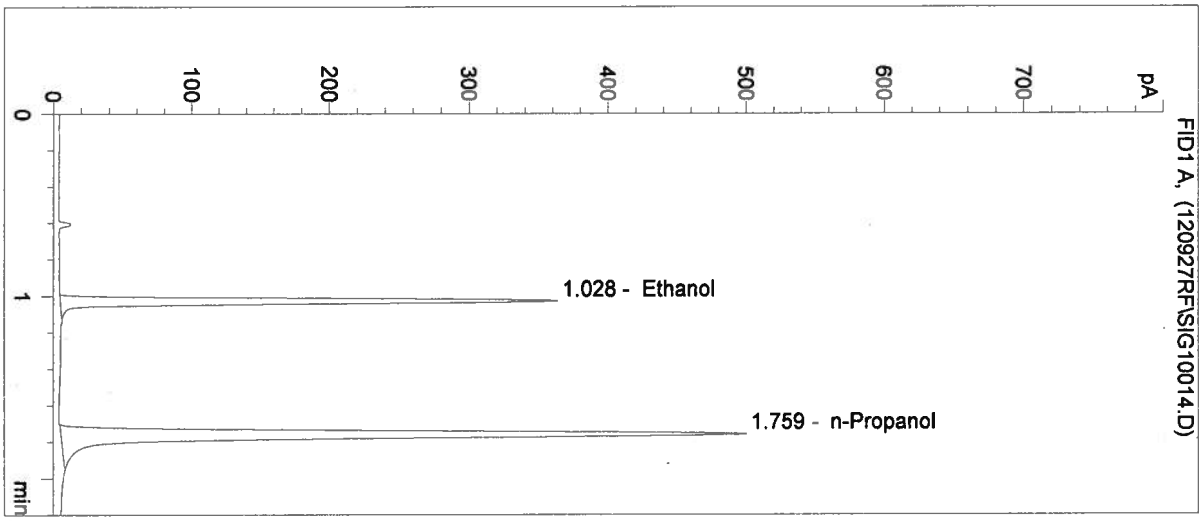


n-Propanol 0.012 g/100mL

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

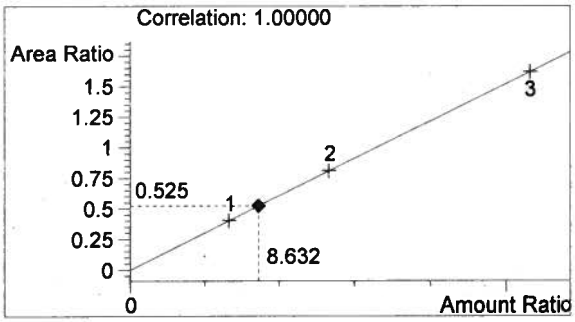
Inj. Date: 9/27/2012 3:38:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12043 #5
Operator: Rebecca Flaherty
Location: Vial 14

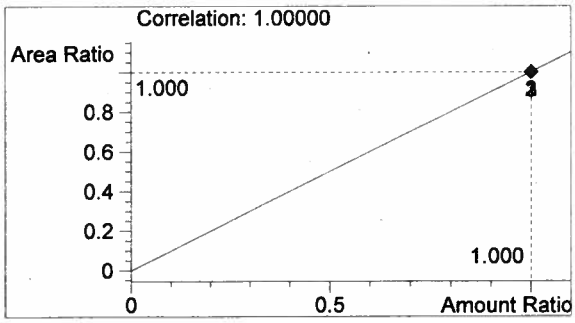


#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.028
2	n-Propanol	1380	1.759

RF



Ethanol 0.104 g/100mL

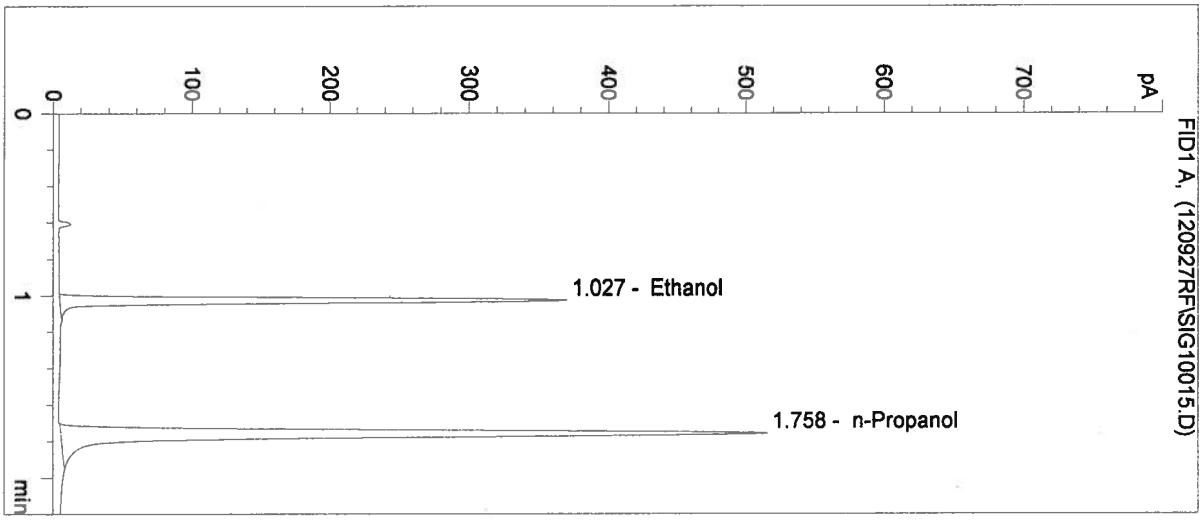


n-Propanol 0.012 g/100mL

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

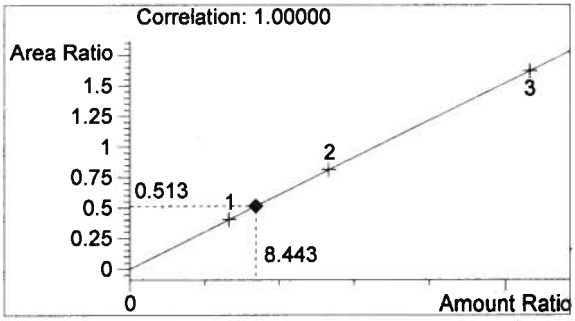
Inj. Date: 9/27/2012 3:41:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

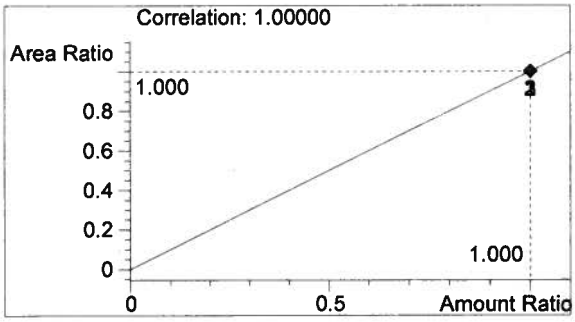


#	Compound	Peak Area	RT (min)
1	Ethanol	728	1.027
2	n-Propanol	1419	1.758

RF



Ethanol 0.101 g/100mL



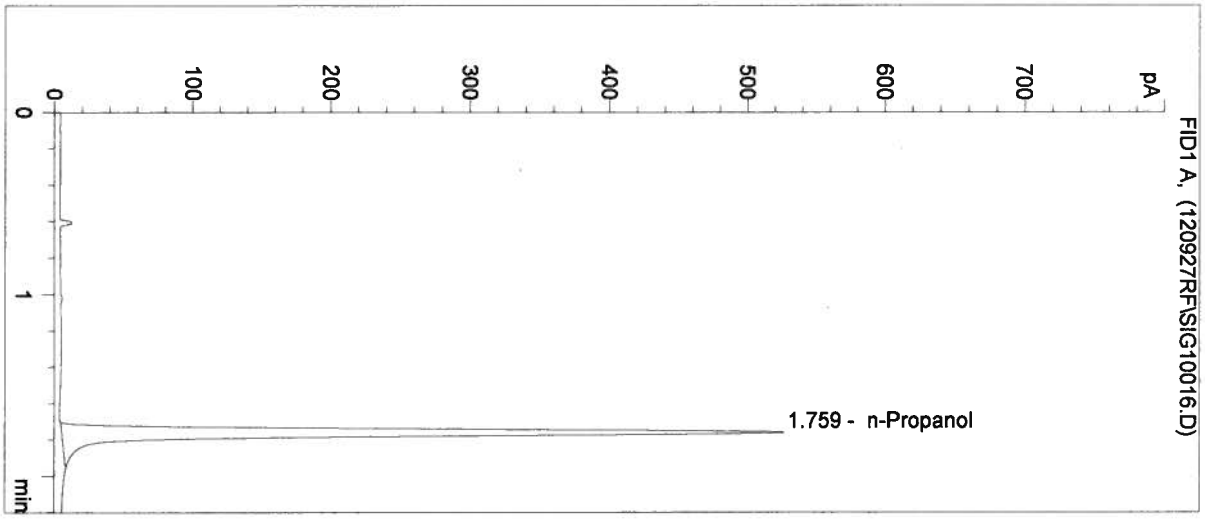
n-Propanol 0.012 g/100mL

12043

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

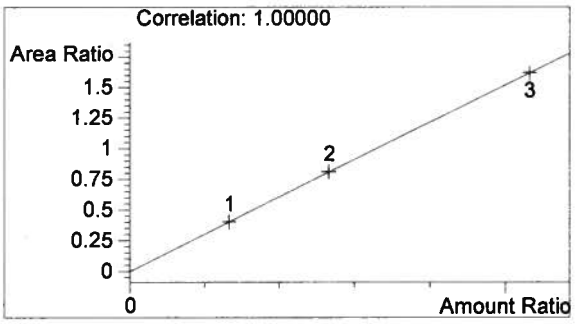
Inj. Date: 9/27/2012 3:44:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

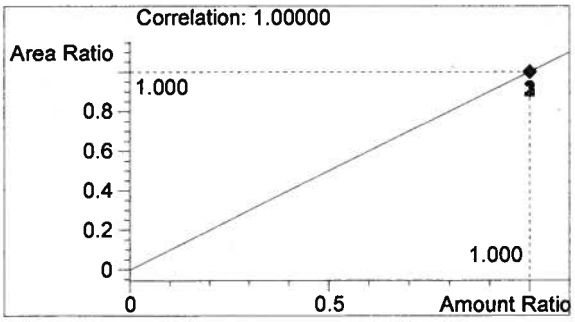


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1455	1.759

RF



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12048

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

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:	120928SS
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
n-Propanol ISTD - Lot# P0812 - exp 11/15/2012
0.079 Cal 1 - Lot# E0912-01 - exp 03/06/2013
0.158 Cal 2 - Lot# E0912-02 - exp 03/06/2013
0.316 Cal 3 - Lot# E0912-03 - exp 03/06/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG 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	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

12043

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	

SJS

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

Sequence Table (Back Injector):

No entries - empty table!

12043

12092855

SMS

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

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Calibration Table

==========

Calib. Data Modified : Friday, September 28, 2012 9:45:26 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
1.027	1	1	7.98400e-2	554.11310	1.44086e-4	1		Ethanol
		2	1.59780e-1	1125.00024	1.42027e-4			
		3	3.19310e-1	2234.14355	1.42923e-4			
1.758	1	1	1.20000e-2	1370.02197	8.75898e-6	I1		n-Propanol
		2	1.20000e-2	1391.64795	8.62287e-6			
		3	1.20000e-2	1390.21765	8.63174e-6			

==========

Peak Sum Table

==========

No Entries in table

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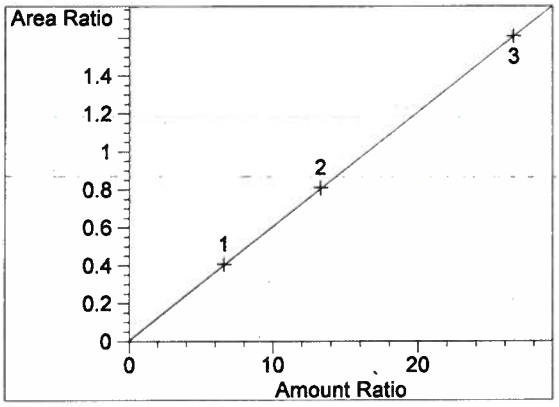
12043

12092855
SMS

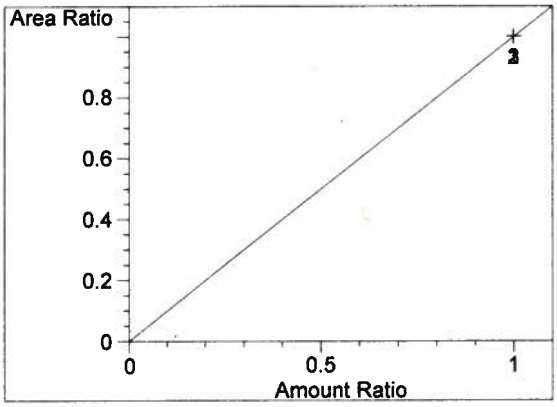
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00255
Formula: y = mx + b
m: 6.03788e-2
b: 1.90016e-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

==========

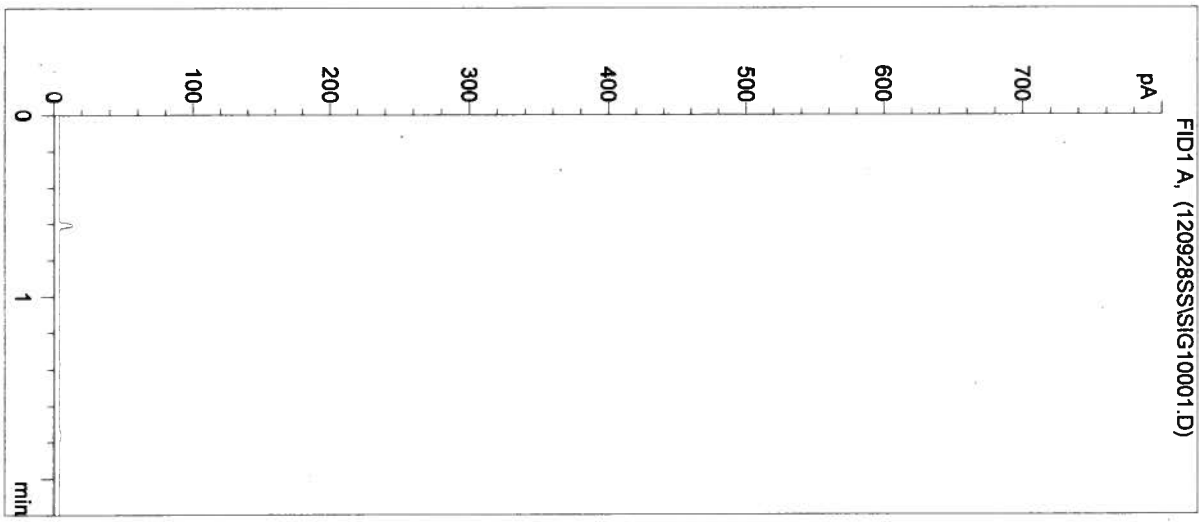
12043

12092855
SMS

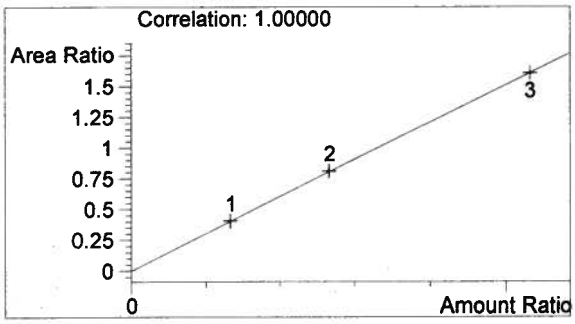
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:33:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

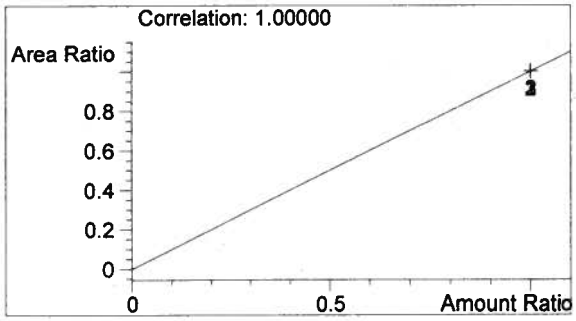
Sample Name: BLANK
Operator: SARAH SWENSON
Location: Vial 1



#	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

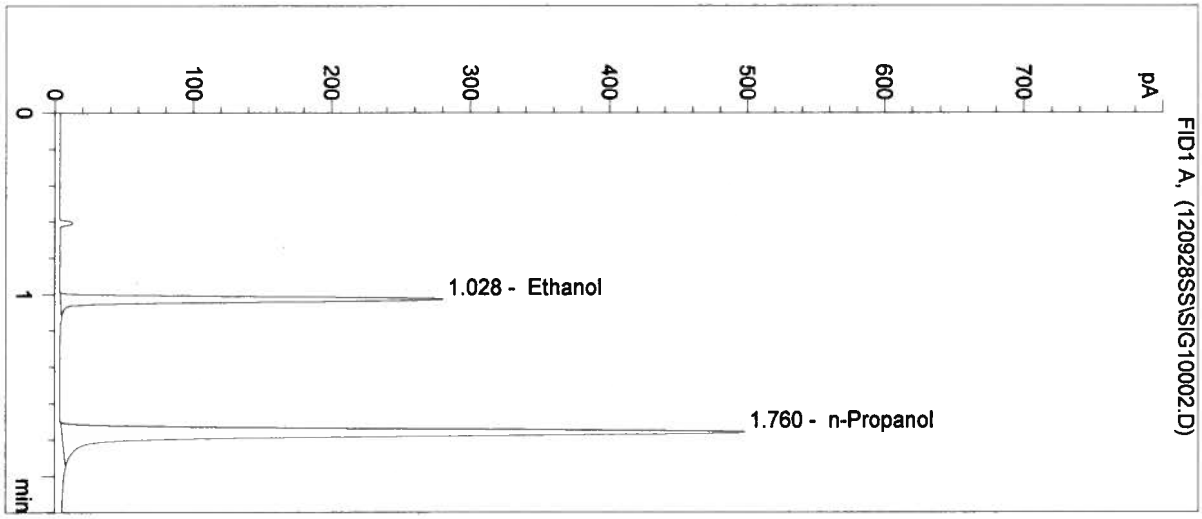
12043

SMS

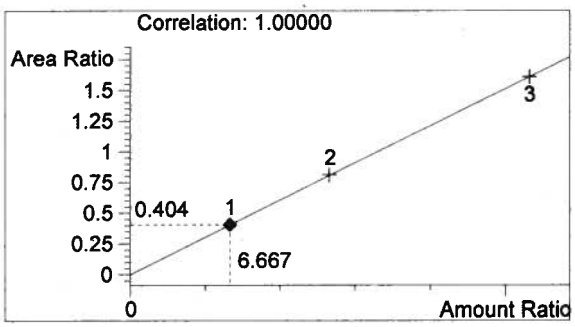
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:36:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

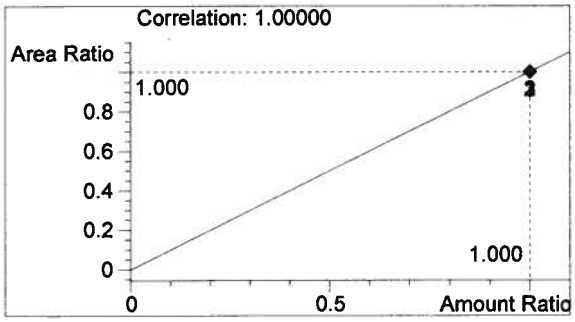
Sample Name: 0.079 CAL 1
Operator: SARAH SWENSON
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	554	1.028
2	n-Propanol	1370	1.760



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

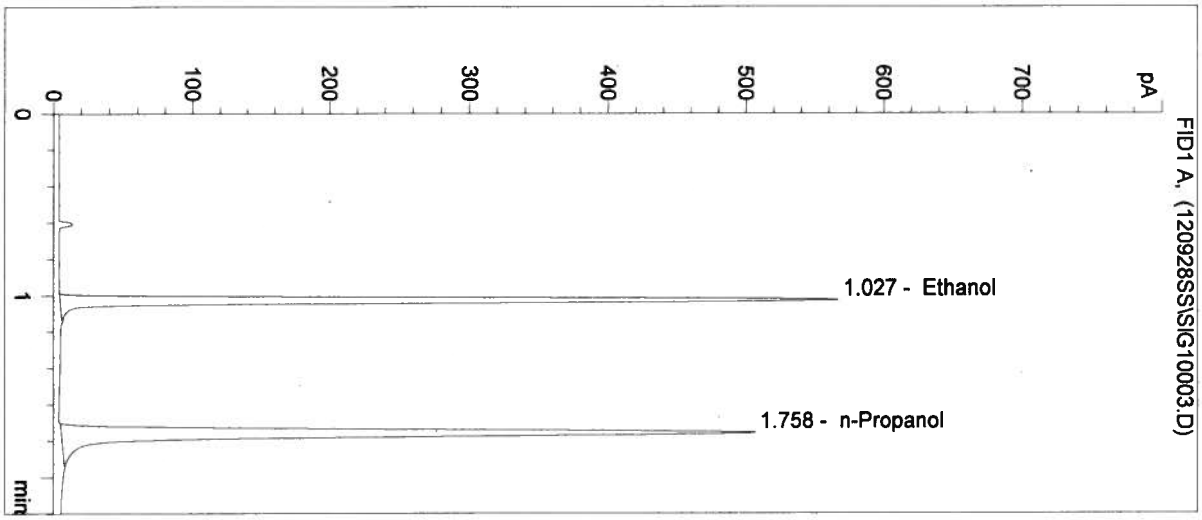
12048

SMS

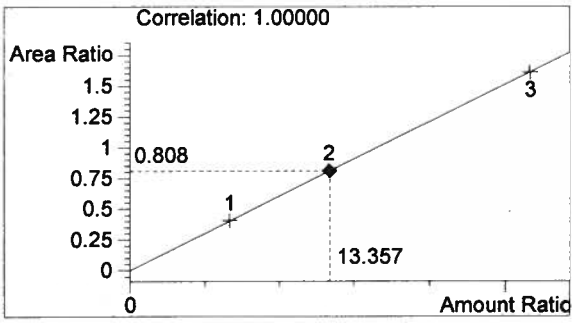
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:40:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

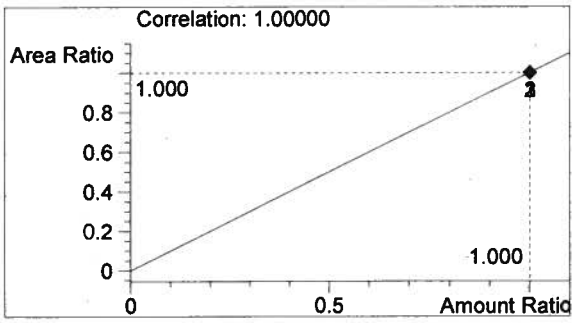
Sample Name: 0.158 CAL 2
Operator: SARAH SWENSON
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.027
2	n-Propanol	1392	1.758



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

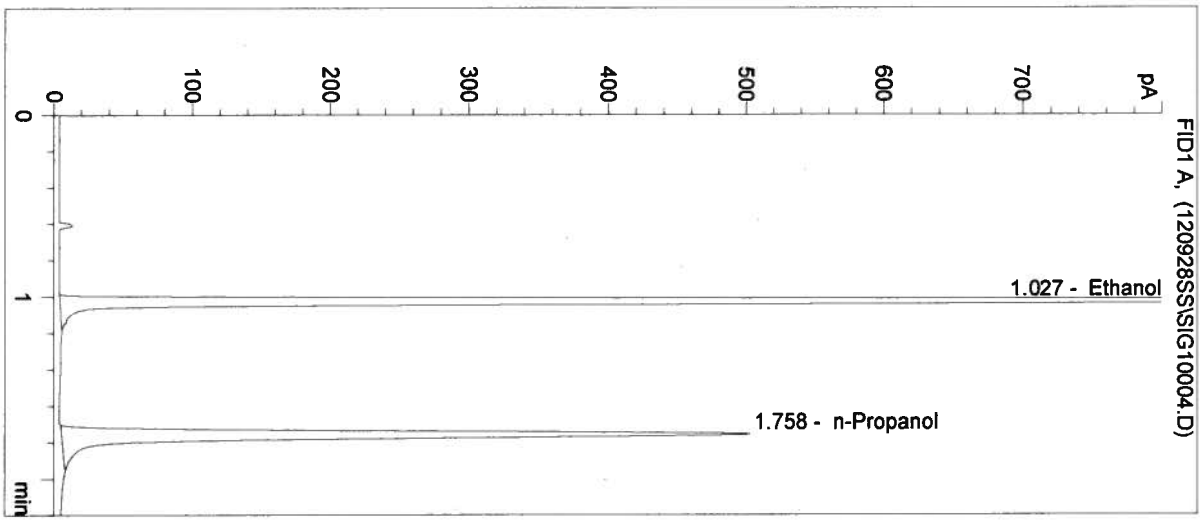
12043

SWS

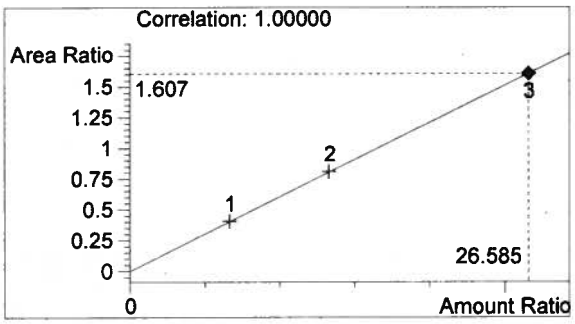
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:43:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

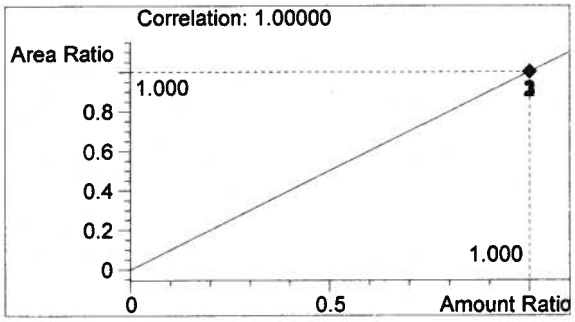
Sample Name: 0.316 CAL 3
Operator: SARAH SWENSON
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2234	1.027
2	n-Propanol	1390	1.758



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

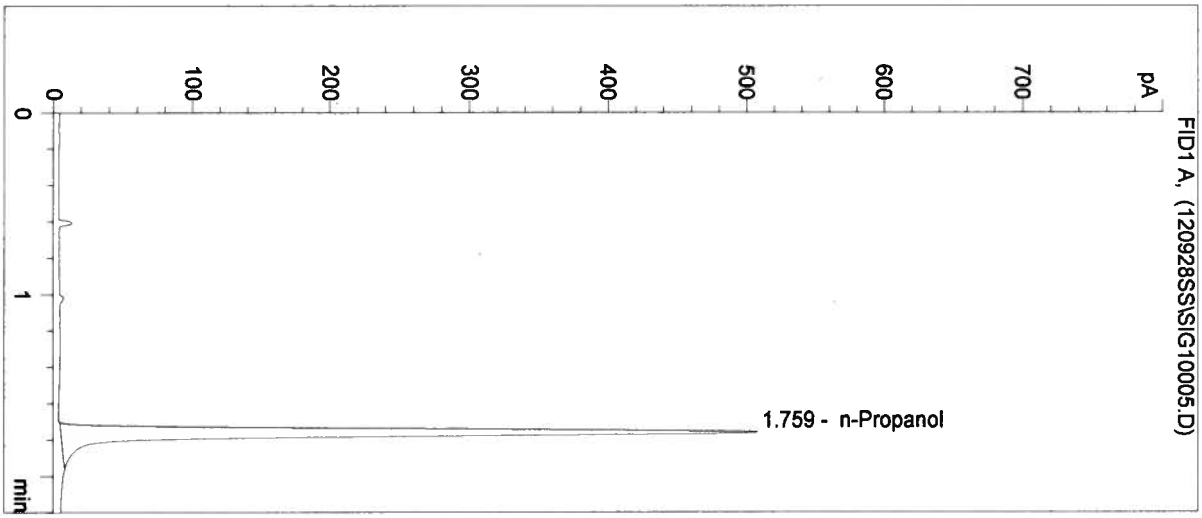
12043

SMS

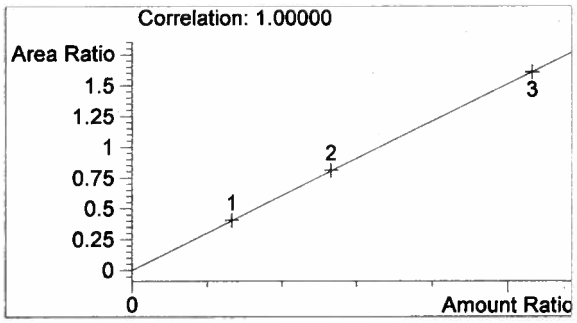
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:46:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

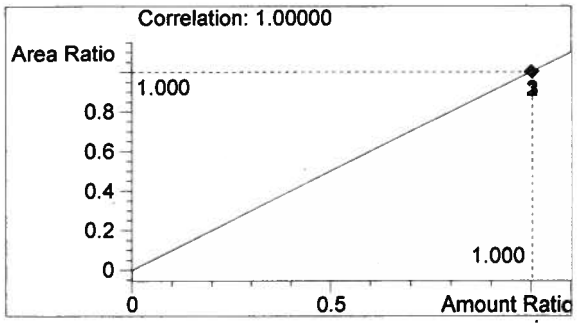
Sample Name: NEG CTRL
Operator: SARAH SWENSON
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1409	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

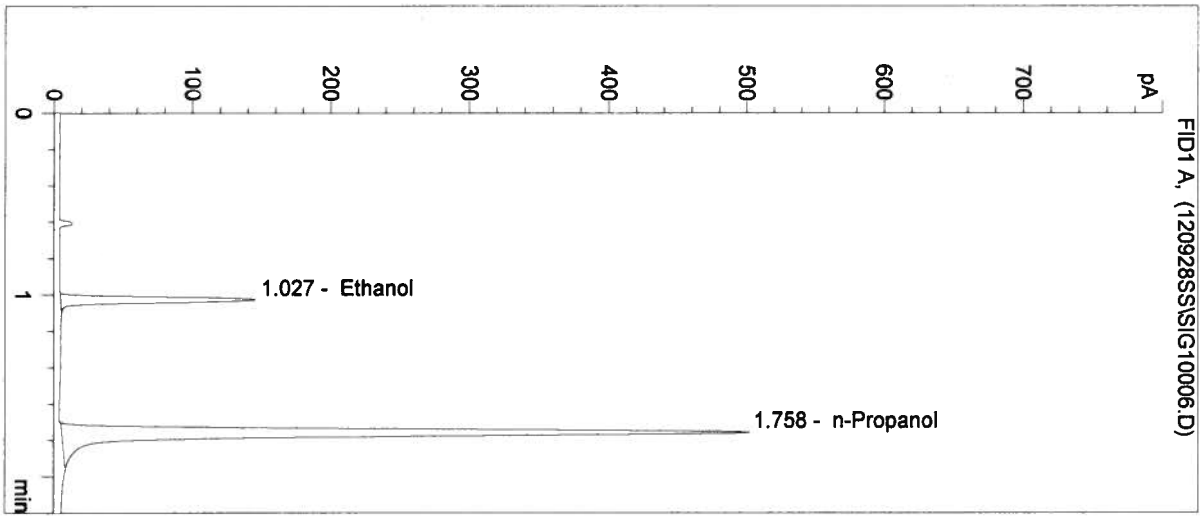
12043

SMS

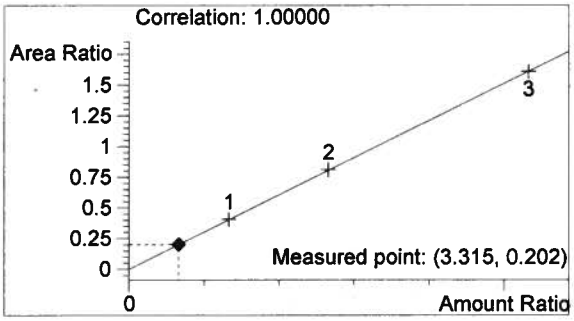
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:49:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

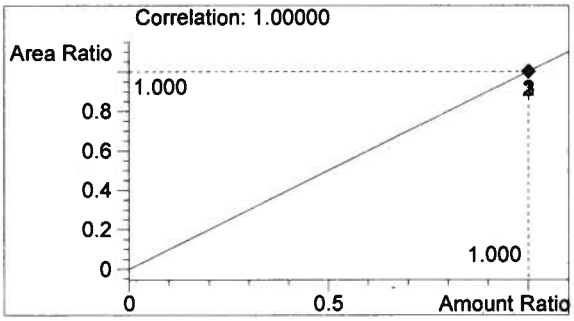
Sample Name: 0.04 CTRL
Operator: SARAH SWENSON
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	282	1.027
2	n-Propanol	1393	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

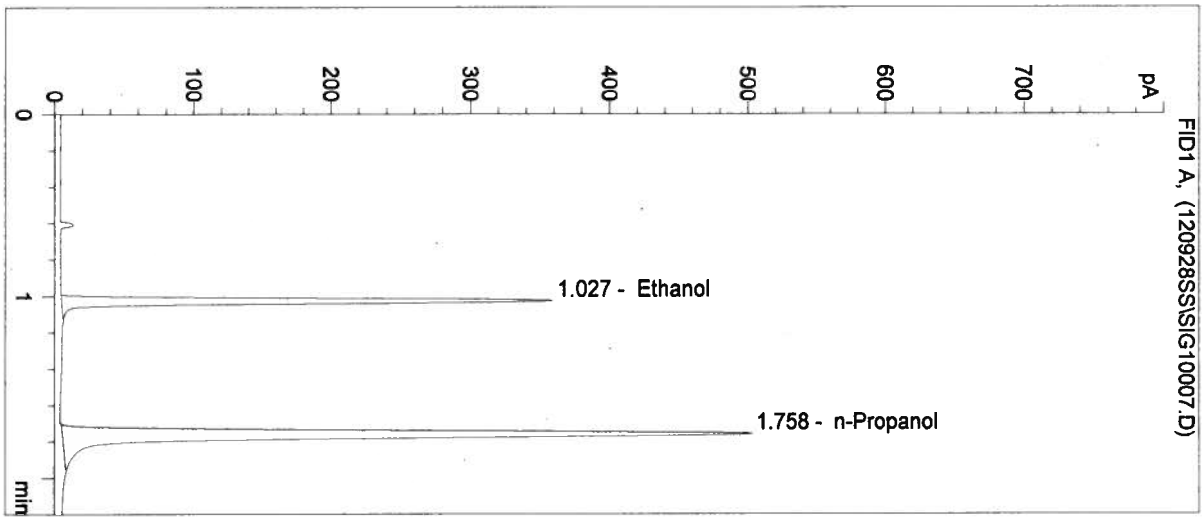
12043

SMS

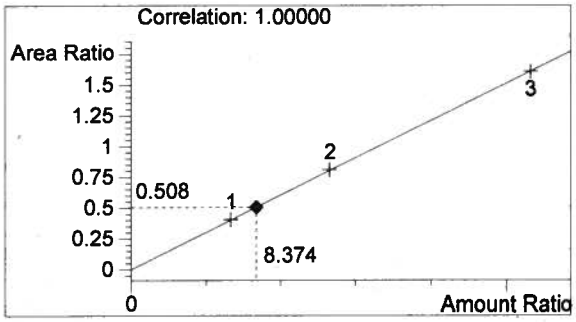
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:52:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

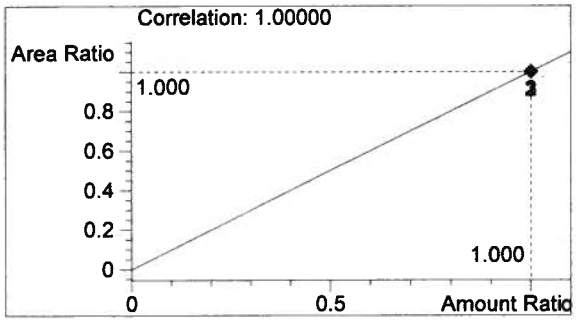
Sample Name: 0.10 CTRL
Operator: SARAH SWENSON
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1395	1.758



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

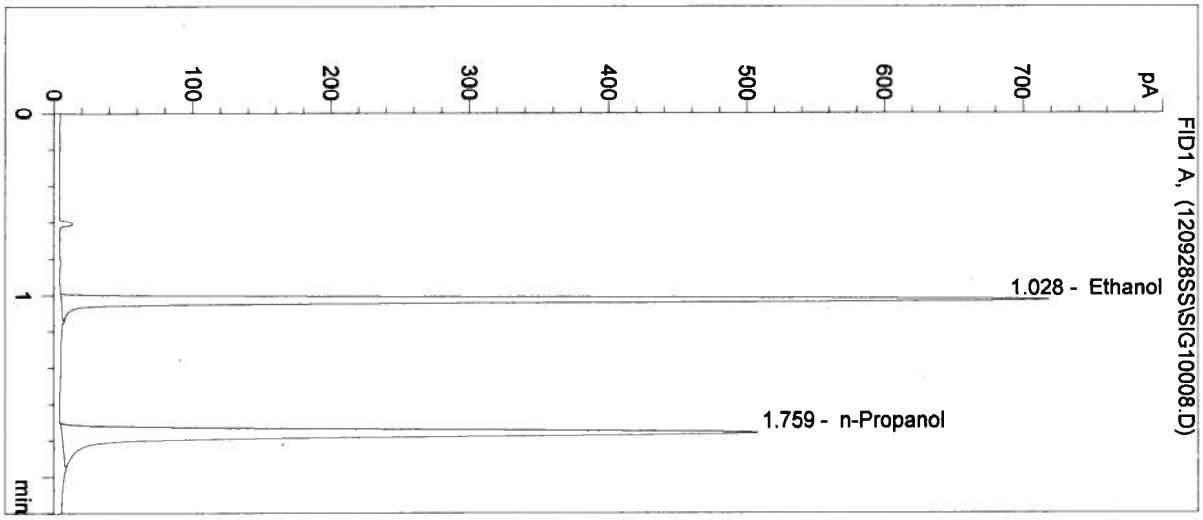
12043

SJS

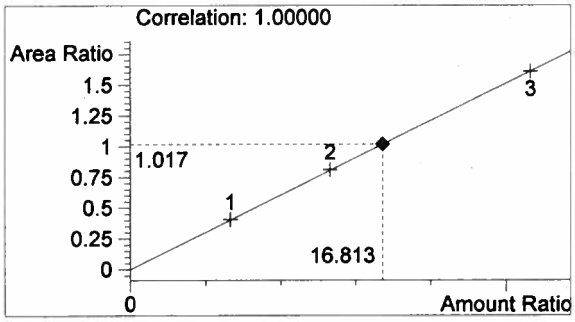
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:55:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

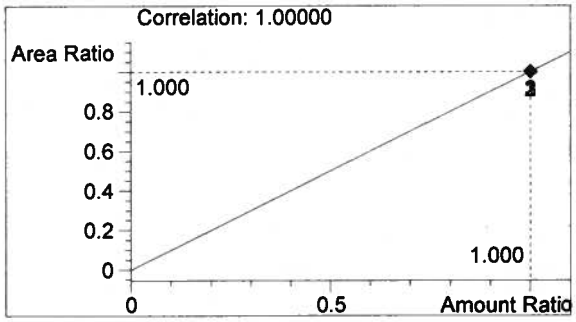
Sample Name: 0.20 CTRL
Operator: SARAH SWENSON
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1431	1.028
2	n-Propanol	1407	1.759



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

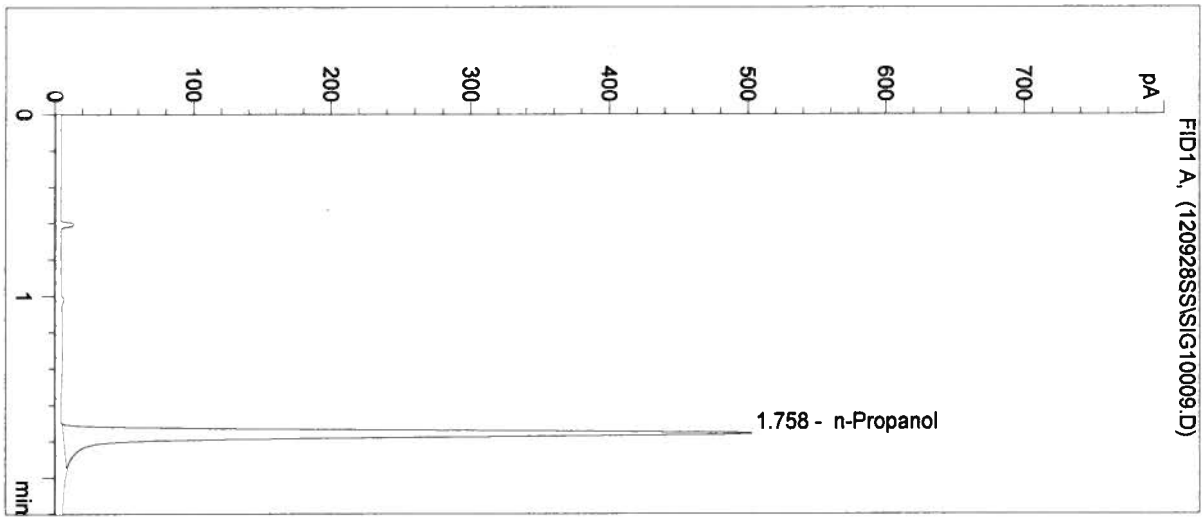
12043

SJS

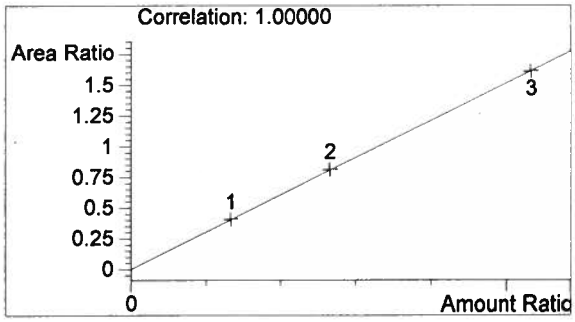
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 9:58:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

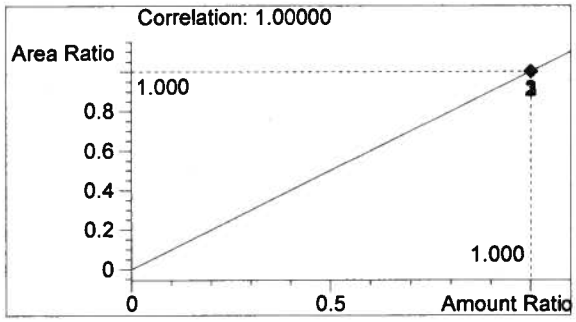
Sample Name: NEG CTRL
Operator: SARAH SWENSON
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1396	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

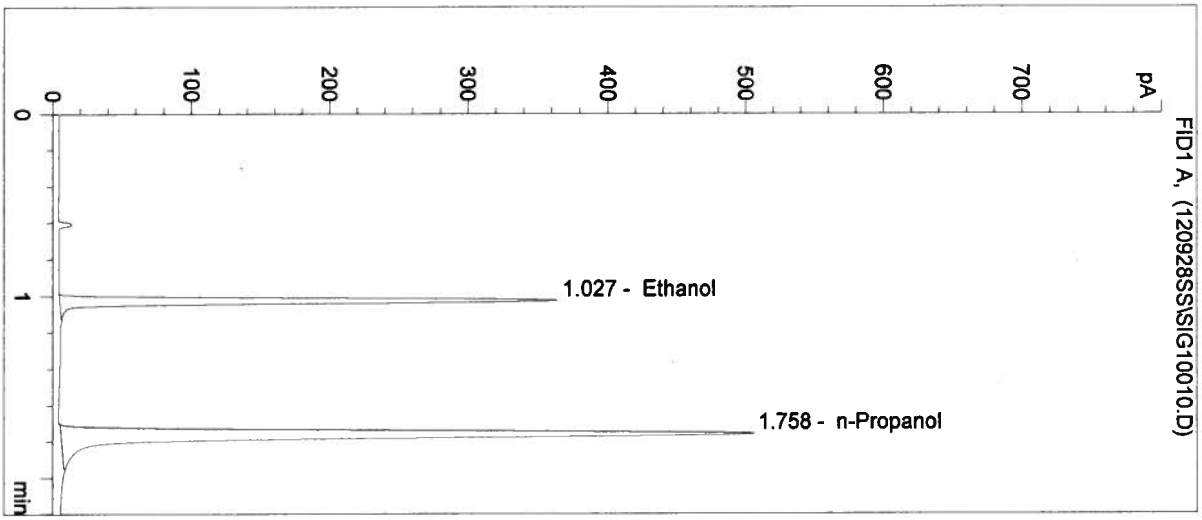
12043

SMS

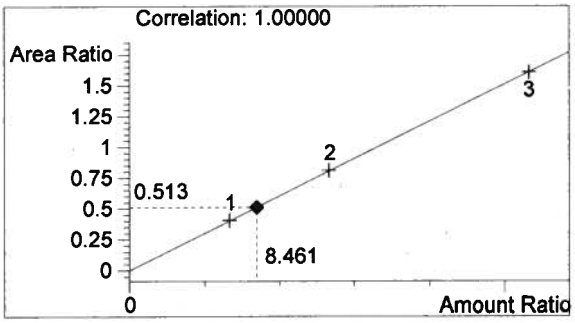
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:01:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

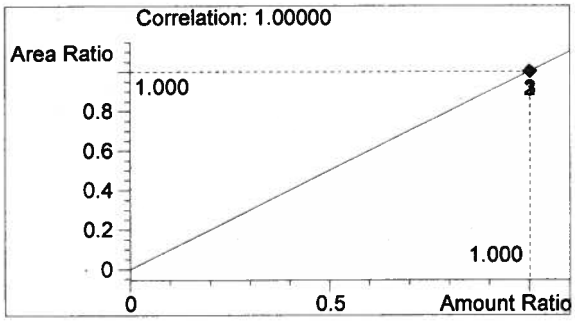
Sample Name: 12043 #1
Operator: SARAH SWENSON
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.027
2	n-Propanol	1404	1.758



Ethanol 0.102 g/100mL



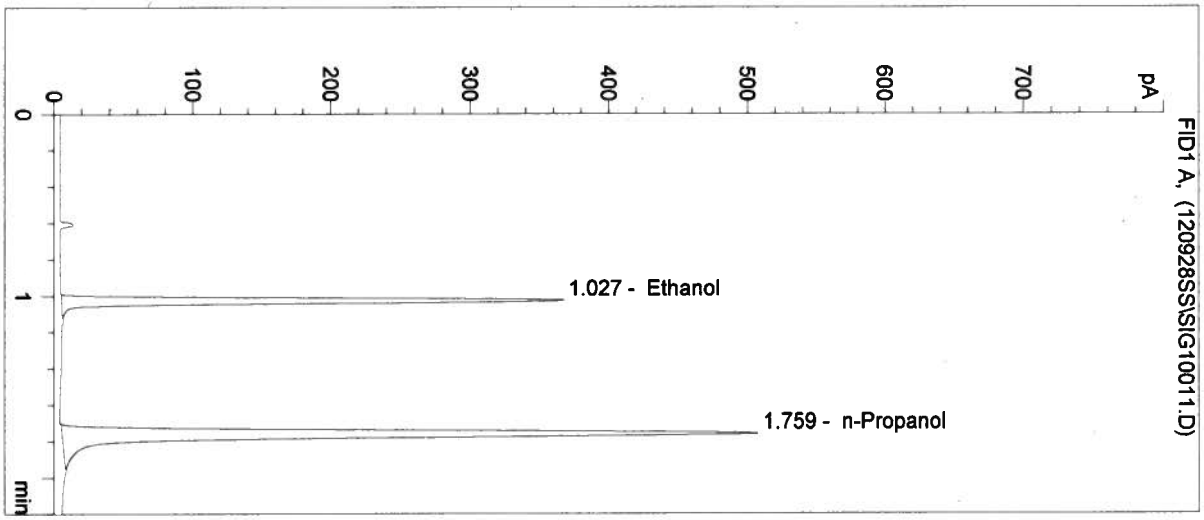
n-Propanol 0.012 g/100mL

SMS

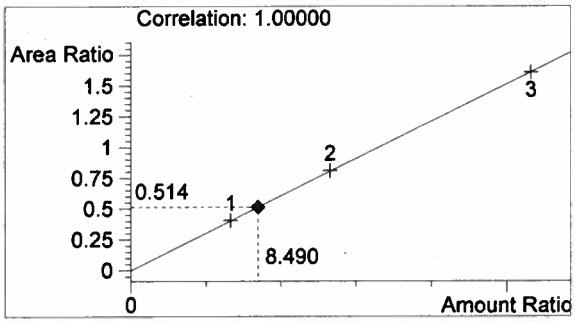
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:05:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

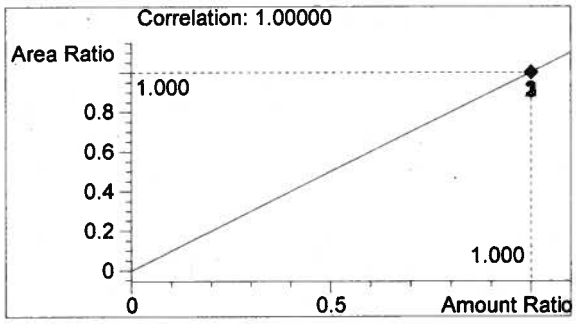
Sample Name: 12043 #2
Operator: SARAH SWENSON
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.027
2	n-Propanol	1409	1.759



Ethanol 0.102 g/100mL



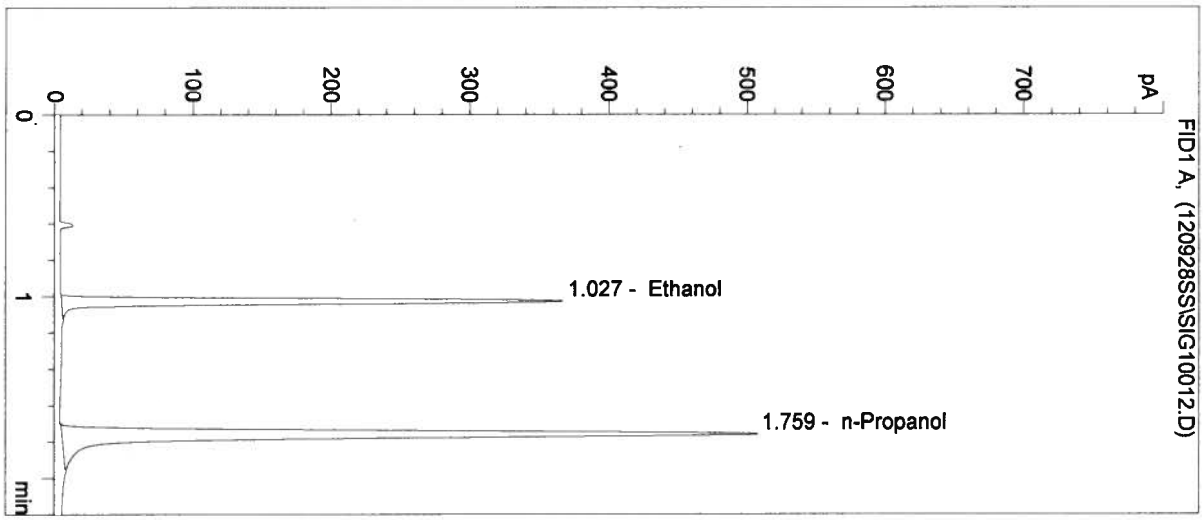
n-Propanol 0.012 g/100mL

SMS

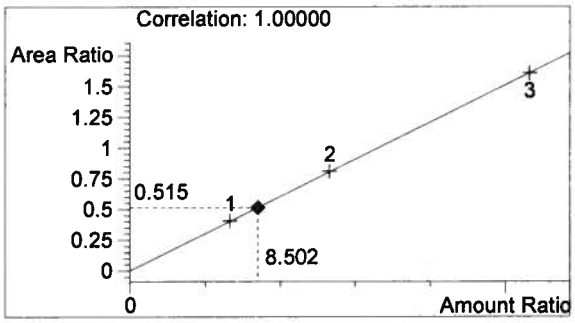
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:08:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

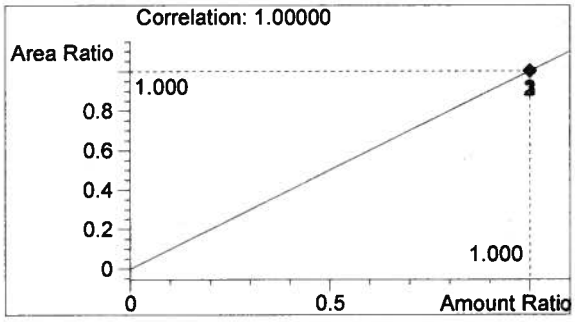
Sample Name: 12043 #3
Operator: SARAH SWENSON
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.027
2	n-Propanol	1409	1.759



Ethanol 0.102 g/100mL



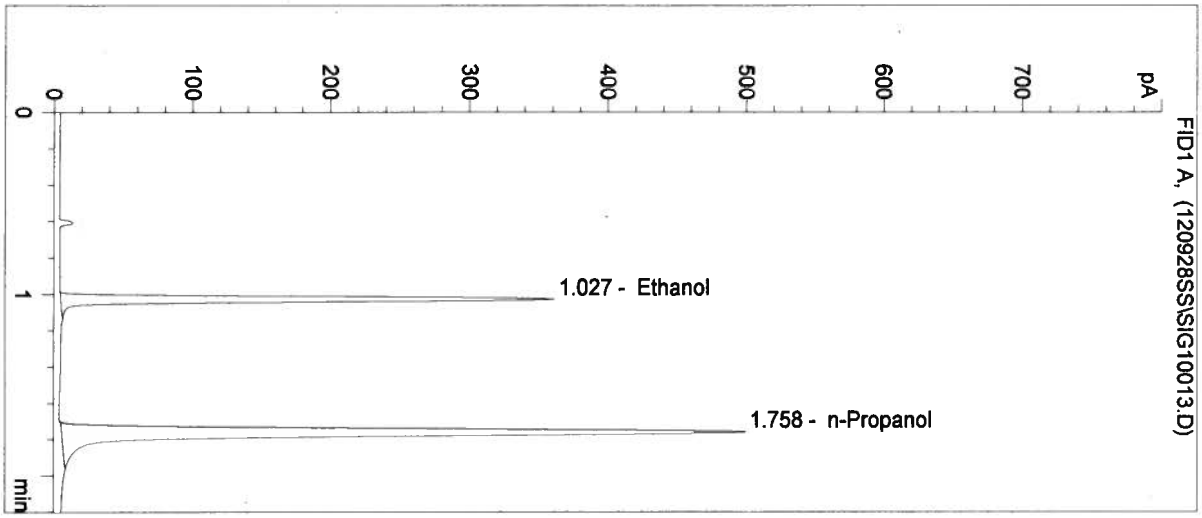
n-Propanol 0.012 g/100mL

SMS

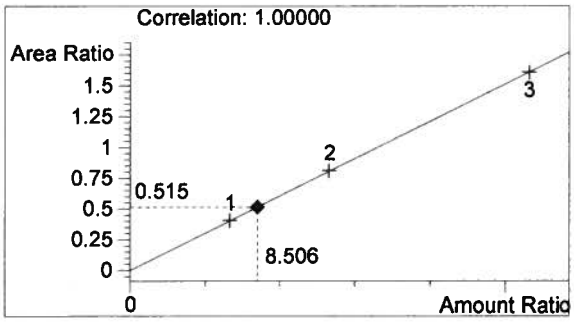
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:11:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

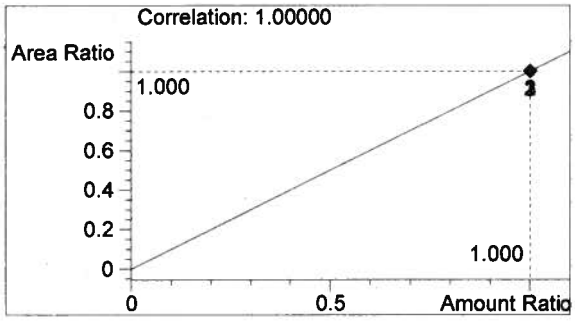
Sample Name: 12043 #4
Operator: SARAH SWENSON
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.027
2	n-Propanol	1388	1.758



Ethanol 0.102 g/100mL



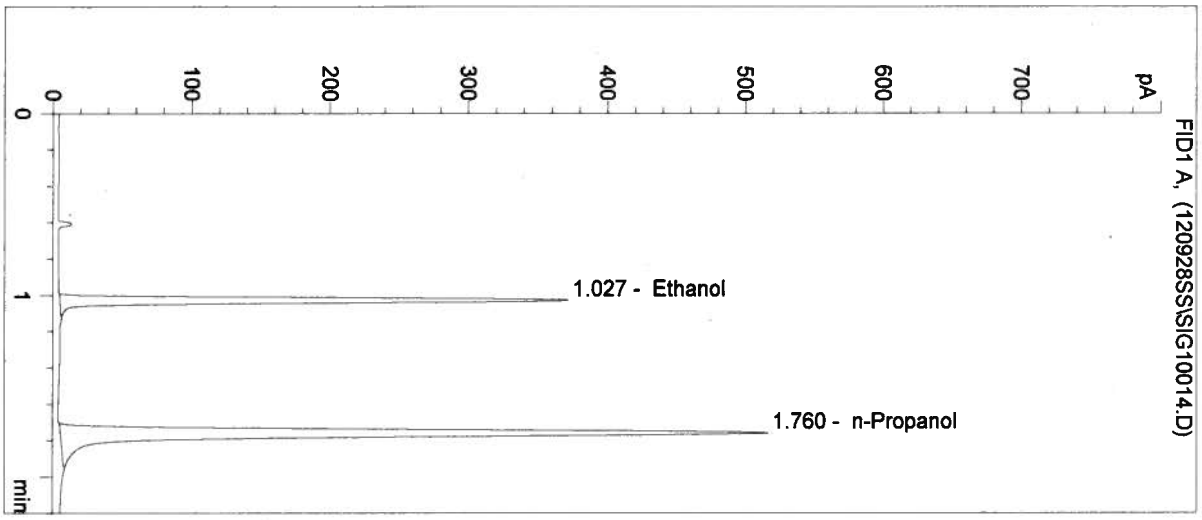
n-Propanol 0.012 g/100mL

SMS

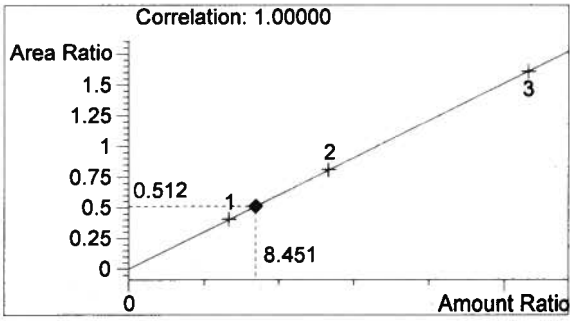
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

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

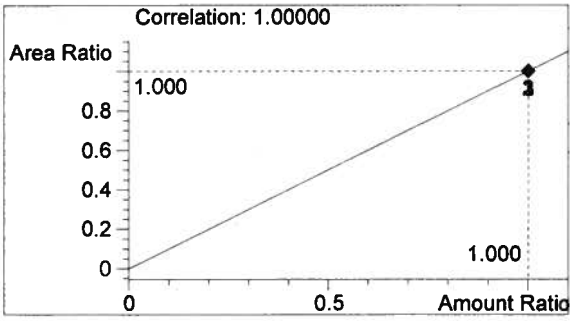
Sample Name: 12043 #5
Operator: SARAH SWENSON
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.027
2	n-Propanol	1433	1.760



Ethanol 0.101 g/100mL



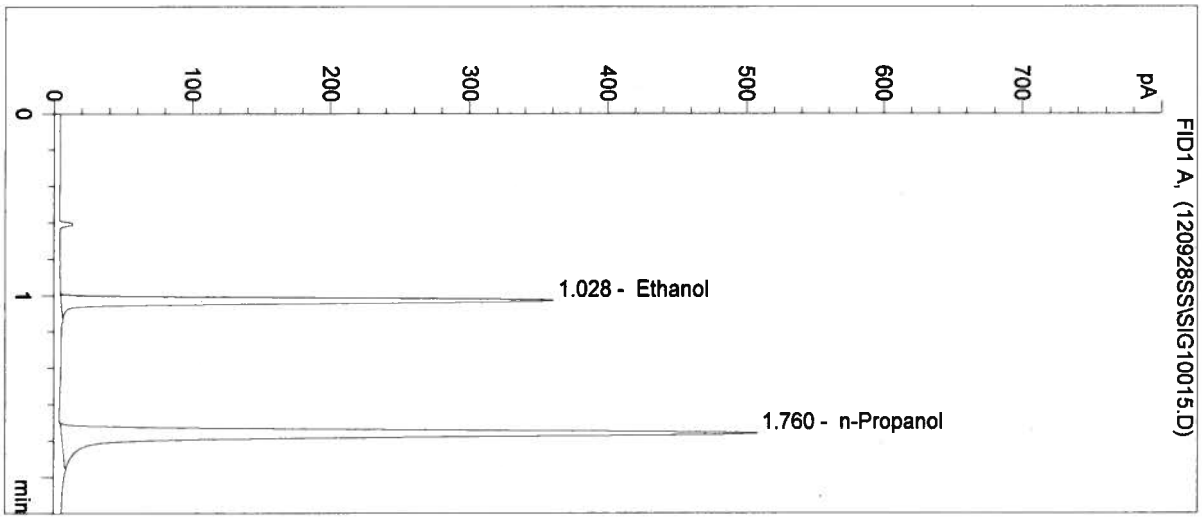
n-Propanol 0.012 g/100mL

SMS

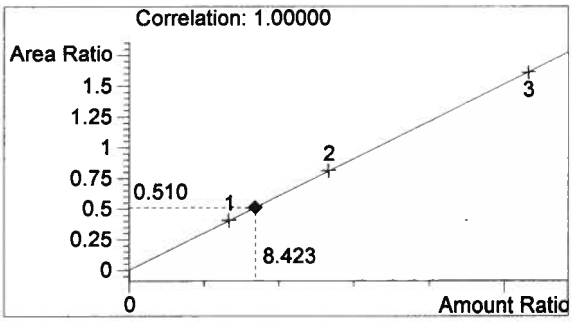
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:17:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

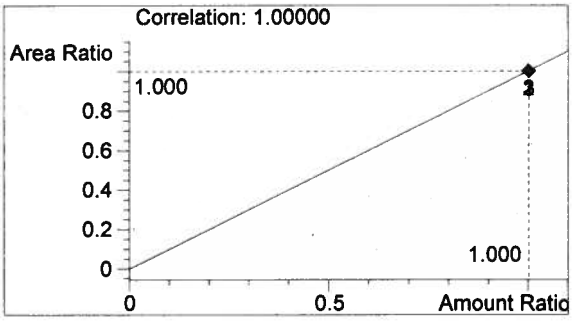
Sample Name: 0.10 CTRL
Operator: SARAH SWENSON
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.028
2	n-Propanol	1408	1.760



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12043

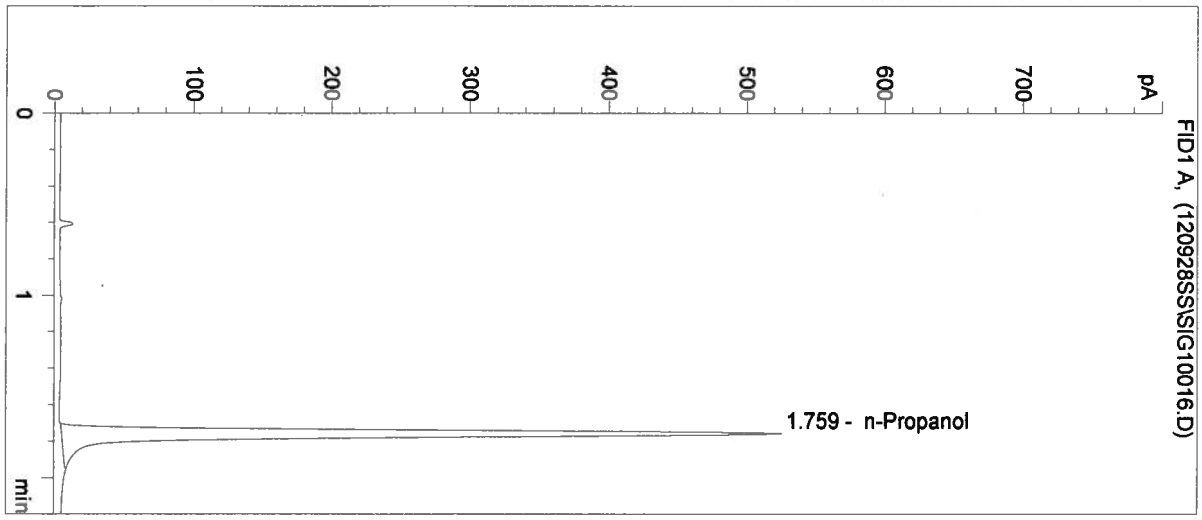
SMS

Data File: C:\HPCHEM\2\DATA\120928SS\SIG10015.D

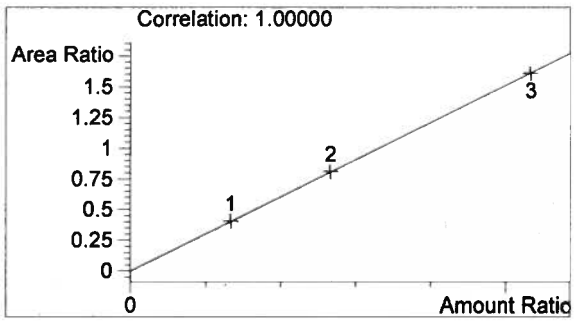
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/28/2012 10:20:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

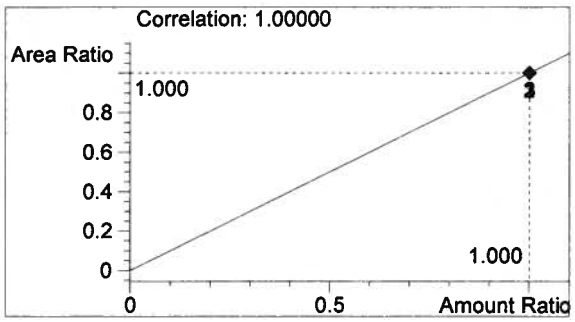
Sample Name: NEG CTRL
Operator: SARAH SWENSON
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1460	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

SWS

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXSTD3.S

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:	121002JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

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

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

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0912-01 - (0.079g/100mL)
3	Vial 3	E0912-02 - (0.158g/100mL)
4	Vial 4	E0912-03 - (0.316g/100mL)
5	Vial 5	
6	Vial 6	0.04g/100mL
7	Vial 7	0.10g/100mL
8	Vial 8	0.20g/100mL
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	

12043

JK

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXSTD3.S

Line	Location	Sample Information
14	Vial 14	
15	Vial 15	0.10g/100mL
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 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	12043-01	SIMALC3	1	Sample		
11	Vial 11	12043-02	SIMALC3	1	Sample		
12	Vial 12	12043-03	SIMALC3	1	Sample		
13	Vial 13	12043-04	SIMALC3	1	Sample		
14	Vial 14	12043-05	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	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!

12043

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

Calibration Table

Calib. Data Modified : Tuesday, October 02, 2012 9:22:53 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
1.027	1		1	7.98400e-2	554.46826	1.43994e-4	1		Ethanol
			2	1.59780e-1	1097.66357	1.45564e-4			
			3	3.19310e-1	2199.86279	1.45150e-4			
1.757	1		1	1.20000e-2	1380.28748	8.69384e-6	I1		n-Propanol
			2	1.20000e-2	1368.10889	8.77123e-6			
			3	1.20000e-2	1369.49646	8.76234e-6			

Peak Sum Table

No Entries in table

12043

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Calibration Curves

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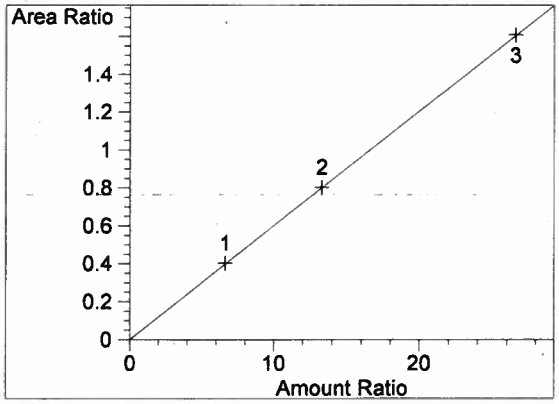
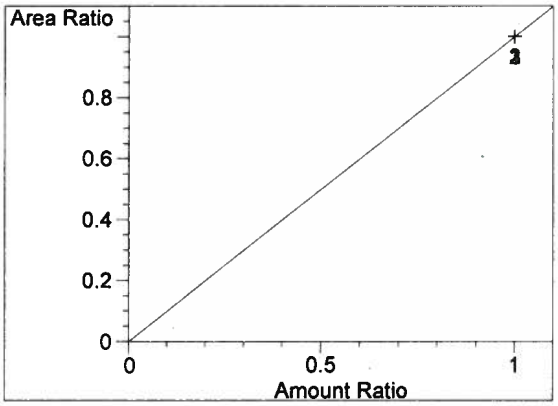


Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00091
Formula: y = mx + b
m: 6.03604e-2
b: -2.70176e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.757
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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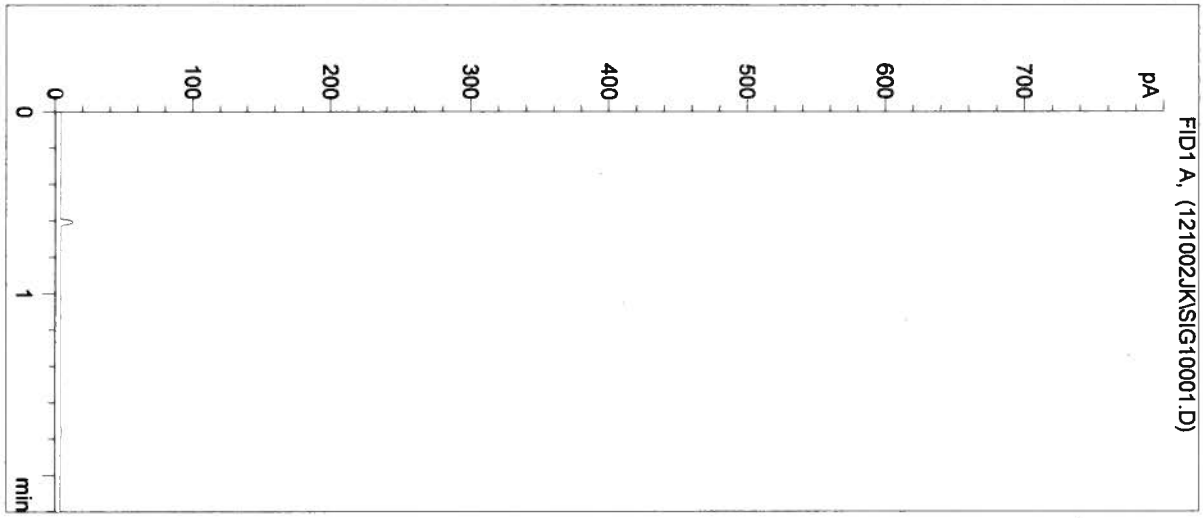
12043

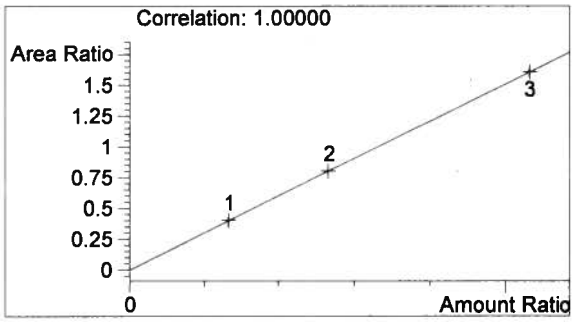
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:11:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

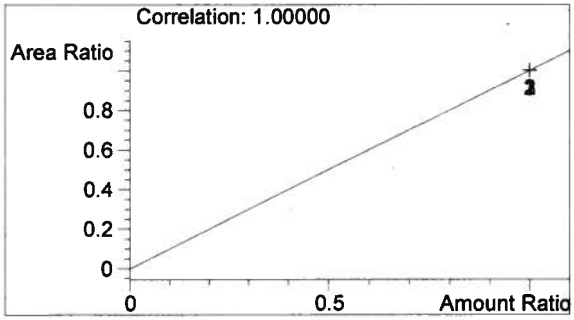
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



#	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

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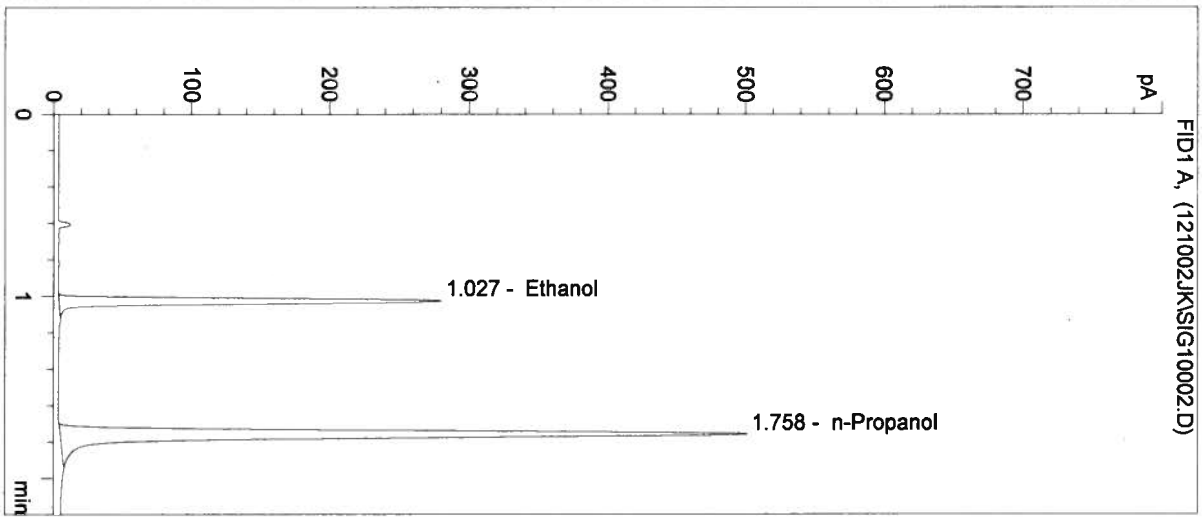
Data File: C:\HPCHEM\2\DATA\121002JK\SIG10001.D

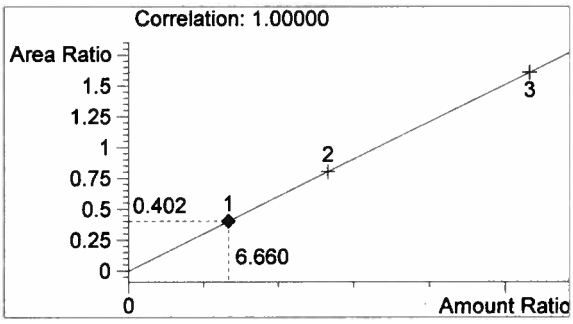
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:14:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-01 - (0.079g/100mL)

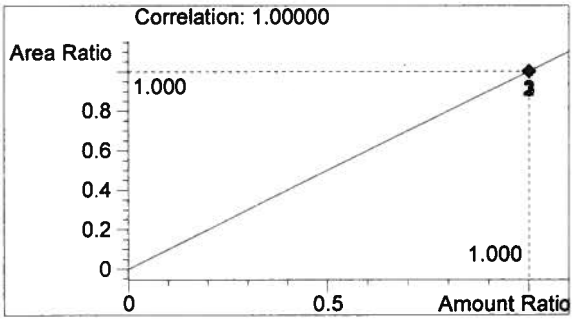
Sample Name: 0.079 CAL
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	554	1.027
2	n-Propanol	1380	1.758



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

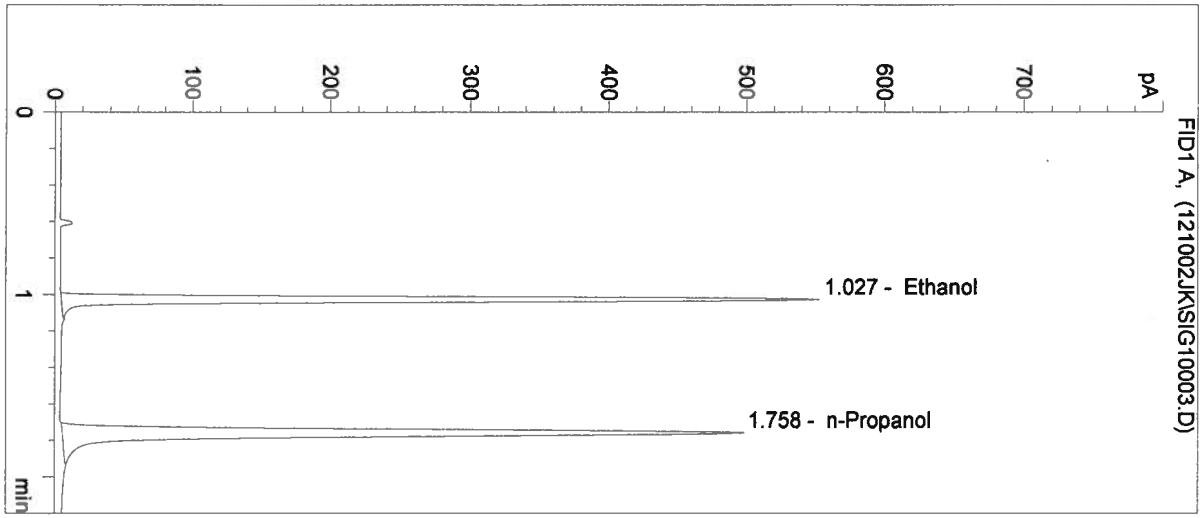
12043

Data File: C:\HPCHEM\2\DATA\121002JK\SIG10002.D

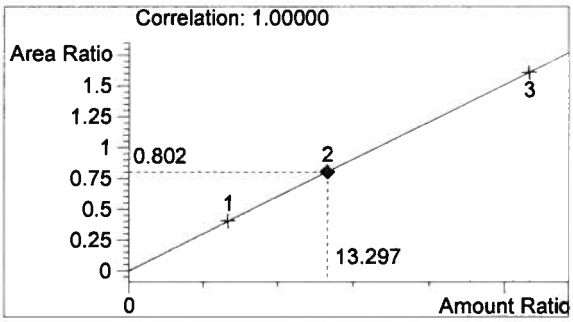
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:17:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-02 - (0.158g/100mL)

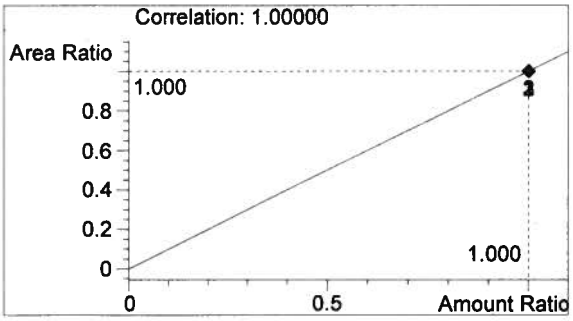
Sample Name: 0.158 CAL
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.027
2	n-Propanol	1368	1.758



Ethanol 0.160 g/100mL



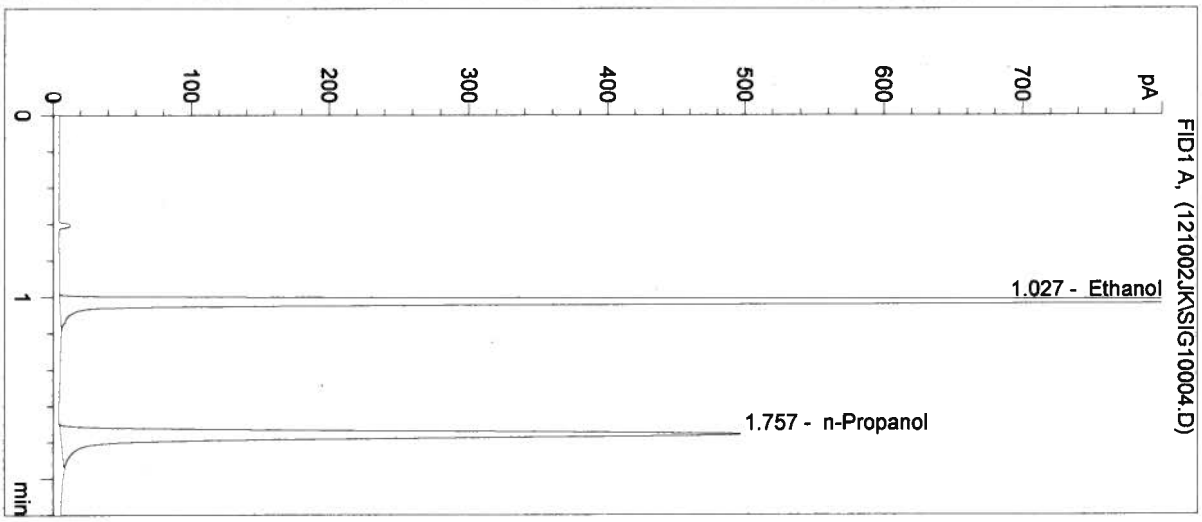
n-Propanol 0.012 g/100mL

12043

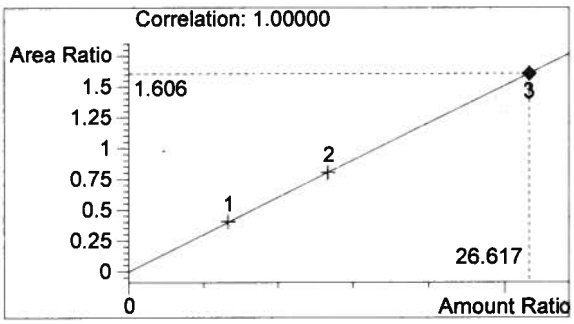
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:20:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-03 - (0.316g/100mL)

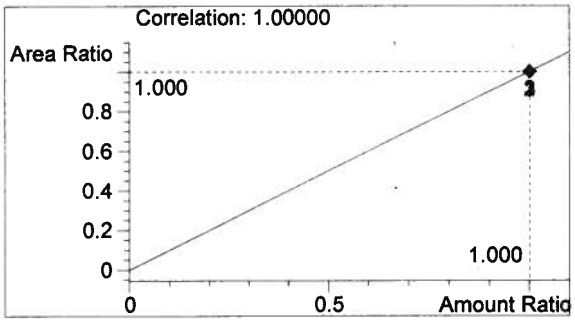
Sample Name: 0.316 CAL
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2200	1.027
2	n-Propanol	1369	1.757



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

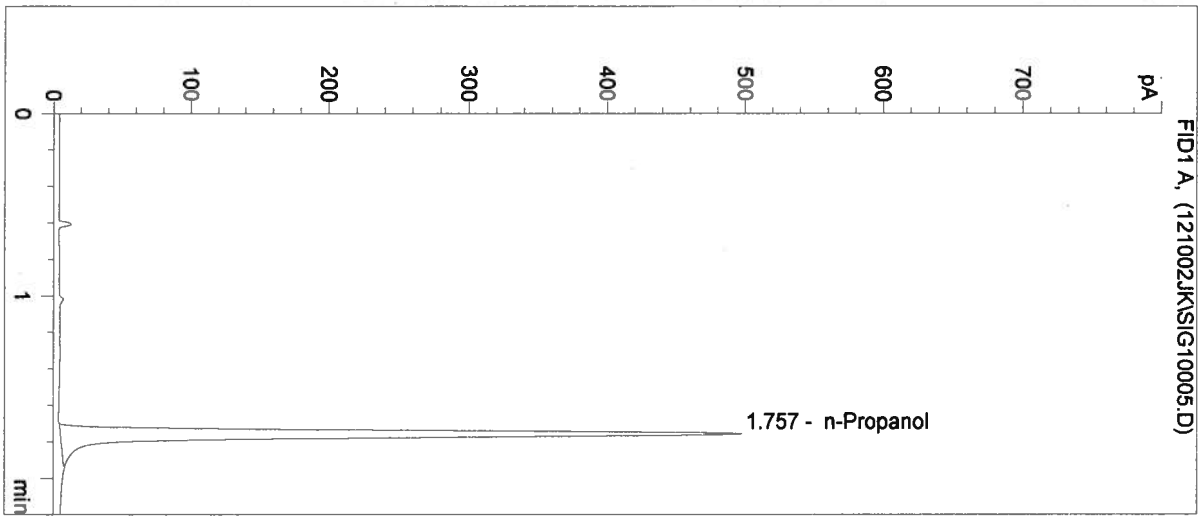
12043

Data File: C:\HPCHEM\2\DATA\121002JK\SIG10004.D

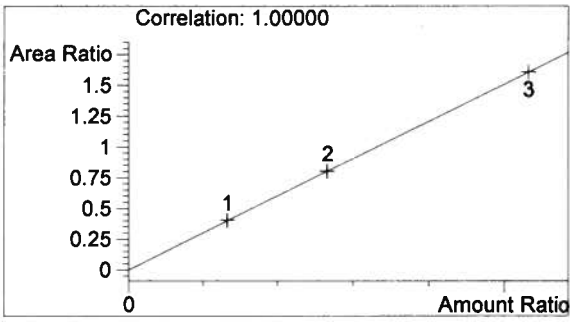
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:23:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

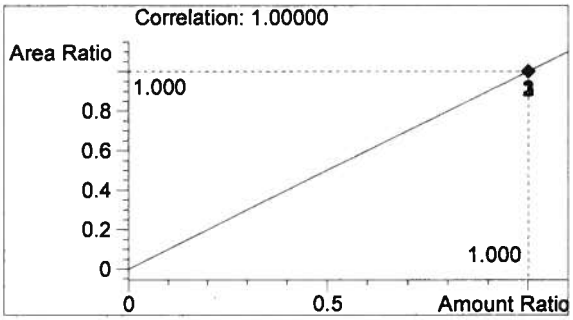
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1372	1.757



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

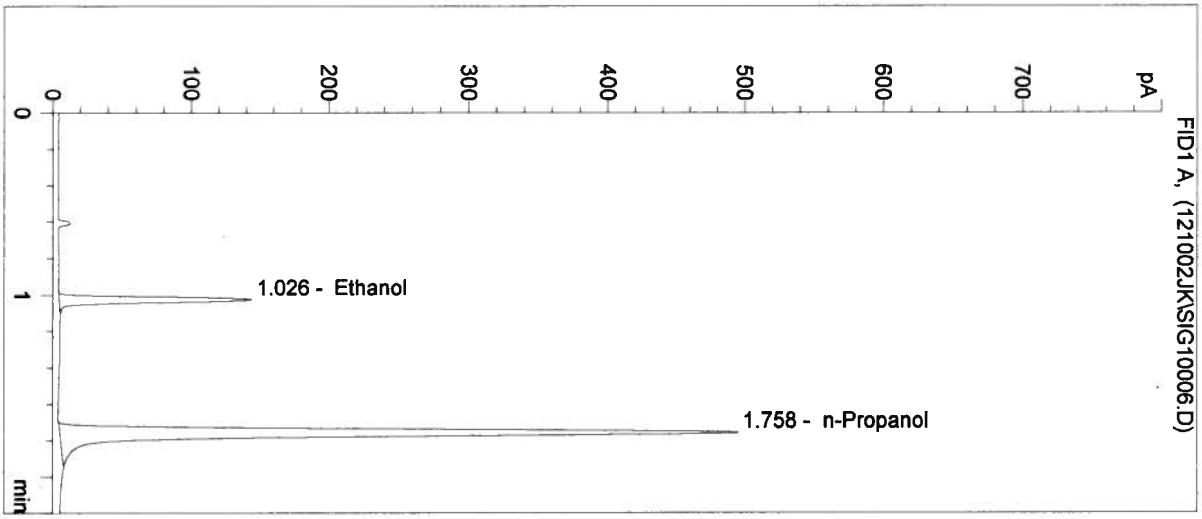
12043

JK

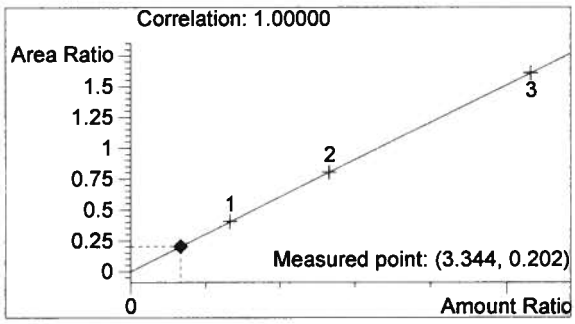
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:26:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

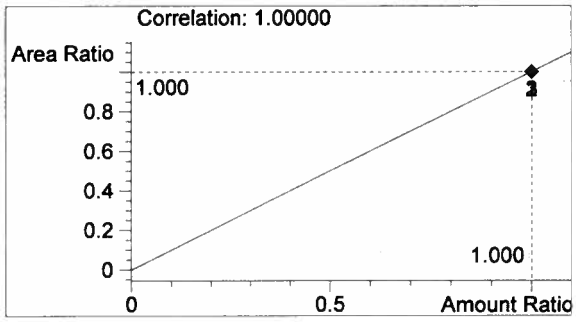
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	276	1.026
2	n-Propanol	1367	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12043

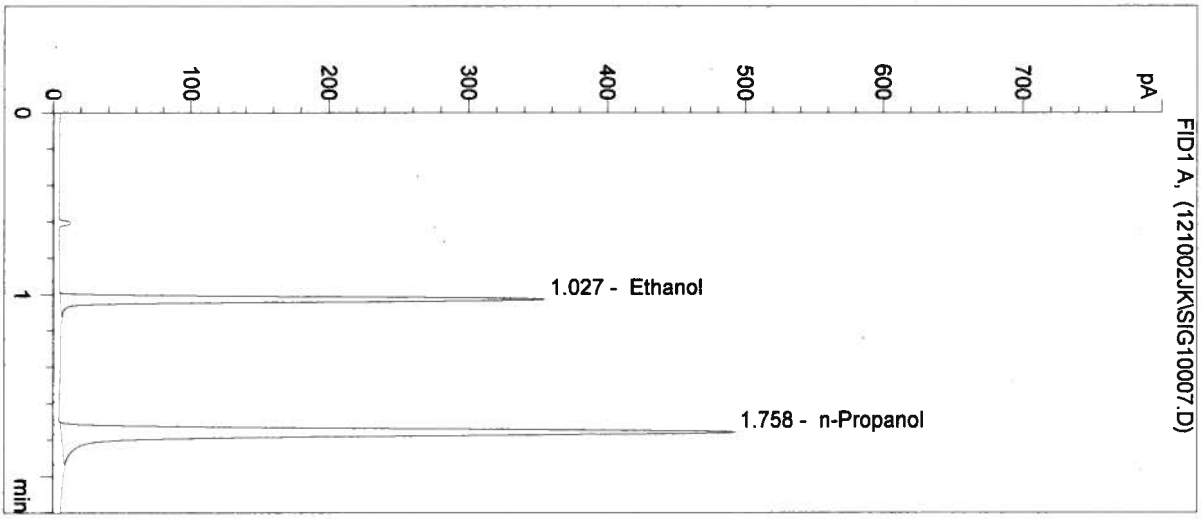
Data File: C:\HPCHEM\2\DATA\121002JK\SIG10006.D

JK

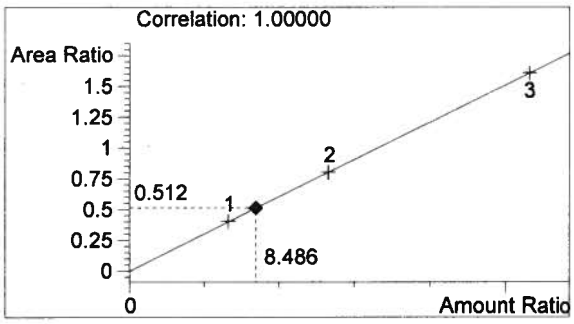
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:30:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

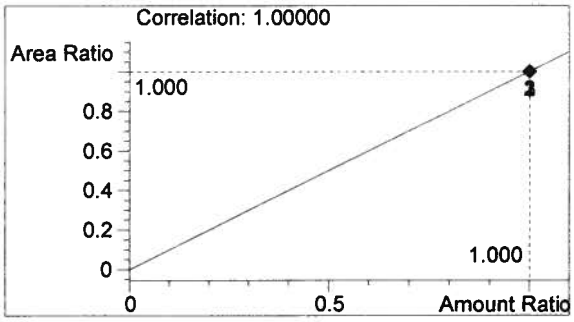
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.027
2	n-Propanol	1352	1.758



Ethanol 0.102 g/100mL



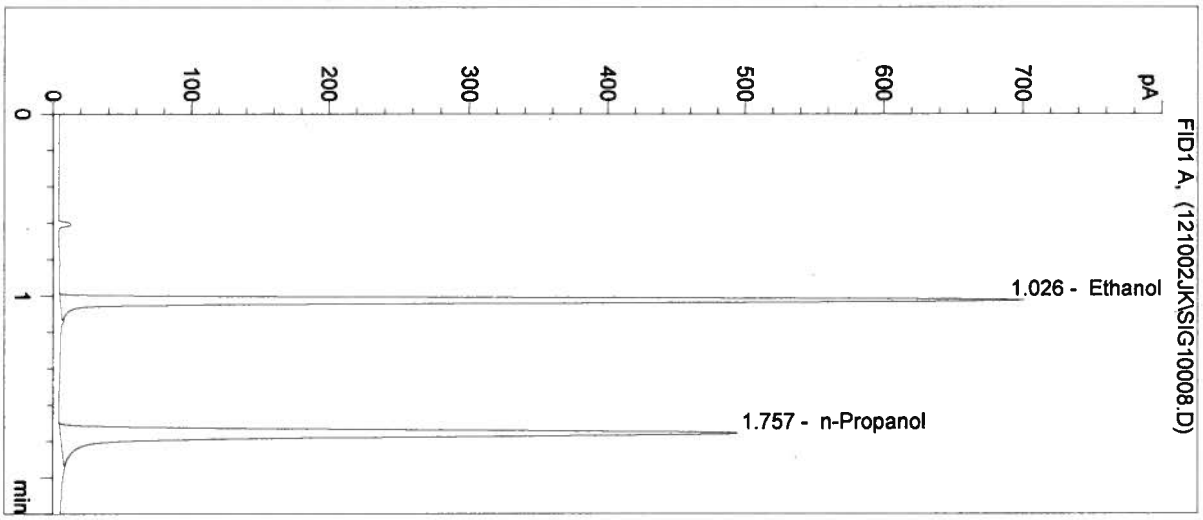
n-Propanol 0.012 g/100mL

12043

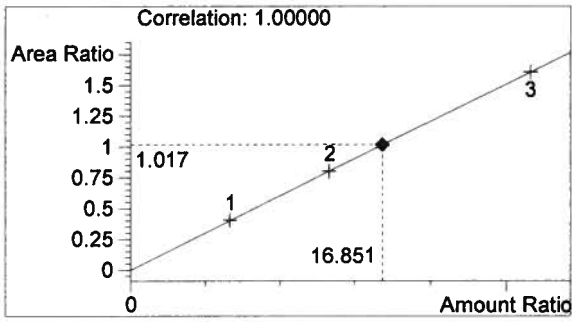
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:33:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

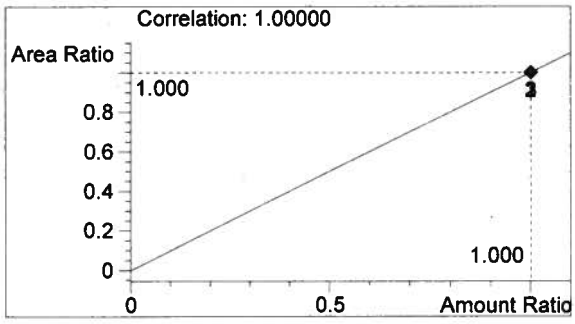
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1386	1.026
2	n-Propanol	1363	1.757



Ethanol 0.202 g/100mL



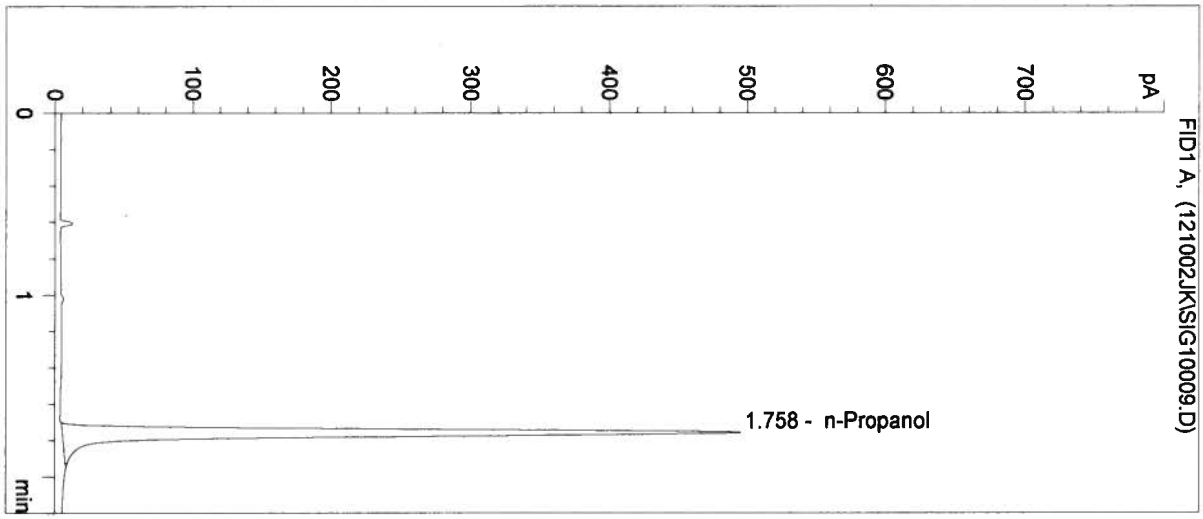
n-Propanol 0.012 g/100mL

12043

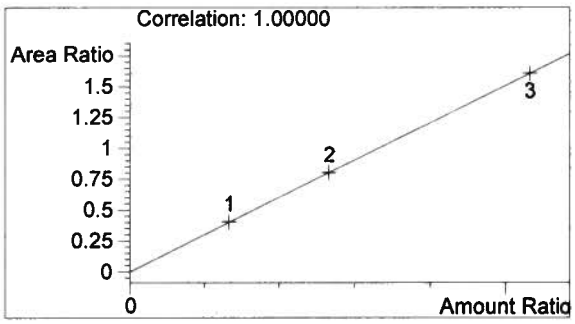
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:36:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

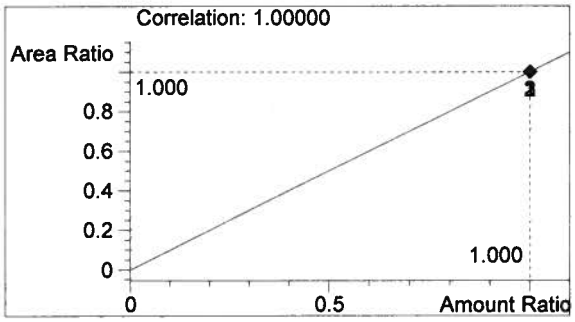
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1364	1.758



Ethanol 0.000 g/100mL



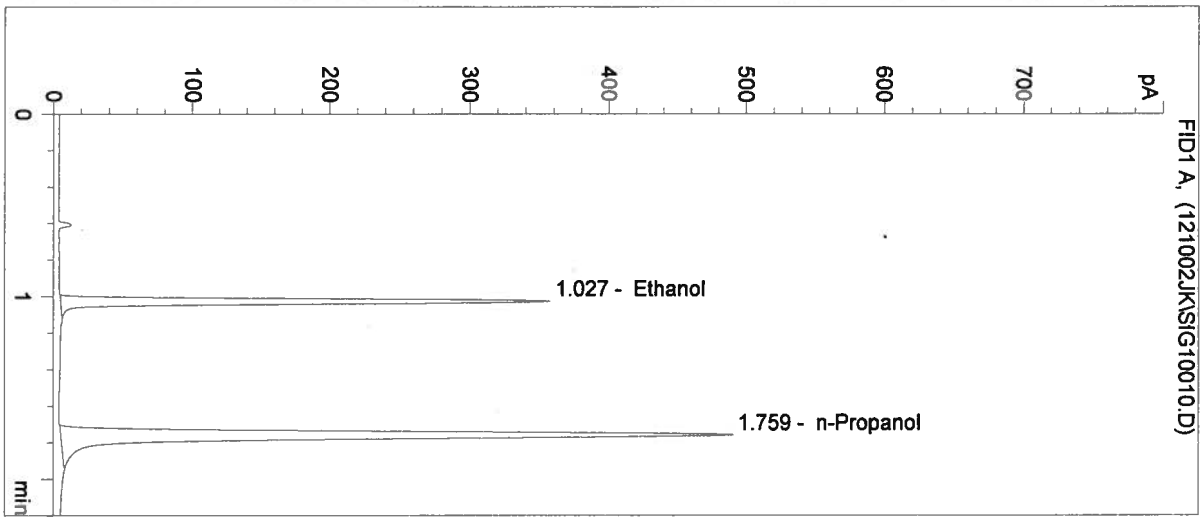
n-Propanol 0.012 g/100mL

12043

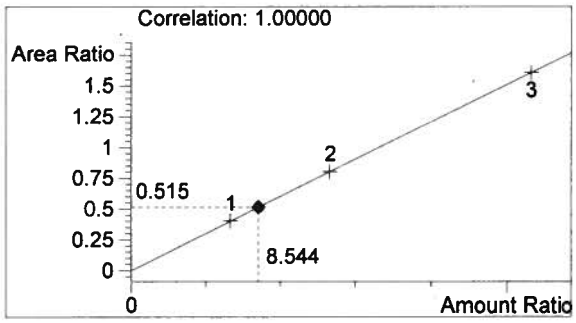
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:39:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

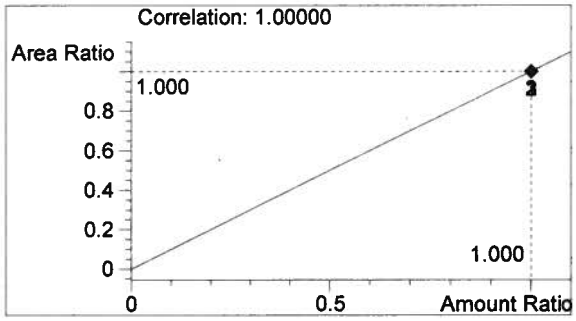
Sample Name: 12043-01
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.027
2	n-Propanol	1349	1.759



Ethanol 0.103 g/100mL

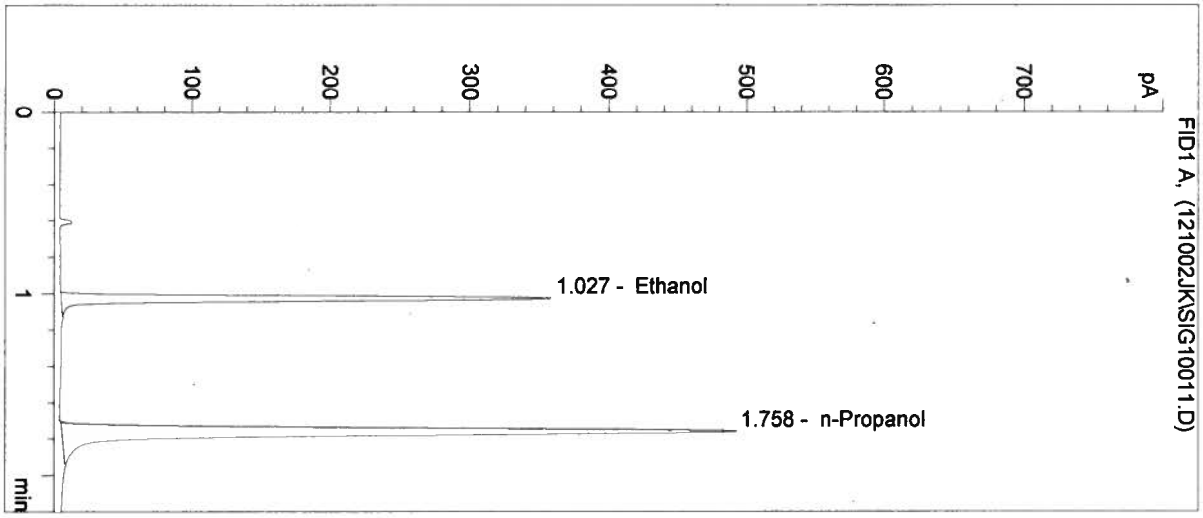


n-Propanol 0.012 g/100mL

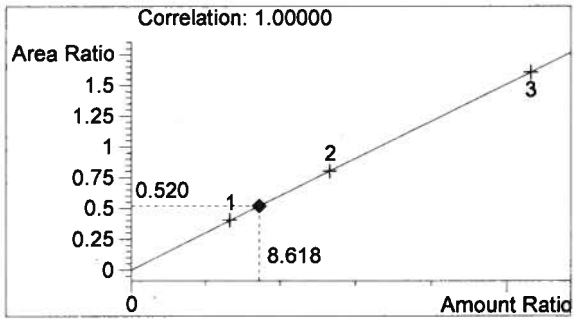
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:42:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

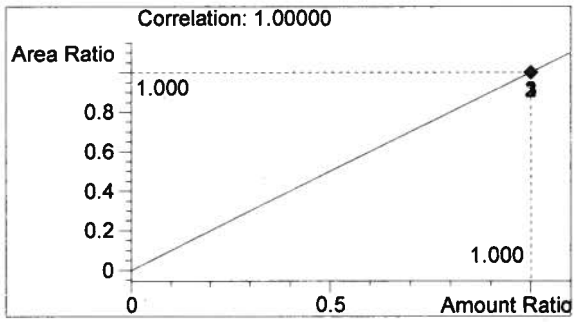
Sample Name: 12043-02
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.027
2	n-Propanol	1352	1.758



Ethanol 0.103 g/100mL

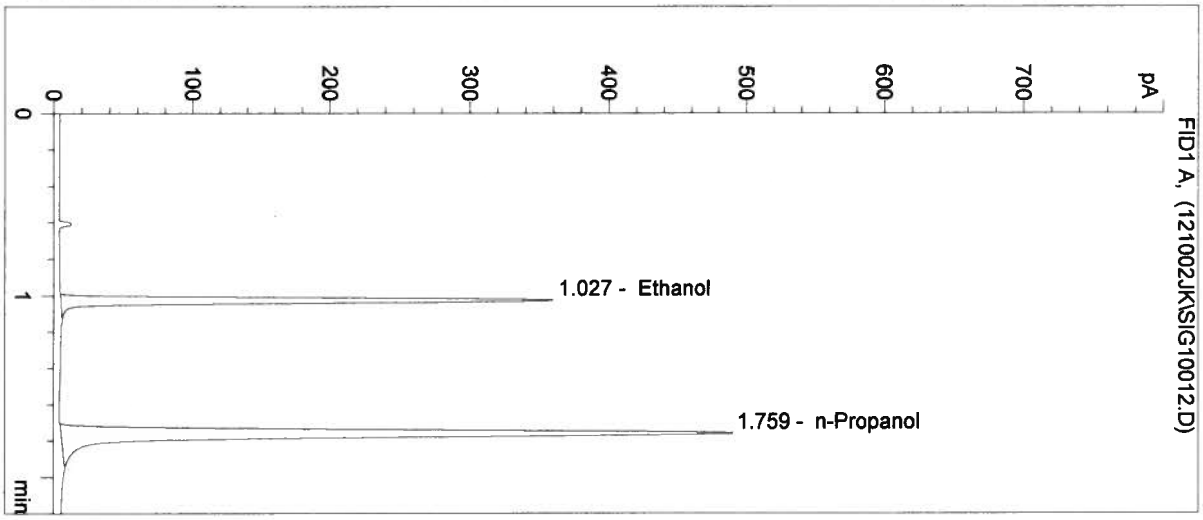


n-Propanol 0.012 g/100mL

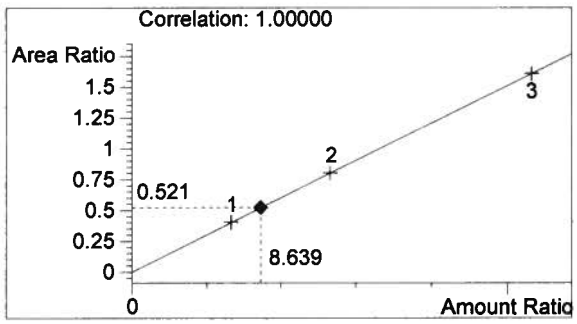
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:45:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

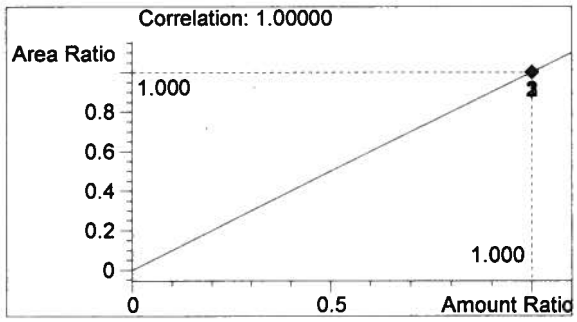
Sample Name: 12043-03
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.027
2	n-Propanol	1346	1.759



Ethanol 0.104 g/100mL

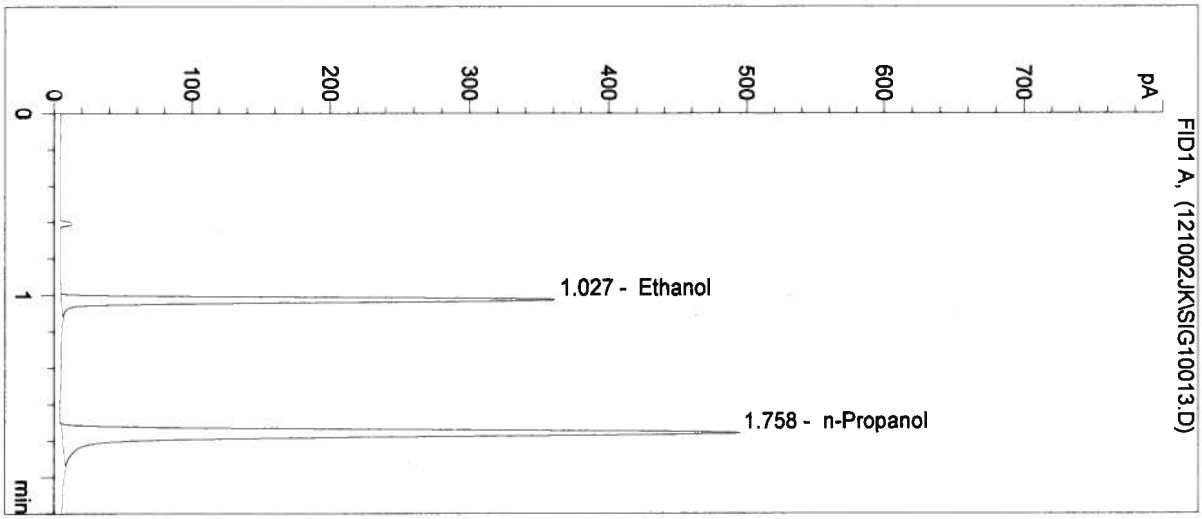


n-Propanol 0.012 g/100mL

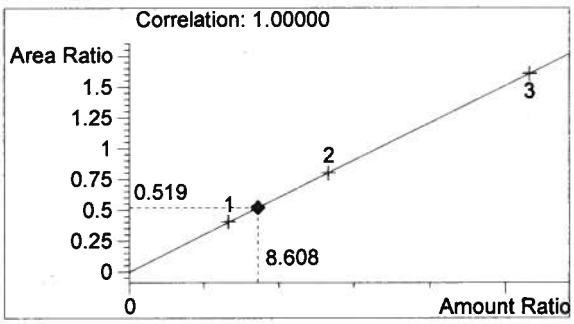
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:48:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

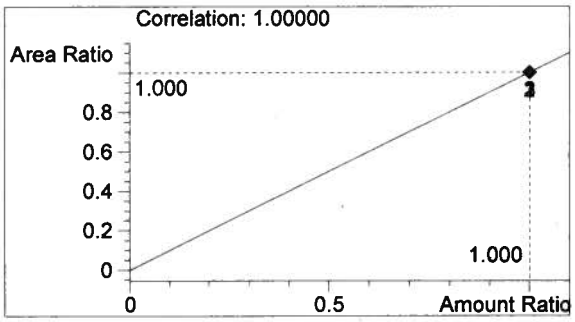
Sample Name: 12043-04
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.027
2	n-Propanol	1357	1.758



Ethanol 0.103 g/100mL

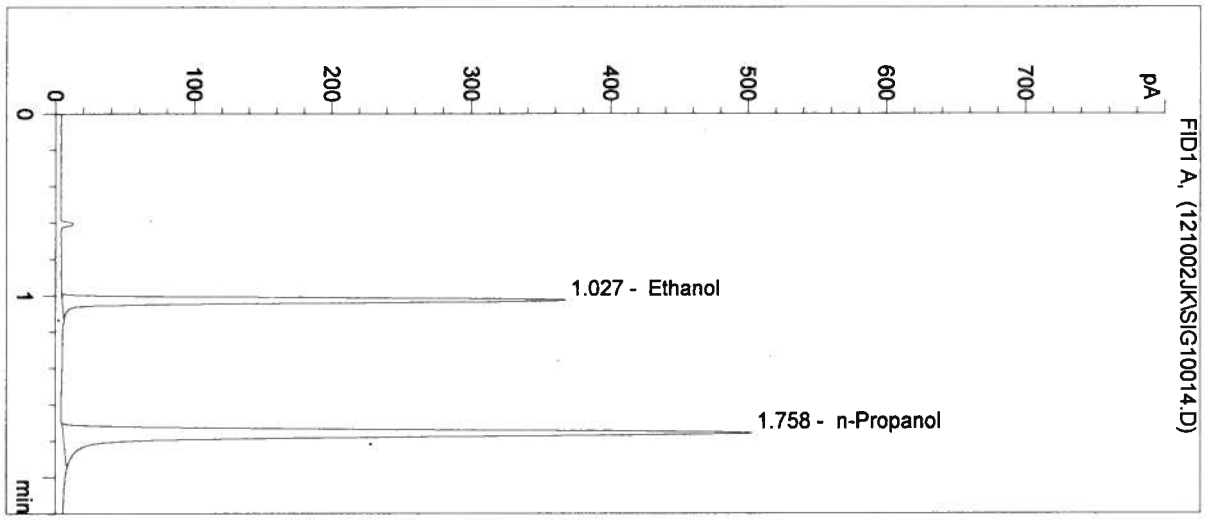


n-Propanol 0.012 g/100mL

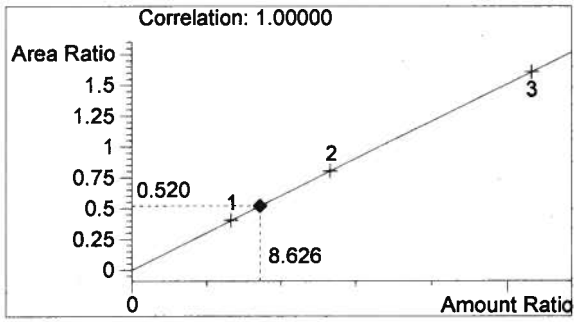
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:51:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

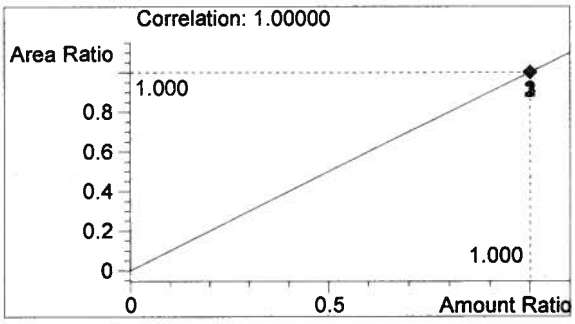
Sample Name: 12043-05
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.027
2	n-Propanol	1378	1.758



Ethanol 0.104 g/100mL

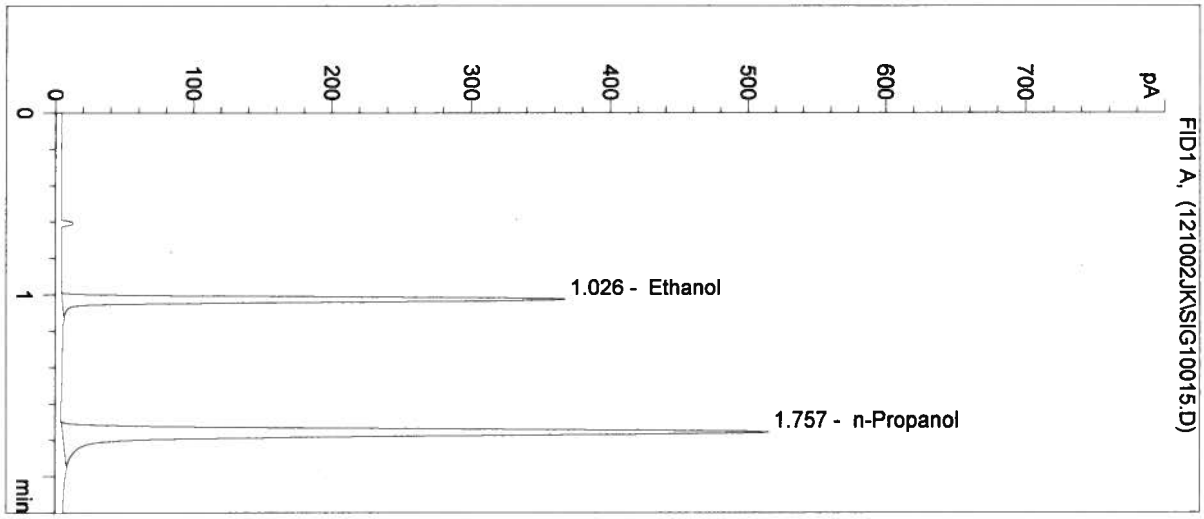


n-Propanol 0.012 g/100mL

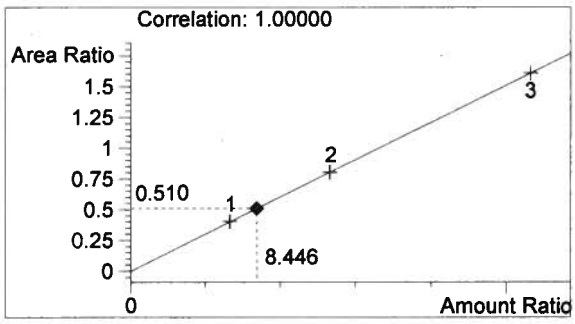
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:55:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

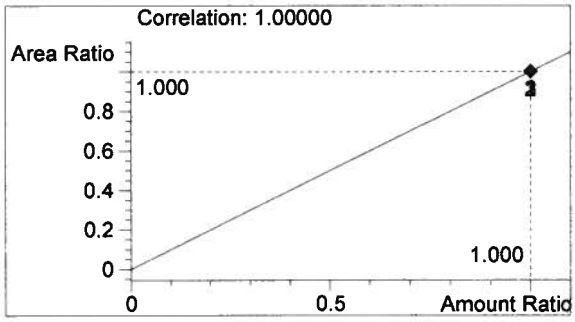
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.026
2	n-Propanol	1423	1.757



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

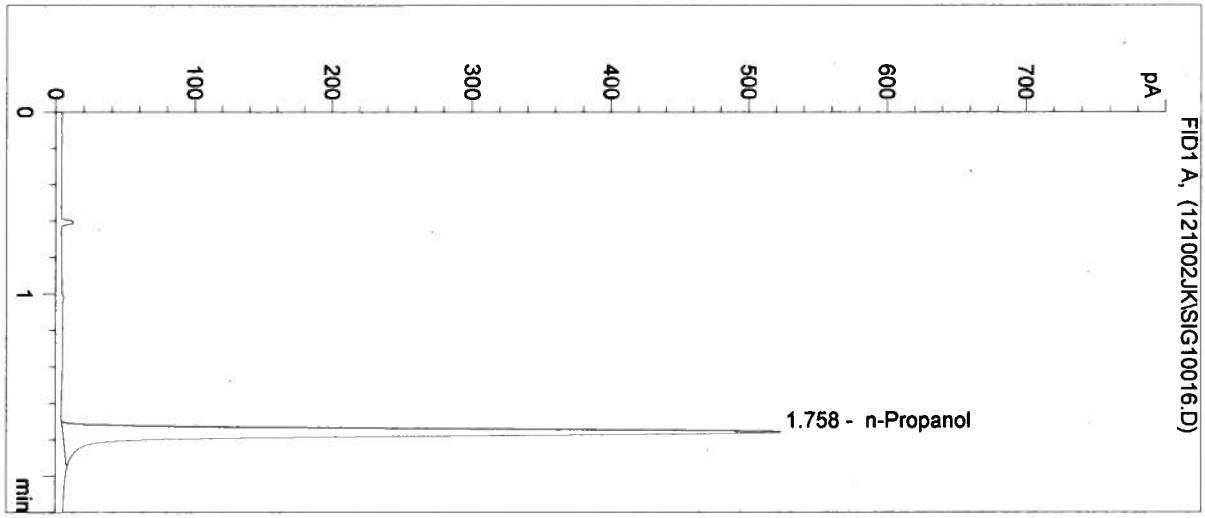
12043

Data File: C:\HPCHEM\2\DATA\121002JK\SIG10015.D

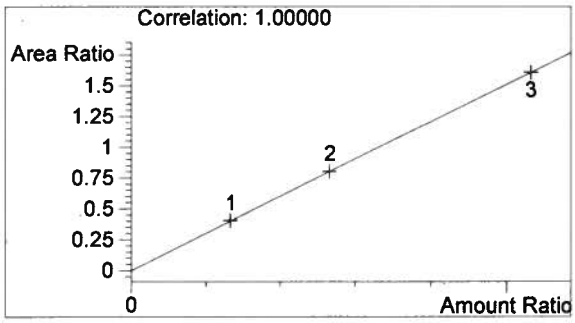
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 9:58:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

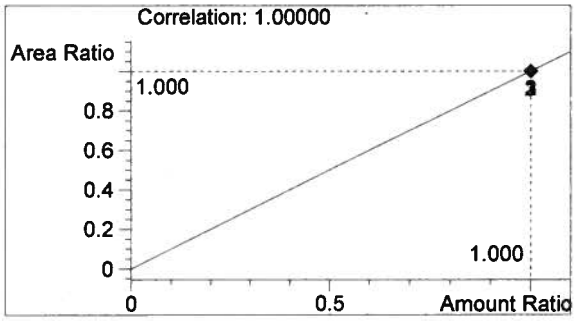
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1446	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

Sequence: C:\HPCHEM\1\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:	121002CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0912-01
Ethanol Calibrator 2, E0912-02
Ethanol Calibrator 3, E0912-03
0.04 Control-Lot#A077459-exp 02/2015
0.10 Control-Lot#A083355-exp 12/2015
0.20 Control-Lot#A084657-exp 02/2016
ISTD Lot#P0812

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 12043 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 12043 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 12043 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 12043 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 12043 #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		

12043

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	

a)

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST3.S

Sequence Table (Back Injector):

No entries - empty table!

12048

121002CJ

CJ

Calibration Table

Calib. Data Modified : Tuesday, October 02, 2012 7:51:18 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	7.98400e-2	551.66833	1.44725e-4	1		Ethanol
		2	1.59780e-1	1114.01245	1.43427e-4			
		3	3.19310e-1	2203.23438	1.44928e-4			
1.758	1	1	1.20000e-2	1369.23108	8.76404e-6	I1		n-Propanol
		2	1.20000e-2	1386.02844	8.65783e-6			
		3	1.20000e-2	1367.83704	8.77297e-6			

Peak Sum Table

No Entries in table

12043

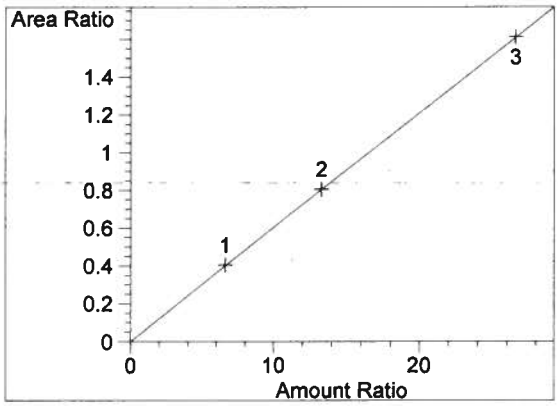
12 1002 CJ

CJ

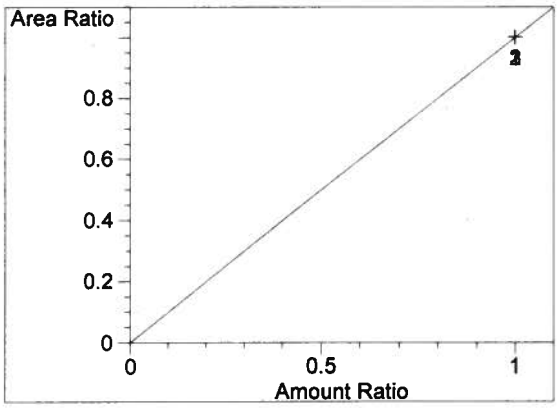
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00141
Formula: y = mx + b
m: 6.05217e-2
b: -3.89094e-4
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

==========

12048

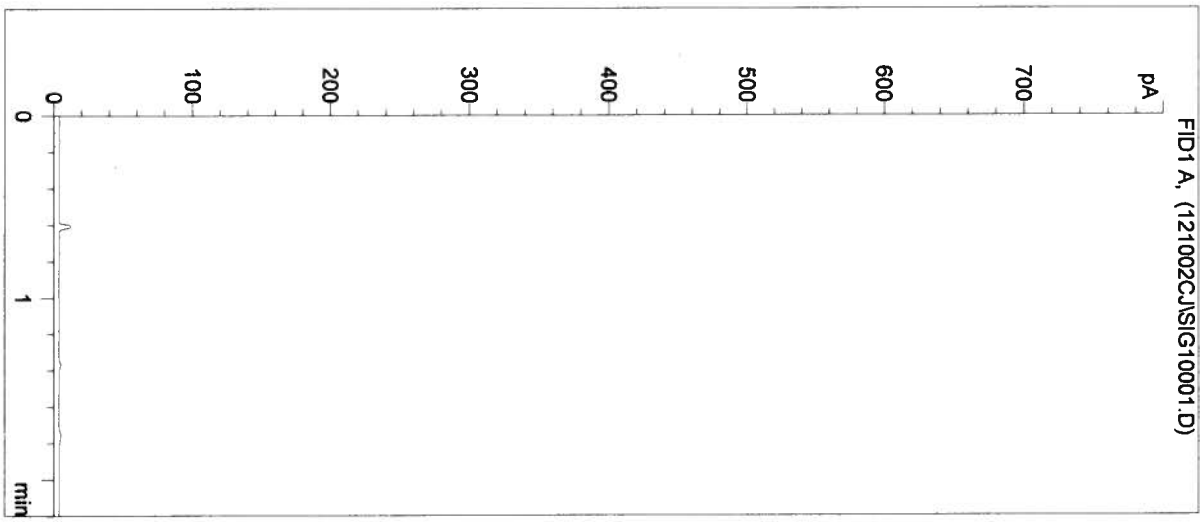
121002CJ

J

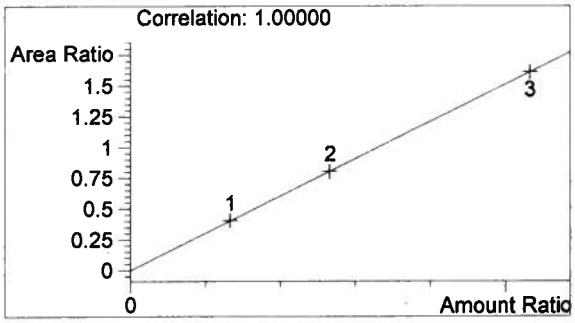
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:39:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

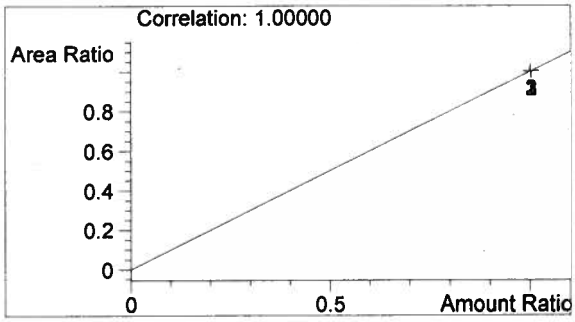
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	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

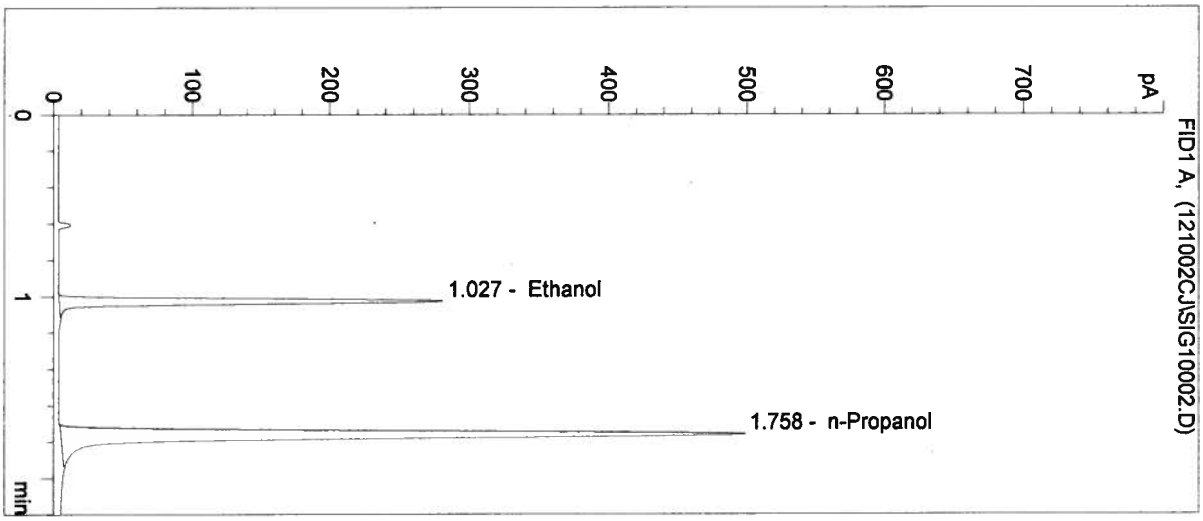
12043

CJ

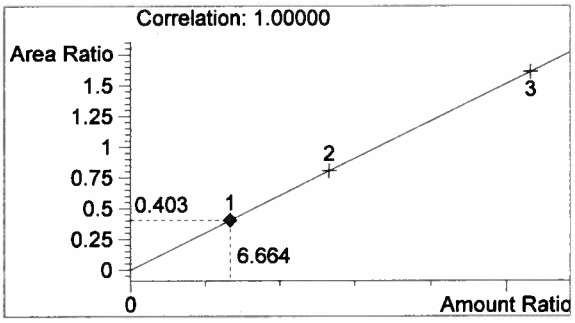
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:42:51 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

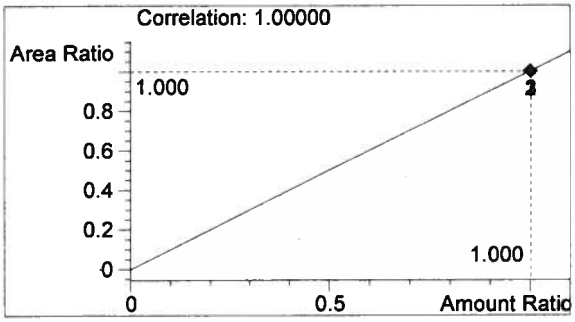
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	552	1.027
2	n-Propanol	1369	1.758



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

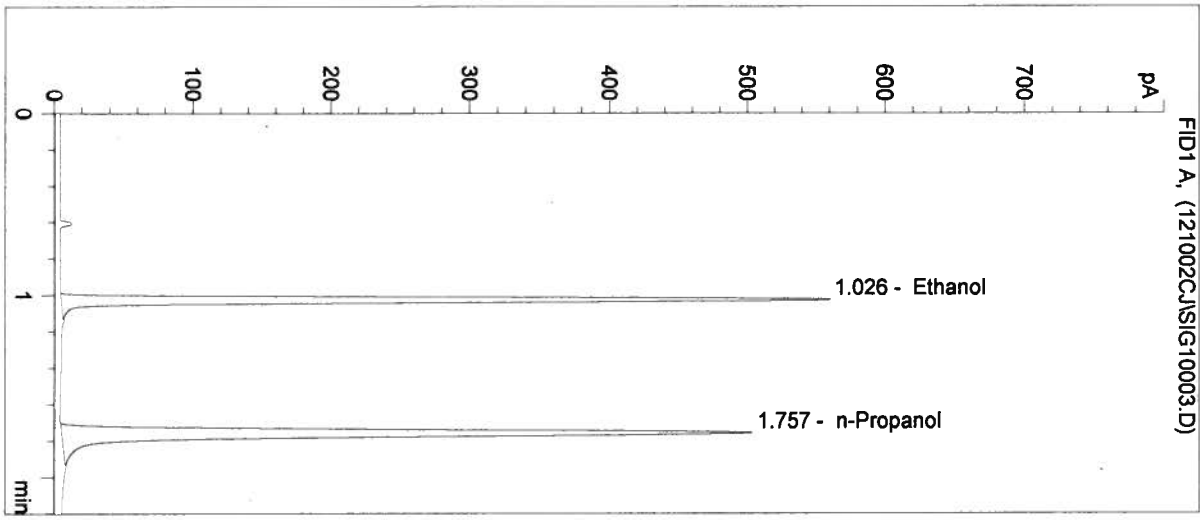
12043

CJ

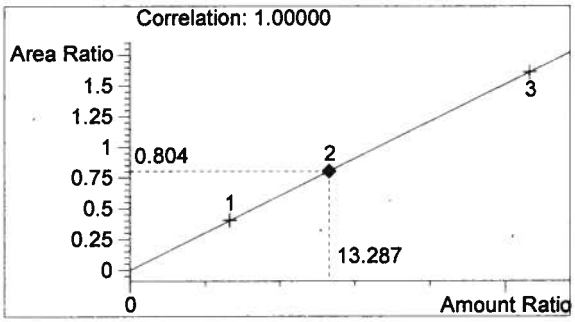
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:45:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

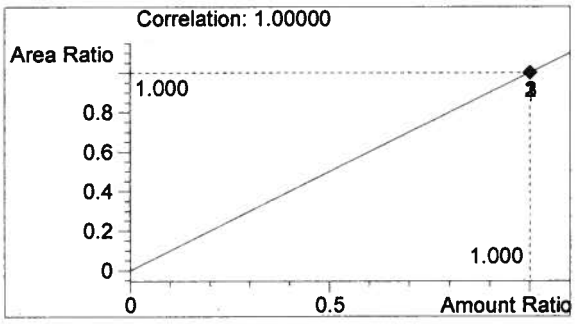
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.026
2	n-Propanol	1386	1.757



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

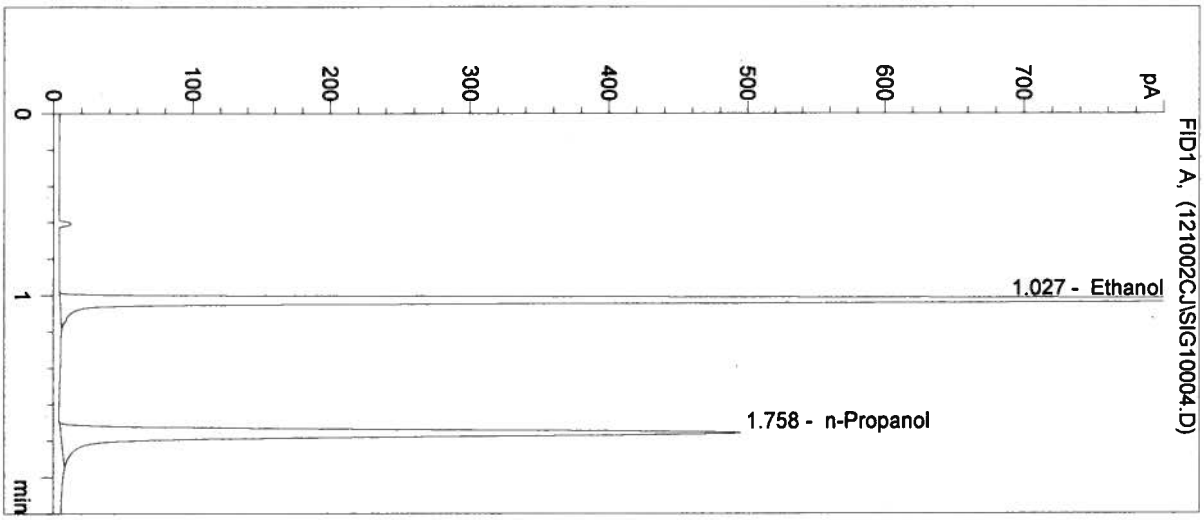
2048

CJ

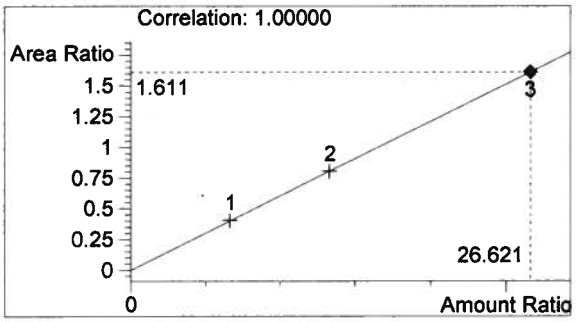
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:49:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

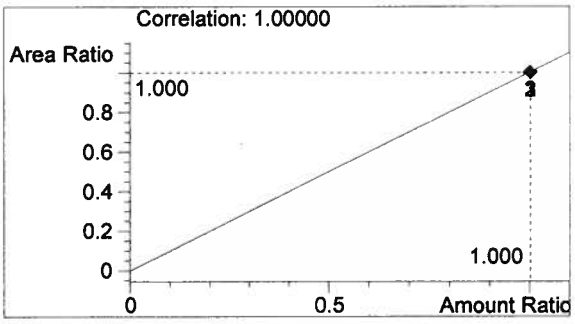
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2203	1.027
2	n-Propanol	1368	1.758



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

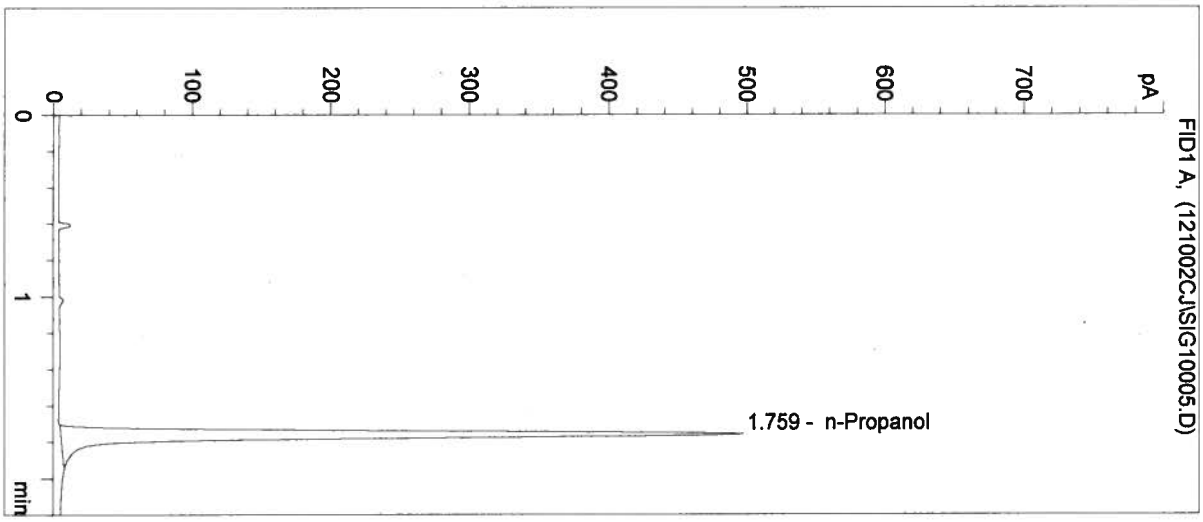
12043

CJ

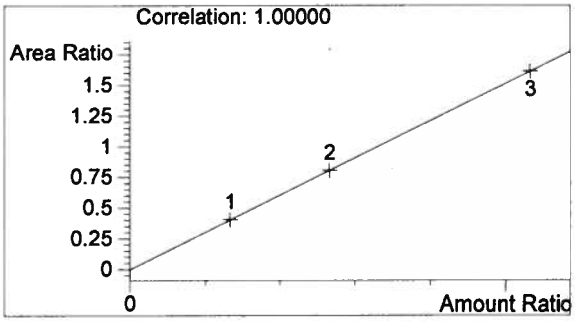
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:52:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

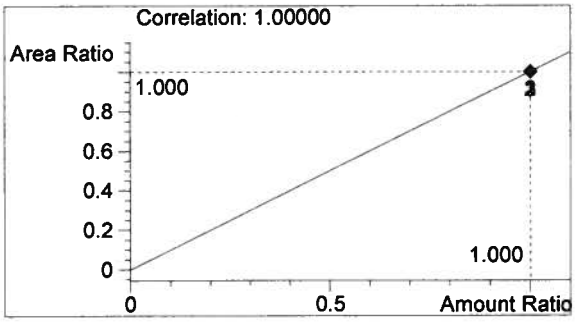
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1369	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

CJ

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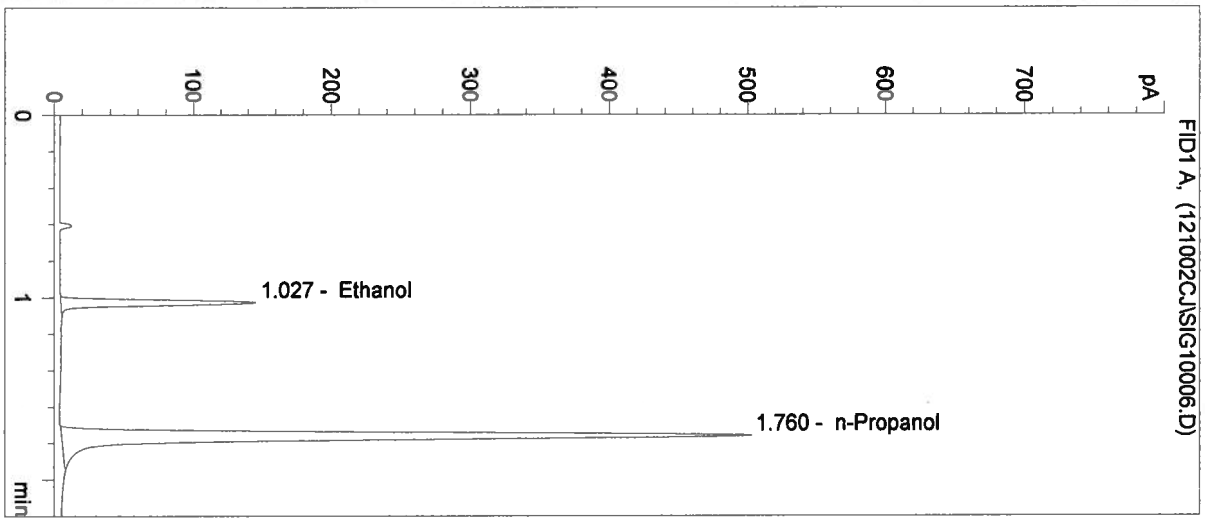
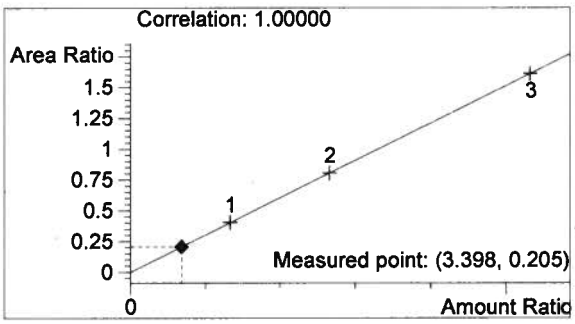
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:55:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

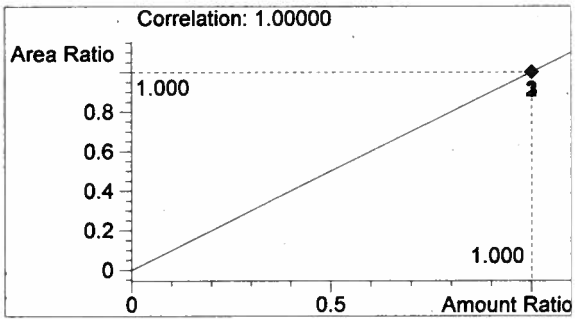
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	285	1.027
2	n-Propanol	1389	1.760



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

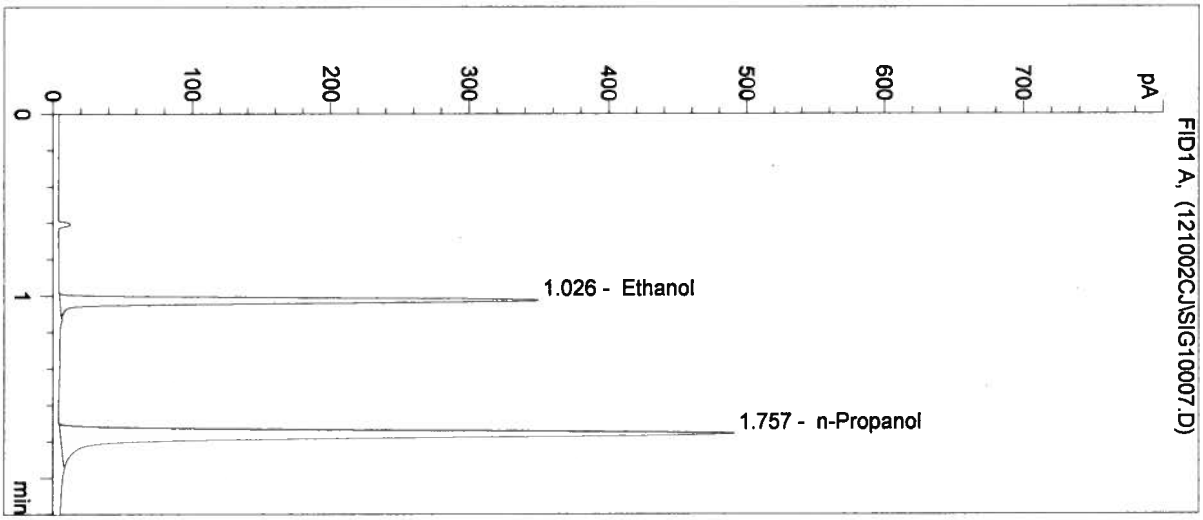
12043

CJ

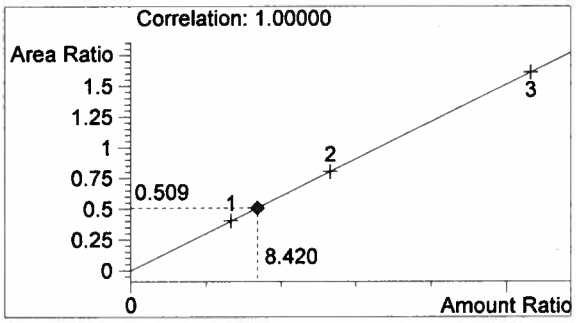
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 7:58:29 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

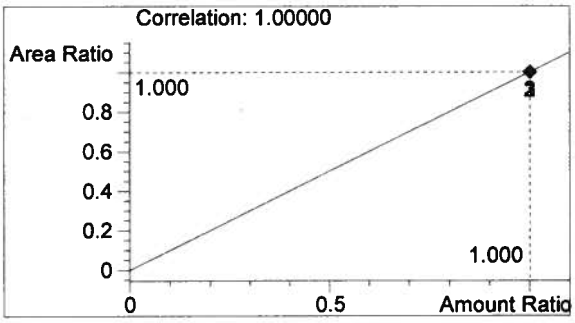
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.026
2	n-Propanol	1358	1.757



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

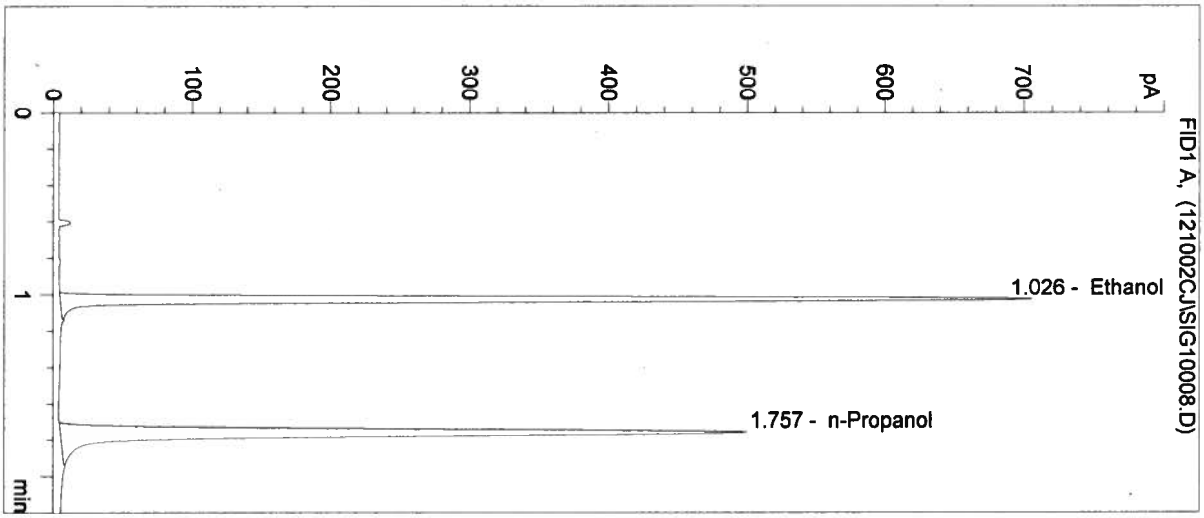
12043

CJ

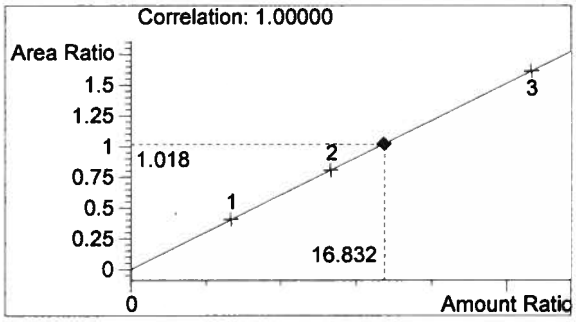
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:01:36 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

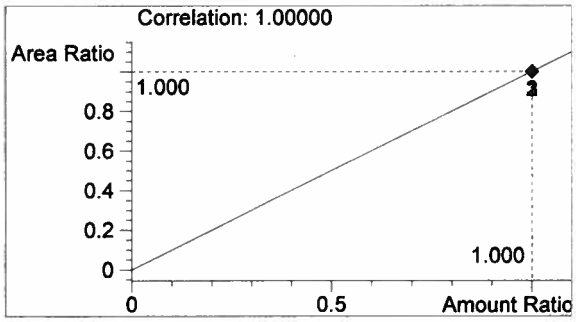
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1402	1.026
2	n-Propanol	1377	1.757



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

12043

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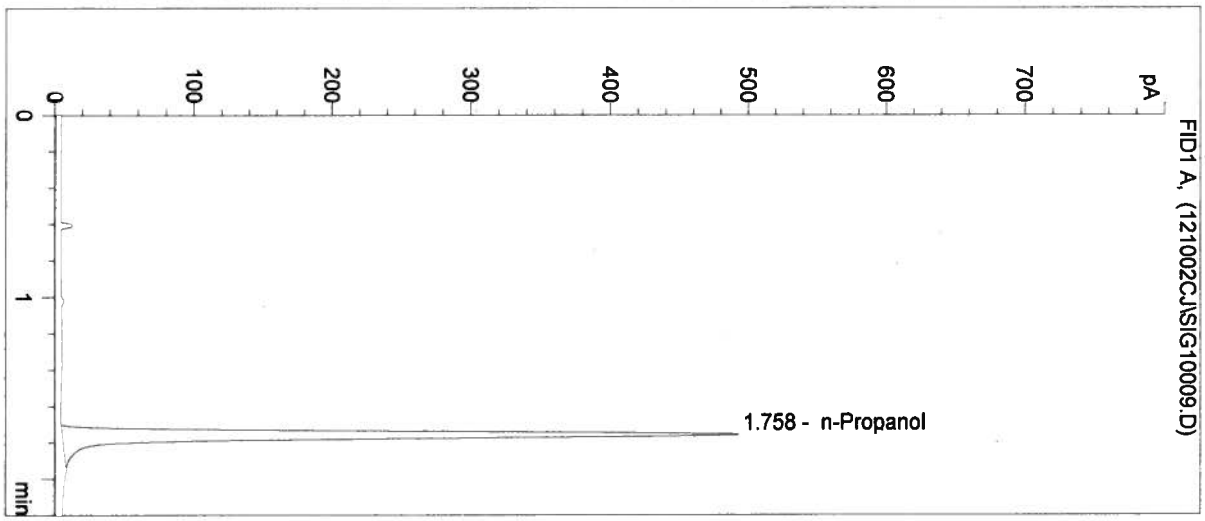
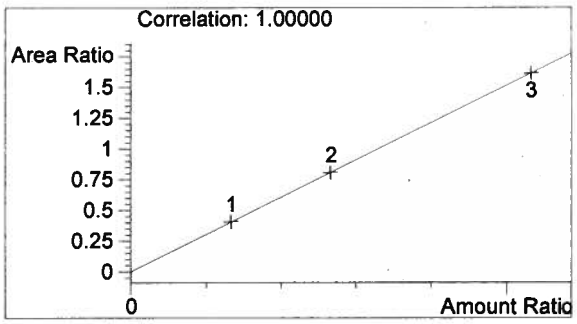
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:04:44 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

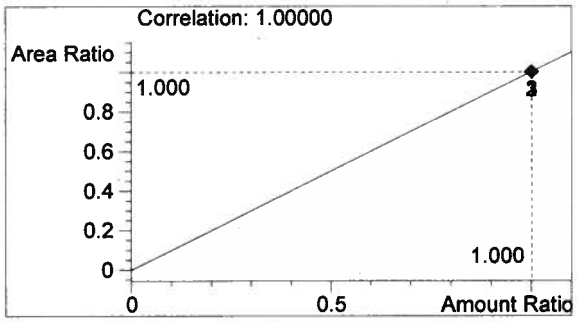
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1360	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

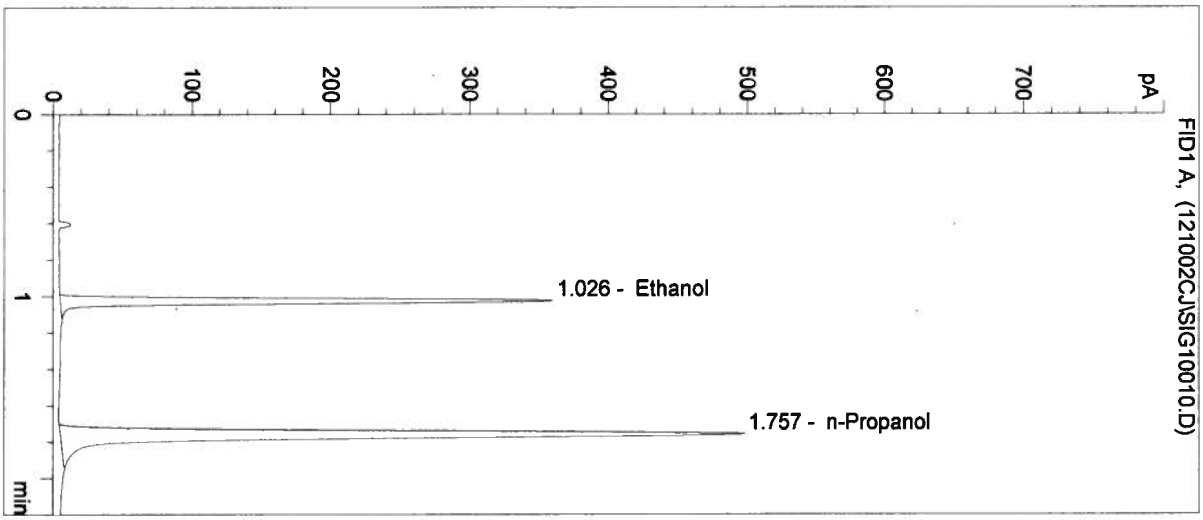
12043

CJ

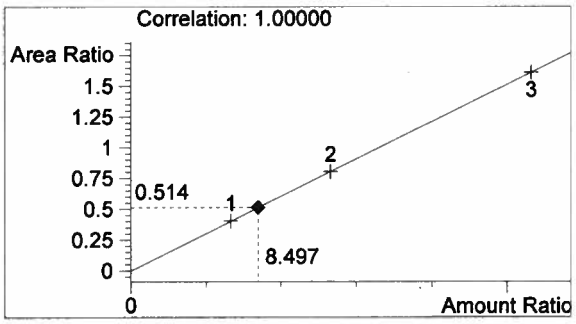
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:07:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

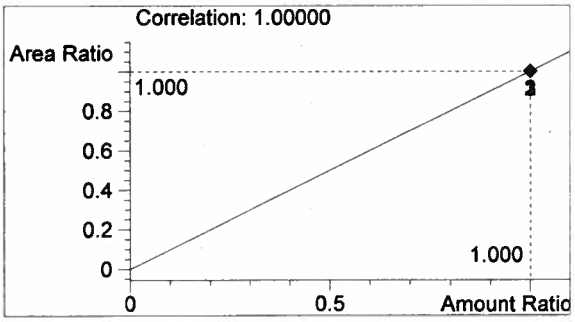
Sample Name: ESS 12043 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.026
2	n-Propanol	1374	1.757



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

C/

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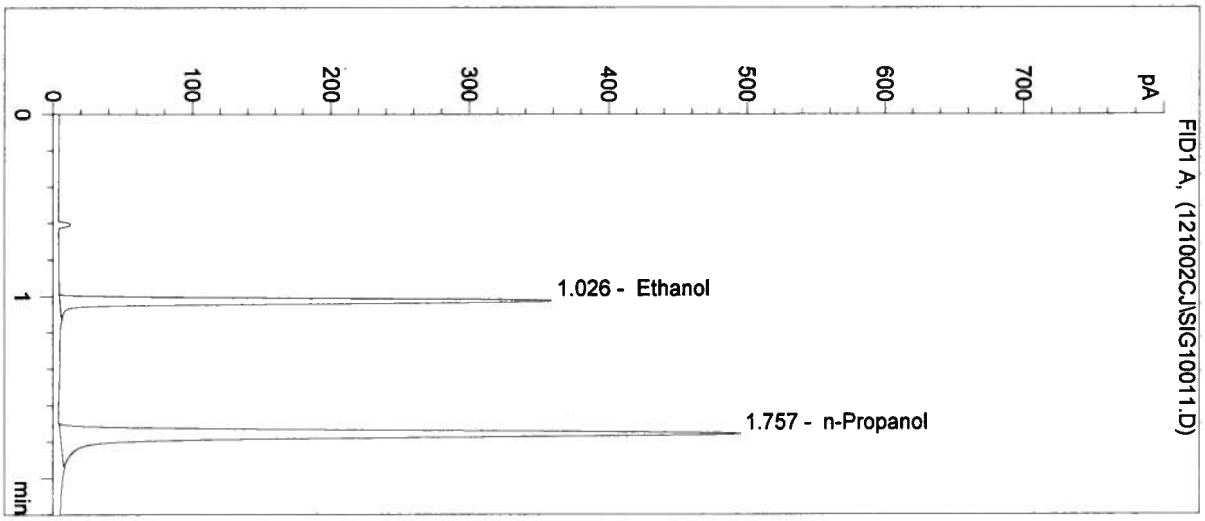
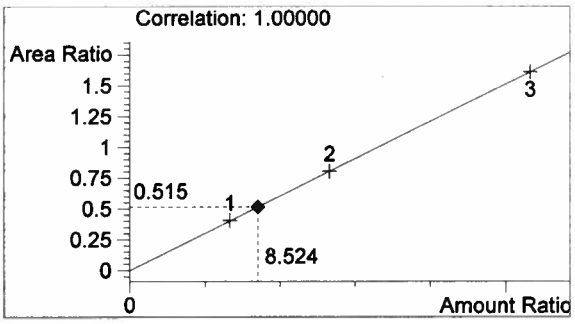
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:10:59 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

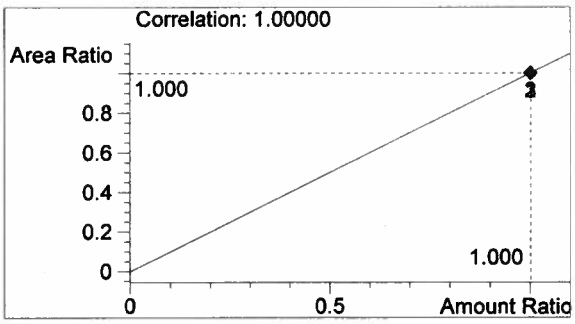
Sample Name: ESS 12043 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.026
2	n-Propanol	1364	1.757



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

CJ

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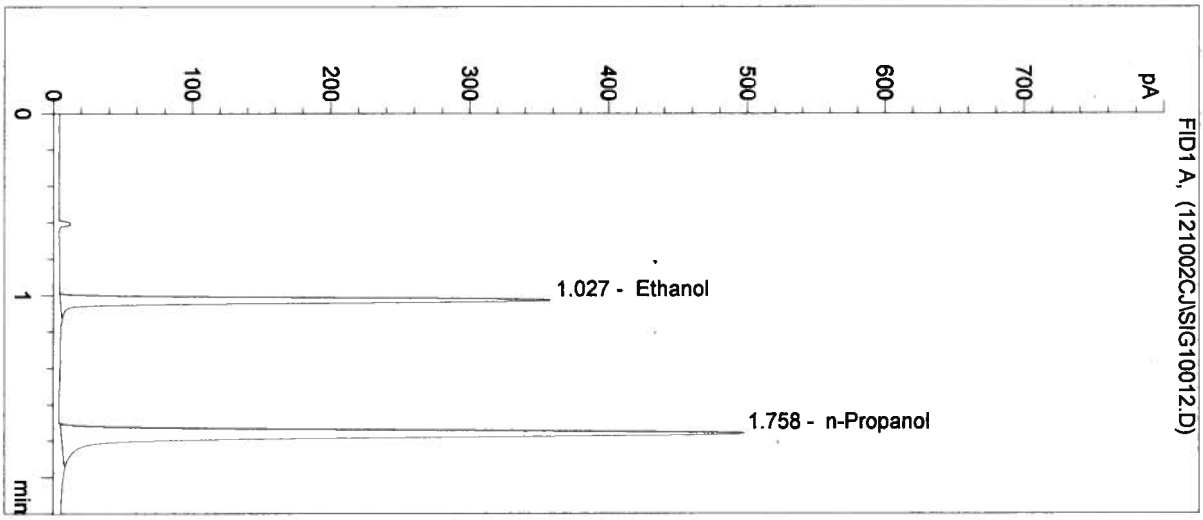
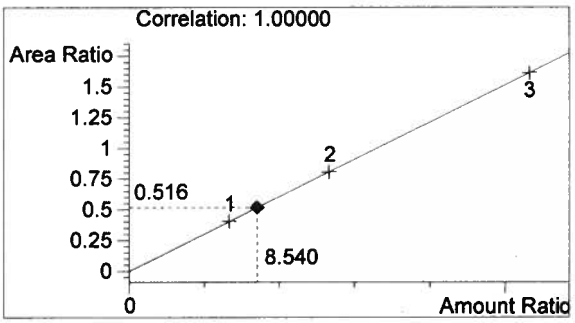
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:14:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

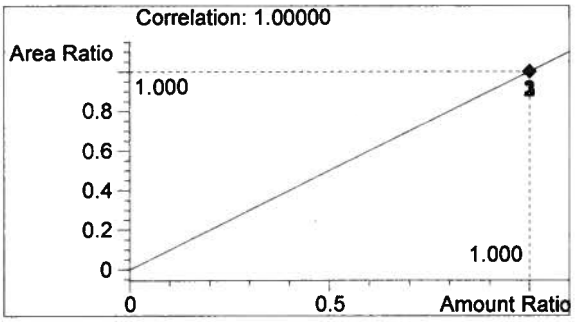
Sample Name: ESS 12043 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1370	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

CJ

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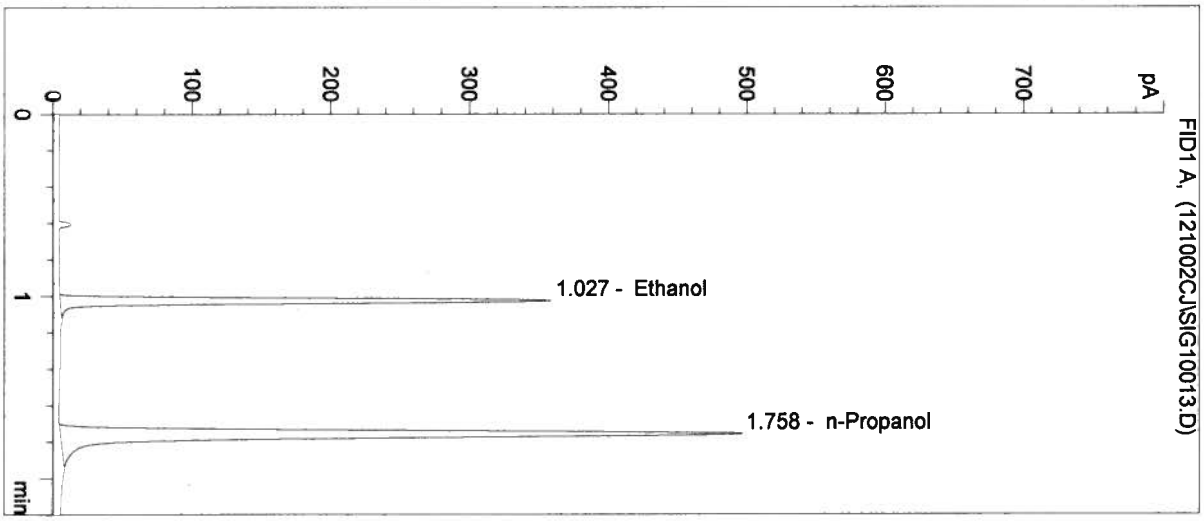
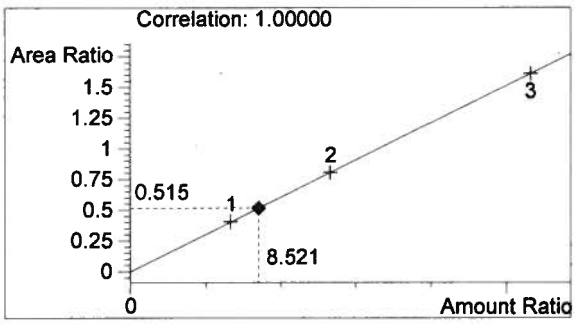
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:17:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

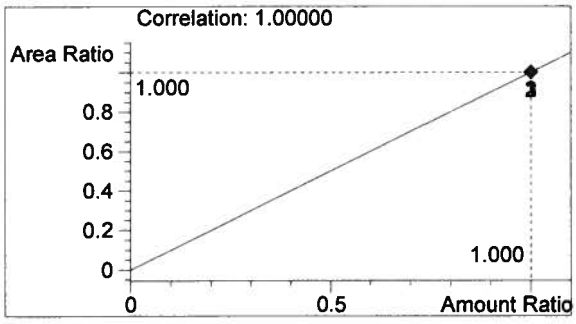
Sample Name: ESS 12043 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.027
2	n-Propanol	1370	1.758



Ethanol 0.102 g/100mL



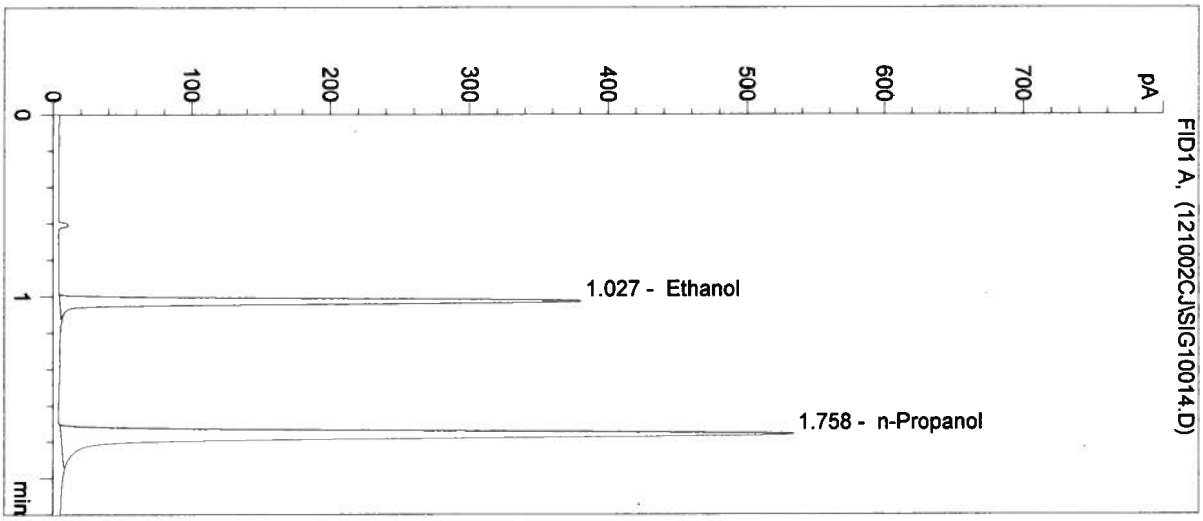
n-Propanol 0.012 g/100mL

CJ

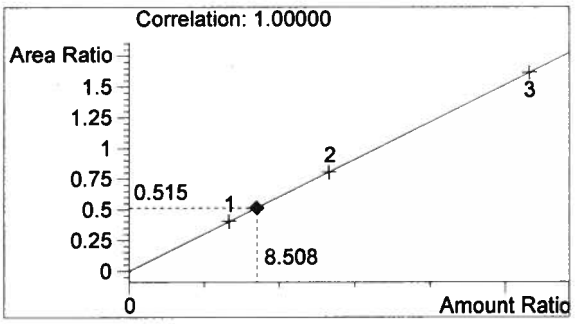
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:20:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

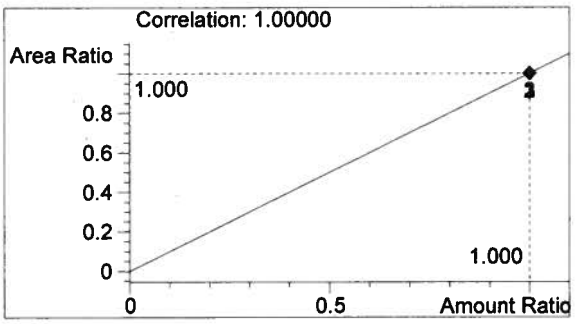
Sample Name: ESS 12043 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	754	1.027
2	n-Propanol	1465	1.758



Ethanol 0.102 g/100mL



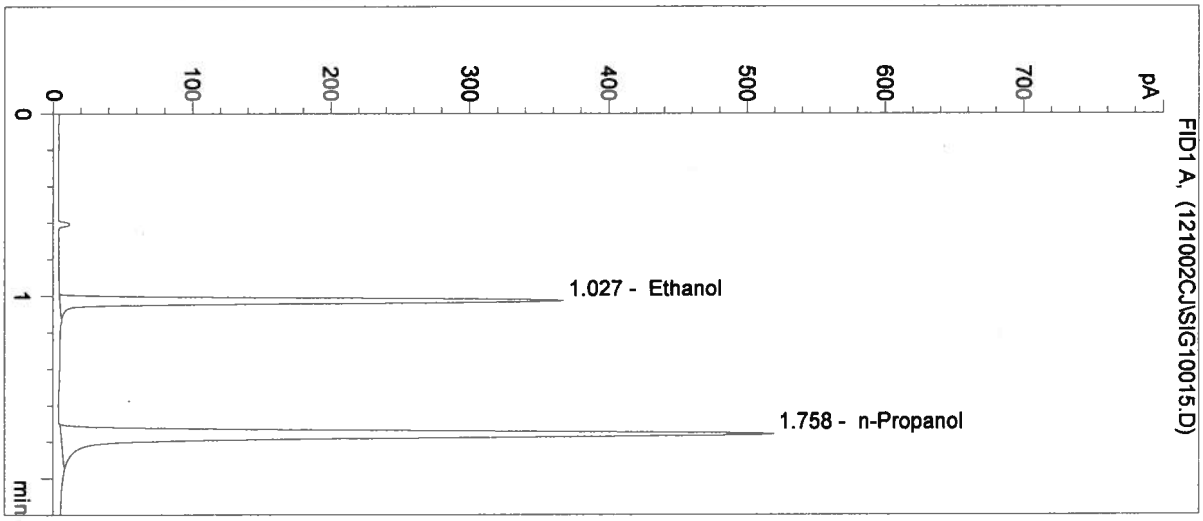
n-Propanol 0.012 g/100mL

CJ

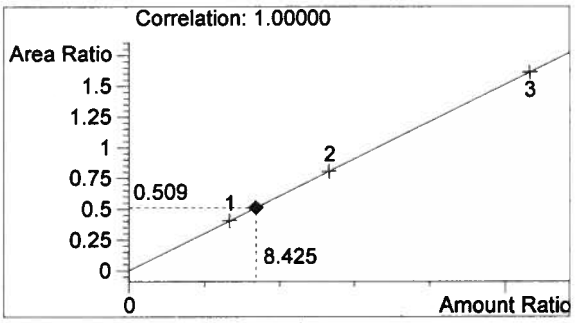
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:23:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

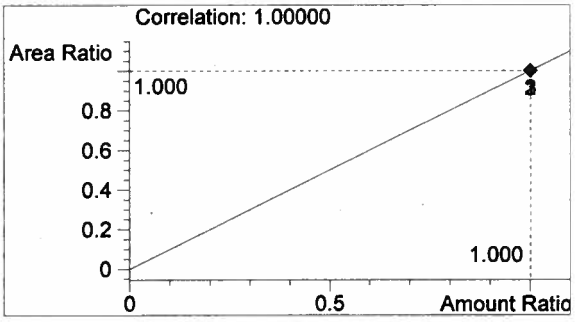
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.027
2	n-Propanol	1432	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

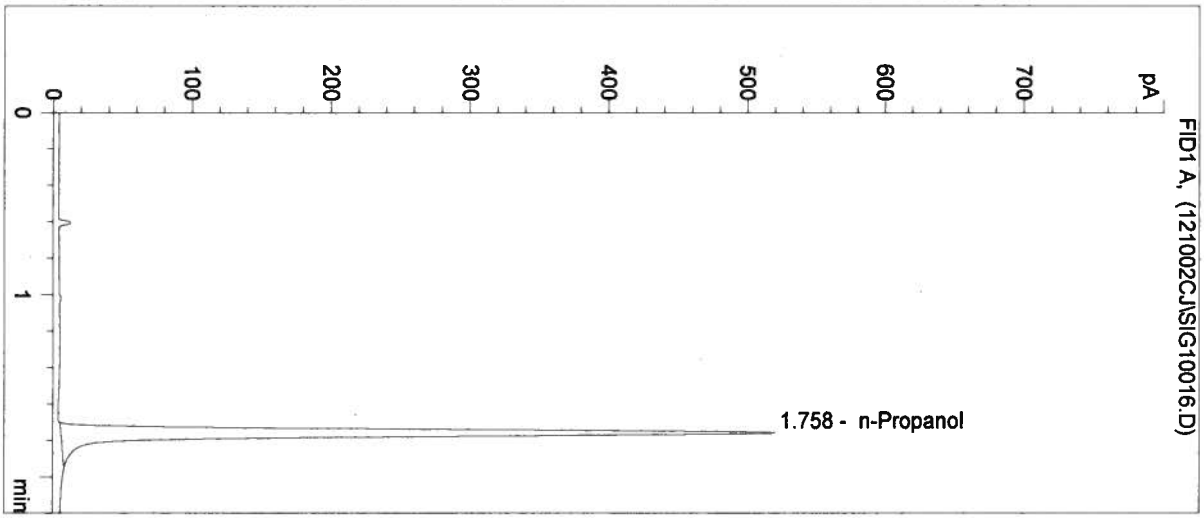
12043

CJ

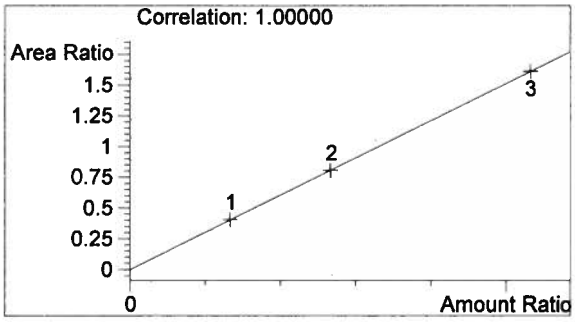
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/2/2012 8:26:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

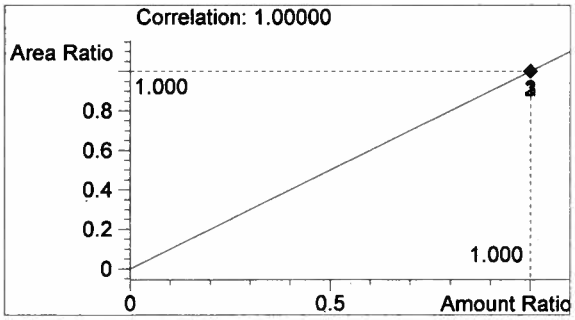
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1432	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

CJ

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	121004BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment: BEO 10·8·2012

Cal 1 - Lot: E0612-01 - exp ~~9/25/2012~~ 3/6/2013
Cal 2 - Lot: E0612-02 - exp ~~9/25/2012~~ 3/6/2013
Cal 3 - Lot: E0612-03 - exp ~~9/25/2012~~ 3/6/2013
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P0812

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)-BO	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)-BO	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)-BO	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		
10	Vial 10	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2 (0.10)-BO	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC3	1	Ctrl Samp		

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Calibration Part:

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

BEO

Sequence: C:\HPCHEM\1\SEQUENCE\BOEXSTD3.S

Sequence Table (Back Injector):

No entries - empty table!

12043

BEO

Calibration Table

Calib. Data Modified : Thursday, October 04, 2012 10:23:42 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	7.98400e-2	568.38409	1.40468e-4		1	Ethanol
		2	1.59780e-1	1100.51050	1.45187e-4			
		3	3.19310e-1	2236.00171	1.42804e-4			
1.761	1	1	1.20000e-2	1370.29126	8.75726e-6		I1	n-Propanol
		2	1.20000e-2	1331.16992	9.01463e-6			
		3	1.20000e-2	1349.87952	8.88968e-6			

Peak Sum Table

No Entries in table

12048

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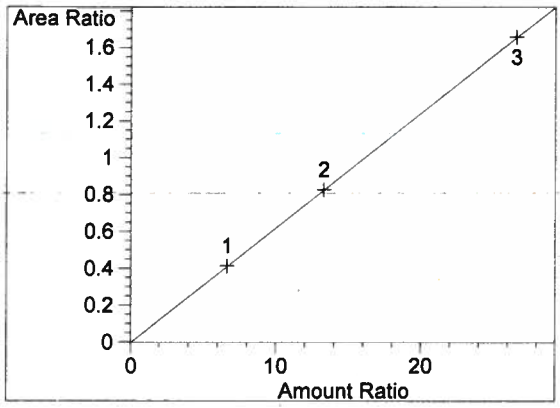
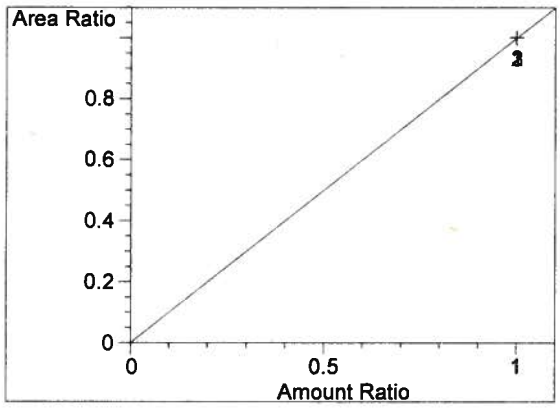
Calibration Curves

==========



Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00146
Formula: y = mx + b
m: 6.22337e-2
b: -1.83005e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.761
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

==========

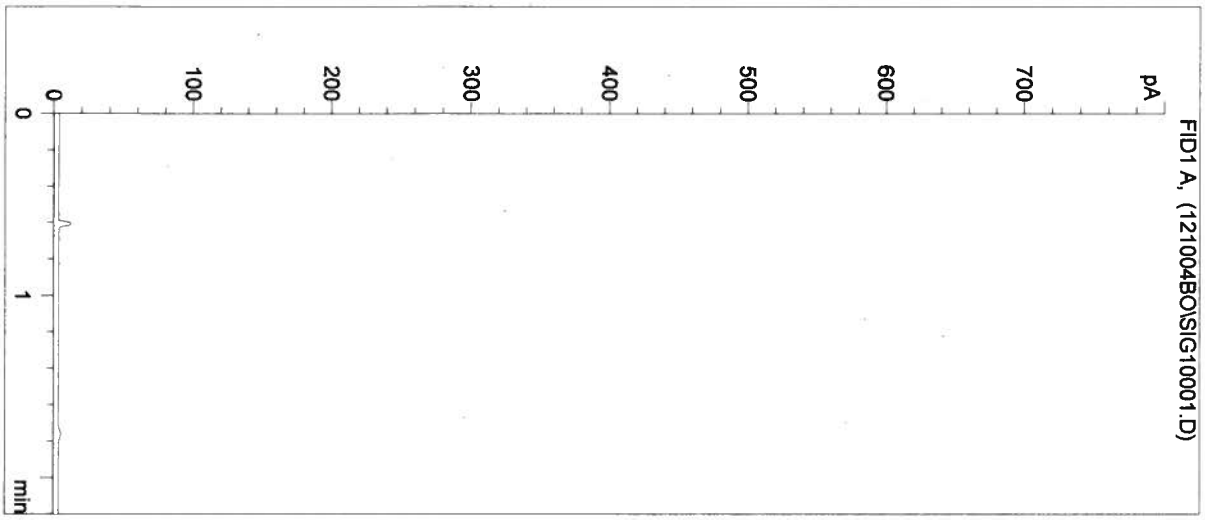
12043

BWO

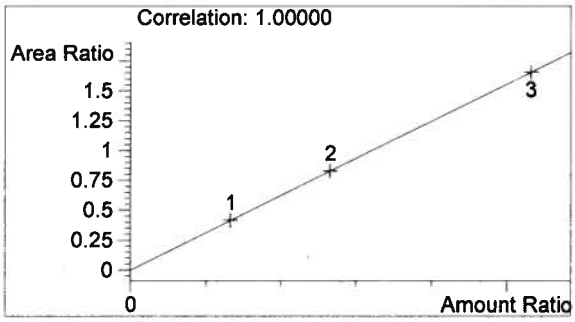
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:12:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

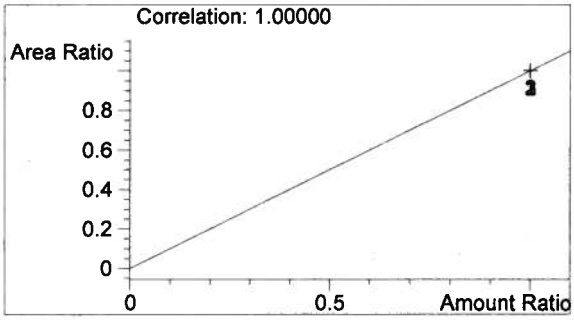
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12043

BW

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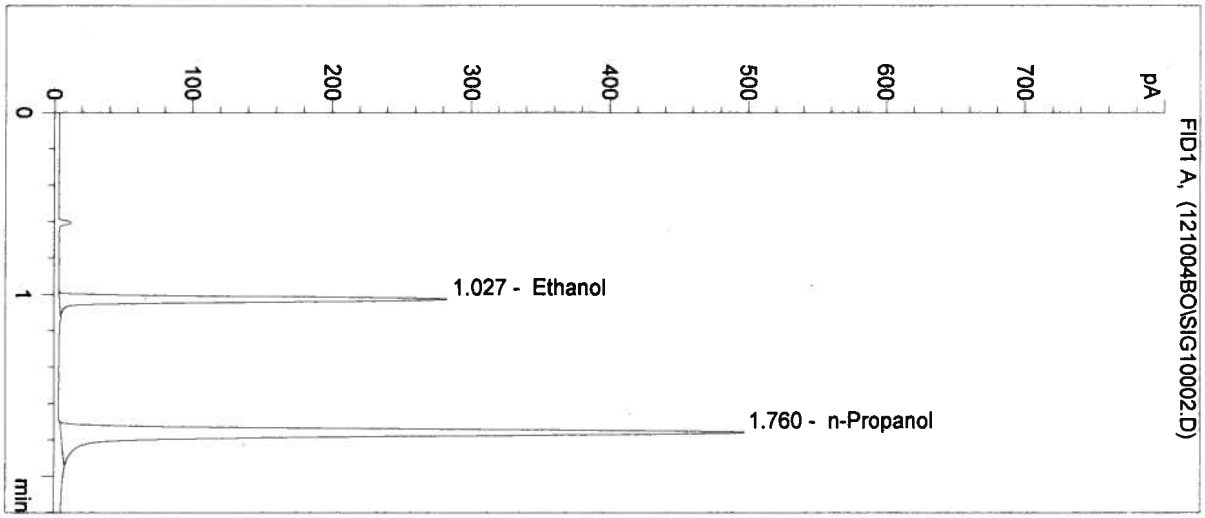
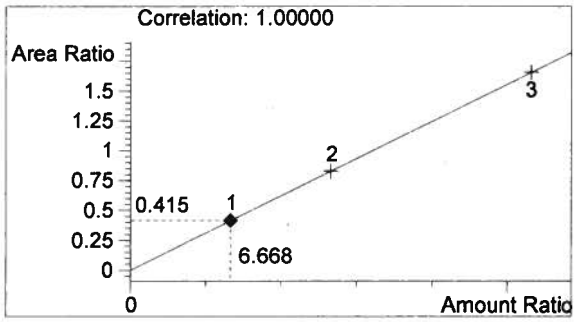
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:15:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100 mL

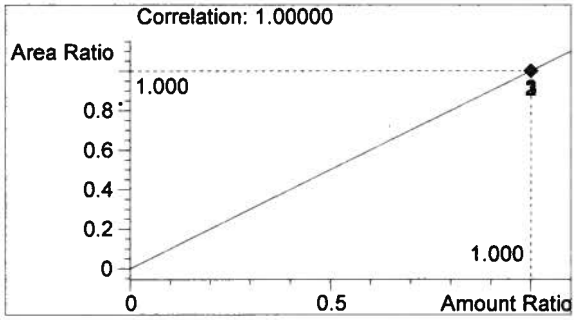
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	568	1.027
2	n-Propanol	1370	1.760



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12043

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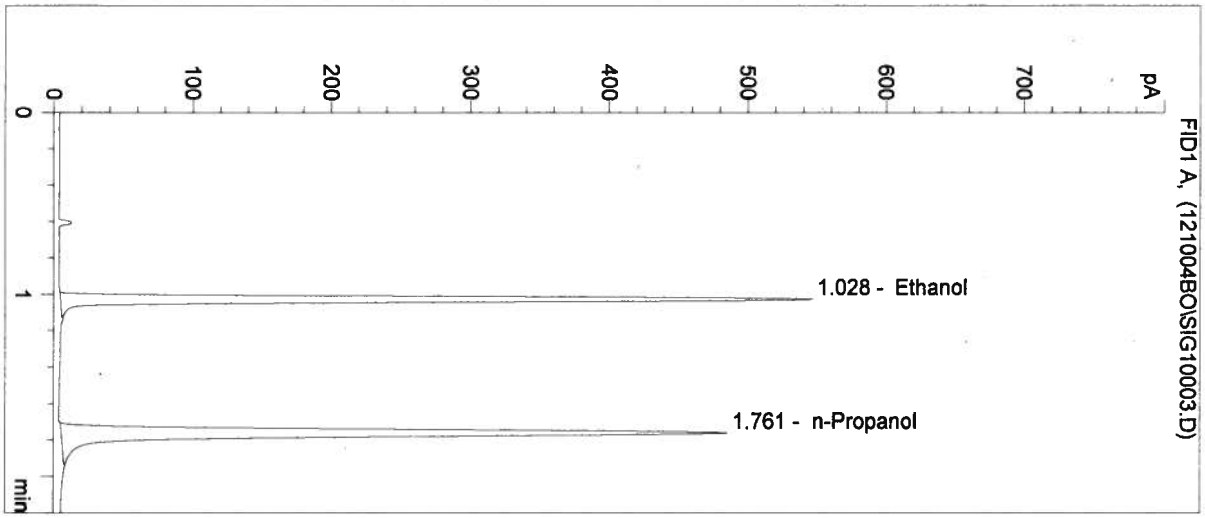
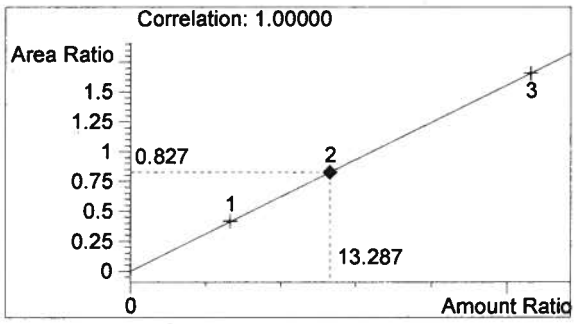
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:18:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2 0.158 g/100 mL

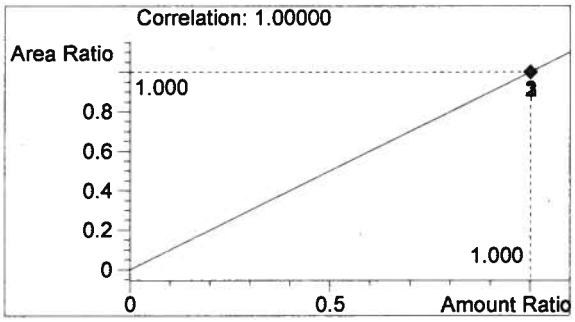
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1101	1.028
2	n-Propanol	1331	1.761



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

12043

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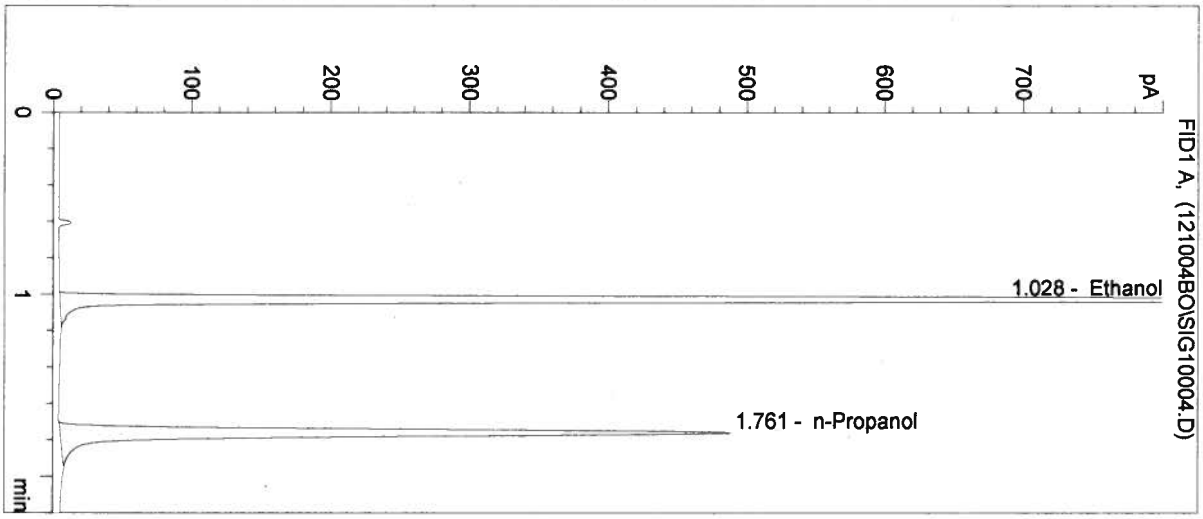
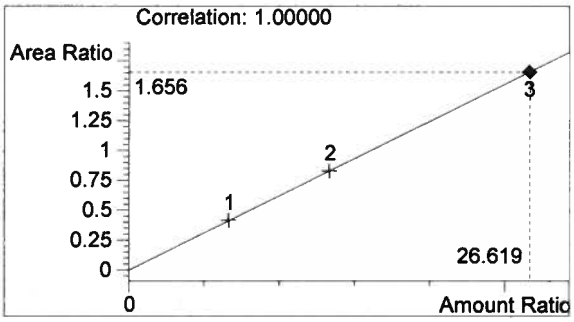
Inj. Date: 10/4/2012 10:21:30 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100 mL

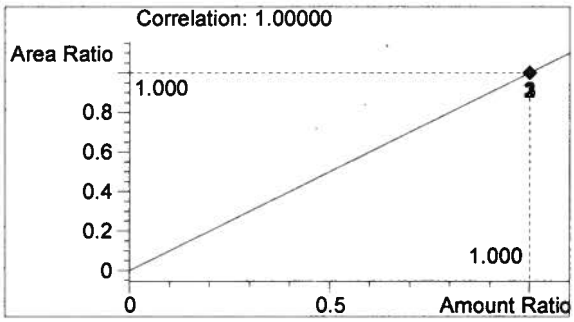
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2236	1.028
2	n-Propanol	1350	1.761



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12043

BW

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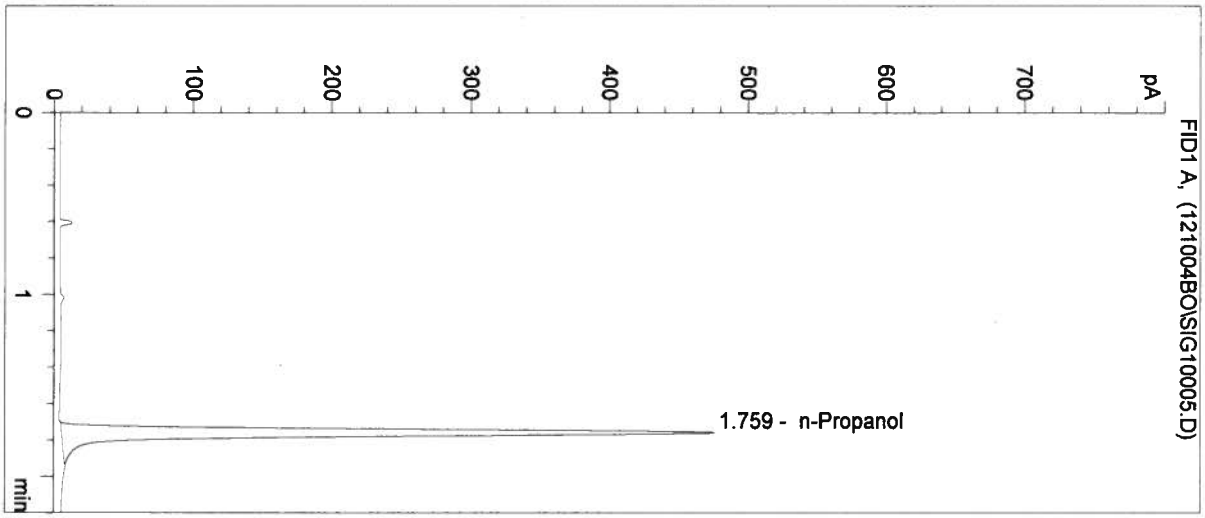
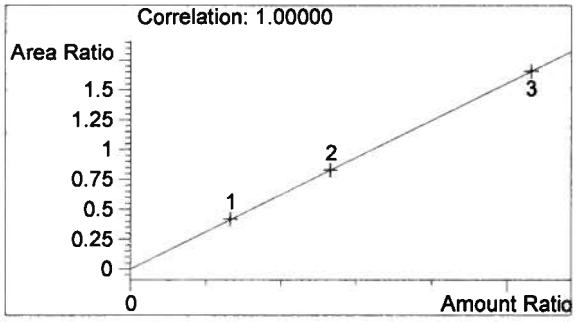
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:24:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

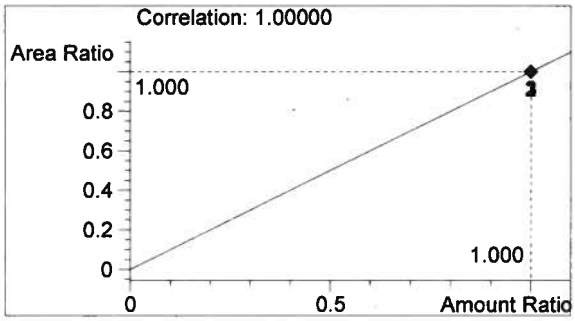
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1311	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

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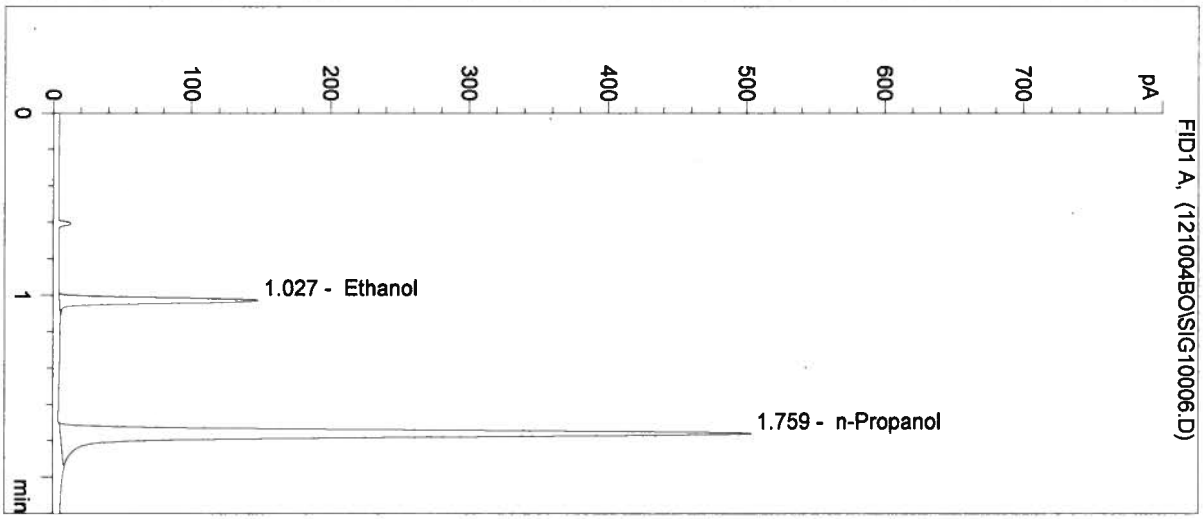
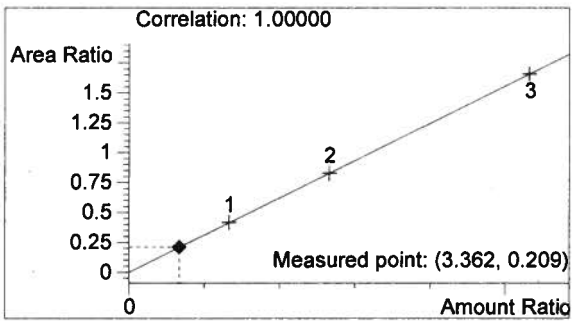
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:27:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100 mL

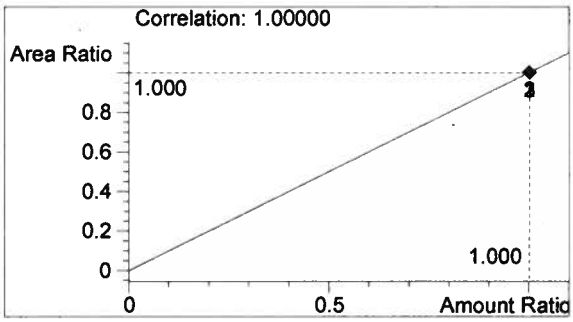
Sample Name: CTRL 1 (0.04)-BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	290	1.027
2	n-Propanol	1389	1.759



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12043

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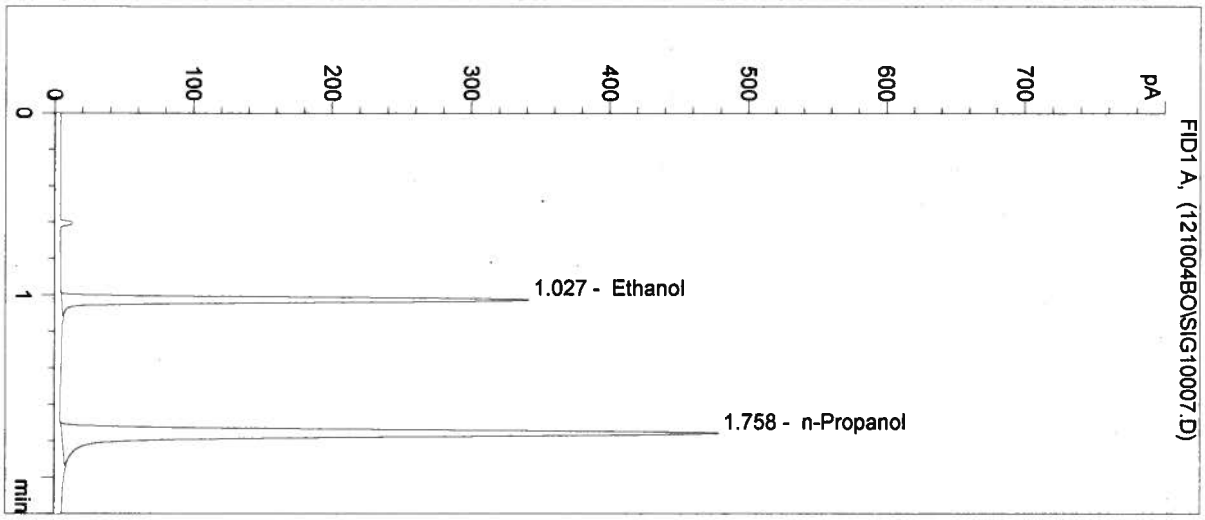
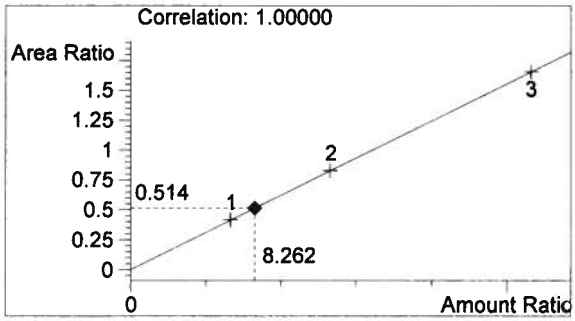
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:30:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

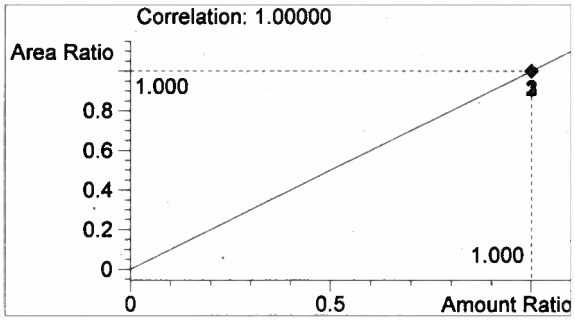
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	677	1.027
2	n-Propanol	1318	1.758



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

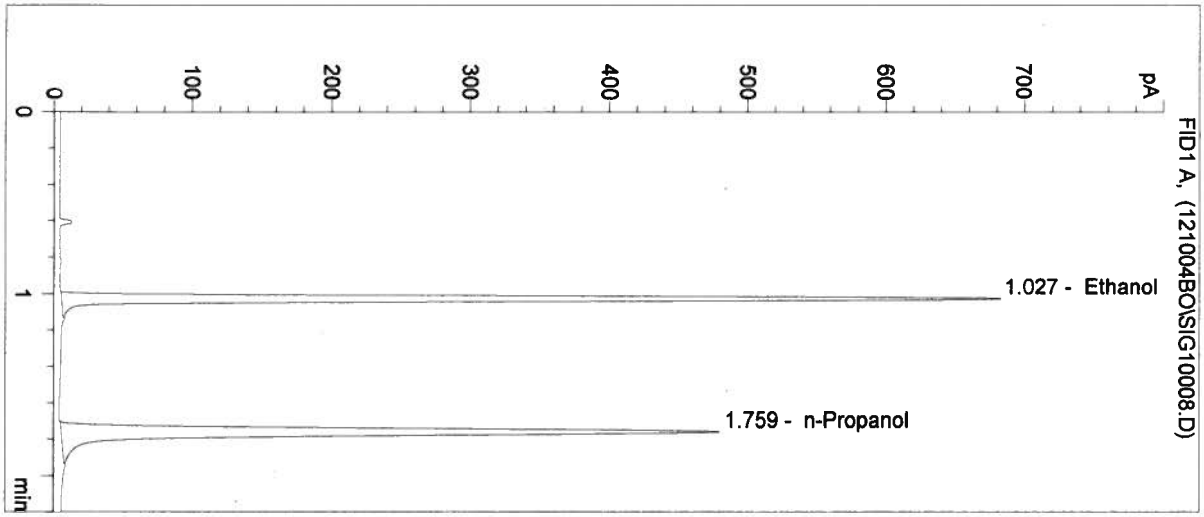
12043

BW

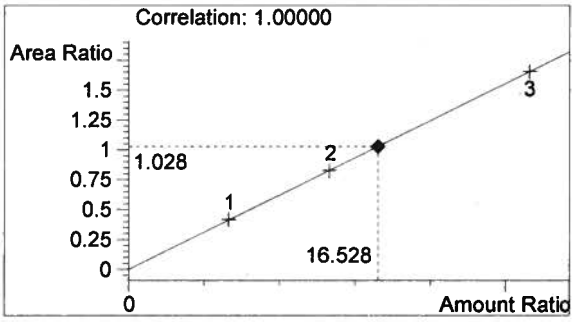
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:34:00 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100 mL

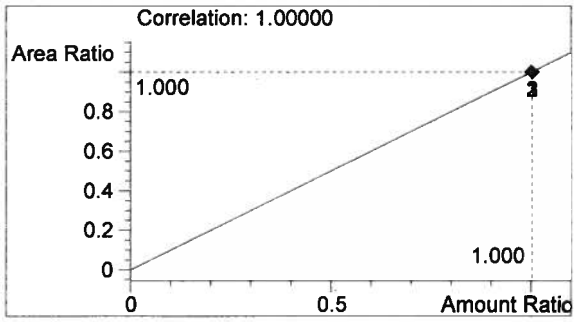
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1360	1.027
2	n-Propanol	1323	1.759



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

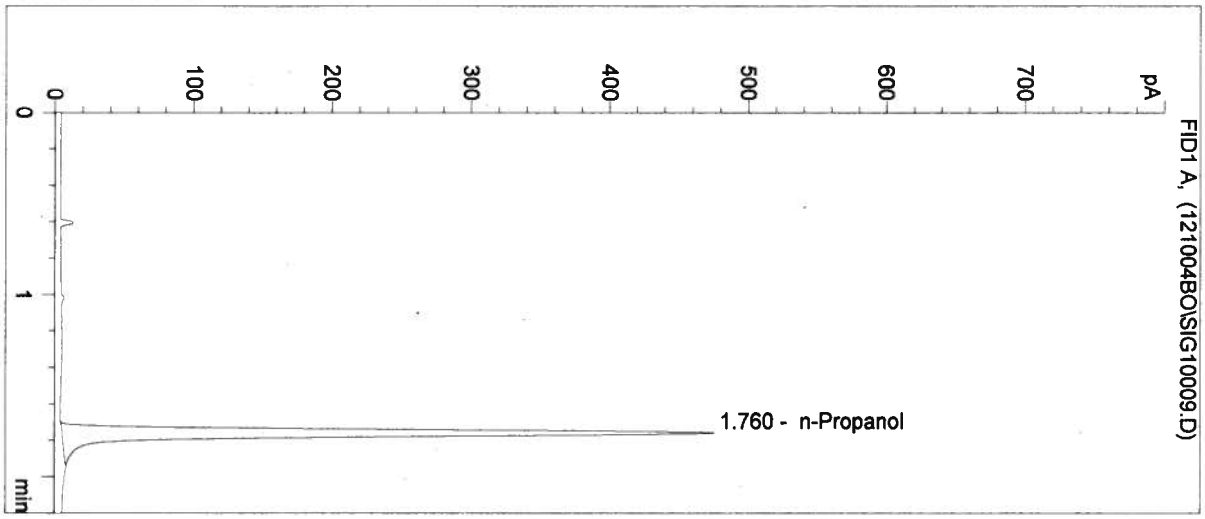
12043

BW

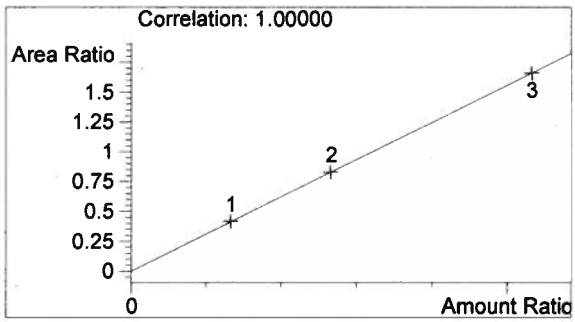
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:37:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

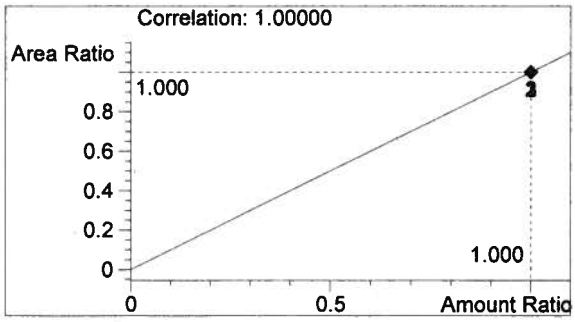
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1311	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

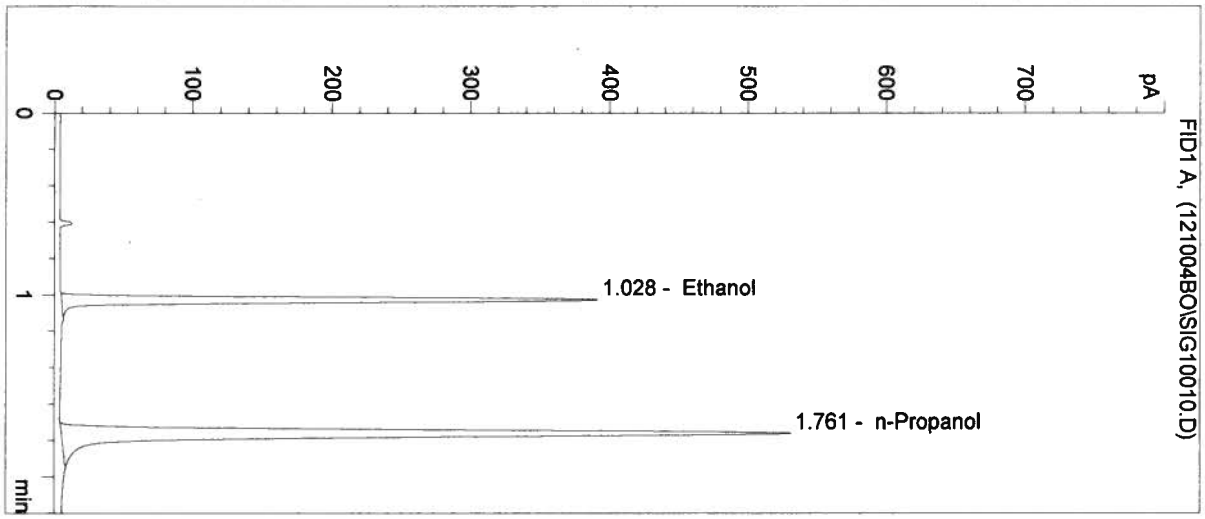
12043

BW

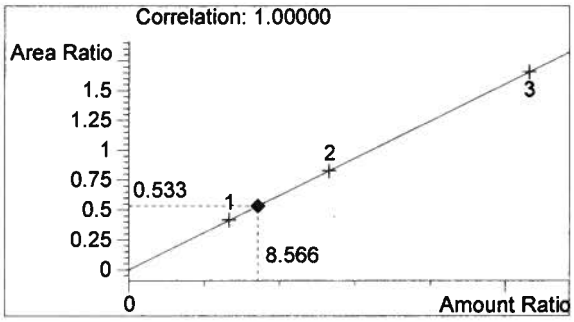
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:40:16 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

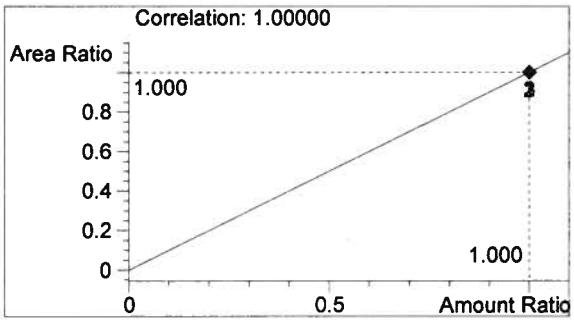
Sample Name: 12043 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	781	1.028
2	n-Propanol	1465	1.761



Ethanol 0.103 g/100mL



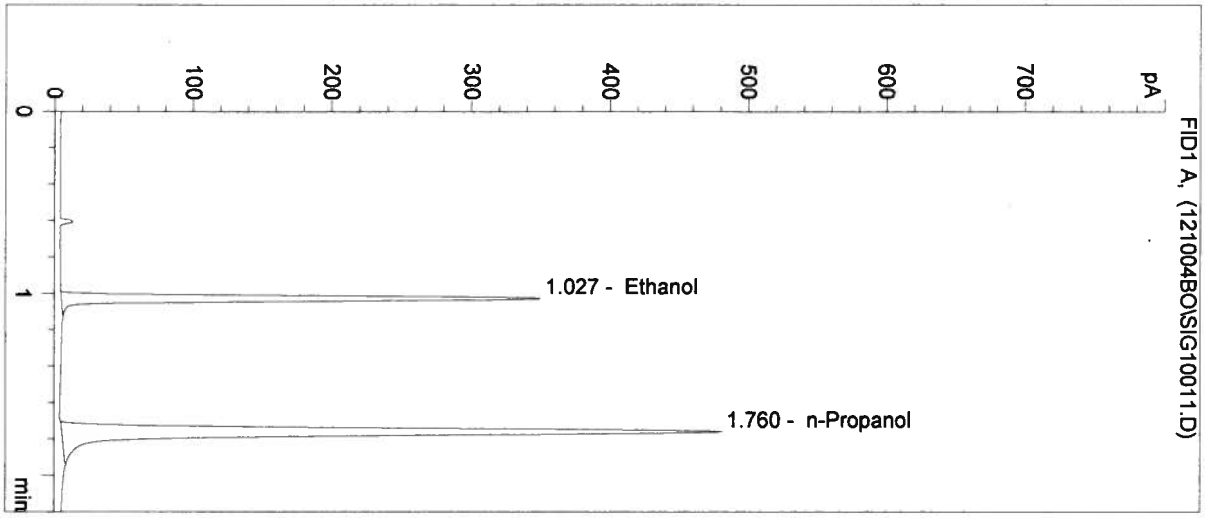
n-Propanol 0.012 g/100mL

BEO

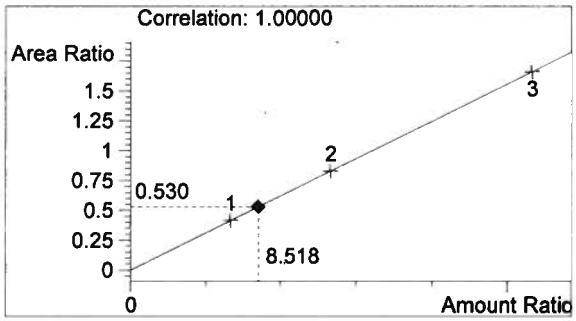
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:43:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

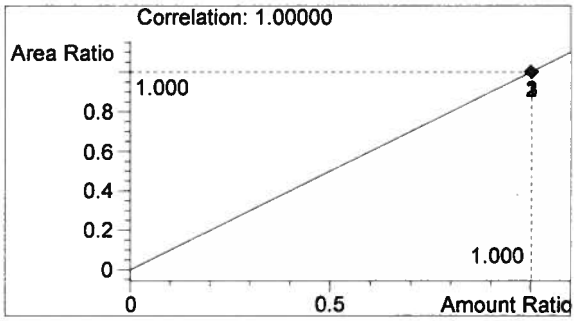
Sample Name: 12043 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.027
2	n-Propanol	1327	1.760



Ethanol 0.102 g/100mL



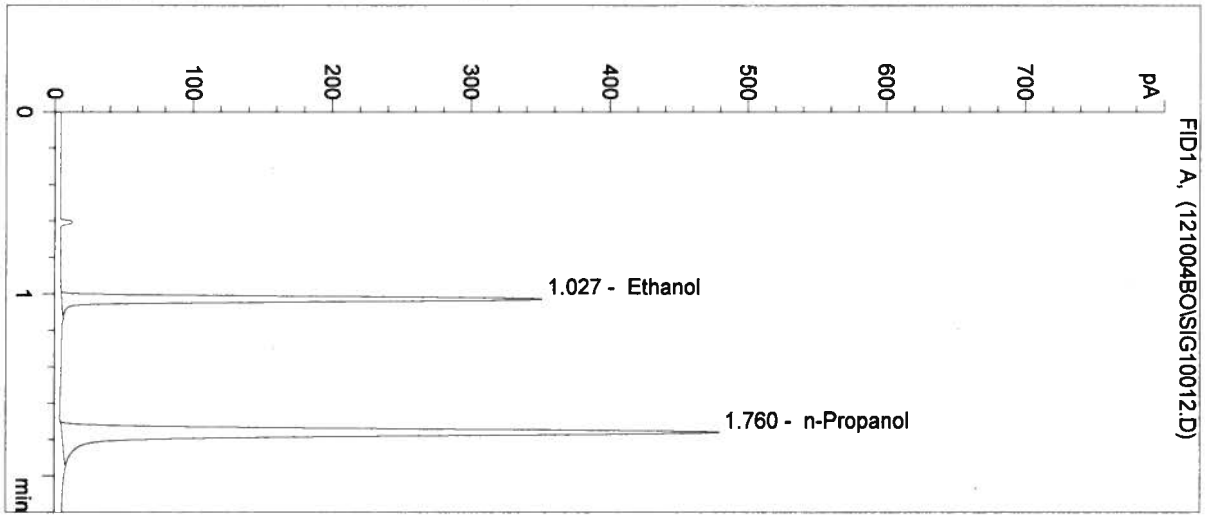
n-Propanol 0.012 g/100mL

BW

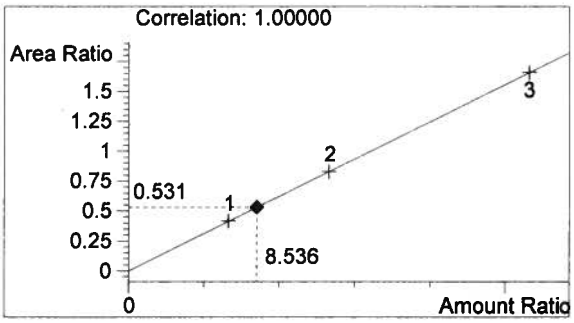
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:46:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

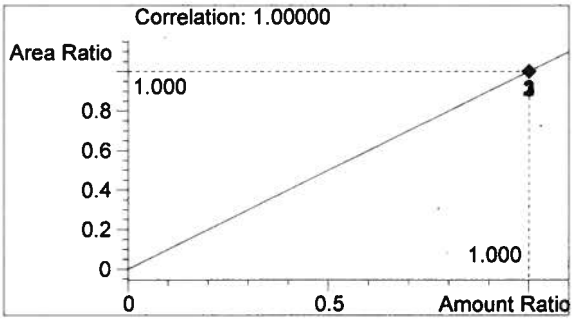
Sample Name: 12043 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.027
2	n-Propanol	1320	1.760



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

BEO

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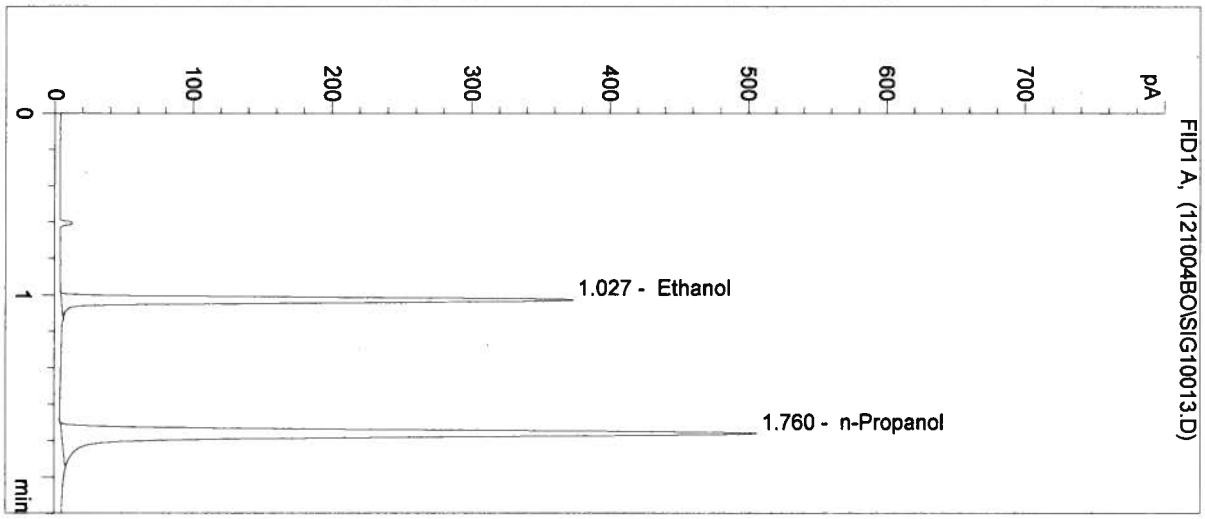
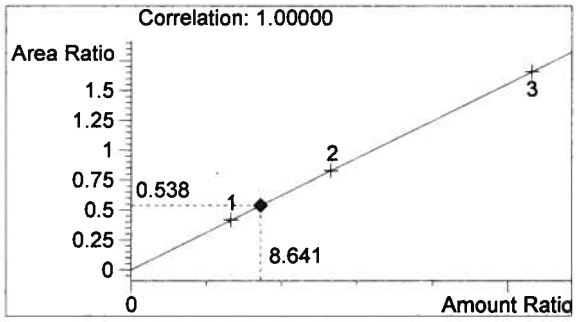
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:49:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

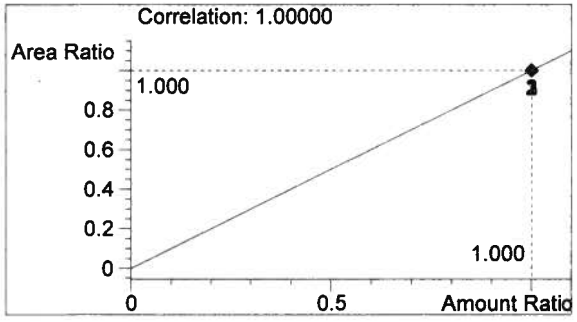
Sample Name: 12043 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	750	1.027
2	n-Propanol	1395	1.760



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

BW

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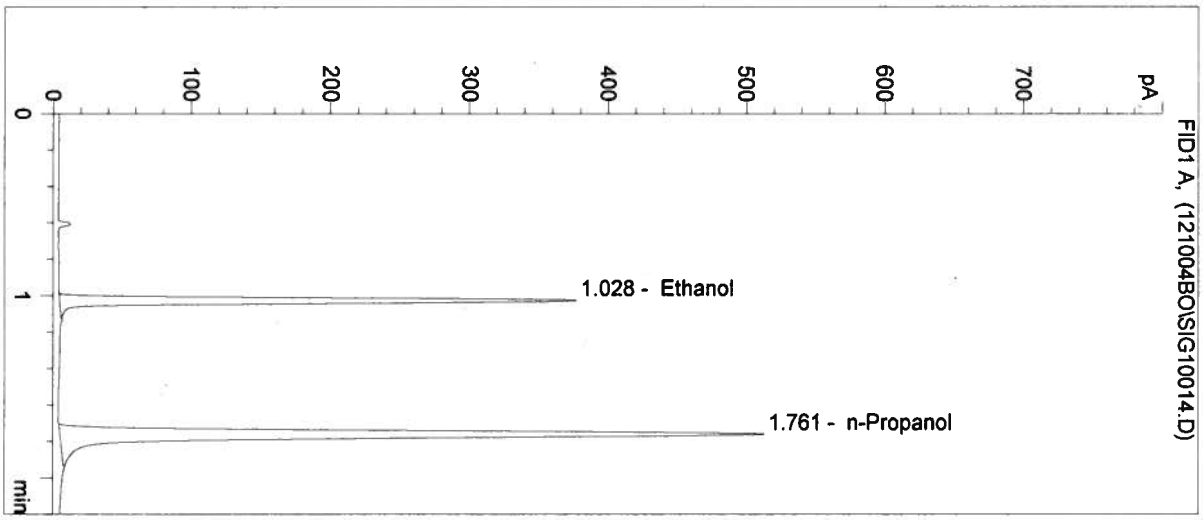
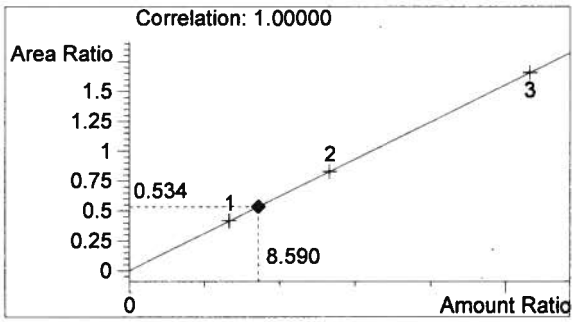
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:52:46 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

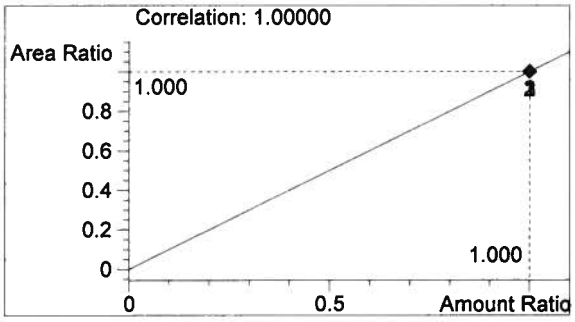
Sample Name: 12043 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	755	1.028
2	n-Propanol	1412	1.761



Ethanol 0.103 g/100mL



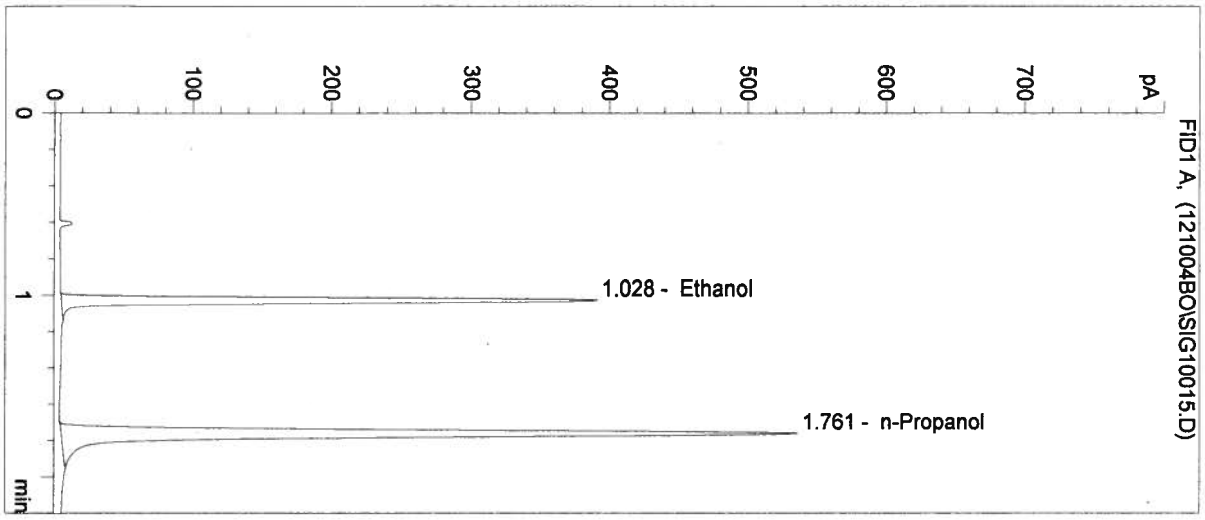
n-Propanol 0.012 g/100mL

BW

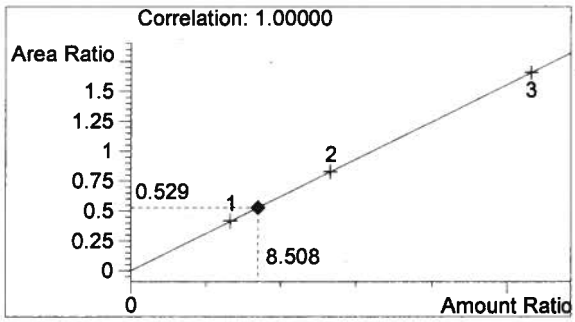
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:55:54 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

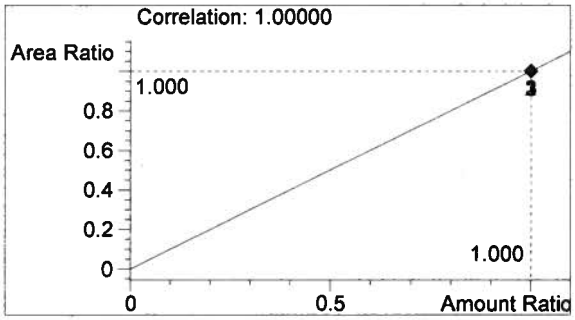
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	781	1.028
2	n-Propanol	1476	1.761



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

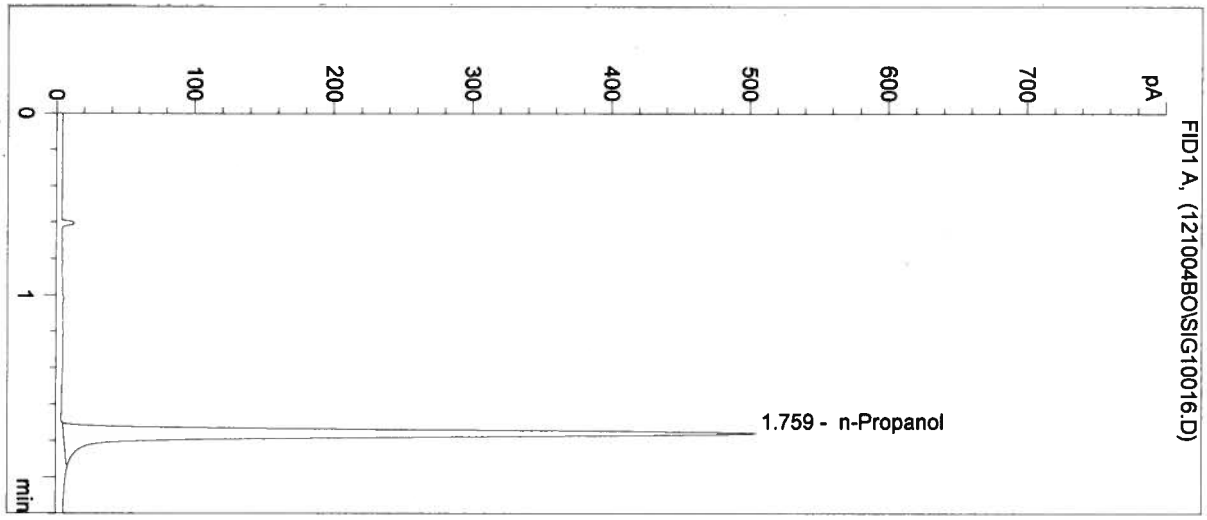
12043

BW

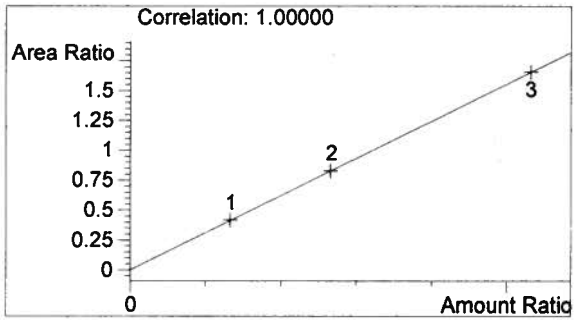
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 10:59:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

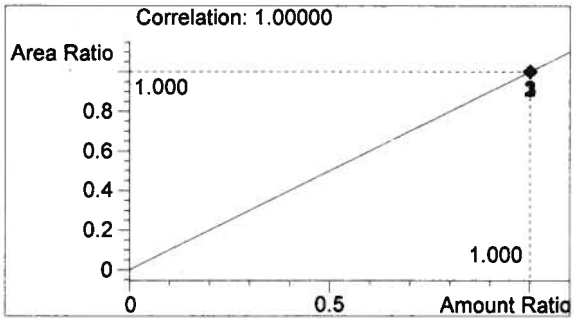
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



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



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

Data File: C:\HPCHEM\2\DATA\121004BO\SIG10016.D

BW

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
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:	121004NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0912-01 - exp 03/06/2013
Cal 2 - Lot: E0912-02 - exp 03/06/2013
Cal 3 - Lot: E0912-03 - exp 03/06/2013
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P0812

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC3	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC3	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	12043 #1	SIMALC3	1	Sample		
11	Vial 11	12043 #2	SIMALC3	1	Sample		
12	Vial 12	12043 #3	SIMALC3	1	Sample		
13	Vial 13	12043 #4	SIMALC3	1	Sample		
14	Vial 14	12043 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

12043

Calibration Part:

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

NN

Sequence: C:\HPCHEM\1\SEQUENCE\NNEXSTD3.S

Sequence Table (Back Injector):

No entries - empty table!

12043

Calibration Table

Calib. Data Modified : Thursday, October 04, 2012 3:31:45 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	7.98400e-2	545.68323	1.46312e-4	1		Ethanol
		2	1.59780e-1	1081.07642	1.47797e-4			
		3	3.19310e-1	2206.66284	1.44703e-4			
1.759	1	1	1.20000e-2	1345.62695	8.91778e-6	I1		n-Propanol
		2	1.20000e-2	1343.44299	8.93227e-6			
		3	1.20000e-2	1363.56433	8.80046e-6			

Peak Sum Table

No Entries in table

12043

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Calibration Curves

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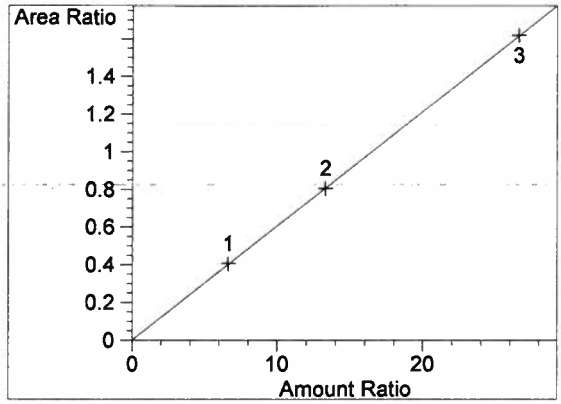
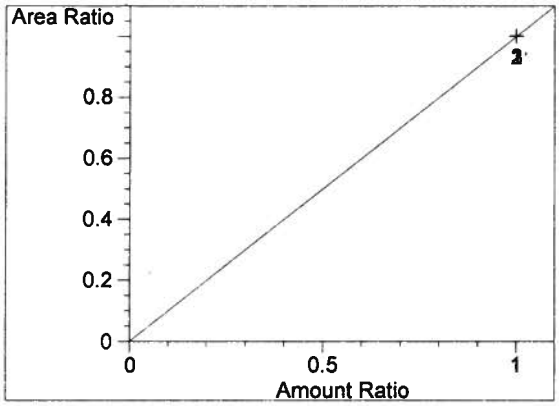


Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00330
Formula: y = mx + b
m: 6.07843e-2
b: -6.61221e-4
x: Amount Ratio
y: Area Ratio



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

==========

12043

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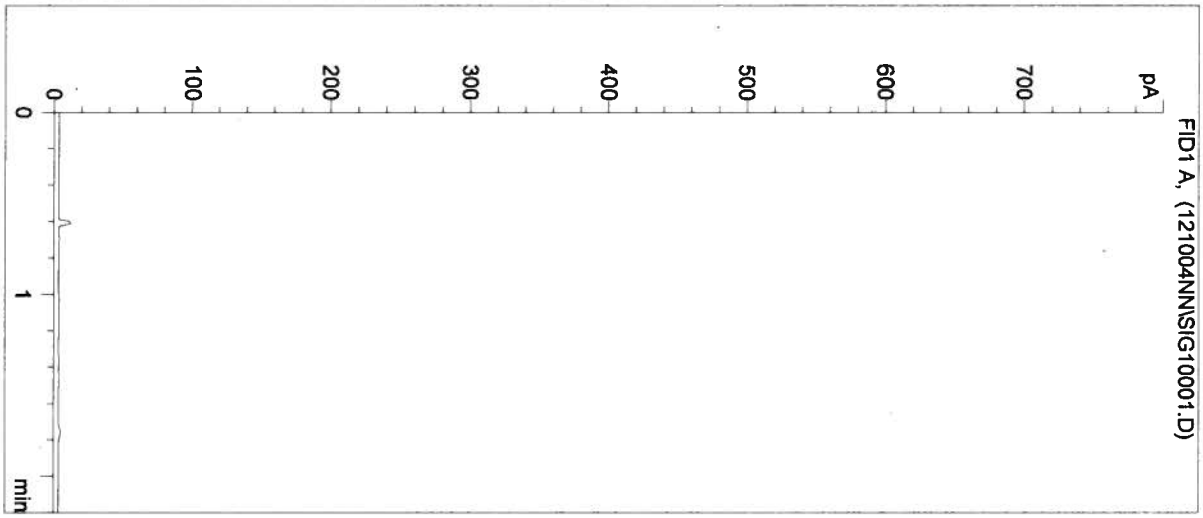
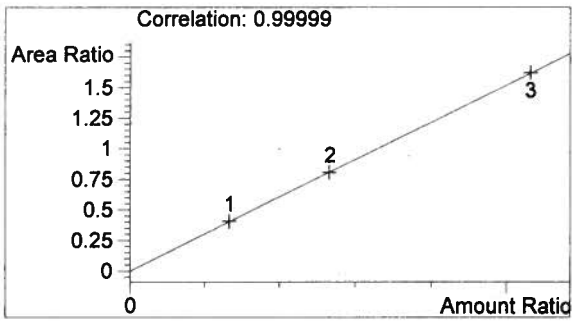
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:20:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

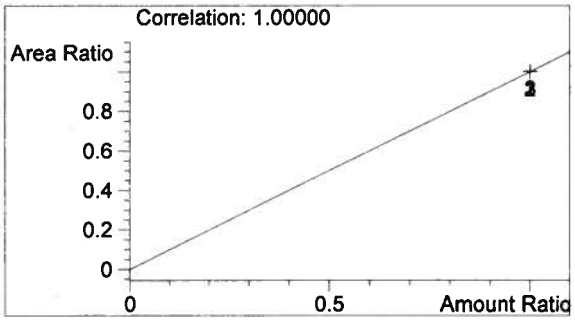
Sample Name: BLANK
Operator: Naziha Nuwayhid, PhD
Location: Vial 1



#	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

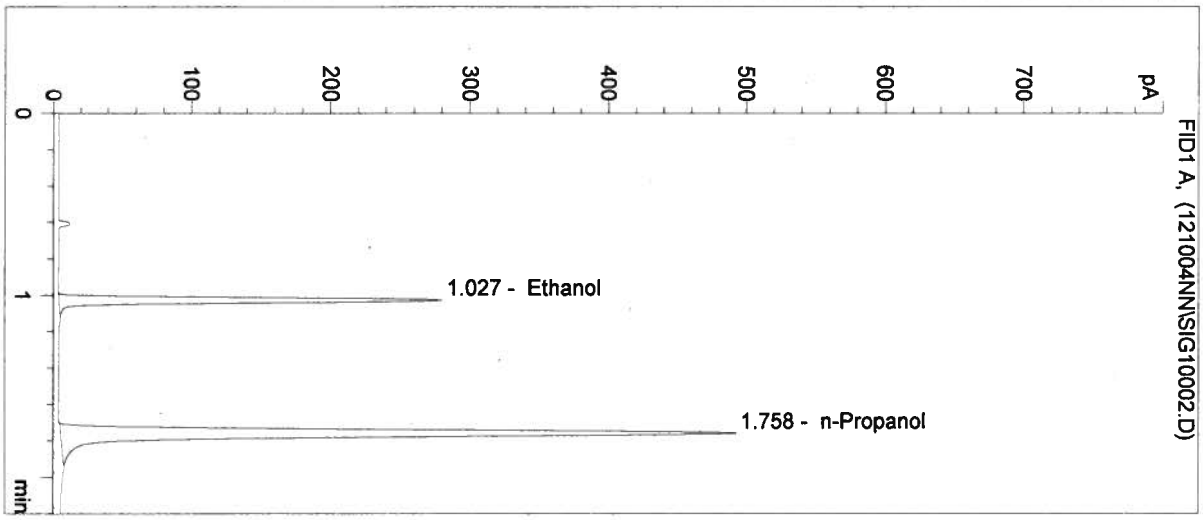
12043

NN

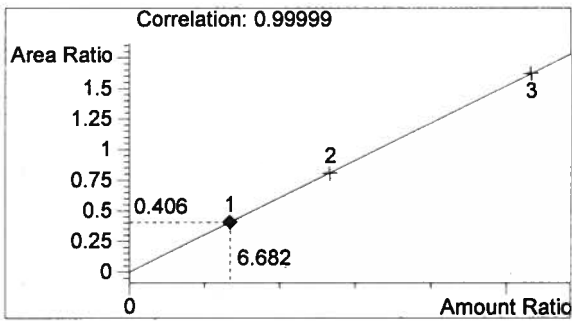
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:23:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100 mL

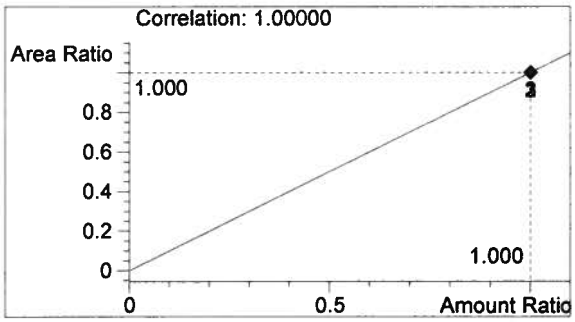
Sample Name: CAL 1 (0.079)
Operator: Naziha Nuwayhid, PhD
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	546	1.027
2	n-Propanol	1346	1.758



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

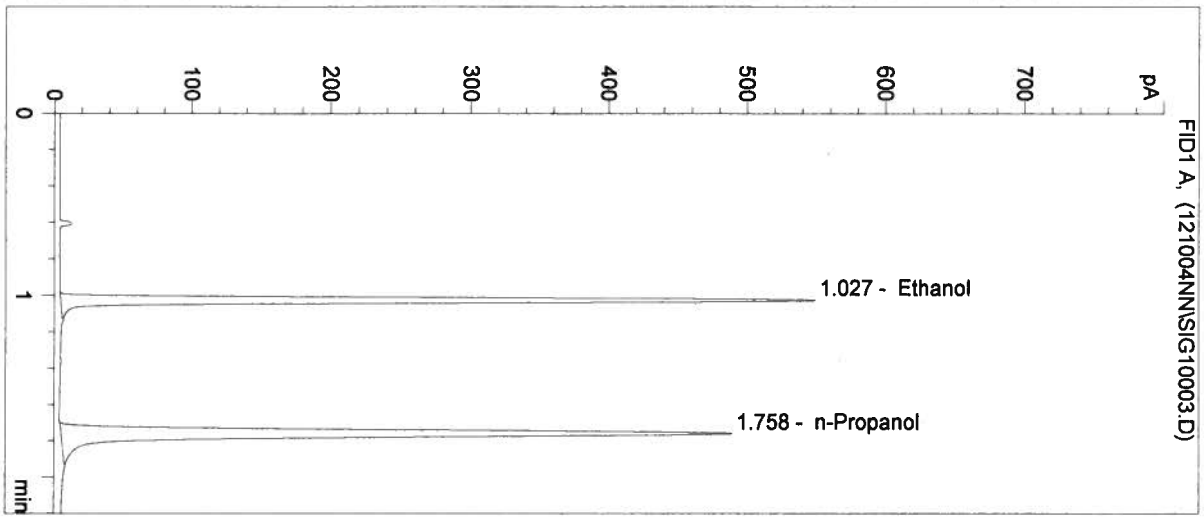
12043

NN

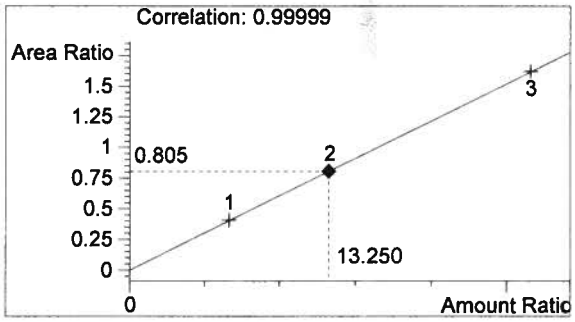
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:26:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2 0.158 g/100 mL

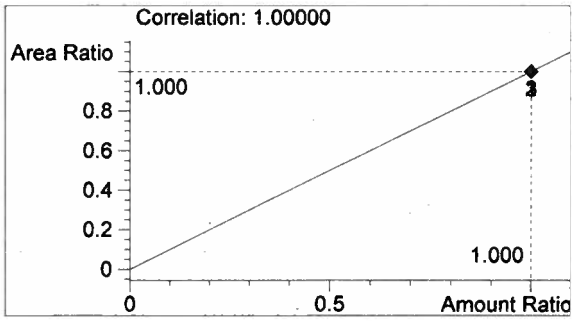
Sample Name: CAL 2 (0.158)
Operator: Naziha Nuwayhid, PhD
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.027
2	n-Propanol	1343	1.758



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

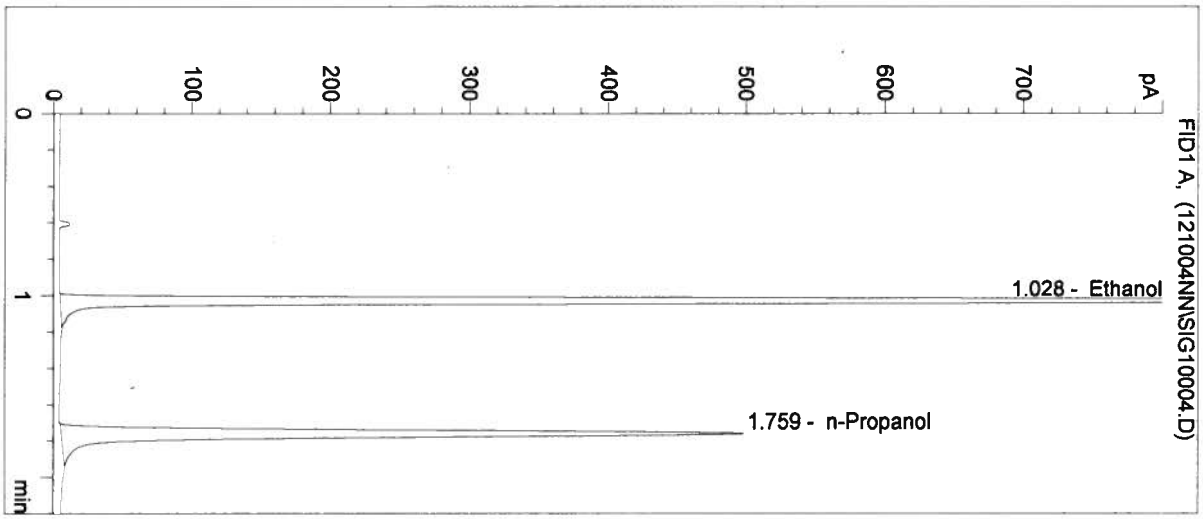
12043

NW

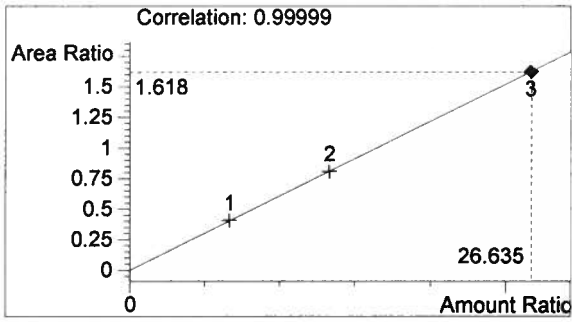
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:29:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100 mL

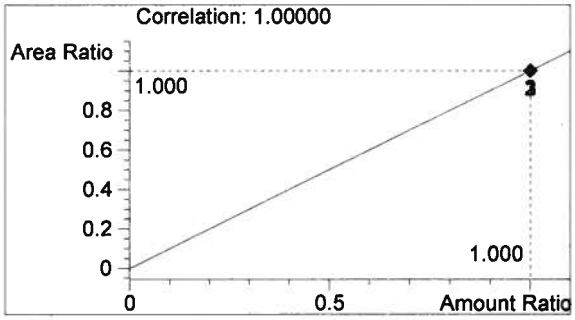
Sample Name: CAL 3 (0.316)
Operator: Naziha Nuwayhid, PhD
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2207	1.028
2	n-Propanol	1364	1.759



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

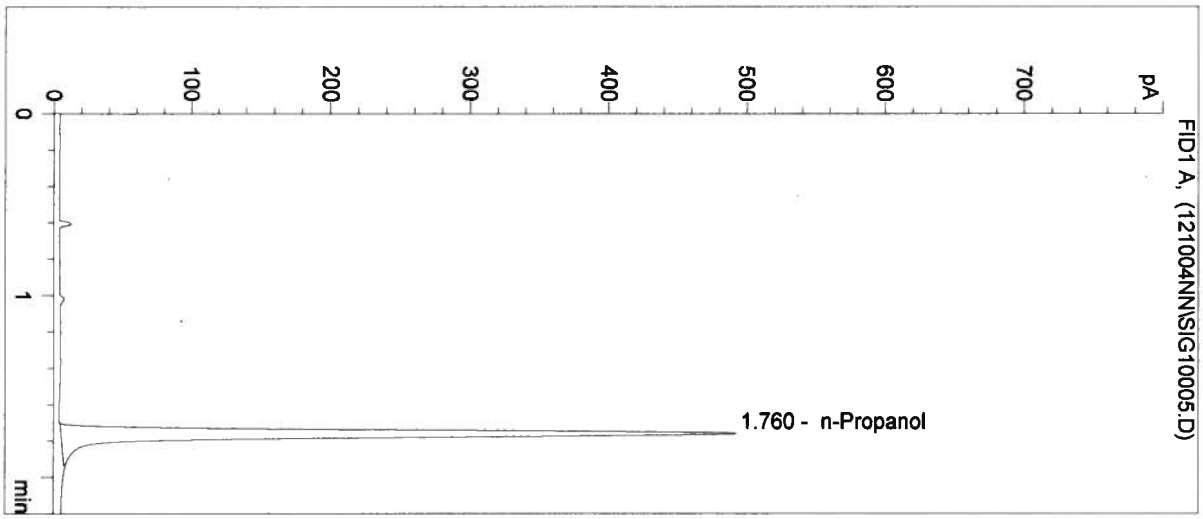
12043

NN

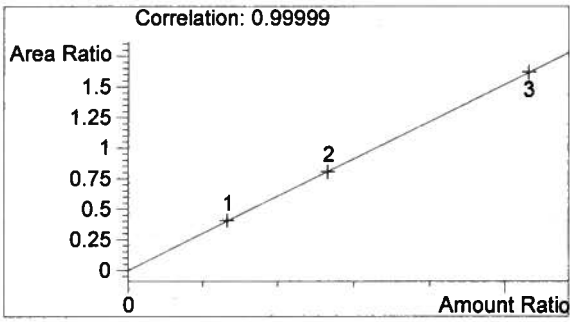
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:32:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

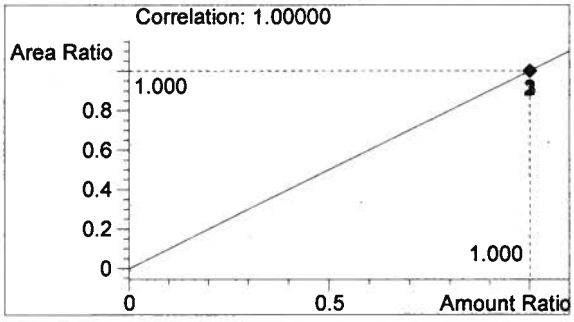
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1354	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

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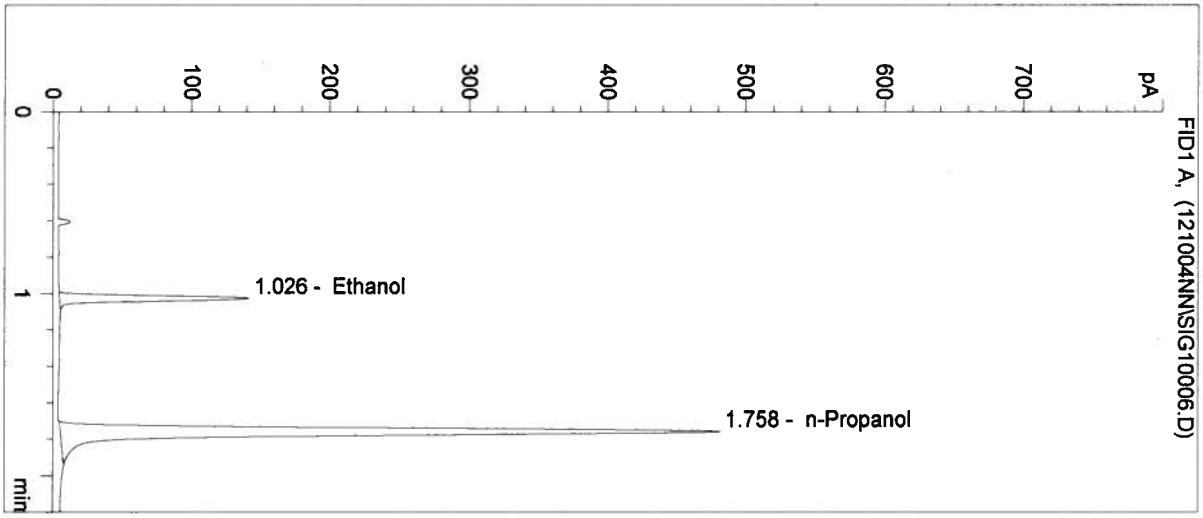
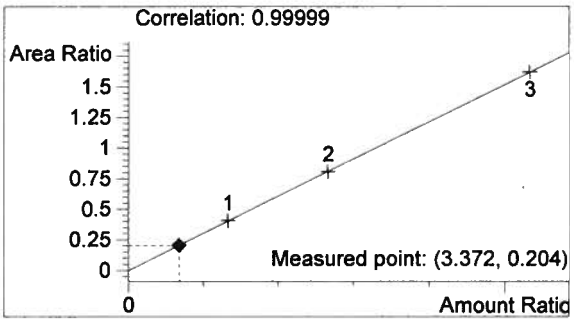
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:35:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100 mL

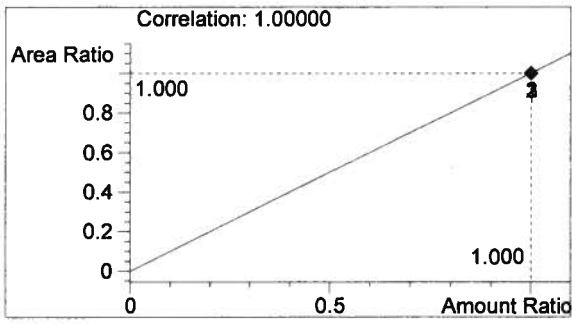
Sample Name: CTRL 1 (0.04)
Operator: Naziha Nuwayhid, PhD
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	270	1.026
2	n-Propanol	1321	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

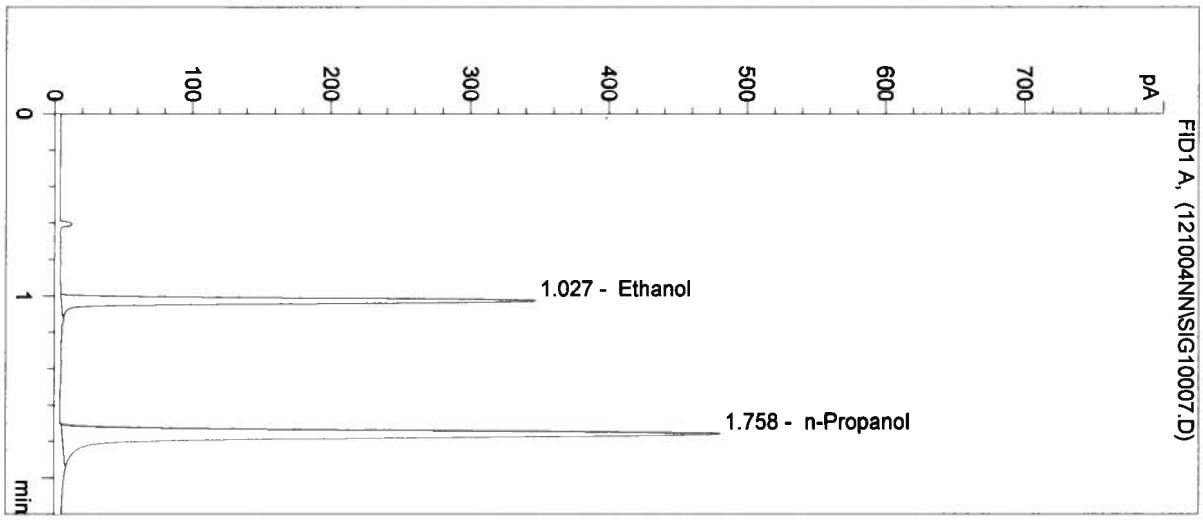
12043

NW

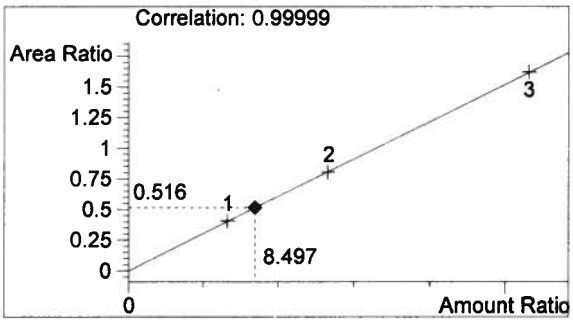
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:38:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

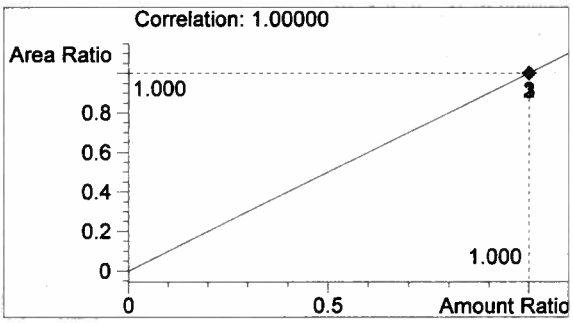
Sample Name: CTRL 2 (0.10)
Operator: Naziha Nuwayhid, PhD
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	680	1.027
2	n-Propanol	1318	1.758



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12043

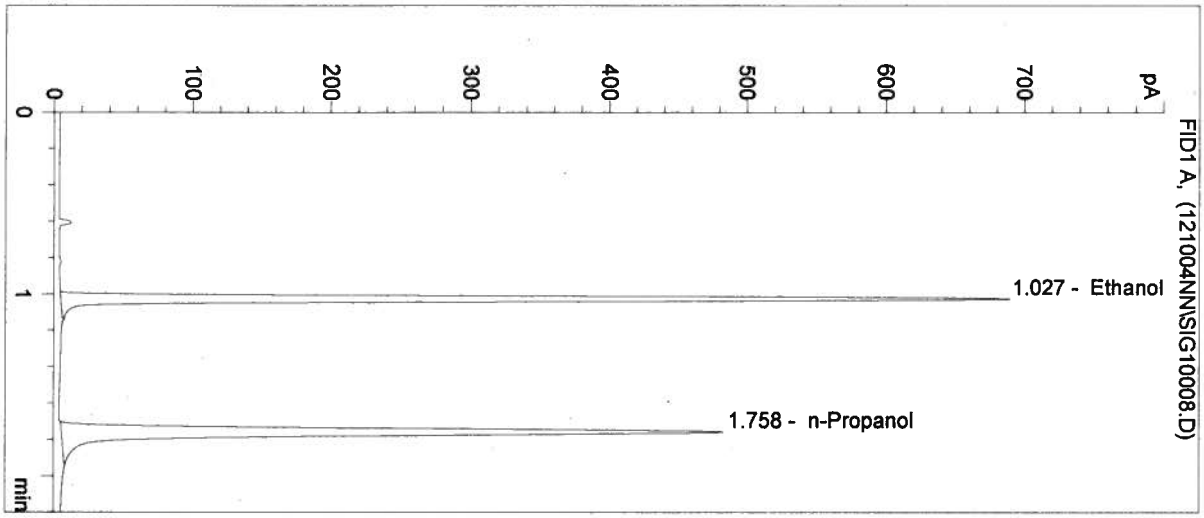
Data File: C:\HPCHEM\2\DATA\121004NN\SIG10007.D

NW

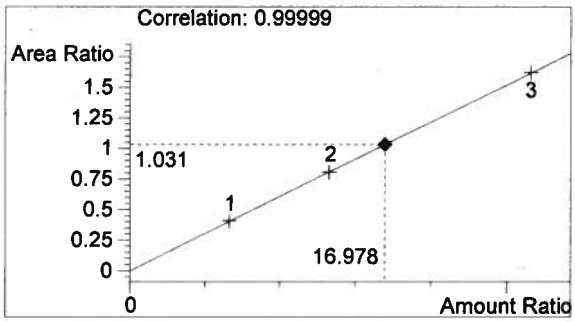
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:42:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100 mL

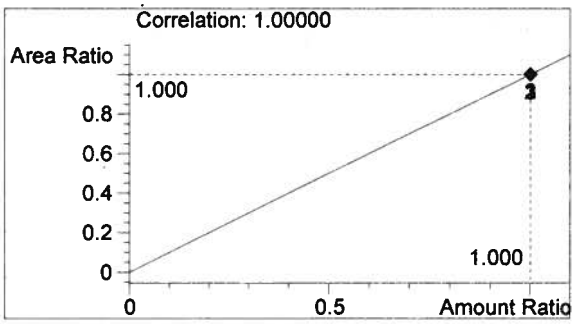
Sample Name: CTRL 3 (0.20)
Operator: Naziha Nuwayhid, PhD
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1366	1.027
2	n-Propanol	1324	1.758



Ethanol 0.204 g/100mL



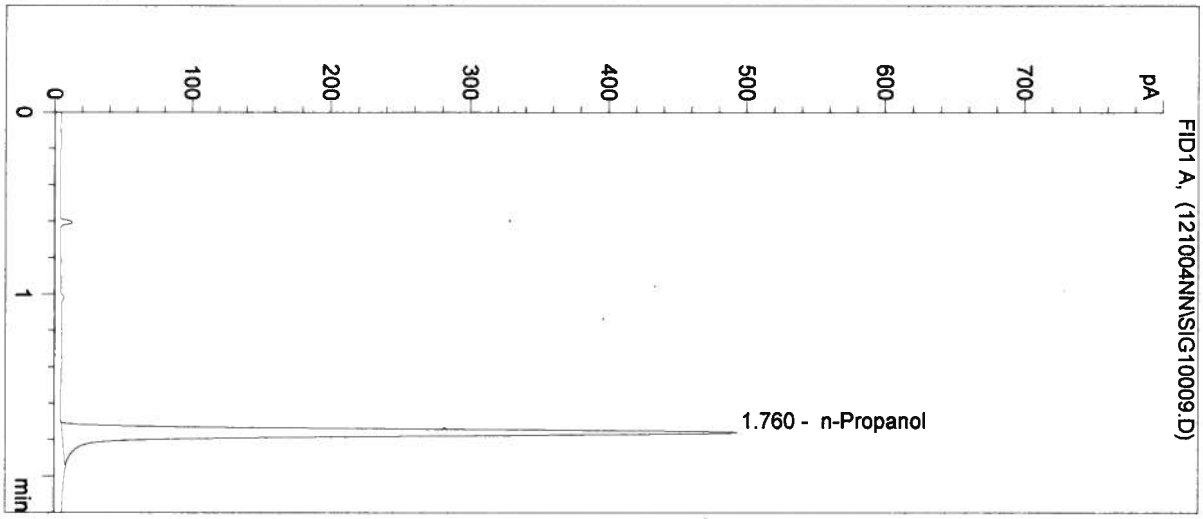
n-Propanol 0.012 g/100mL

12043

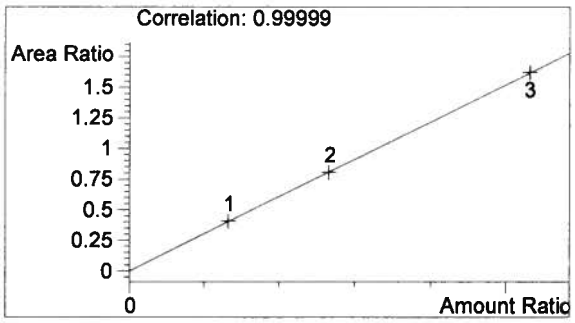
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:45:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

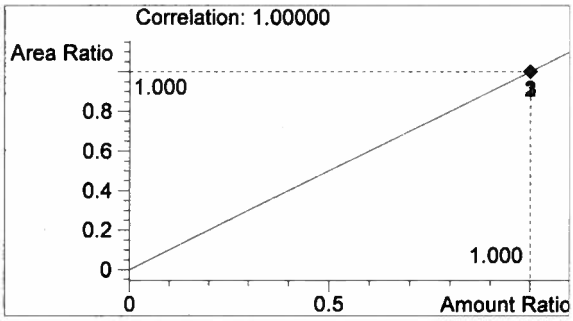
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1353	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

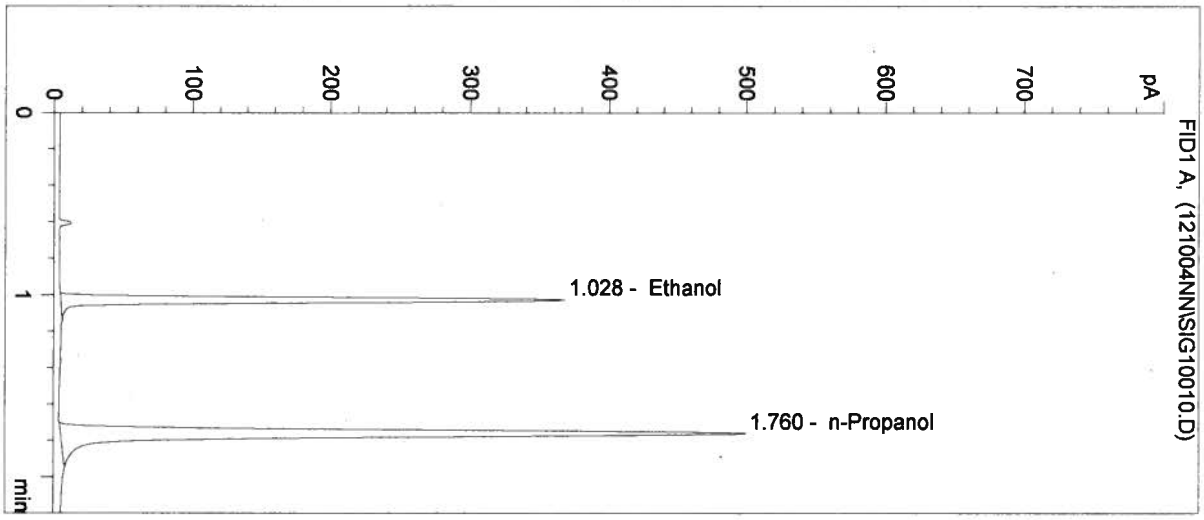
12043

NW

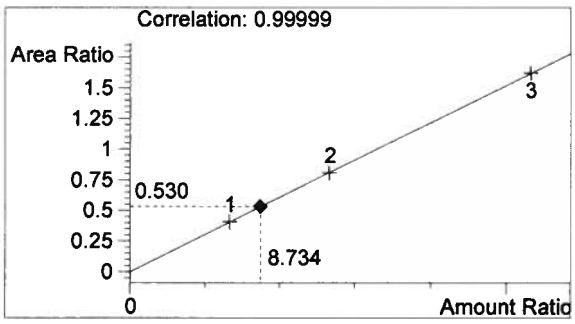
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:48:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

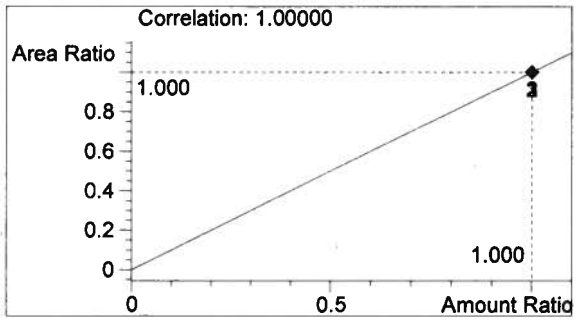
Sample Name: 12043 #1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.028
2	n-Propanol	1376	1.760



Ethanol 0.105 g/100mL

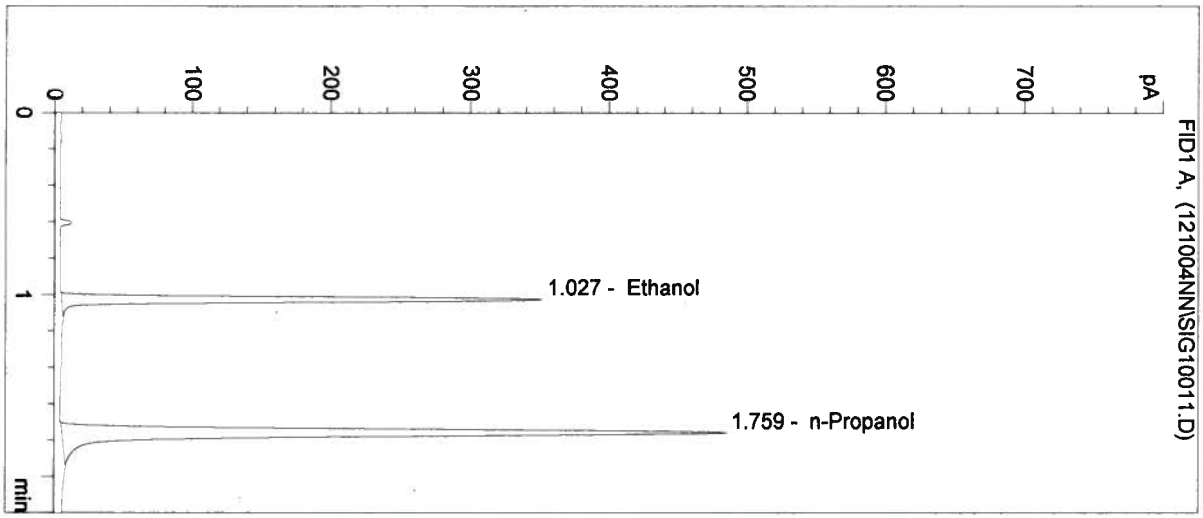


n-Propanol 0.012 g/100mL

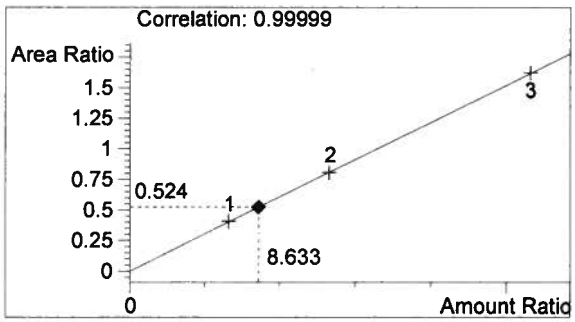
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:51:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

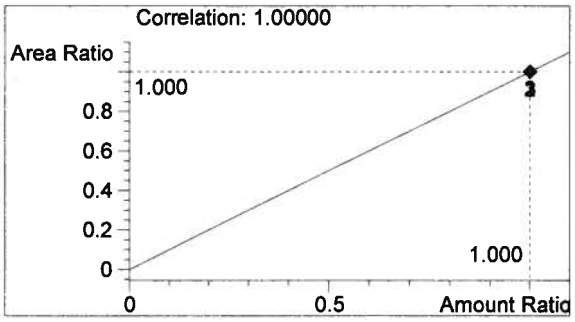
Sample Name: 12043 #2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.027
2	n-Propanol	1334	1.759



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

NW

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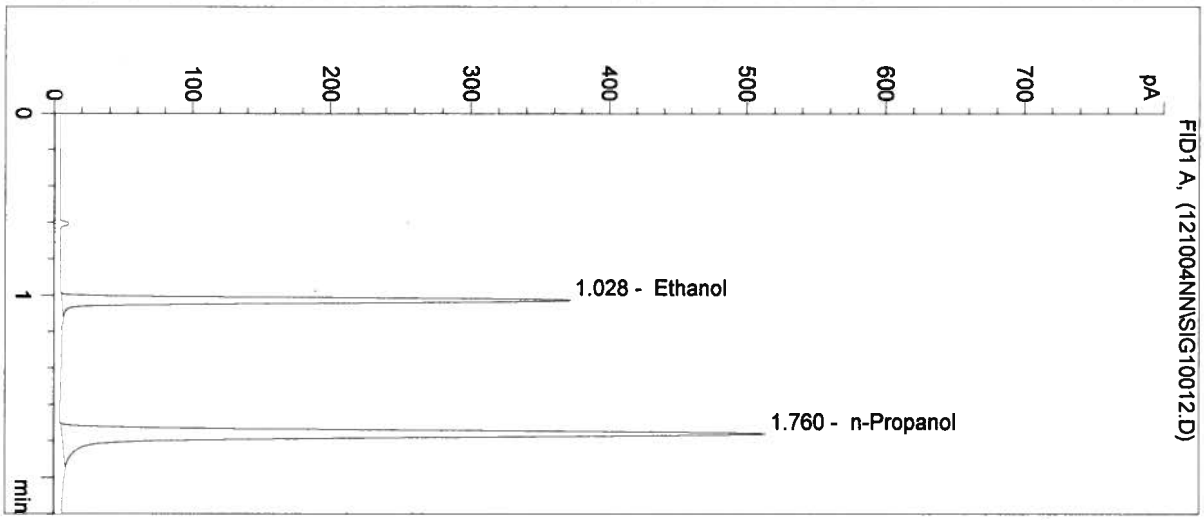
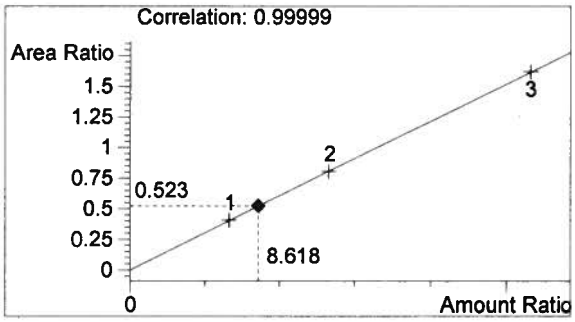
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:54:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

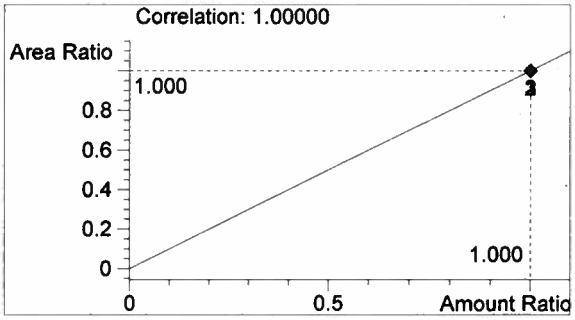
Sample Name: 12043 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	741	1.028
2	n-Propanol	1415	1.760



Ethanol 0.103 g/100mL



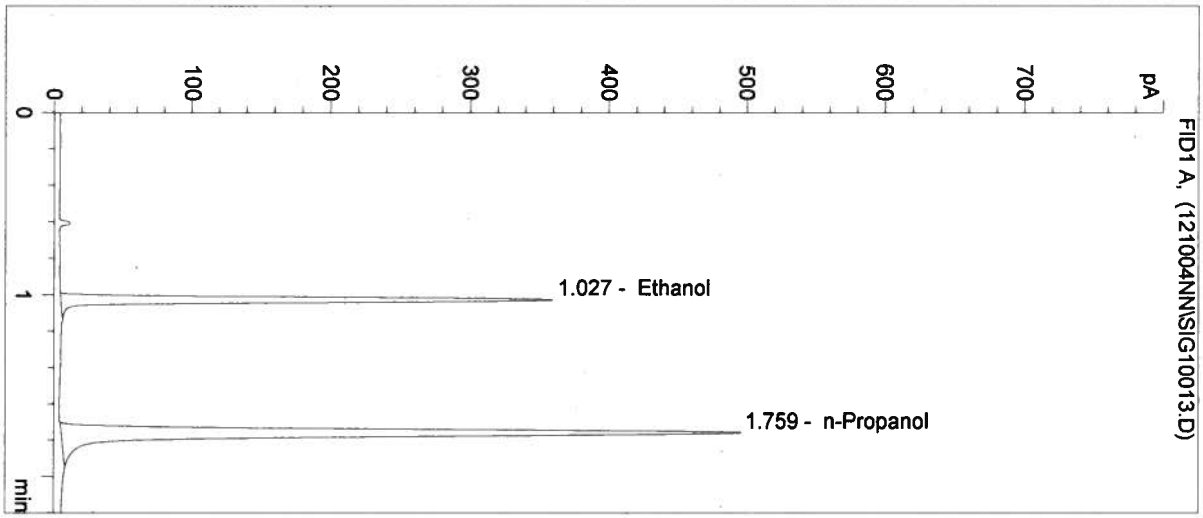
n-Propanol 0.012 g/100mL

NN

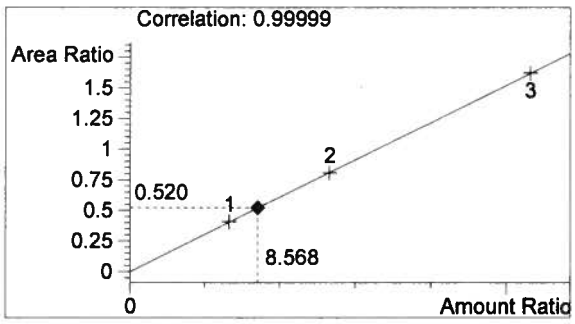
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 3:57:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

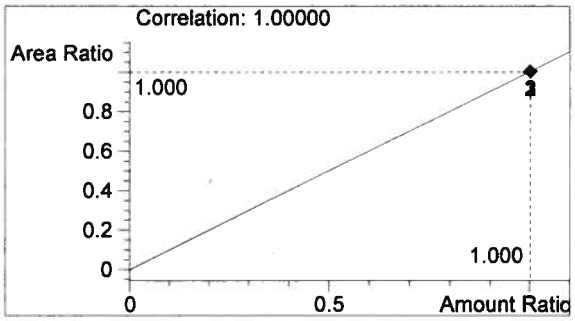
Sample Name: 12043 #4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.027
2	n-Propanol	1365	1.759



Ethanol 0.103 g/100mL



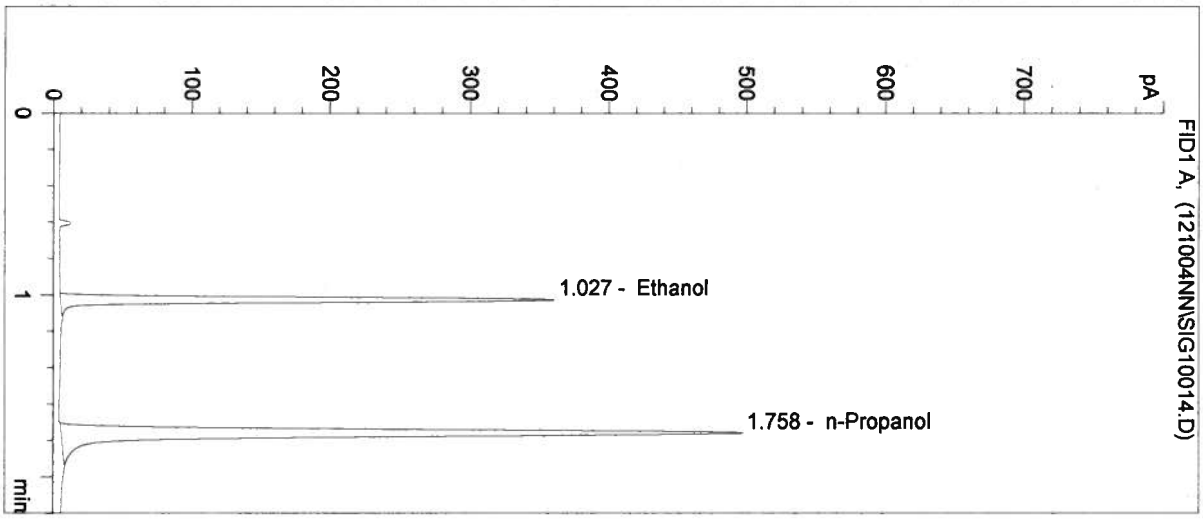
n-Propanol 0.012 g/100mL

NN

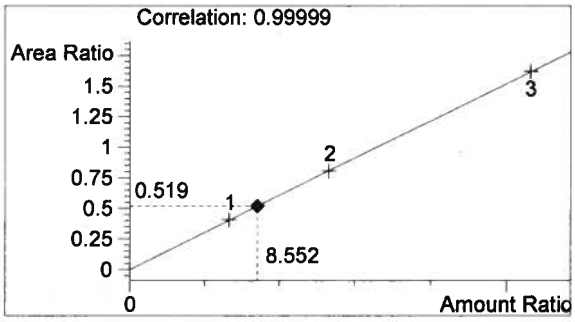
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 4:00:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

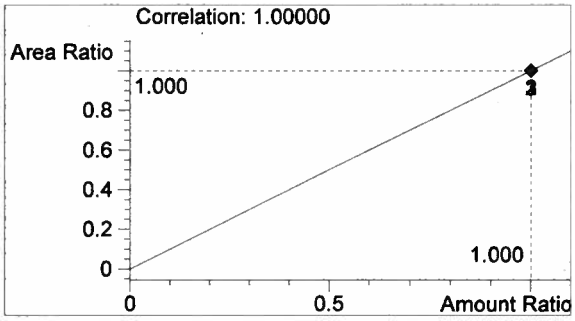
Sample Name: 12043 #5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.027
2	n-Propanol	1362	1.758



Ethanol 0.103 g/100mL



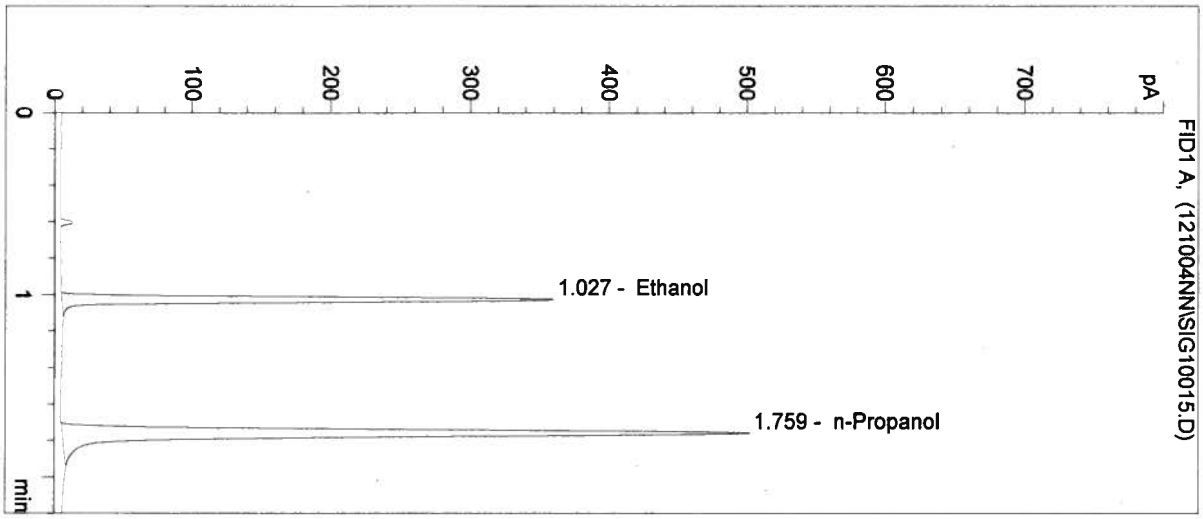
n-Propanol 0.012 g/100mL

NN

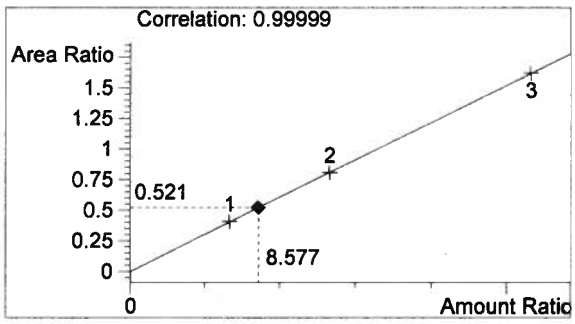
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 4:03:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

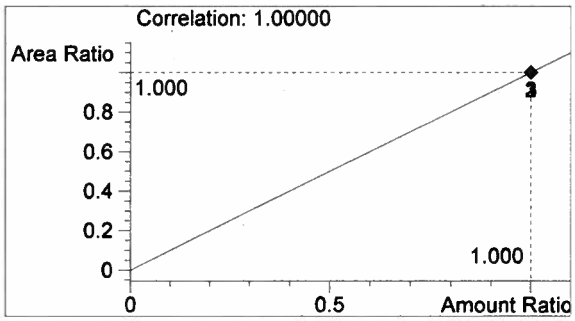
Sample Name: CTRL 2 (0.10)
Operator: Naziha Nuwayhid, PhD
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.027
2	n-Propanol	1382	1.759



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

12043

NN

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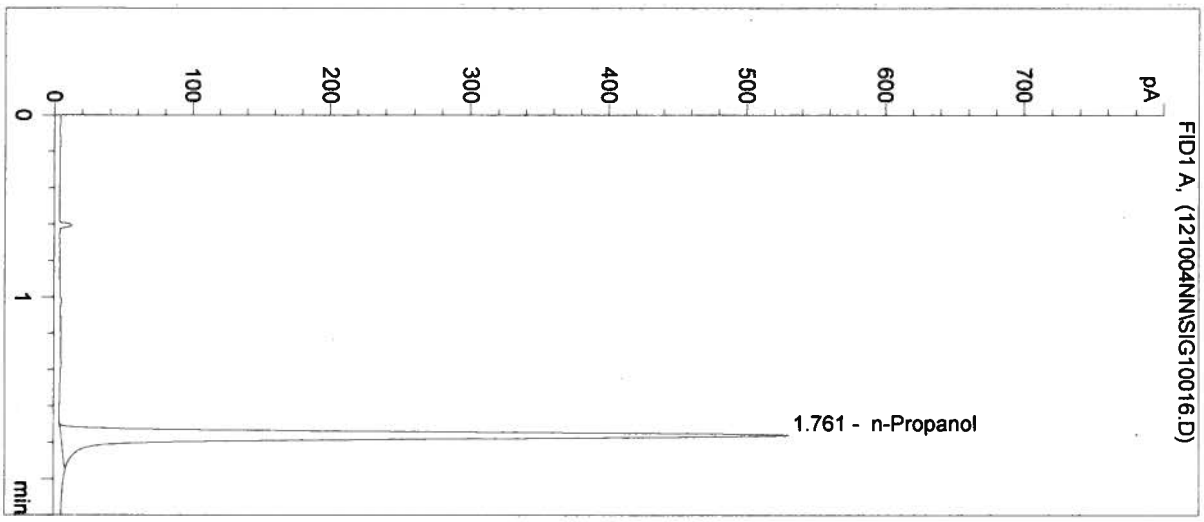
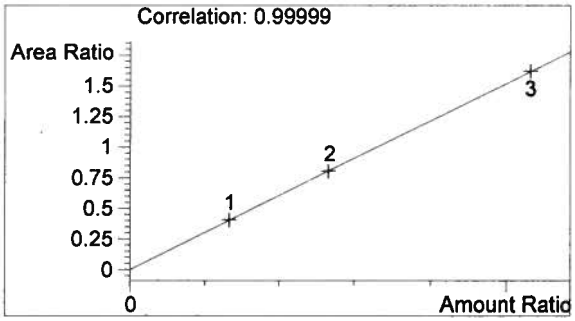
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2012 4:07:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

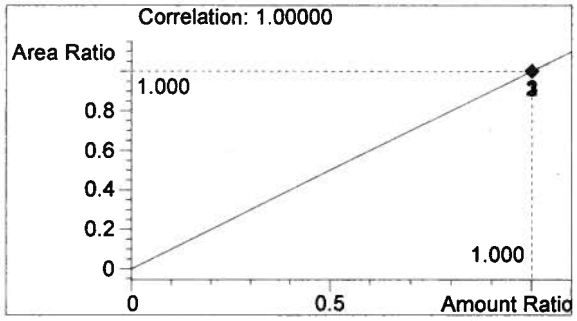
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1456	1.761



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12043

Data File: C:\HPCHEM\2\DATA\121004NN\SIG10016.D

NN