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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12046

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 10/11/2012
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Christie Mitchell-Mata

	CM	NN	RF	AJL	CSJ	SS	JLK	BEO
1	0.102	0.101	0.102	0.101	0.099	0.100	0.103	0.102
2	0.102	0.104	0.101	0.101	0.099	0.101	0.101	0.103
3	0.103	0.102	0.102	0.101	0.099	0.103	0.102	0.101
4	0.103	0.102	0.105	0.102	0.100	0.103	0.101	0.103
5	0.103	0.104	0.104	0.101	0.099	0.101	0.102	0.103
C	0.101	0.099	0.100	0.101	0.096	0.101	0.100	0.101

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1018 g/100mL
STANDARD DEVIATION: 0.00146
PRECISION CV (%): 1.43
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0827 g/210L**
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor
11-7-2012 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
CM	Christie Mitchell-Mata		10/11/2012
NN	Naziha Nuwayhid		10/11/2012
RF	Rebecca Flaherty		10/19/2012
AJL	Asa J. Louis		10/19/2012
CSJ	Christopher S. Johnston		10/23/2012
SS	Sarah Swenson		10/24/2012
JLK	Justin L. Knoy		10/24/2012
BEO	Brianne O'Reilly		10/25/2012

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 #: 12046 **Date Prepared:** 10/11/2012

Analyst:	CM	NN	RF	AJL	CSJ	SS	JLK	BEO
Date Tested:	10/11/2012	10/11/2012	10/19/2012	10/19/2012	10/23/2012	10/24/2012	10/24/2012	10/25/2012
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.102	0.101	0.102	0.101	0.099	0.100	0.103	0.102
2	0.102	0.104	0.101	0.101	0.099	0.101	0.101	0.103
3	0.103	0.102	0.102	0.101	0.099	0.103	0.102	0.101
4	0.103	0.102	0.105	0.102	0.100	0.103	0.101	0.103
5	0.103	0.104	0.104	0.101	0.099	0.101	0.102	0.103
C	0.101	0.099	0.100	0.101	0.096	0.101	0.100	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0002054000	0.0002989612	0.0001016326

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

Average Solution Concentration: 0.1018 g/100mL
Standard Deviation: 0.00146 g/100mL
Precision CV (%): 1.43
Equivalent Vapor Concentration: 0.0827 g/210L
Combined Standard Uncertainty (±): 0.0021 g/210L
Expanded Uncertainty (±): 0.0042 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 10/31/2012
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 11-6-2012 Method: Hand calculation
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton [signature] 11/2/2012
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 11-6-2012

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 12046

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

Comments:

Reviewer Signature: [signature] **Date:** 11-6-2012

Reviewer Signature: N/A AB 11-6-12 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	AL	2012OCT31
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BOO	10-31-12
Brittany Ball		
Christie Mitchell-Mata	CM	10/31/12
Christopher Johnston	CJ	10/31/12
Dawn Sklerov		
Justin Knoy	JK	11-1-12
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid	NN	10/31/12
Rebecca Flaherty	RF	10/31/12
Sarah Swenson	SMS	10/31/12

Batch # 12046

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 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

Christie Mitchell-Mata 10/31/2012

Christie Mitchell-Mata Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

10/31/12

Naziha Nuwayhid — Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

10/31/12

Rebecca Flaherty — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

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Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

2012 Oct 31

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 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

10/31/12

Christopher S. Johnston Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

10/31/12

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 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

Justin L. Knoy 11-1-12

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 12046

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 12046, was prepared in the Washington State Toxicology Laboratory on 10/11/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/11/2013.

Seattle, WA

Brianne E O'Reilly 10·31·12

Brianne E. O'Reilly Date

Forensic Toxicologist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 10/11/2012 Initials of Preparer: CM

Expiration Date: 10/11/2013

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

Date the 200-proof Ethanol bottle was opened: 10/11/2012

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	☑	120416

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 10/11/2012 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:

Analyst Signature 10/11/2012 Date

Sequence: C:\HPCHEM\1\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:	121011CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0912-01 Exp. 3/6/2013
Ethanol Calibrator 2-Lot#E0912-02 Exp. 3/6/2013
Ethanol Calibrator 3-Lot#E0912-03 Exp. 3/6/2013

0.04 Ethanol Control Lot#A077459 Exp 02/2015
0.10 Ethanol Control Lot#A083355 Exp 12/2015
0.20 Ethanol Control Lot#A084657 Exp 02/2016
n-propanol ISTD Lot#P0812 Exp. 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	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 - 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	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #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		

12046

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	

CM

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

Sequence Table (Back Injector):

No entries - empty table!

12046

Calibration Table

Calib. Data Modified : Thursday, October 11, 2012 11:24:12 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	558.58044	1.42934e-4		1	Ethanol
		2	1.59780e-1	1114.23523	1.43399e-4			
		3	3.19310e-1	2232.74023	1.43013e-4			
1.758	1	1	1.20000e-2	1407.72485	8.52439e-6		I1	n-Propanol
		2	1.20000e-2	1389.52905	8.63602e-6			
		3	1.20000e-2	1407.76489	8.52415e-6			

Peak Sum Table

12046

No Entries in table

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Calibration Curves

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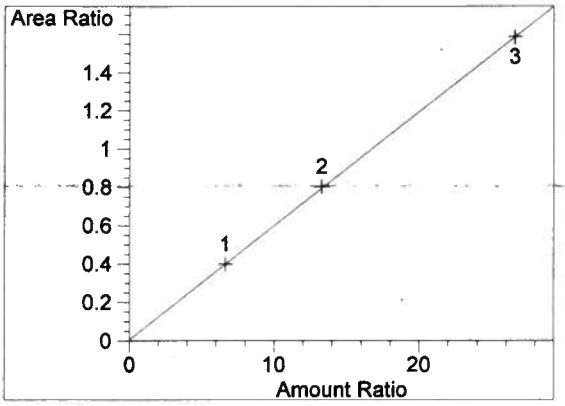
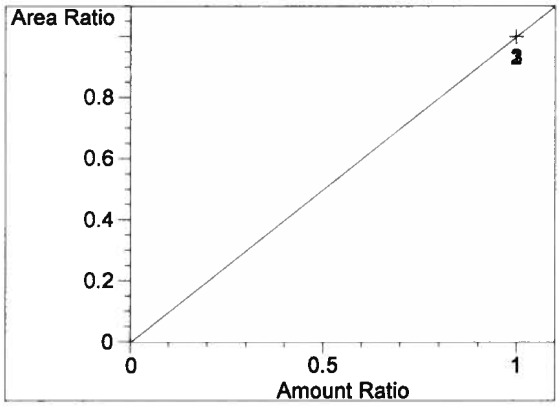


Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00499
Formula: y = mx + b
m: 5.96368e-2
b: 1.74009e-3
x: Amount Ratio
y: Area Ratio



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

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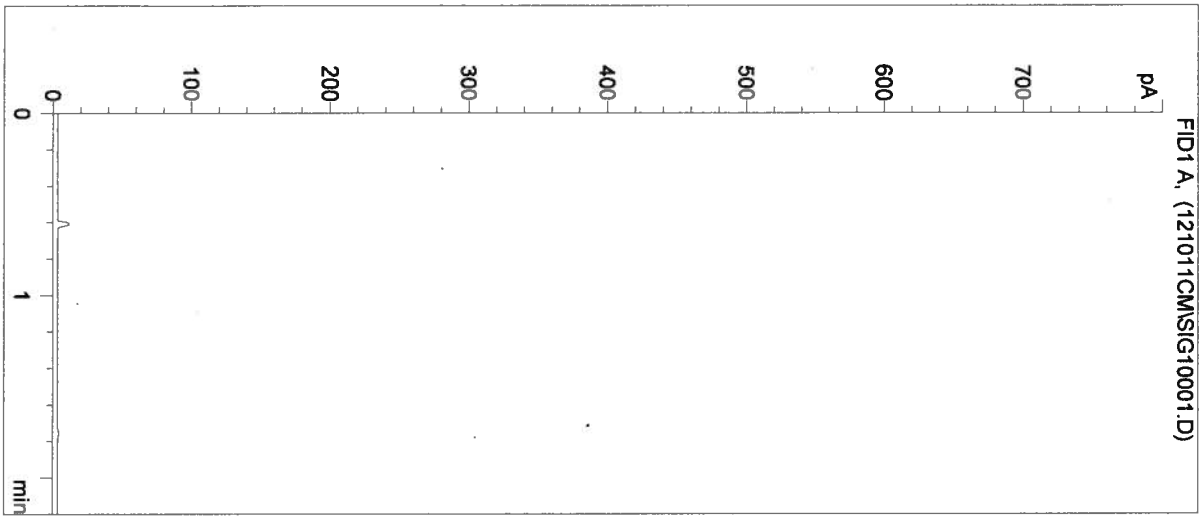
12046

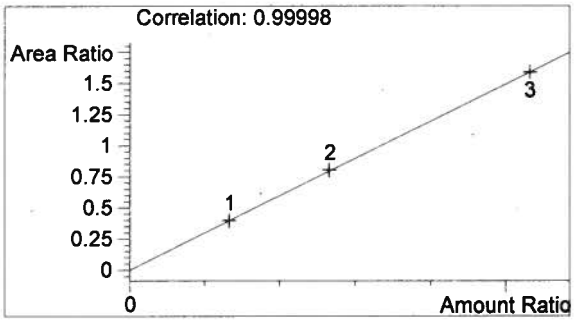
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:12:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

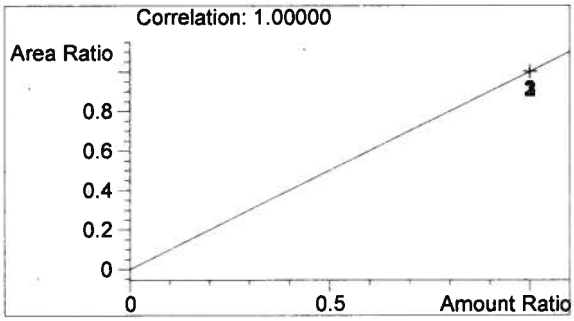
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



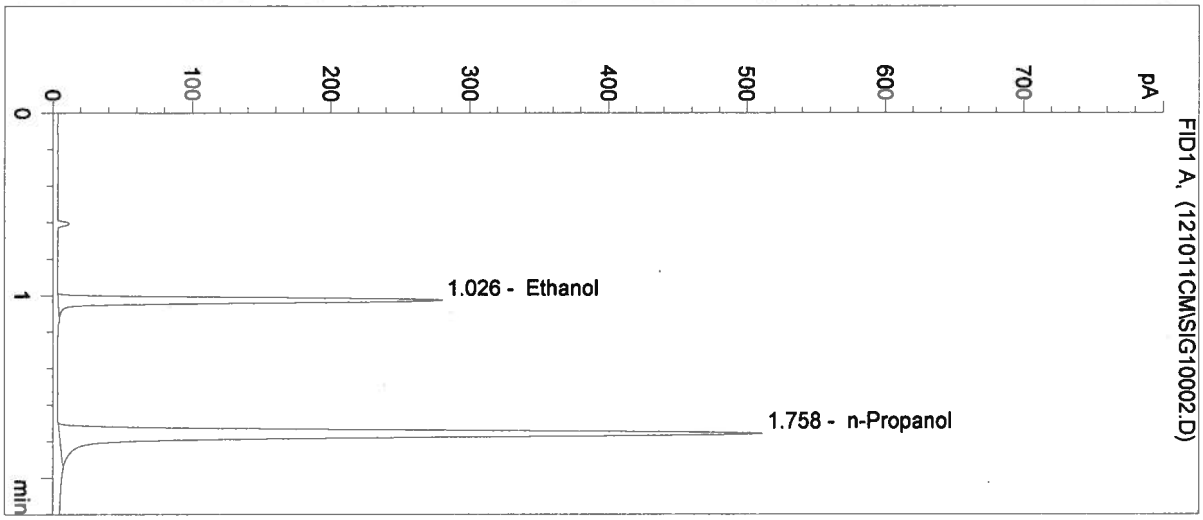
n-Propanol 0.000 g/100mL

12046

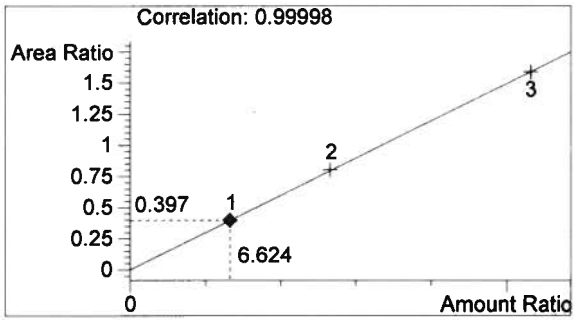
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:15:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

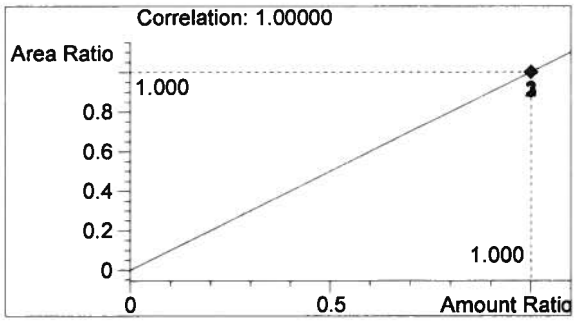
Sample Name: 0.079 CAL 1
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	559	1.026
2	n-Propanol	1408	1.758



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

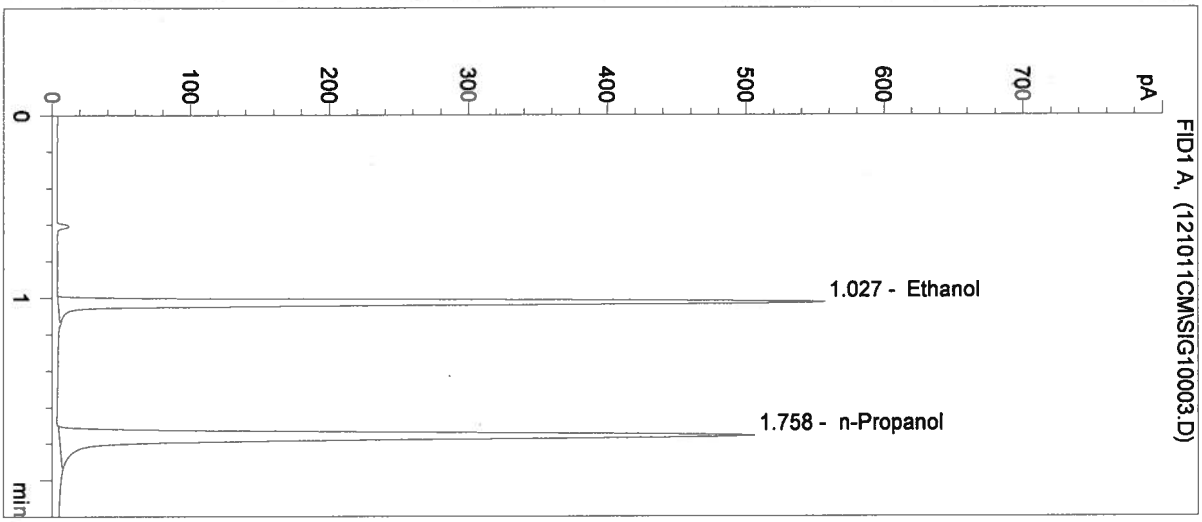
12046

Data File: C:\HPCHEM\2\DATA\121011CM\SIG10002.D

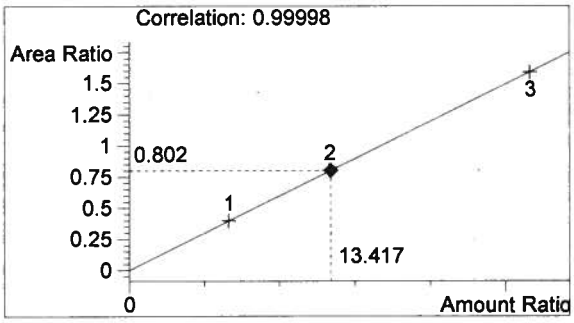
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:18:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

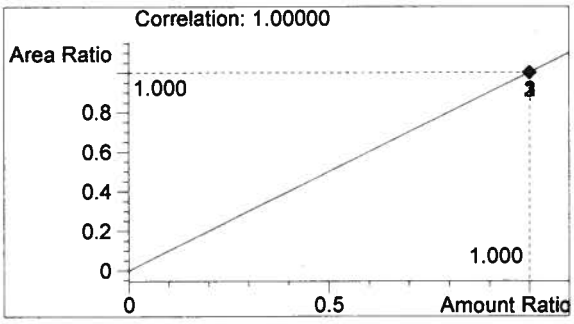
Sample Name: 0.158 CAL 2
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.027
2	n-Propanol	1390	1.758



Ethanol 0.161 g/100mL



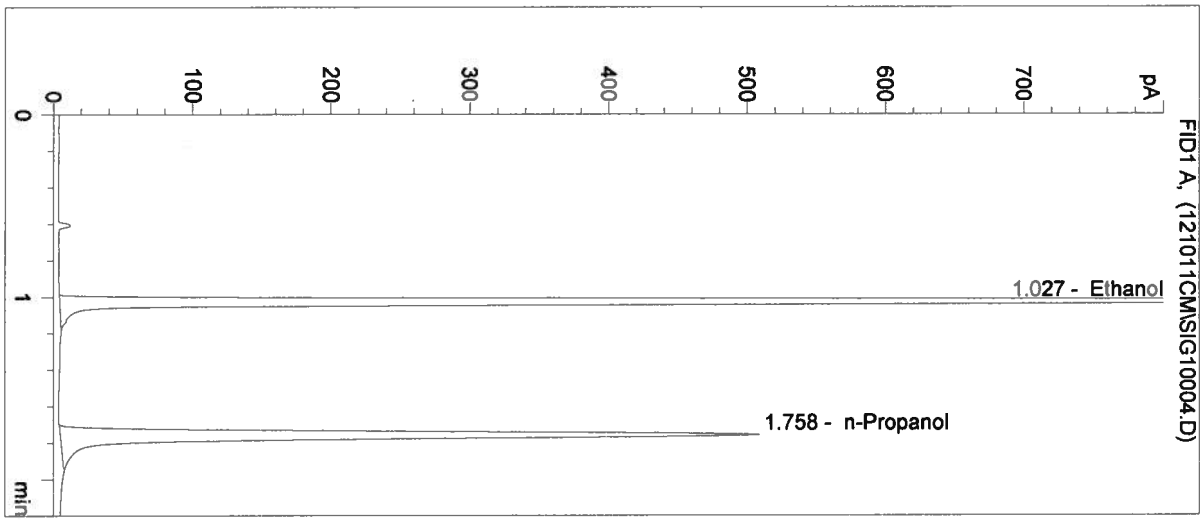
n-Propanol 0.012 g/100mL

12046

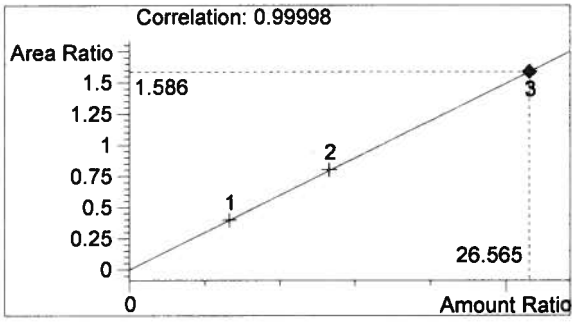
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:22:00 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

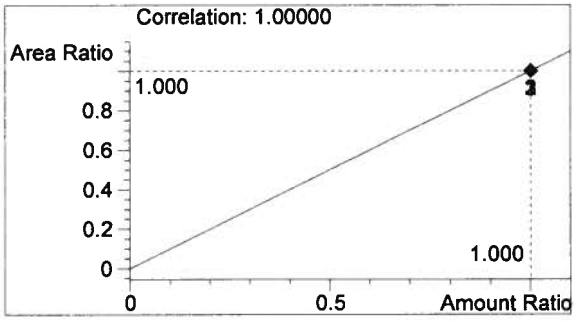
Sample Name: 0.316 CAL 3
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2233	1.027
2	n-Propanol	1408	1.758



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

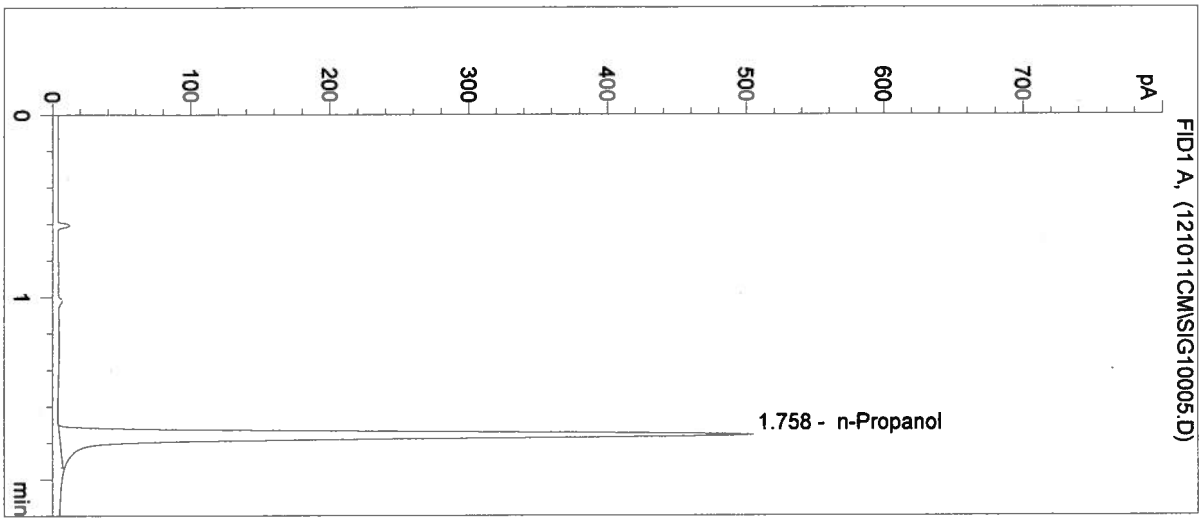
12046

CM

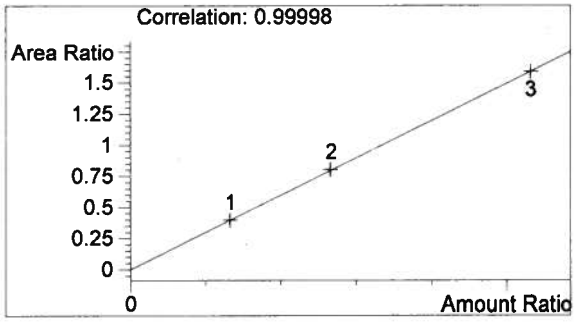
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:25:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

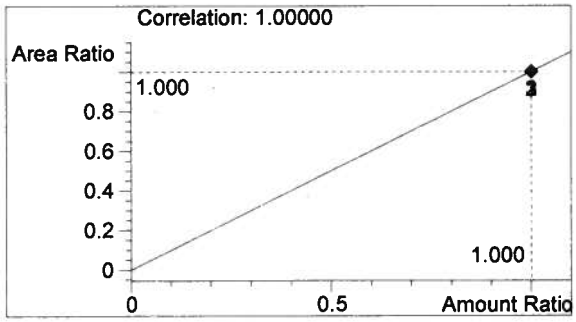
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1399	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

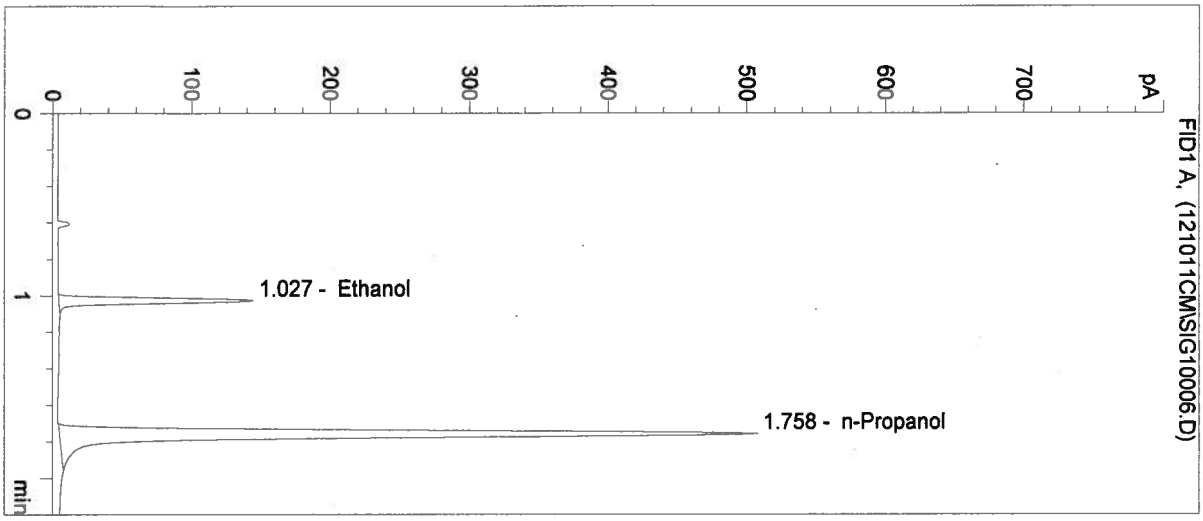
Data File: C:\HPCHEM\2\DATA\121011CM\SIG10005.D

CM

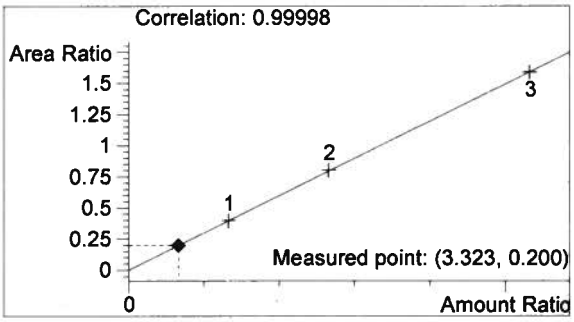
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:28:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

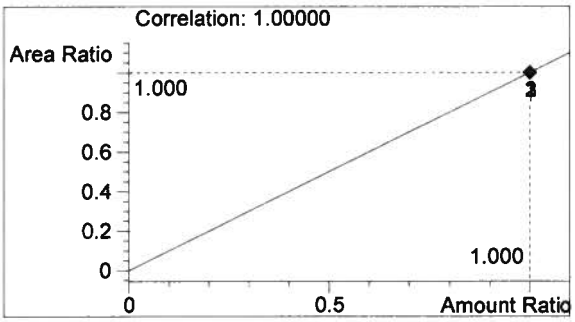
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	282	1.027
2	n-Propanol	1411	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12046

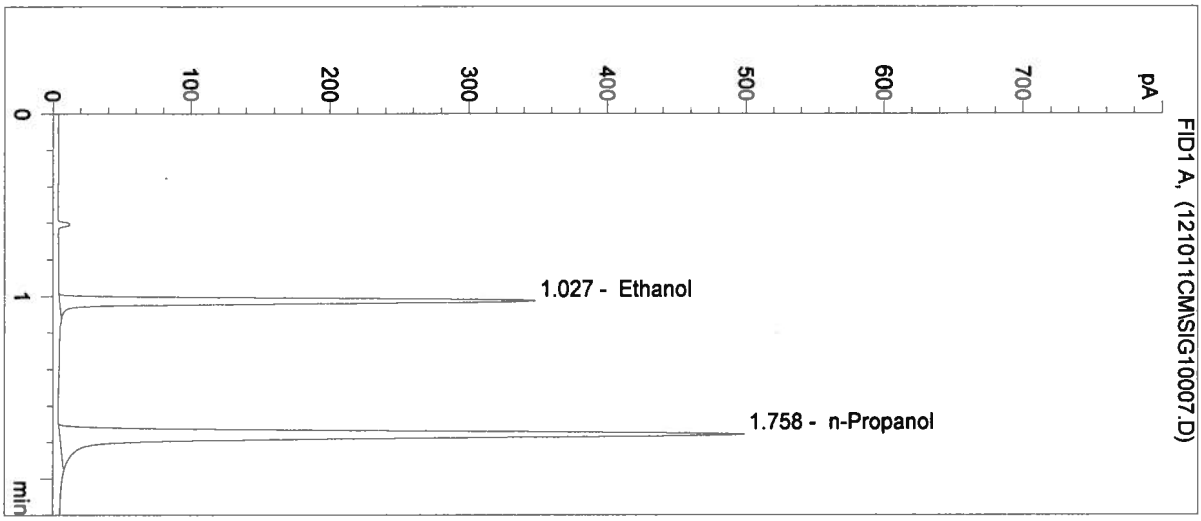
Data File: C:\HPCHEM\2\DATA\121011CM\SIG10006.D

CM

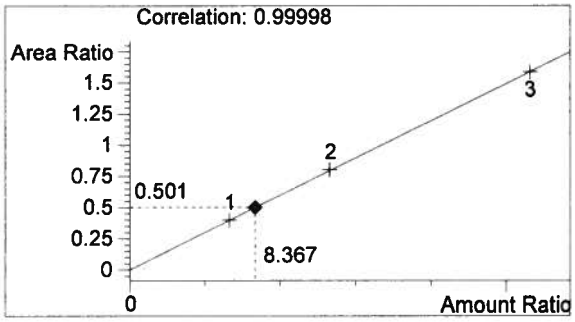
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:31:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

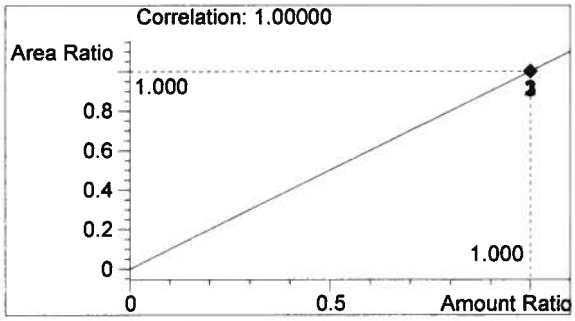
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.027
2	n-Propanol	1385	1.758



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

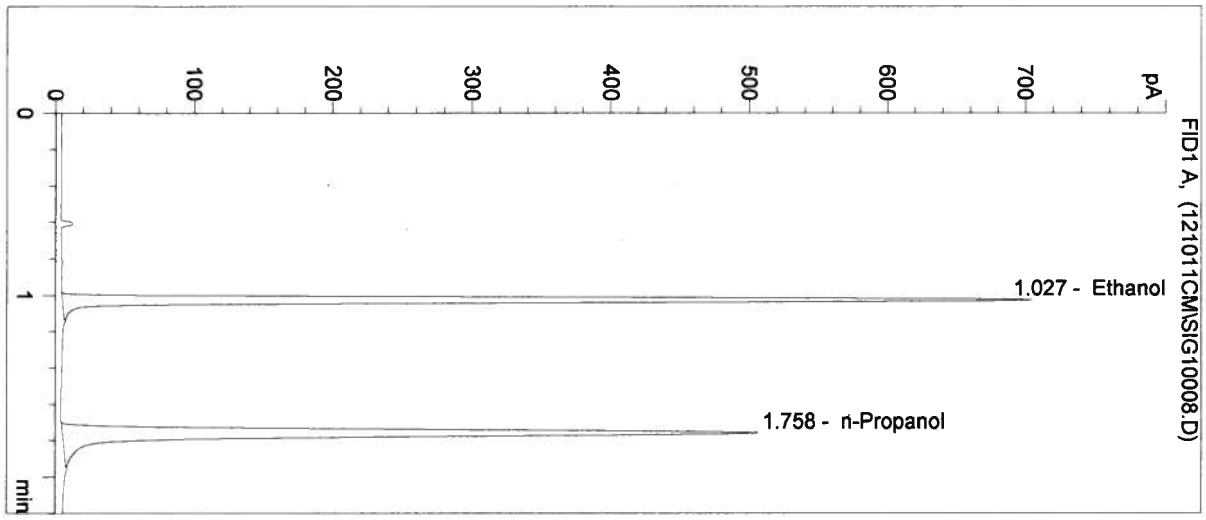
12046

Data File: C:\HPCHEM\2\DATA\121011CM\SIG10007.D

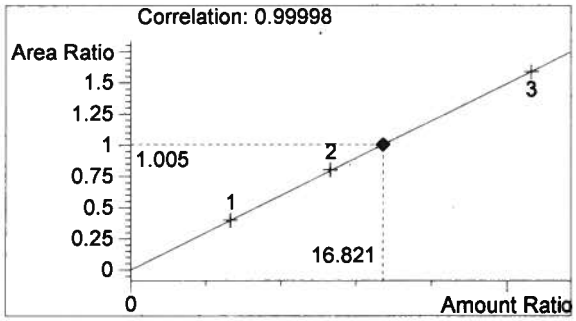
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:34:30 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

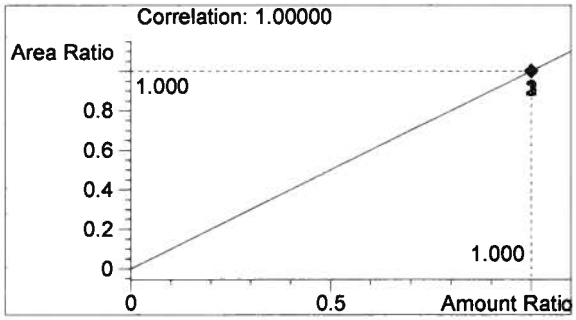
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1411	1.027
2	n-Propanol	1404	1.758



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

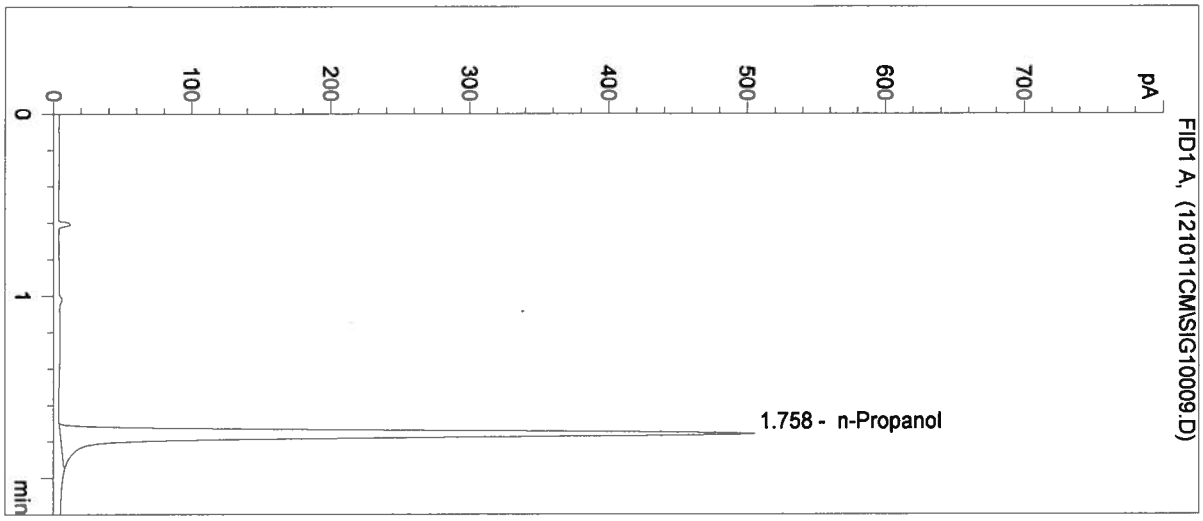
12046

Data File: C:\HPCHEM\2\DATA\121011CM\SIG10008.D

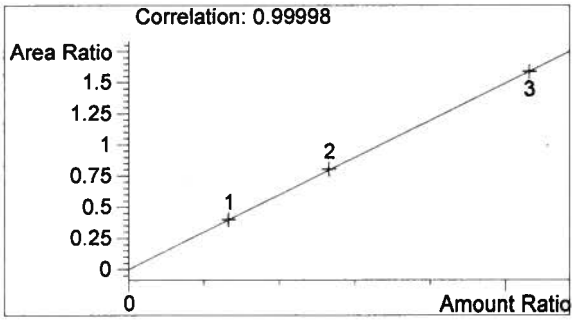
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:37:38 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

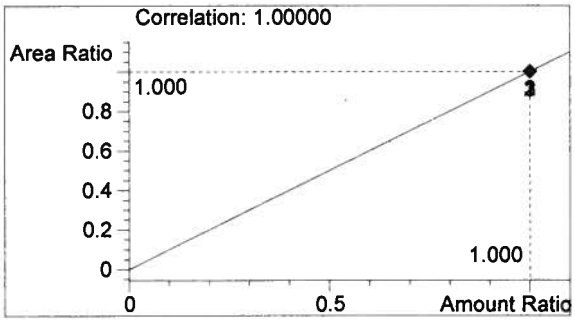
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1401	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

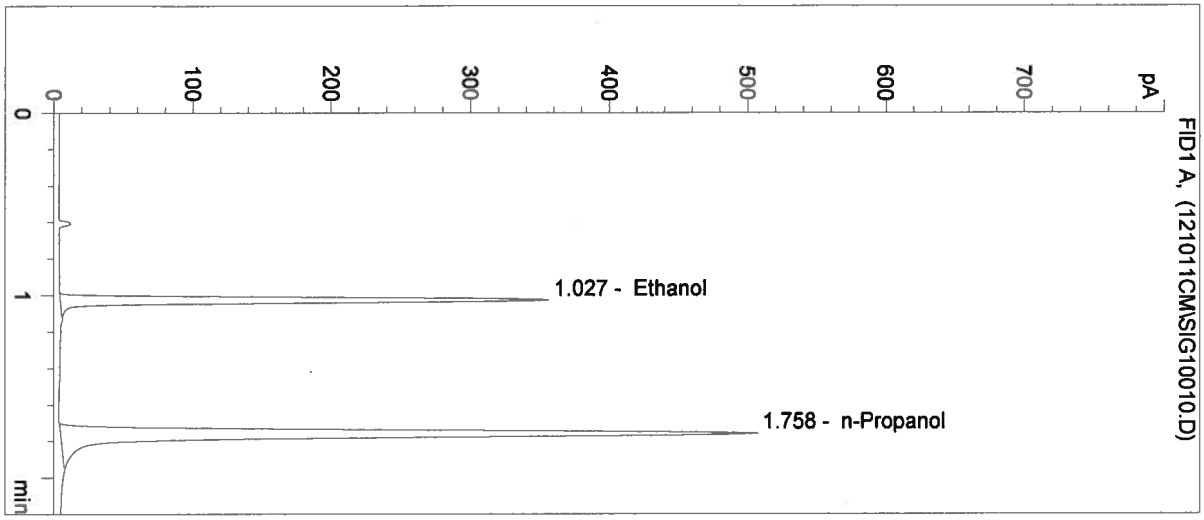
12046

Data File: C:\HPCHEM\2\DATA\121011CM\SIG10009.D

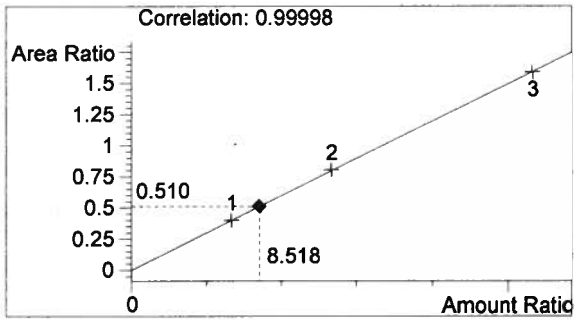
CM

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

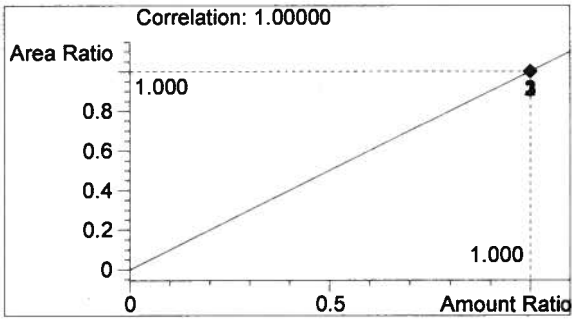
Inj. Date: 10/11/2012 11:40:46 AM
Sample Name: 12046 #1
Instrument: HSGC#3
Operator: Christie Mitchell-Mata
Column: DB-ALC2
Location: Vial 10
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	719	1.027
2	n-Propanol	1410	1.758



Ethanol 0.102 g/100mL



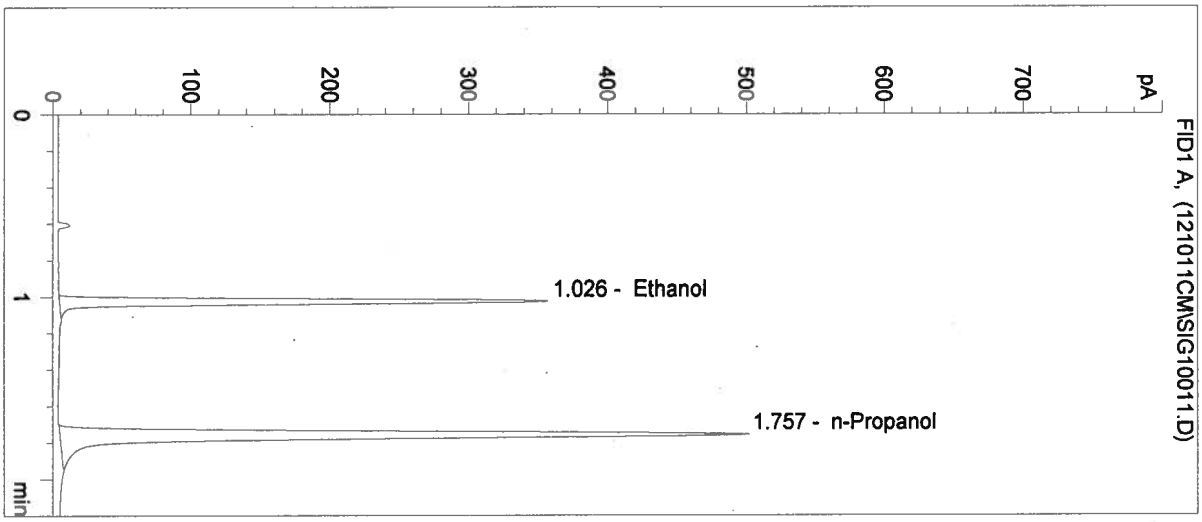
n-Propanol 0.012 g/100mL

CM

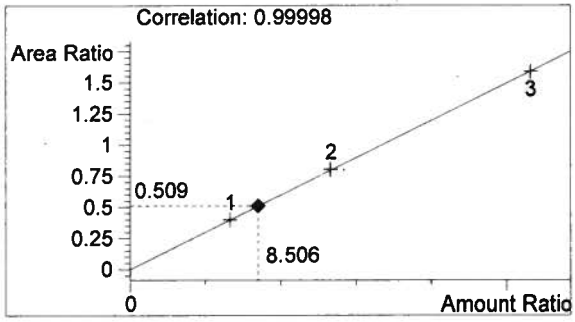
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:43:53 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

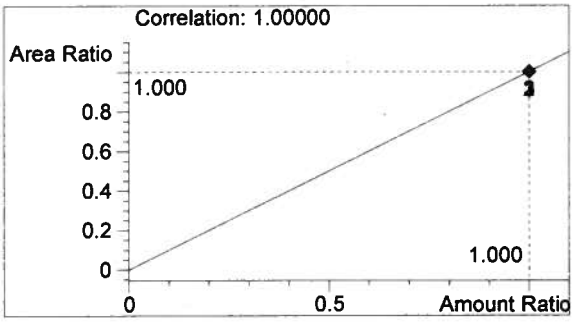
Sample Name: 12046 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	707	1.026
2	n-Propanol	1388	1.757



Ethanol 0.102 g/100mL



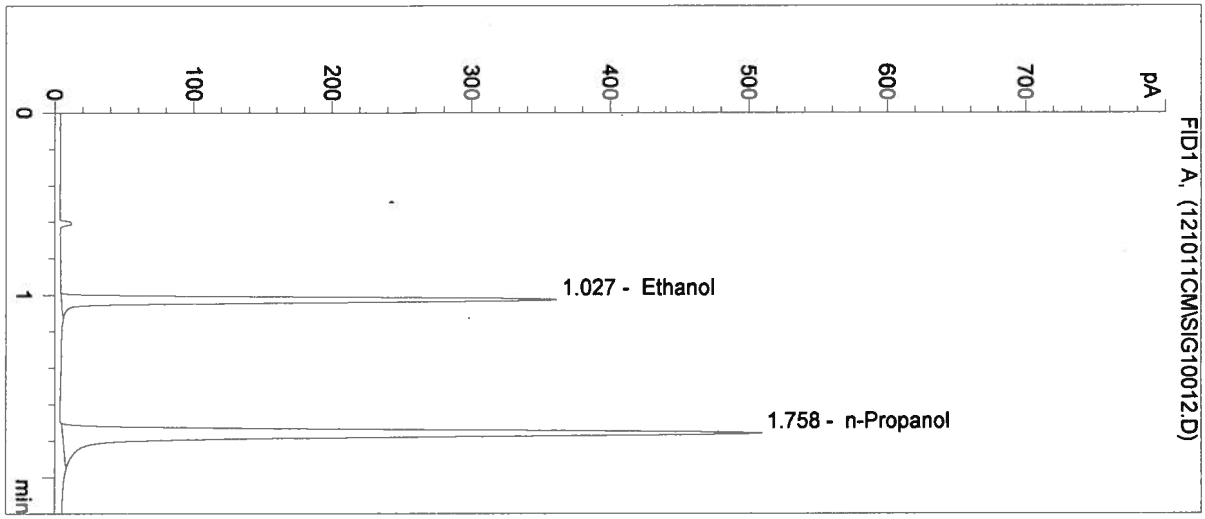
n-Propanol 0.012 g/100mL

CM

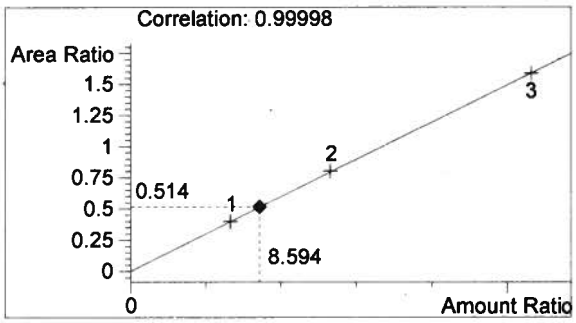
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:47:01 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

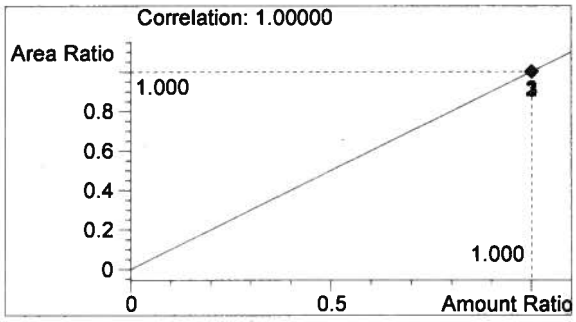
Sample Name: 12046 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.027
2	n-Propanol	1410	1.758



Ethanol 0.103 g/100mL

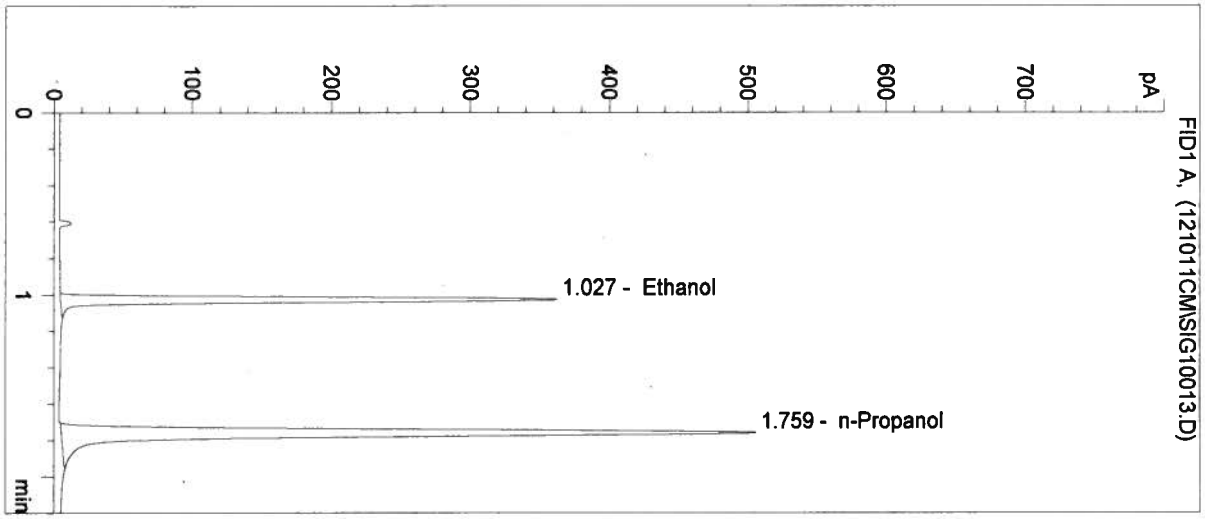


n-Propanol 0.012 g/100mL

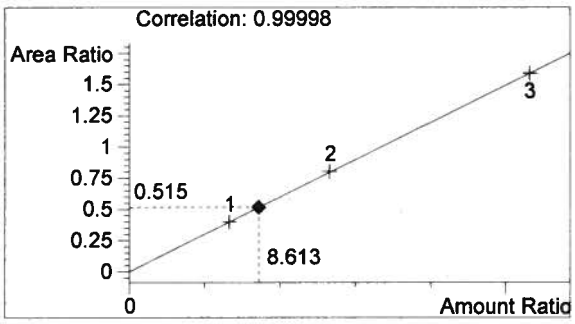
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:50:09 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

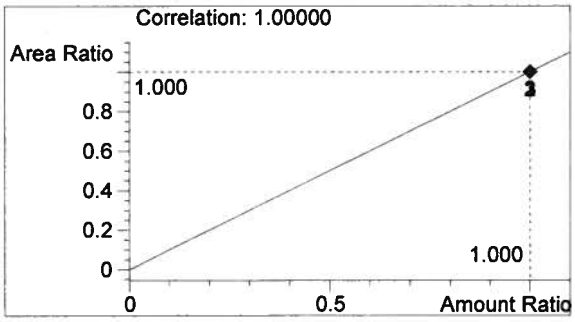
Sample Name: 12046 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.027
2	n-Propanol	1399	1.759



Ethanol 0.103 g/100mL



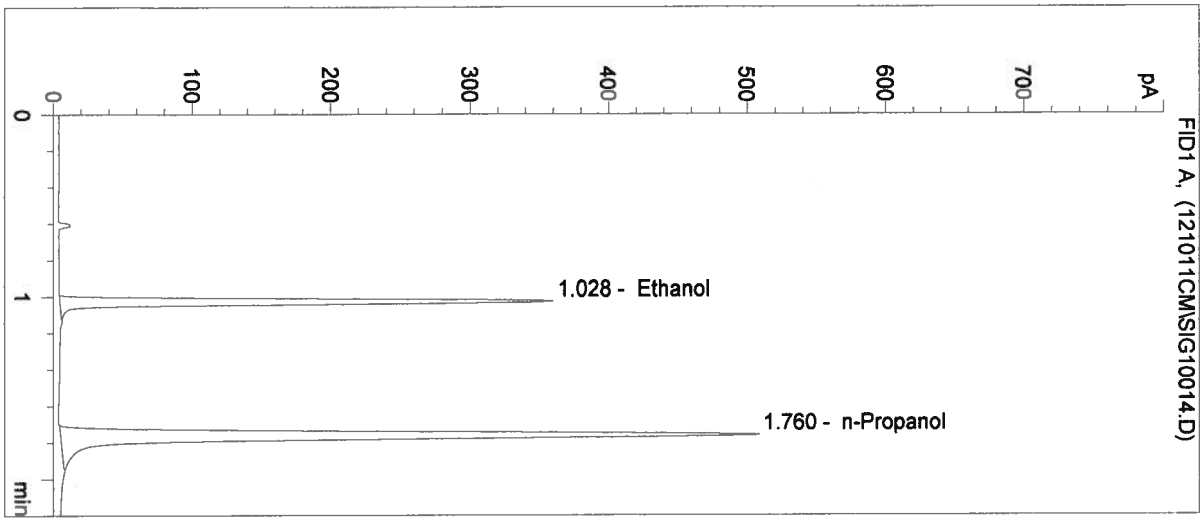
n-Propanol 0.012 g/100mL

CM

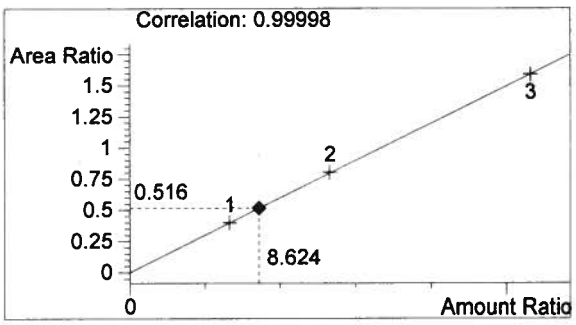
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:53:16 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

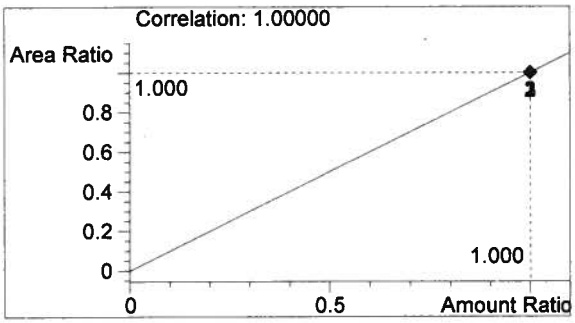
Sample Name: 12046 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.028
2	n-Propanol	1409	1.760



Ethanol 0.103 g/100mL



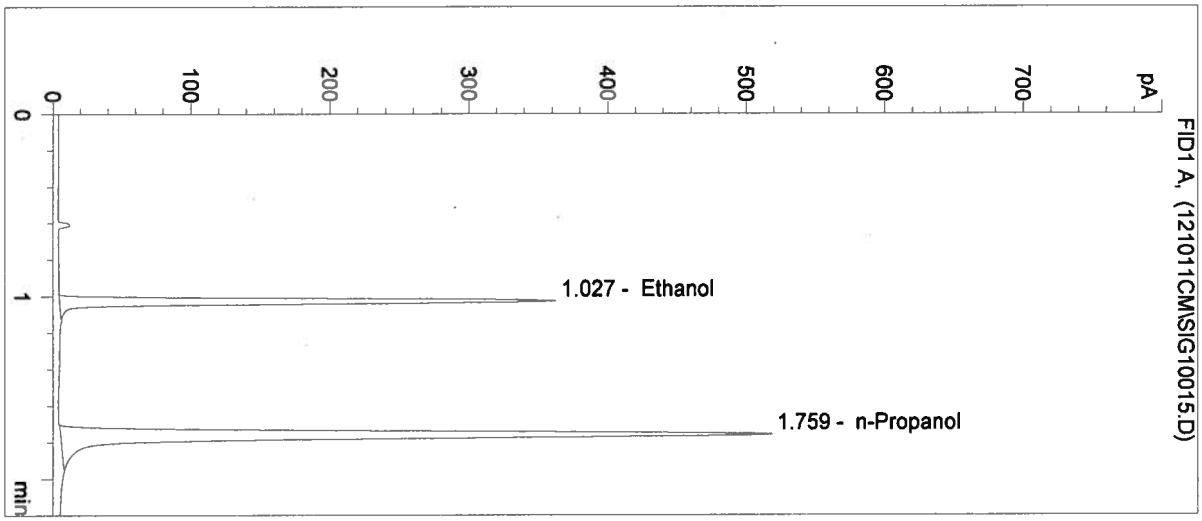
n-Propanol 0.012 g/100mL

CM

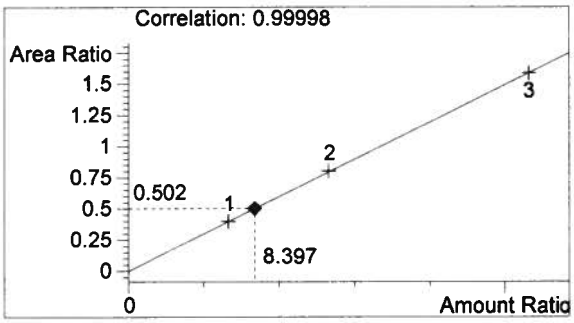
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:56:24 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

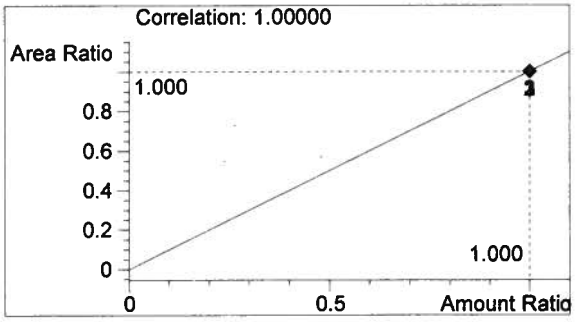
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.027
2	n-Propanol	1432	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12046

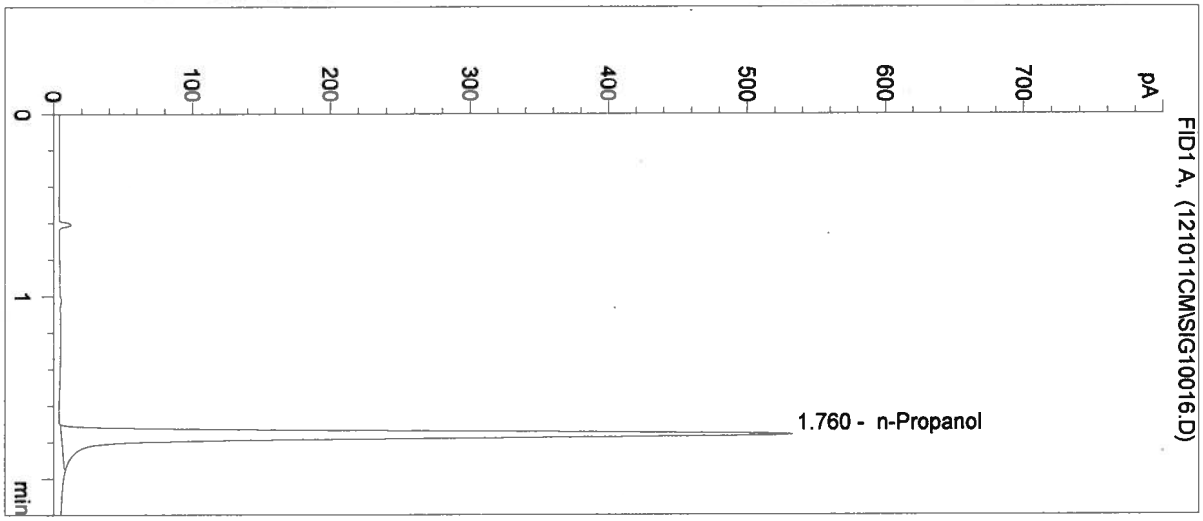
Data File: C:\HPCHEM\2\DATA\121011CM\SIG10015.D

CM

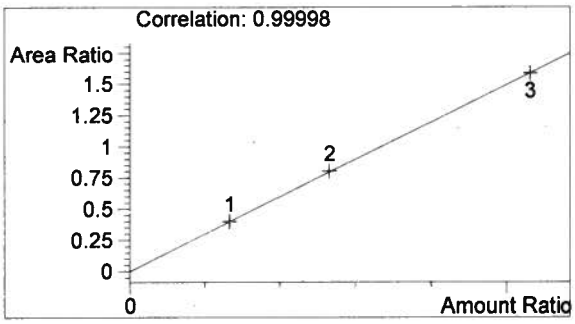
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 11:59:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

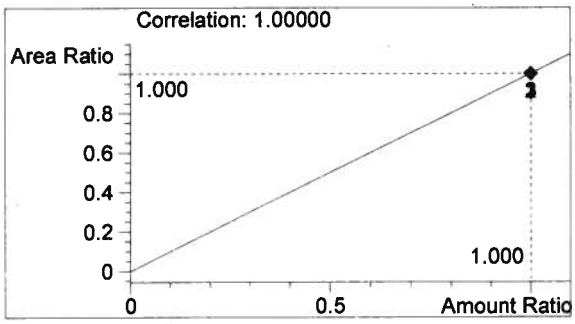
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1479	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

CM

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

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:	121011NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0912-01 Exp. 3/6/2013
Ethanol Calibrator 2-Lot#E0912-02 Exp. 3/6/2013
Ethanol Calibrator 3-Lot#E0912-03 Exp. 3/6/2013

0.04 Ethanol Control Lot#A077459 Exp 02/2015
0.10 Ethanol Control Lot#A083355 Exp 12/2015
0.20 Ethanol Control Lot#A084657 Exp 02/2016
n-propanol ISTD Lot#P0812 Exp. 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	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 1 NN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL 2 NN 10/11/12	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL 3 NN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

12046

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	

NN 10/11/1

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

Sequence Table (Back Injector):

No entries - empty table!

12046

Calibration Table

Calib. Data Modified : Thursday, October 11, 2012 3:24:17 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	568.39069	1.40467e-4	1		Ethanol
		2	1.59780e-1	1084.23132	1.47367e-4			
		3	3.19310e-1	2211.10889	1.44412e-4			
1.759	1	1	1.20000e-2	1398.52527	8.58047e-6	I1		n-Propanol
		2	1.20000e-2	1334.45874	8.99241e-6			
		3	1.20000e-2	1355.79663	8.85088e-6			

Peak Sum Table

No Entries in table

12046

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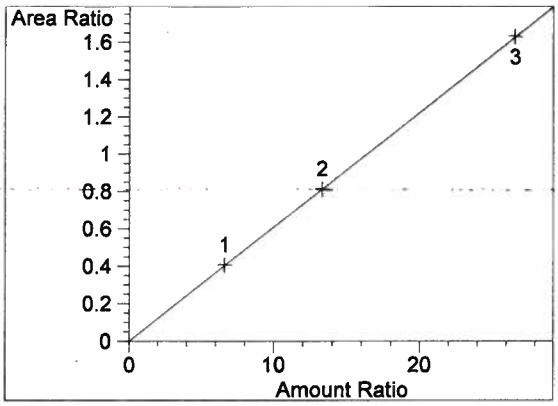
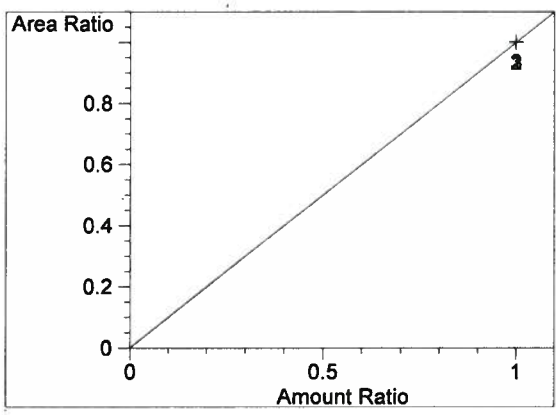
Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00207
Formula: y = mx + b
m: 6.12913e-2
b: -1.25754e-3
x: Amount Ratio
y: Area Ratio



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

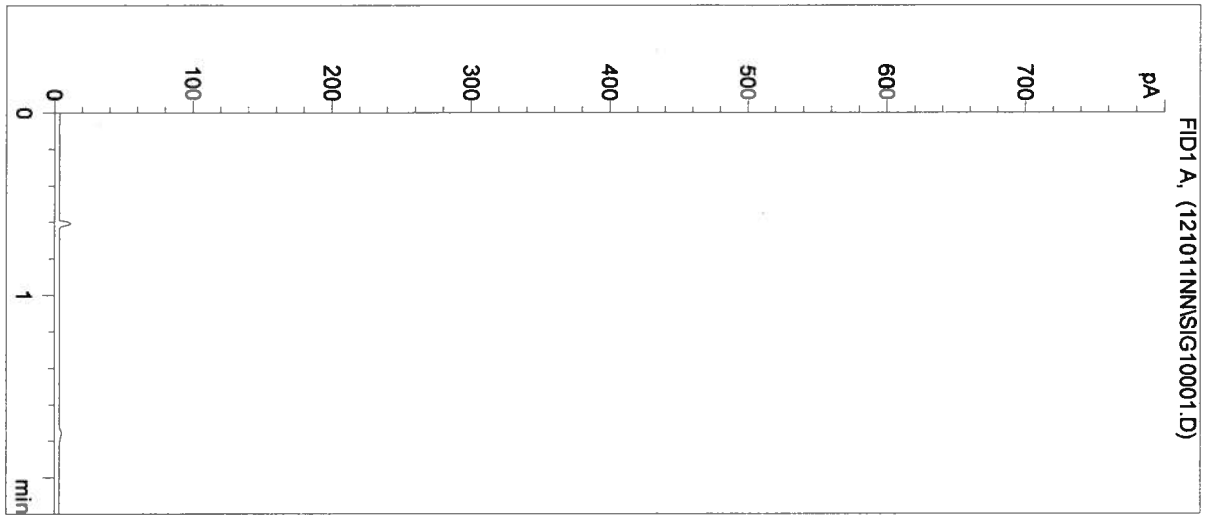
==========

12046

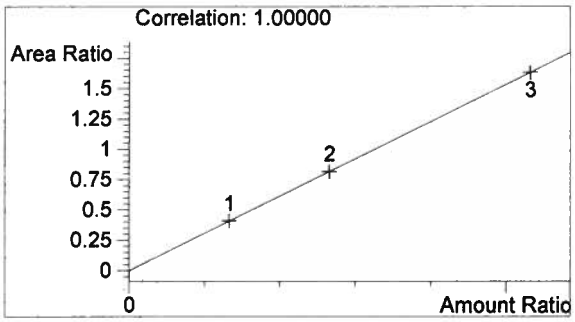
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:12:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

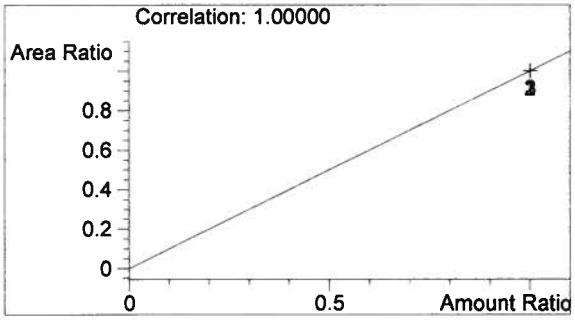
Sample Name: BLANK
Operator: Naziha Nuwayhid, PhD
Location: Vial 1



#	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

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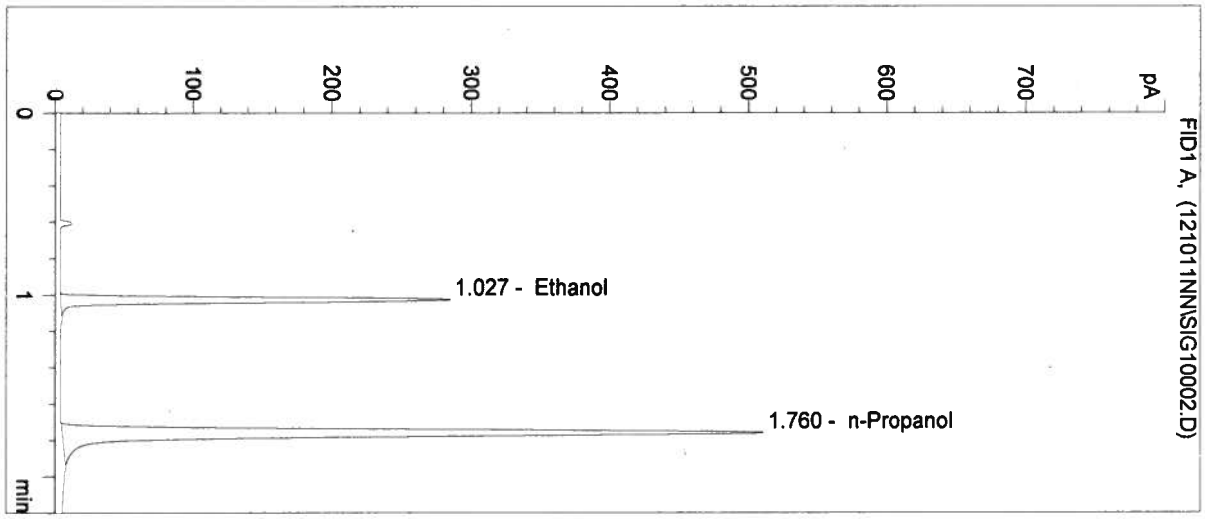
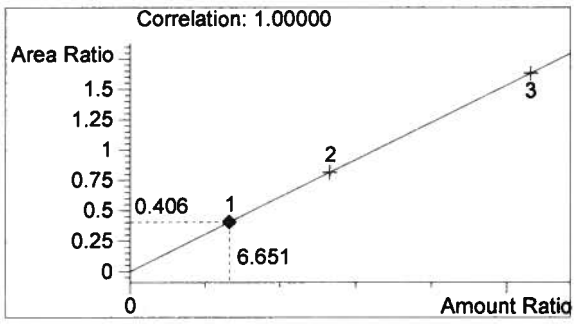
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:15:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

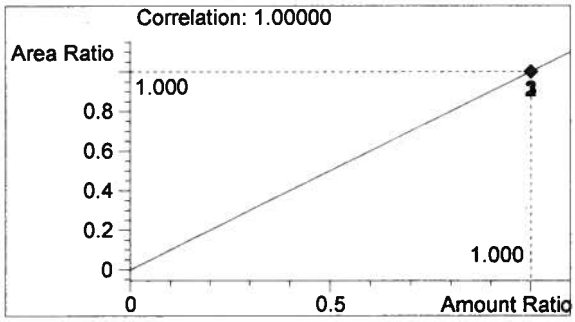
Sample Name: 0.079 CAL 1
Operator: Naziha Nuwayhid, PhD
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	568	1.027
2	n-Propanol	1399	1.760



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

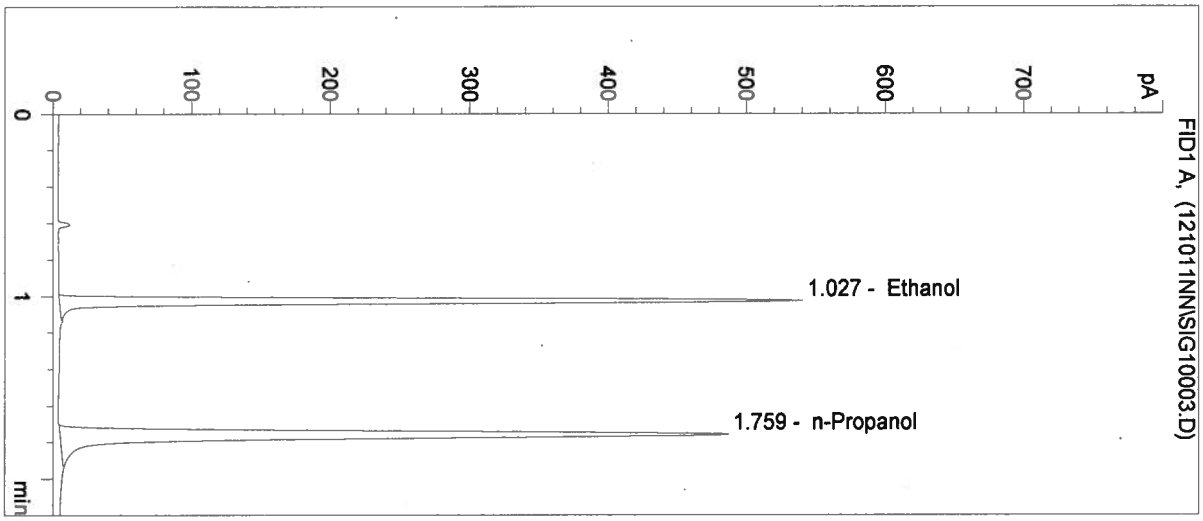
12046

NN 10/11/12

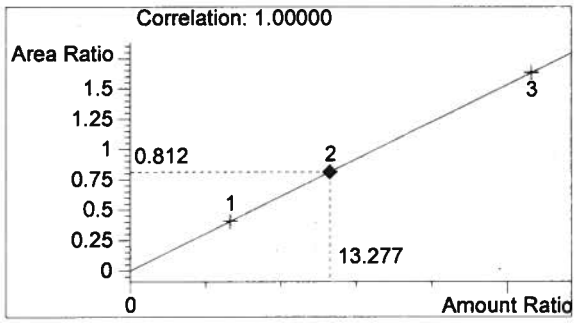
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:18:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

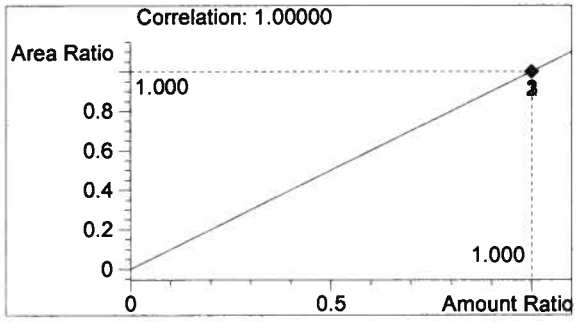
Sample Name: 0.158 CAL 2
Operator: Naziha Nuwayhid, PhD
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1084	1.027
2	n-Propanol	1334	1.759



Ethanol 0.159 g/100mL



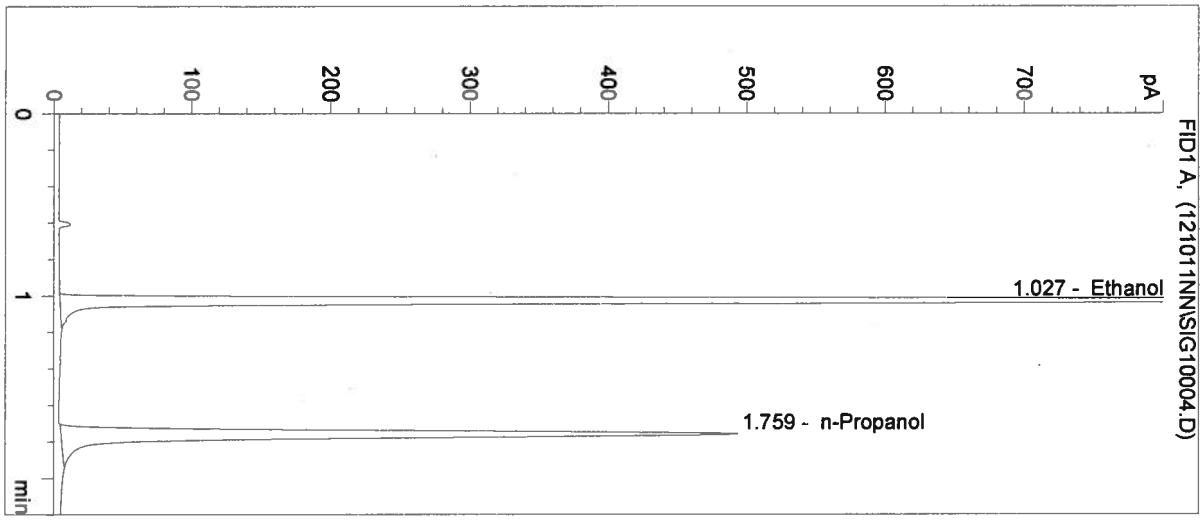
n-Propanol 0.012 g/100mL

12046

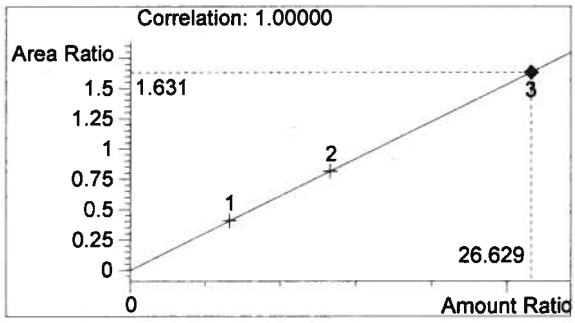
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:22:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

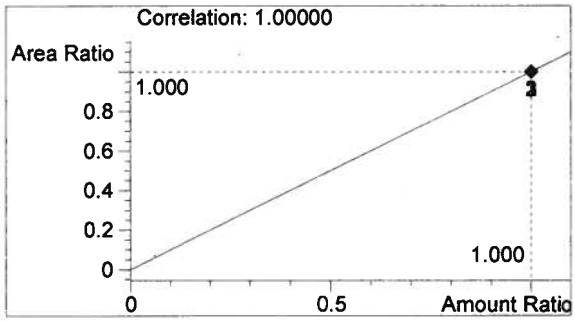
Sample Name: 0.316 CAL 3
Operator: Naziha Nuwayhid, PhD
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2211	1.027
2	n-Propanol	1356	1.759



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

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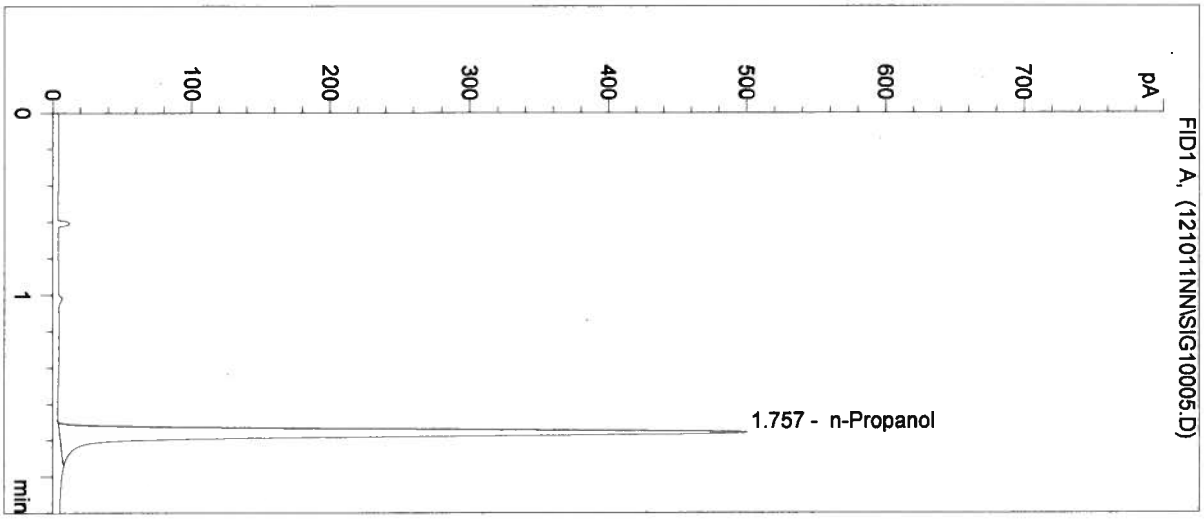
Data File: C:\HPCHEM\2\DATA\121011NN\SIG10004.D

NN 1.11.12

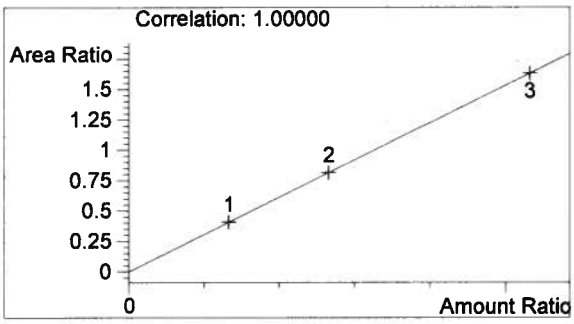
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:25:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

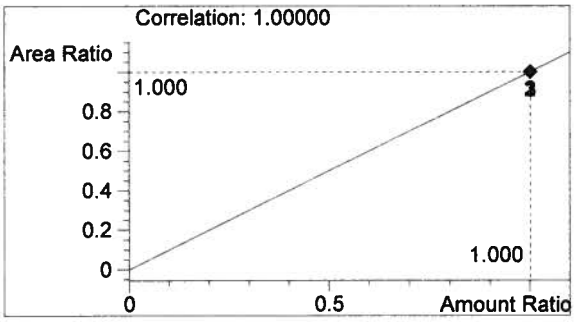
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 5



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



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

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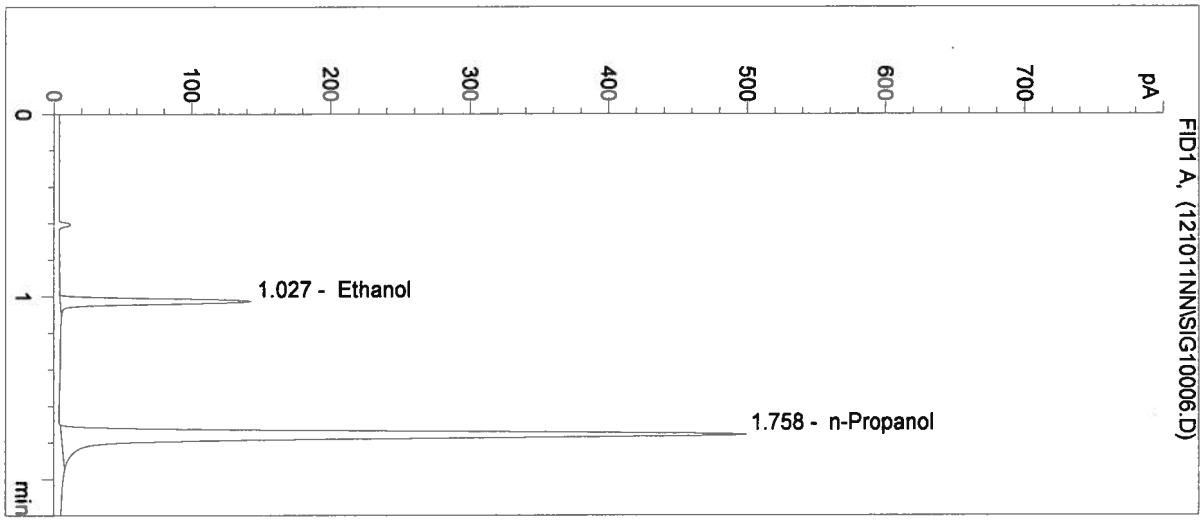
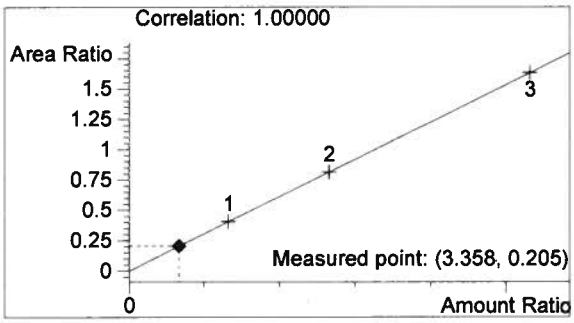
Inj. Date: 10/11/2012 3:28:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

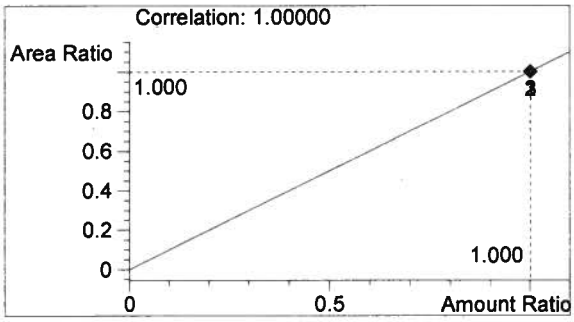
Sample Name: 0.04 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	280	1.027
2	n-Propanol	1370	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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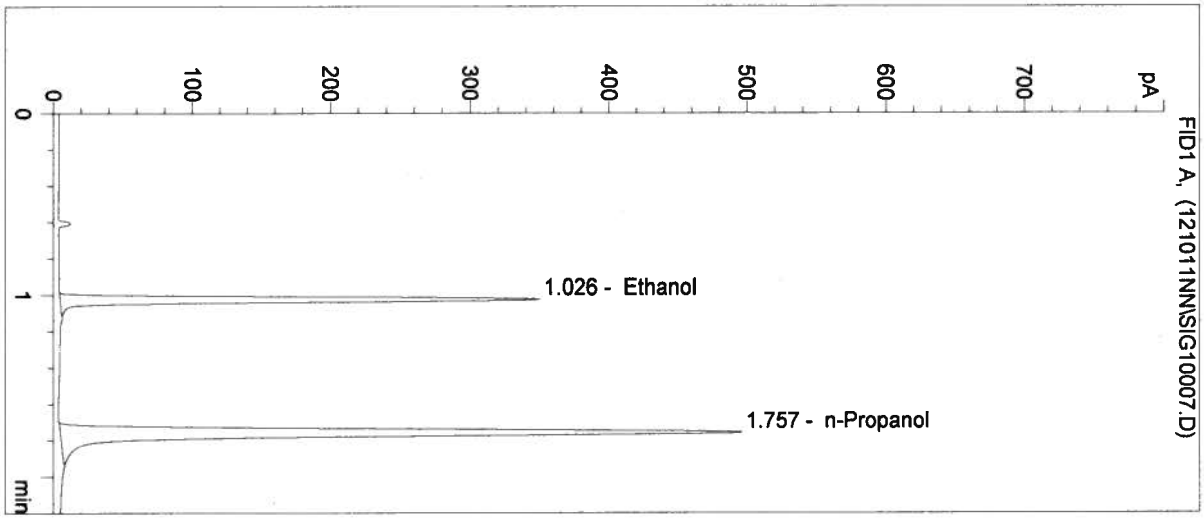
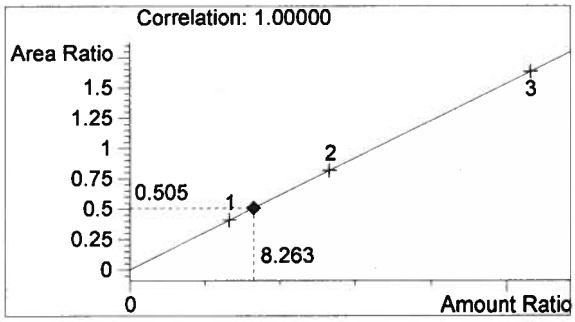
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:31:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

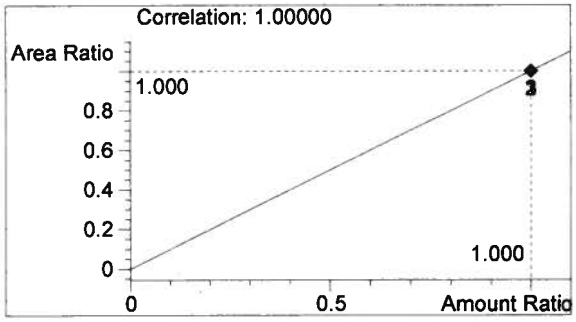
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	687	1.026
2	n-Propanol	1361	1.757



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

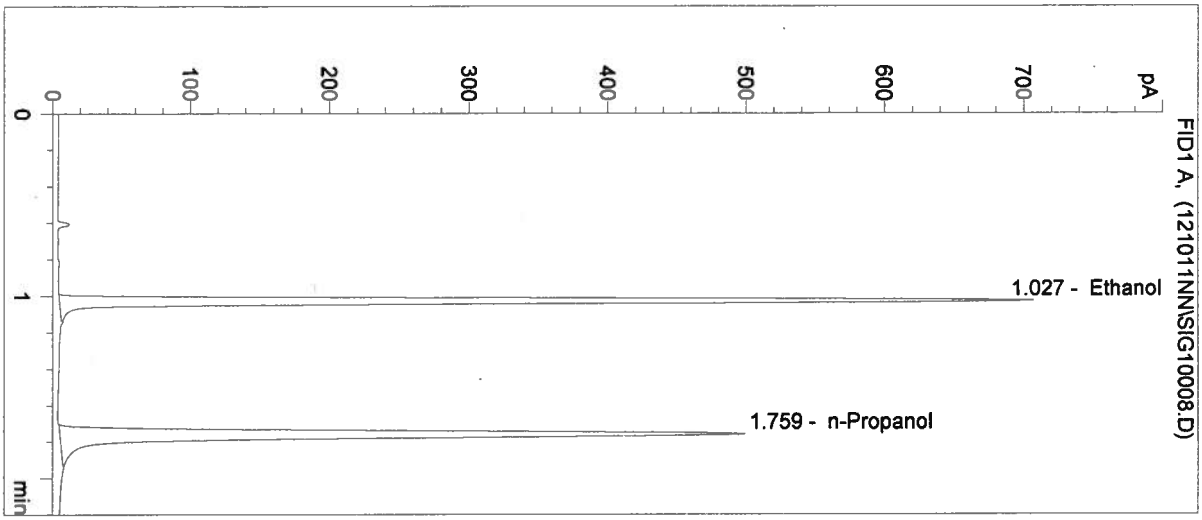
12046

NN 10/11/12

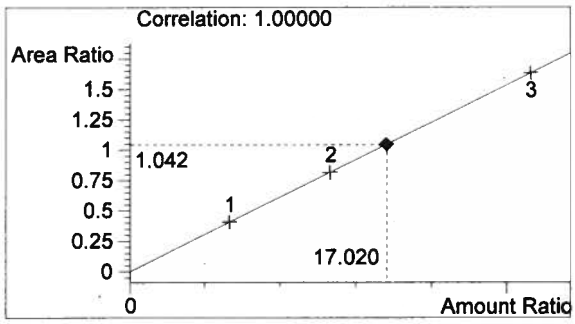
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:34:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

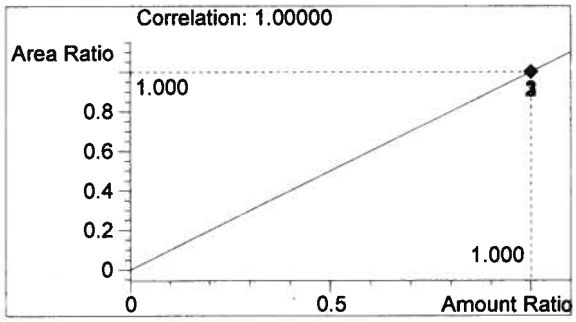
Sample Name: 0.20 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1427	1.027
2	n-Propanol	1369	1.759



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

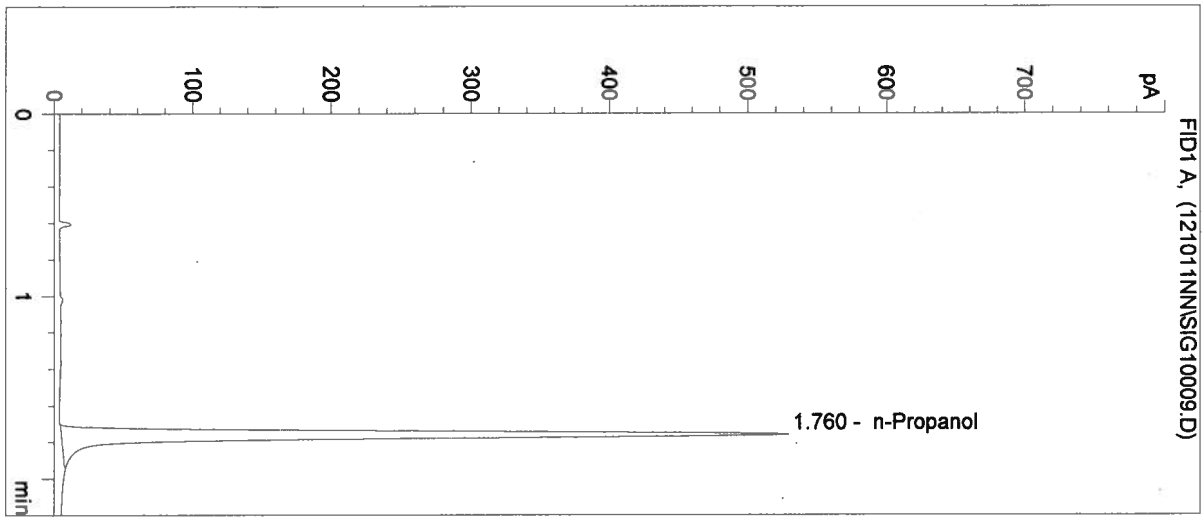
12046

NN initial

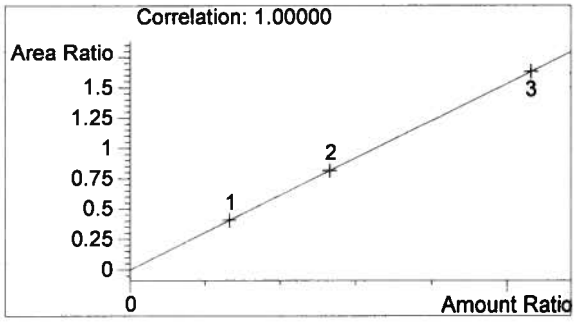
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:37:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

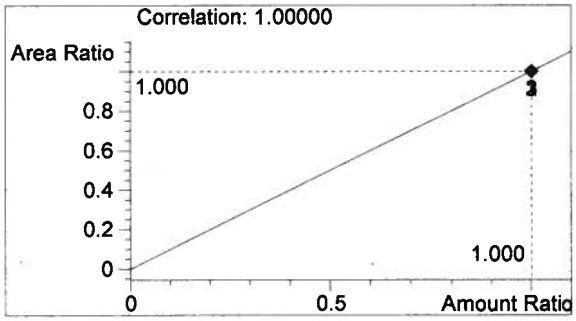
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1450	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

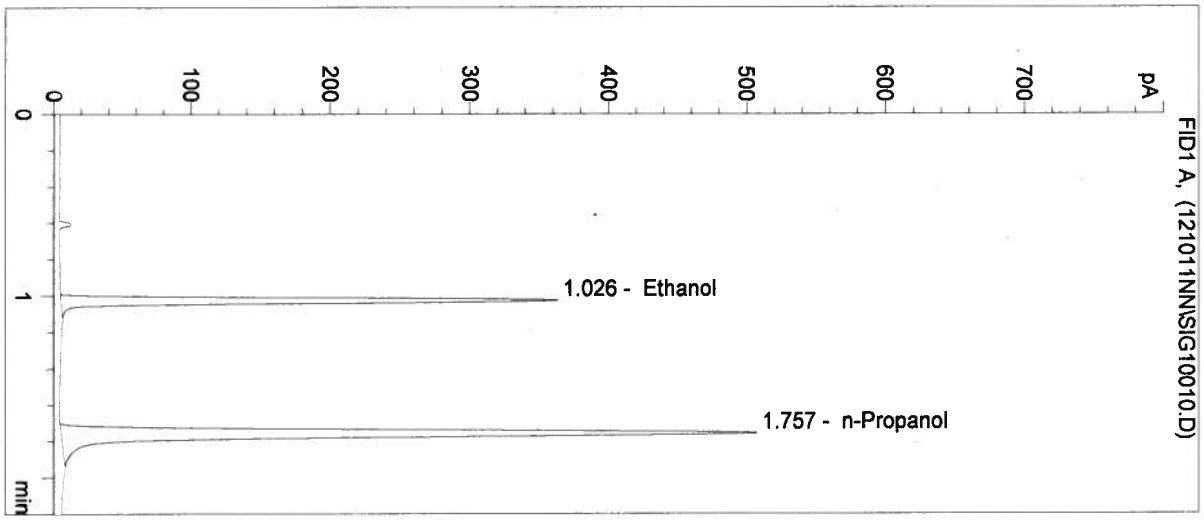
12046

NW

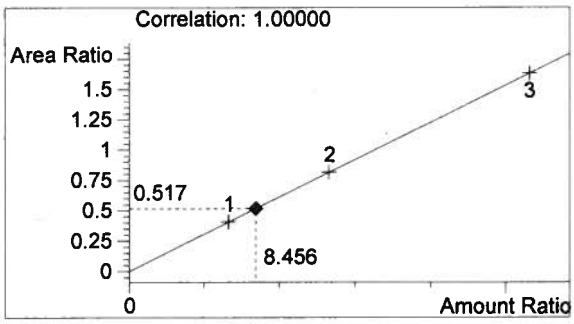
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:40:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

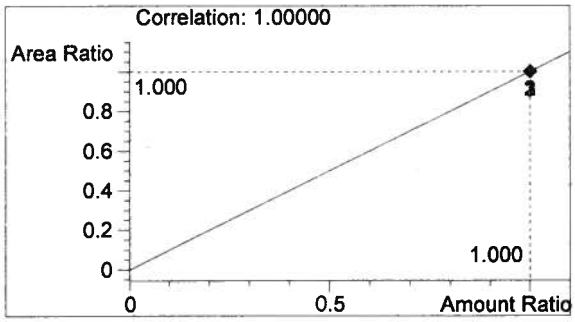
Sample Name: 12046 #1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.026
2	n-Propanol	1396	1.757



Ethanol 0.101 g/100mL



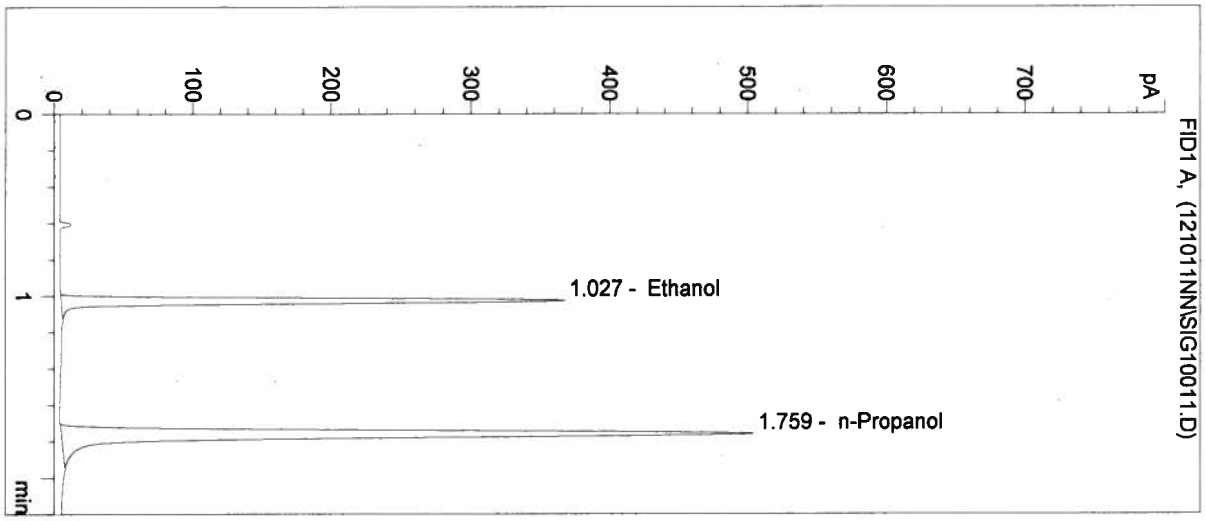
n-Propanol 0.012 g/100mL

NN

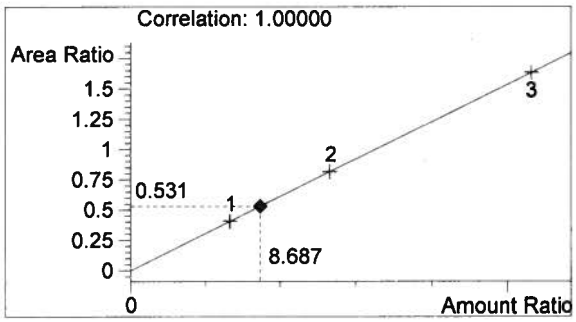
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:43:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

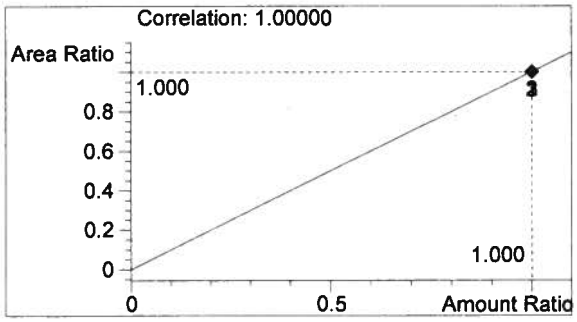
Sample Name: 12046 #2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	734	1.027
2	n-Propanol	1382	1.759



Ethanol 0.104 g/100mL



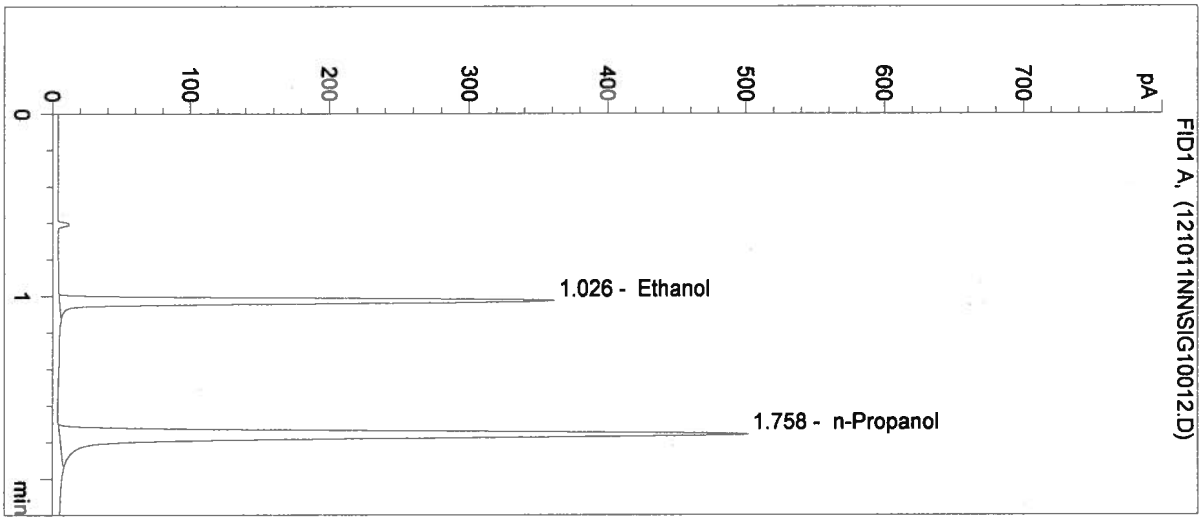
n-Propanol 0.012 g/100mL

NN

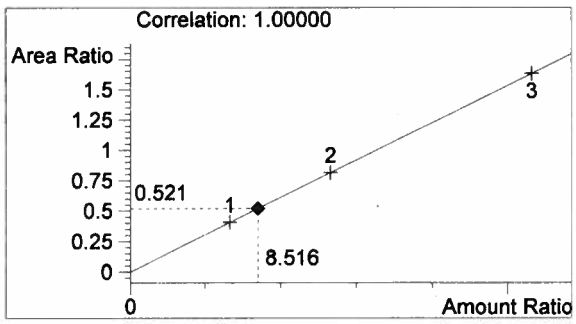
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:47:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

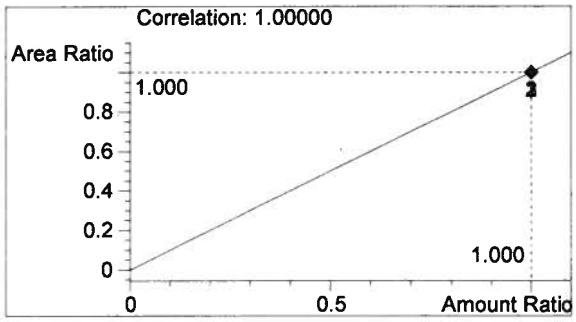
Sample Name: 12046 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.026
2	n-Propanol	1383	1.758



Ethanol 0.102 g/100mL



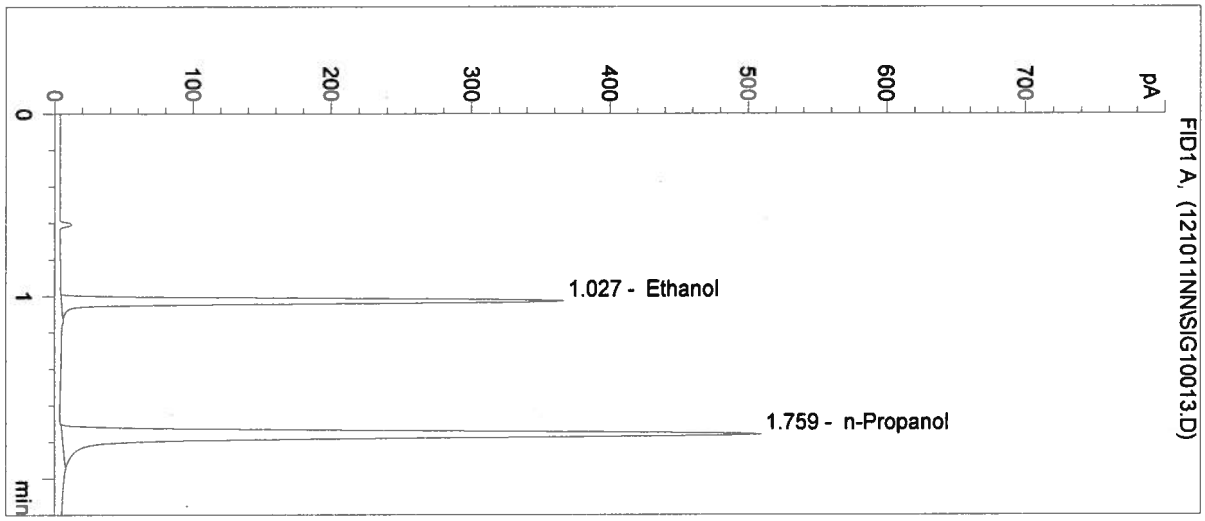
n-Propanol 0.012 g/100mL

NN 10/11/12

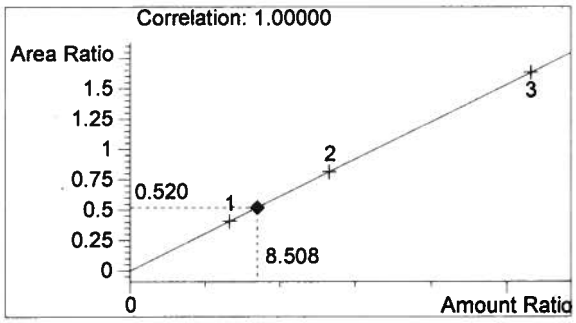
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:50:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

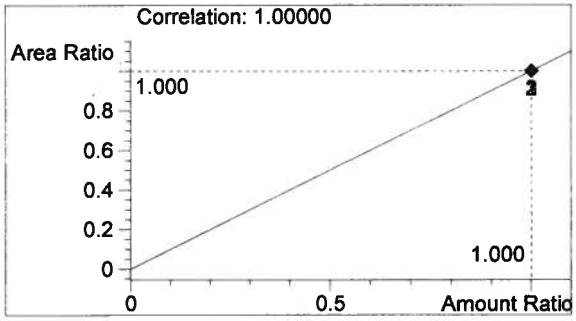
Sample Name: 12046 #4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.027
2	n-Propanol	1397	1.759



Ethanol 0.102 g/100mL



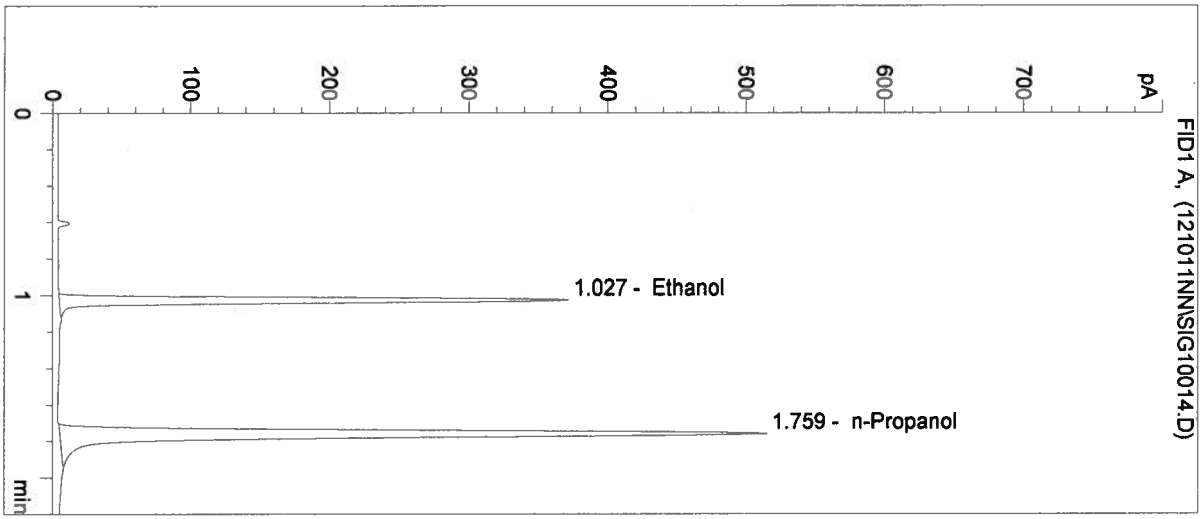
n-Propanol 0.012 g/100mL

NW 10/11/12

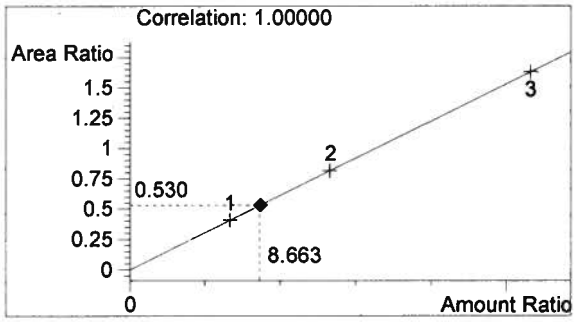
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:53:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

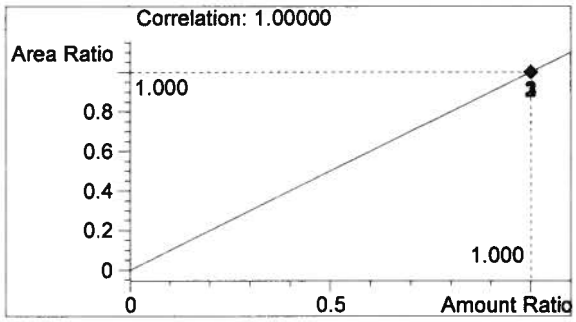
Sample Name: 12046 #5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	750	1.027
2	n-Propanol	1416	1.759



Ethanol 0.104 g/100mL



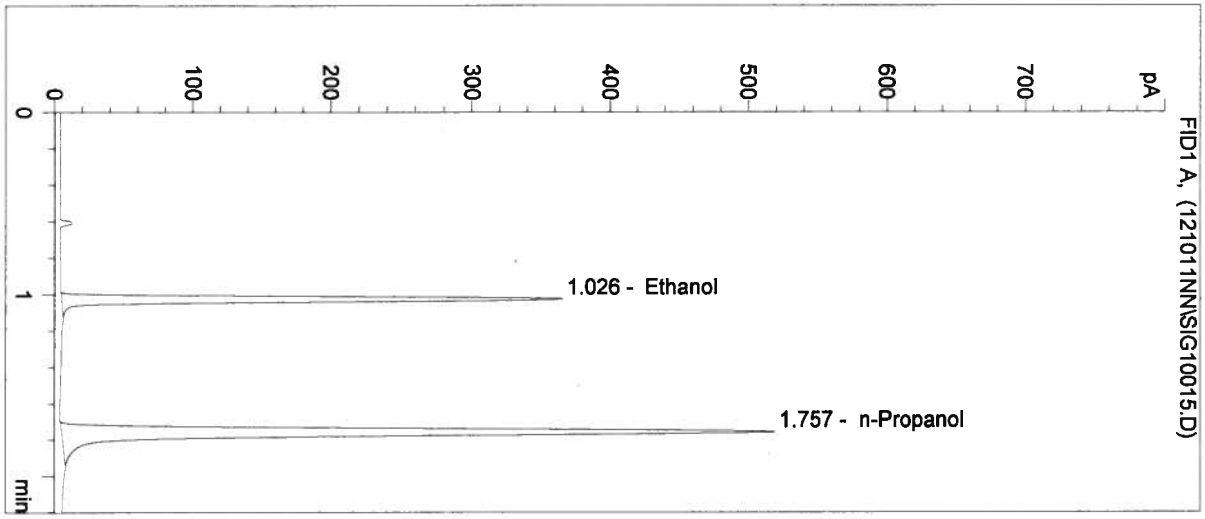
n-Propanol 0.012 g/100mL

NN 10/11/12

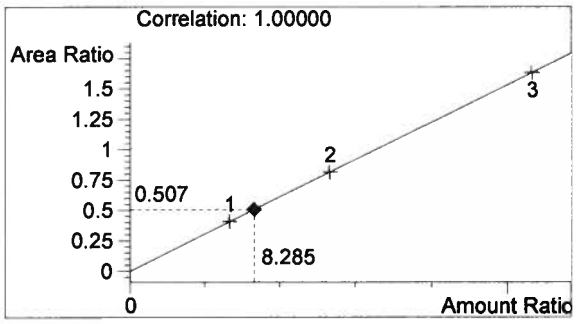
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:56:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

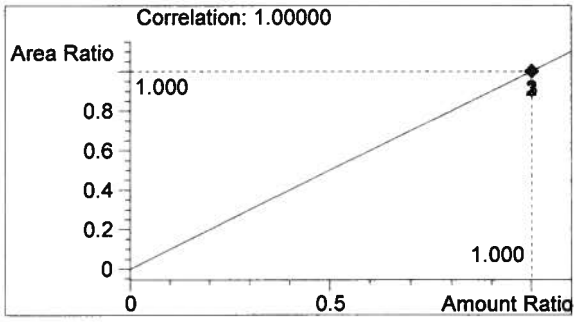
Sample Name: 0.10 CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.026
2	n-Propanol	1424	1.757



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

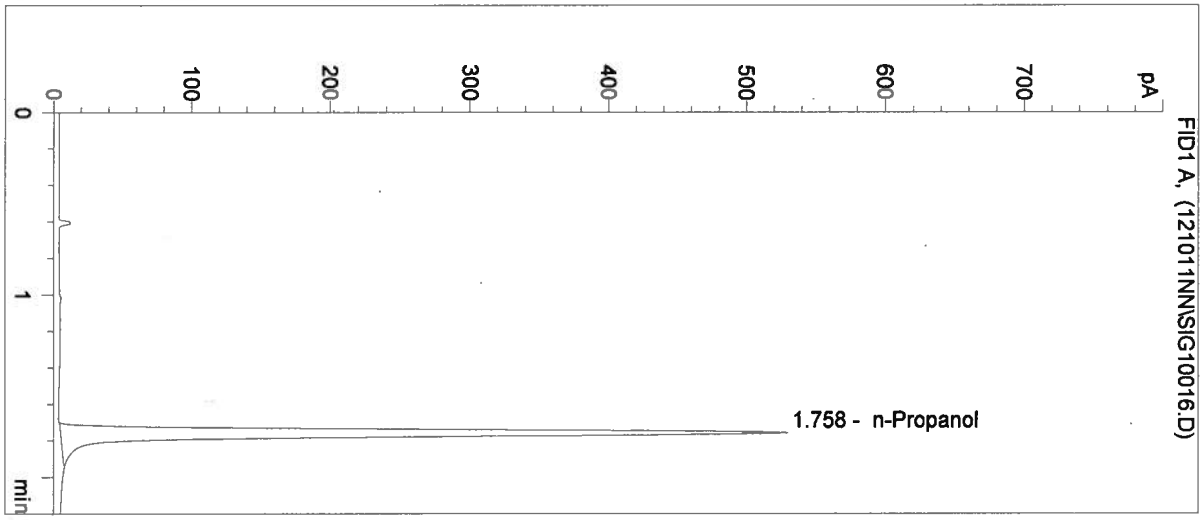
12046

NN 10/11/12

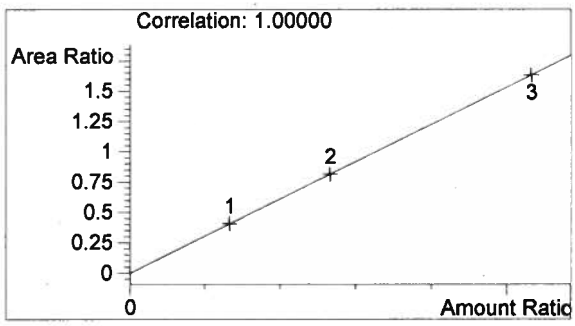
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 3:59:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

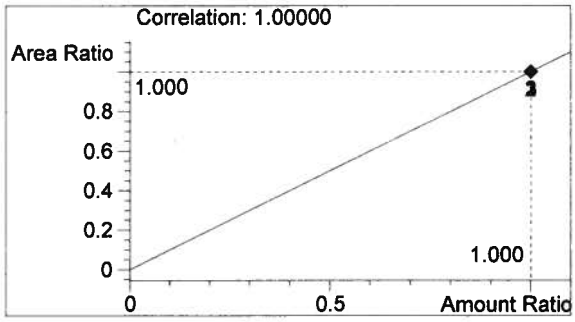
Sample Name: NEG CTRL
Operator: Naziha Nuwayhid, PhD
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1459	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

Data File: C:\HPCHEM\2\DATA\121011NN\SIG10016.D

NN
10/11/12

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:	121019RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	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	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #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		

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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	

RF

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

Sequence Table (Back Injector):

No entries - empty table!

12046

RF

Calibration Table

Calib. Data Modified : Friday, October 19, 2012 2:13:06 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.029	1	1	7.98400e-2	545.74408	1.46296e-4	1		Ethanol
		2	1.59780e-1	1121.71606	1.42442e-4			
		3	3.19310e-1	2258.35229	1.41391e-4			
1.761	1	1	1.20000e-2	1366.38953	8.78227e-6	I1		n-Propanol
		2	1.20000e-2	1379.85071	8.69659e-6			
		3	1.20000e-2	1378.38977	8.70581e-6			

Peak Sum Table

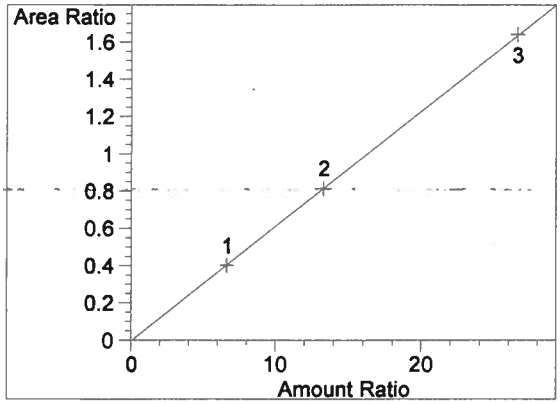
No Entries in table

12046

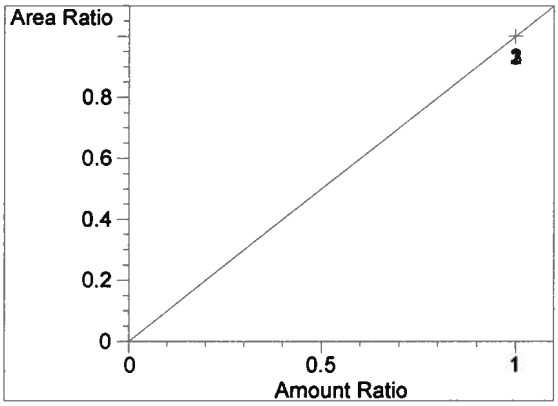
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.029
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00613
Formula: y = mx + b
m: 6.16751e-2
b: -5.48542e-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

==========

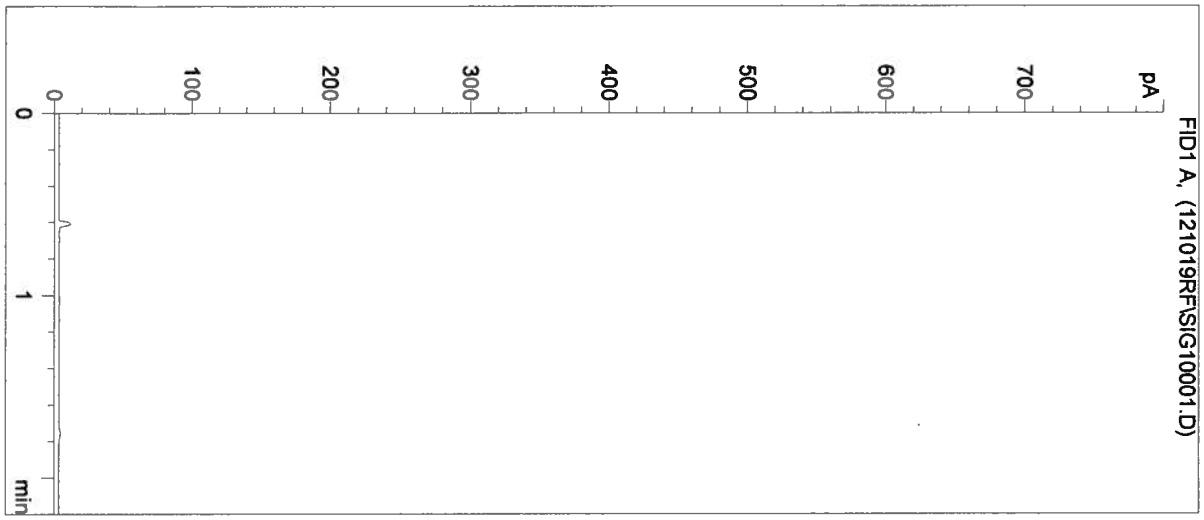
12046

RF

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

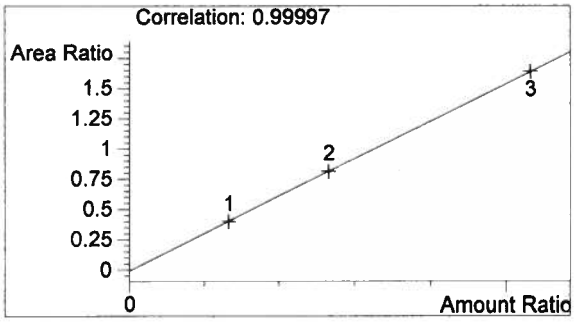
Inj. Date: 10/19/2012 2:01:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

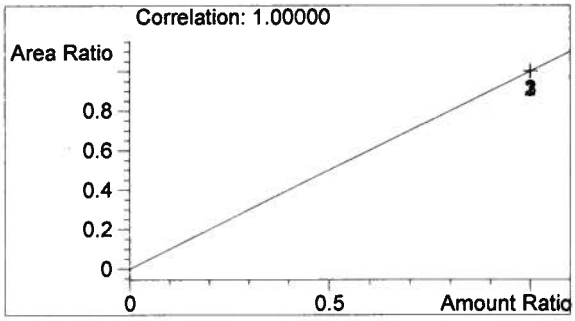


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

RF



Ethanol 0.000 g/100mL



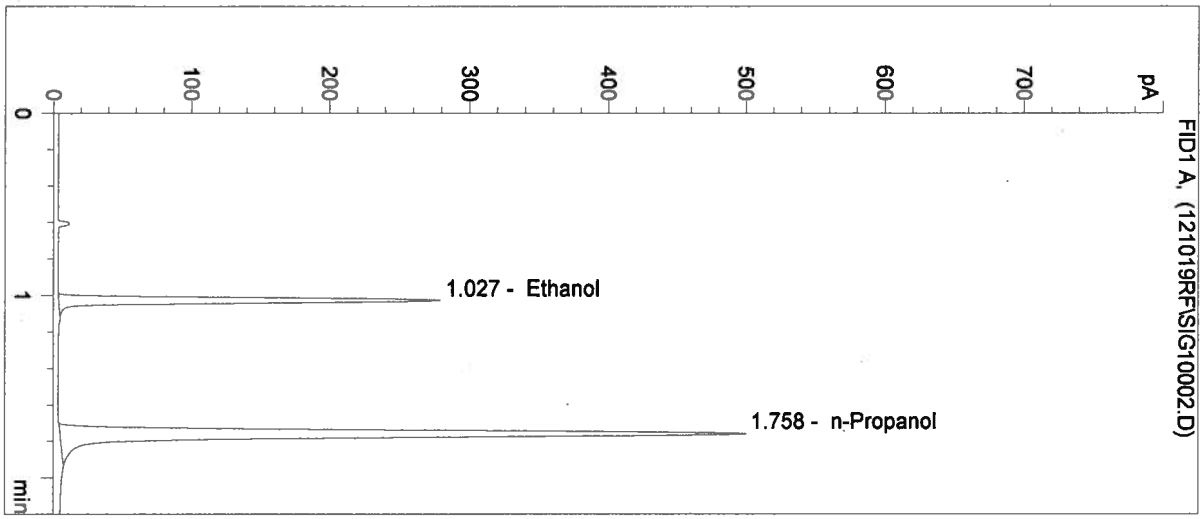
n-Propanol 0.000 g/100mL

12046

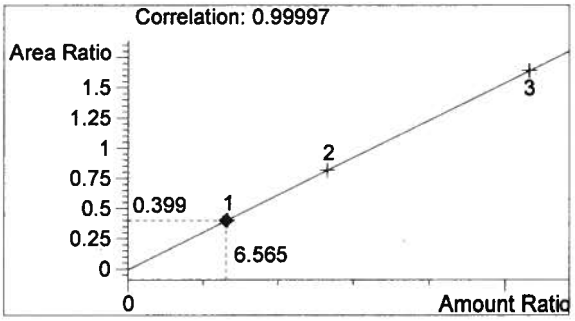
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 2:04:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

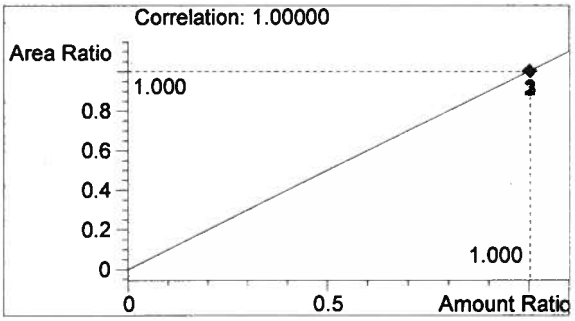
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	546	1.027
2	n-Propanol	1366	1.758



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

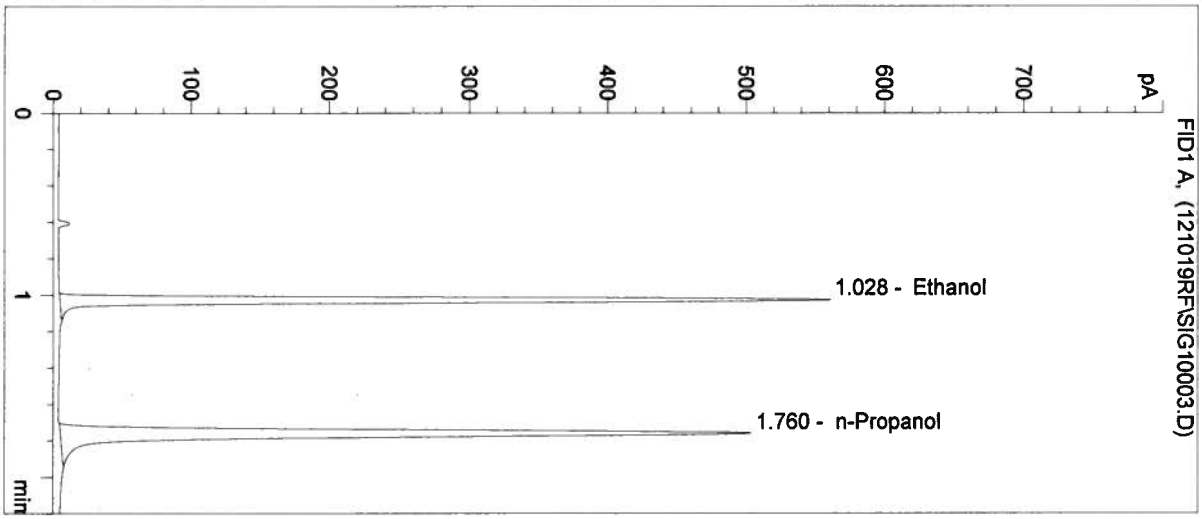
12046

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

Inj. Date: 10/19/2012 2:07:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

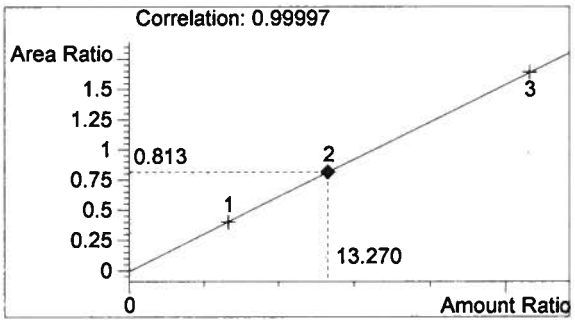
Sample Name: 0.158 CAL 2
Operator: Rebecca Flaherty
Location: Vial 3

->

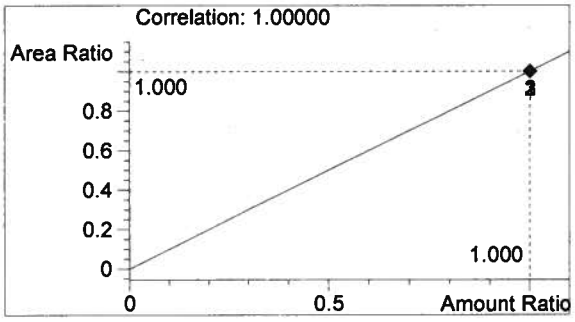


#	Compound	Peak Area	RT (min)
1	Ethanol	1122	1.028
2	n-Propanol	1380	1.760

RP



Ethanol 0.159 g/100mL



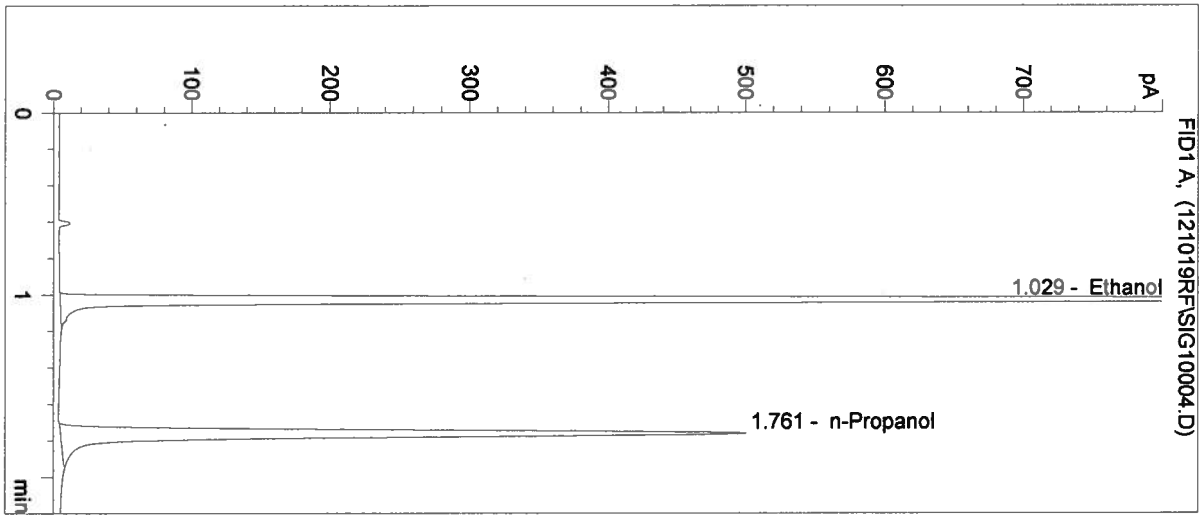
n-Propanol 0.012 g/100mL

12046

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

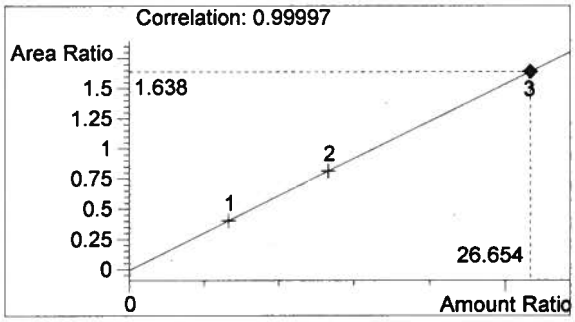
Inj. Date: 10/19/2012 2:10:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

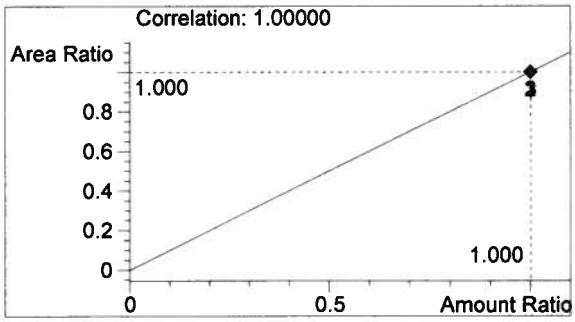


#	Compound	Peak Area	RT (min)
1	Ethanol	2258	1.029
2	n-Propanol	1378	1.761

RF



Ethanol 0.320 g/100mL



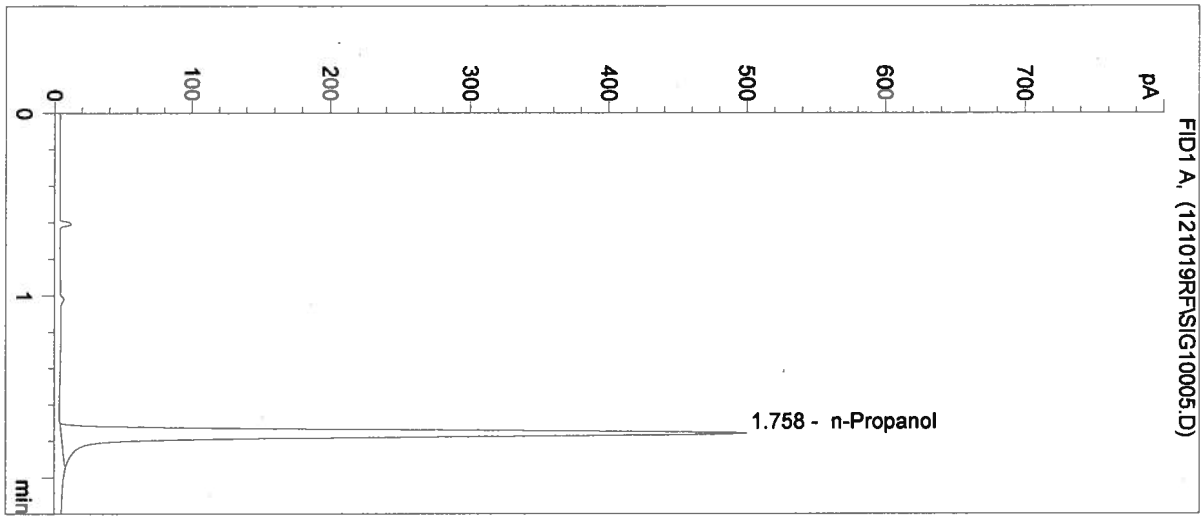
n-Propanol 0.012 g/100mL

12046

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

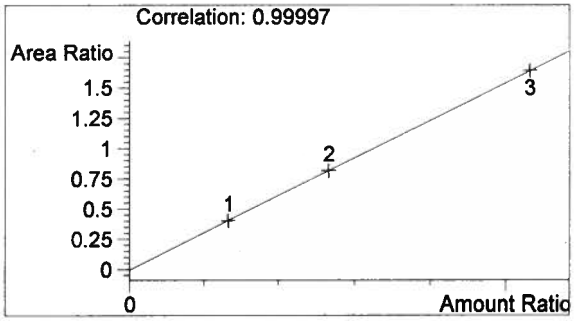
Inj. Date: 10/19/2012 2:14:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

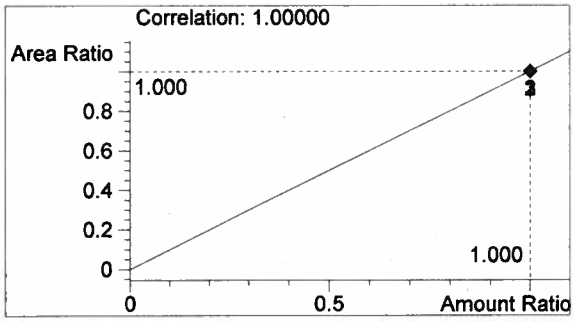


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1380	1.758

RF



Ethanol 0.000 g/100mL



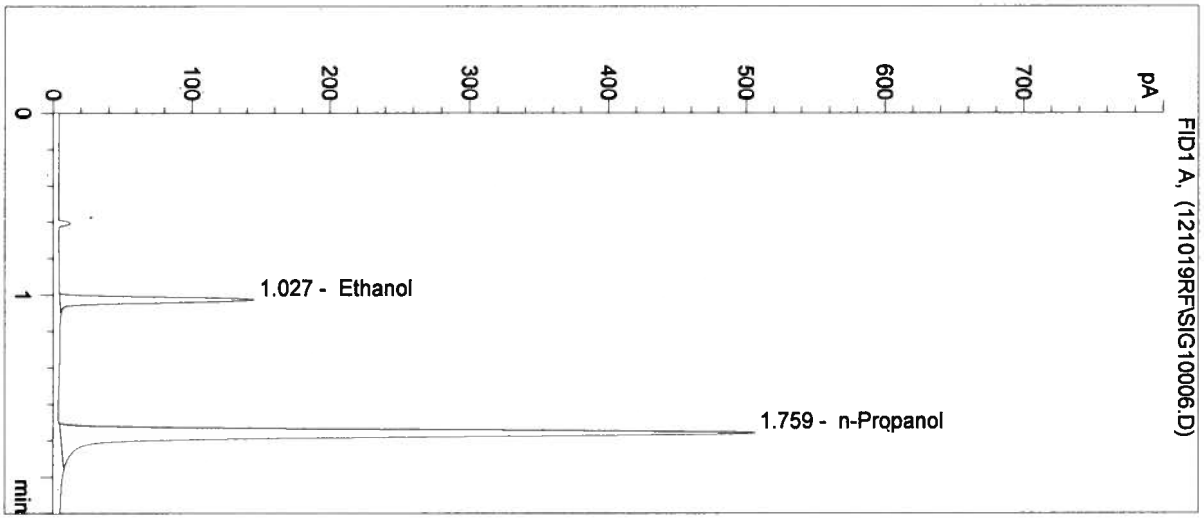
n-Propanol 0.012 g/100mL

12046

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

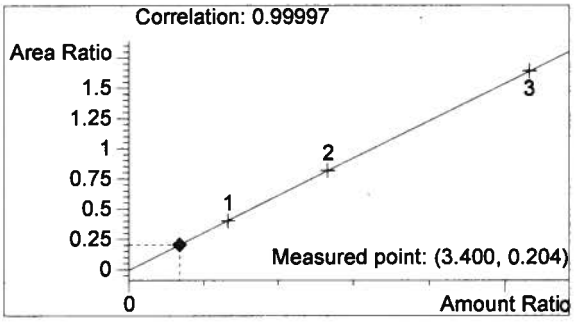
Inj. Date: 10/19/2012 2:17:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

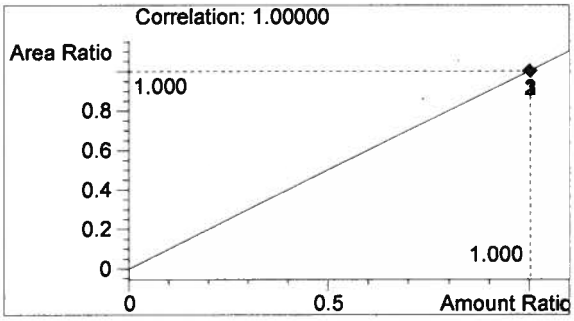


#	Compound	Peak Area	RT (min)
1	Ethanol	285	1.027
2	n-Propanol	1394	1.759

RF



Ethanol 0.041 g/100mL



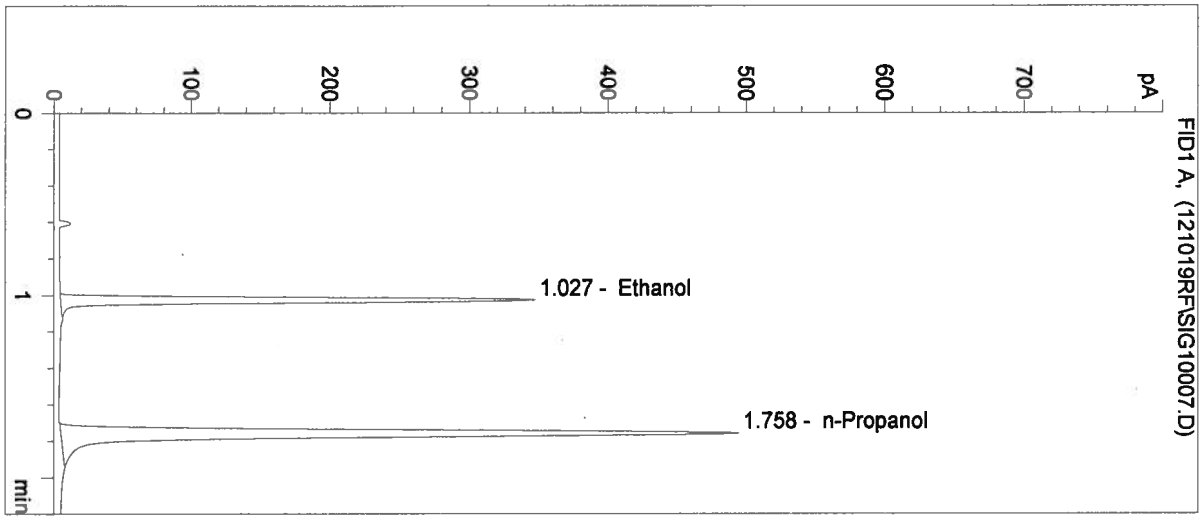
n-Propanol 0.012 g/100mL

12046

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

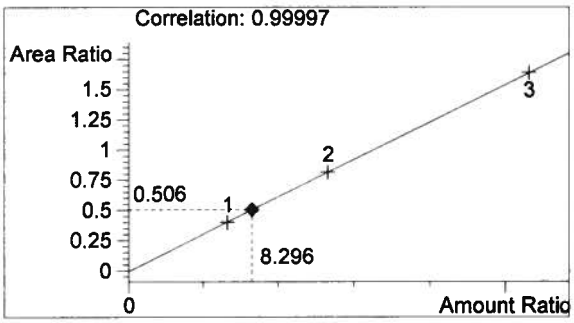
Inj. Date: 10/19/2012 2:20:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

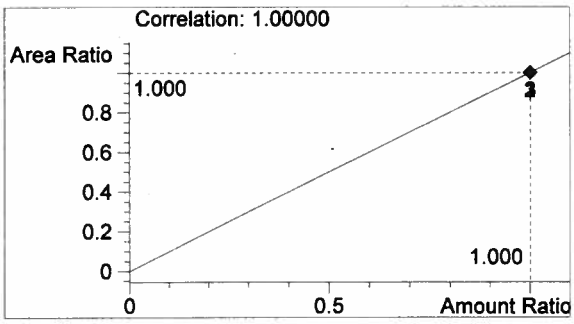


#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.027
2	n-Propanol	1367	1.758

RG



Ethanol 0.100 g/100mL



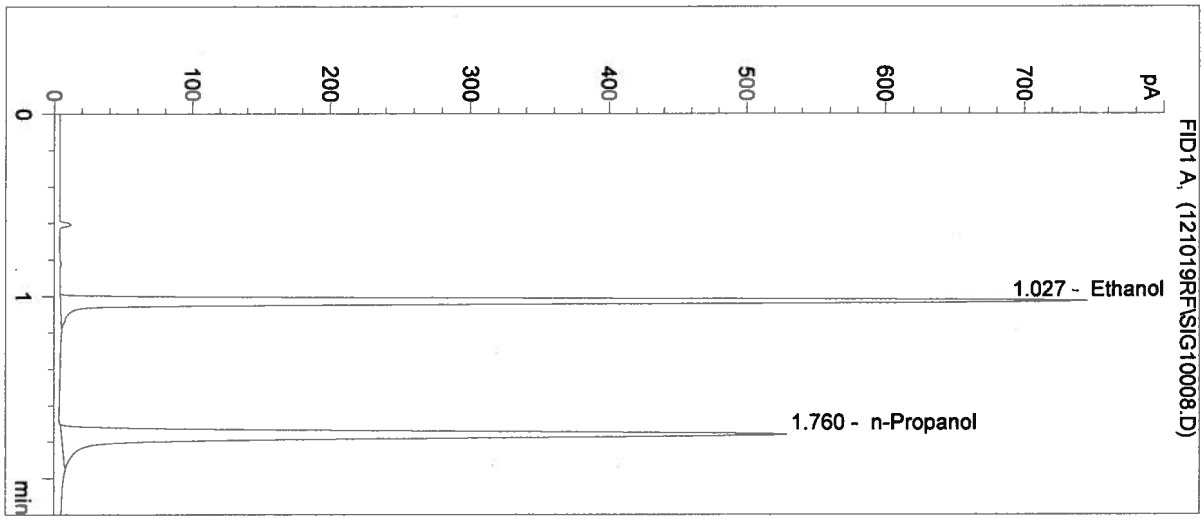
n-Propanol 0.012 g/100mL

12046

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

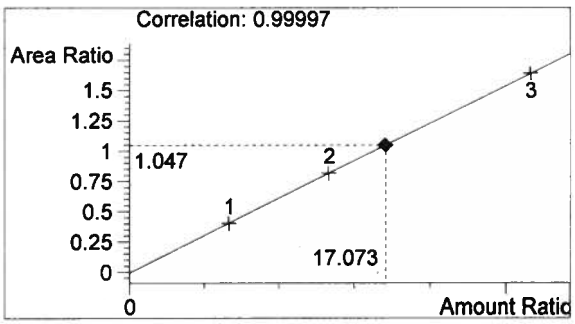
Inj. Date: 10/19/2012 2:23:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

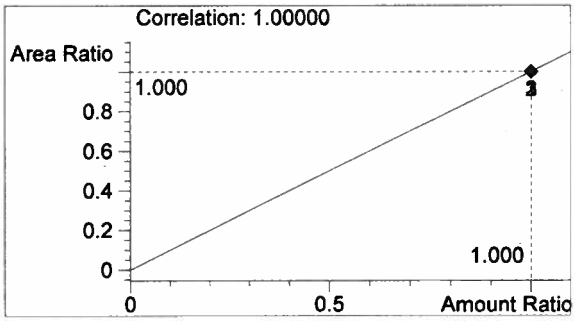


#	Compound	Peak Area	RT (min)
1	Ethanol	1525	1.027
2	n-Propanol	1456	1.760

RF



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

12046

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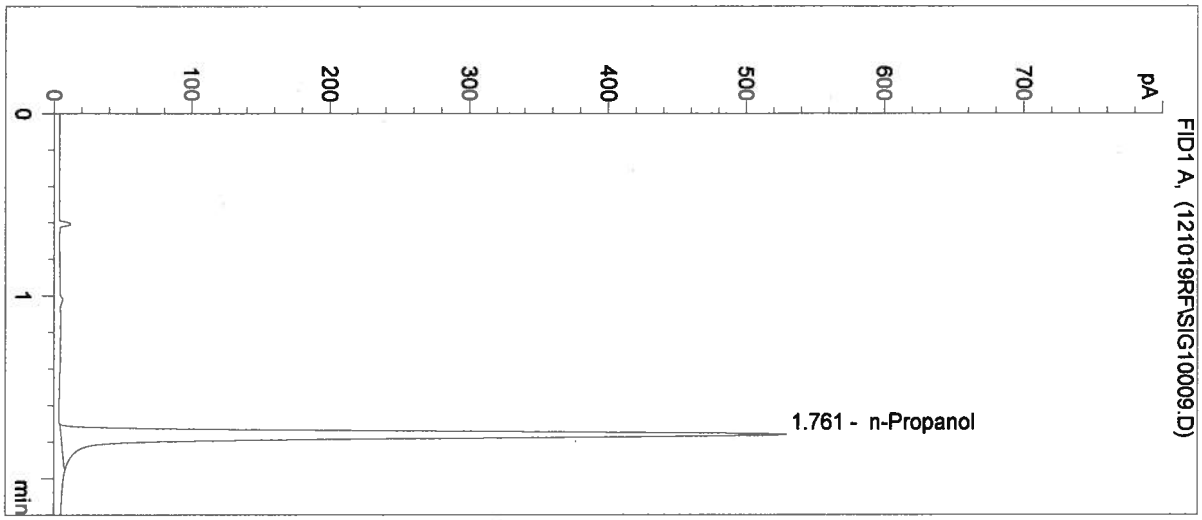
2203 Airport Way S Seattle, WA 98134

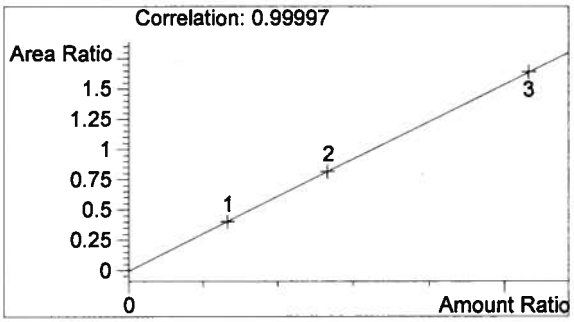
Inj. Date: 10/19/2012 2:26:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

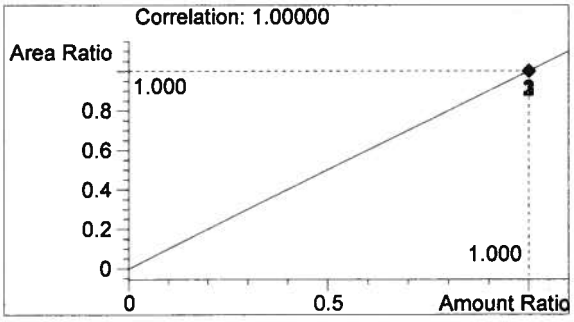


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1459	1.761

RF



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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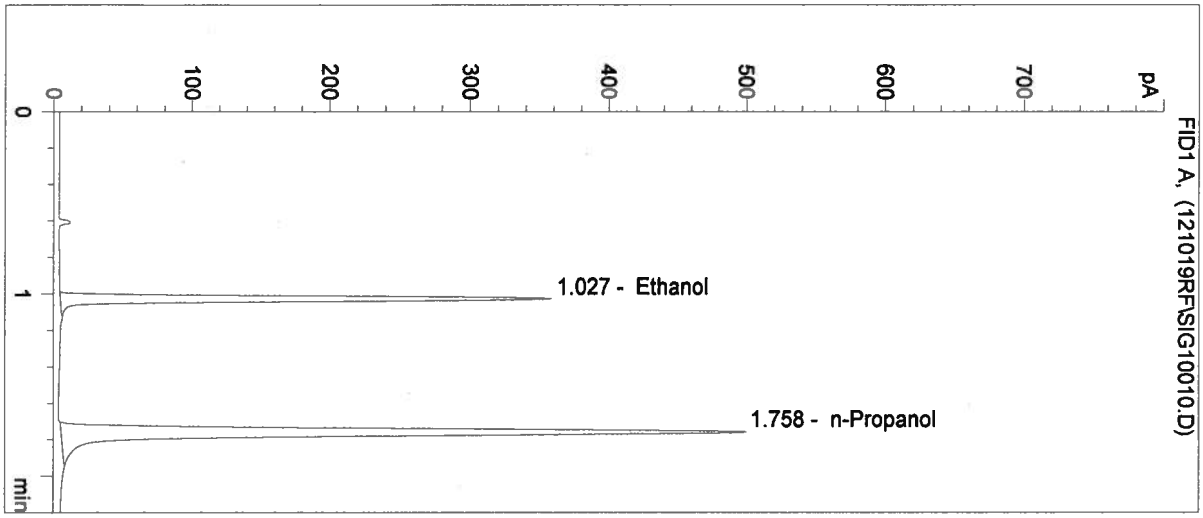
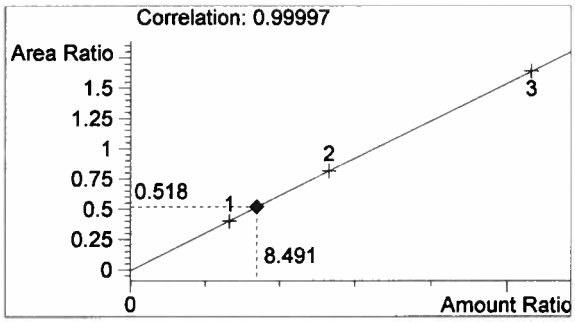
Inj. Date: 10/19/2012 2:29:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12046 #1
Operator: Rebecca Flaherty
Location: Vial 10

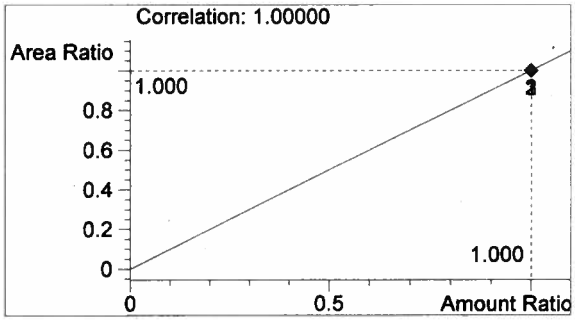


#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.027
2	n-Propanol	1374	1.758

RK



Ethanol 0.102 g/100mL

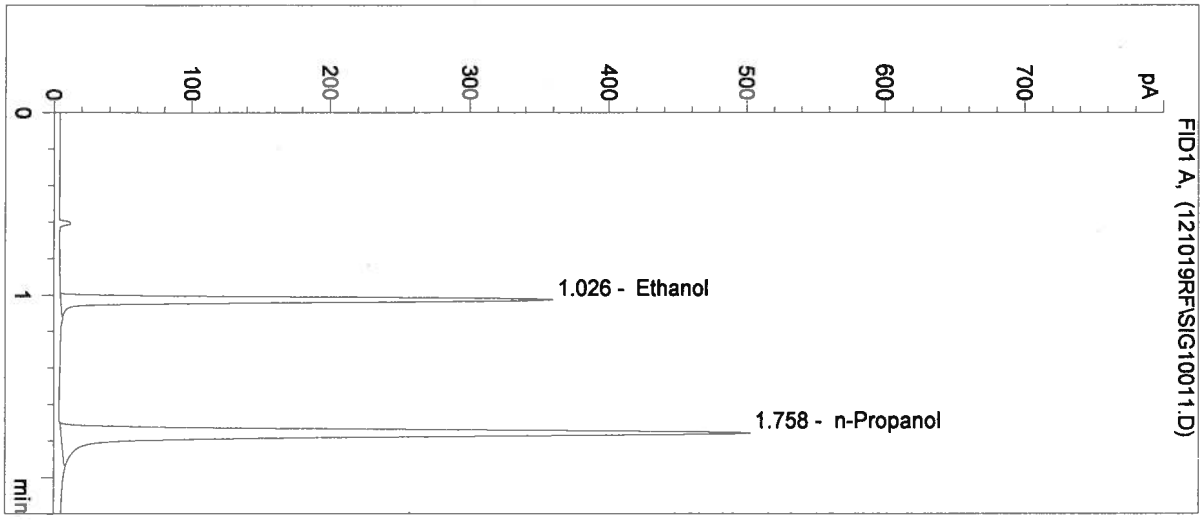


n-Propanol 0.012 g/100mL

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

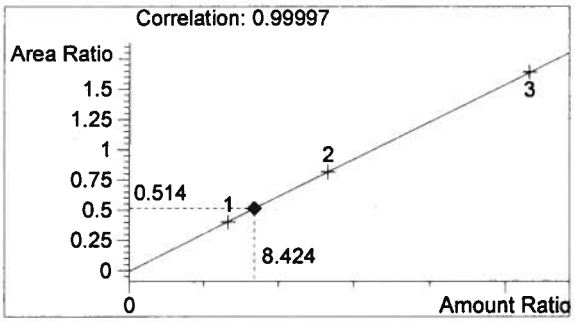
Inj. Date: 10/19/2012 2:32:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12046 #2
Operator: Rebecca Flaherty
Location: Vial 11

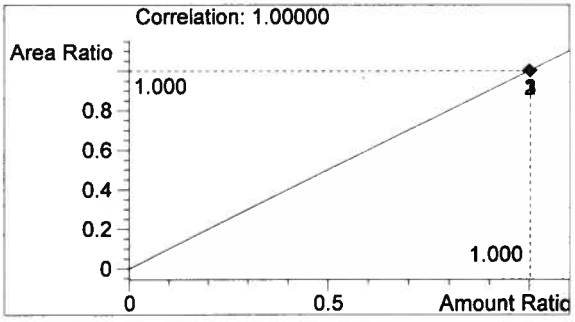


#	Compound	Peak Area	RT (min)
1	Ethanol	713	1.026
2	n-Propanol	1386	1.758

RF



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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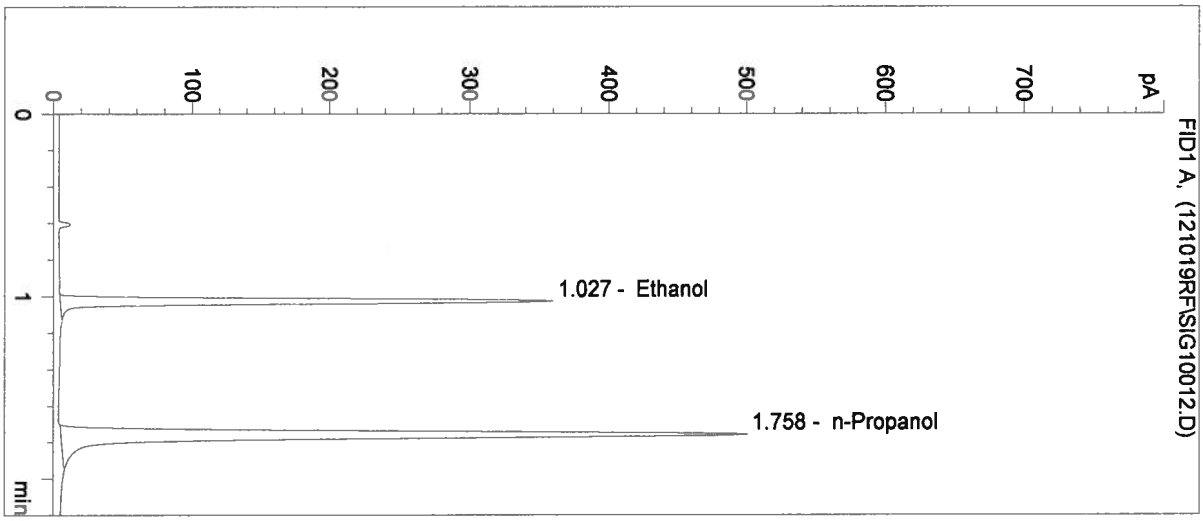
2203 Airport Way S Seattle, WA 98134

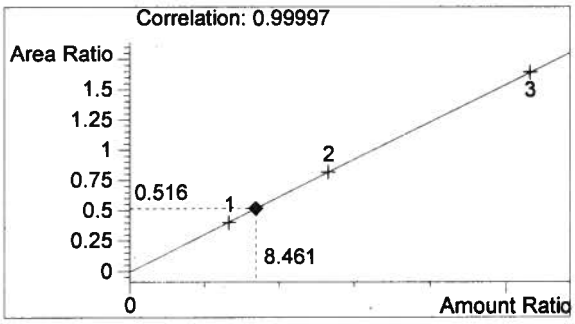
Inj. Date: 10/19/2012 2:35:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12046 #3
Operator: Rebecca Flaherty
Location: Vial 12

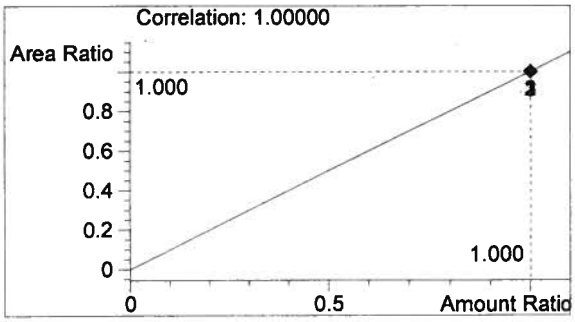


#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.027
2	n-Propanol	1373	1.758

RF



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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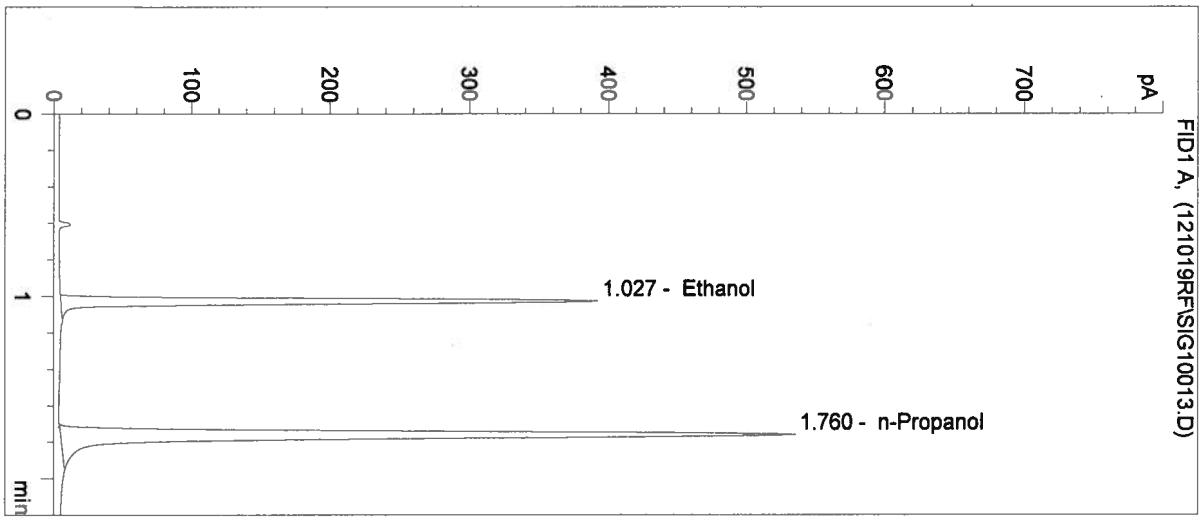
2203 Airport Way S Seattle, WA 98134

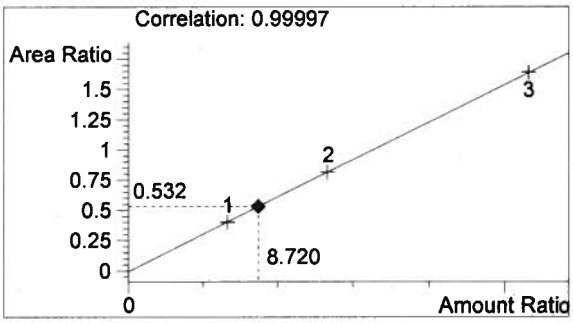
Inj. Date: 10/19/2012 2:39:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12046 #4
Operator: Rebecca Flaherty
Location: Vial 13

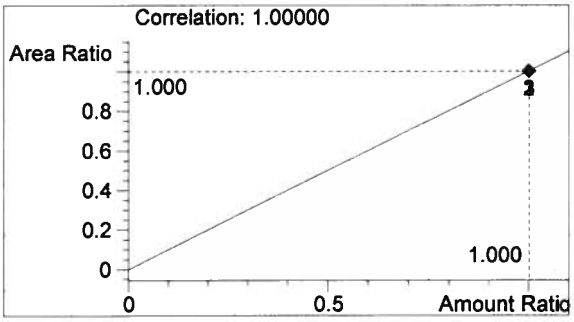


#	Compound	Peak Area	RT (min)
1	Ethanol	785	1.027
2	n-Propanol	1474	1.760

RF



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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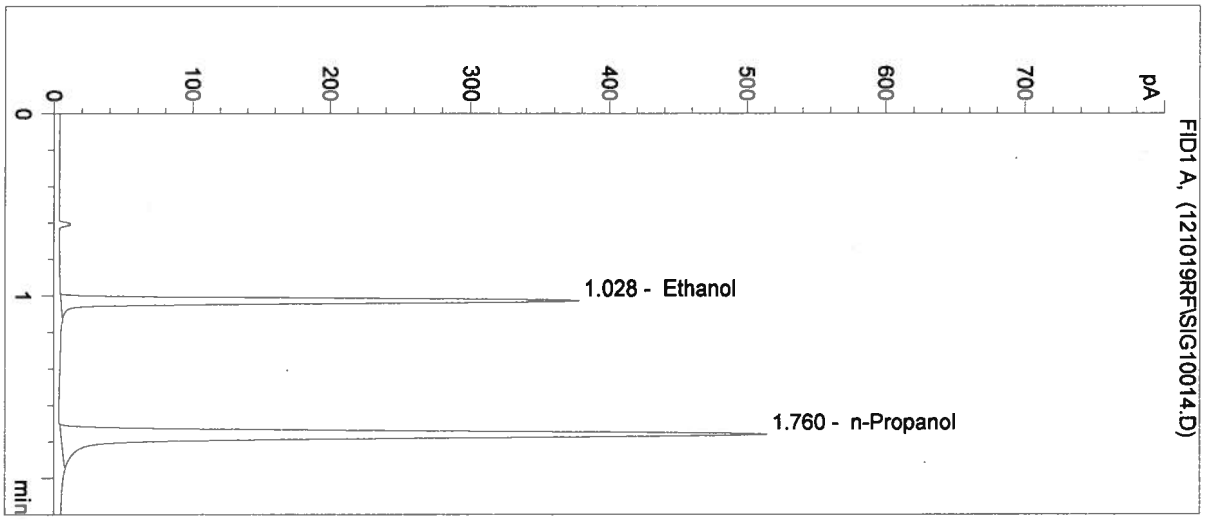
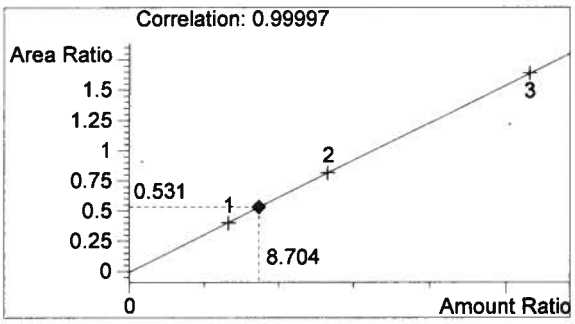
Inj. Date: 10/19/2012 2:42:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 12046 #5
Operator: Rebecca Flaherty
Location: Vial 14

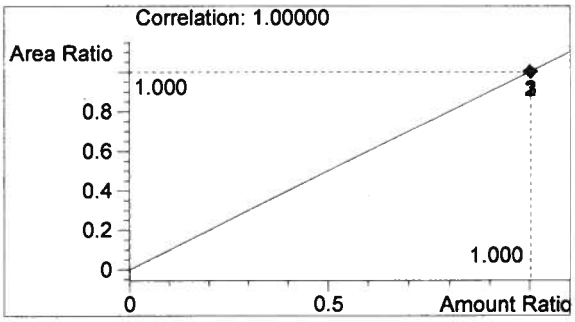


#	Compound	Peak Area	RT (min)
1	Ethanol	753	1.028
2	n-Propanol	1416	1.760

RK



Ethanol 0.104 g/100mL

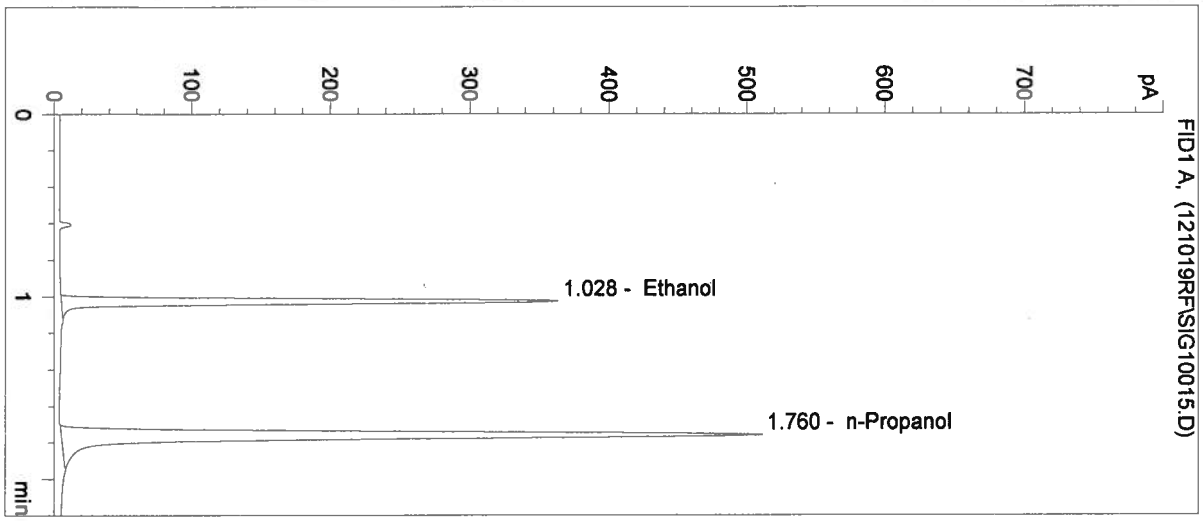


n-Propanol 0.012 g/100mL

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

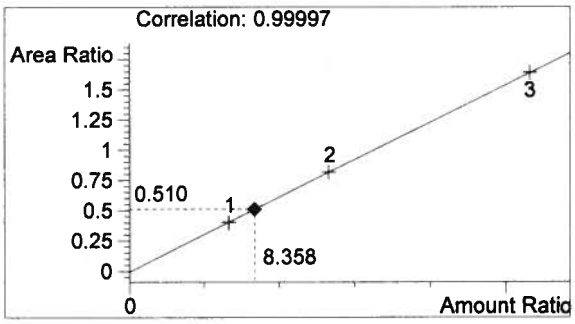
Inj. Date: 10/19/2012 2:45:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

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

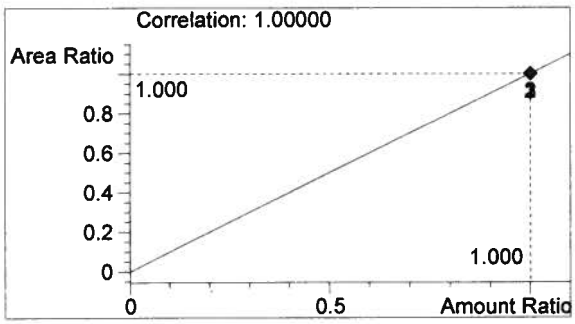


#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.028
2	n-Propanol	1406	1.760

RF



Ethanol 0.100 g/100mL



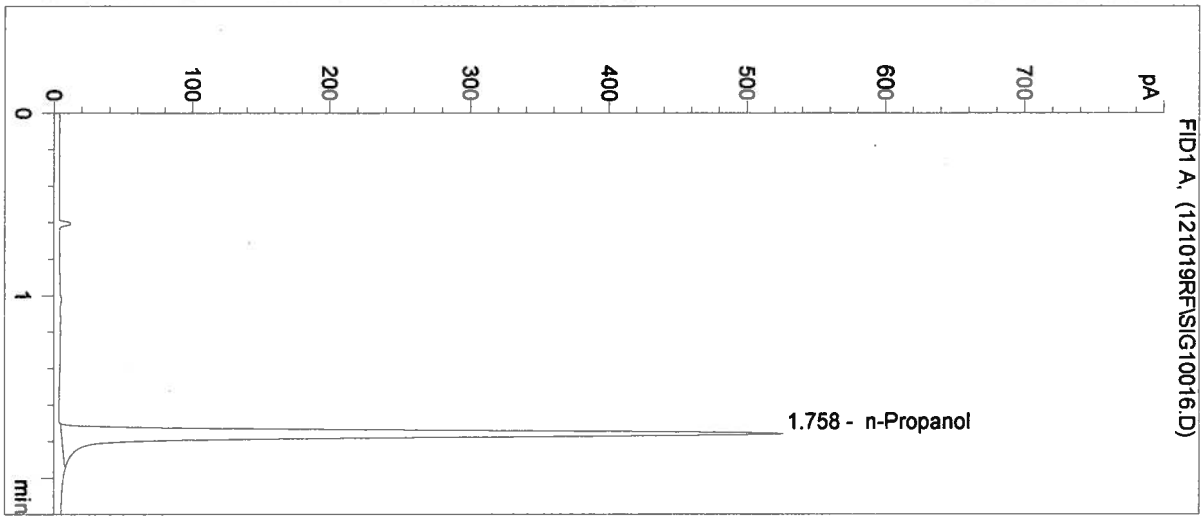
n-Propanol 0.012 g/100mL

12046

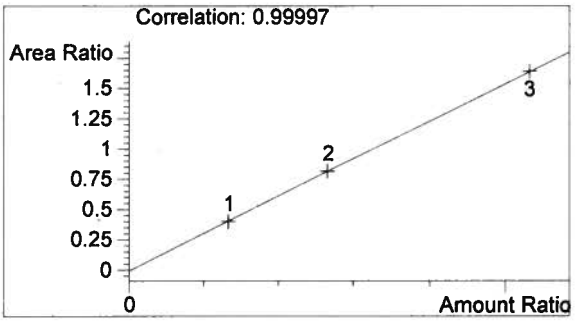
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 2:48:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

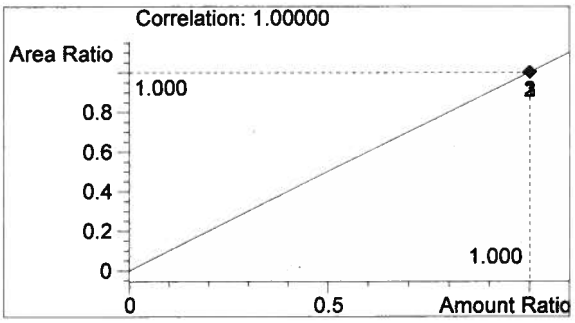
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1447	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

RF

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:	121019A1
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	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #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		

12046

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!

BATCH
121019A1
(ESS 12046)

12046 AL

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

Calibration Table

Calib. Data Modified : 10/23/2012 1:32:20 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	626.34686	1.27469e-4		1	Ethanol
		2	1.59780e-1	1099.41809	1.45331e-4			
		3	3.19310e-1	2214.02441	1.44222e-4			
1.761	1	1	1.20000e-2	1501.19250	7.99365e-6		I1	n-Propanol
		2	1.20000e-2	1343.21753	8.93377e-6			
		3	1.20000e-2	1376.82727	8.71569e-6			

Curves regenerated
20 OCT 23
OK

BATCH 121019A1
(LESS 12046)

Peak Sum Table

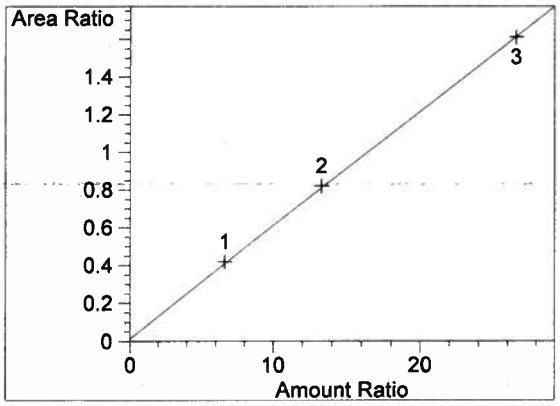
No Entries in table

12046

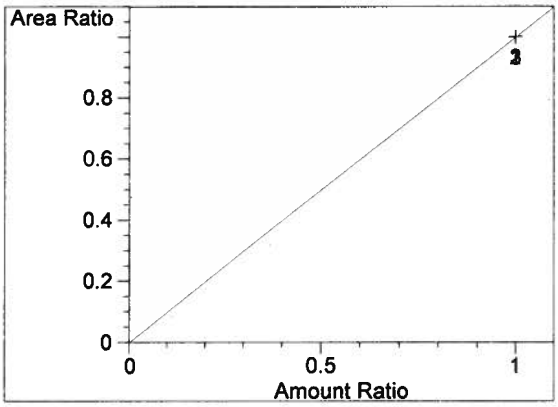
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.01010
Formula: y = mx + b
m: 6.02970e-2
b: 8.82672e-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

==========

Curves regenerated
2012 OCT 23
AL

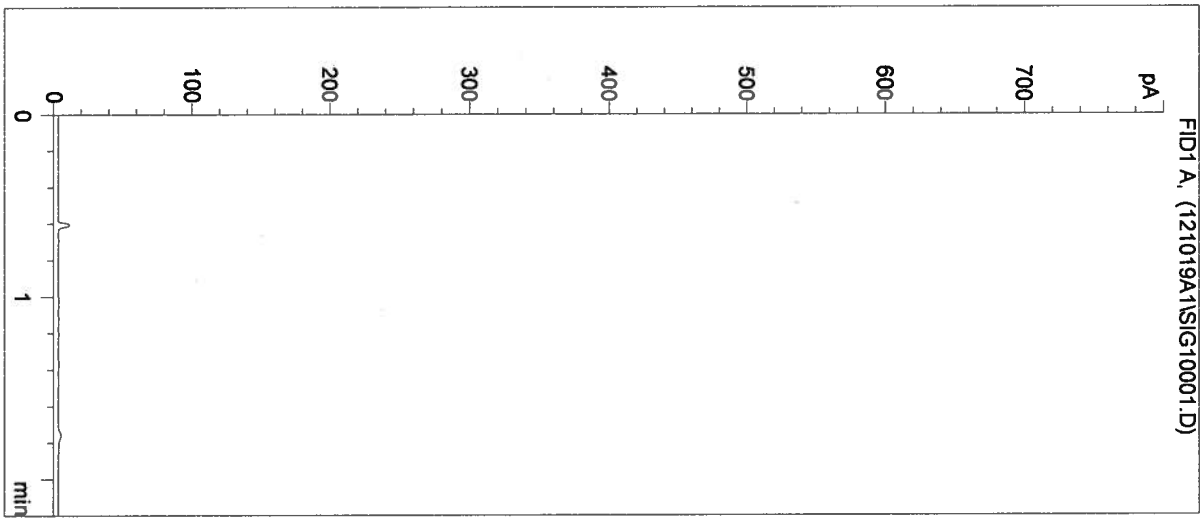
BATCH 121019A1
(ESS 12046)

12046

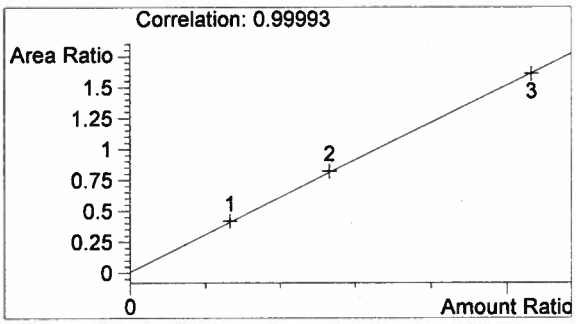
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 3:16:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

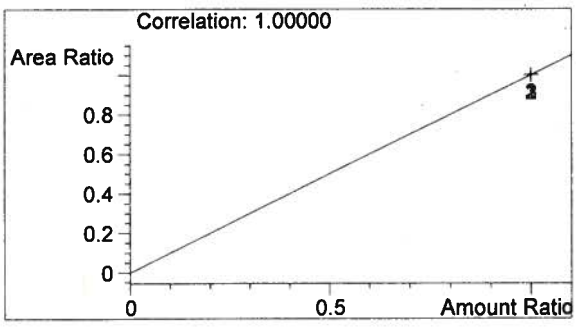
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

BATCH 121019A1
(ESS 12046)

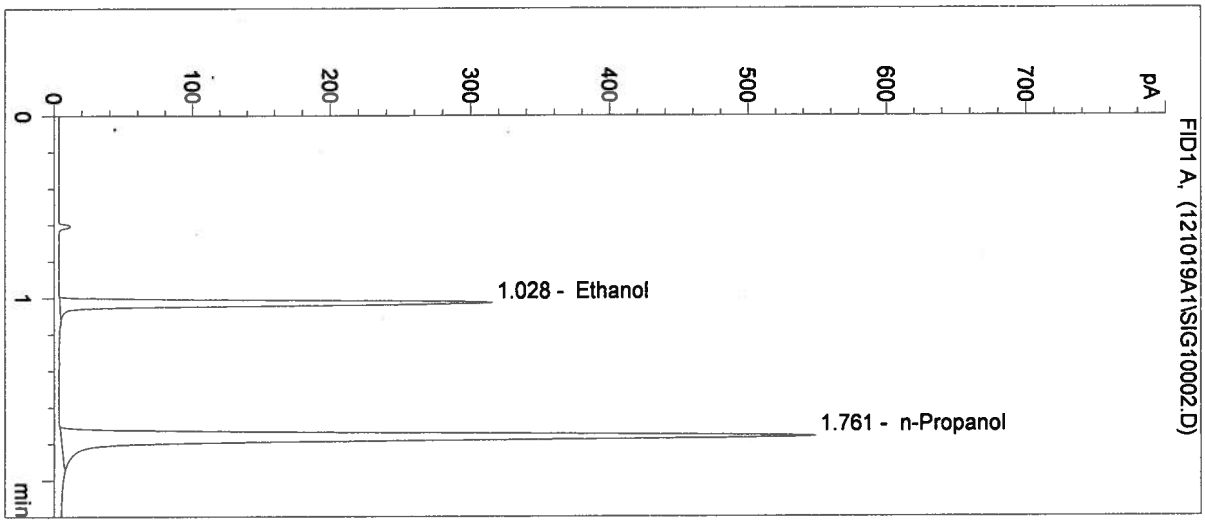
AL

12046

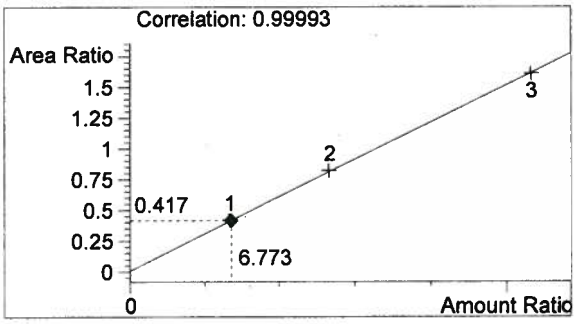
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

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

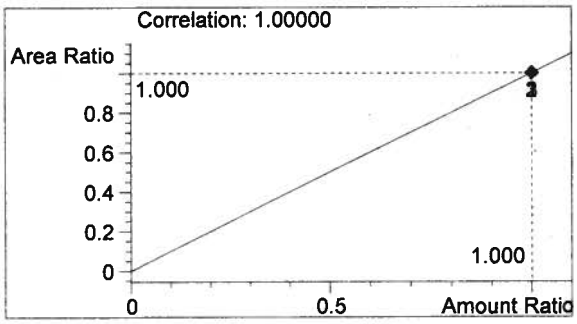
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	626	1.028
2	n-Propanol	1501	1.761



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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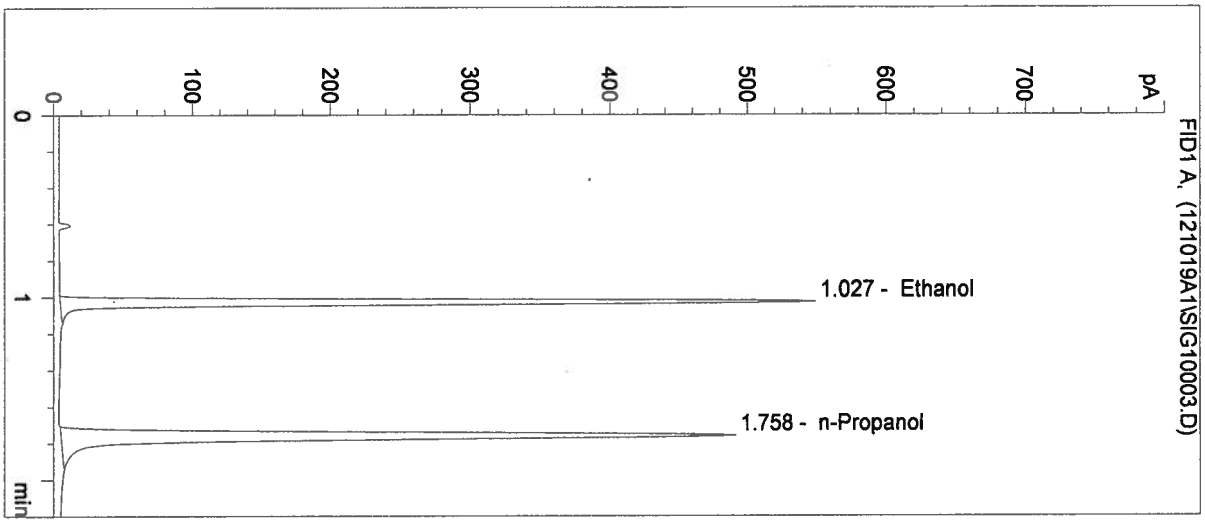
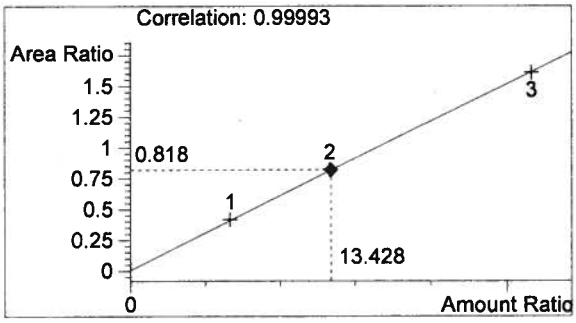
Inj. Date: 10/19/2012 3:22:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

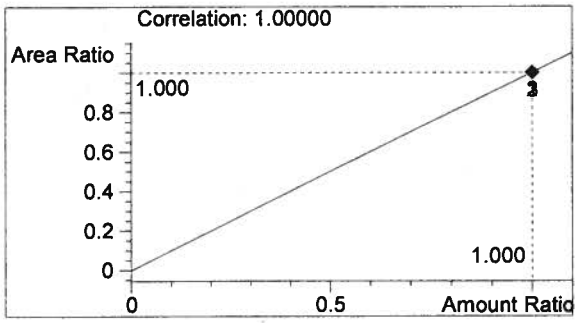
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.027
2	n-Propanol	1343	1.758



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

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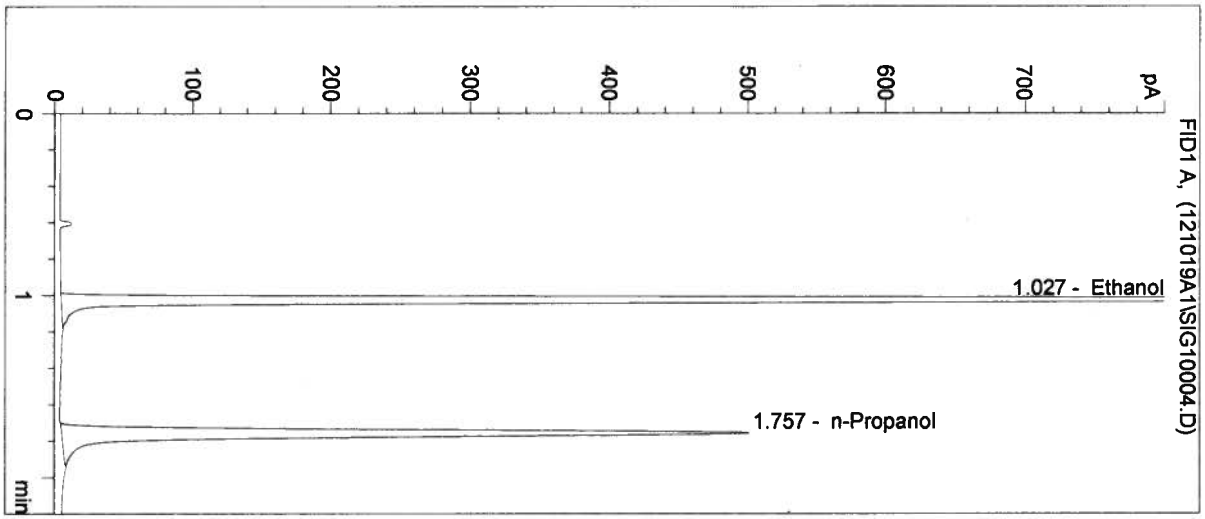
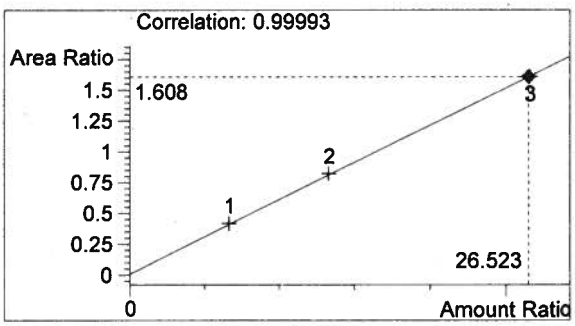
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 3:26:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

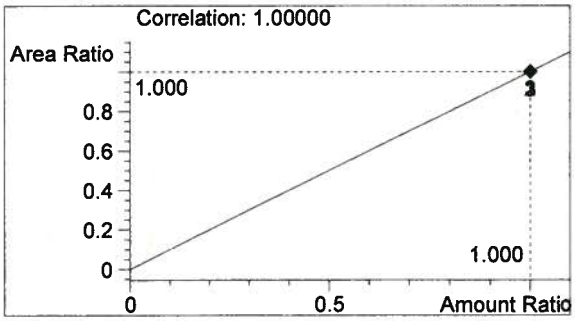
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2214	1.027
2	n-Propanol	1377	1.757



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

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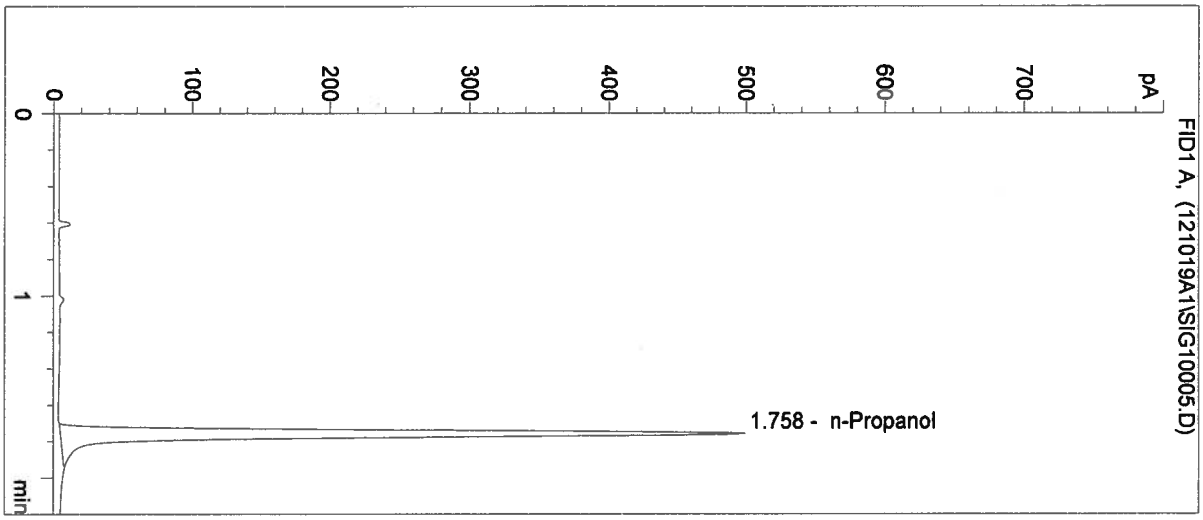
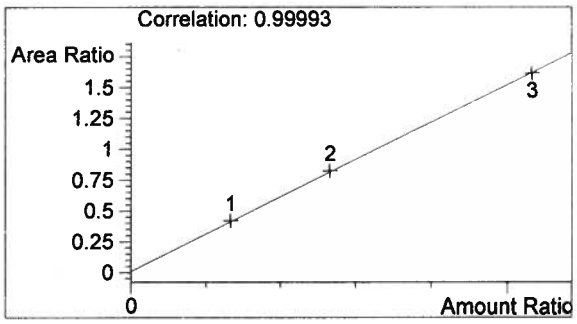
Inj. Date: 10/19/2012 3:29:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

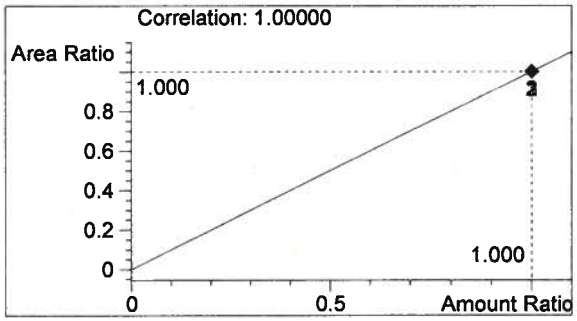
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1378	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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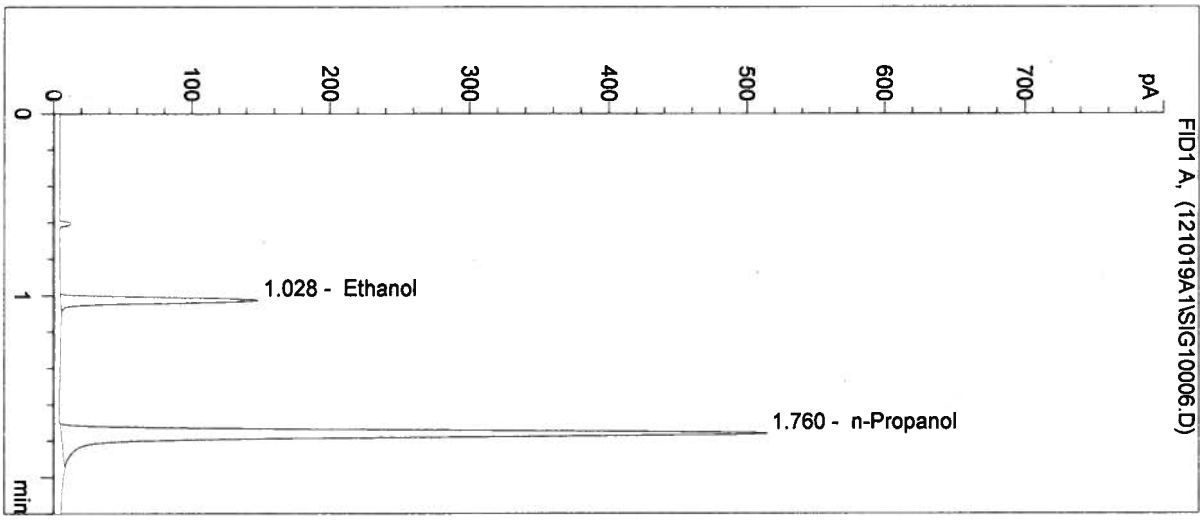
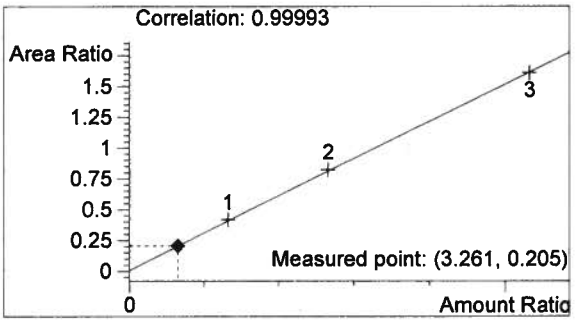
Inj. Date: 10/19/2012 3:32:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

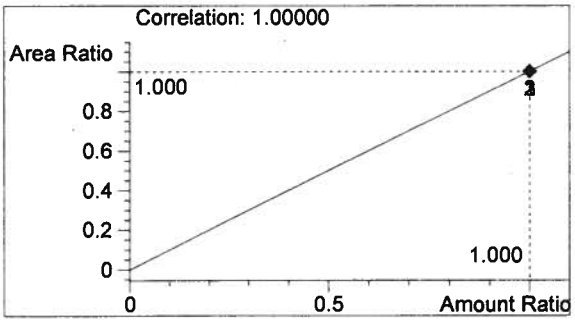
Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	291	1.028
2	n-Propanol	1414	1.760



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

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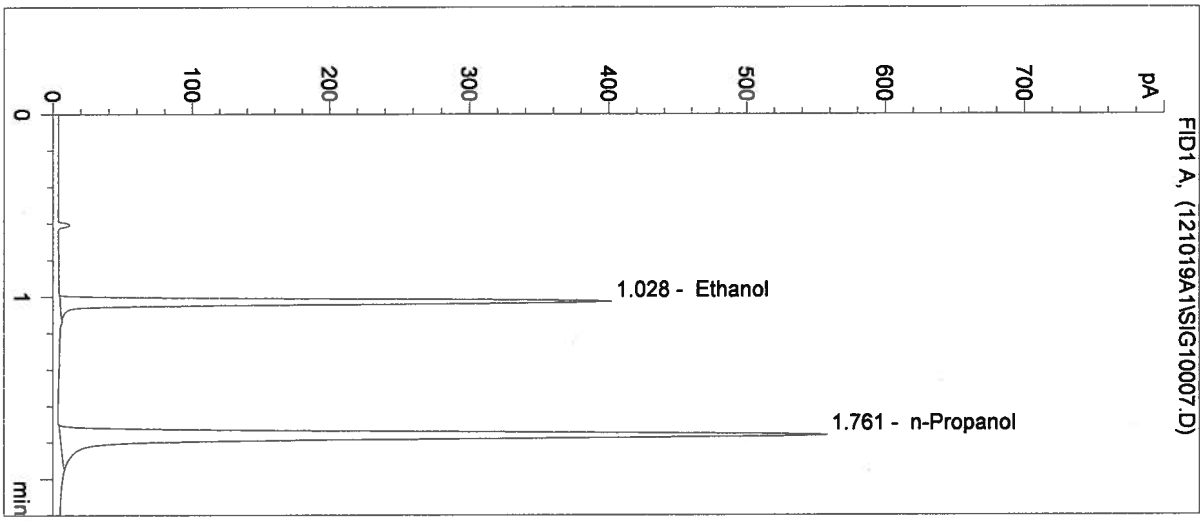
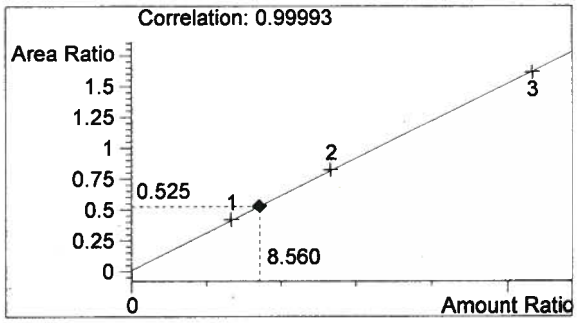
Inj. Date: 10/19/2012 3:35:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

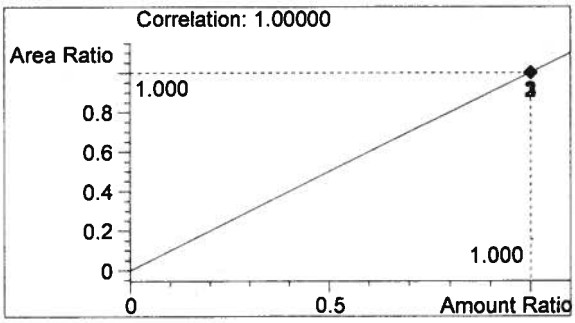
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	803	1.028
2	n-Propanol	1530	1.761



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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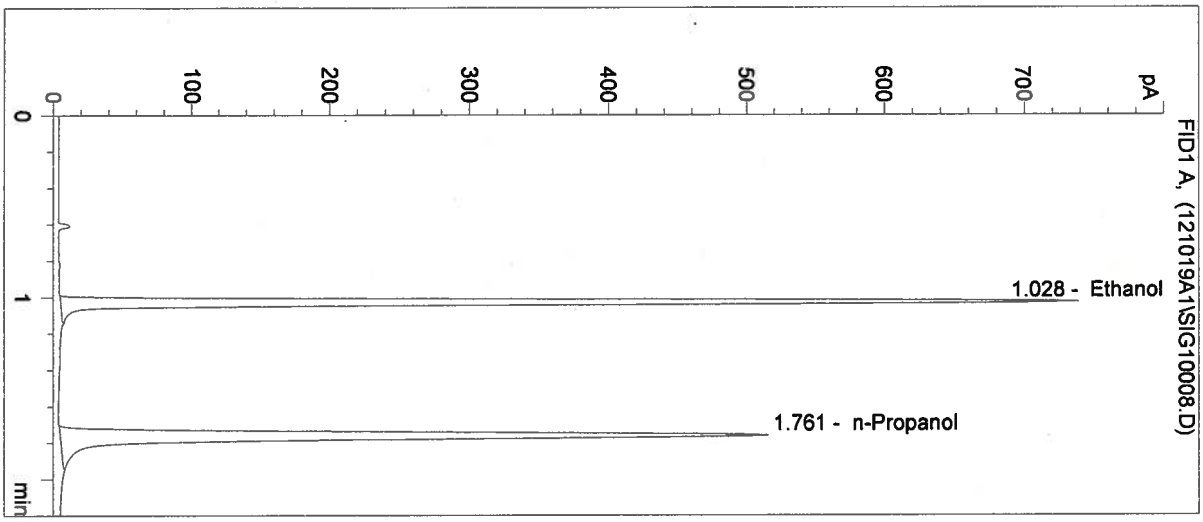
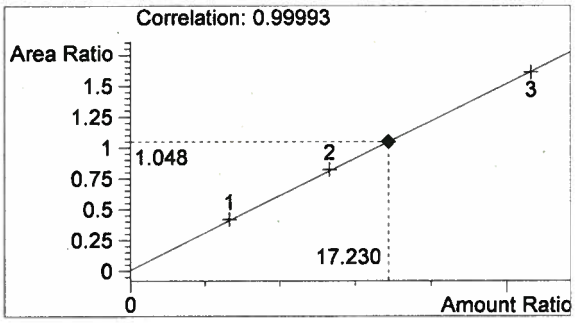
Inj. Date: 10/19/2012 3:38:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

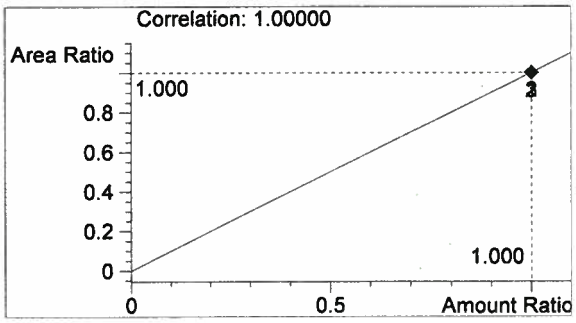
Sample Name: 0.20 ctrl - al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1484	1.028
2	n-Propanol	1416	1.761



Ethanol 0.207 g/100mL



n-Propanol 0.012 g/100mL

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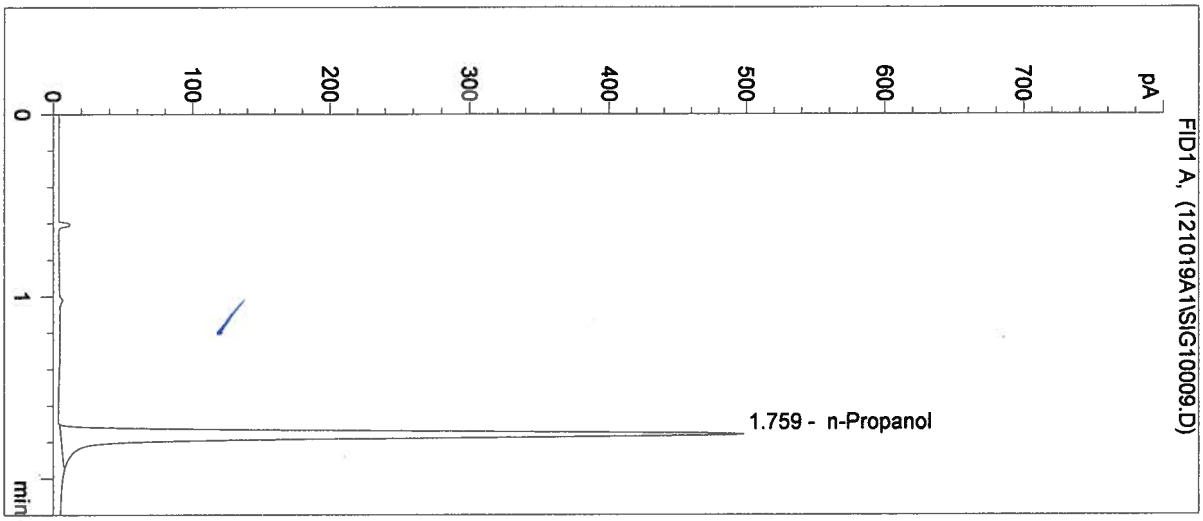
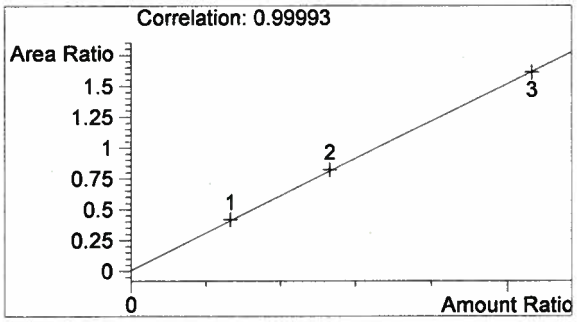
Inj. Date: 10/19/2012 3:41:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

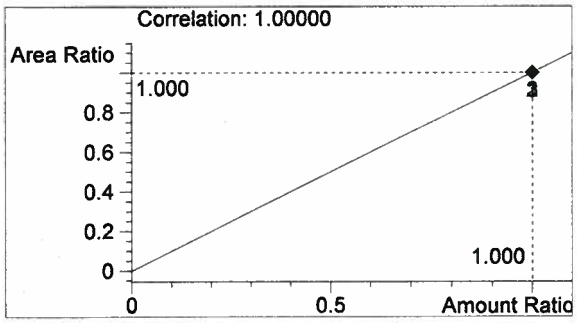
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



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



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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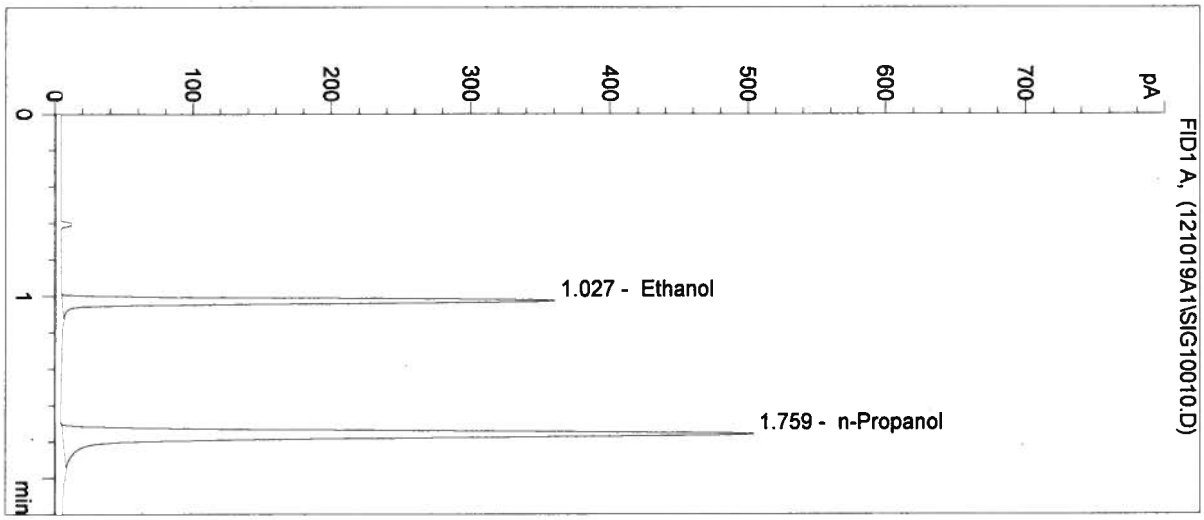
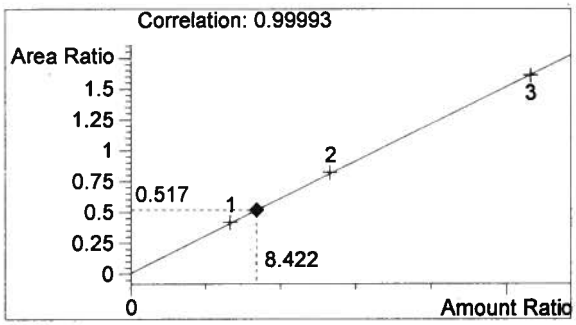
Inj. Date: 10/19/2012 3:44:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

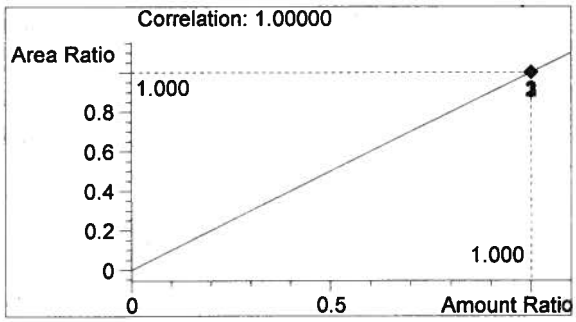
Sample Name: 12046 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.027
2	n-Propanol	1385	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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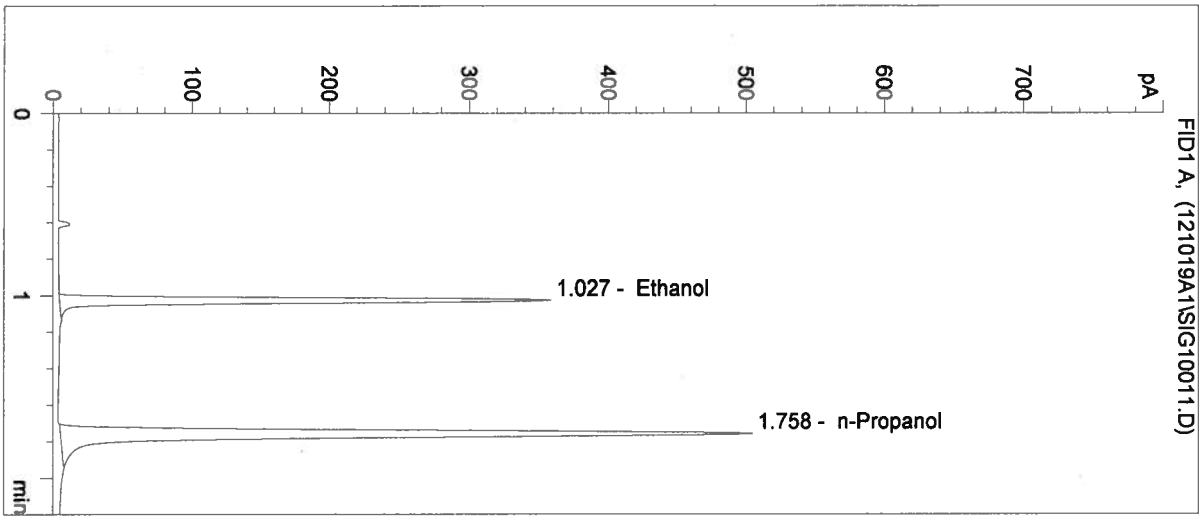
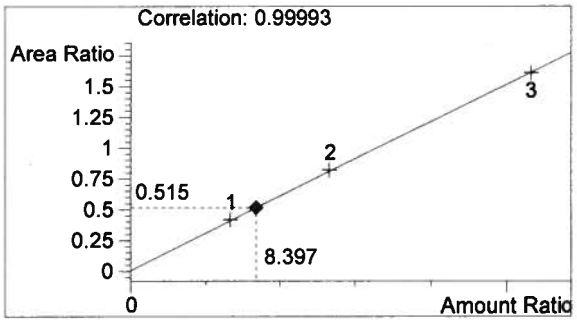
Inj. Date: 10/19/2012 3:47:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

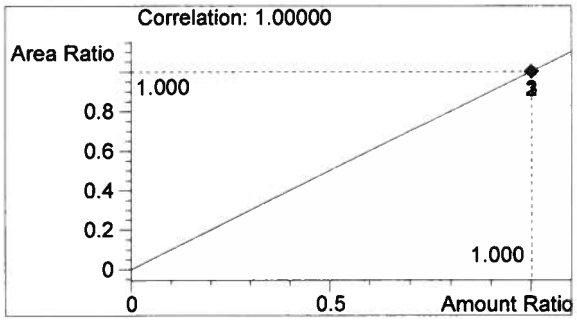
Sample Name: 12046 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.027
2	n-Propanol	1381	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

AC

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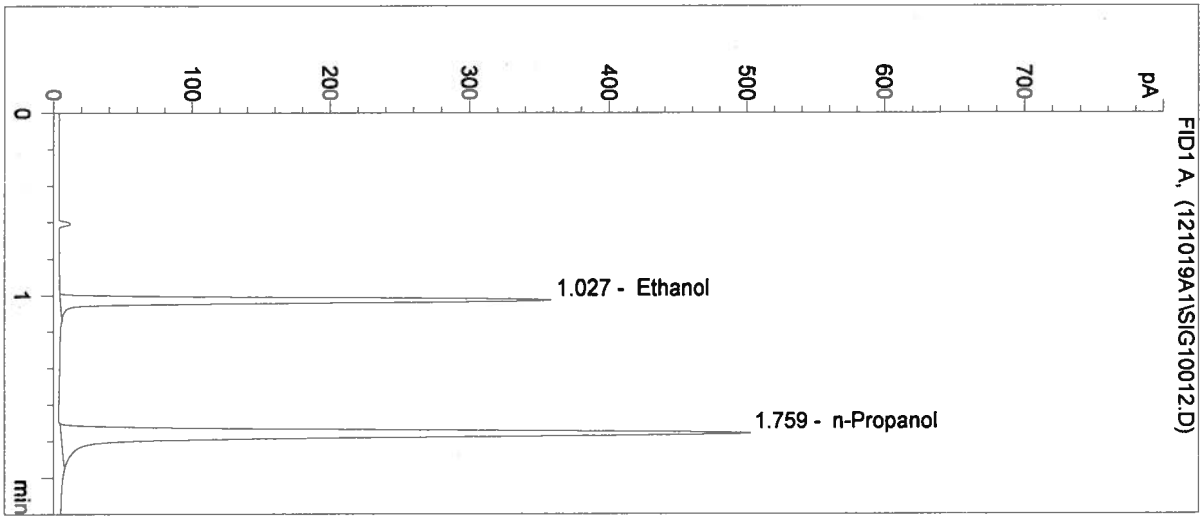
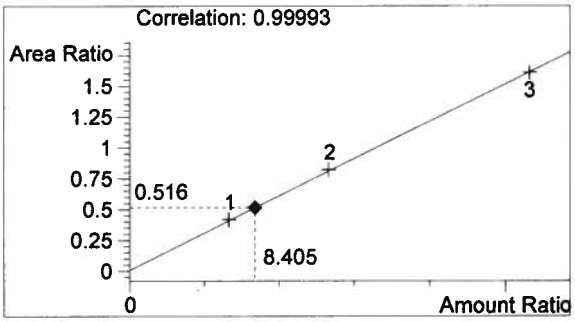
Inj. Date: 10/19/2012 3:51:05 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

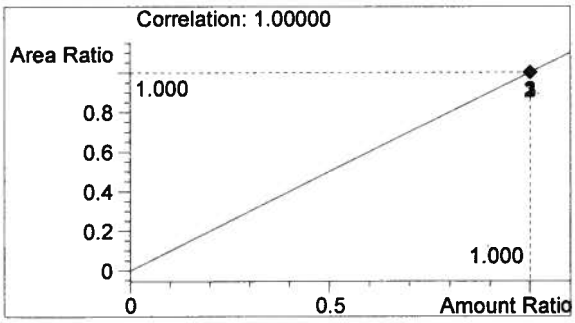
Sample Name: 12046 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.027
2	n-Propanol	1382	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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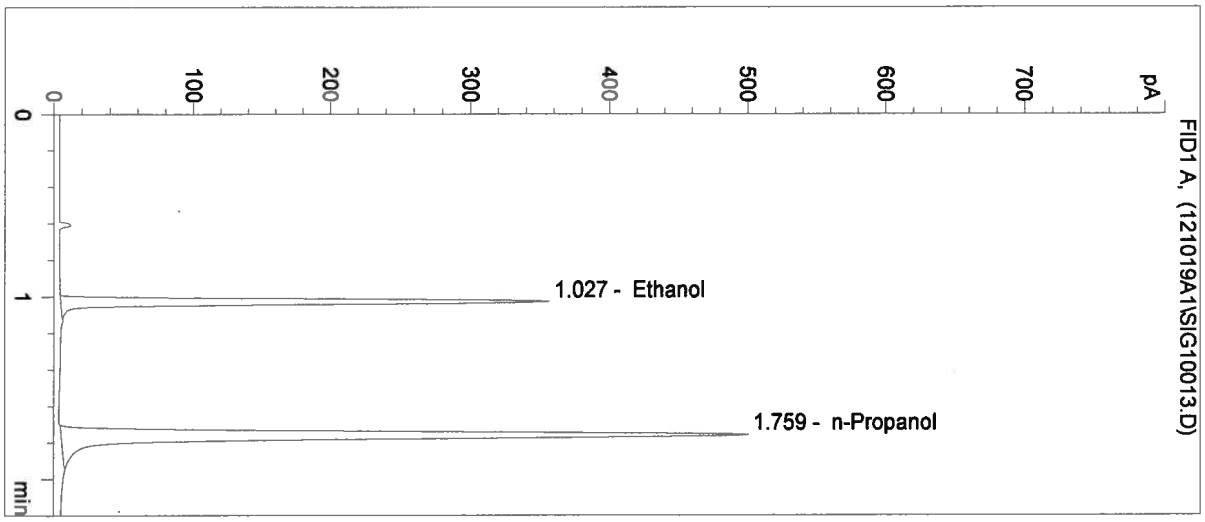
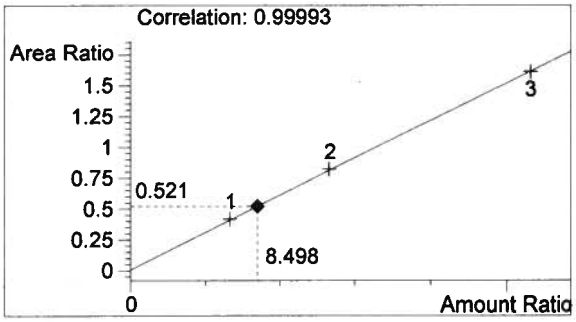
Inj. Date: 10/19/2012 3:54:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

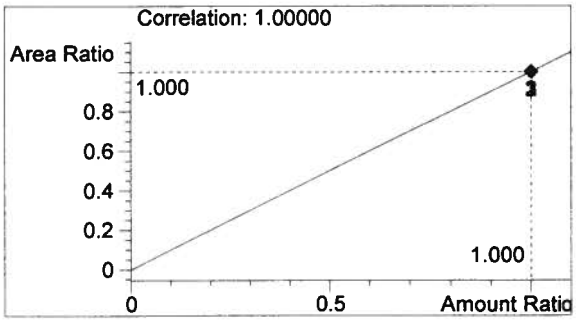
Sample Name: 12046 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.027
2	n-Propanol	1378	1.759



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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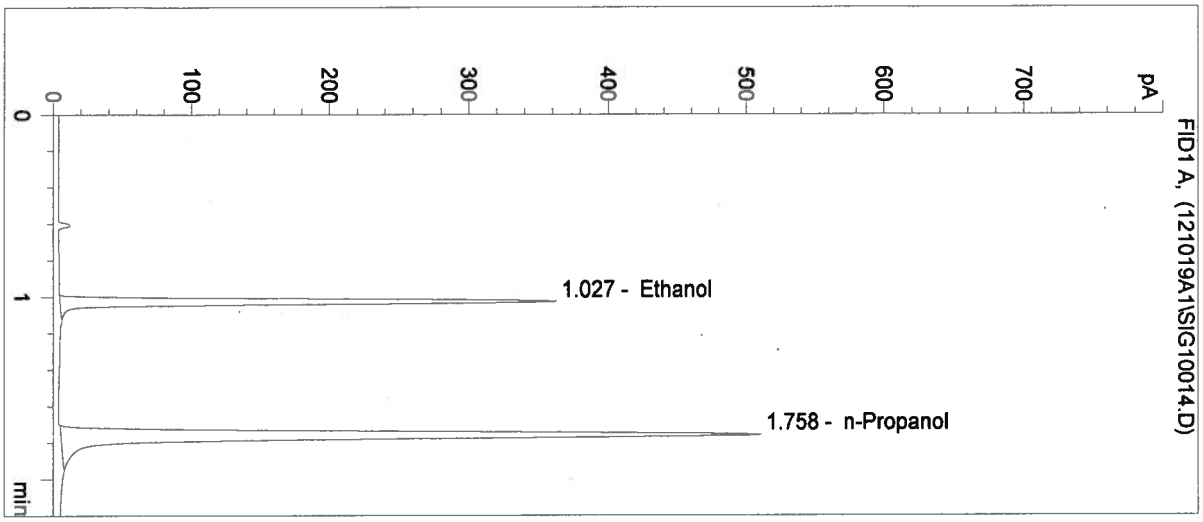
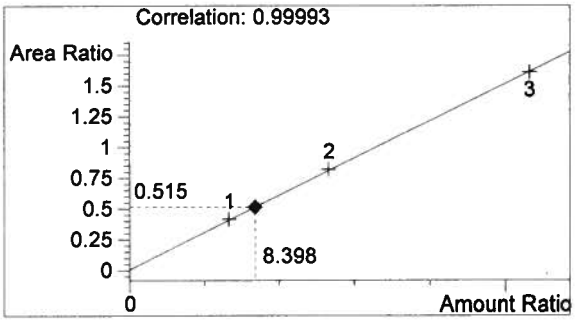
Inj. Date: 10/19/2012 3:57:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

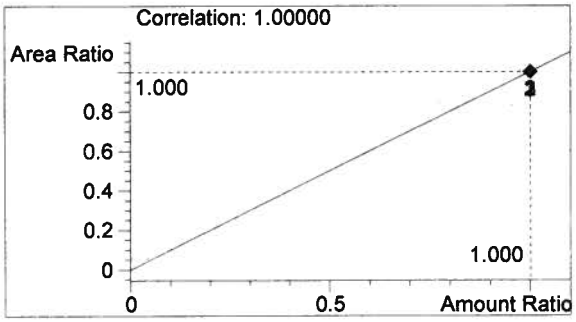
Sample Name: 12046 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.027
2	n-Propanol	1405	1.758



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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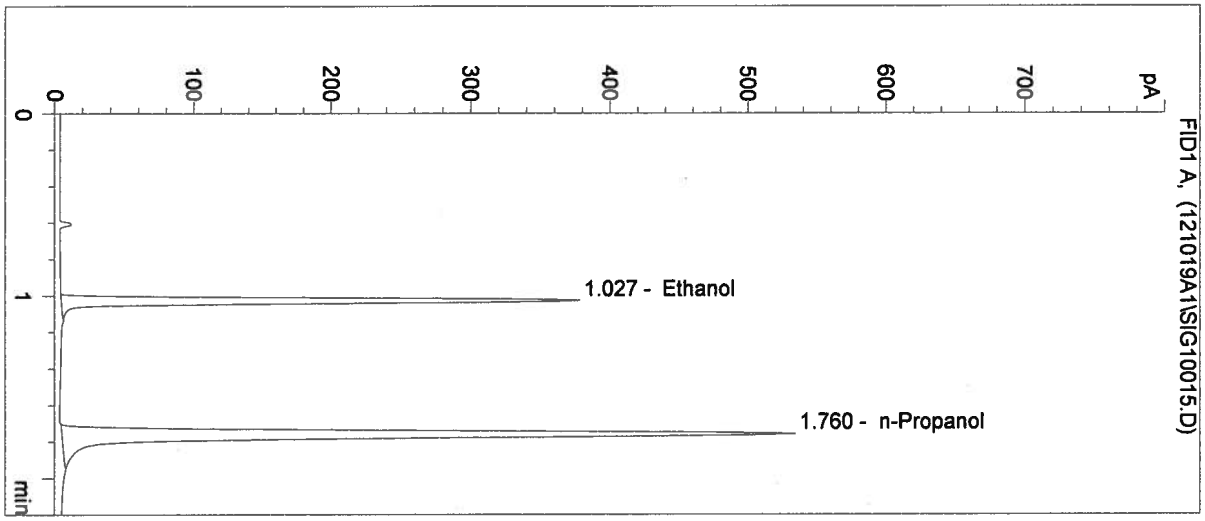
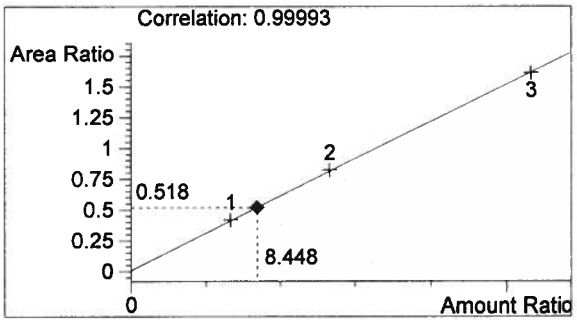
Inj. Date: 10/19/2012 4:00:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

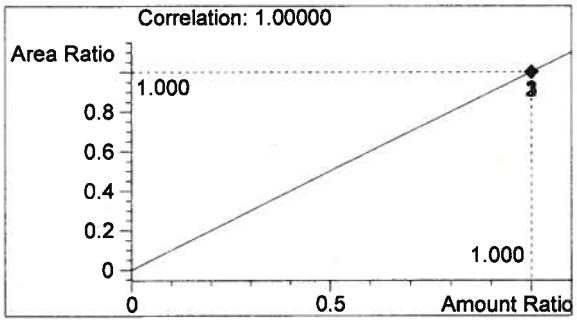
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	760	1.027
2	n-Propanol	1467	1.760



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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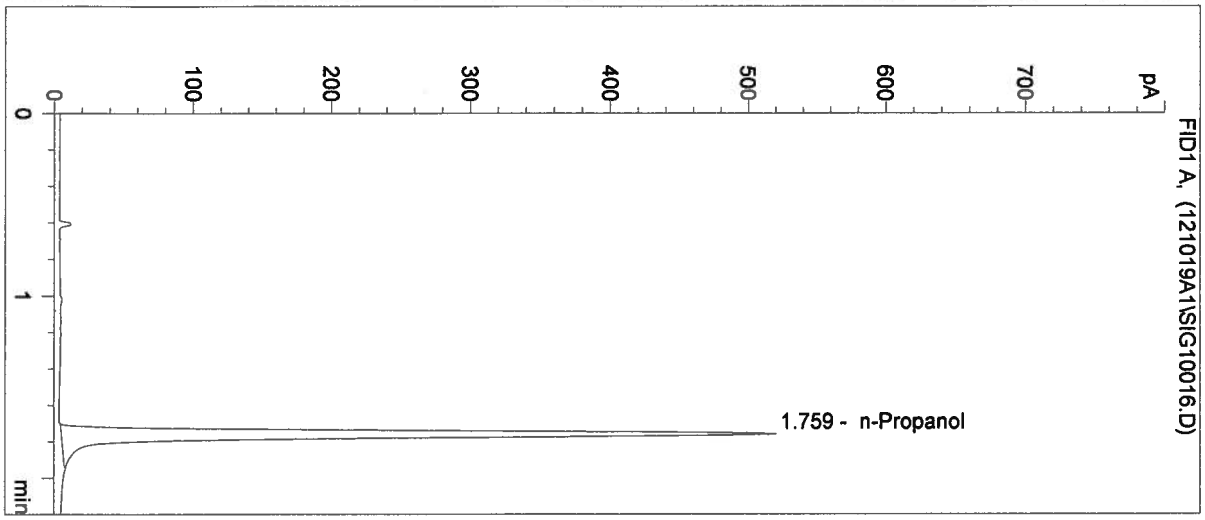
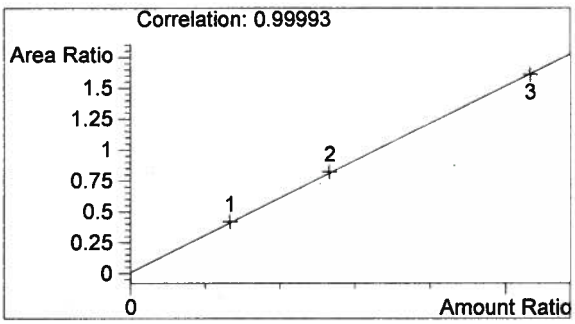
Inj. Date: 10/19/2012 4:03:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

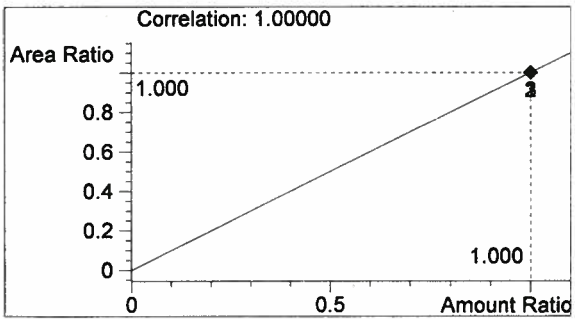
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1430	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Batch 121019A1
(ESS 12046)

12046

AC

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:	121023CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

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 12046 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 12046 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 12046 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 12046 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 12046 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

12046

CJ

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

Sequence Table (Back Injector):

No entries - empty table!

12046

CJ

12/0 23CJ

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

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	CAL 1: 0.079 g/100 mL - LOT#E0912-01 - EXP 3/6/2013
3	Vial 3	CAL 2: 0.158 g/100 mL - LOT#E0912-02 - EXP 3/6/2013
4	Vial 4	CAL 3: 0.316 g/100 mL - LOT#E0912-03 - EXP 3/6/2013
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

Sequence Table (Back Injector):

No entries - empty table!

12046

12 1023CJ

CJ

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

==========

Calibration Table

==========

Calib. Data Modified : Tuesday, October 23, 2012 12:33:46 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.028	1	1	7.98400e-2	545.73486	1.46298e-4	1		Ethanol
		2	1.59780e-1	1095.91467	1.45796e-4			
		3	3.19310e-1	2186.08643	1.46065e-4			
1.759	1	1	1.20000e-2	1267.19690	9.46972e-6	I1		n-Propanol
		2	1.20000e-2	1411.79272	8.49983e-6			
		3	1.20000e-2	1410.93689	8.50499e-6			

==========

Peak Sum Table

==========

No Entries in table

==========

12046

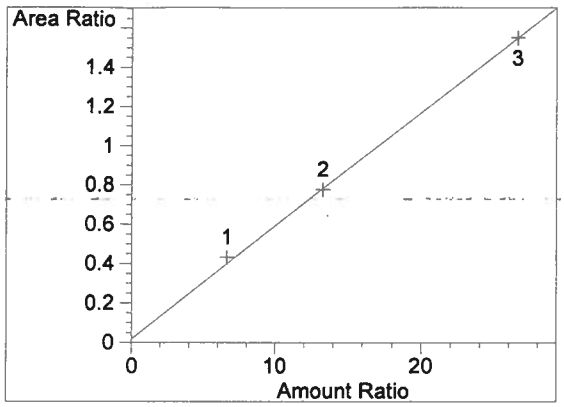
12 10 23 CJ

CJ

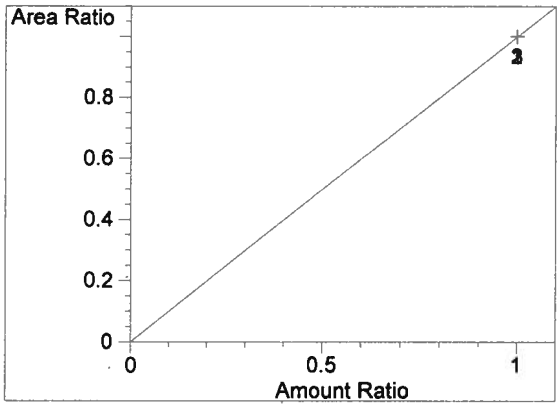
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99951
Residual Std. Dev.: 0.02515
Formula: y = mx + b
m: 5.76742e-2
b: 1.74972e-2
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

==========

12046

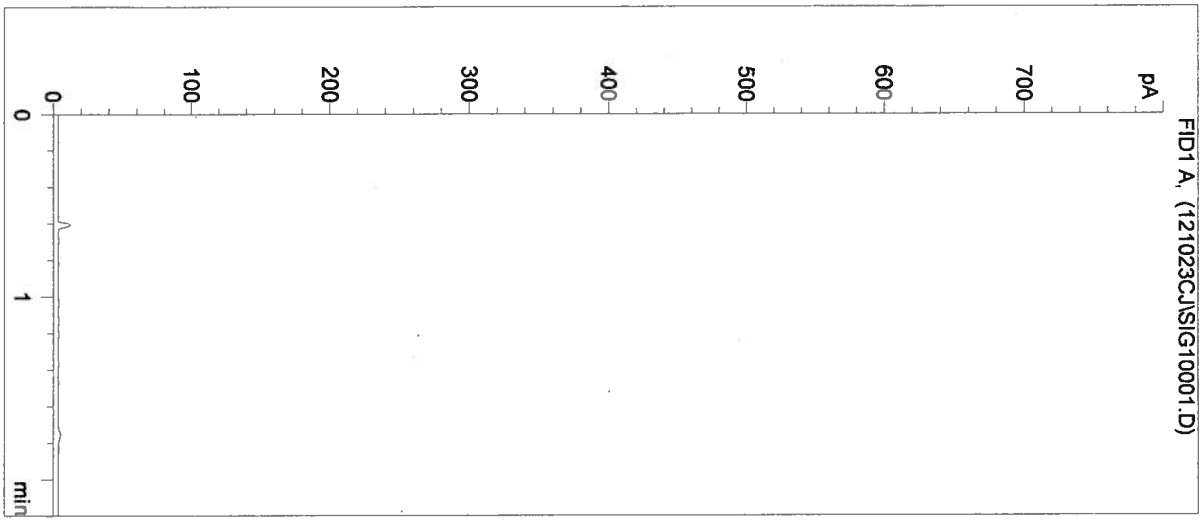
12 1023 CJ

CJ

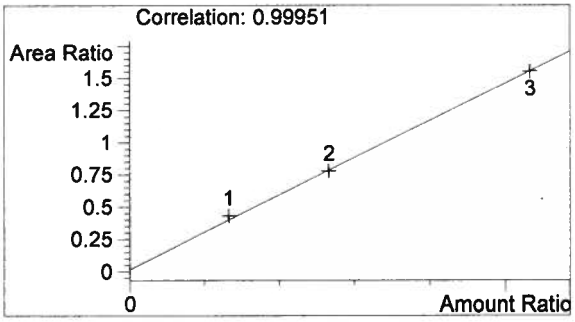
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:22:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

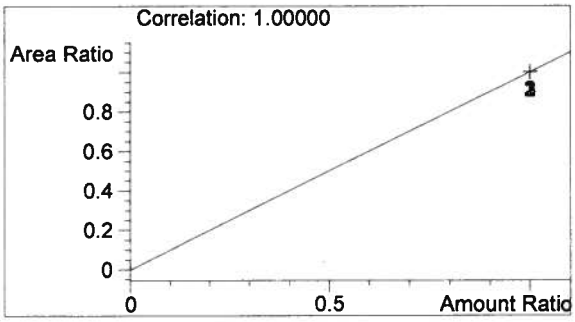
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL



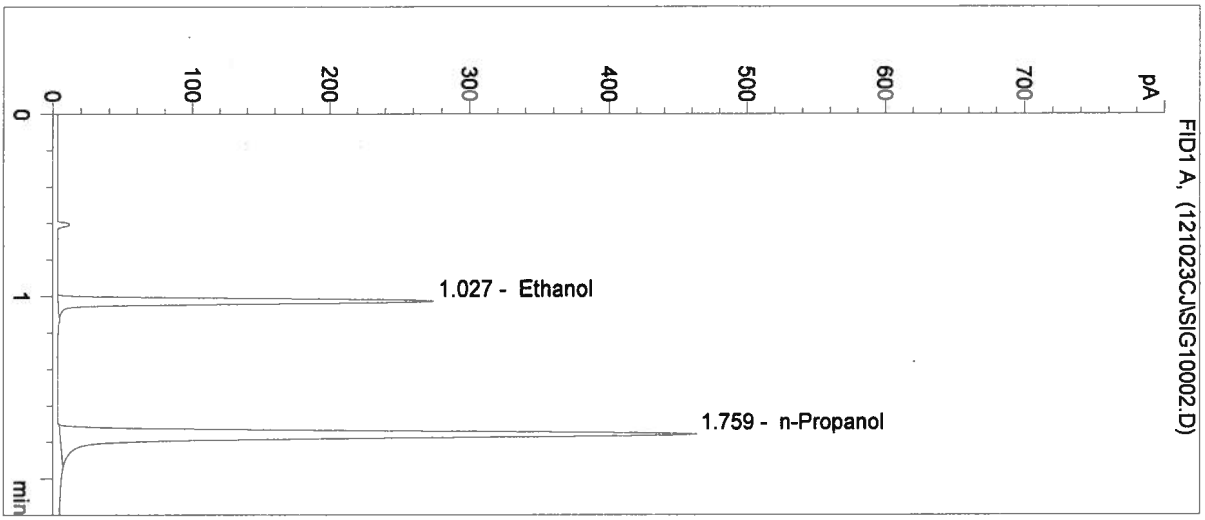
n-Propanol 0.000 g/100mL

12046

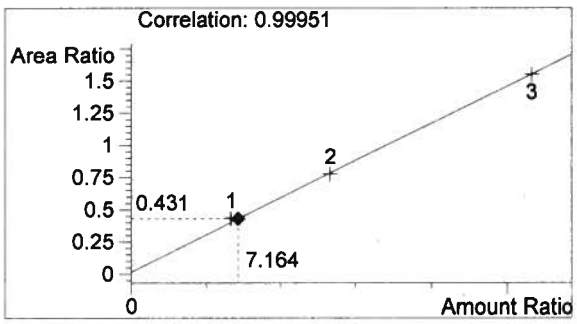
CJ

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

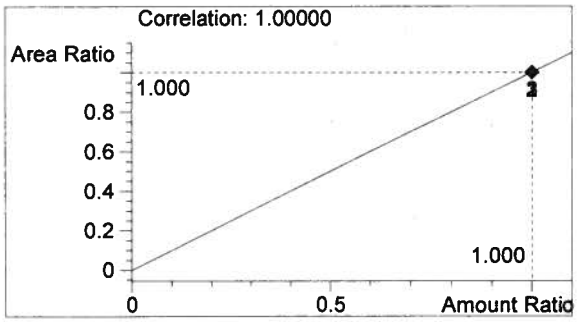
Inj. Date: 10/23/2012 12:25:19 PM
Sample Name: 0.079 CAL 1
Instrument: HSGC#3
Operator: Chris Johnston
Column: DB-ALC2
Location: Vial 2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100 mL - LOT#E0912-01 - EXP 3/6/2013



#	Compound	Peak Area	RT (min)
1	Ethanol	546	1.027
2	n-Propanol	1267	1.759



Ethanol 0.086 g/100mL



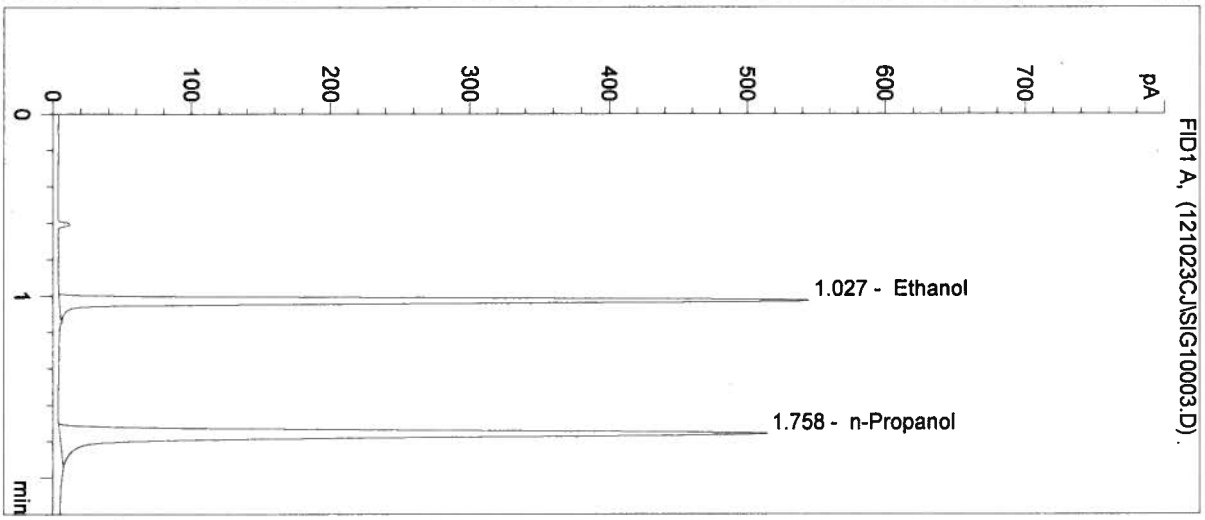
n-Propanol 0.012 g/100mL

12046

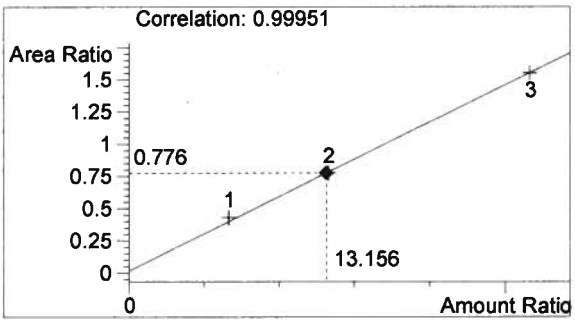
CJ

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

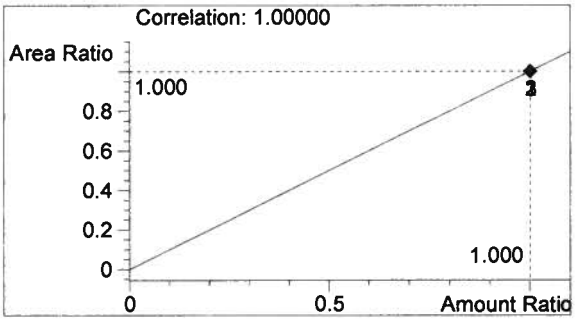
Inj. Date: 10/23/2012 12:28:26 PM
Sample Name: 0.158 CAL 2
Instrument: HSGC#3
Operator: Chris Johnston
Column: DB-ALC2
Location: Vial 3
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2: 0.158 g/100 mL - LOT#E0912-02 - EXP 3/6/2013



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.027
2	n-Propanol	1412	1.758



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

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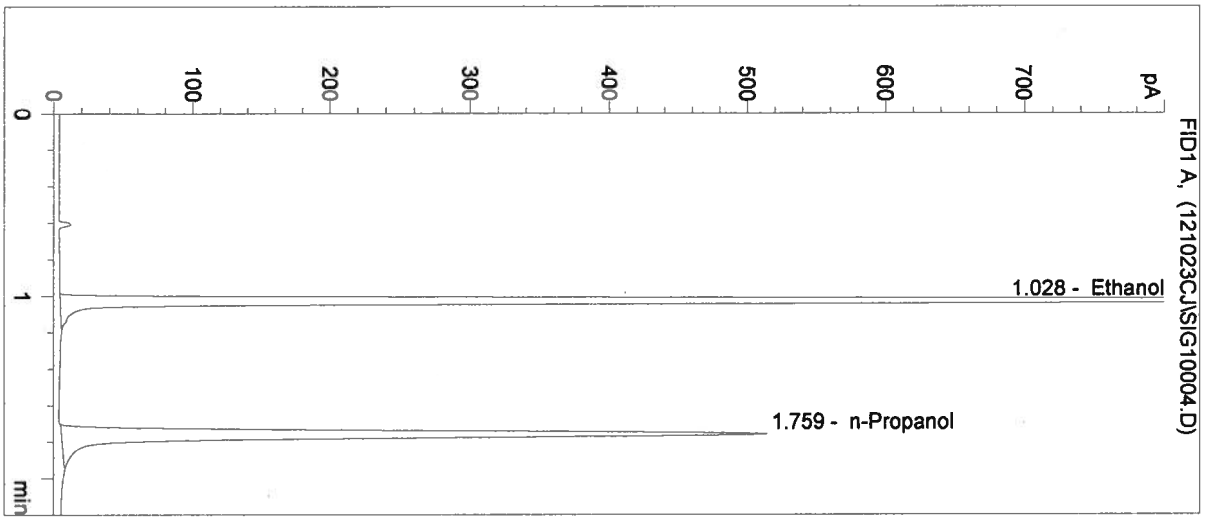
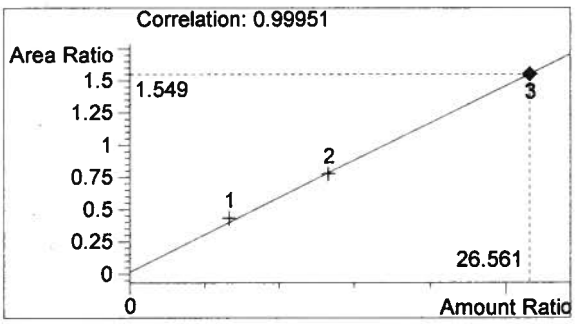
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

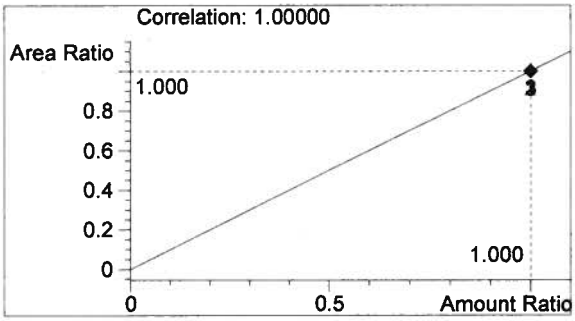
Inj. Date: 10/23/2012 12:31:34 PM
Sample Name: 0.316 CAL 3
Instrument: HSGC#3
Operator: Chris Johnston
Column: DB-ALC2
Location: Vial 4
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100 mL - LOT#E0912-03 - EXP 3/6/2013



#	Compound	Peak Area	RT (min)
1	Ethanol	2186	1.028
2	n-Propanol	1411	1.759



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

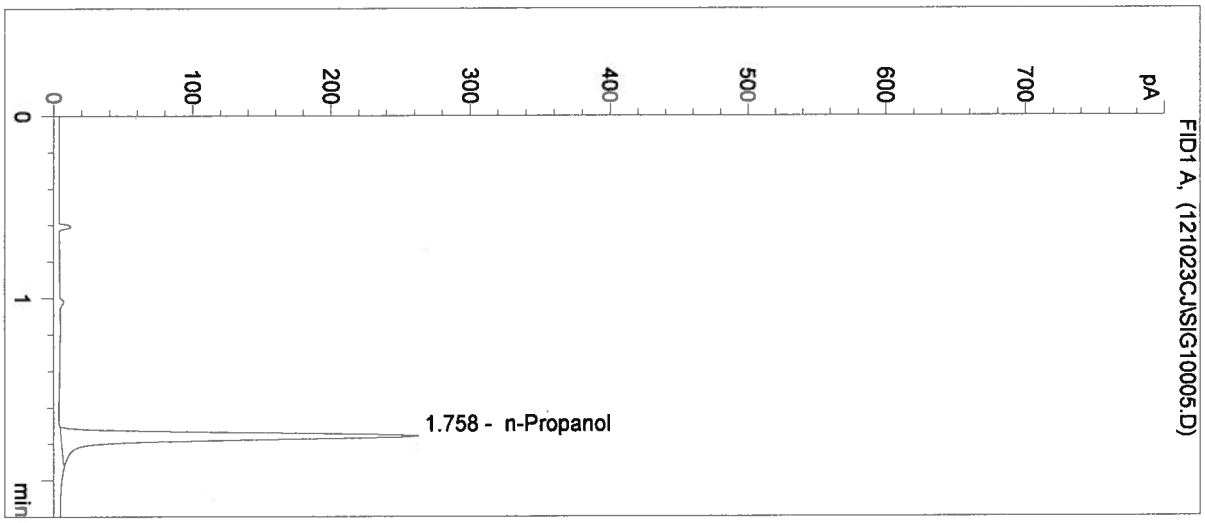
12046

CJ

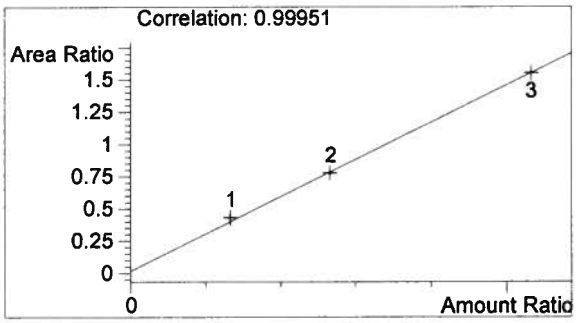
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:34:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

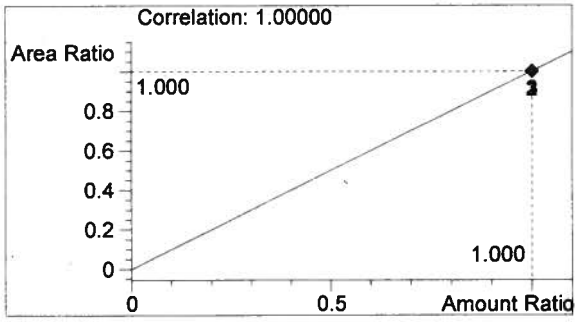
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	729	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

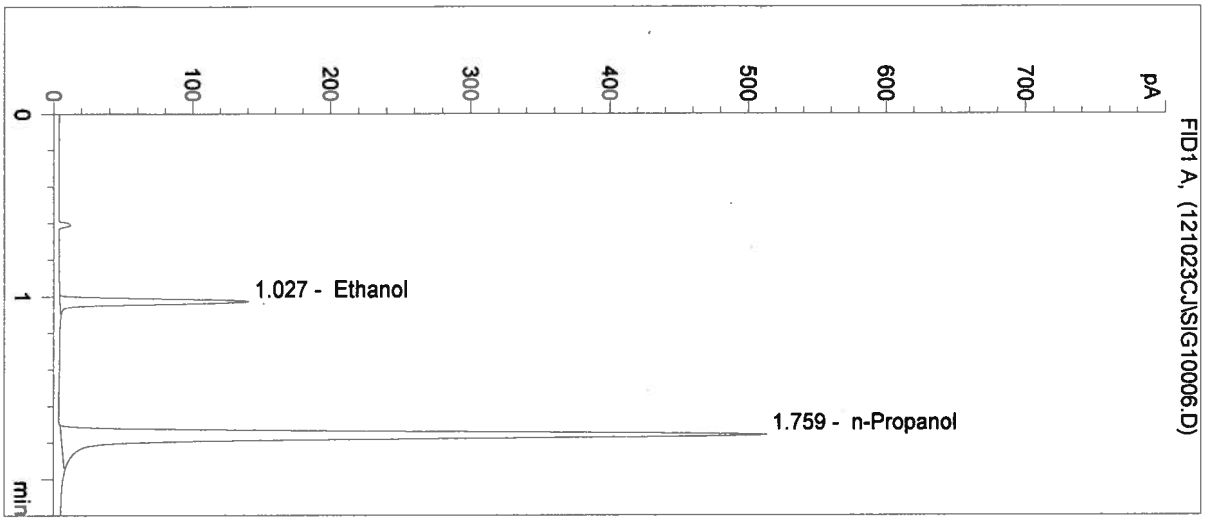
12046

CJ

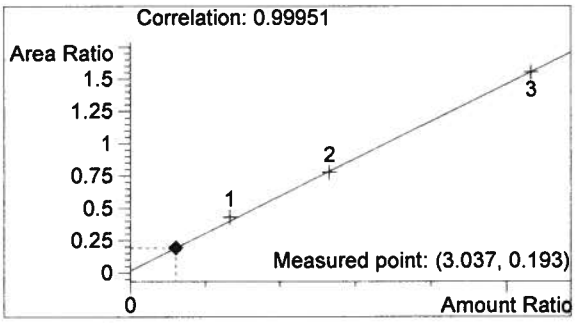
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:37:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

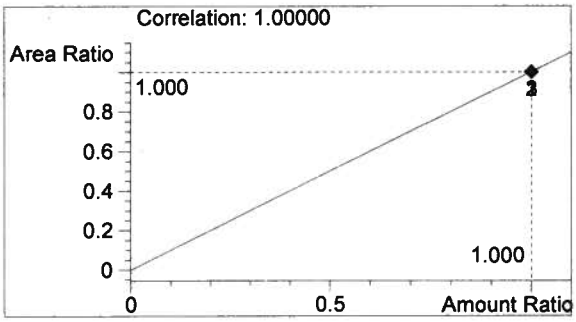
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	273	1.027
2	n-Propanol	1416	1.759



Ethanol 0.036 g/100mL



n-Propanol 0.012 g/100mL

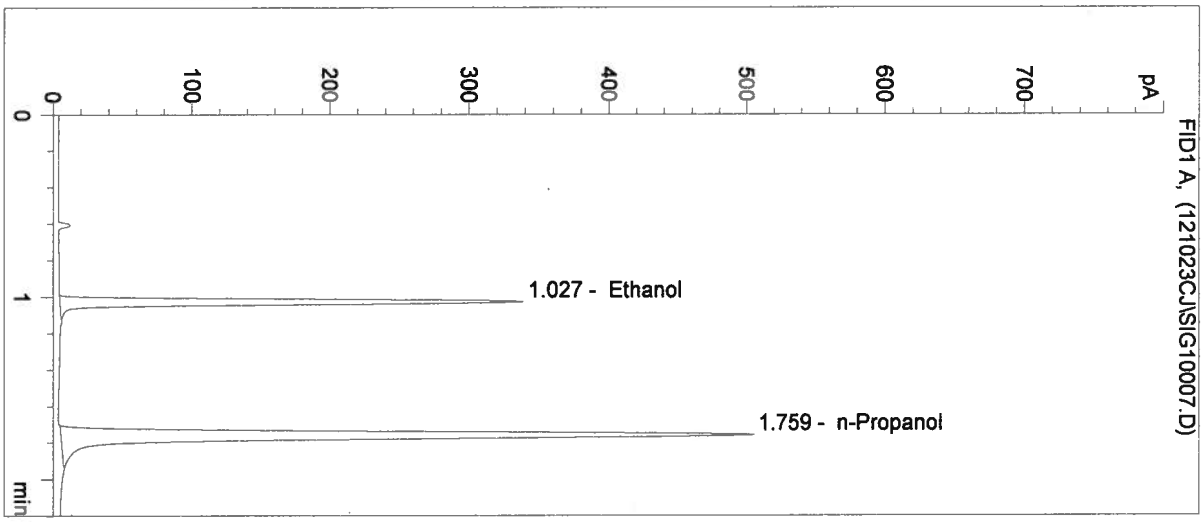
12046

CJ

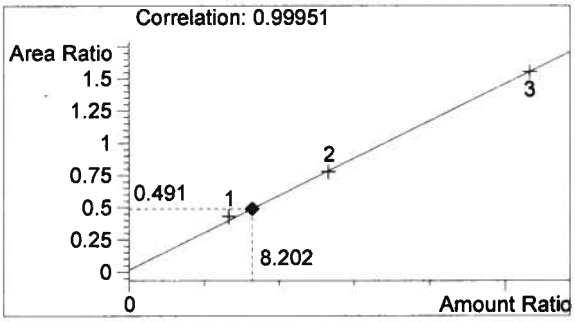
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:40:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

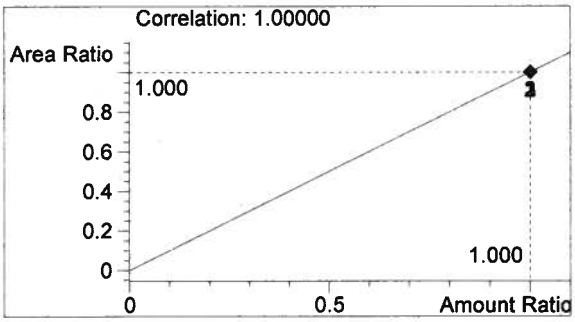
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	680	1.027
2	n-Propanol	1387	1.759



Ethanol 0.098 g/100mL



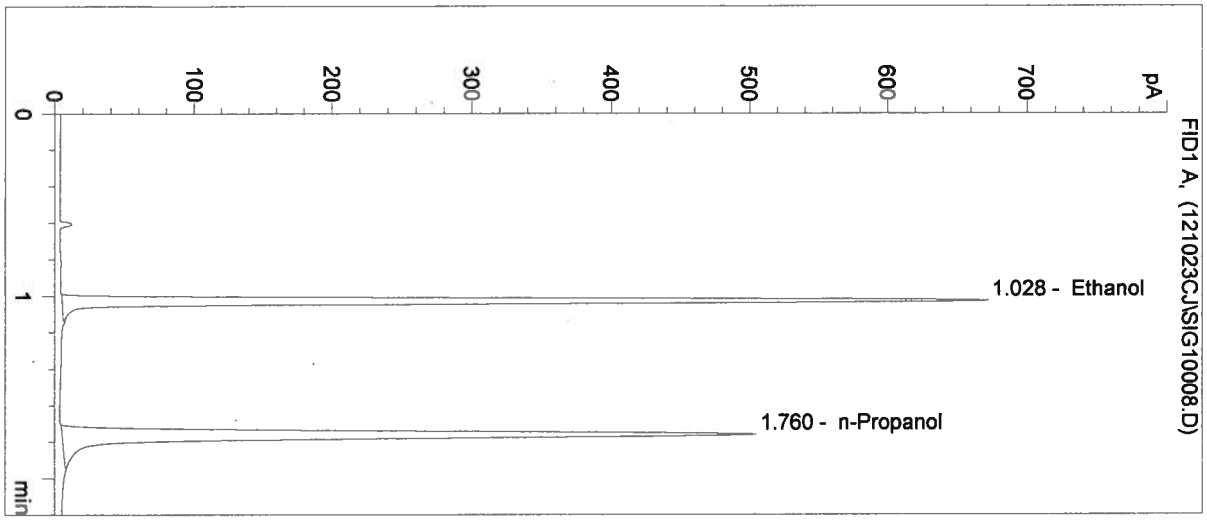
n-Propanol 0.012 g/100mL

12046

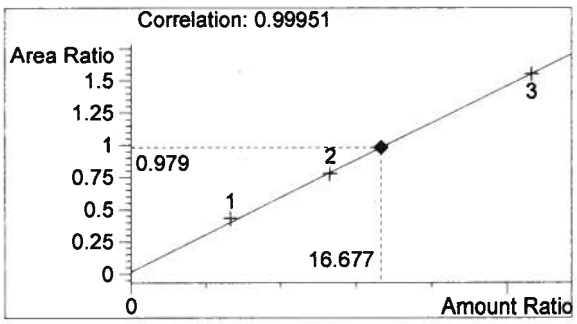
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:44:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

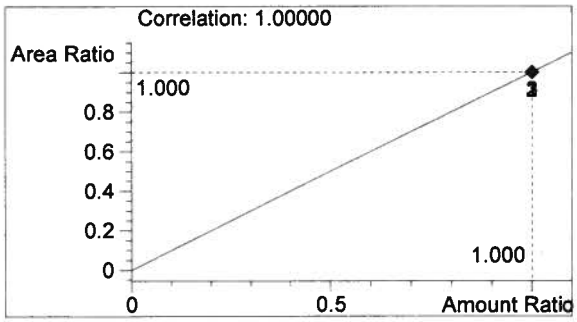
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1360	1.028
2	n-Propanol	1389	1.760



Ethanol 0.200 g/100mL



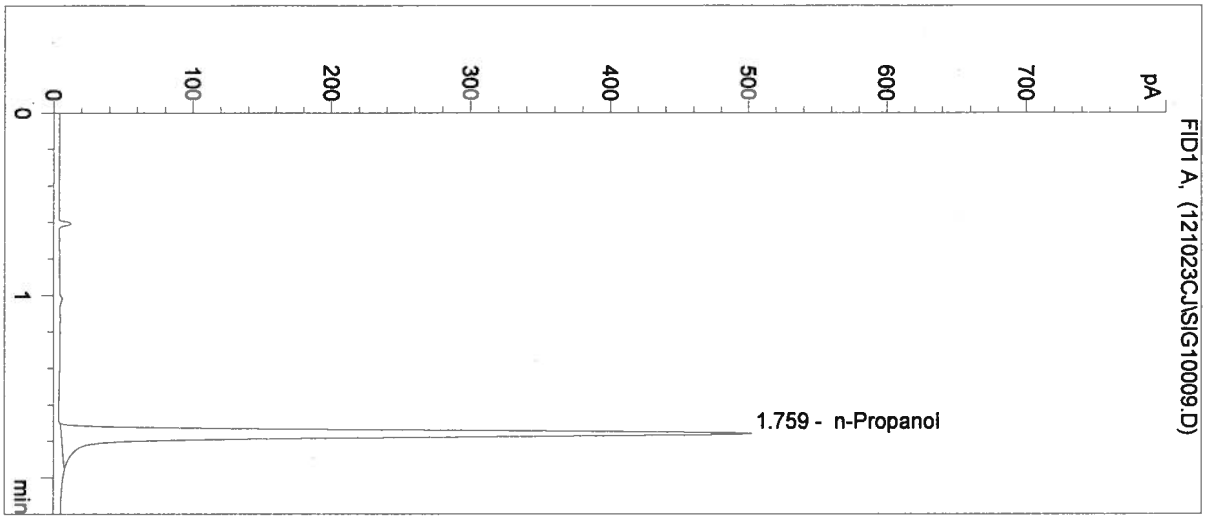
n-Propanol 0.012 g/100mL

12046

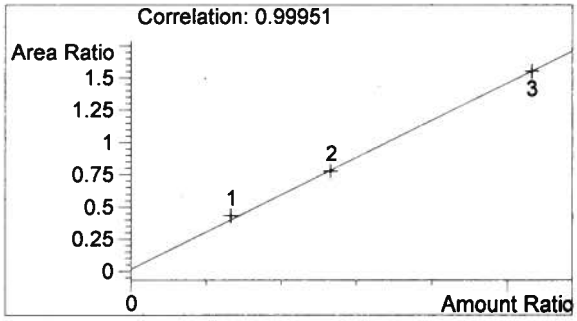
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:47:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

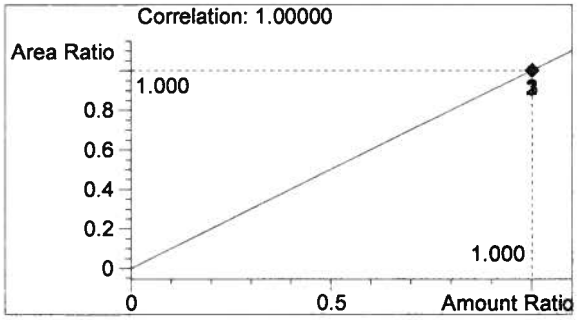
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1385	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

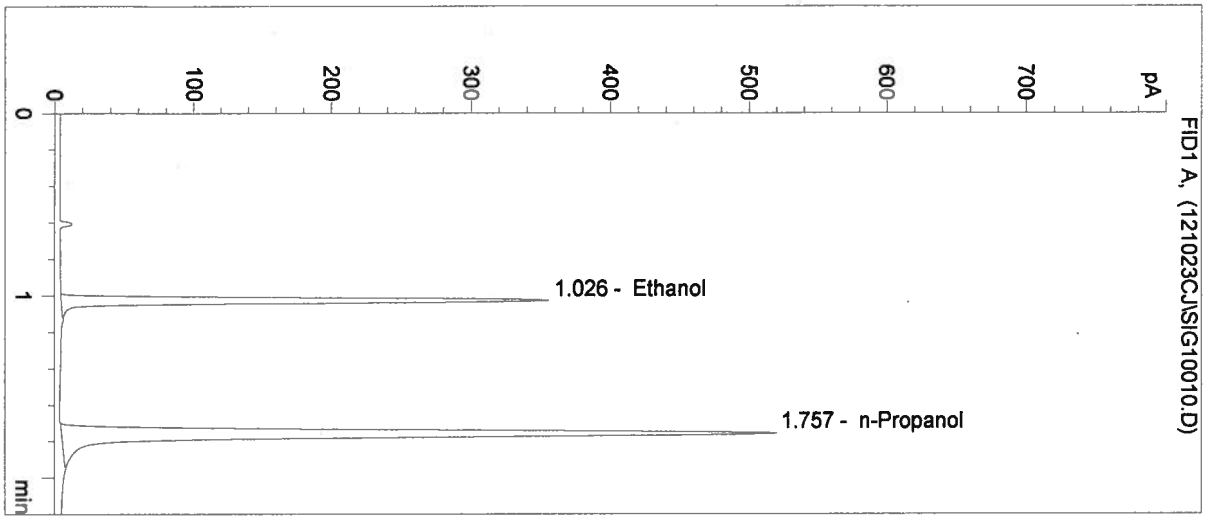
12046

CJ

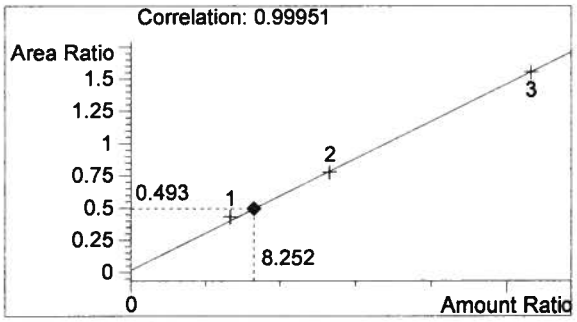
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:50:20 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

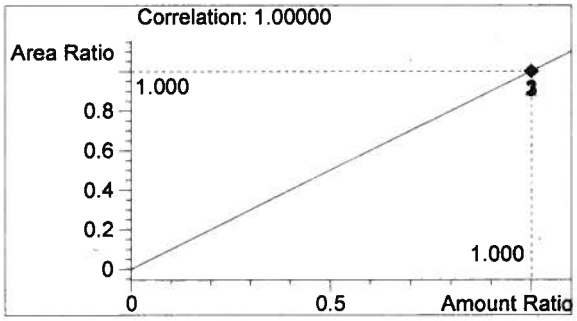
Sample Name: ESS 12046 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.026
2	n-Propanol	1437	1.757



Ethanol 0.099 g/100mL

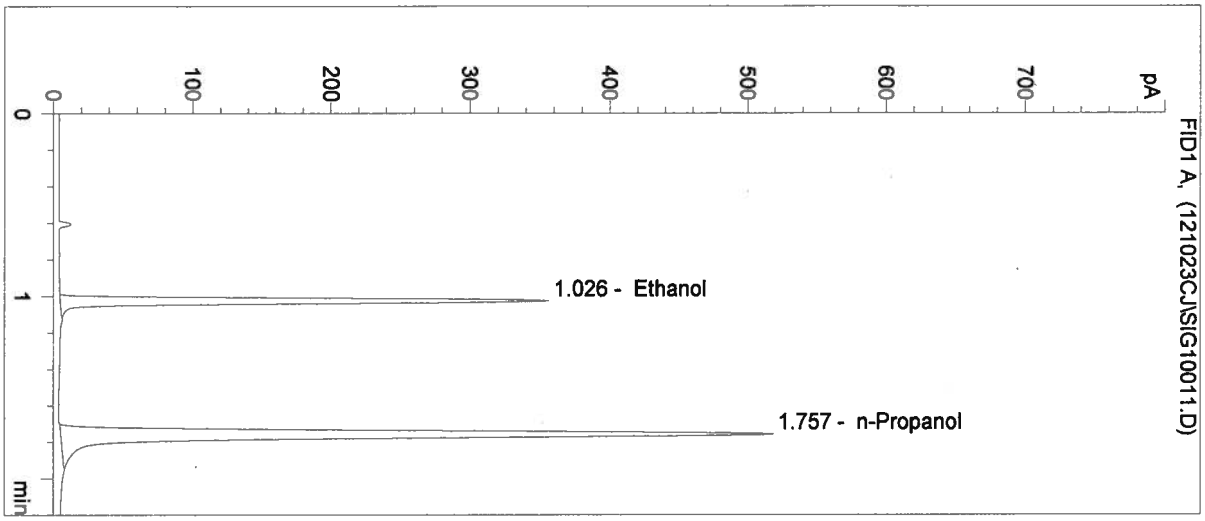


n-Propanol 0.012 g/100mL

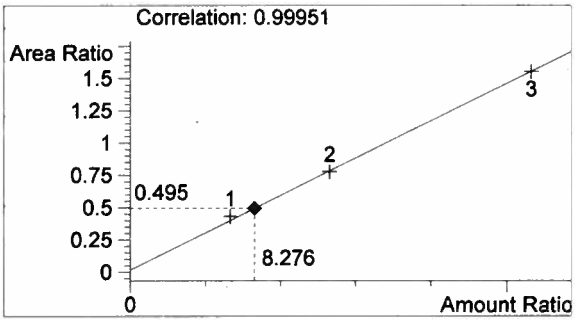
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:53:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

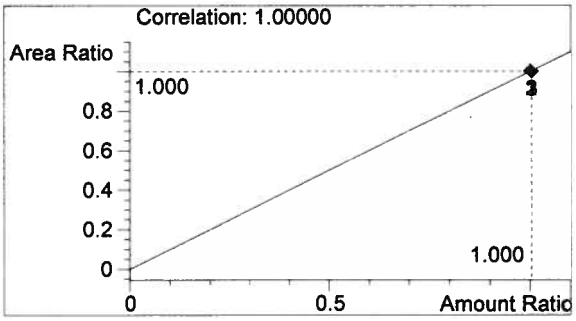
Sample Name: ESS 12046 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.026
2	n-Propanol	1434	1.757



Ethanol 0.099 g/100mL

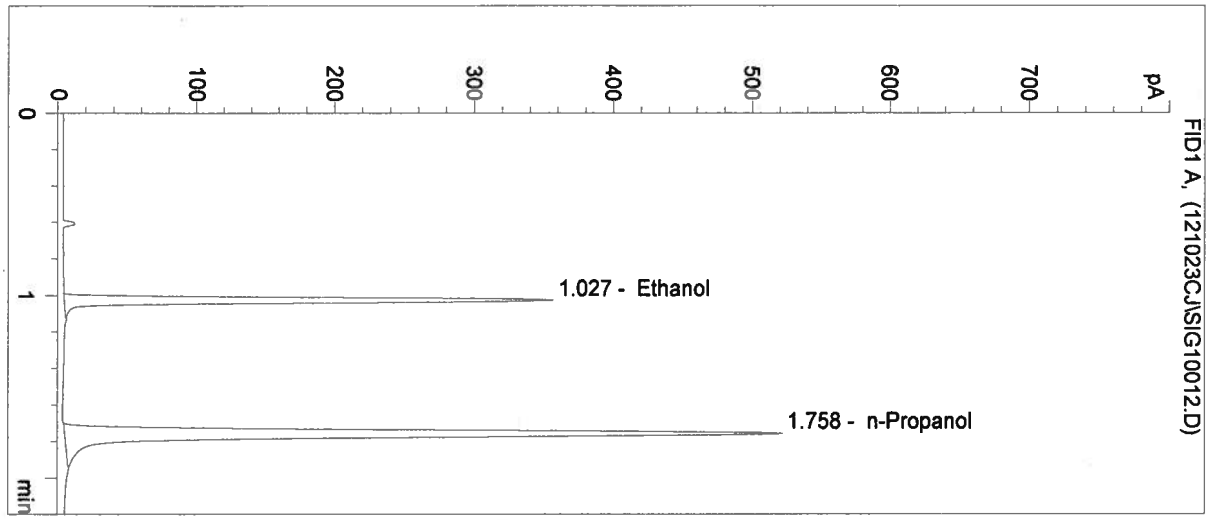


n-Propanol 0.012 g/100mL

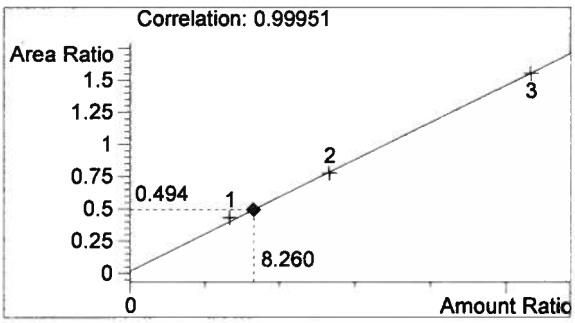
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:56:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

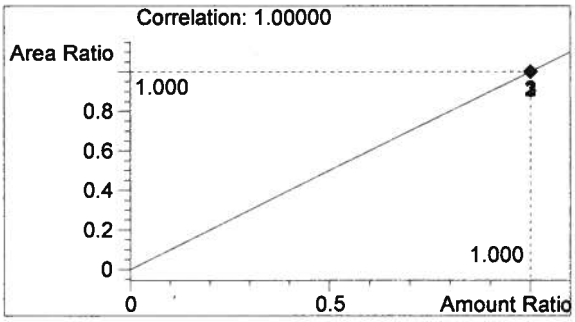
Sample Name: ESS 12046 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.027
2	n-Propanol	1442	1.758



Ethanol 0.099 g/100mL



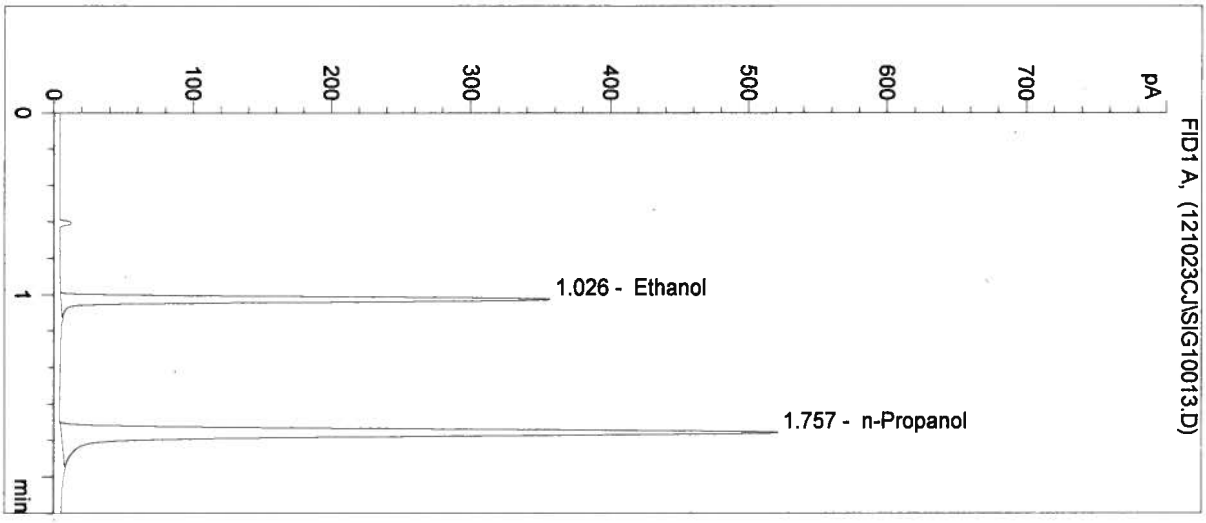
n-Propanol 0.012 g/100mL

CJ

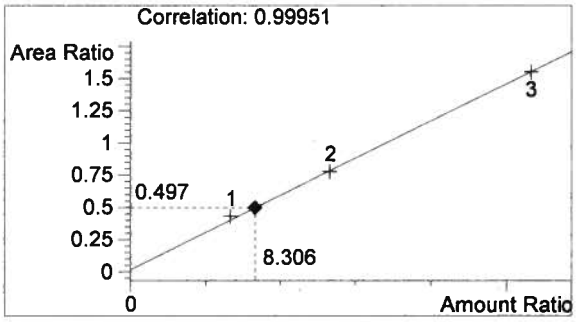
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 12:59:43 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

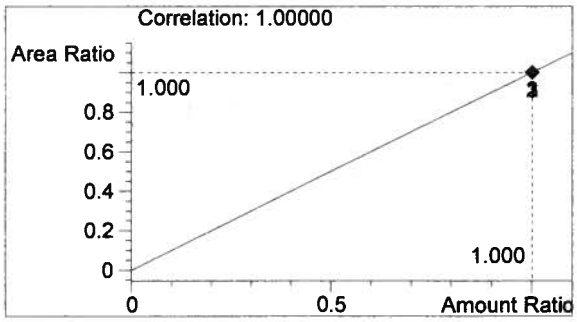
Sample Name: ESS 12046 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.026
2	n-Propanol	1441	1.757



Ethanol 0.100 g/100mL



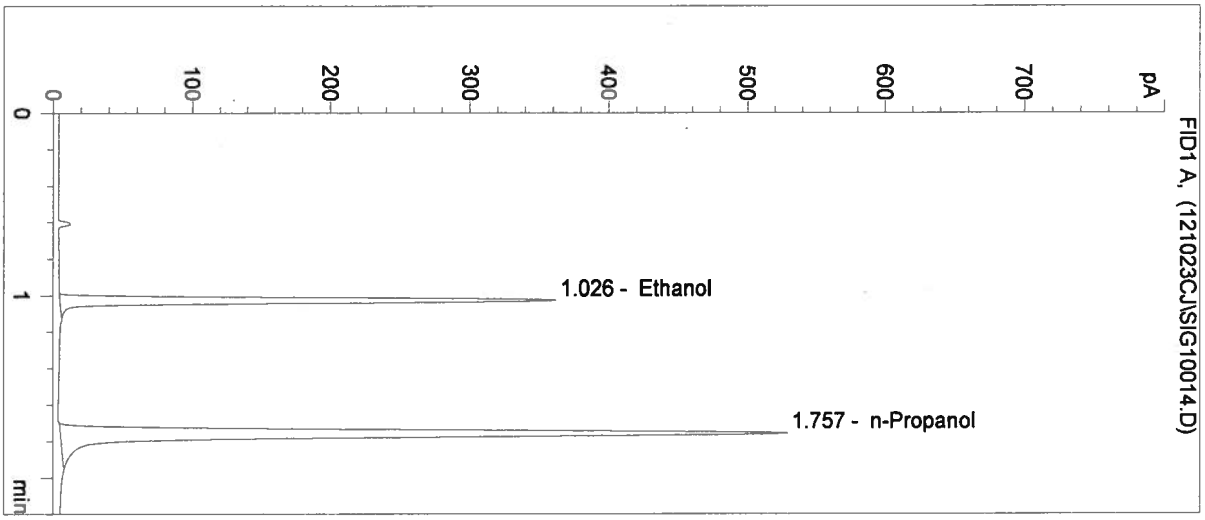
n-Propanol 0.012 g/100mL

CJ

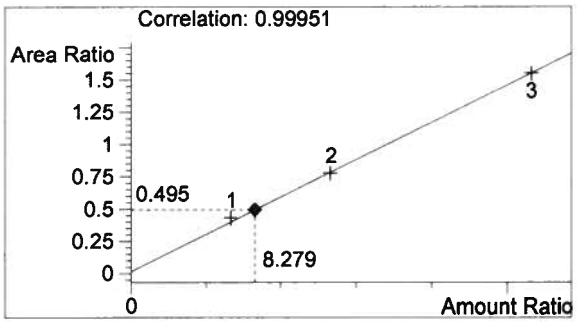
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 1:02:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

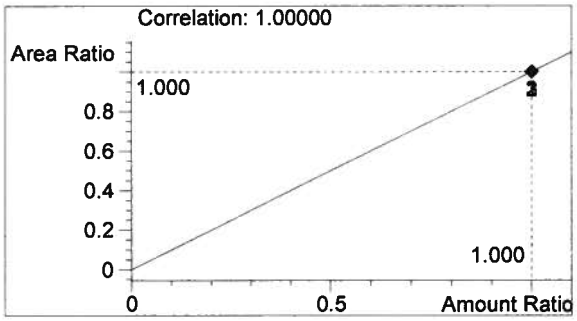
Sample Name: ESS 12046 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.026
2	n-Propanol	1457	1.757



Ethanol 0.099 g/100mL

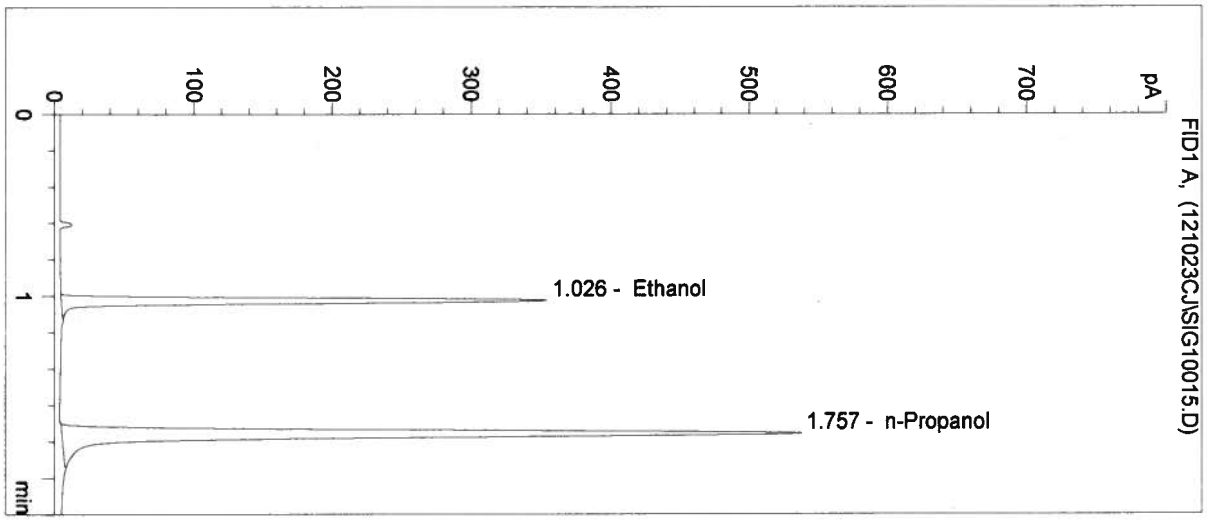


n-Propanol 0.012 g/100mL

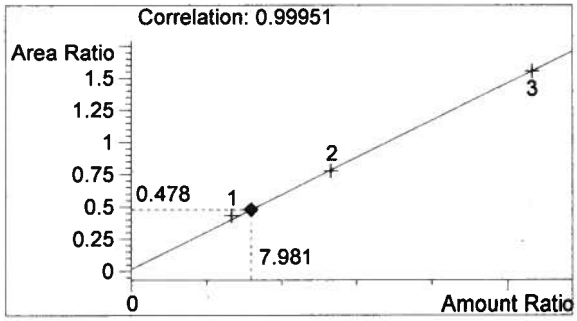
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 1:05:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

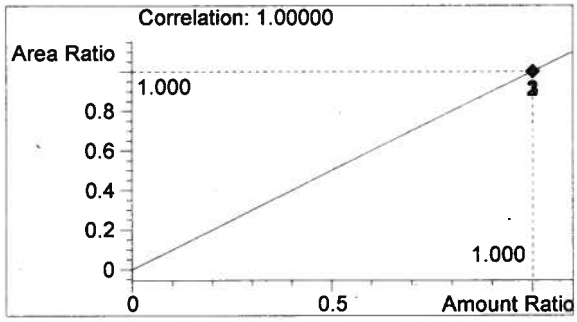
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	710	1.026
2	n-Propanol	1485	1.757



Ethanol 0.096 g/100mL



n-Propanol 0.012 g/100mL

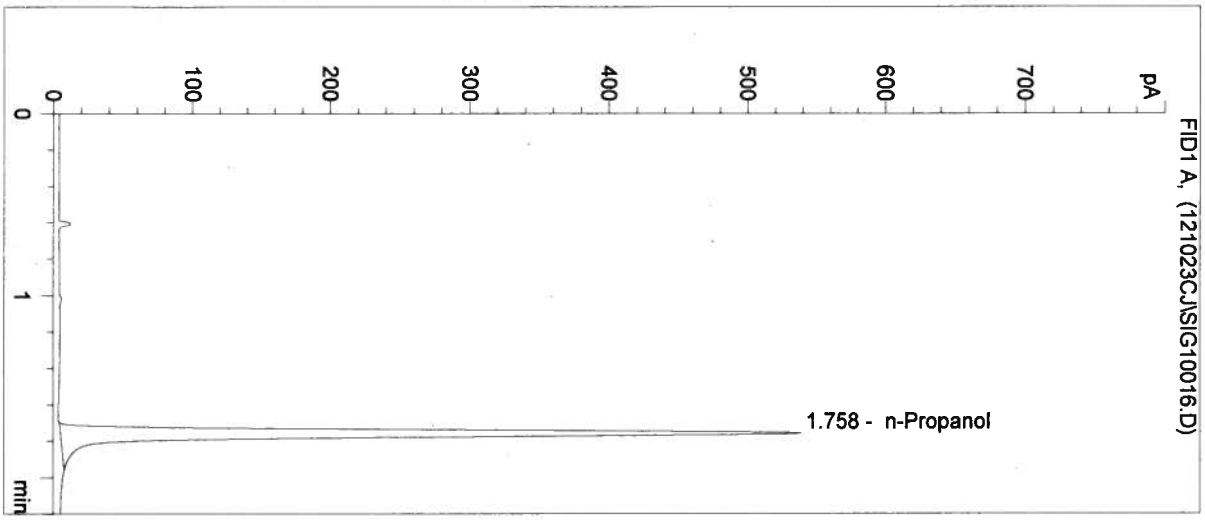
12046

CJ

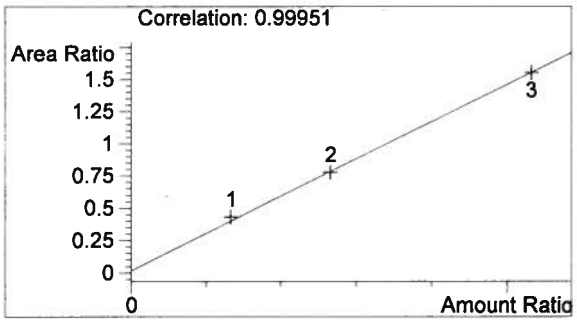
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 1:09:06 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

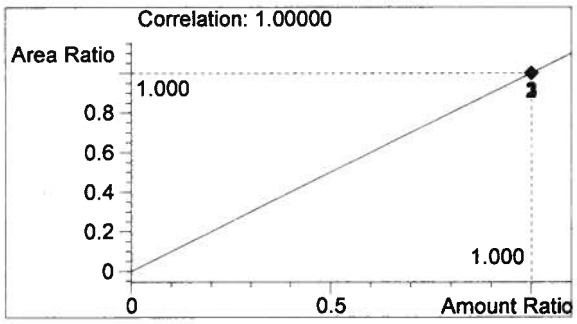
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1488	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

CJ

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:	121024SS
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# P1012 - exp 1/22/2013
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	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

SJS

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	

12046

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

Sequence Table (Back Injector):

No entries - empty table!

SWS

12046

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

==========

Calibration Table

==========

Calib. Data Modified : Wednesday, October 24, 2012 10:24:08 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	540.16467	1.47807e-4		1	Ethanol
			2	1.59780e-1	1115.57166	1.43227e-4			
			3	3.19310e-1	2232.38599	1.43035e-4			
1.759	1		1	1.20000e-2	1383.06335	8.67639e-6	I1		n-Propanol
			2	1.20000e-2	1415.58472	8.47706e-6			
			3	1.20000e-2	1402.89307	8.55375e-6			

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Peak Sum Table

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No Entries in table

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12046

SMS

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Calibration Curves

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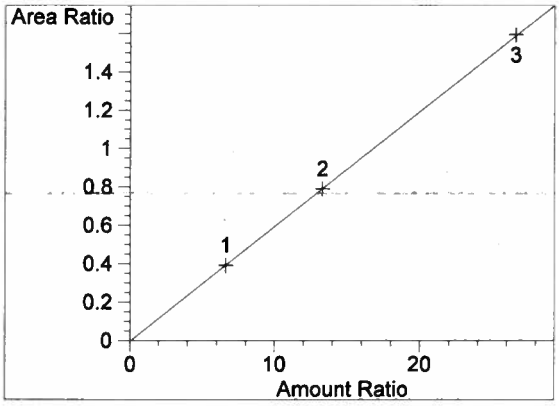
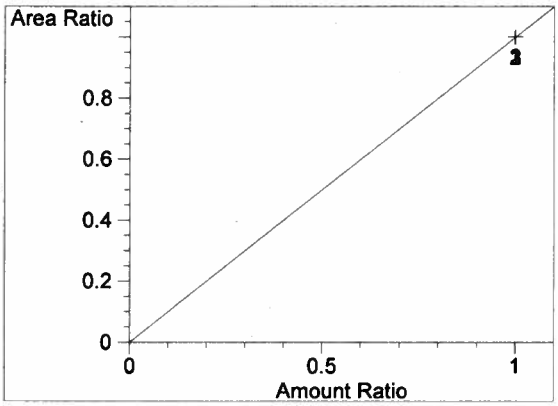


Ethanol at exp. RT: 1.028
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00544
Formula: y = mx + b
m: 5.98607e-2
b: -4.56726e-3
x: Amount Ratio
y: Area Ratio



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

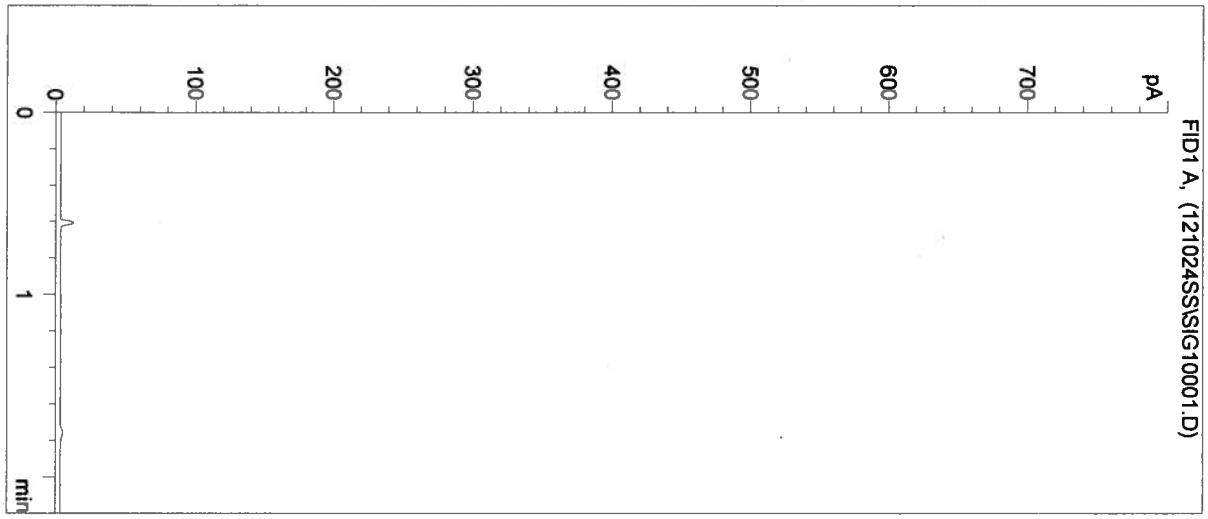
==========

12046

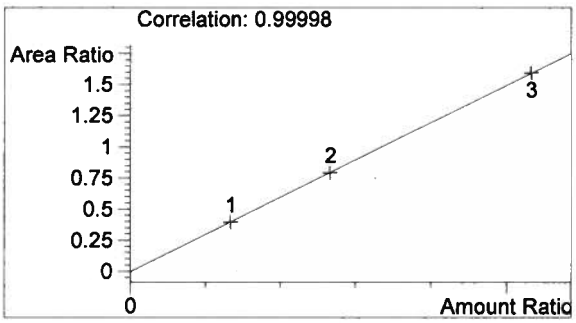
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:12:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

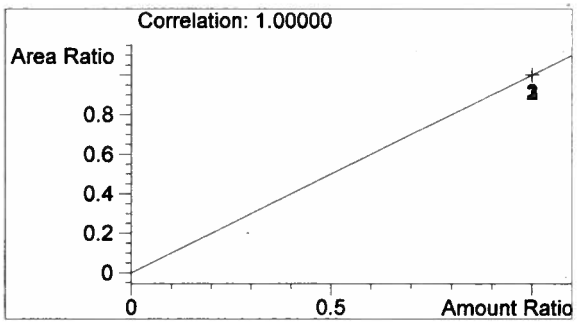
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



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



Ethanol 0.000 g/100mL



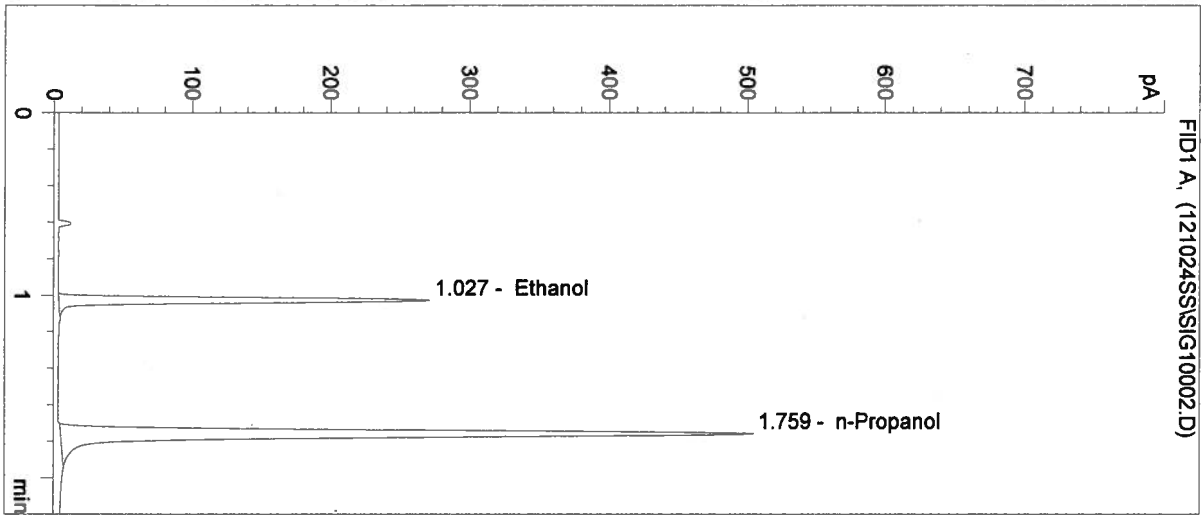
n-Propanol 0.000 g/100mL

12046

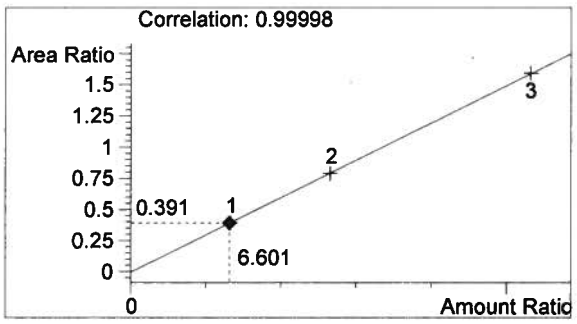
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:15:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

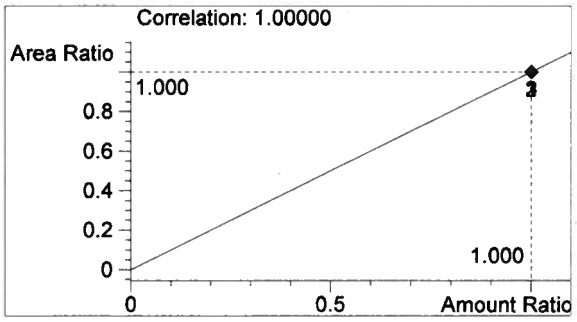
Sample Name: 0.079 CAL 1
Operator: Sarah Swenson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	540	1.027
2	n-Propanol	1383	1.759



Ethanol 0.079 g/100mL

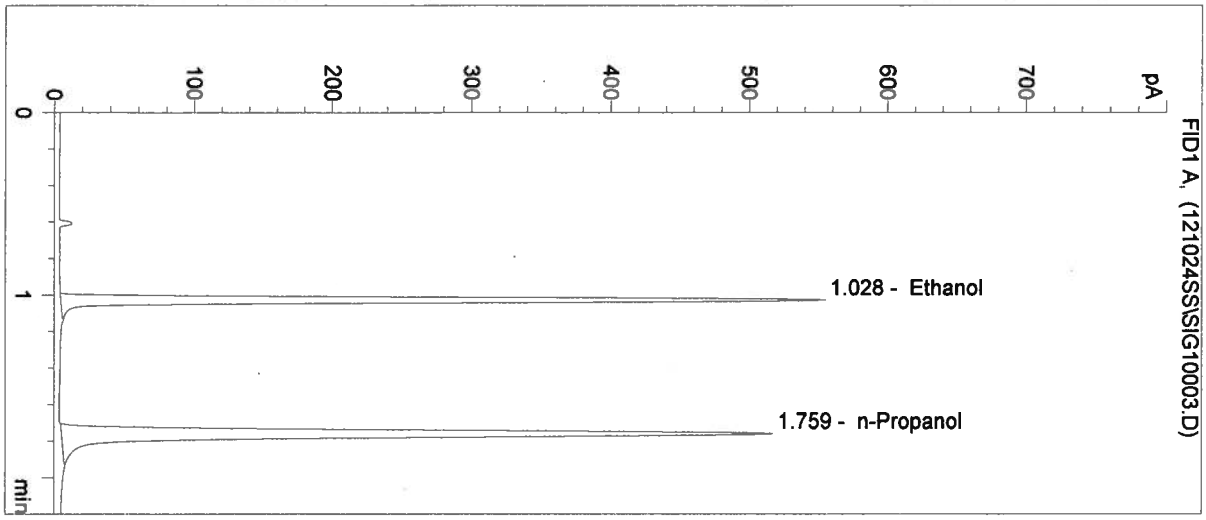


n-Propanol 0.012 g/100mL

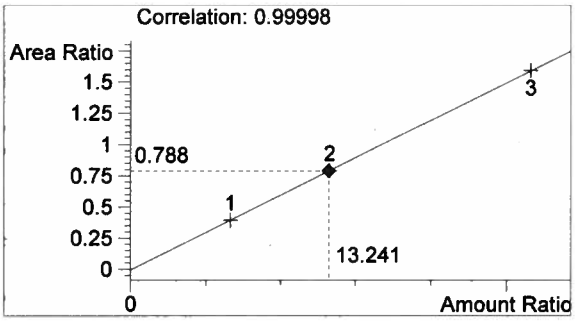
12046

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

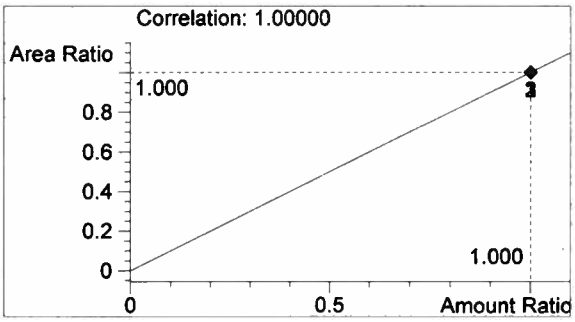
Inj. Date: 10/24/2012 10:18:48 AM
Sample Name: 0.158 CAL 2
Instrument: HSGC#3
Operator: Sarah Swenson
Column: DB-ALC2
Location: Vial 3
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.028
2	n-Propanol	1416	1.759



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

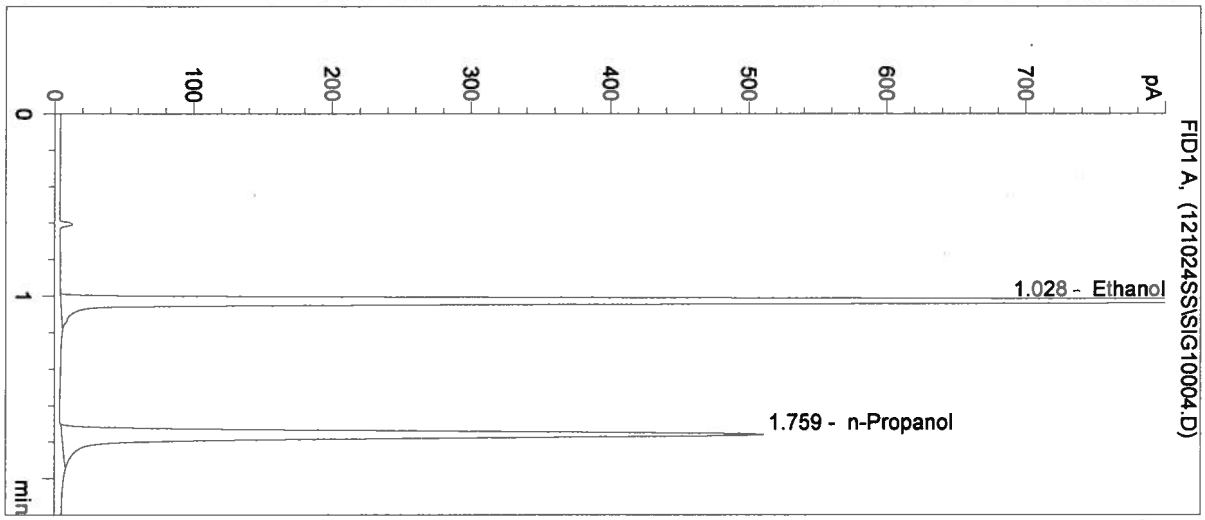
12046

SS

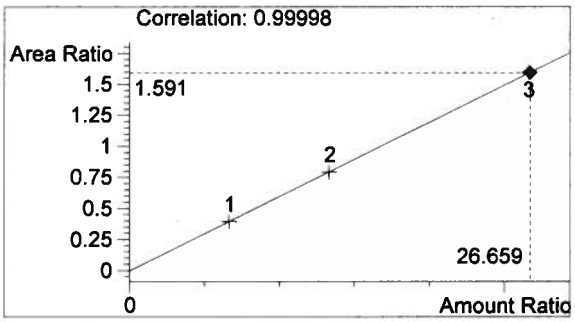
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:21:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

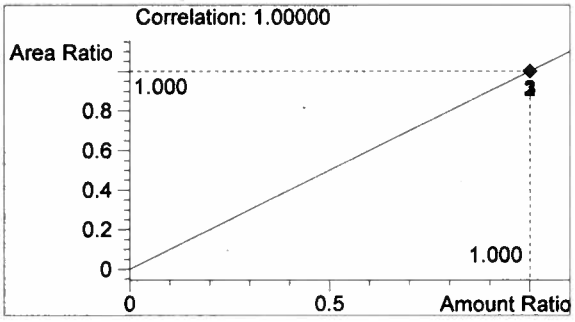
Sample Name: 0.316 CAL 3
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2232	1.028
2	n-Propanol	1403	1.759



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

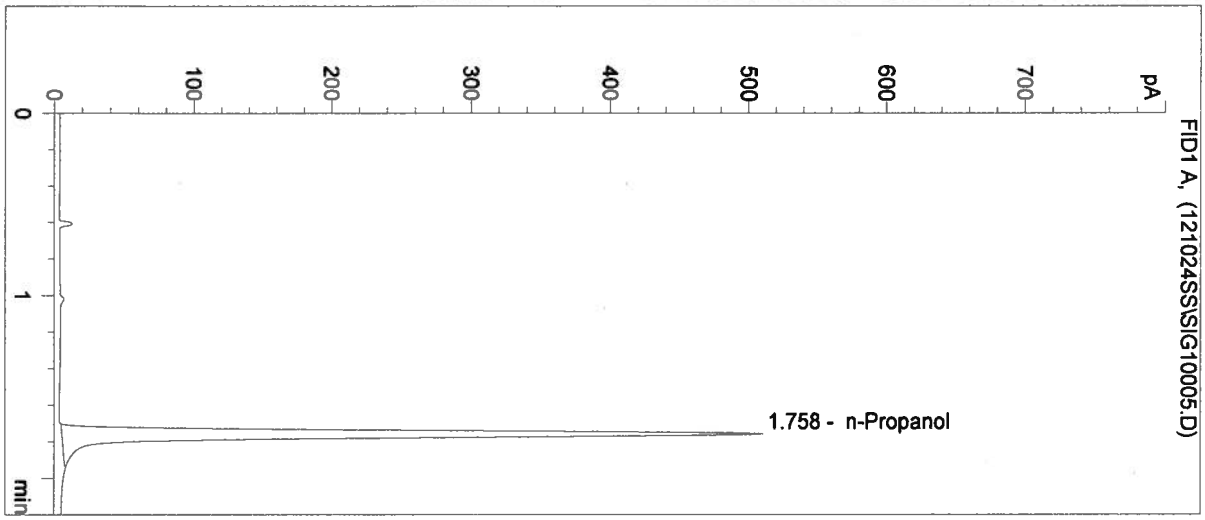
12046

SKS

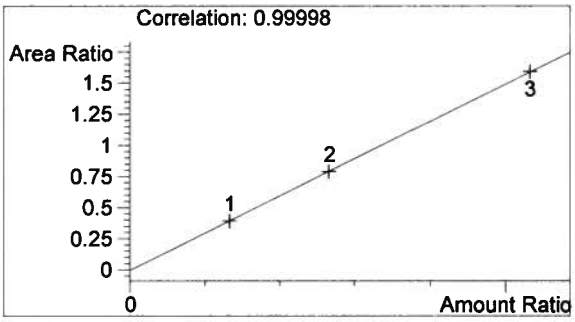
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:25:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

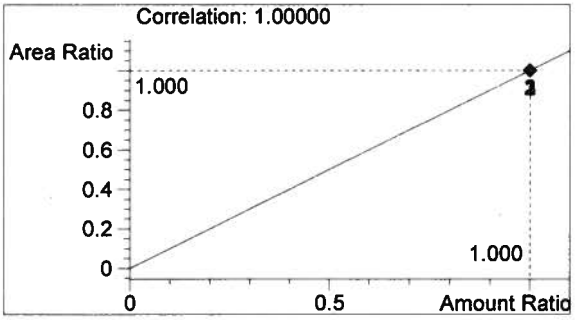
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1402	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

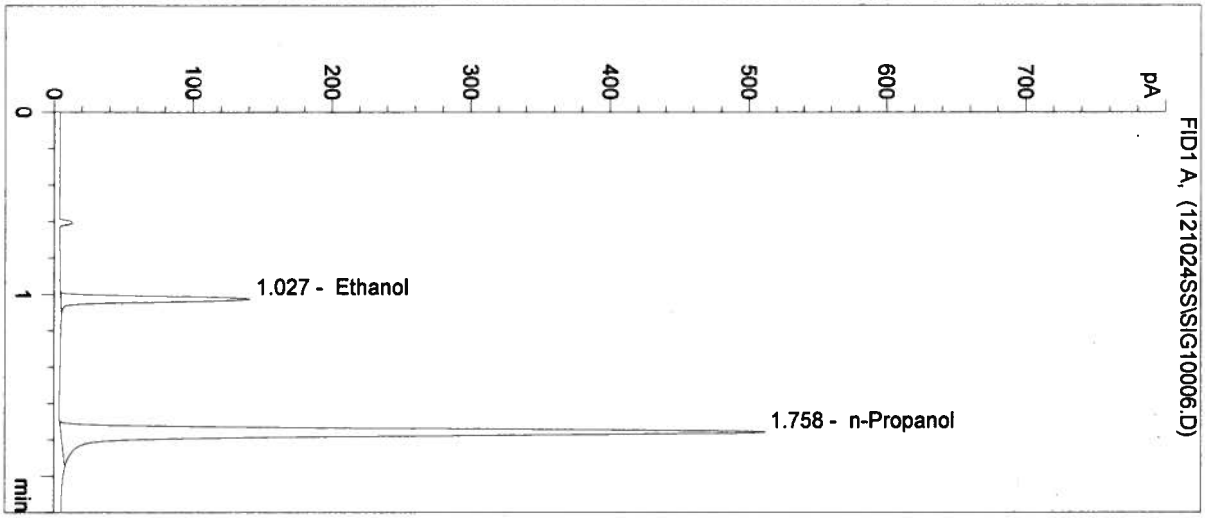
12046

SMS

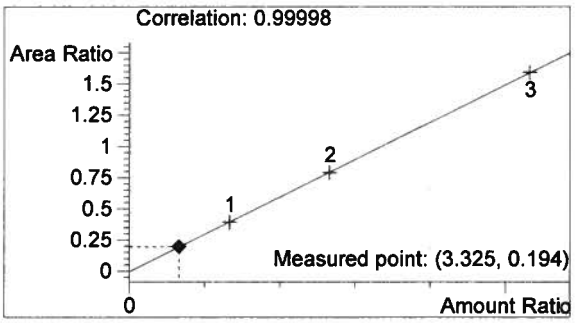
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:28:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

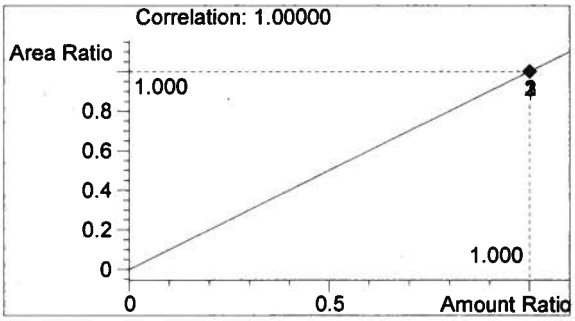
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	275	1.027
2	n-Propanol	1416	1.758



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

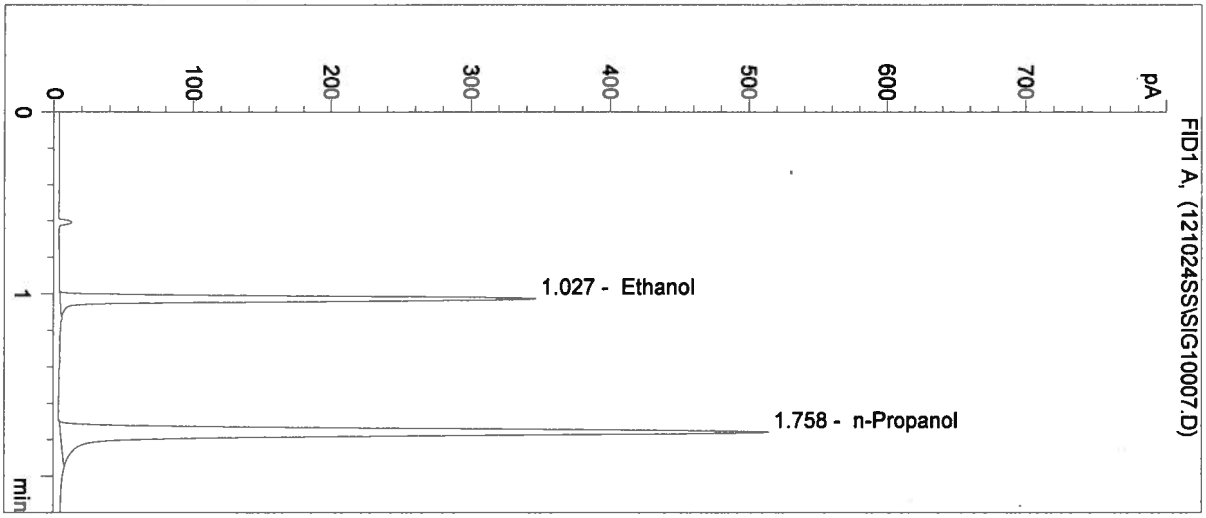
12046

SG

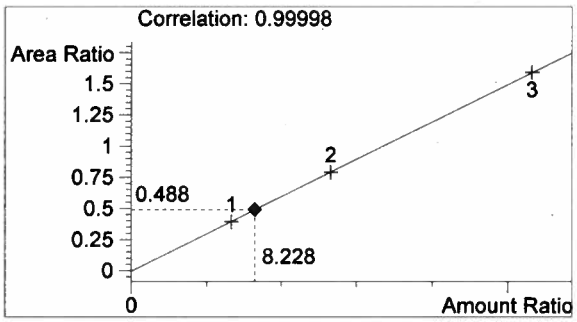
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:31:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

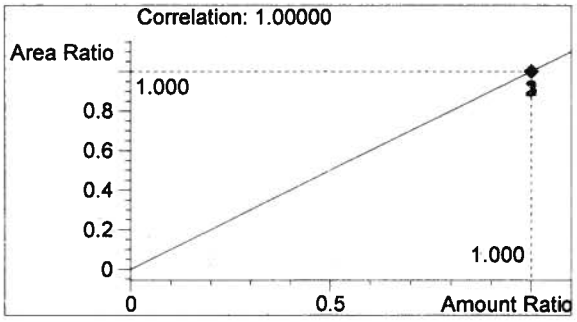
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.027
2	n-Propanol	1420	1.758



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

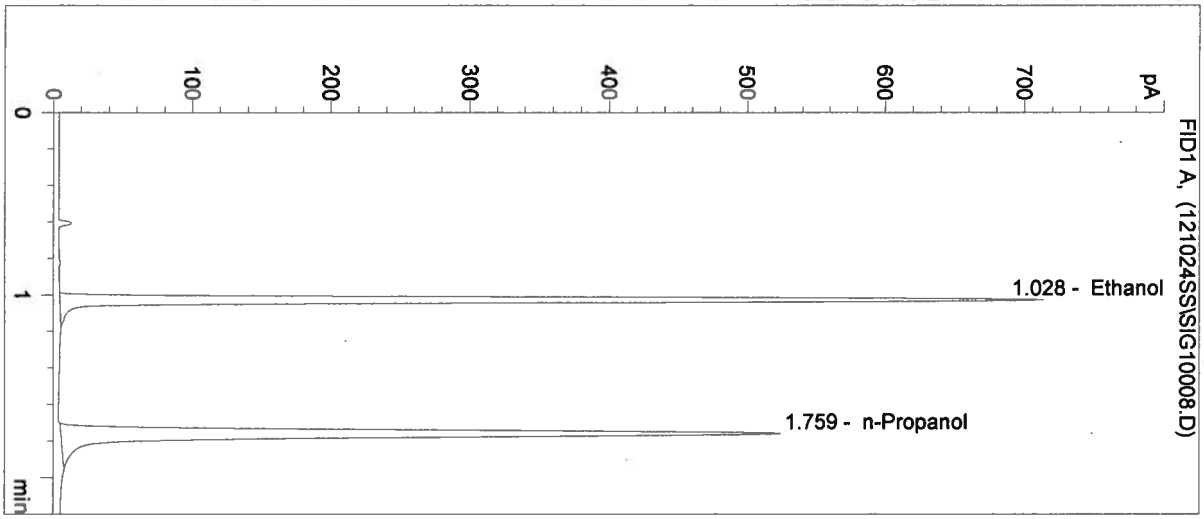
12046

SMS

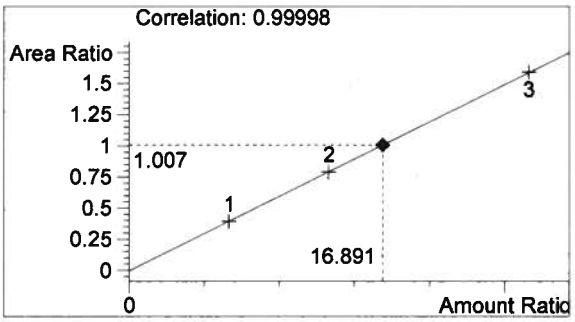
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:34:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

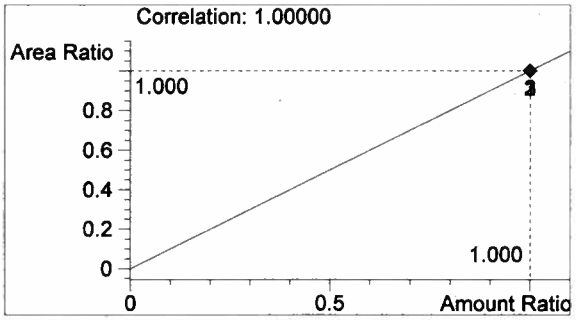
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1452	1.028
2	n-Propanol	1443	1.759



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

12046

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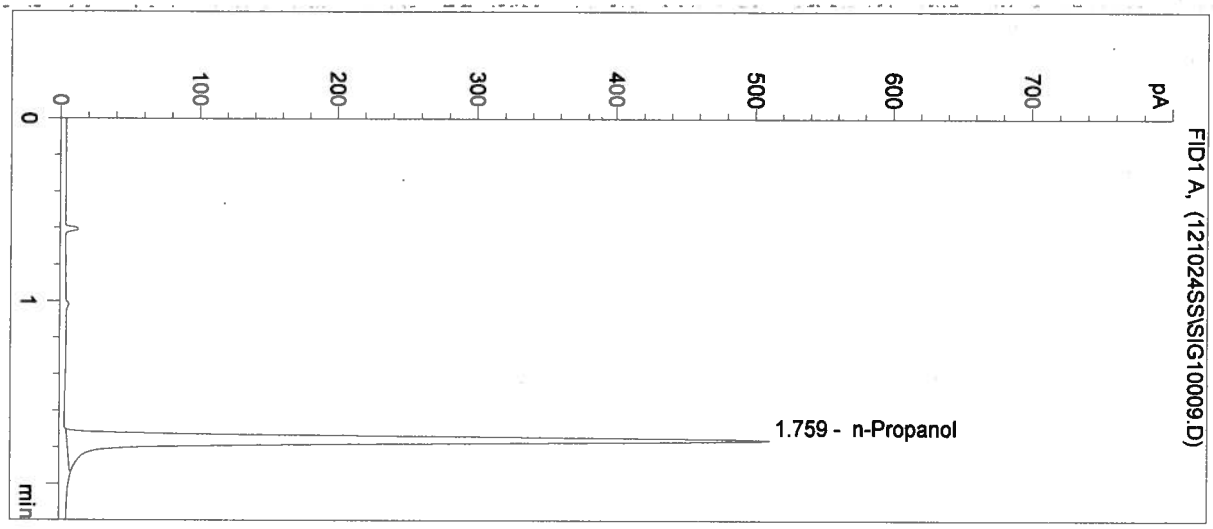
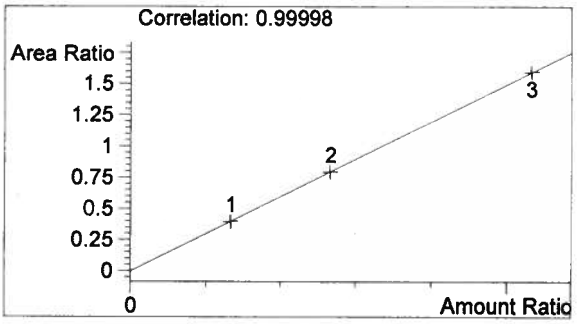
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:37:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

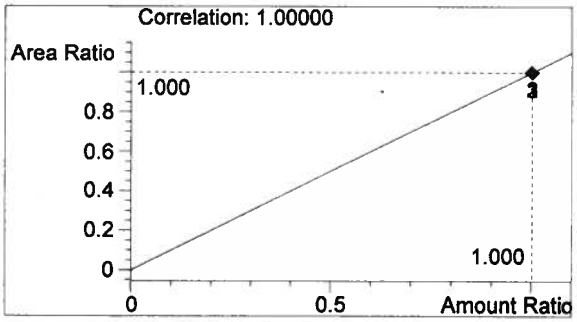
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1405	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

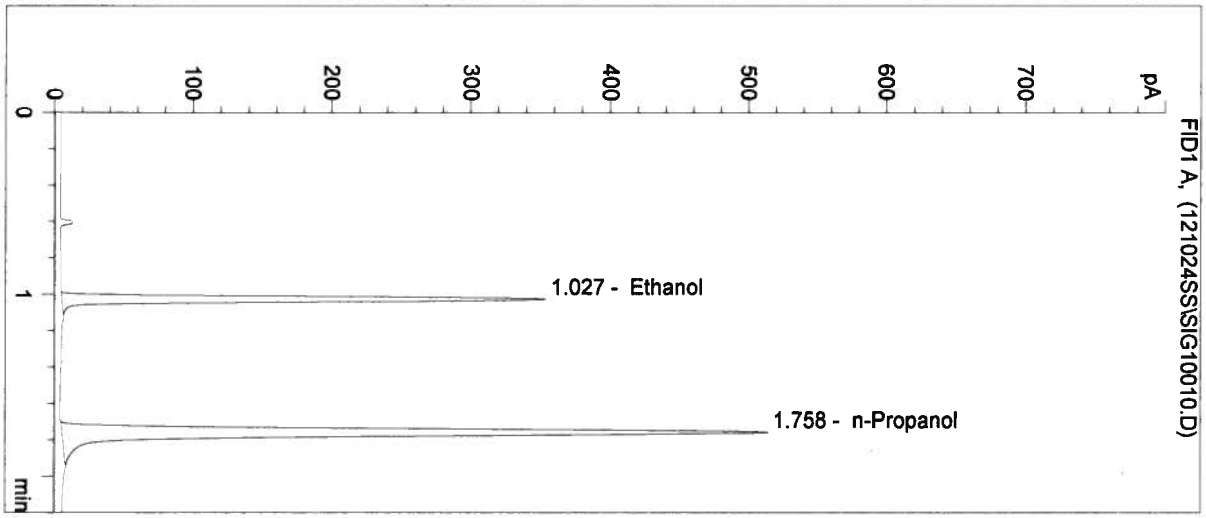
12046

SMS

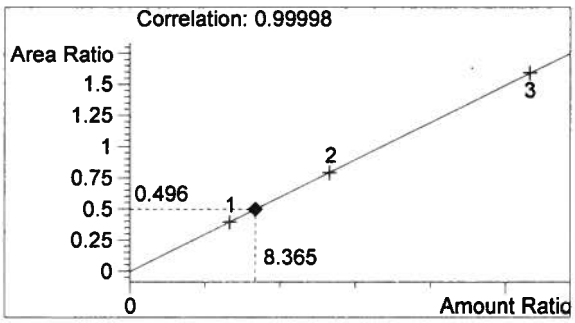
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:40:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

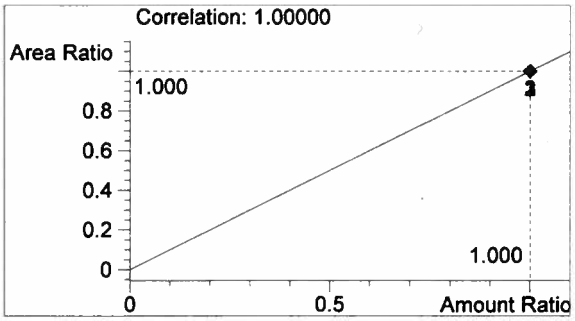
Sample Name: 12046 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.027
2	n-Propanol	1418	1.758



Ethanol 0.100 g/100mL



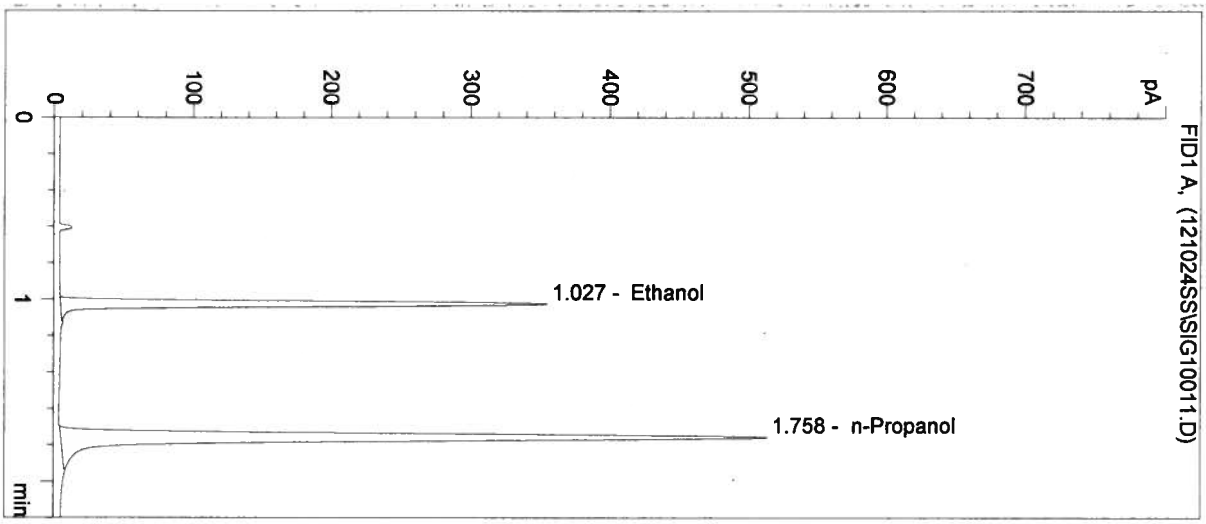
n-Propanol 0.012 g/100mL

SMS

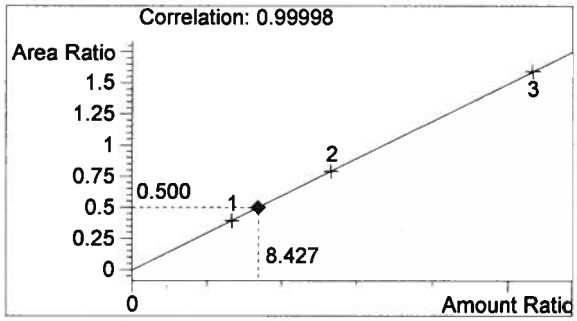
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:43:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

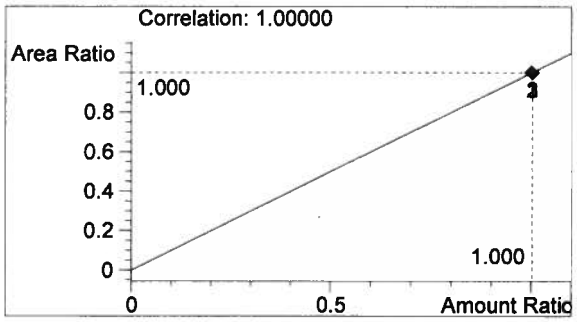
Sample Name: 12046 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1417	1.758



Ethanol 0.101 g/100mL



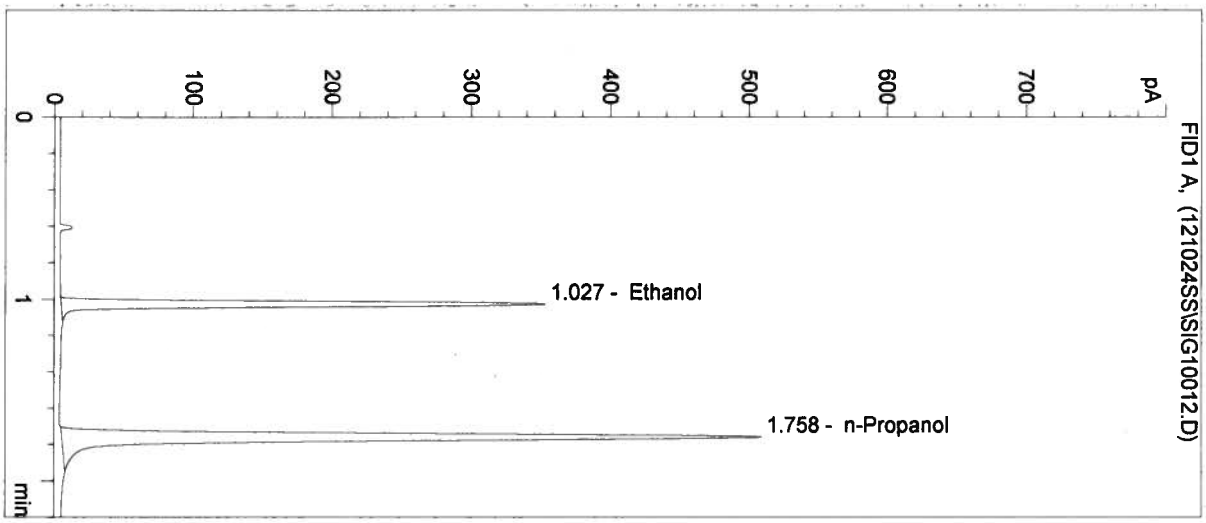
n-Propanol 0.012 g/100mL

SMS

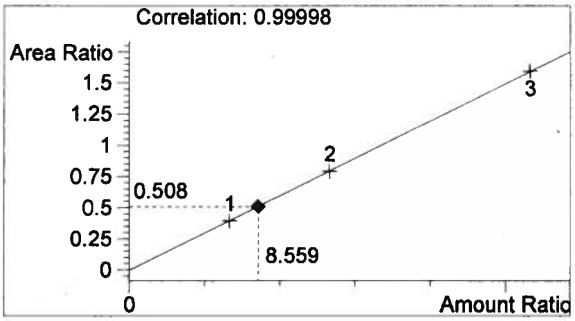
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:46:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

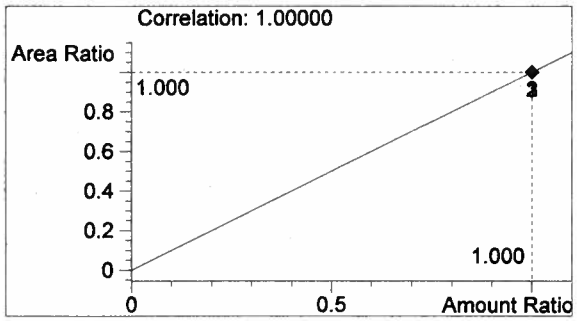
Sample Name: 12046 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.027
2	n-Propanol	1400	1.758



Ethanol 0.103 g/100mL



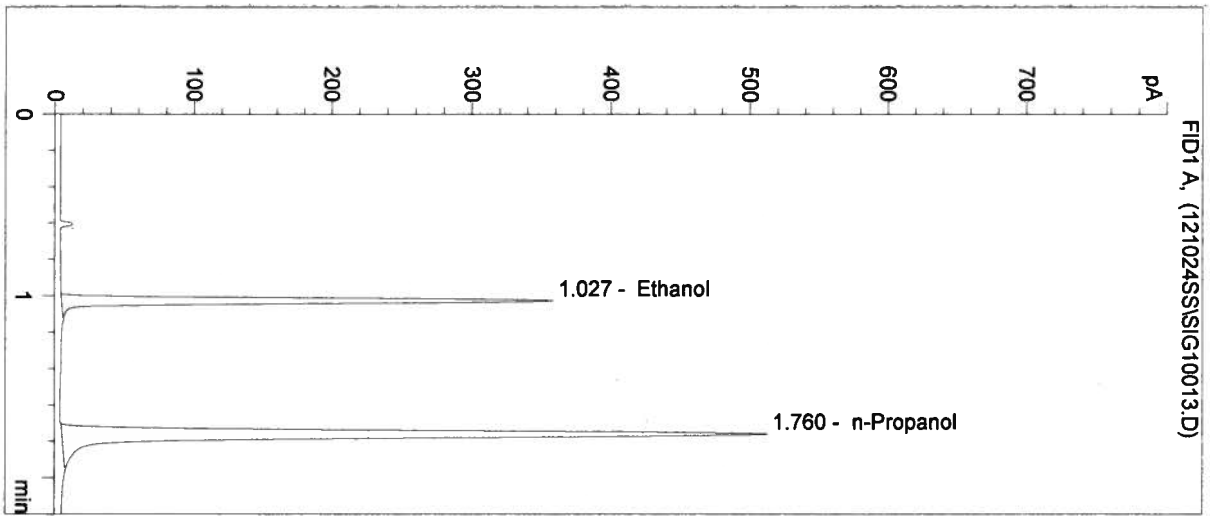
n-Propanol 0.012 g/100mL

SMS

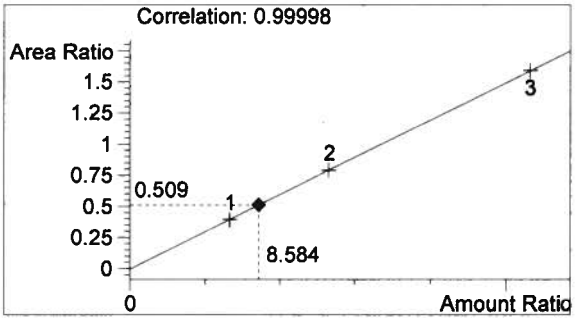
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:50:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

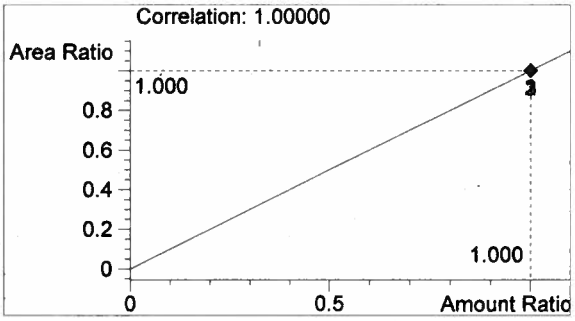
Sample Name: 12046 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.027
2	n-Propanol	1414	1.760



Ethanol 0.103 g/100mL



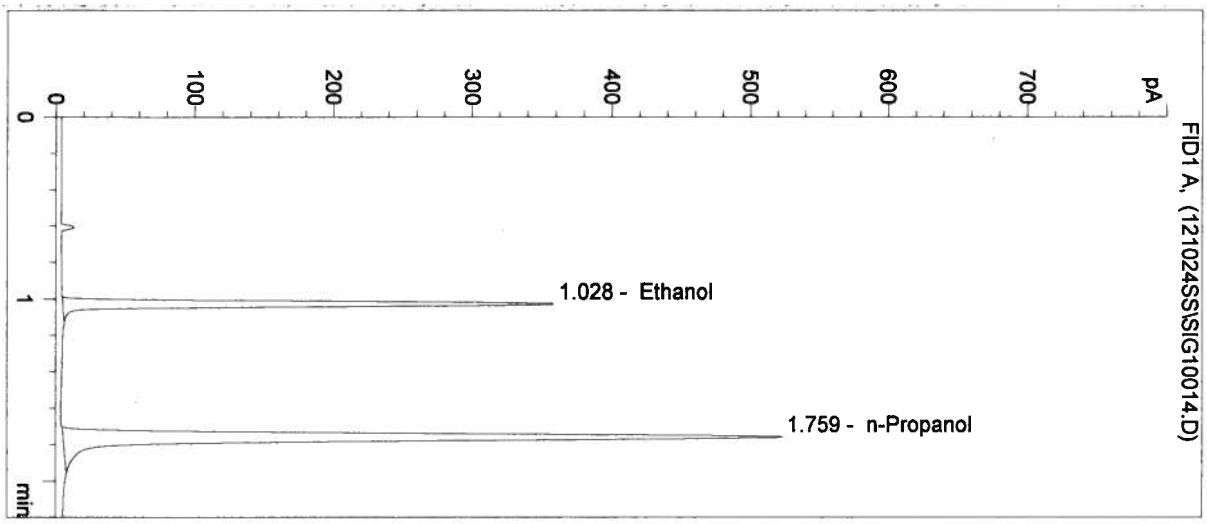
n-Propanol 0.012 g/100mL

SMS

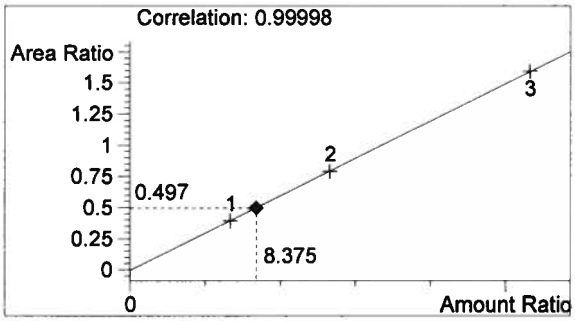
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:53:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

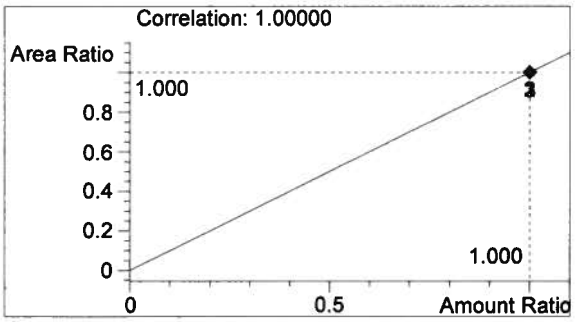
Sample Name: 12046 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	717	1.028
2	n-Propanol	1443	1.759



Ethanol 0.101 g/100mL



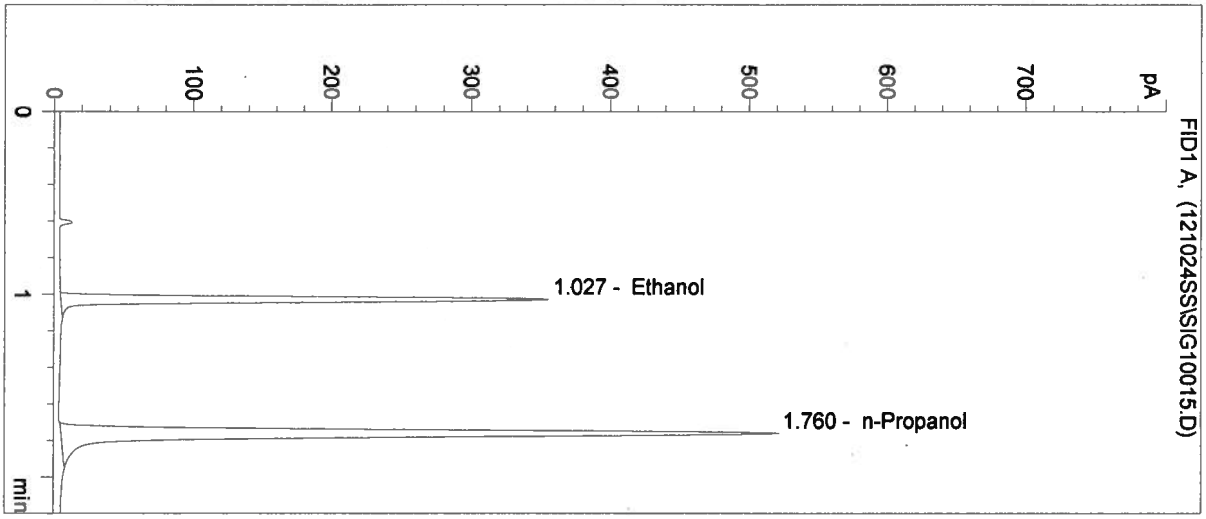
n-Propanol 0.012 g/100mL

SMS

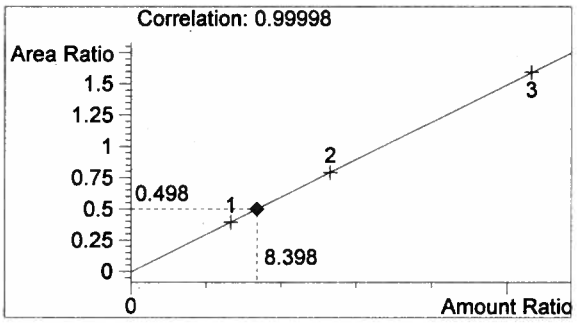
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:56:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

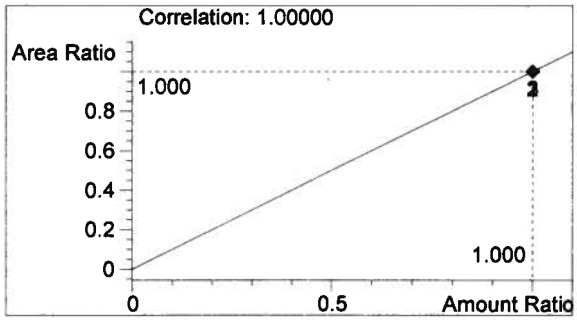
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	714	1.027
2	n-Propanol	1434	1.760



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

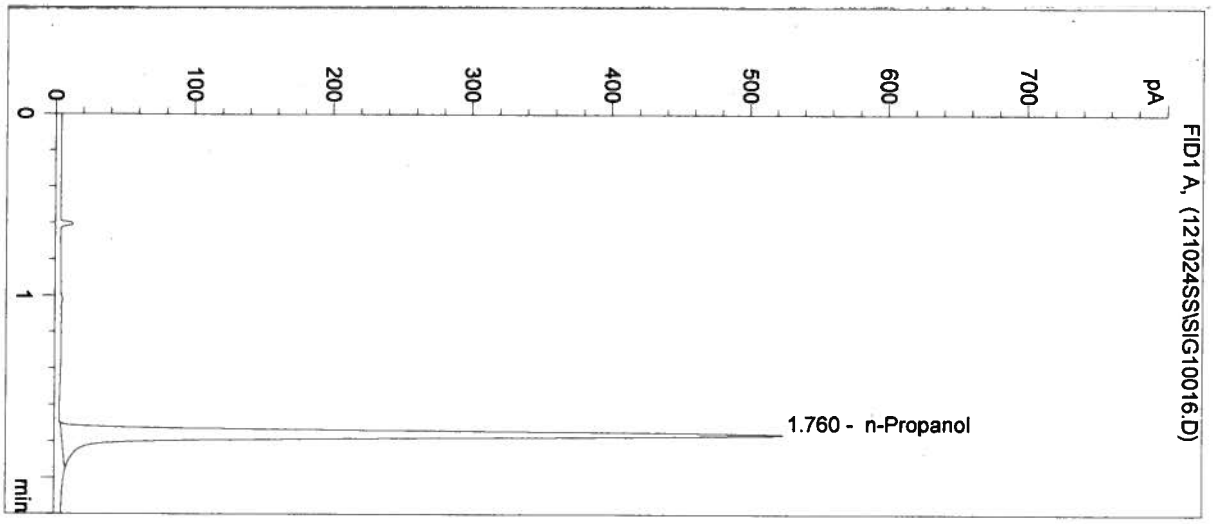
12046

SJS

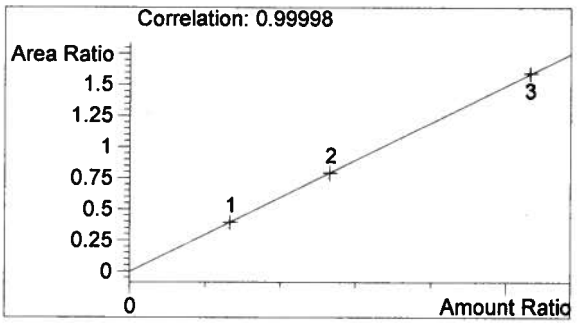
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 10:59:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

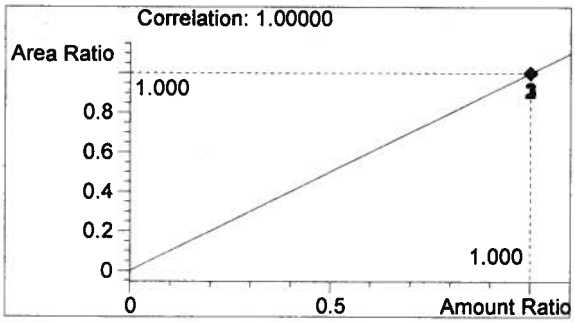
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1444	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

SMS

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:	121024JK
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#P1012 - Exp. 01/22/2013

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	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	12046-01	SIMALC3	1	Sample		
11	Vial 11	12046-02	SIMALC3	1	Sample		
12	Vial 12	12046-03	SIMALC3	1	Sample		
13	Vial 13	12046-04	SIMALC3	1	Sample		
14	Vial 14	12046-05	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

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

Sequence Table (Back Injector):

No entries - empty table!

12046

JK

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

Calibration Table

Calib. Data Modified : Wednesday, October 24, 2012 9:17:04 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	538.74207	1.48197e-4	1		Ethanol
		2	1.59780e-1	1077.53271	1.48283e-4			
		3	3.19310e-1	2188.85376	1.45880e-4			
1.758	1	1	1.20000e-2	1366.14722	8.78383e-6	I1		n-Propanol
		2	1.20000e-2	1372.95386	8.74028e-6			
		3	1.20000e-2	1411.03430	8.50440e-6			

Peak Sum Table

No Entries in table

12046

JK

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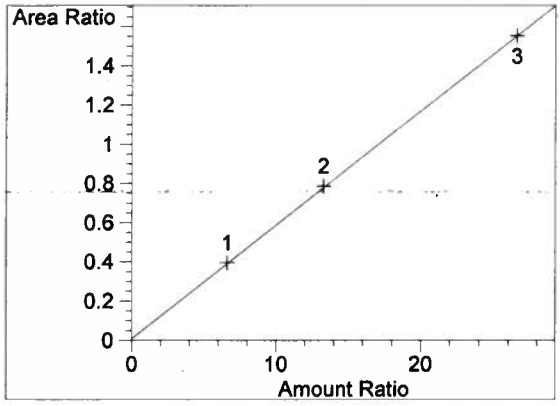
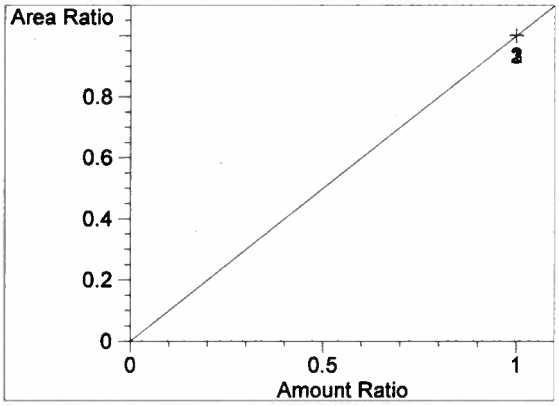
Calibration Curves

==========



Ethanol at exp. RT: 1.027
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00540
Formula: y = mx + b
m: 5.82508e-2
b: 4.31080e-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

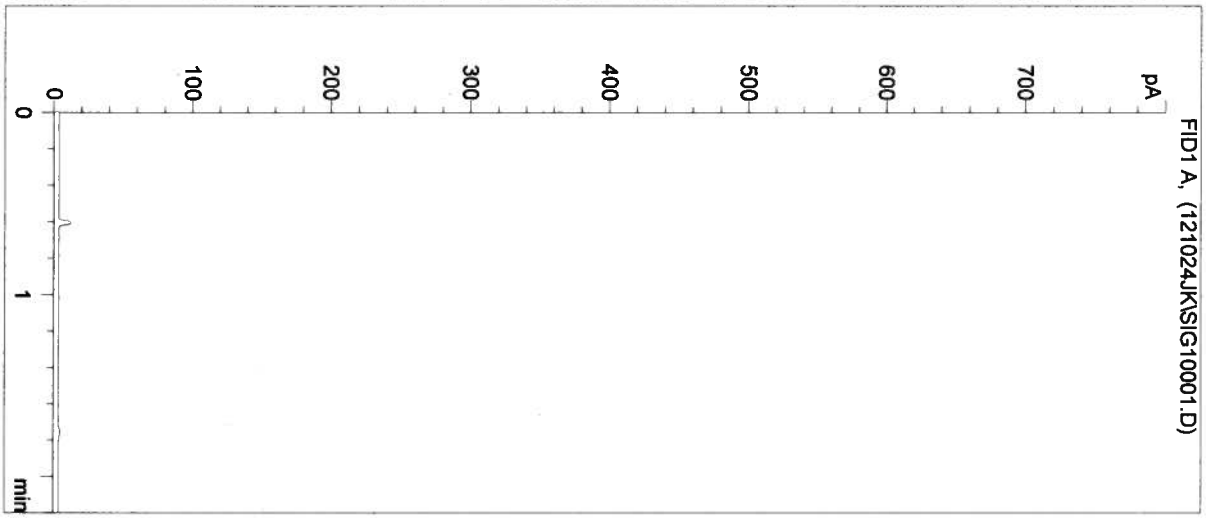
==========

12046

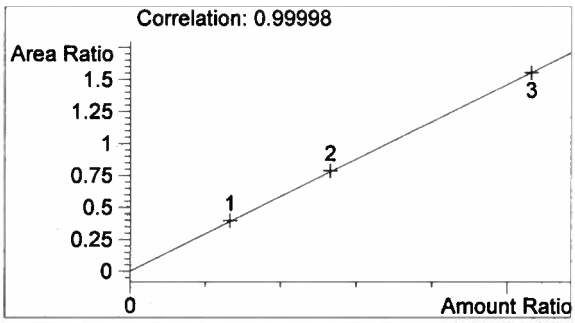
JK

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

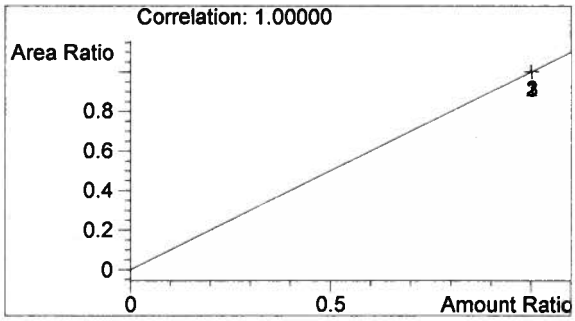
Inj. Date: 10/24/2012 9:05:29 AM
Sample Name: BLANK
Instrument: HSGC#3
Operator: Justin Knoy
Column: DB-ALC2
Location: Vial 1
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



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



Ethanol 0.000 g/100mL



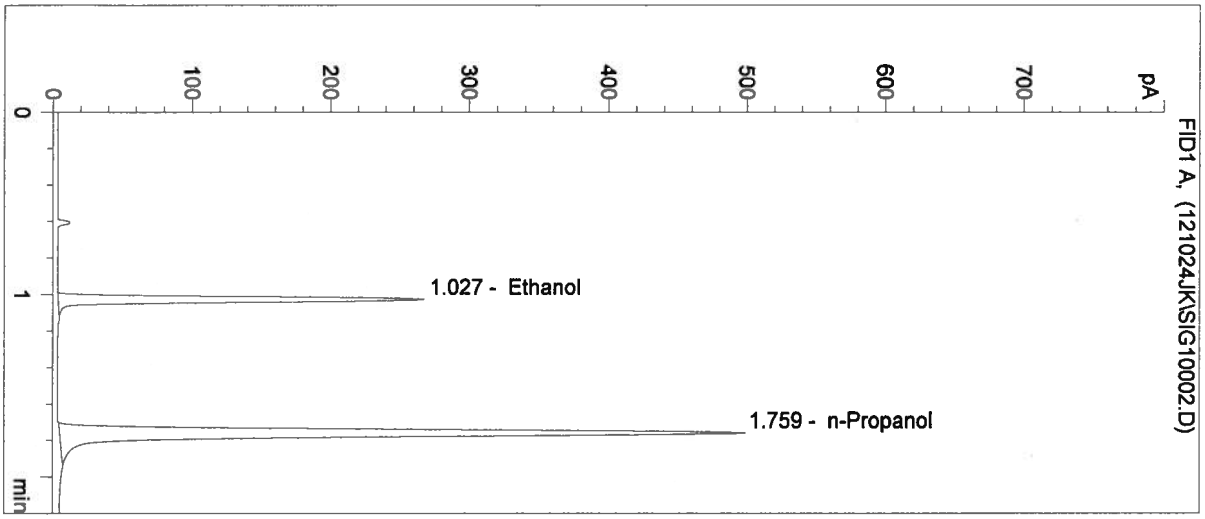
n-Propanol 0.000 g/100mL

12046

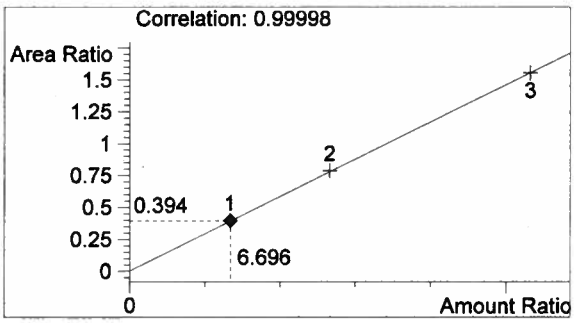
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:08:37 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-01 - (0.079g/100mL)

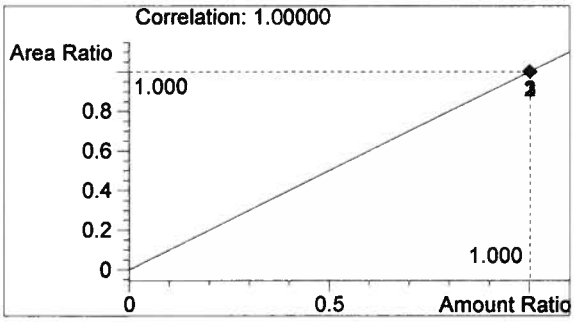
Sample Name: 0.079 CAL
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	539	1.027
2	n-Propanol	1366	1.759



Ethanol 0.080 g/100mL



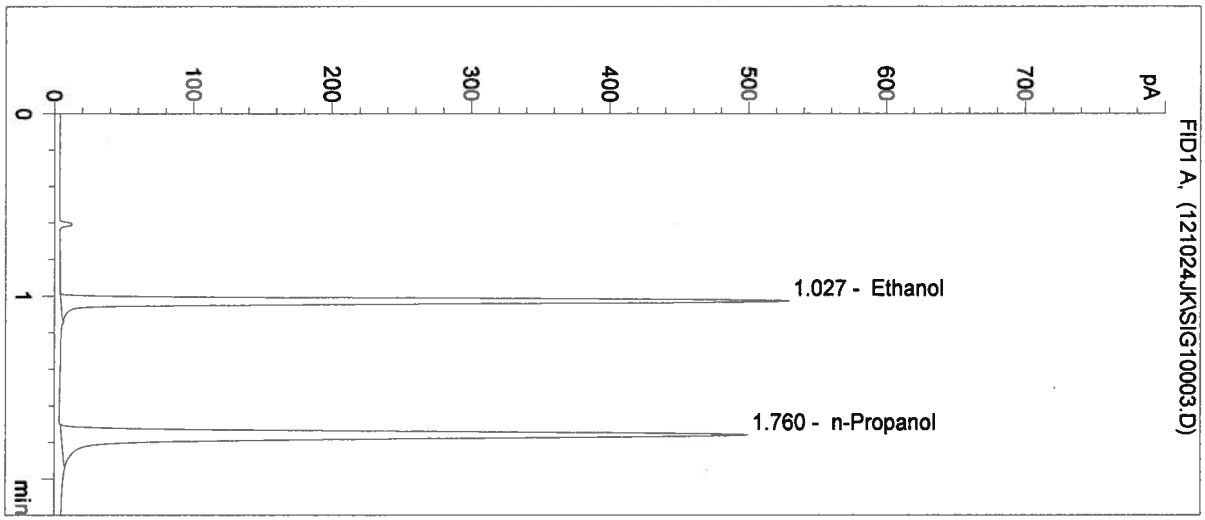
n-Propanol 0.012 g/100mL

12046

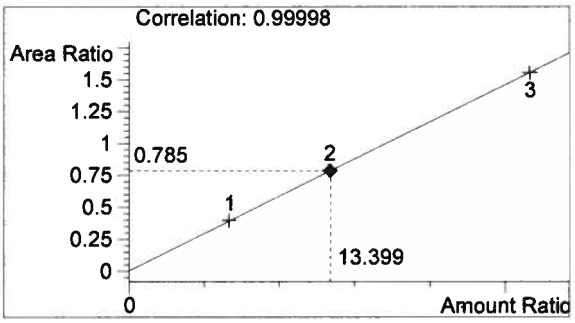
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:11:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-02 - (0.158g/100mL)

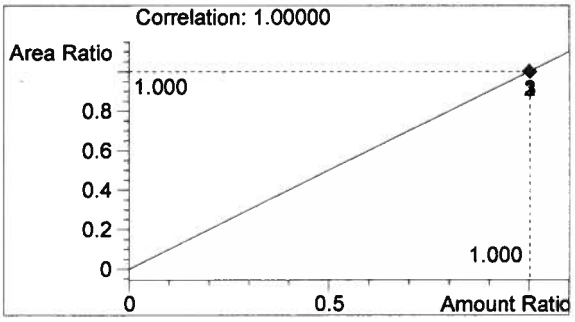
Sample Name: 0.158 CAL
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1078	1.027
2	n-Propanol	1373	1.760



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

12046

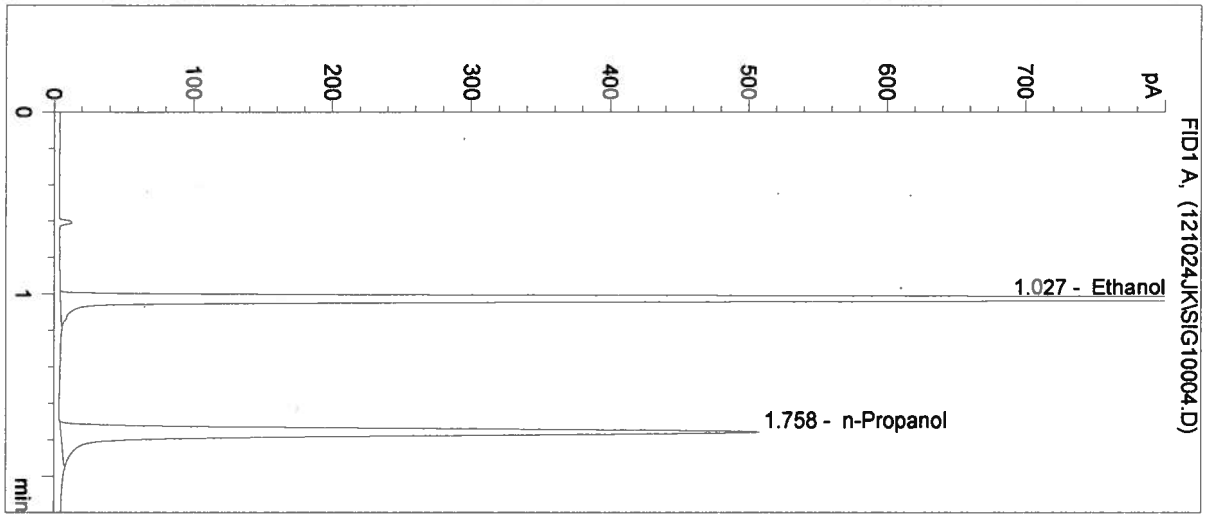
Data File: C:\HPCHEM\2\DATA\121024JK\SIG10003.D

48

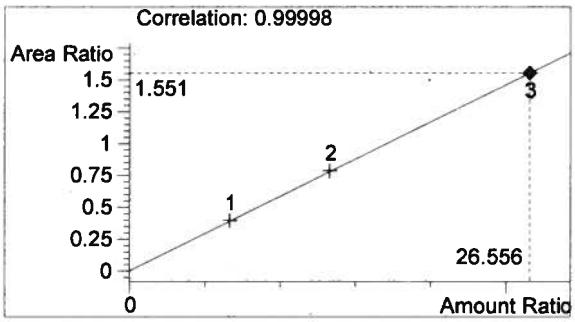
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:14:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0912-03 - (0.316g/100mL)

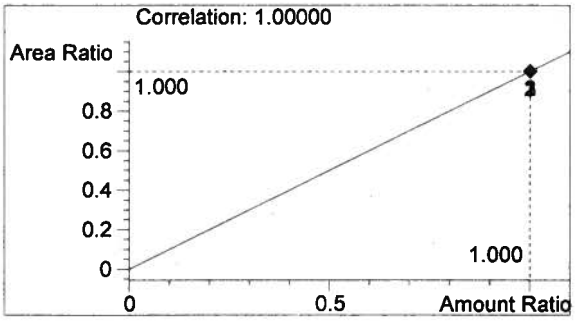
Sample Name: 0.316 CAL
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2189	1.027
2	n-Propanol	1411	1.758



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12046

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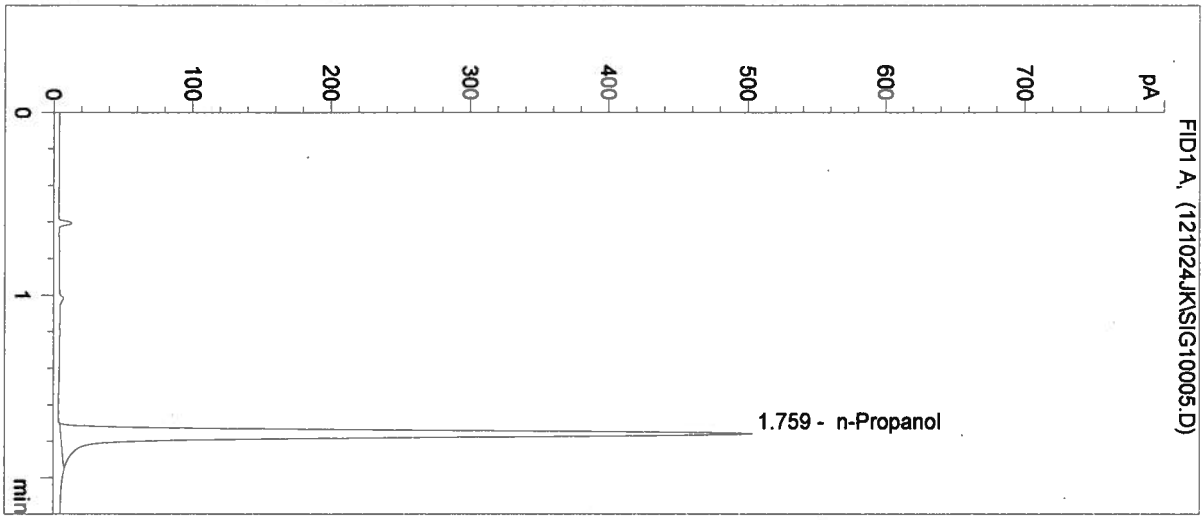
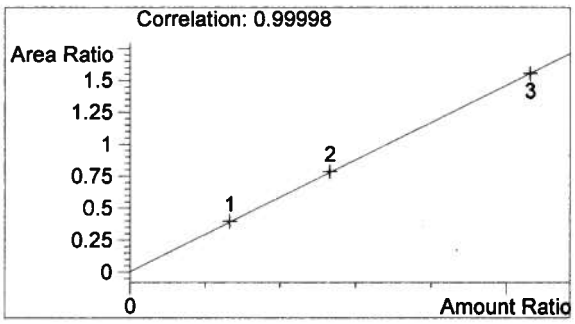
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:17:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

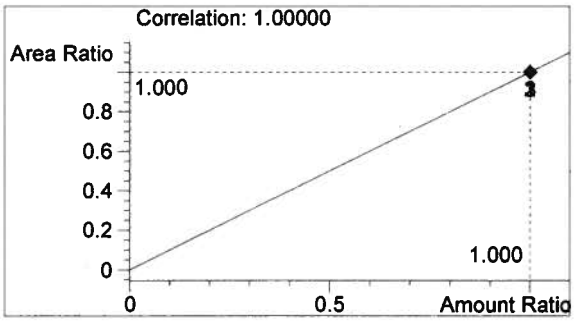
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1396	1.759



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

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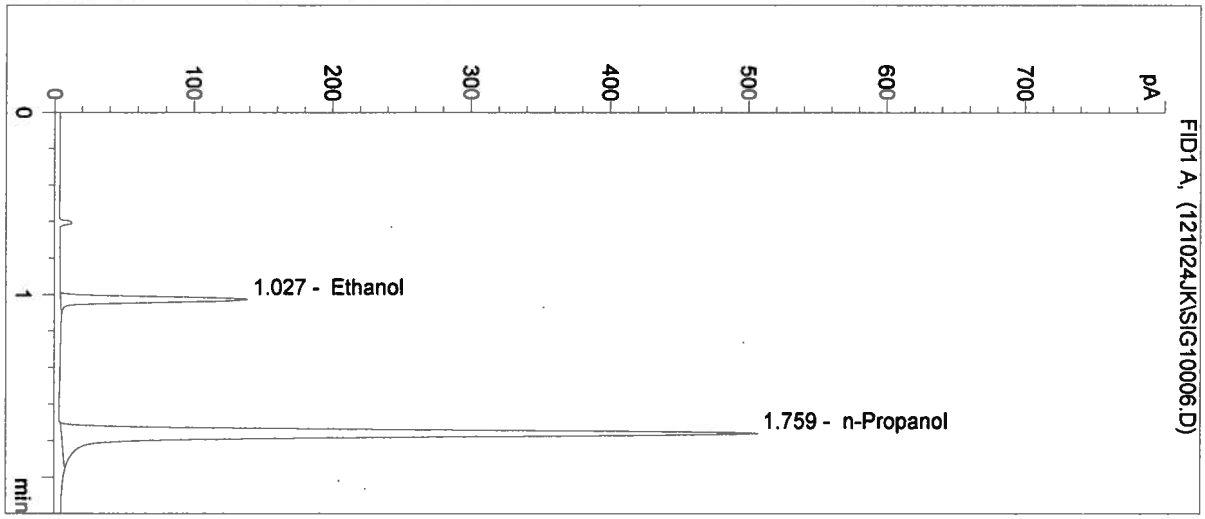
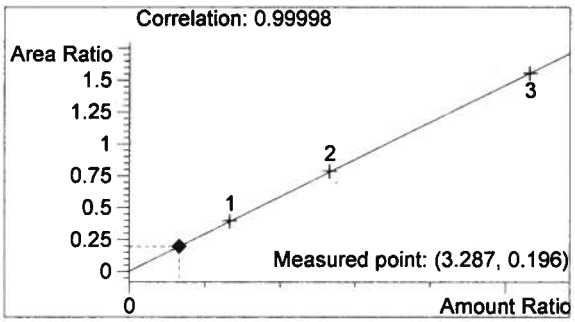
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:21:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

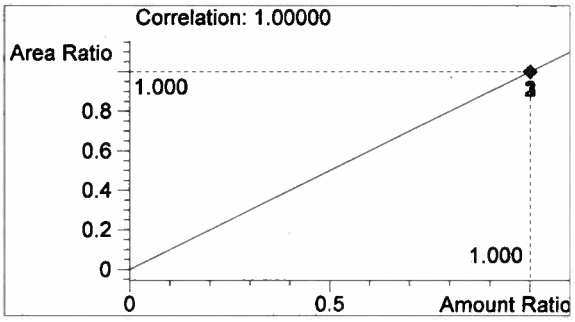
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	276	1.027
2	n-Propanol	1409	1.759



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

12046

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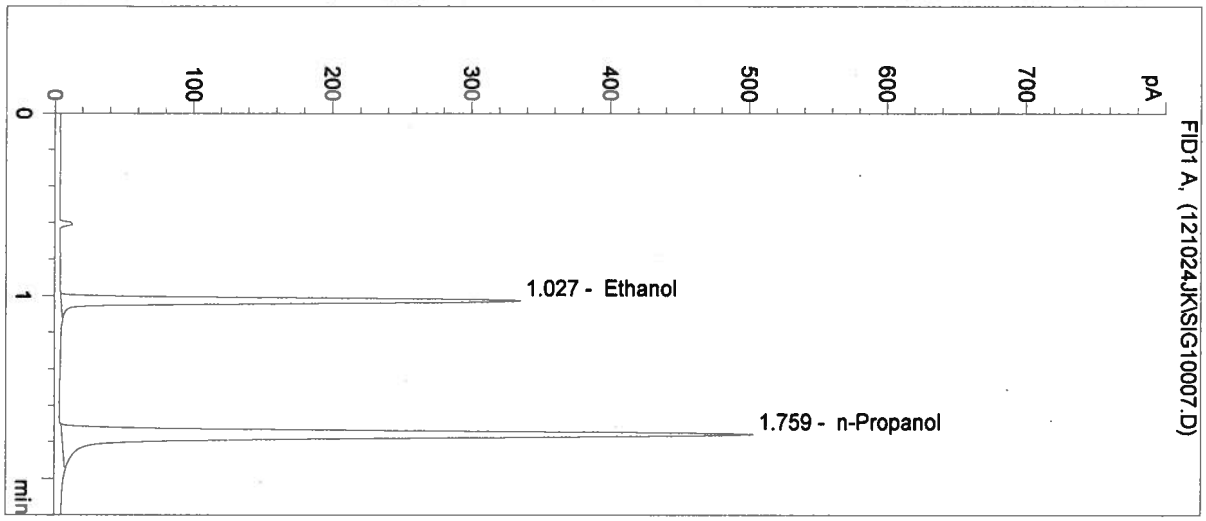
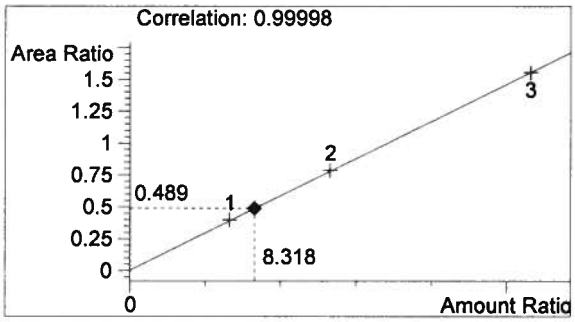
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:24:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

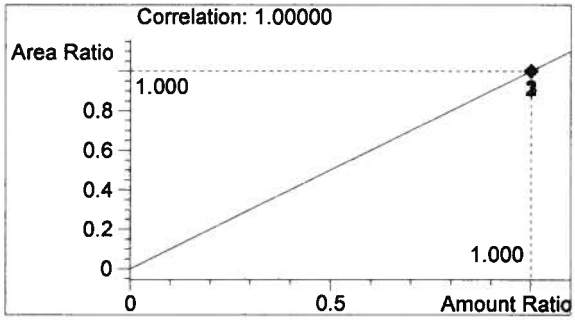
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.027
2	n-Propanol	1393	1.759



Ethanol 0.100 g/100mL



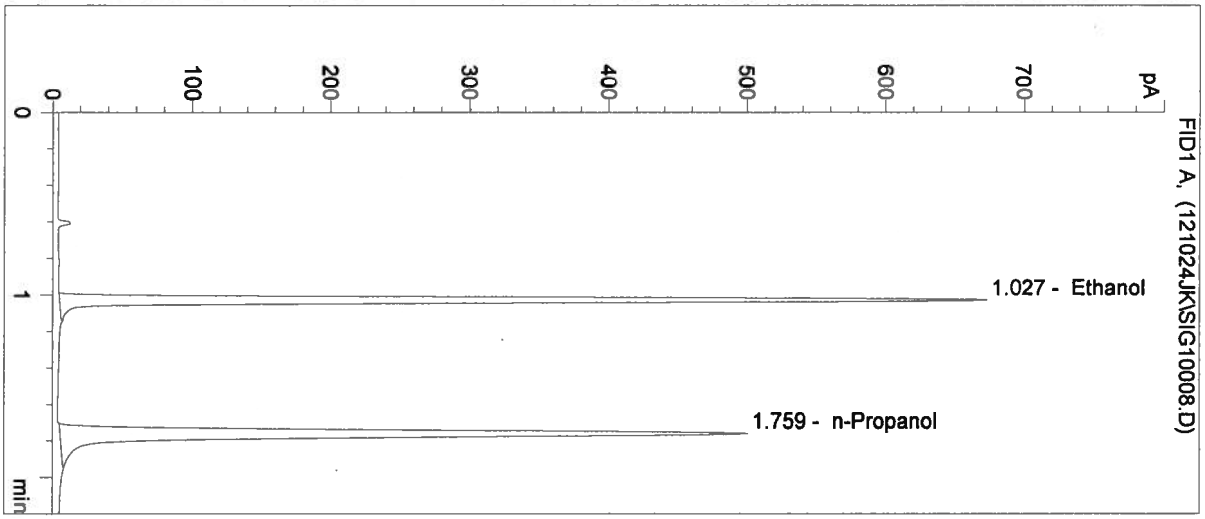
n-Propanol 0.012 g/100mL

12046

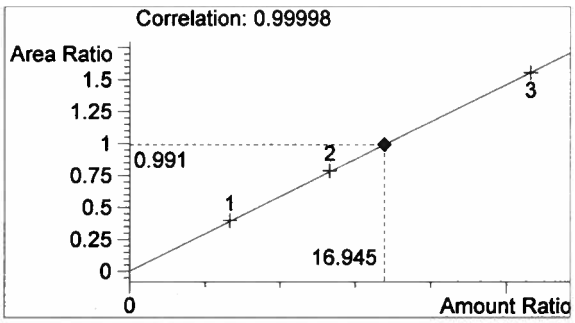
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:27:22 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

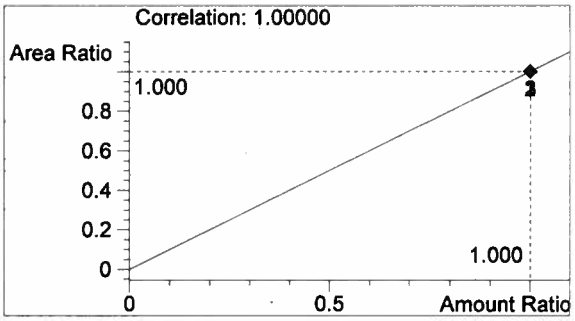
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1373	1.027
2	n-Propanol	1385	1.759



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

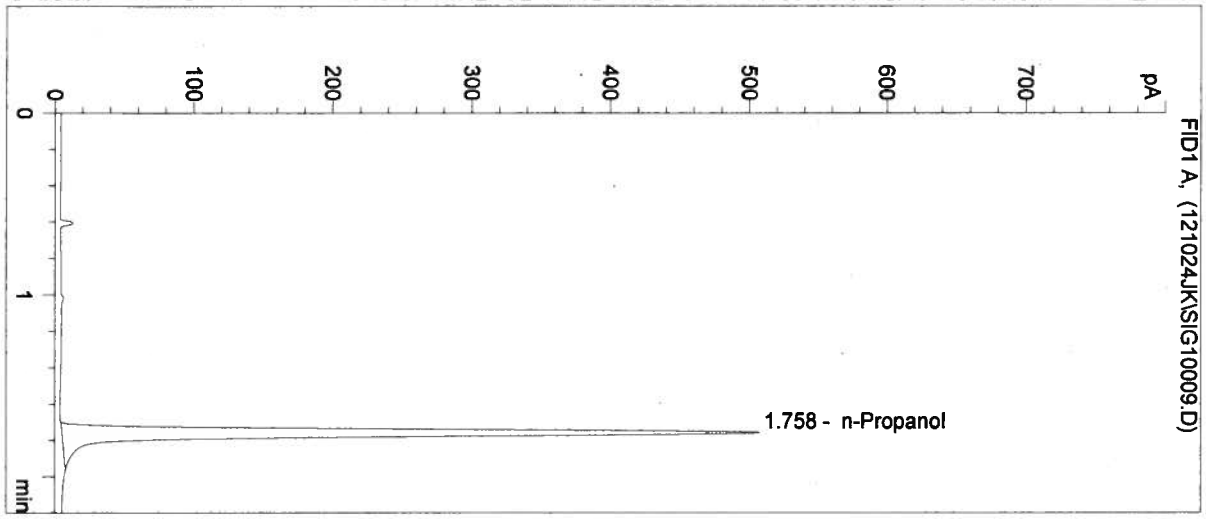
12046

Data File: C:\HPCHEM\2\DATA\121024JK\SIG10008.D

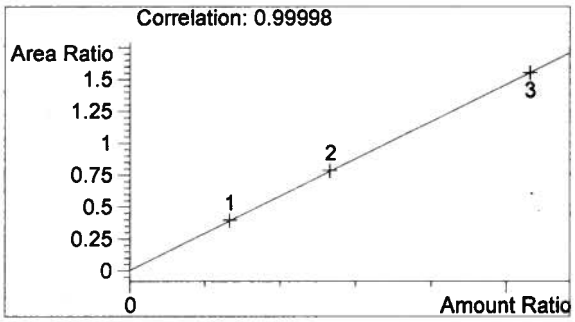
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:30:30 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

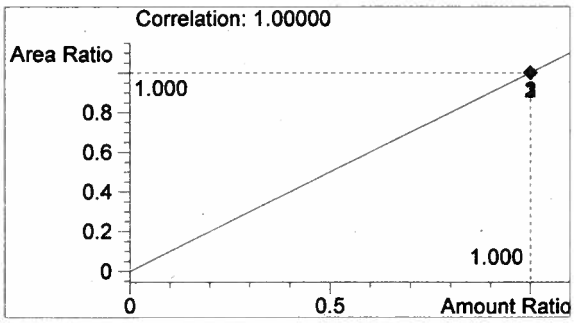
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1408	1.758



Ethanol 0.000 g/100mL

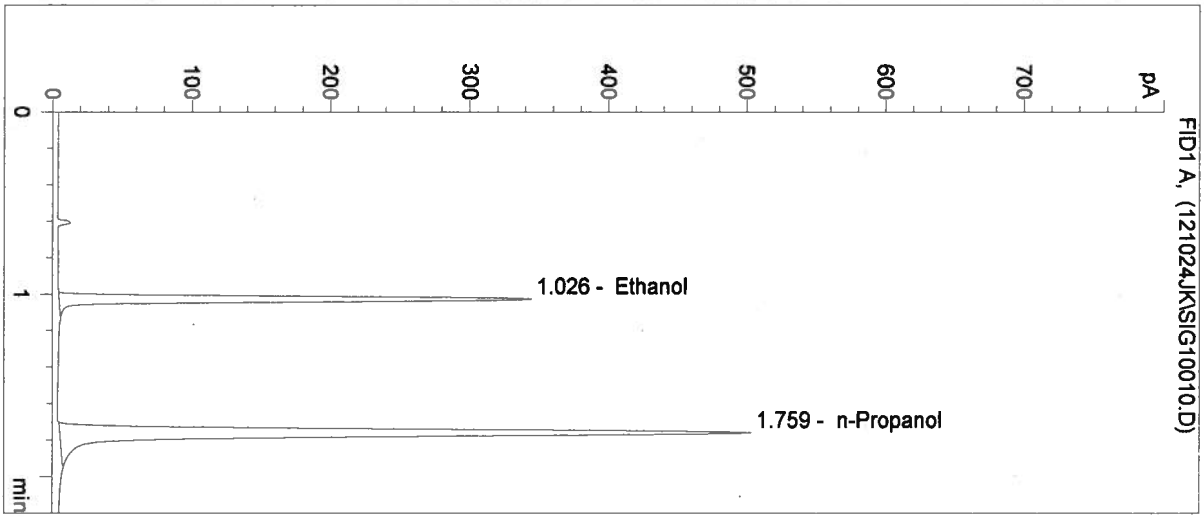


n-Propanol 0.012 g/100mL

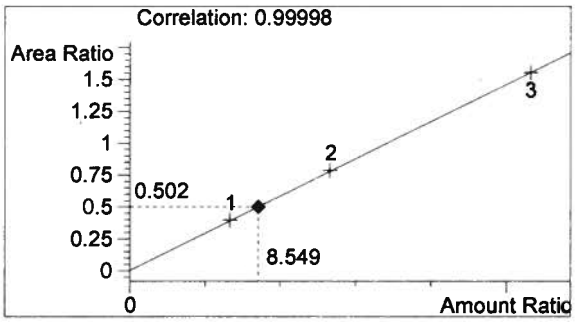
12046

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

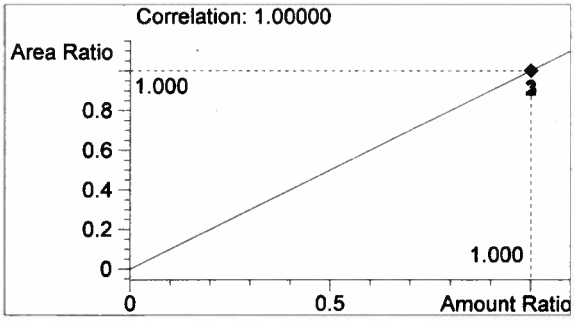
Inj. Date: 10/24/2012 9:33:37 AM
Sample Name: 12046-01
Instrument: HSGC#3
Operator: Justin Knoy
Column: DB-ALC2
Location: Vial 10
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.026
2	n-Propanol	1392	1.759



Ethanol 0.103 g/100mL

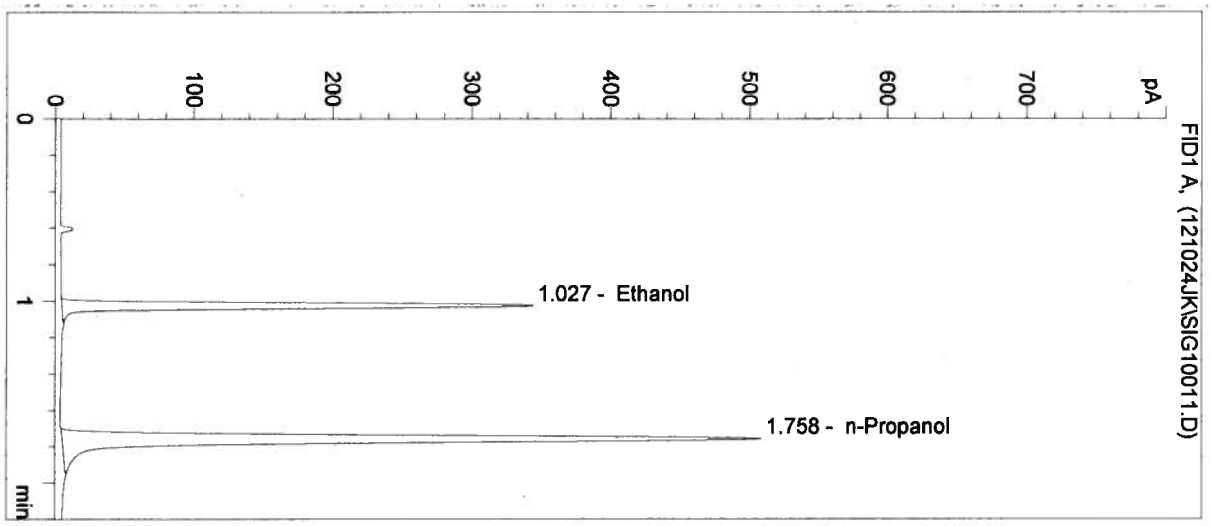


n-Propanol 0.012 g/100mL

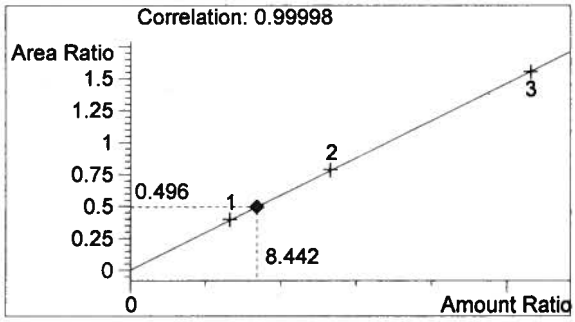
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:36:45 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

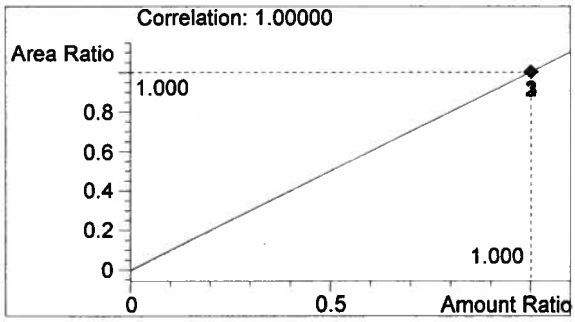
Sample Name: 12046-02
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.027
2	n-Propanol	1410	1.758



Ethanol 0.101 g/100mL

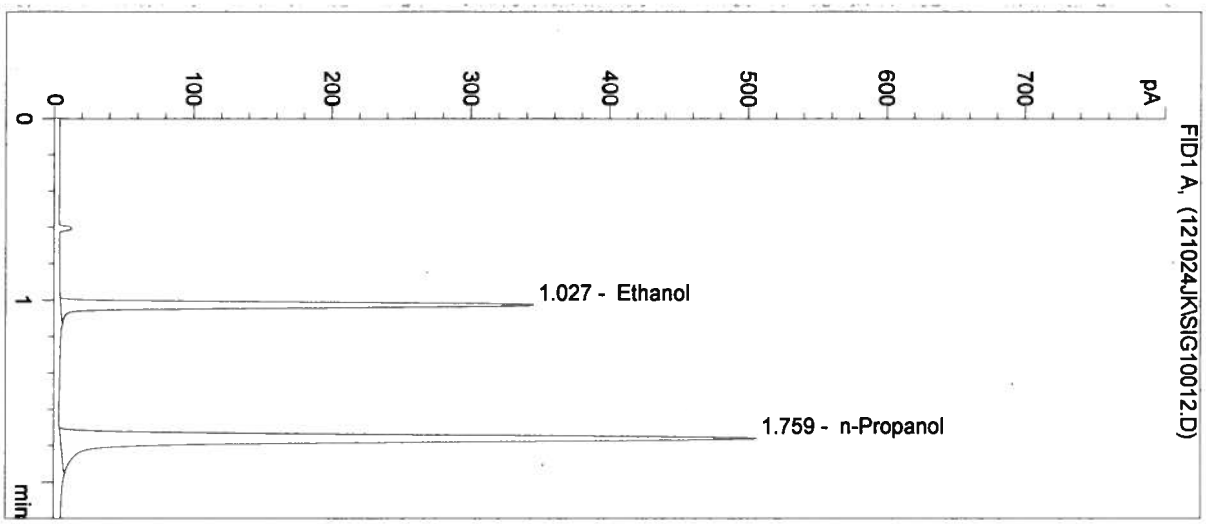


n-Propanol 0.012 g/100mL

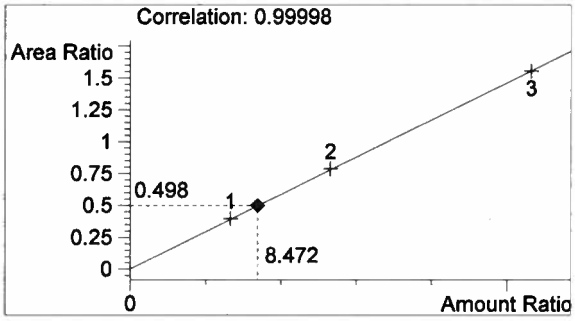
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:39:52 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

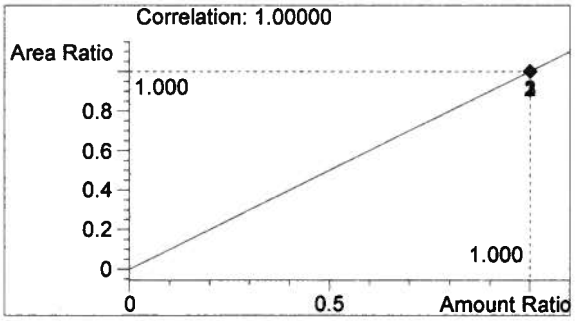
Sample Name: 12046-03
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.027
2	n-Propanol	1403	1.759



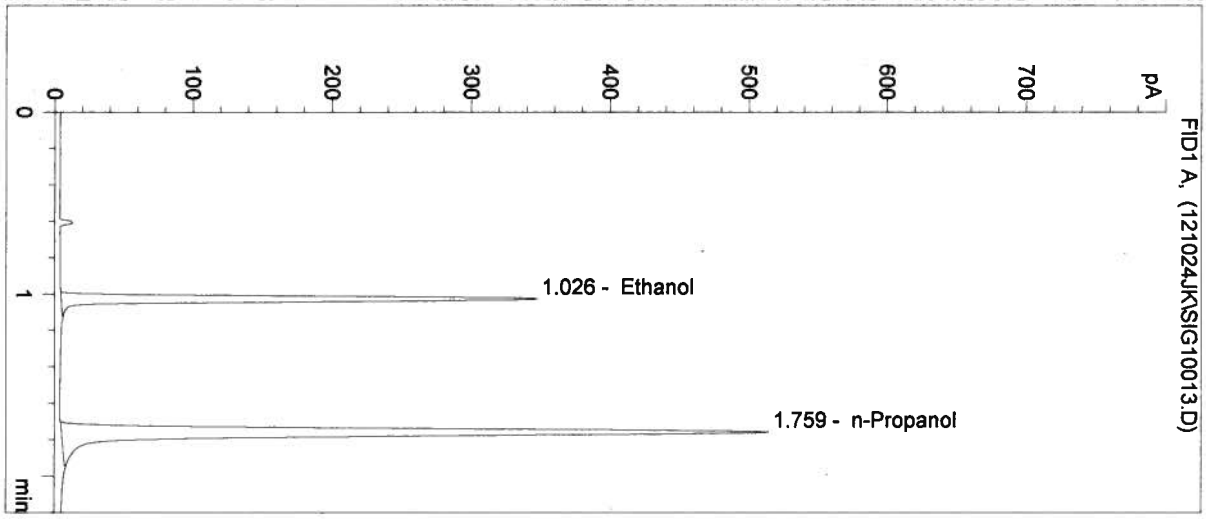
Ethanol 0.102 g/100mL



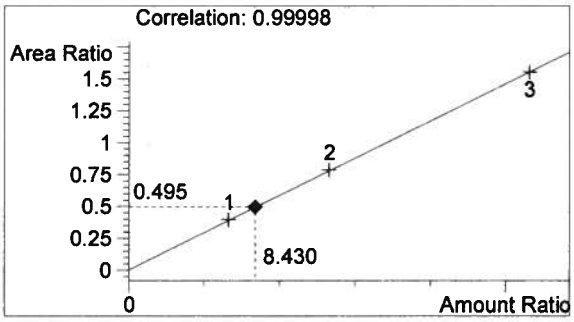
n-Propanol 0.012 g/100mL

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

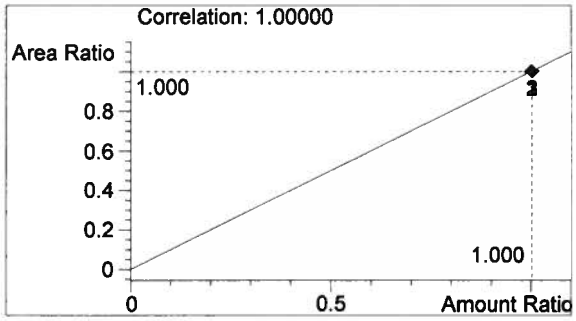
Inj. Date: 10/24/2012 9:43:00 AM
Sample Name: 12046-04
Instrument: HSGC#3
Operator: Justin Knoy
Column: DB-ALC2
Location: Vial 13
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.026
2	n-Propanol	1431	1.759



Ethanol 0.101 g/100mL

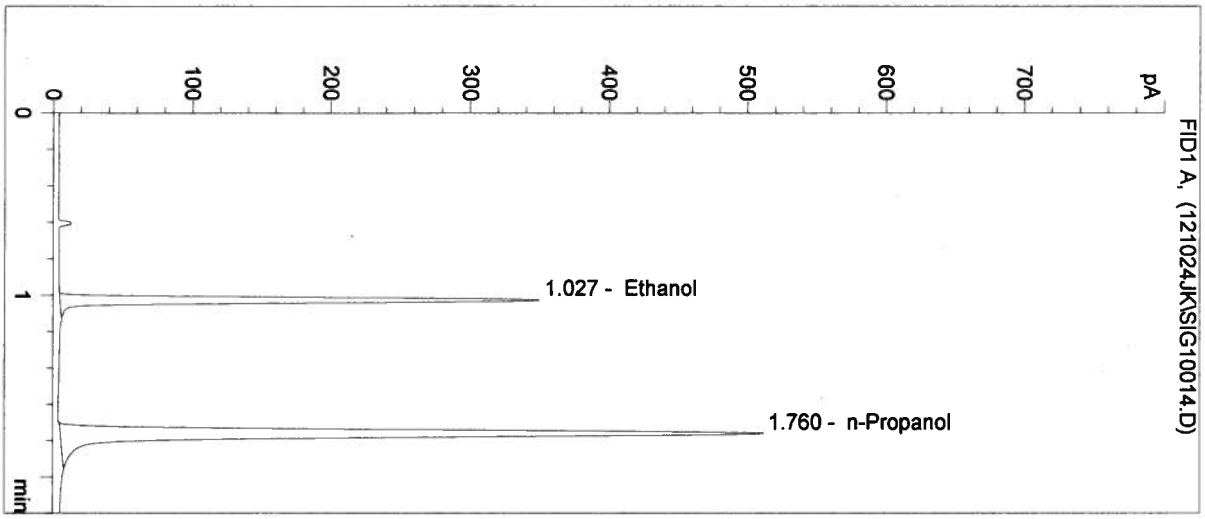


n-Propanol 0.012 g/100mL

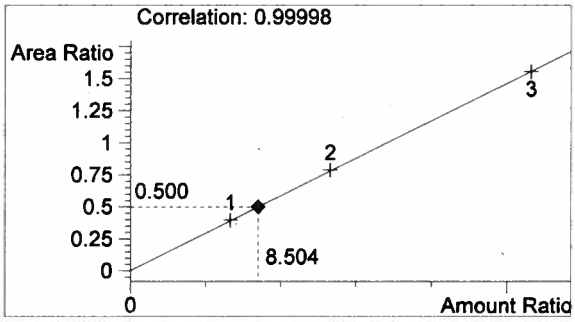
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:46:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

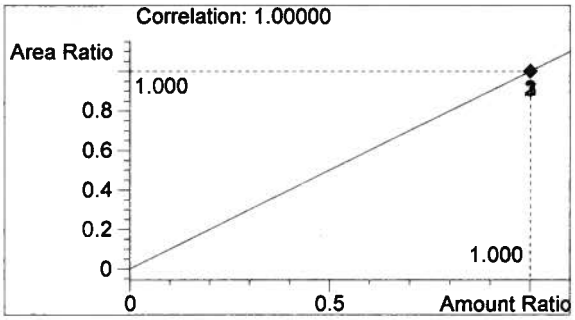
Sample Name: 12046-05
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.027
2	n-Propanol	1416	1.760



Ethanol 0.102 g/100mL

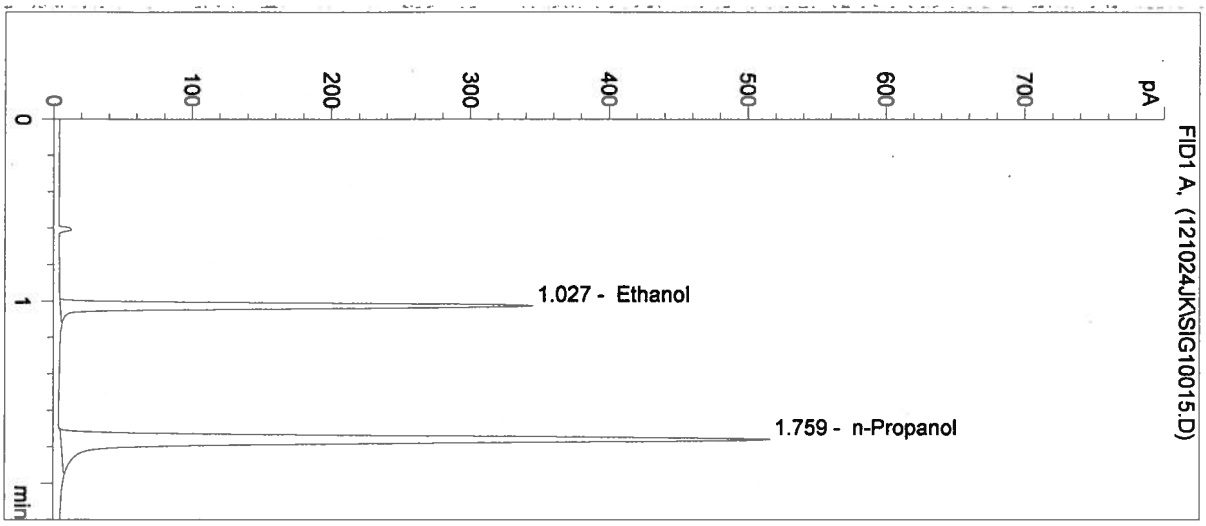


n-Propanol 0.012 g/100mL

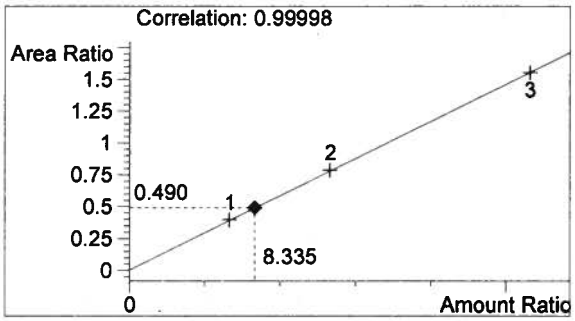
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:49:15 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

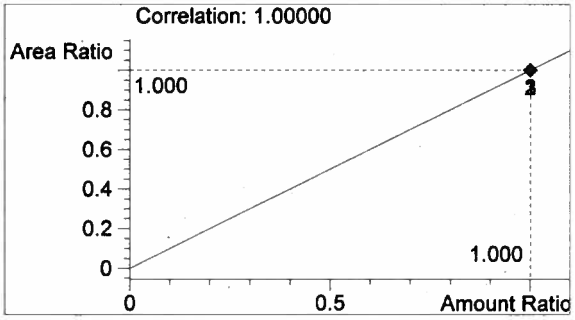
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.027
2	n-Propanol	1424	1.759



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

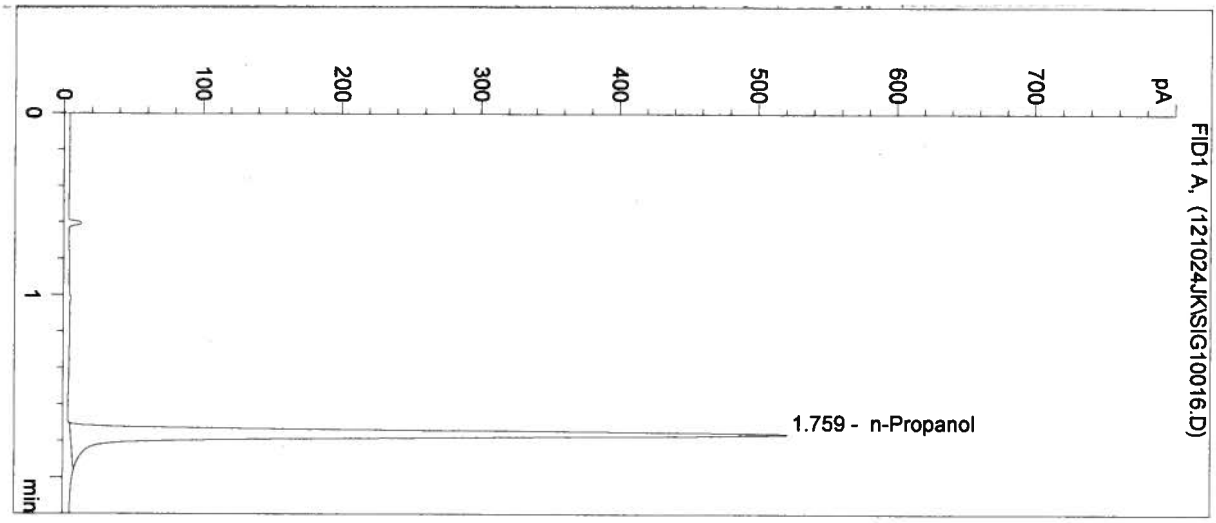
12046

Data File: C:\HPCHEM\2\DATA\121024JK\SIG10015.D

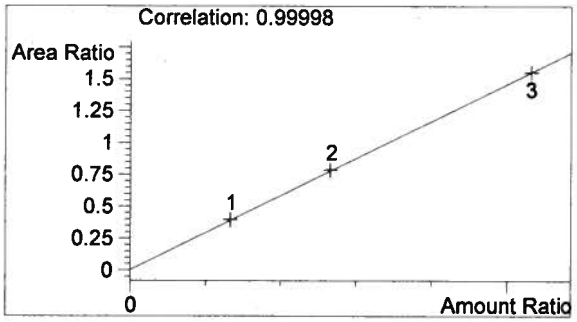
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/24/2012 9:52:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

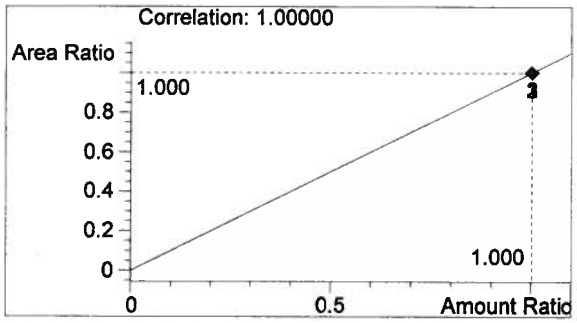
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



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



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

Data File: C:\HPCHEM\2\DATA\121024JK\SIG10016.D

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

Sequence Parameters:

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

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	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	12046 #1	SIMALC3	1	Sample		
11	Vial 11	12046 #2	SIMALC3	1	Sample		
12	Vial 12	12046 #3	SIMALC3	1	Sample		
13	Vial 13	12046 #4	SIMALC3	1	Sample		
14	Vial 14	12046 #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	

BWD

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

Sequence Table (Back Injector):

No entries - empty table!

12046

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

Calibration Table

Calib. Data Modified : Thursday, October 25, 2012 10:05:47 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	619.70001	1.28837e-4	1		Ethanol
		2	1.59780e-1	1084.94739	1.47270e-4			
		3	3.19310e-1	2315.33276	1.37911e-4			
1.761	1	1	1.20000e-2	1533.93042	7.82304e-6	I1		n-Propanol
		2	1.20000e-2	1384.91663	8.66478e-6			
		3	1.20000e-2	1452.52649	8.26147e-6			

Peak Sum Table

No Entries in table

12046

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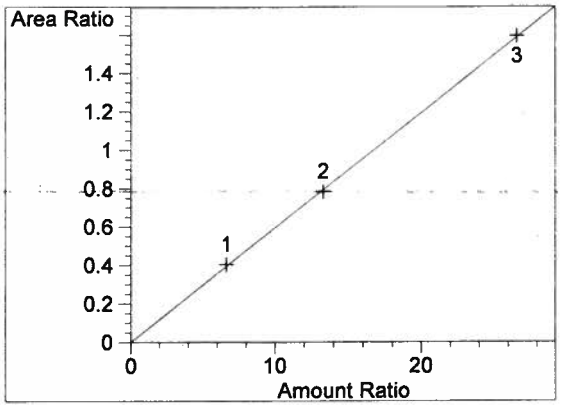
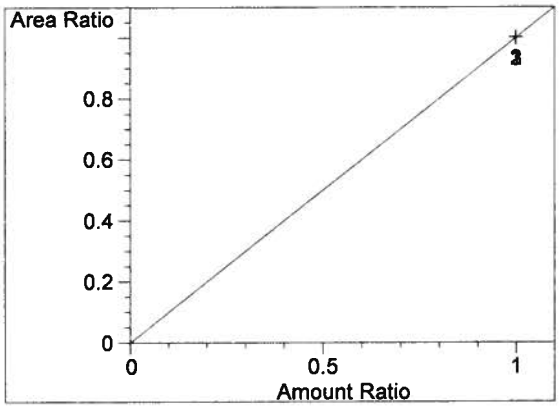
Calibration Curves

==========



Ethanol at exp. RT: 1.029
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.01014
Formula: y = mx + b
m: 5.97729e-2
b: -6.68236e-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

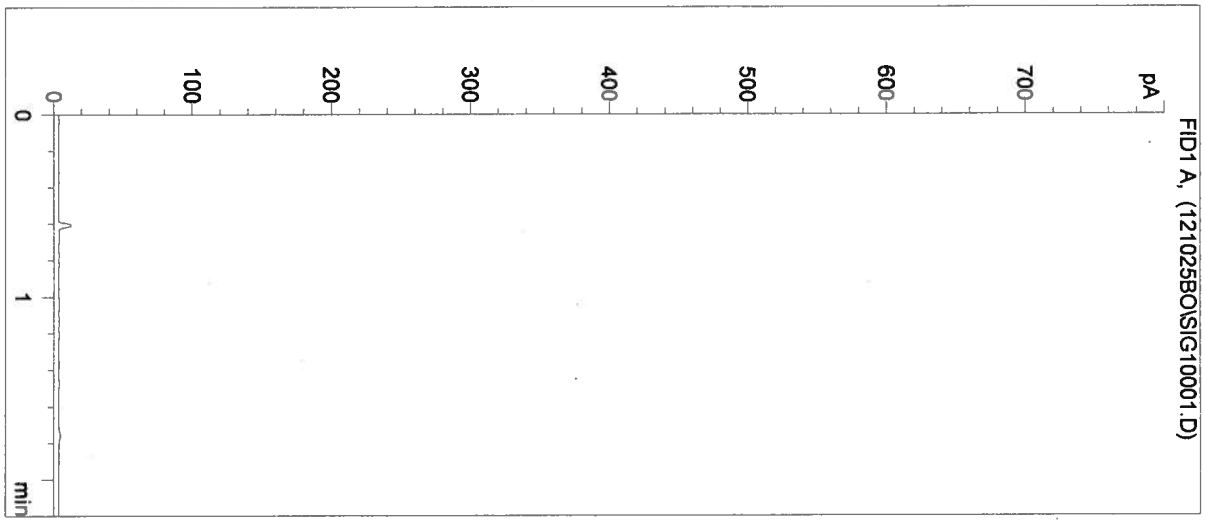
==========

12046

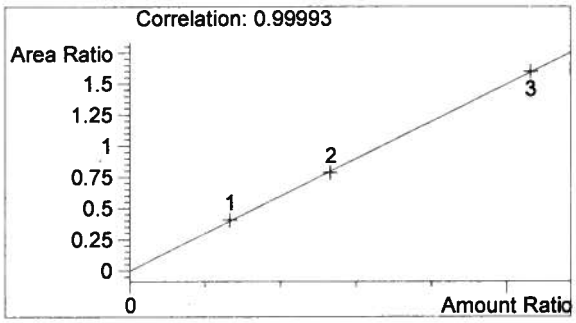
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 9:54:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

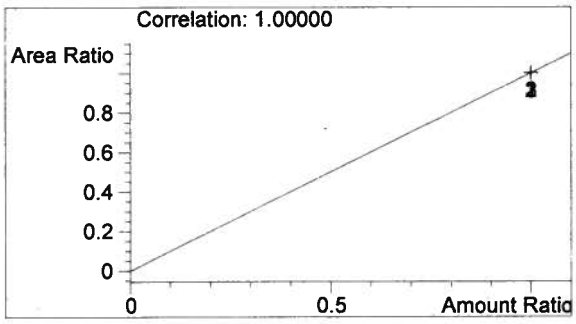
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



#	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

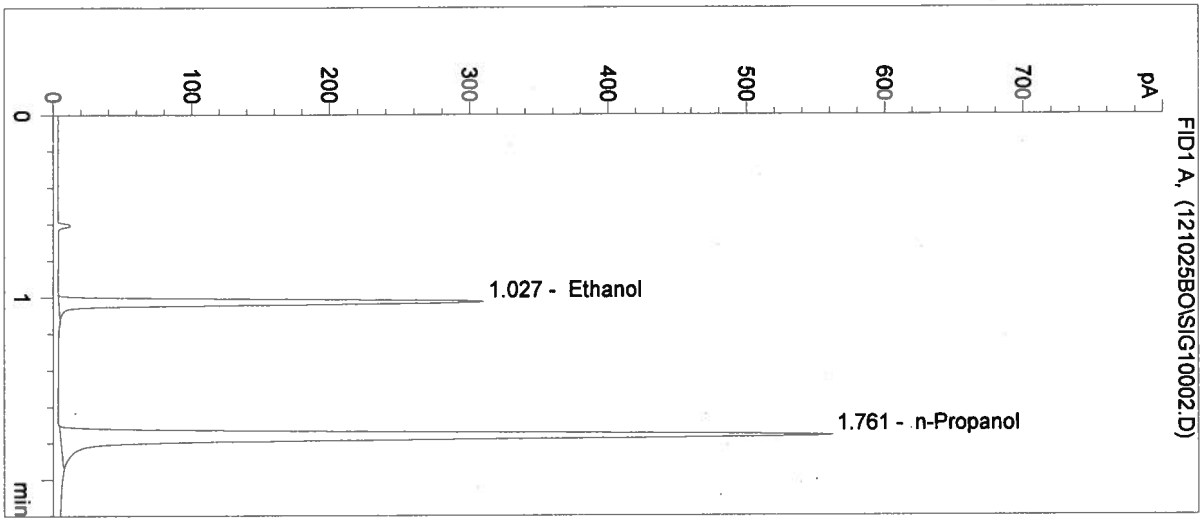
12046

BW

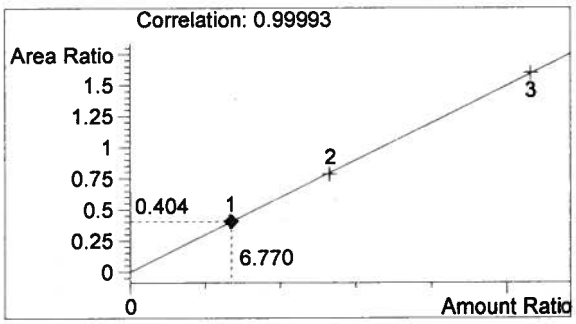
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 9:57:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 1: 0.079 g/100 mL

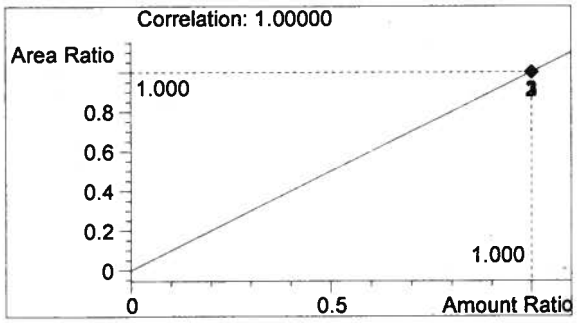
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	620	1.027
2	n-Propanol	1534	1.761



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

12046

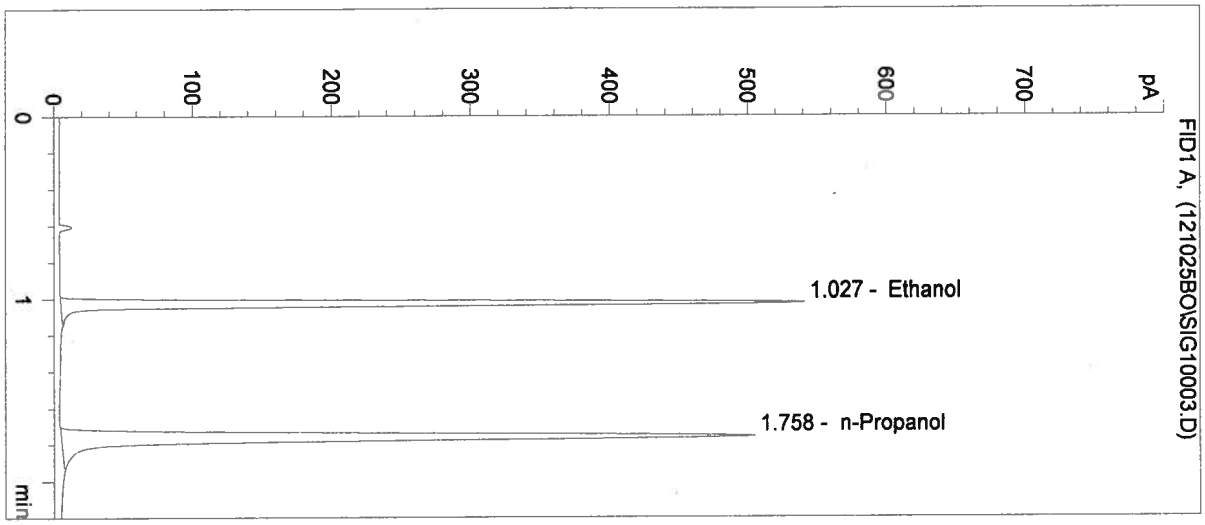
Data File: C:\HPCHEM\2\DATA\121025BO\SIG10002.D

BW

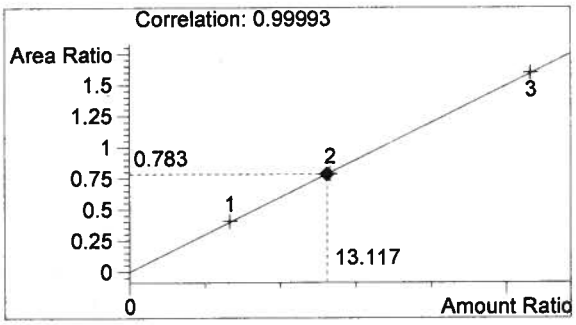
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:00:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 2 0.158 g/100 mL

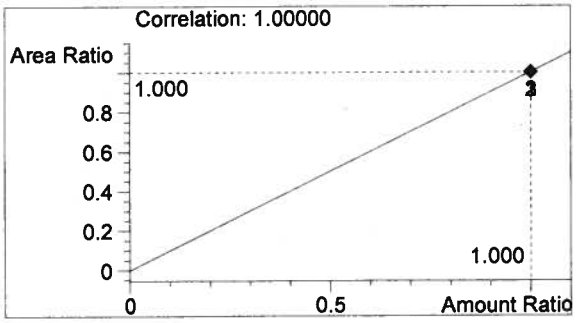
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1085	1.027
2	n-Propanol	1385	1.758



Ethanol 0.157 g/100mL



n-Propanol 0.012 g/100mL

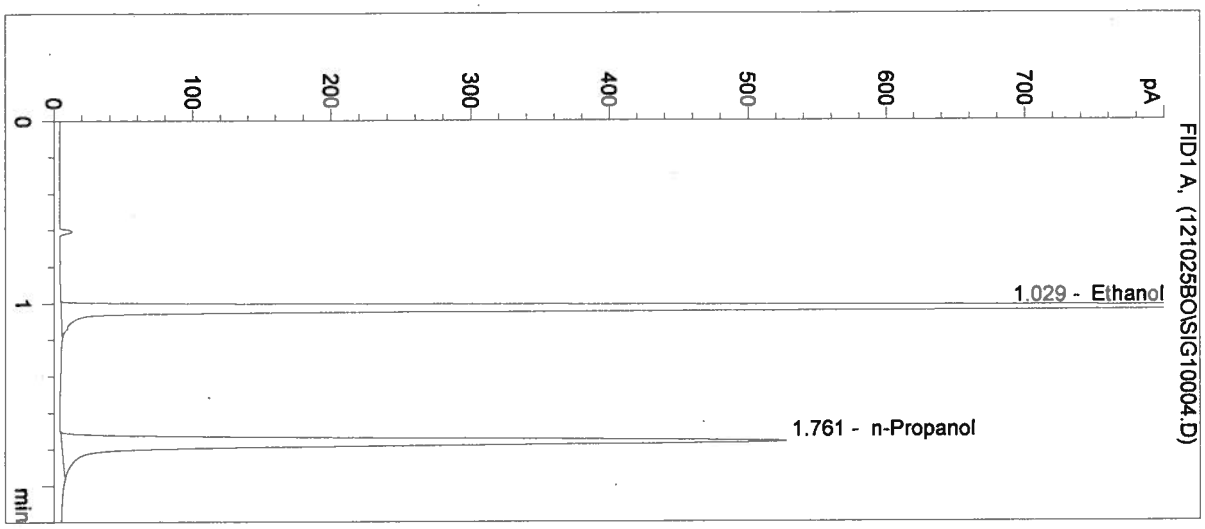
12046

BW

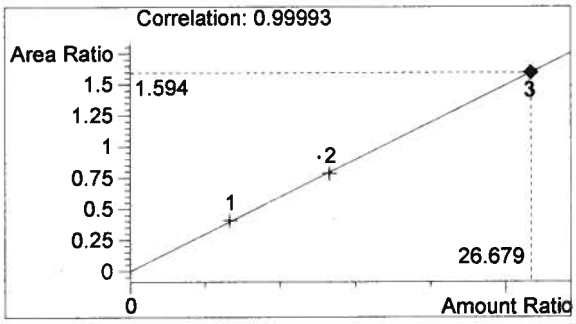
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:03:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CAL 3: 0.316 g/100 mL

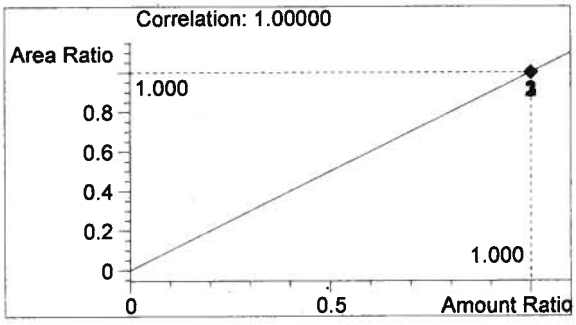
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2315	1.029
2	n-Propanol	1453	1.761



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

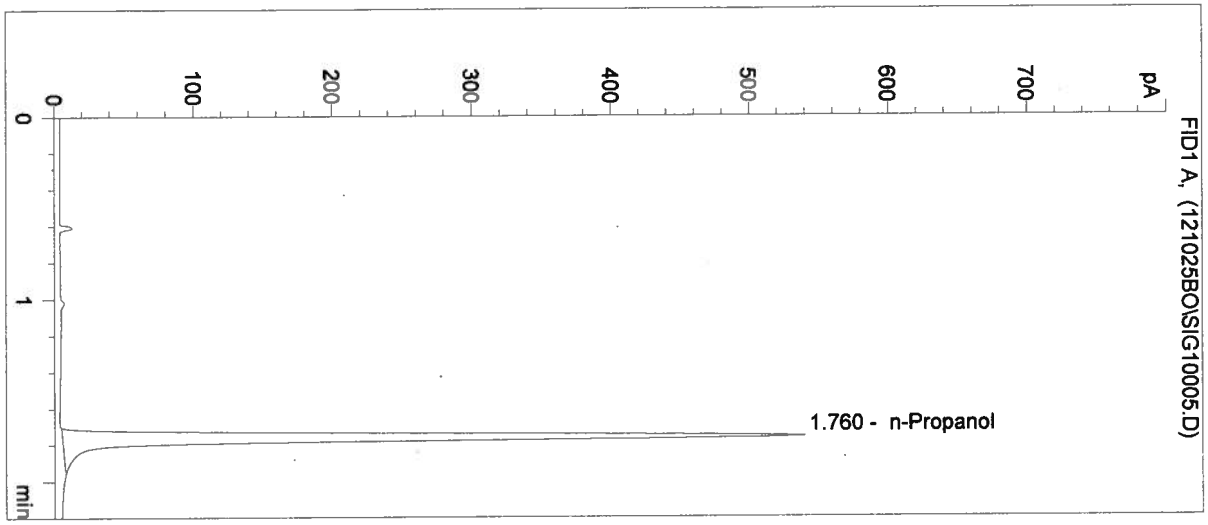
12046

BW

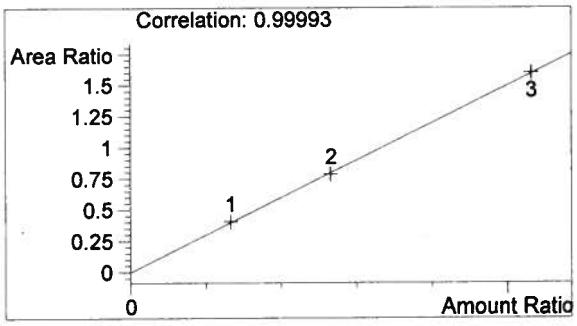
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:06:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

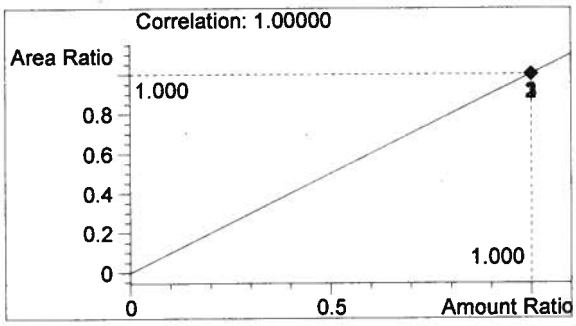
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1483	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

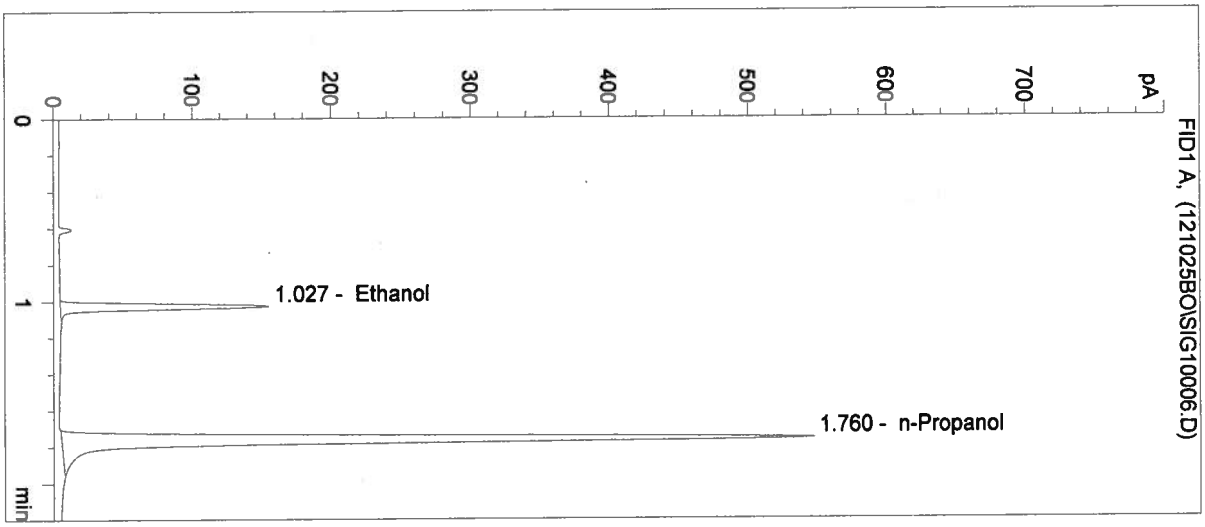
12046

BWD

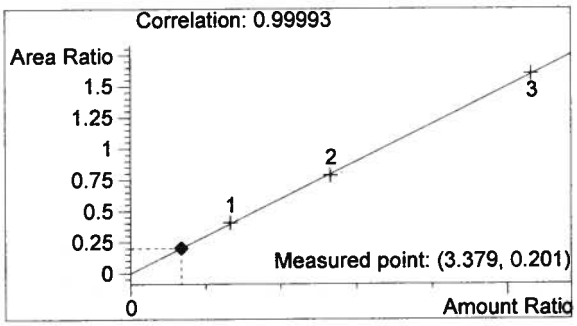
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:09:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 1: 0.04 g/100 mL

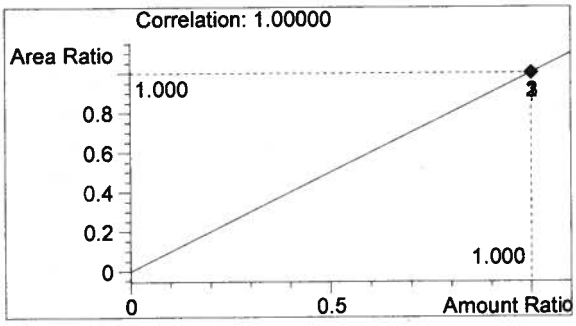
Sample Name: CTRL 1 (0.04) BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	304	1.027
2	n-Propanol	1510	1.760



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

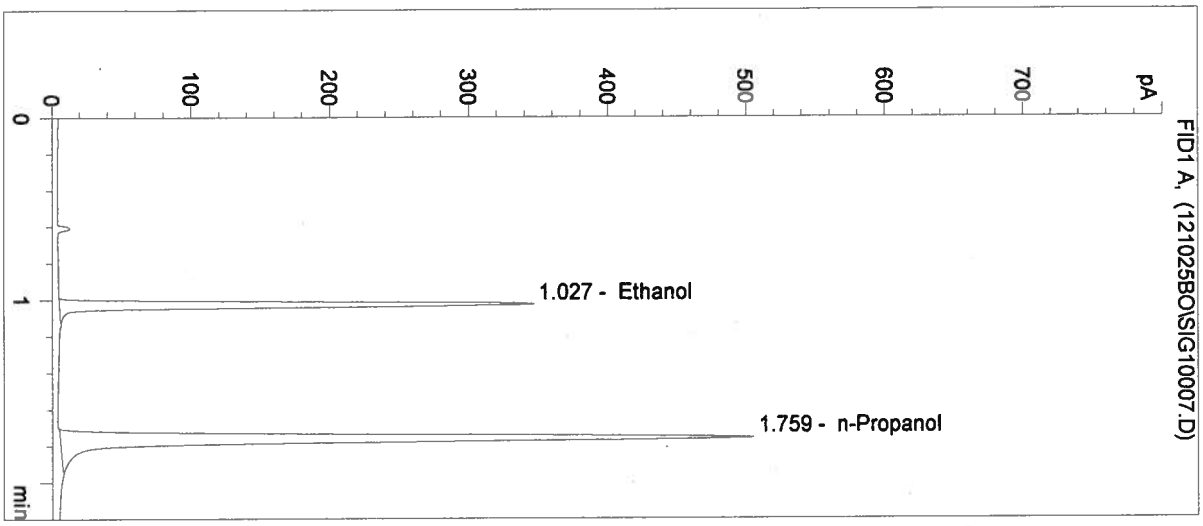
12046

BW

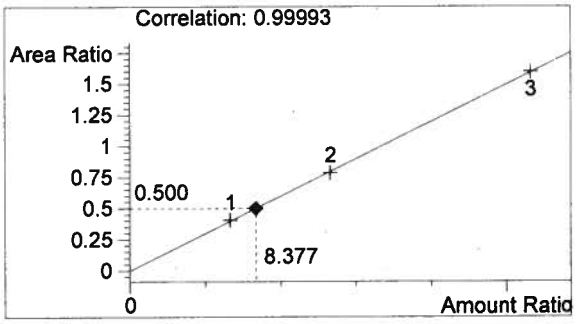
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:12:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

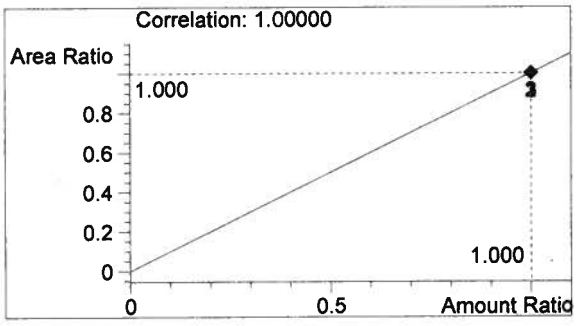
Sample Name: CTRL 2 (0.10) BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.027
2	n-Propanol	1392	1.759



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

-12046

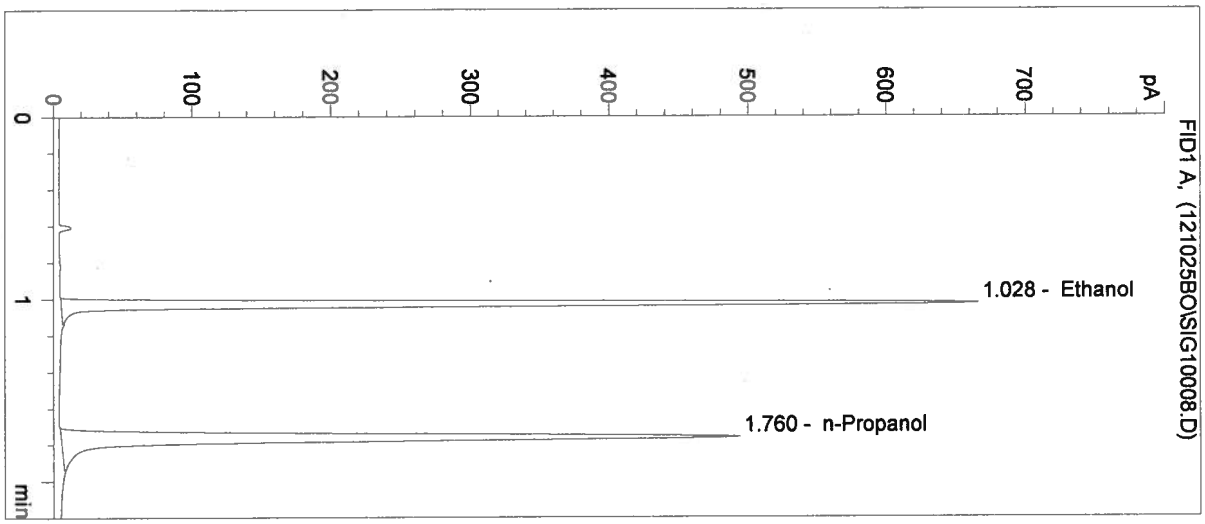
Data File: C:\HPCHEM\2\DATA\121025BO\SIG10007.D

BW

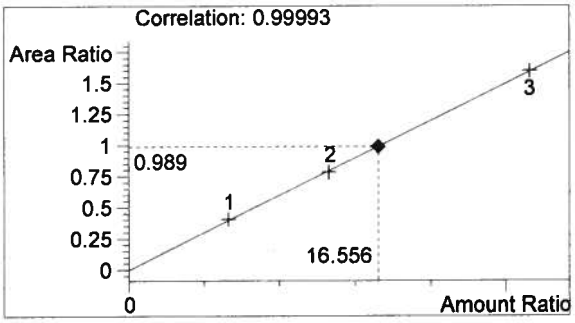
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:16:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 3: 0.20 g/100 mL

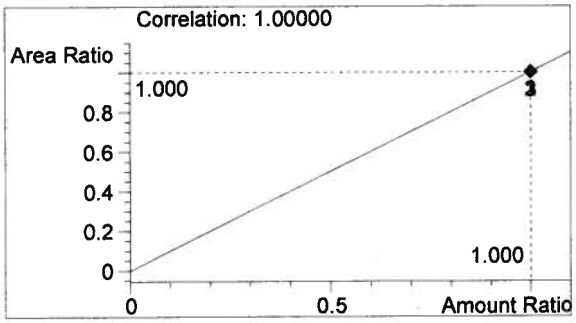
Sample Name: CTRL 3 (0.20) BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1345	1.028
2	n-Propanol	1360	1.760



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

1 2 0 4

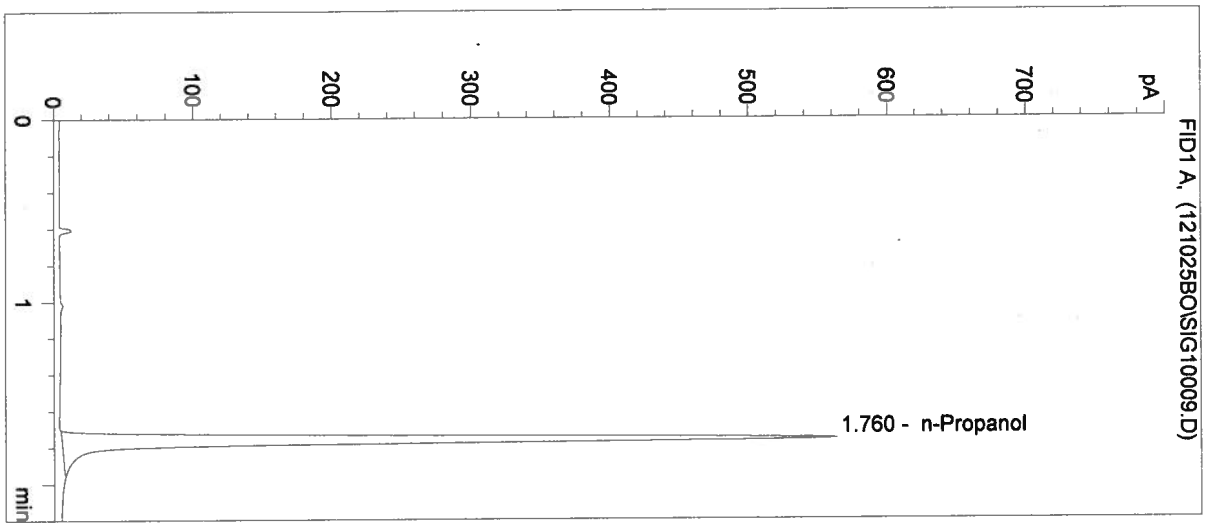
Data File: C:\HPCHEM\2\DATA\121025BO\SIG10008.D

BWO

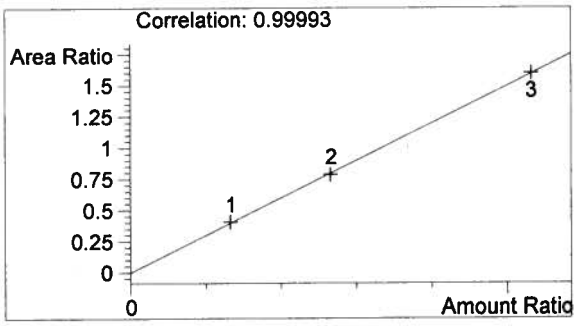
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:19:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

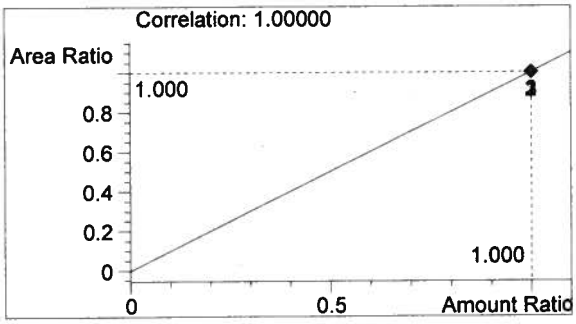
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1553	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

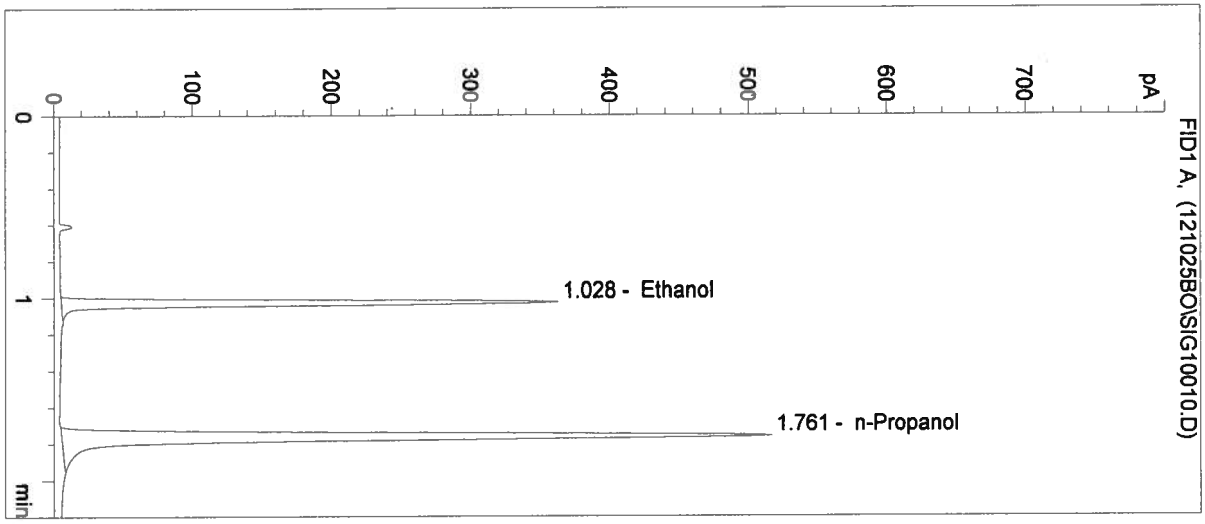
12045

BWO

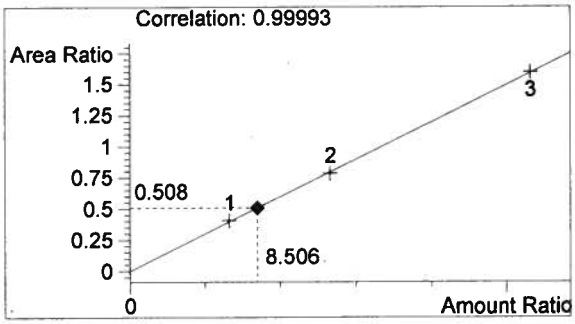
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:22:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

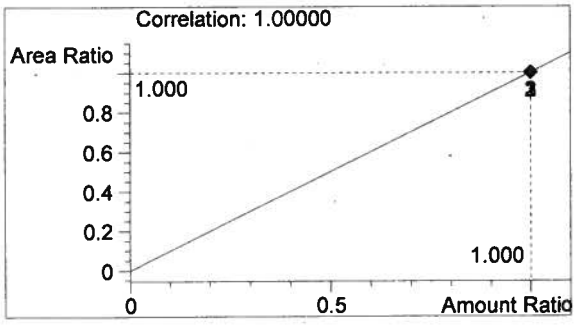
Sample Name: 12046 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.028
2	n-Propanol	1425	1.761



Ethanol 0.102 g/100mL



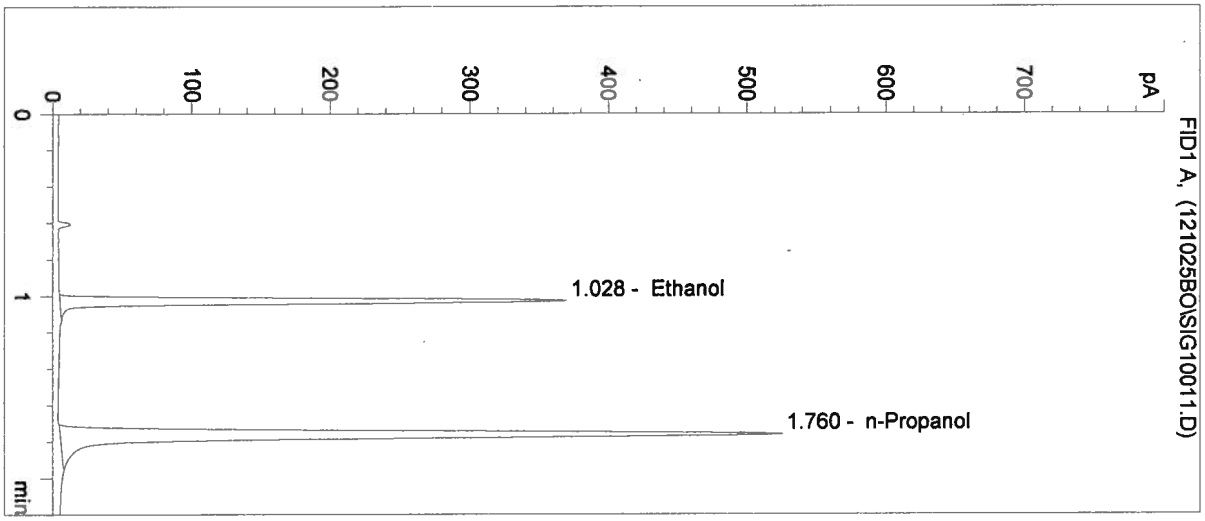
n-Propanol 0.012 g/100mL

BWD

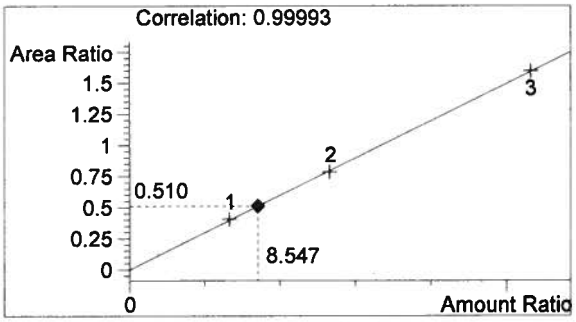
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:25:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

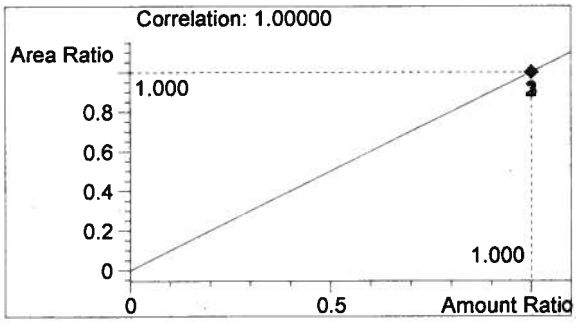
Sample Name: 12046 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	737	1.028
2	n-Propanol	1445	1.760



Ethanol 0.103 g/100mL



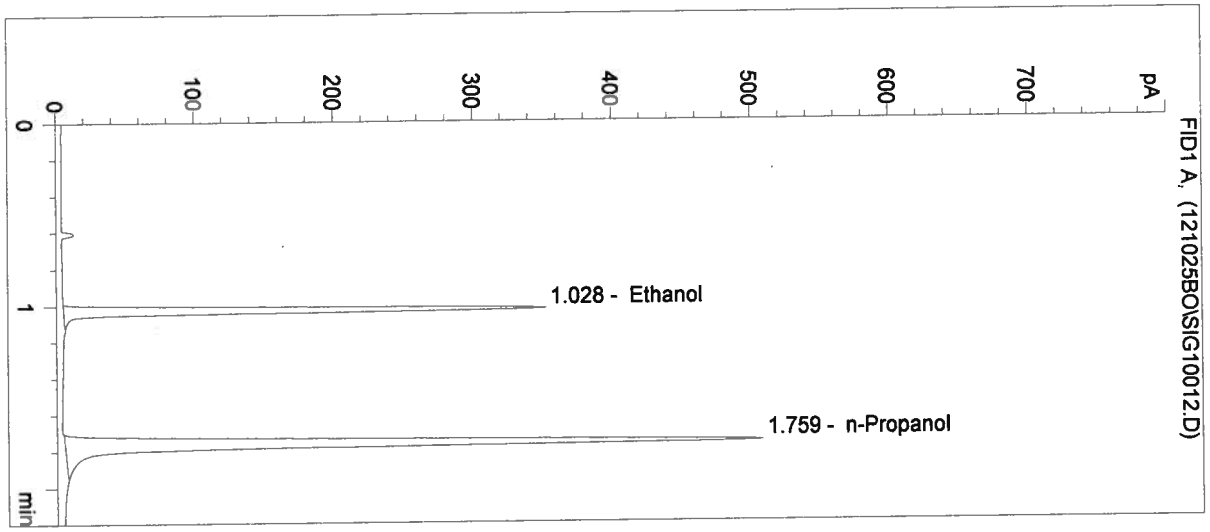
n-Propanol 0.012 g/100mL

BW

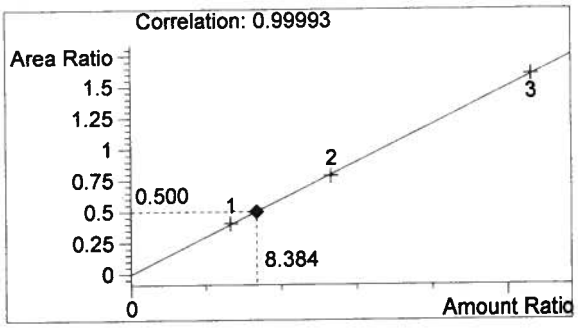
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:28:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

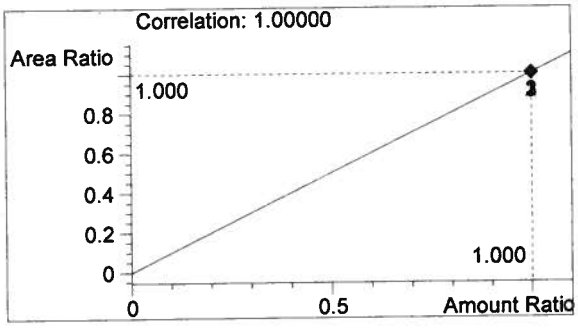
Sample Name: 12046 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.028
2	n-Propanol	1397	1.759



Ethanol 0.101 g/100mL



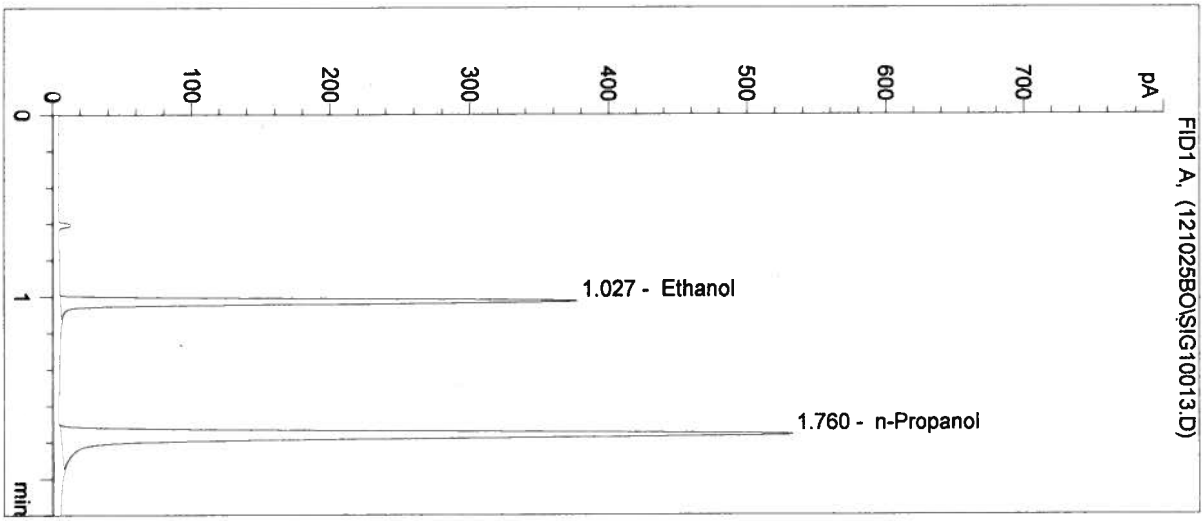
n-Propanol 0.012 g/100mL

BWO

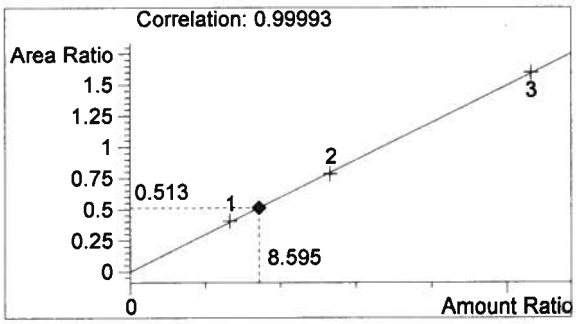
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:31:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

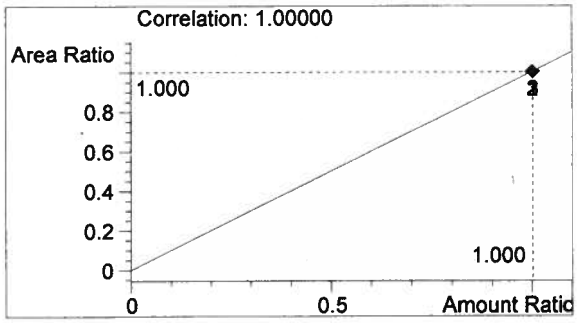
Sample Name: 12046 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	752	1.027
2	n-Propanol	1465	1.760



Ethanol 0.103 g/100mL



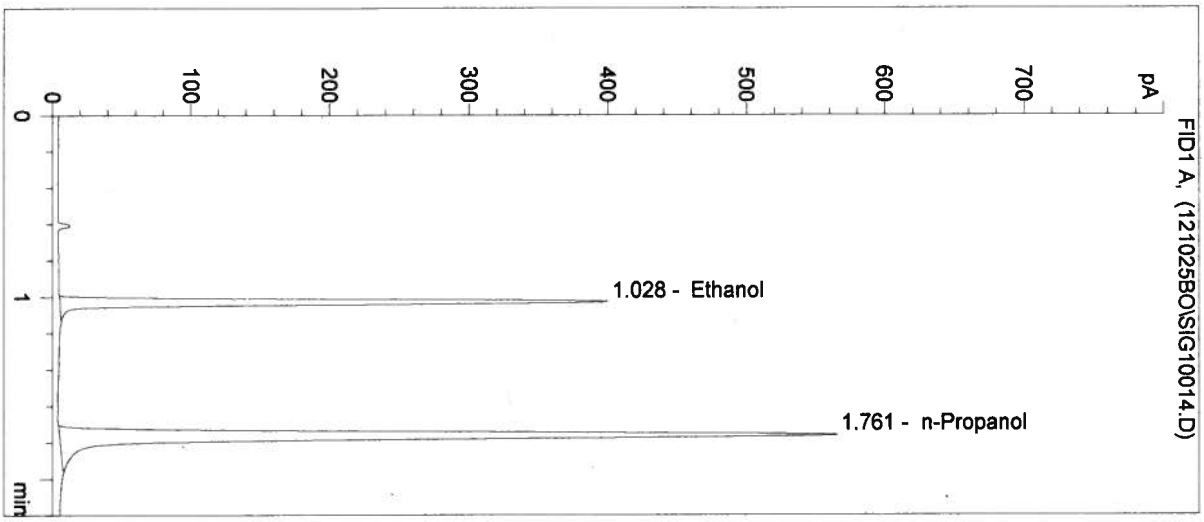
n-Propanol 0.012 g/100mL

BW

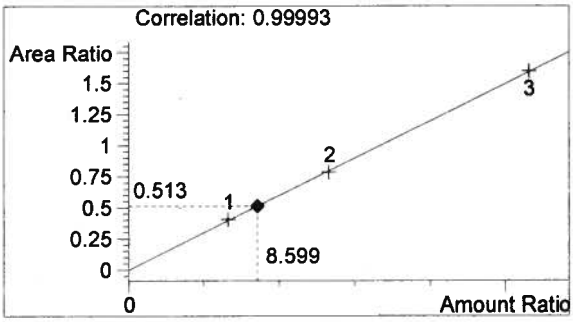
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:34:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

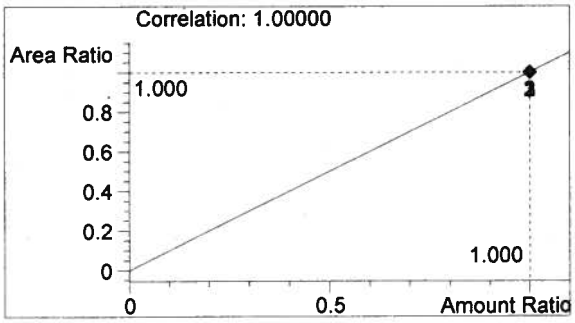
Sample Name: 12046 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	800	1.028
2	n-Propanol	1558	1.761



Ethanol 0.103 g/100mL



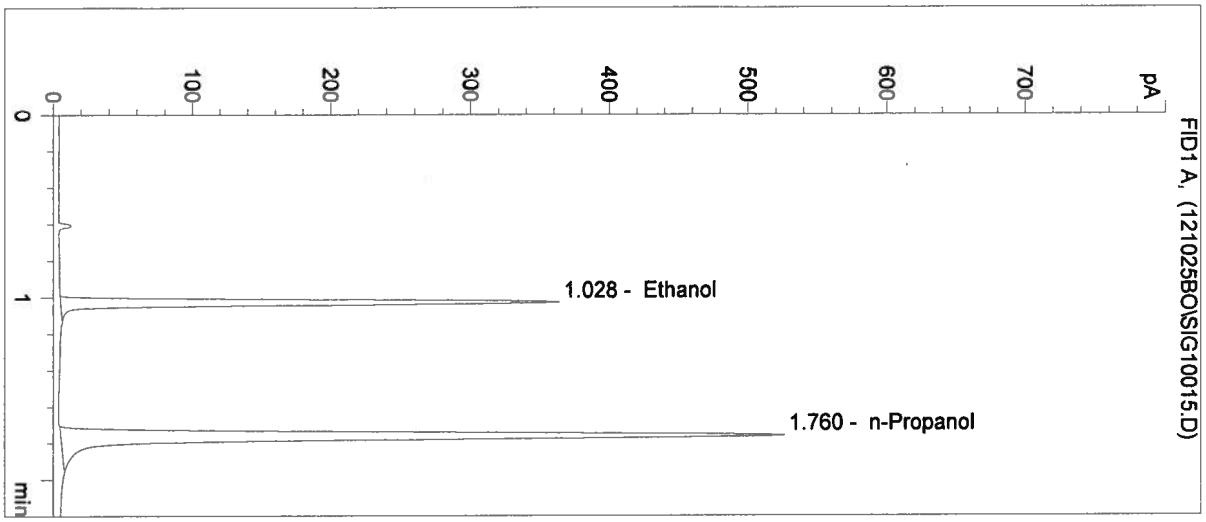
n-Propanol 0.012 g/100mL

BWO

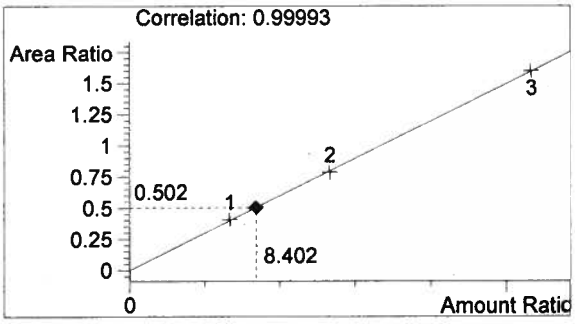
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:37:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: CTRL 2: 0.10 g/100 mL

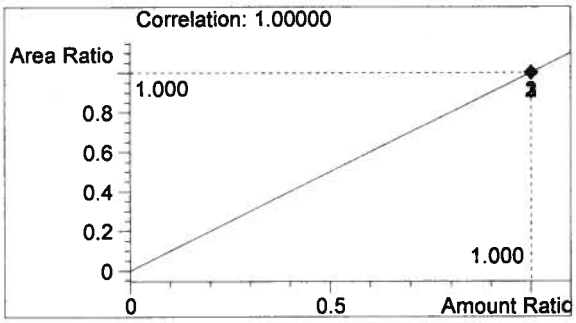
Sample Name: CTRL 2 (0.10) BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.028
2	n-Propanol	1448	1.760



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

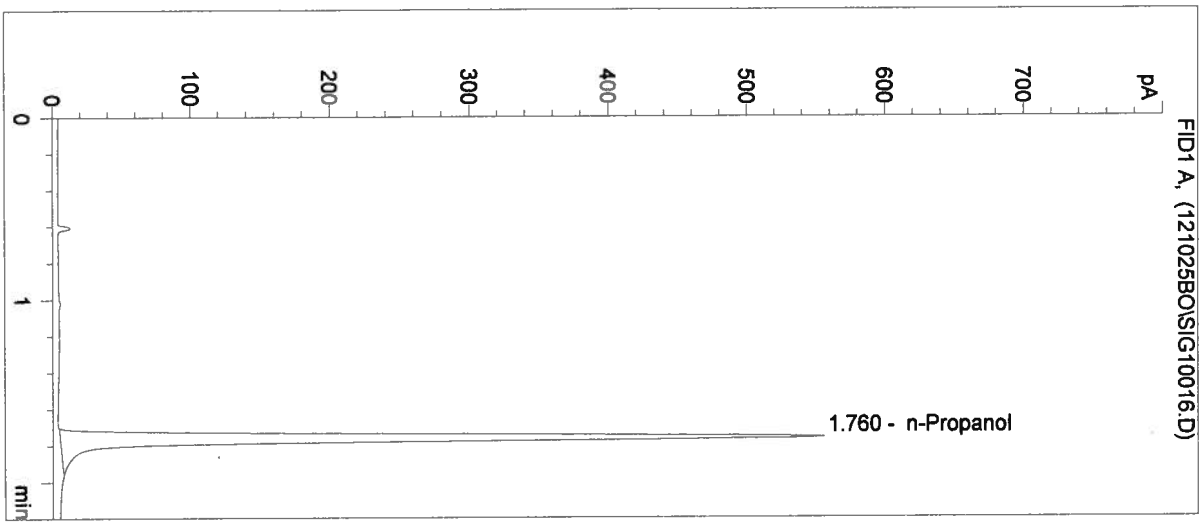
12046

BWO

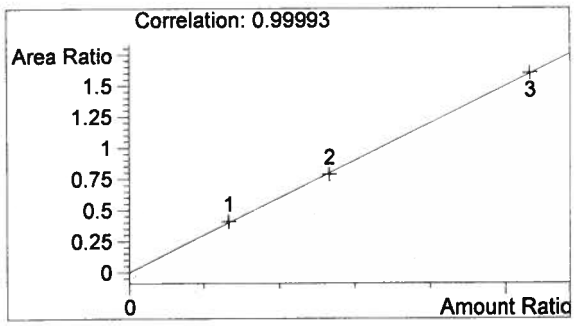
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:41:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

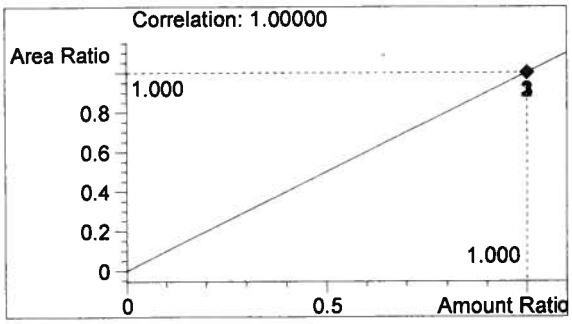
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1531	1.760



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12046

BW