EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12053

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: 11/15/2012
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Brianna Peterson

	BP	RF	JLK	AJL	LN	BEO	BB	CSJ
1	0.104	0.103	0.103	0.104	0.103	0.103	0.102	0.106
2	0.105	0.103	0.103	0.103	0.103	0.103	0.103	0.103
3	0.105	0.103	0.103	0.103	0.103	0.104	0.101	0.102
4	0.103	0.103	0.103	0.104	0.105	0.104	0.102	0.102
5	0.103	0.104	0.103	0.103	0.103	0.104	0.101	0.103
C	0.101	0.101	0.101	0.102	0.101	0.104	0.102	0.102

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1032 g/100mL
STANDARD DEVIATION: 0.00099
PRECISION CV (%): 0.96
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0839 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

12-26-2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BP	Brianna Peterson	Brianna Peterson	11/15/2012
RF	Rebecca Flaherty		11/16/2012
JLK	Justin L. Knoy		11/19/2012
AJL	Asa J. Louis		12/05/2012
LN	Lisa Noble		12/06/2012
BEO	Brianne O'Reilly		12/07/2012
BB	Brittany Ball	Brittany Ball	12/10/2012
CSJ	Christopher S. Johnston		12/10/2012

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 #: **12053** **Date Prepared:** **11/15/2012**

Analyst:	BP	RF	JLK	AJL	LN	BEO	BB	CSJ
Date Tested:	11/15/2012	11/16/2012	11/19/2012	12/5/2012	12/6/2012	12/7/2012	12/10/2012	12/10/2012
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.104	0.103	0.103	0.104	0.103	0.103	0.102	0.106
2	0.105	0.103	0.103	0.103	0.103	0.103	0.103	0.103
3	0.105	0.103	0.103	0.103	0.103	0.104	0.101	0.102
4	0.103	0.103	0.103	0.104	0.105	0.104	0.102	0.102
5	0.103	0.104	0.103	0.103	0.103	0.104	0.101	0.103
C	0.101	0.101	0.101	0.102	0.101	0.104	0.102	0.102

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000924501	0.0001034890	0.0001016326

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

Average Solution Concentration: 0.1032 g/100mL
Standard Deviation: 0.00099 g/100mL
Precision CV (%): 0.96
Equivalent Vapor Concentration: 0.0839 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 12.17.12
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 12-24-2012 Method: Hand Calculation
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton [signature] 12.19.2012
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 12-24-2012

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 12053

	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:** 12-24-2012

Reviewer Signature: N/A AB 12-24-12 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	[illegible]	2012 DEC 18
Brian Capron		
Brianna Peterson	BP	12/17/12
Brianne O'Reilly	BOO	12.17.12
Brittany Ball	BB	12/17/12
Christie Mitchell-Mata		
Christopher Johnston	CJ	12.17.12
Dawn Sklerov		
Justin Knoy	JK	12.17.12
Lisa Noble	[illegible]	12/17/12
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	12.17.12
Sarah Swenson		

Batch # 12053

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 12053

I, Brianna Peterson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry, MS degree in Forensic Science, and Ph.D. degree in Toxicology.

The external standard solution, Lot Number 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

Brianna Peterson 12/17/12

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12053

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 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

12·17·12

Rebecca Flaherty — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12053

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 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

12-17-12

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 12053

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 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

2012 DEC 18

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 12053

I, Lisa Noble, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry and six years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

Lisa Noble 12/17/12

Lisa Noble Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12053

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 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

Brianne E O'Reilly 12·17·12

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12053

I, Brittany Ball, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The external standard solution, Lot Number 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

Brittany Ball 12/17/12

Brittany Ball Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12053

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 12053, was prepared in the Washington State Toxicology Laboratory on 11/15/2012. 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 11/15/2013.

Seattle, WA

12·17·2012

Christopher S. Johnston — Date

Forensic Toxicologist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 11/15/12 Initials of Preparer: BP

Expiration Date: 11/15/13

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

Date the 200-proof Ethanol bottle was opened: 10/11/12

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☒	12053

Stir bar is rotating ☒

Stirred for minimum 30 minutes; 2 hours for ESS ☒

Spigot purged ☒

Aliquot taken ☒

Batch labeled, packaged and sealed ☒ 11/15/12 Date

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

Comments:

Brianna Peterson
Analyst Signature

11/15/12
Date

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

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121115BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A084657 exp 02/2016
Internal Standard Lot#P1012 exp 01/22/13

Sequence Table (Front Injector):

Sample Information Part:

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

12053

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053 #1	SIMALC1	1	Sample		
11	Vial 11	12053 #2	SIMALC1	1	Sample		
12	Vial 12	12053 #3	SIMALC1	1	Sample		
13	Vial 13	12053 #4	SIMALC1	1	Sample		
14	Vial 14	12053 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

12053

BL

Calibration Table

Calib. Data Modified : Thursday, November 15, 2012 10:53:23 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.98400e-2	867.12109	9.20748e-5		1	Ethanol
		2	1.59780e-1	1737.28760	9.19710e-5			
		3	3.19310e-1	3363.63672	9.49300e-5			
1.705	1	1	1.20000e-2	2340.32178	5.12750e-6	I1		n-Propanol
		2	1.20000e-2	2397.42432	5.00537e-6			
		3	1.20000e-2	2367.53442	5.06856e-6			

Peak Sum Table

No Entries in table

12053

BI

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Calibration Curves

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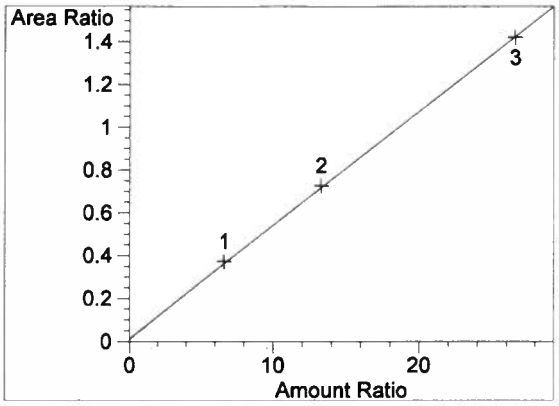
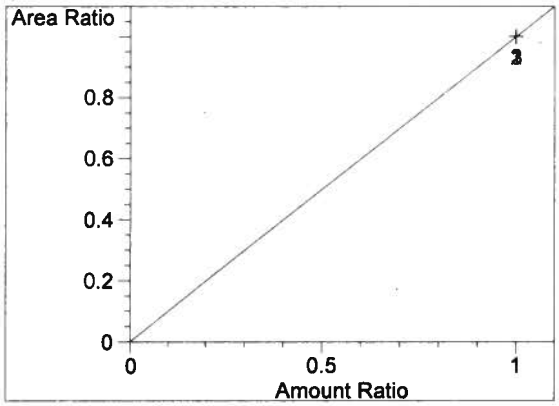


Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.01010
Formula: y = mx + b
m: 5.32550e-2
b: 8.85268e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

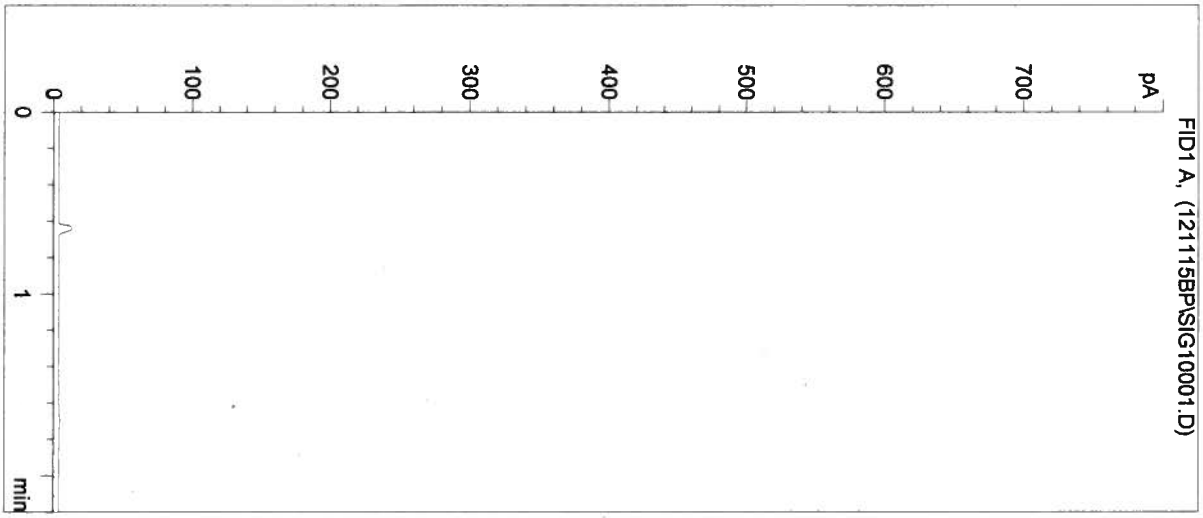
12053

BP

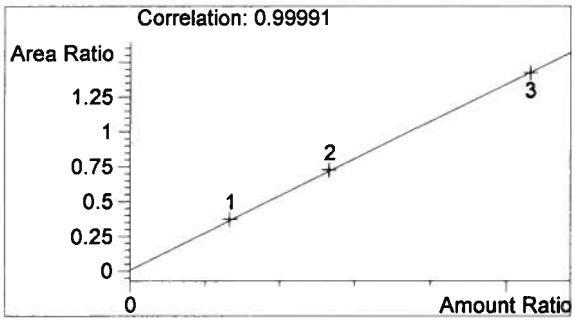
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:41:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

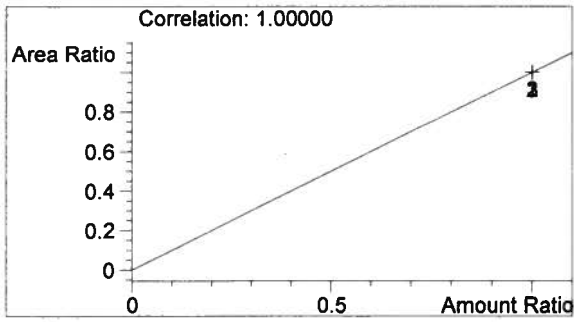
Sample Name: Blank
Operator: Brianna Peterson
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

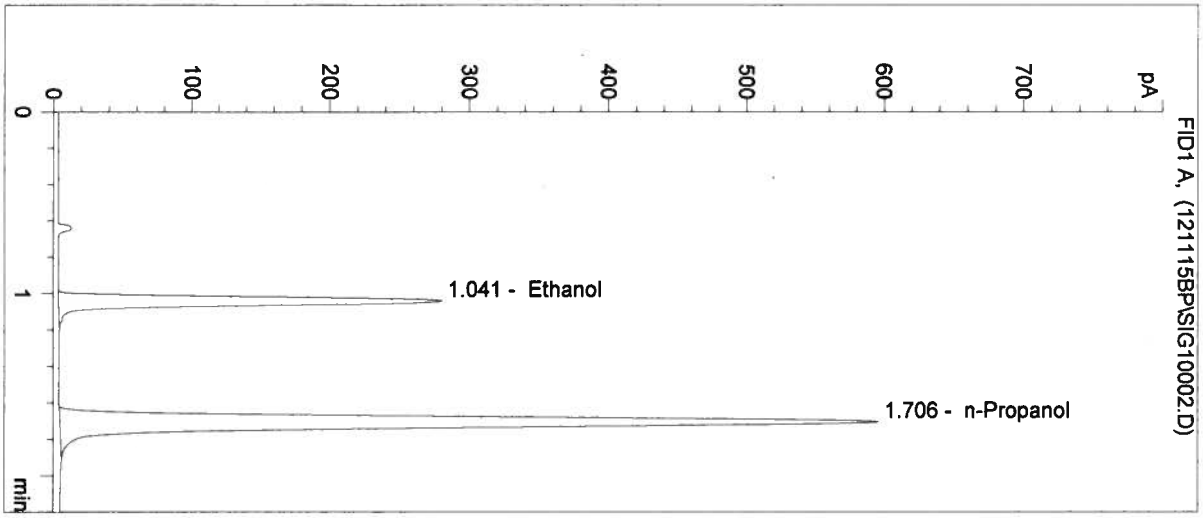
12053

BL

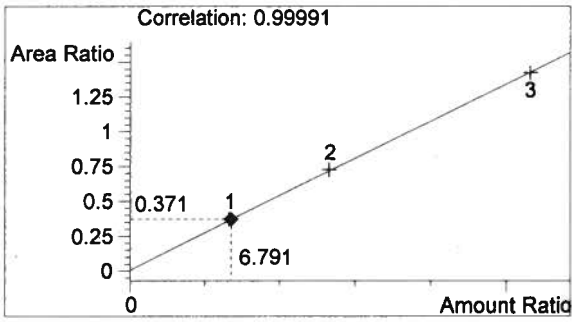
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:45:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-01 (0.079 g/100mL)

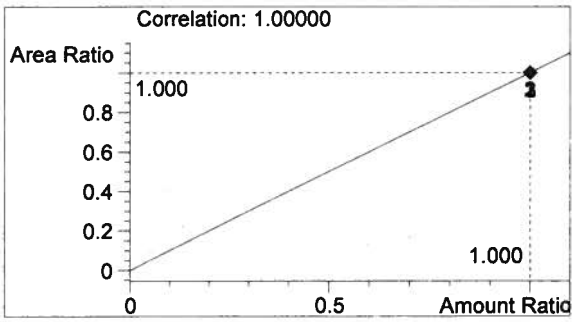
Sample Name: 0.079 CAL 1
Operator: Brianna Peterson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	867	1.041
2	n-Propanol	2340	1.706



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

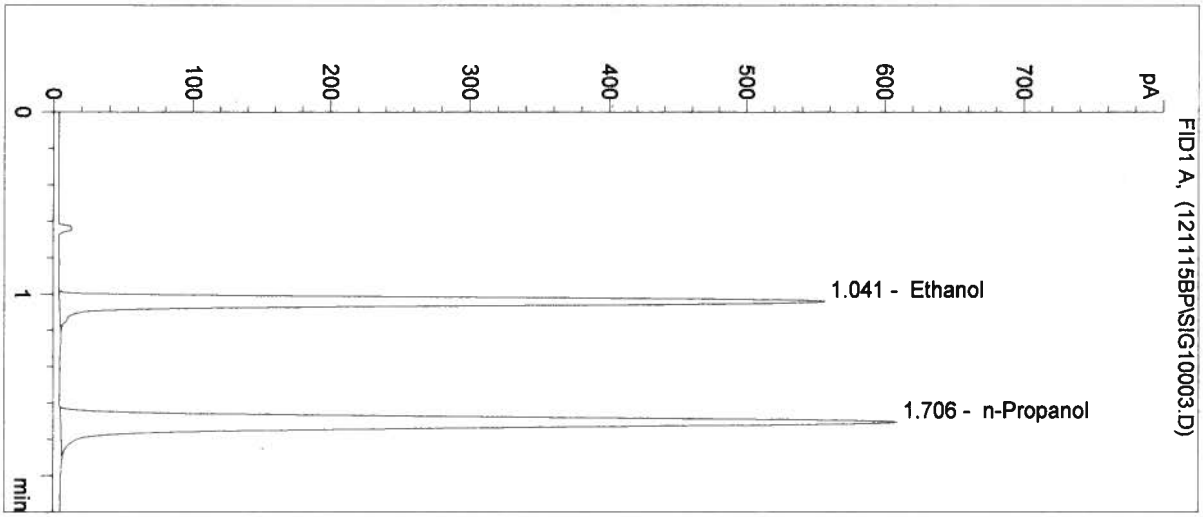
12053

BP

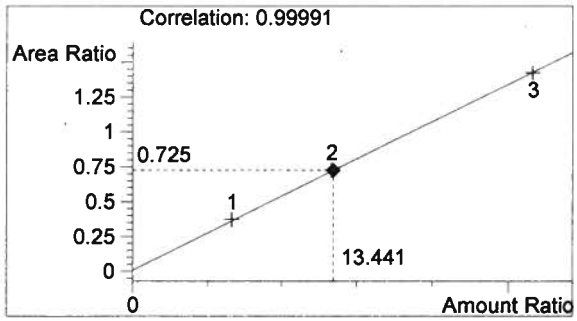
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:48:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-02 (0.158 g/100mL)

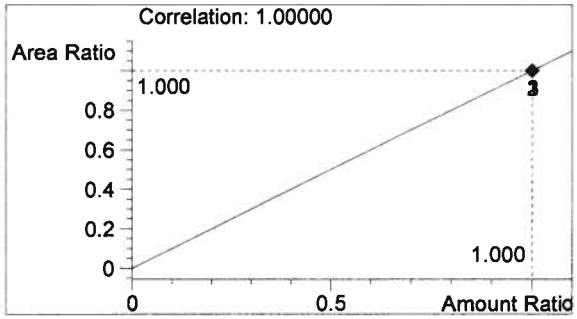
Sample Name: 0.158 CAL 2
Operator: Brianna Peterson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1737	1.041
2	n-Propanol	2397	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

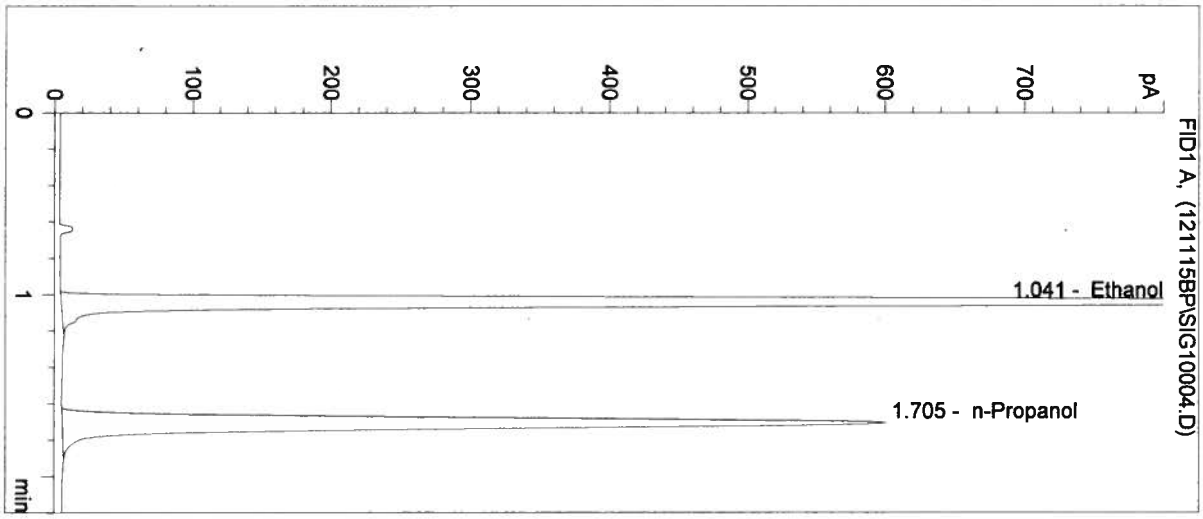
12053

B6

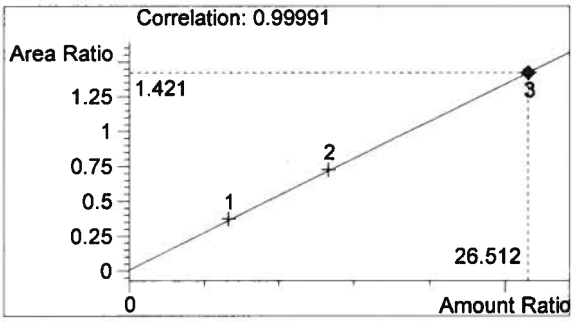
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:51:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-03 (0.316 g/100mL)

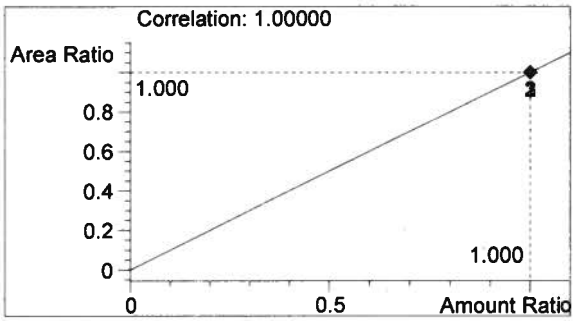
Sample Name: 0.316 CAL 3
Operator: Brianna Peterson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3364	1.041
2	n-Propanol	2368	1.705



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

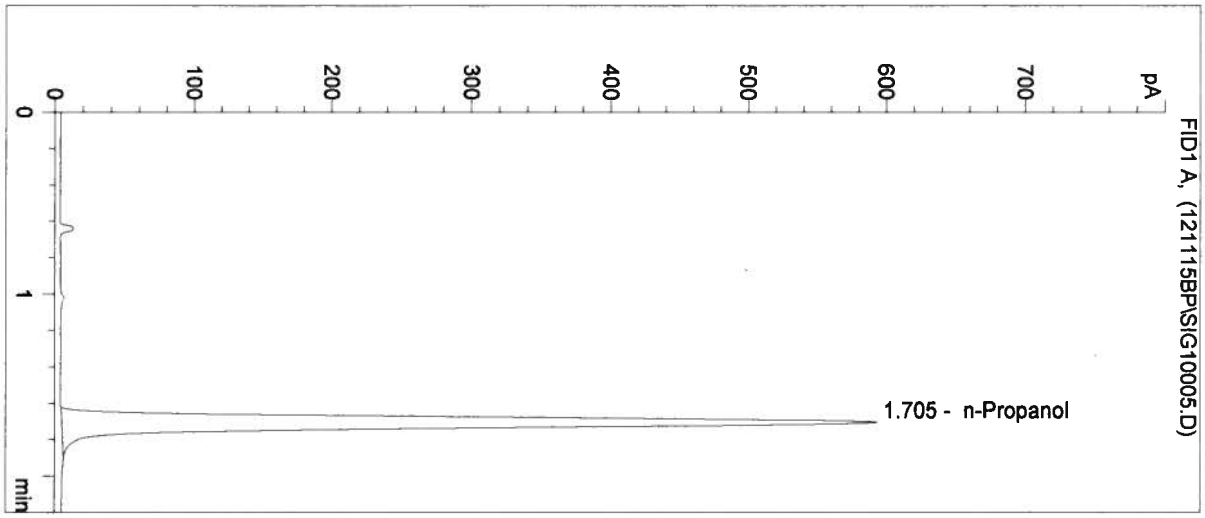
12053

BP

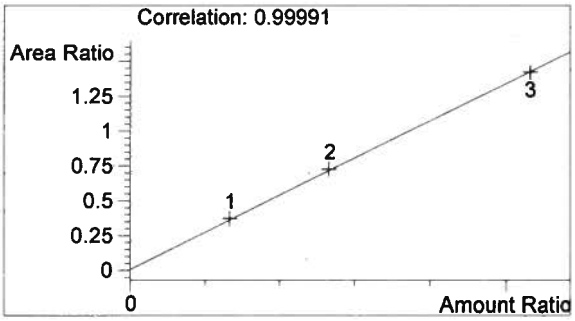
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:54:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

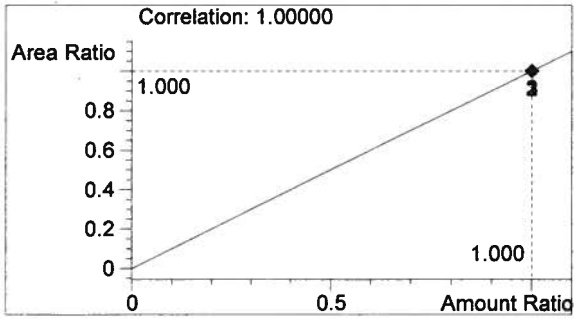
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2340	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

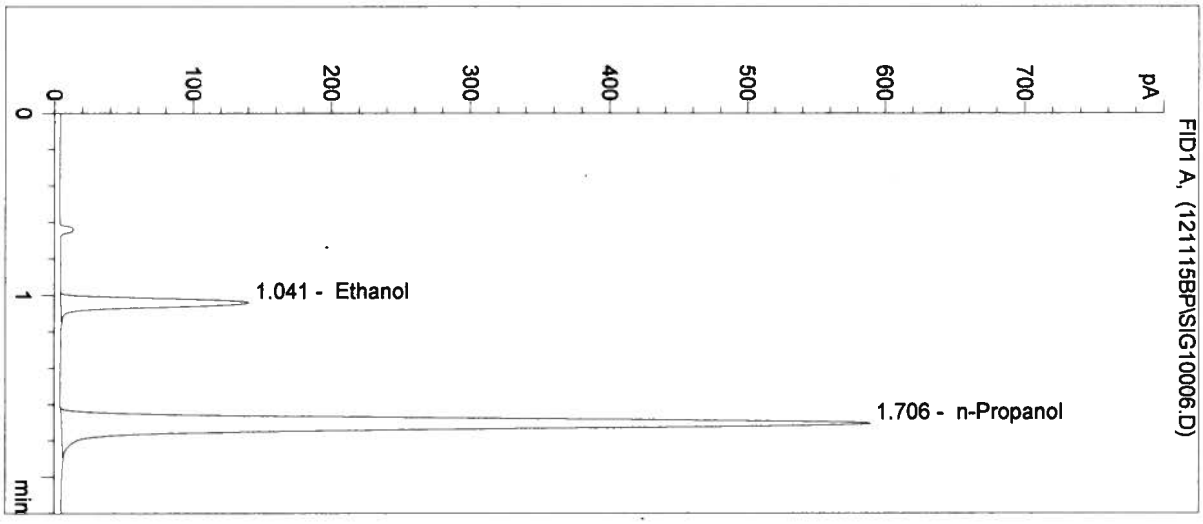
12053

BL

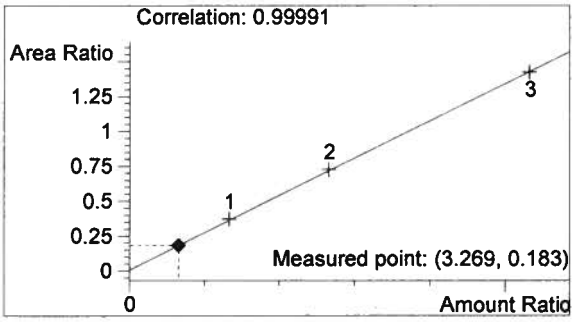
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 10:57:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

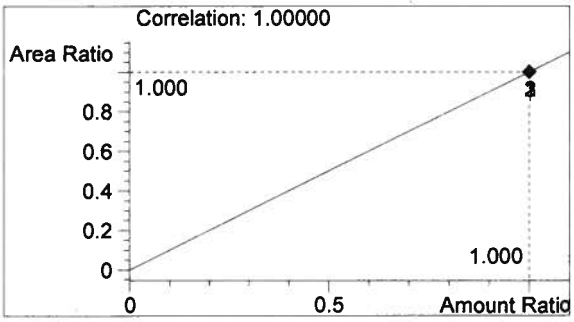
Sample Name: 0.04 CTRL - BP
Operator: Brianna Peterson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	423	1.041
2	n-Propanol	2314	1.706



Ethanol 0.039 g/100mL

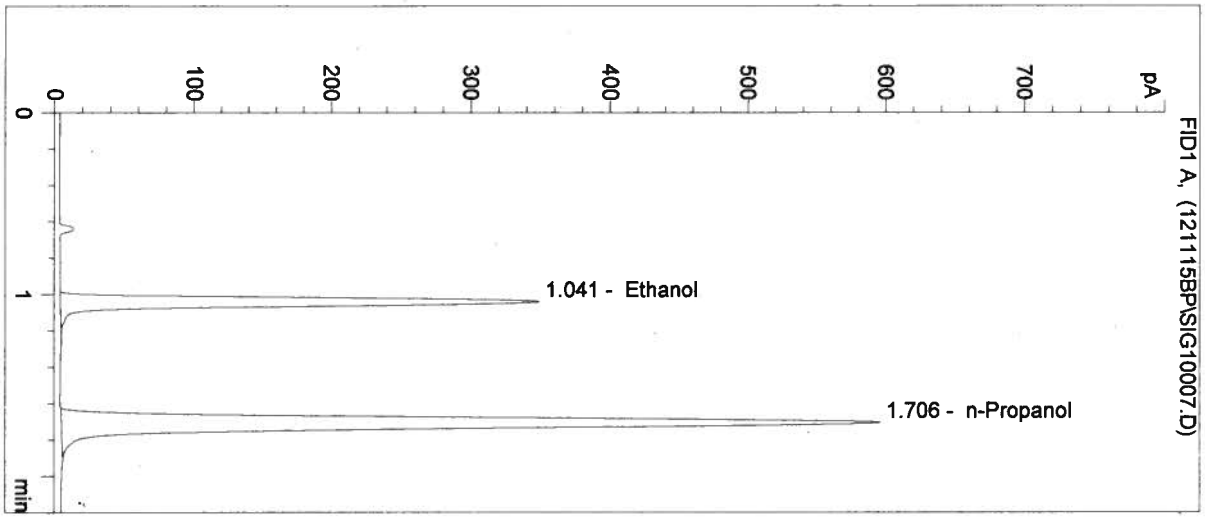


n-Propanol 0.012 g/100mL

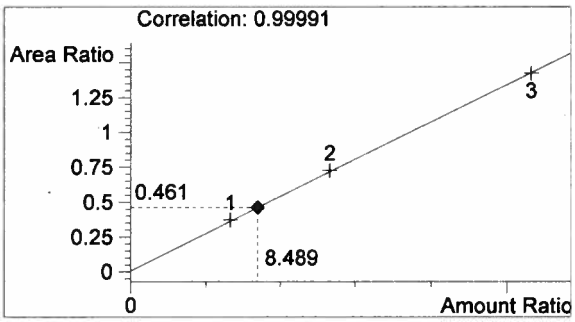
12053

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

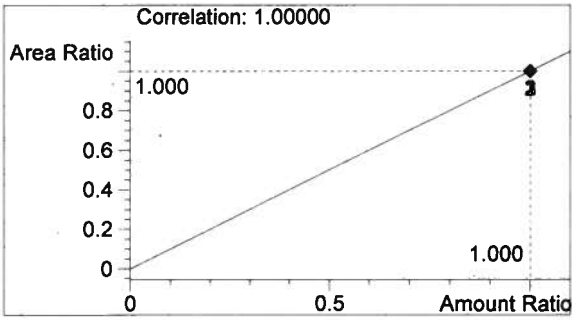
Inj. Date: 11/15/2012 11:00:24 AM
Sample Name: 0.10 CTRL - BP
Instrument: HSGC#1
Operator: Brianna Peterson
Column: DB-ALC1
Location: Vial 7
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1079	1.041
2	n-Propanol	2342	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

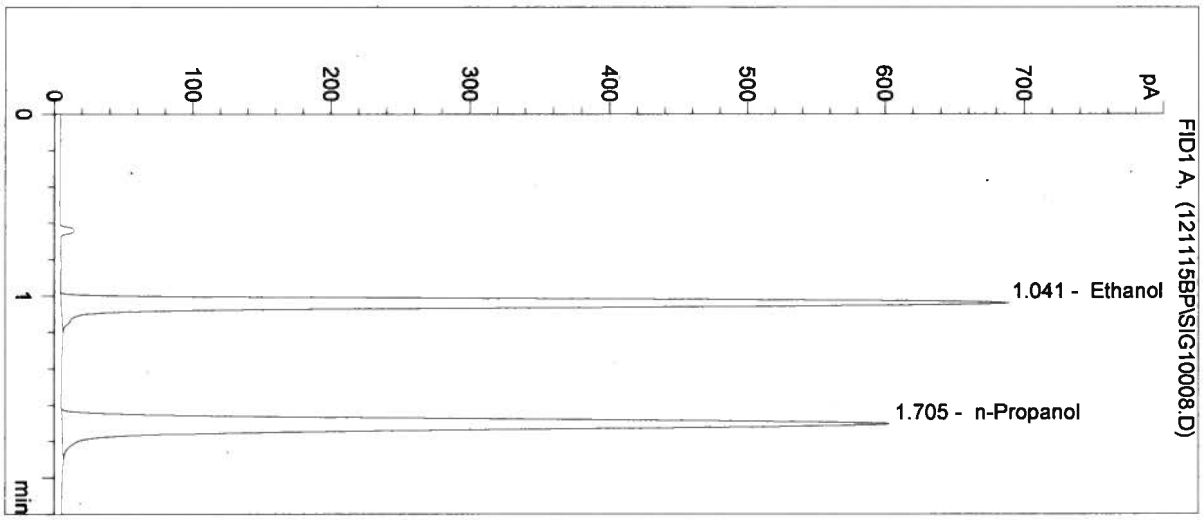
12053

BC

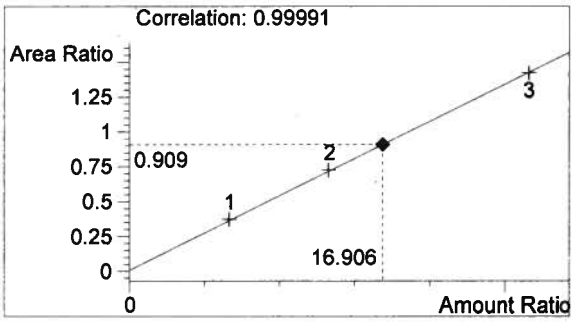
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:03:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

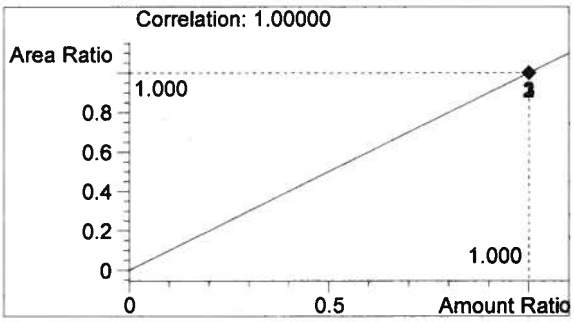
Sample Name: 0.20 CTRL - BP
Operator: Brianna Peterson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2161	1.041
2	n-Propanol	2377	1.705



Ethanol 0.203 g/100mL



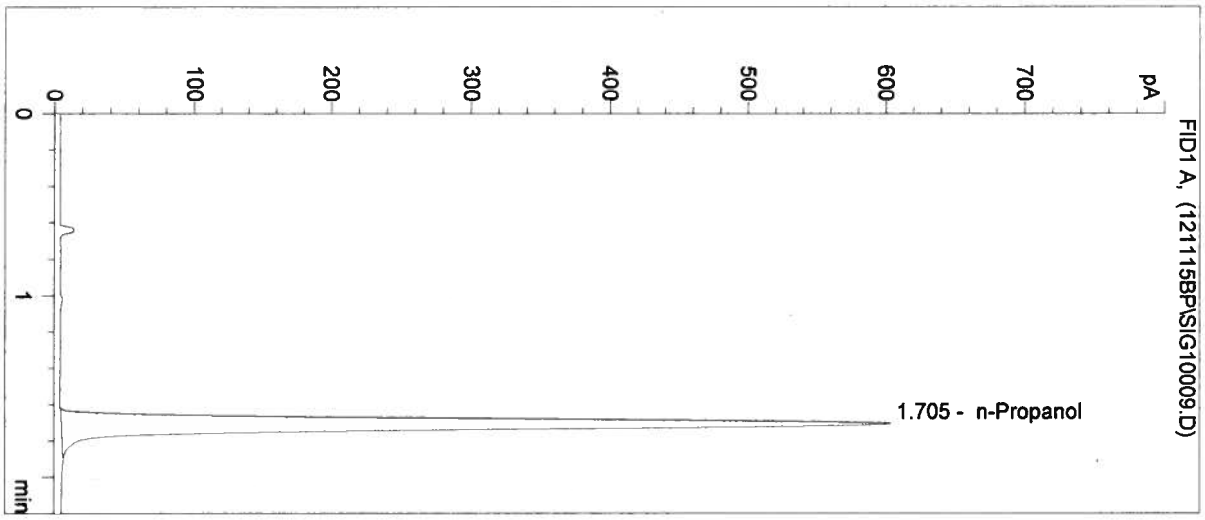
n-Propanol 0.012 g/100mL

12053

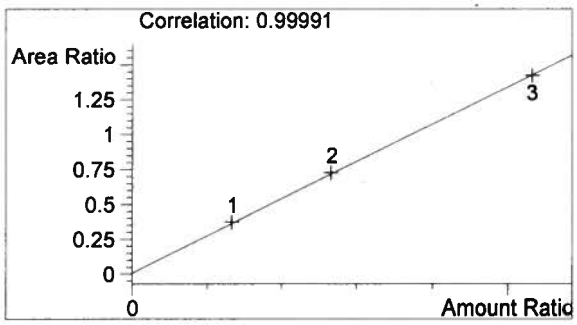
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:06:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

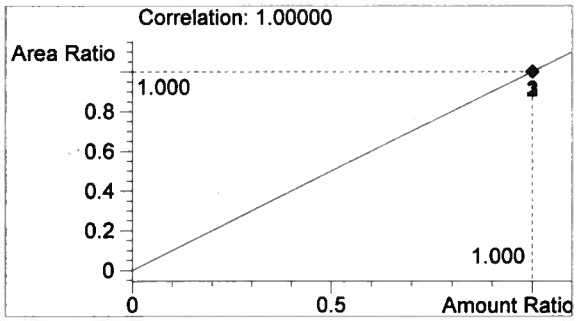
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2377	1.705



Ethanol 0.000 g/100mL



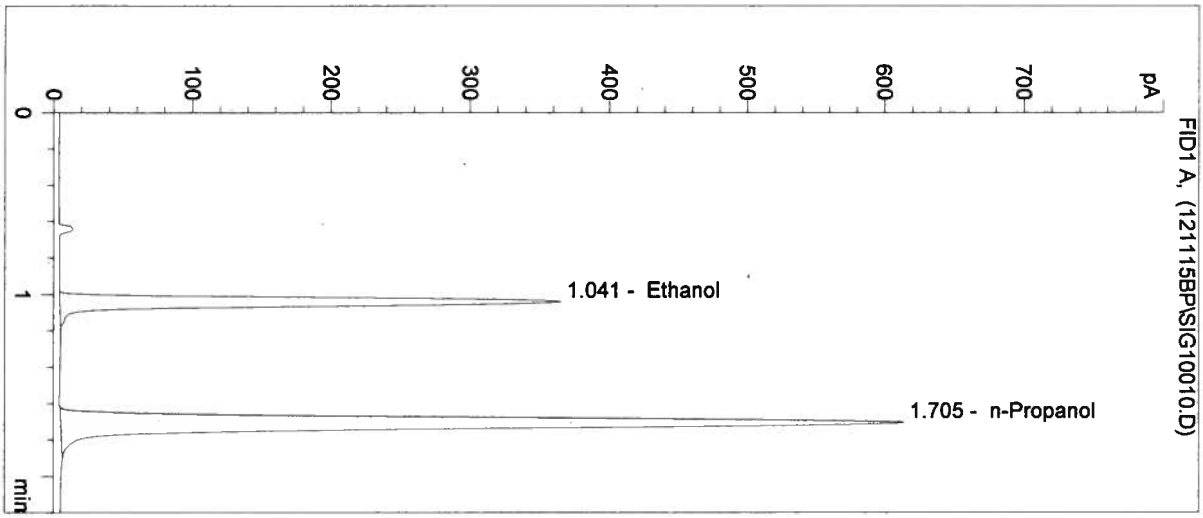
n-Propanol 0.012 g/100mL

12053

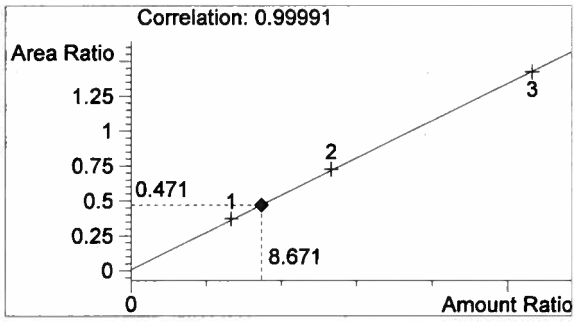
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:09:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

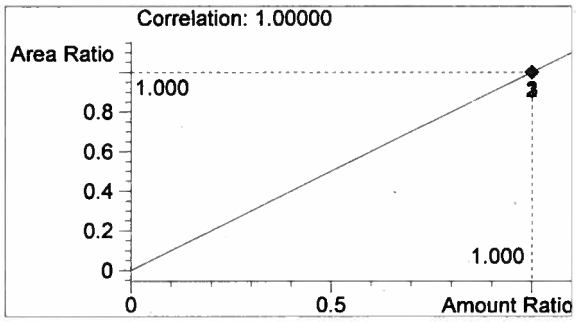
Sample Name: 12053 #1
Operator: Brianna Peterson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.041
2	n-Propanol	2411	1.705



Ethanol 0.104 g/100mL



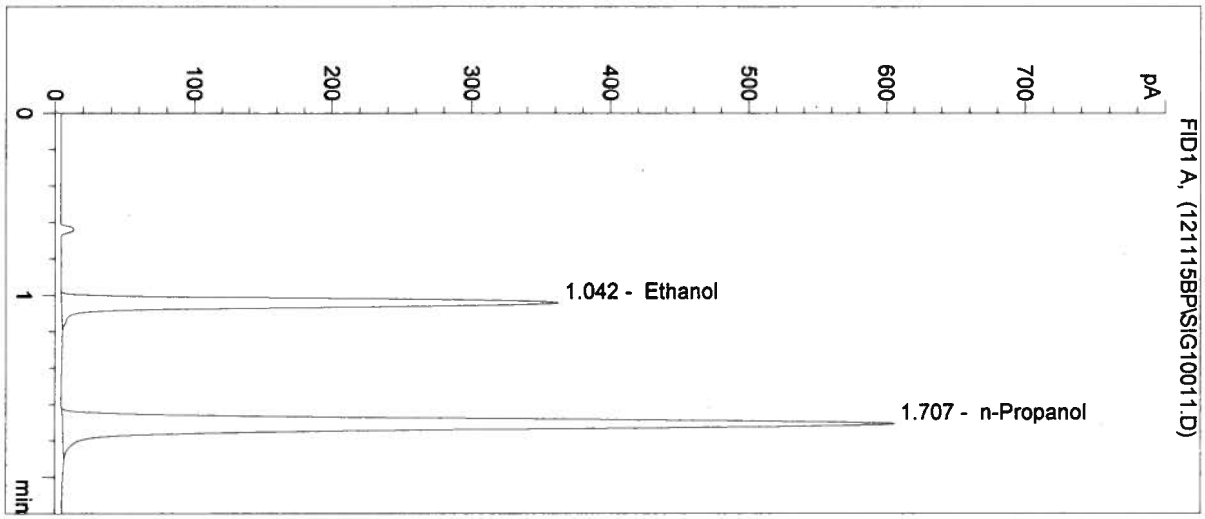
n-Propanol 0.012 g/100mL

BP

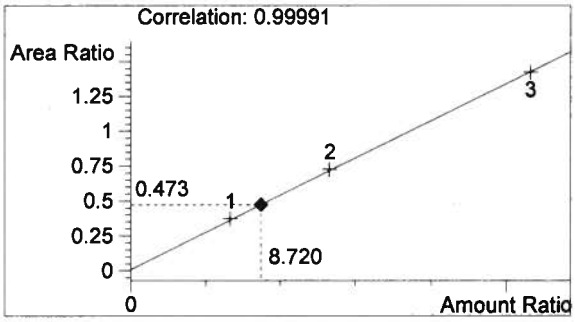
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:12:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

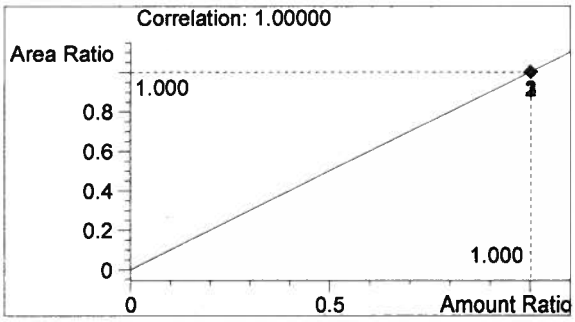
Sample Name: 12053 #2
Operator: Brianna Peterson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.042
2	n-Propanol	2382	1.707



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

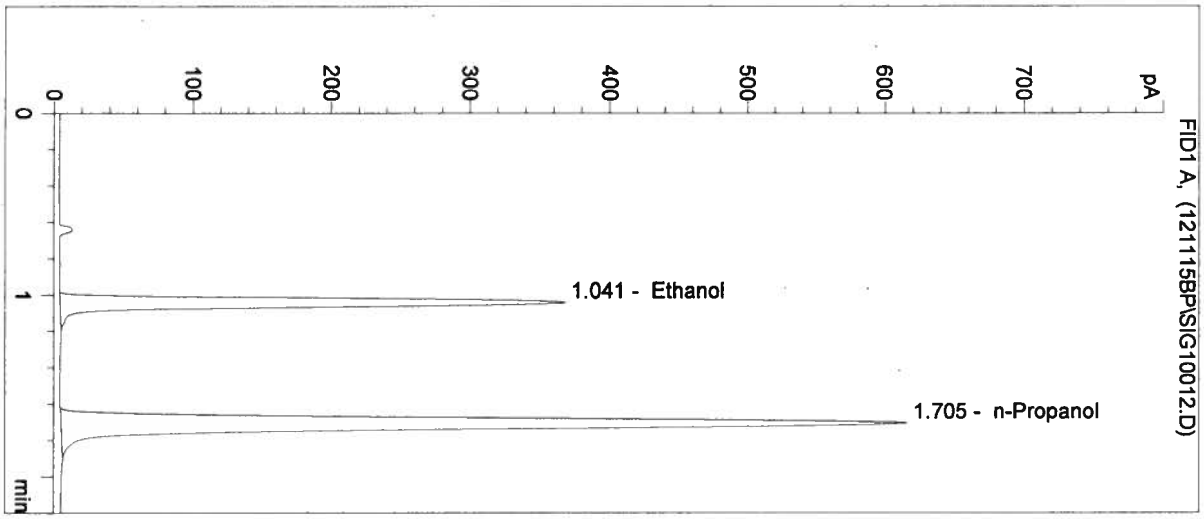
Data File: C:\HPCHEM\1\DATA\121115BP\SIG10011.D

BG

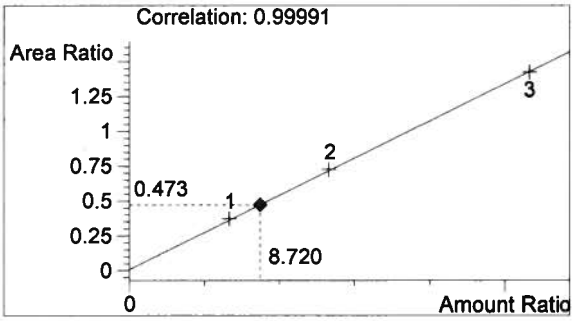
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:15:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

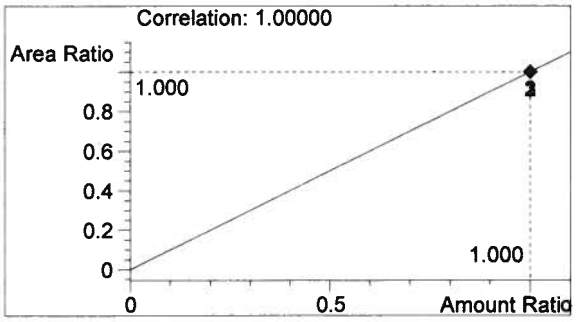
Sample Name: 12053 #3
Operator: Brianna Peterson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1147	1.041
2	n-Propanol	2424	1.705



Ethanol 0.105 g/100mL



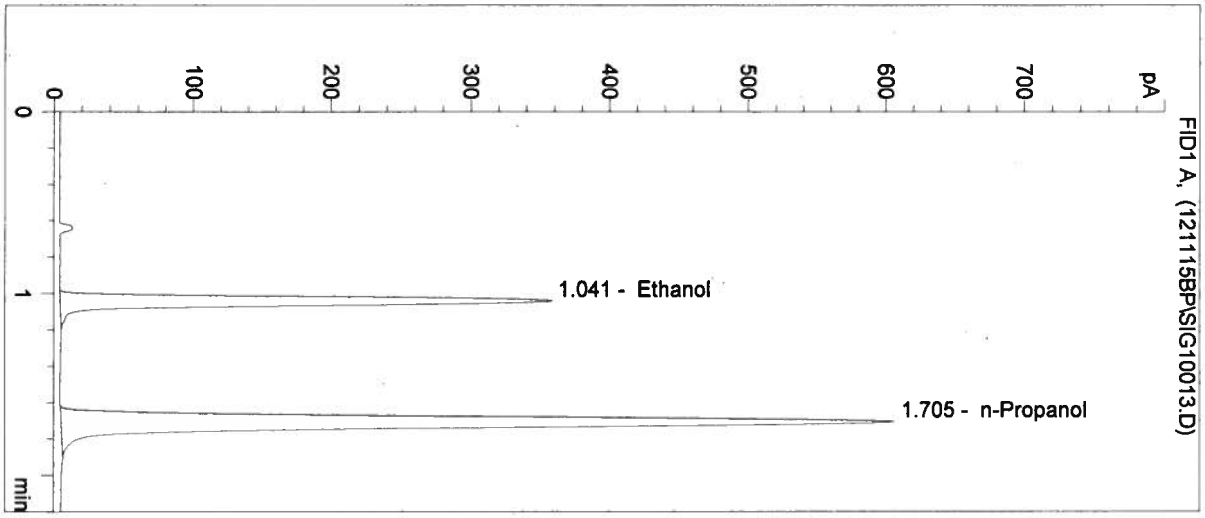
n-Propanol 0.012 g/100mL

BP

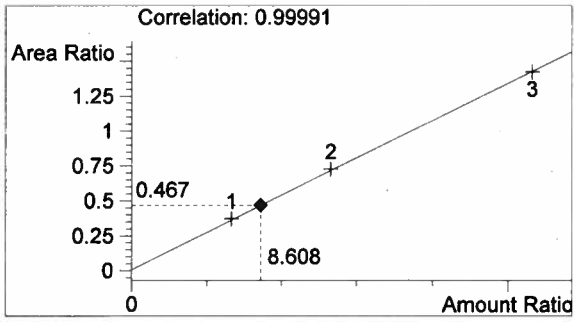
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:18:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

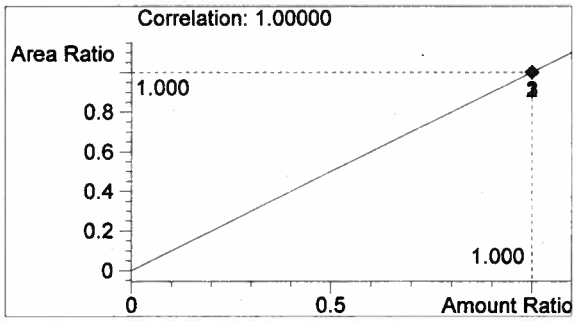
Sample Name: 12053 #4
Operator: Brianna Peterson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2389	1.705



Ethanol 0.103 g/100mL



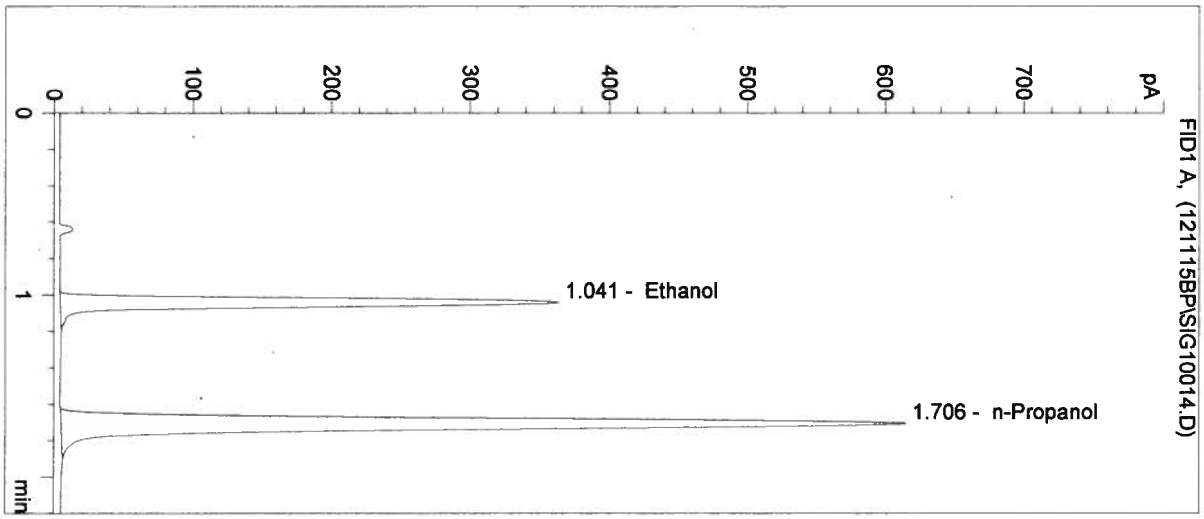
n-Propanol 0.012 g/100mL

BP

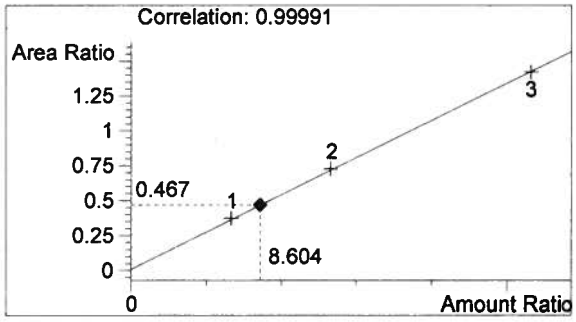
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:21:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

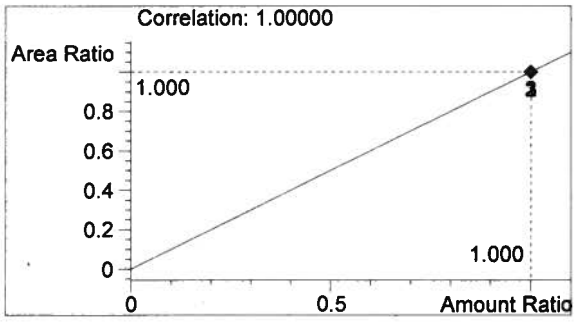
Sample Name: 12053 #5
Operator: Brianna Peterson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1132	1.041
2	n-Propanol	2424	1.706



Ethanol 0.103 g/100mL



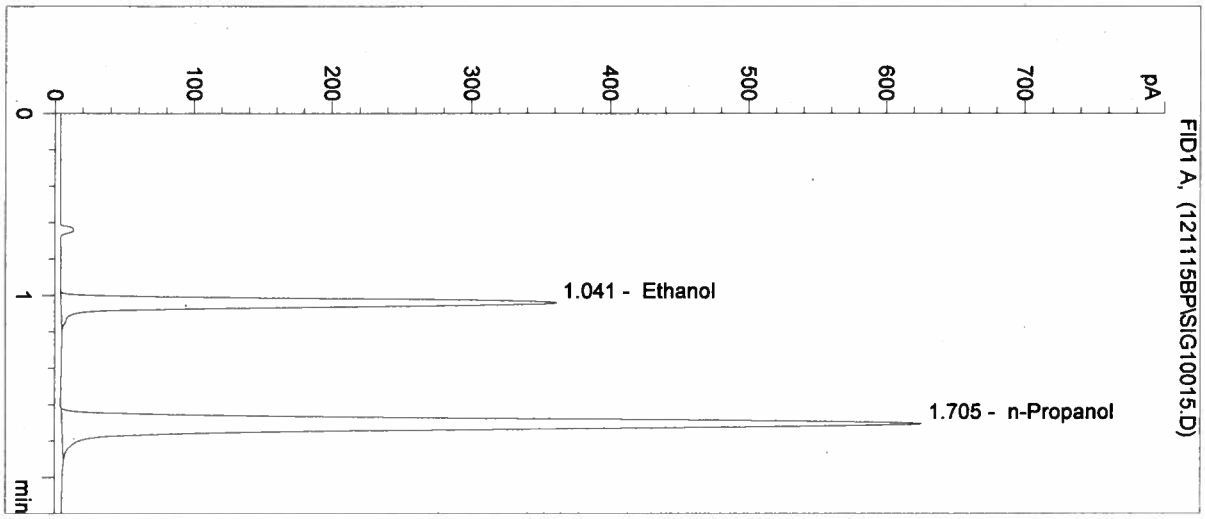
n-Propanol 0.012 g/100mL

BP

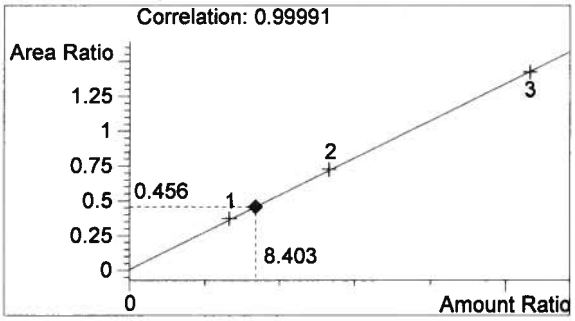
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:25:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

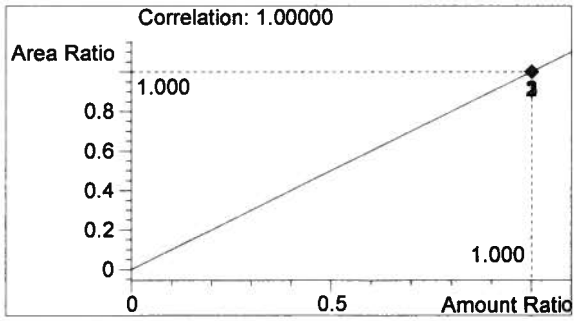
Sample Name: 0.10 CTRL - BP
Operator: Brianna Peterson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.041
2	n-Propanol	2461	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

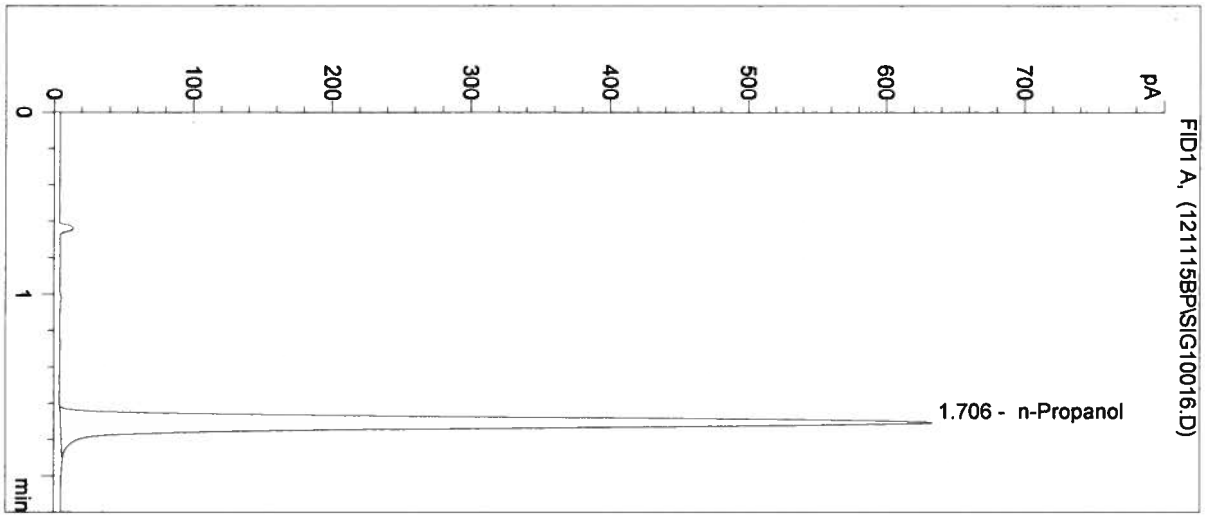
12053

BP

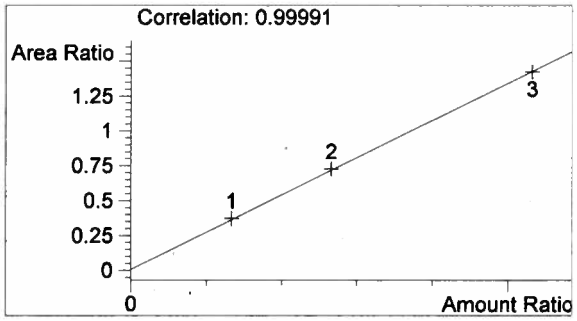
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2012 11:28:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

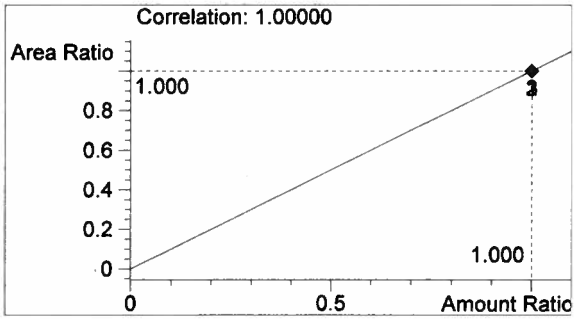
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2495	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

BP

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

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121116RF
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 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	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053 #1	SIMALC1	1	Sample		
11	Vial 11	12053 #2	SIMALC1	1	Sample		
12	Vial 12	12053 #3	SIMALC1	1	Sample		
13	Vial 13	12053 #4	SIMALC1	1	Sample		
14	Vial 14	12053 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

RF

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

Sequence Table (Back Injector):

No entries - empty table!

12053

RF

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

Calibration Table

Calib. Data Modified : Friday, November 16, 2012 1:53:06 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
1.041	1	1	7.98400e-2	886.45435	9.00667e-5	1		Ethanol
		2	1.59780e-1	1790.92542	8.92164e-5			
		3	3.19310e-1	3384.89502	9.43338e-5			
1.706	1	1	1.20000e-2	2463.98560	4.87016e-6	I1		n-Propanol
		2	1.20000e-2	2491.59863	4.81619e-6			
		3	1.20000e-2	2387.94971	5.02523e-6			

Peak Sum Table

No Entries in table

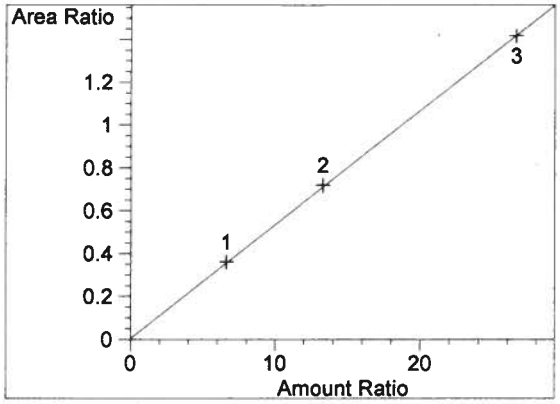
12053

RS

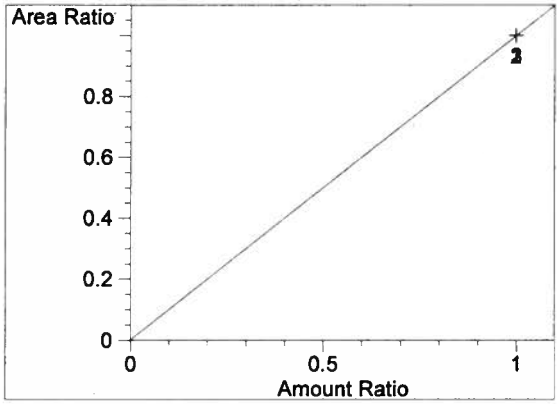
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00562
Formula: y = mx + b
m: 5.32429e-2
b: 4.02991e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12053

RF

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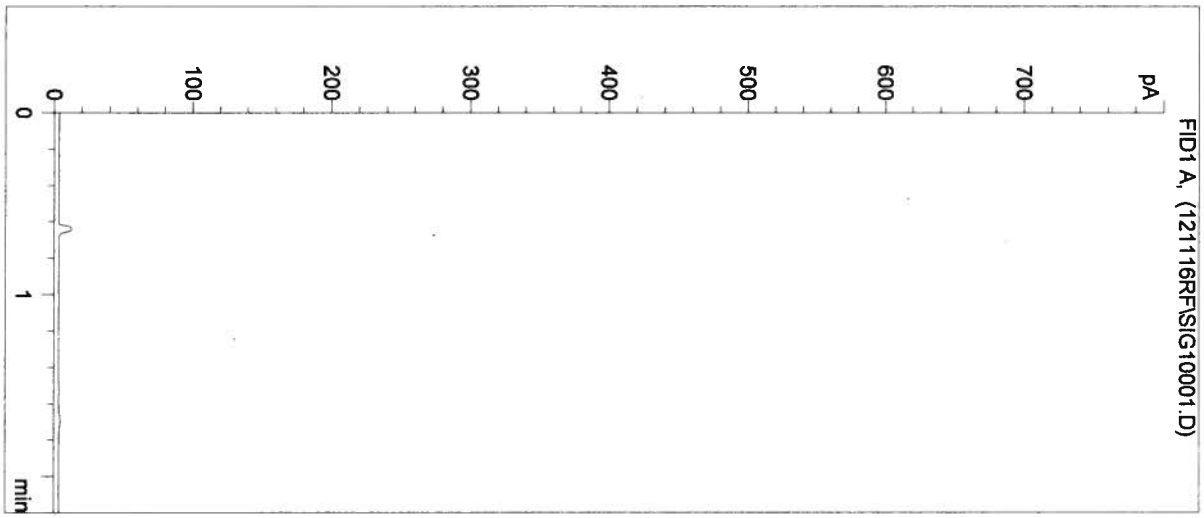
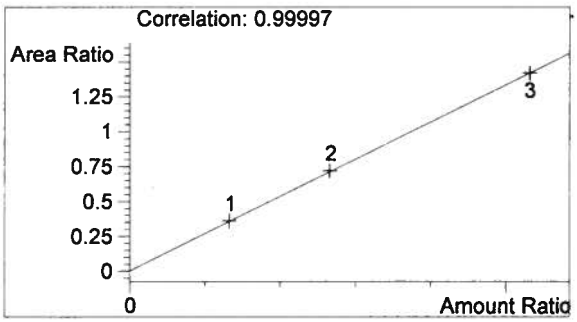
Inj. Date: 11/16/2012 1:41:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

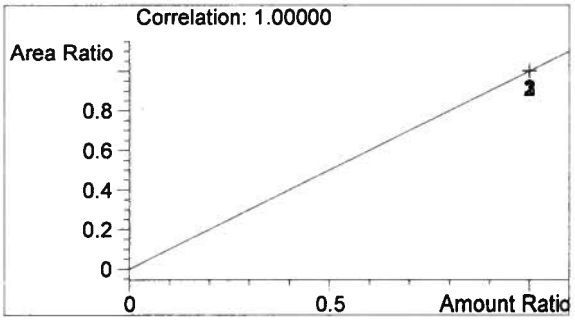
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12053

RF

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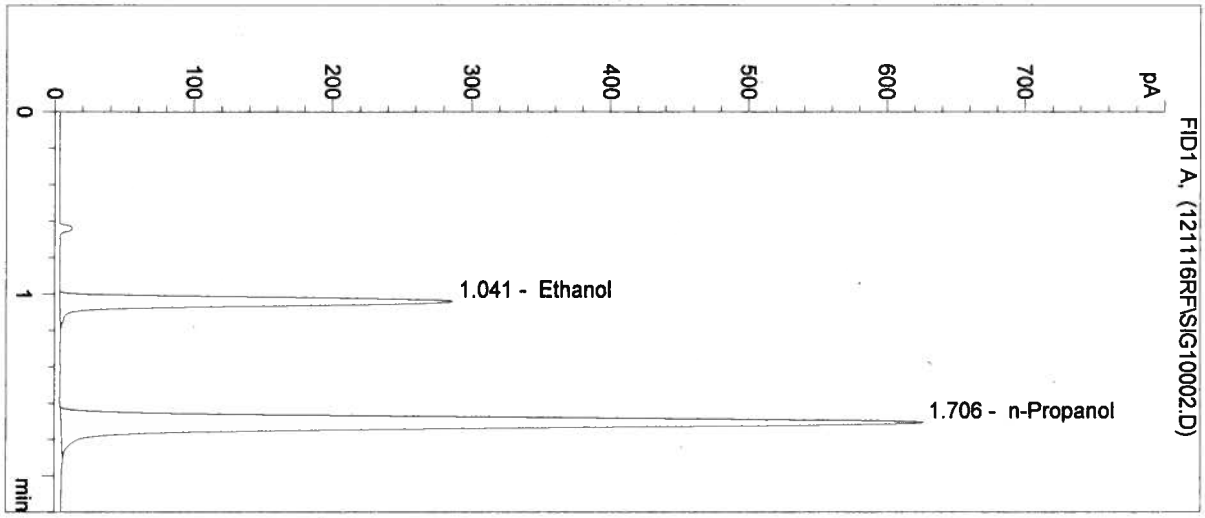
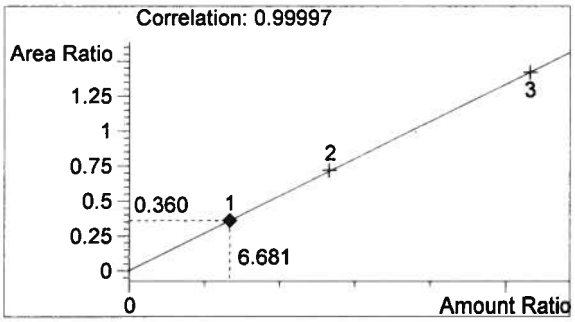
Inj. Date: 11/16/2012 1:44:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

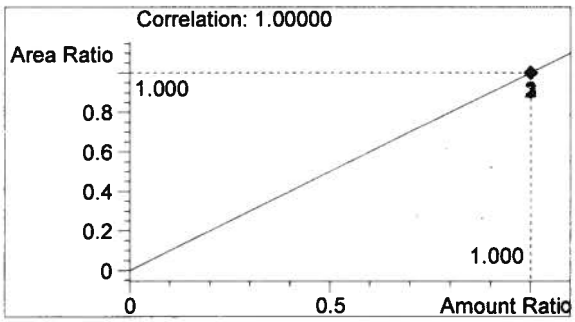
->



#	Compound	Peak Area	RT (min)
1	Ethanol	886	1.041
2	n-Propanol	2464	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12053

R4

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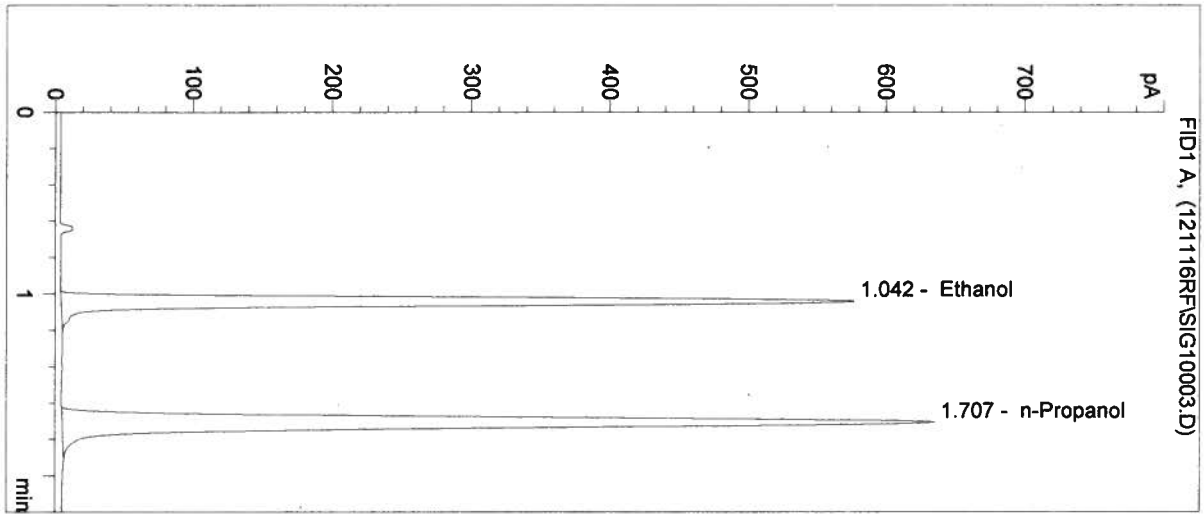
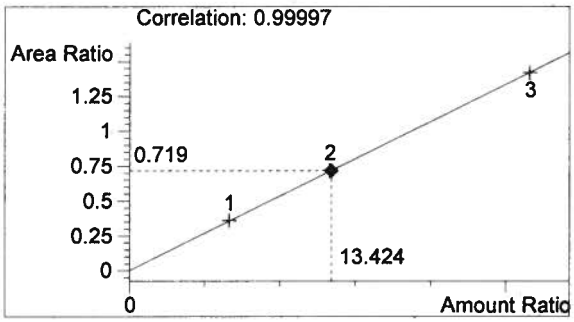
Inj. Date: 11/16/2012 1:47:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

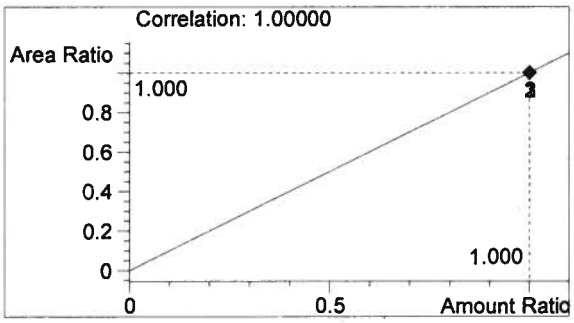
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1791	1.042
2	n-Propanol	2492	1.707



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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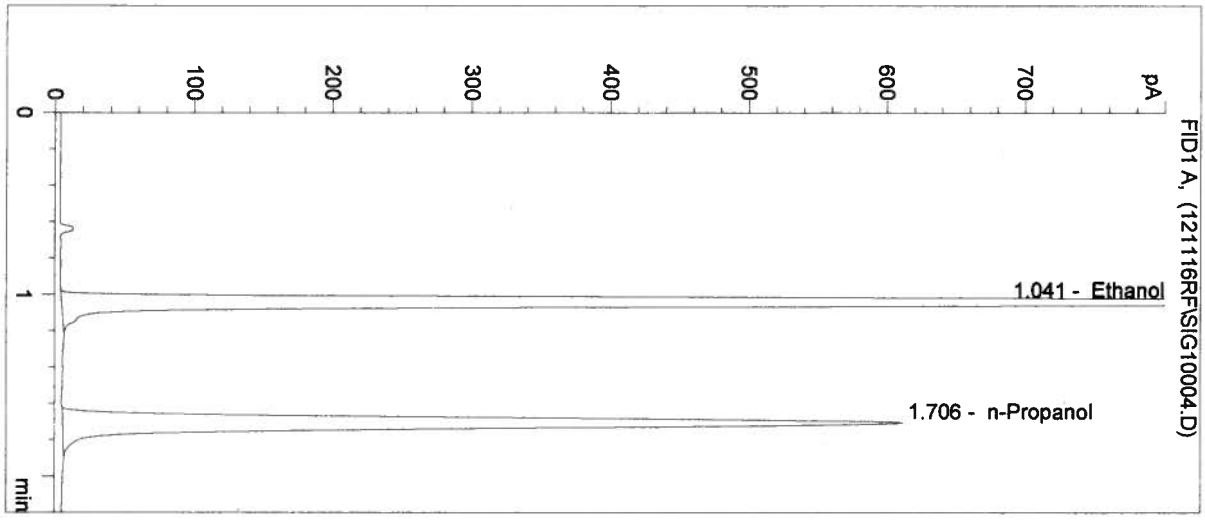
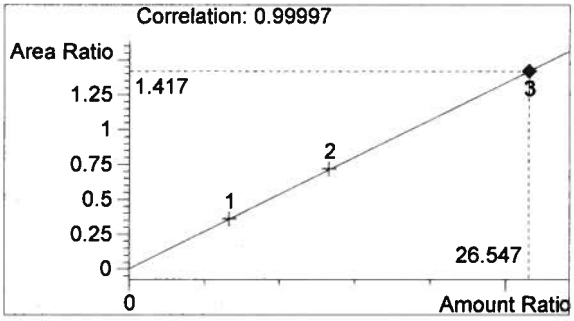
Inj. Date: 11/16/2012 1:50:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

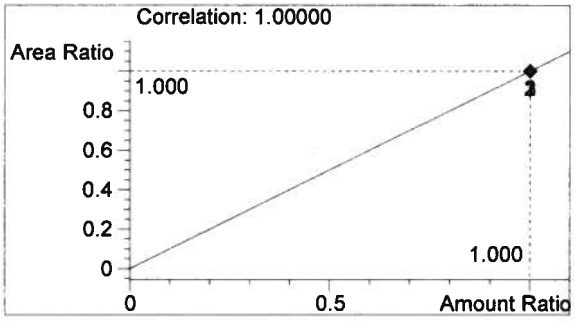
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3385	1.041
2	n-Propanol	2388	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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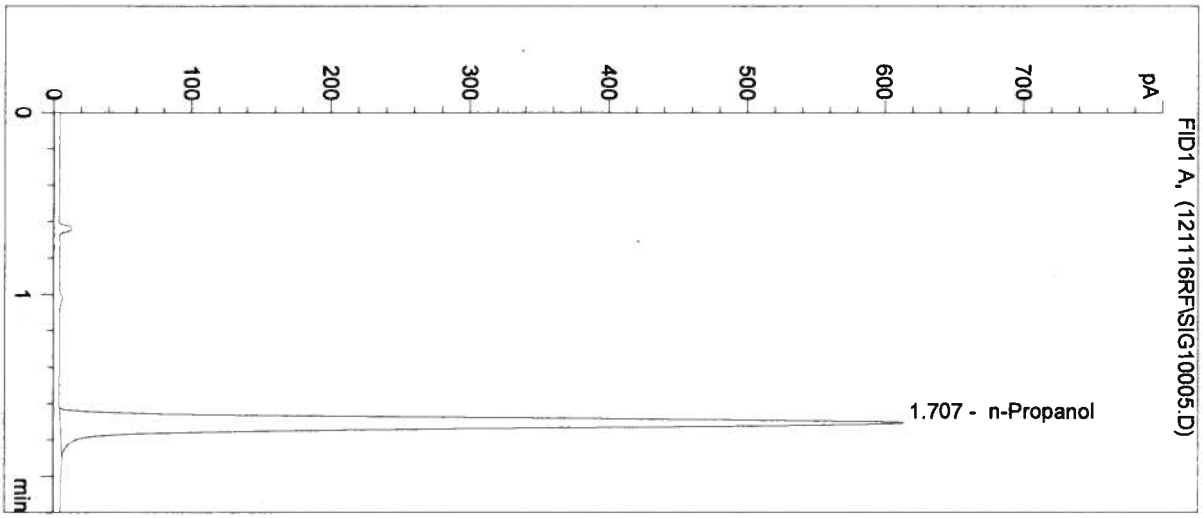
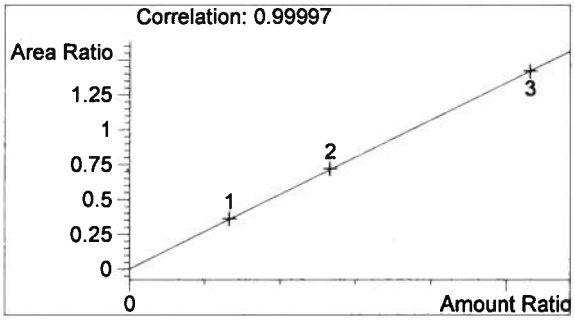
Inj. Date: 11/16/2012 1:53:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

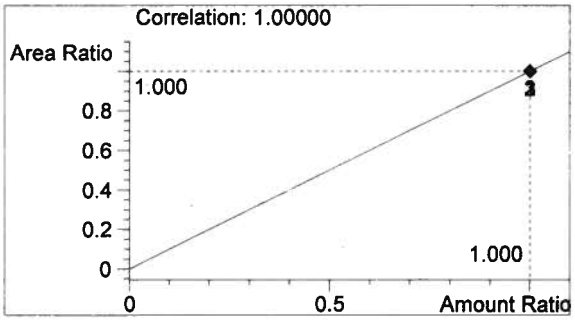
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2402	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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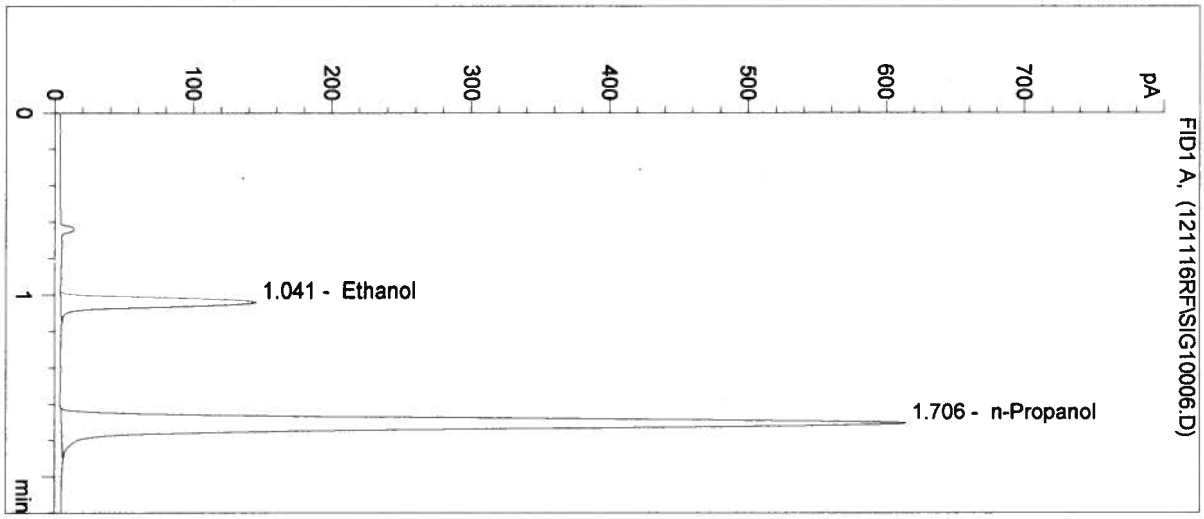
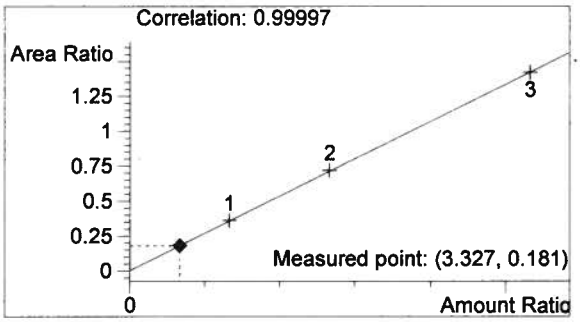
Inj. Date: 11/16/2012 1:57:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

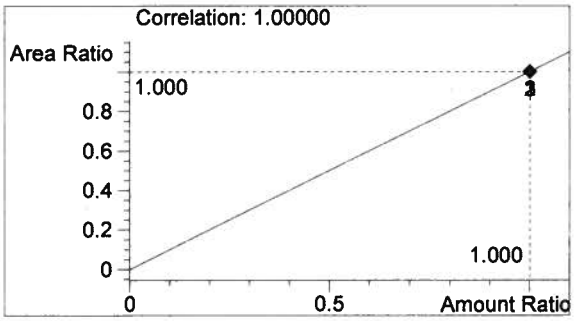
Sample Name: 0.04 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.041
2	n-Propanol	2404	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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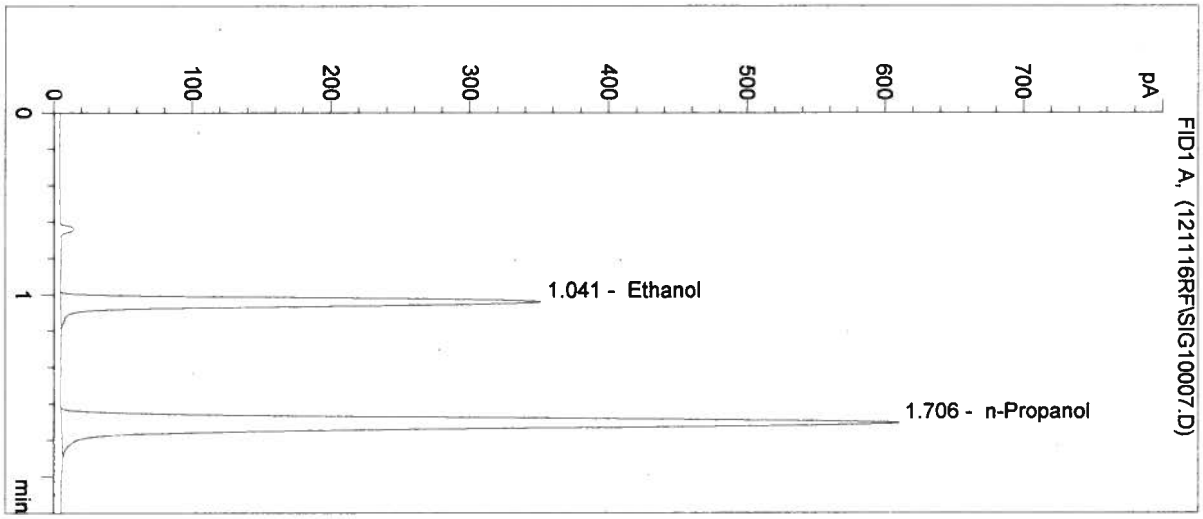
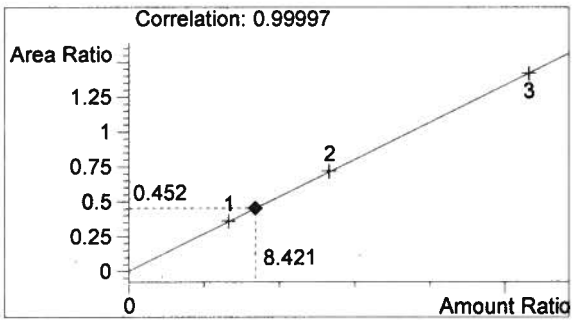
Inj. Date: 11/16/2012 2:00:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

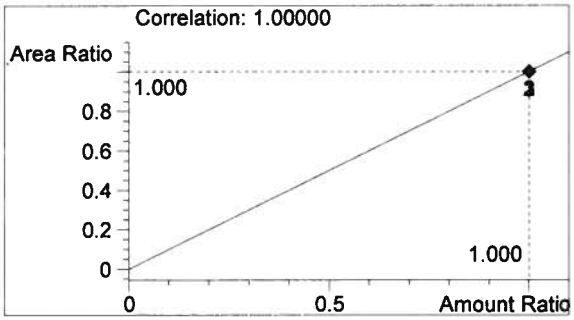
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1082	1.041
2	n-Propanol	2392	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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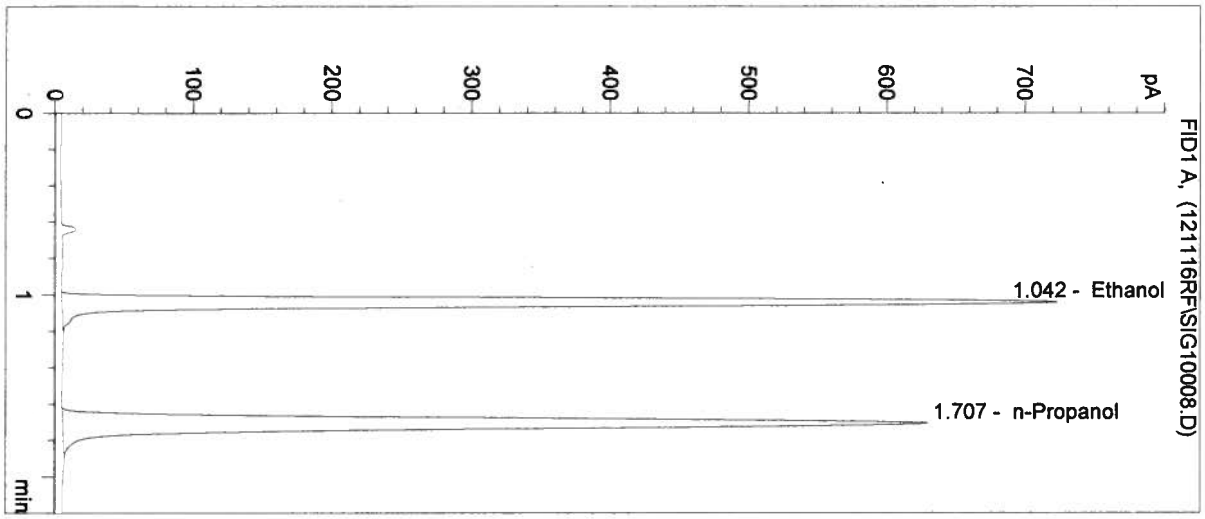
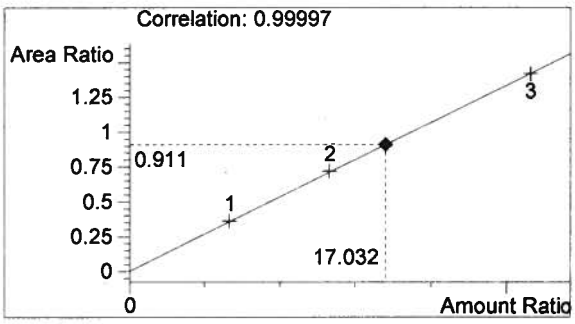
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:03:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

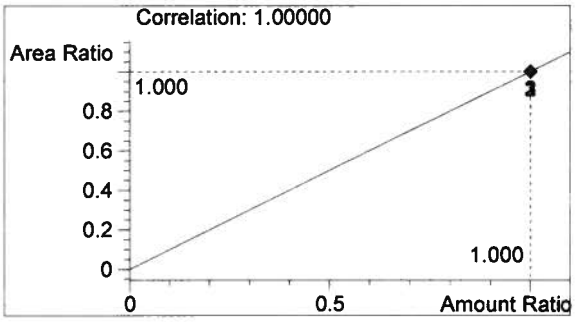
Sample Name: 0.20 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2247	1.042
2	n-Propanol	2467	1.707



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121116RF\SIG10008.D

RF

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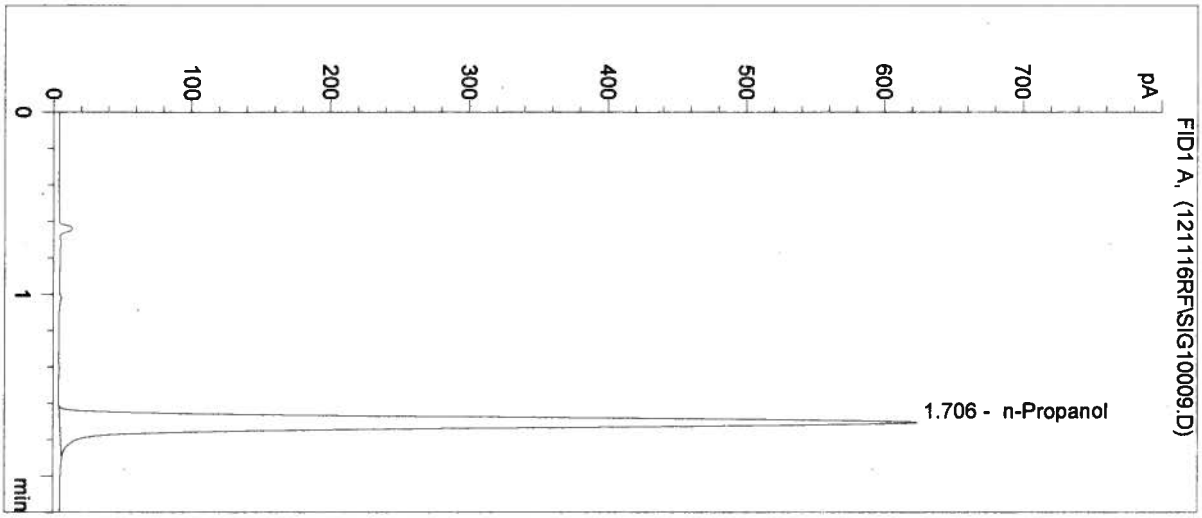
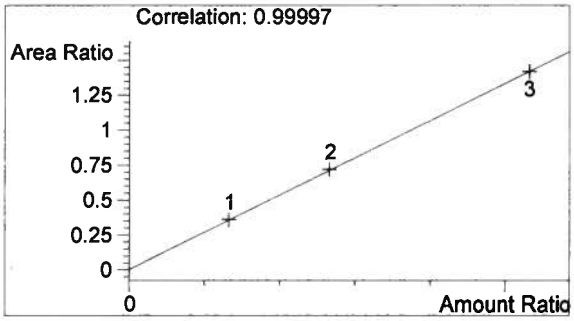
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:06:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

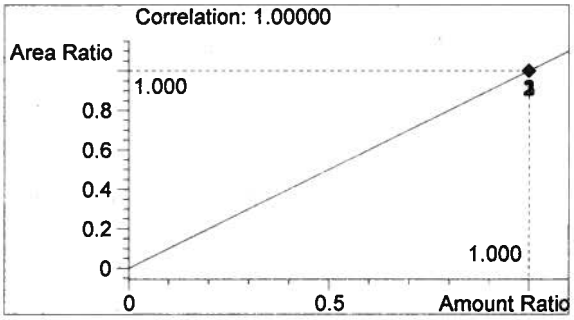
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2459	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

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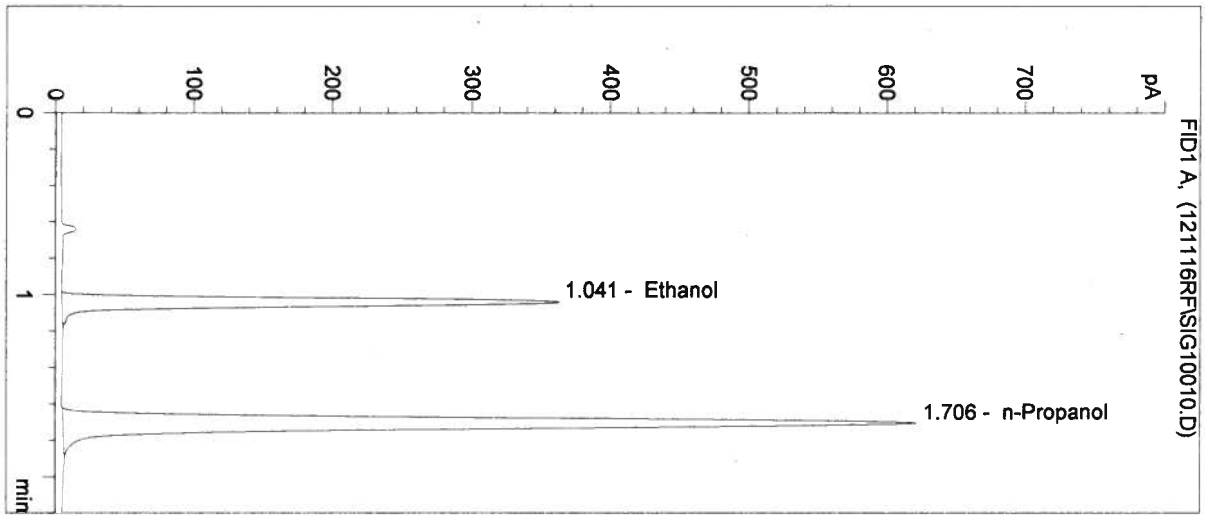
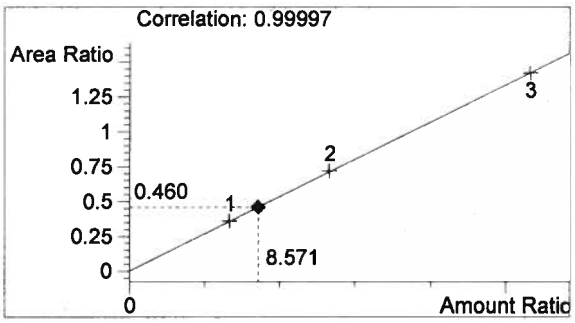
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:09:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

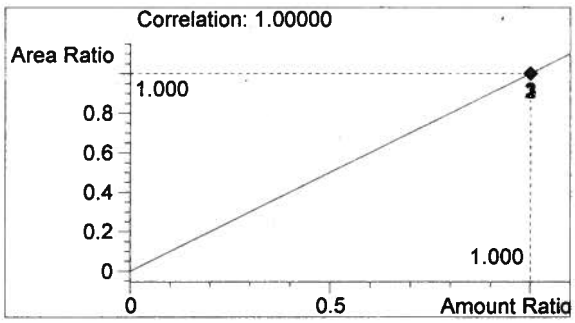
Sample Name: 12053 #1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1130	1.041
2	n-Propanol	2455	1.706



Ethanol 0.103 g/100mL



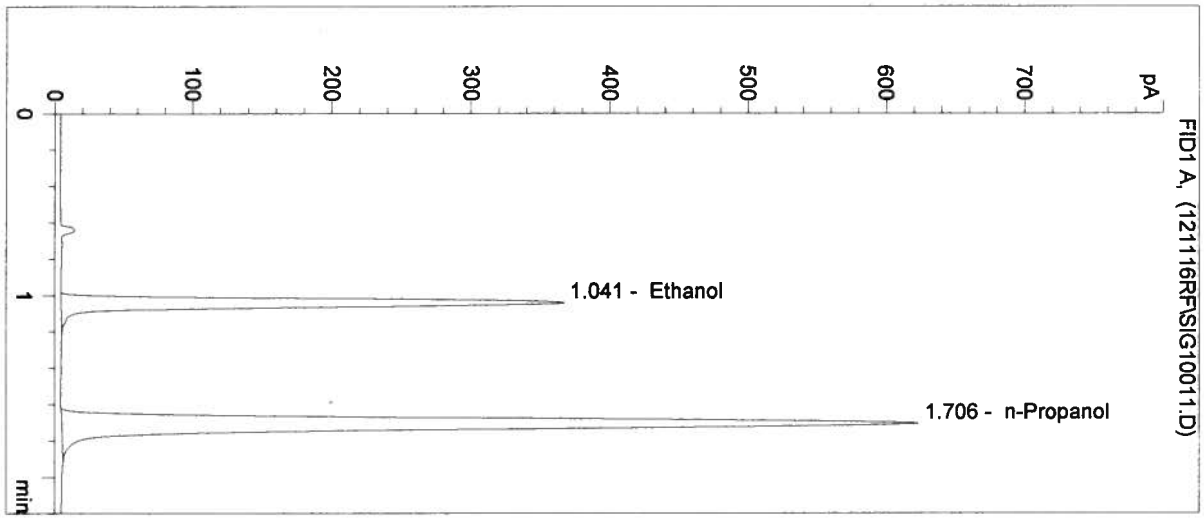
n-Propanol 0.012 g/100mL

RF

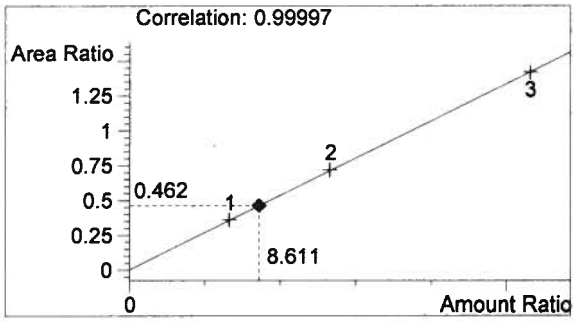
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:12:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

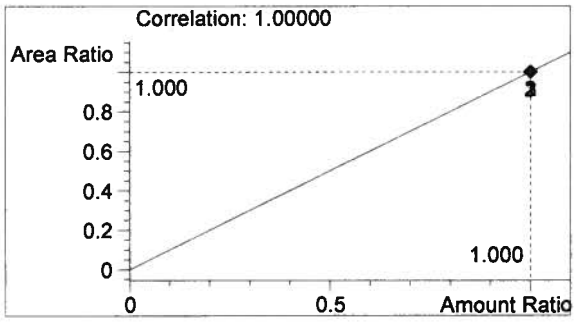
Sample Name: 12053 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.041
2	n-Propanol	2446	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

RG

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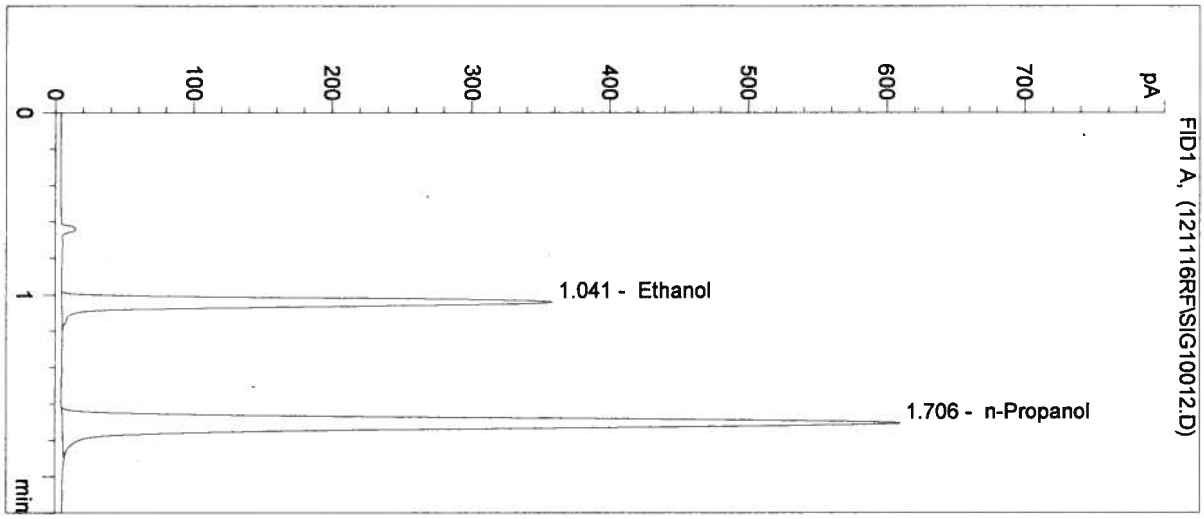
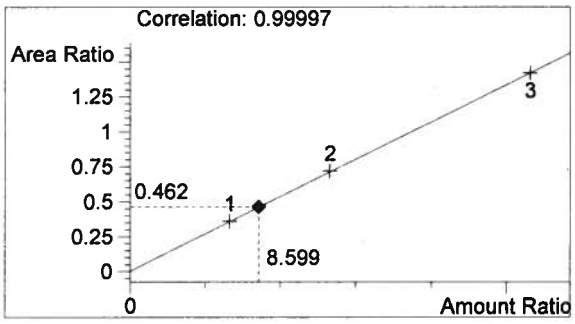
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:15:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

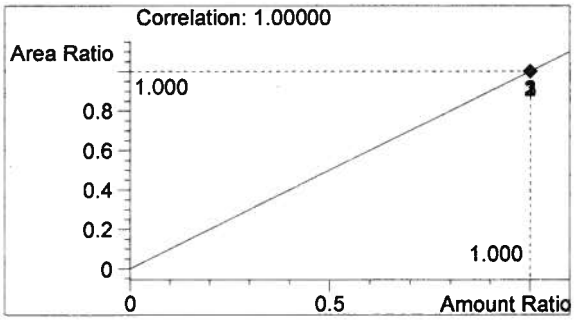
Sample Name: 12053 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.041
2	n-Propanol	2397	1.706



Ethanol 0.103 g/100mL



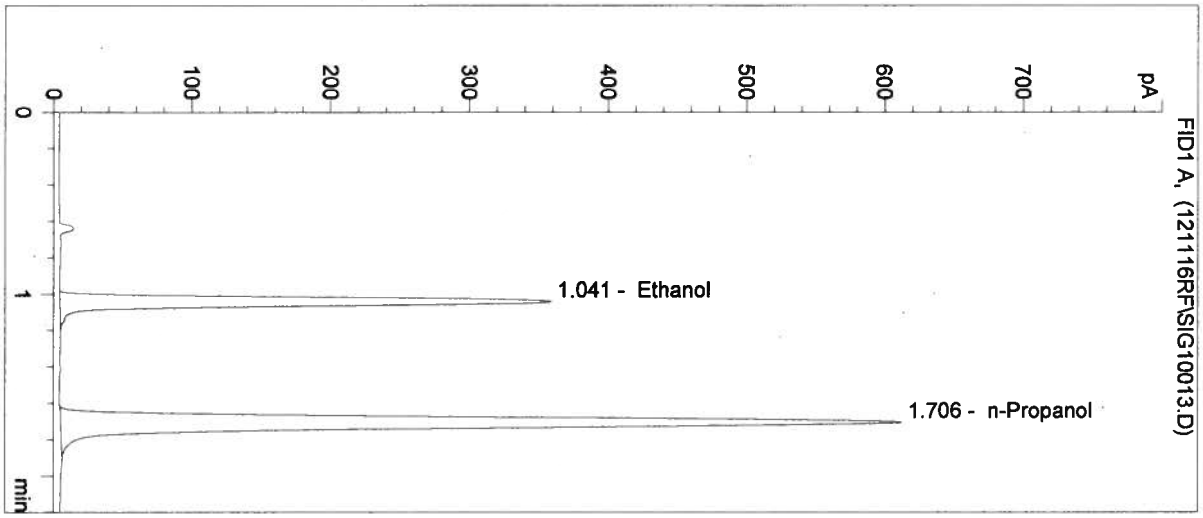
n-Propanol 0.012 g/100mL

RF

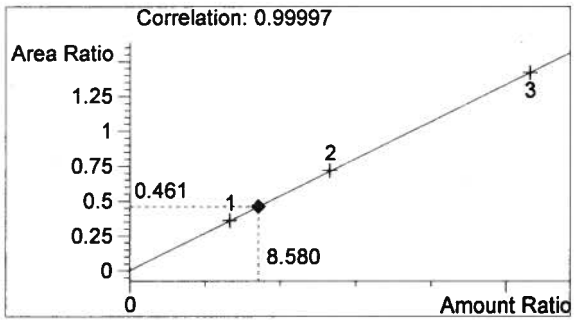
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:18:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

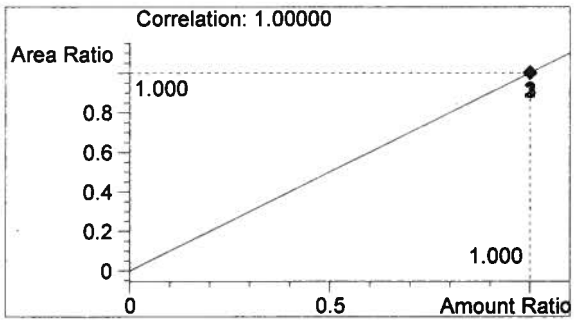
Sample Name: 12053 #4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2408	1.706



Ethanol 0.103 g/100mL



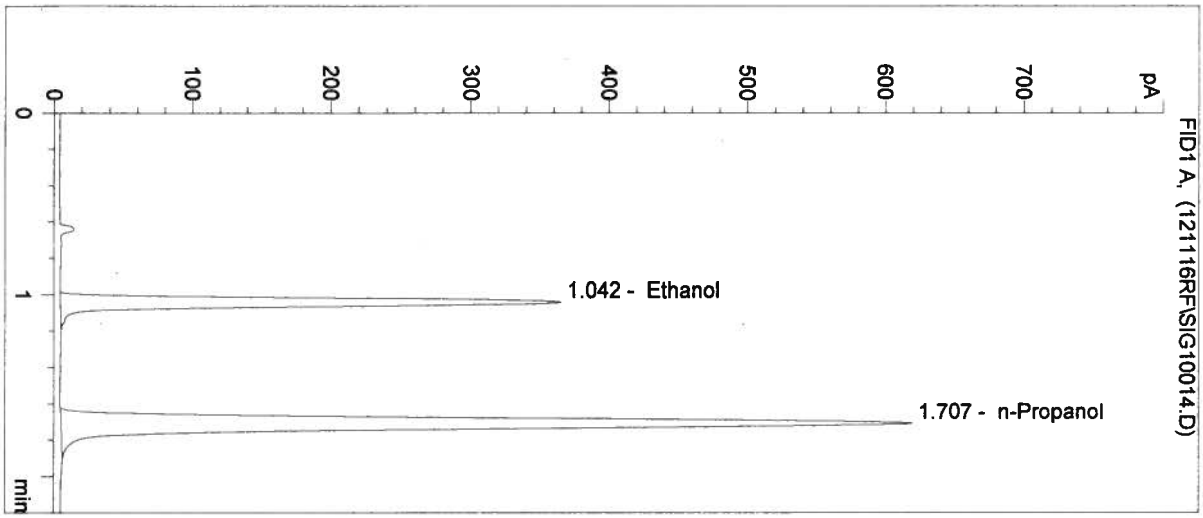
n-Propanol 0.012 g/100mL

RF

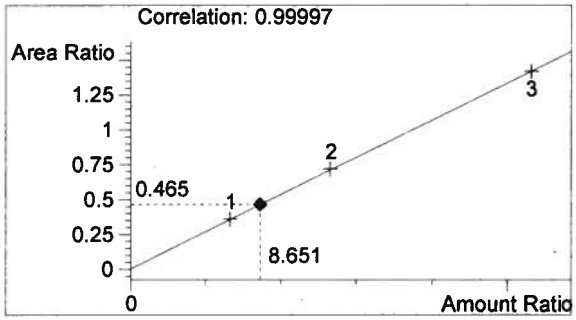
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:21:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

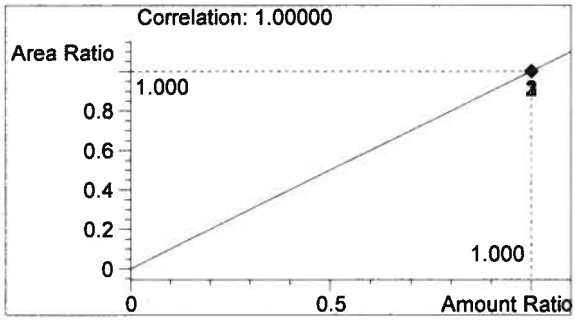
Sample Name: 12053 #5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.042
2	n-Propanol	2427	1.707



Ethanol 0.104 g/100mL



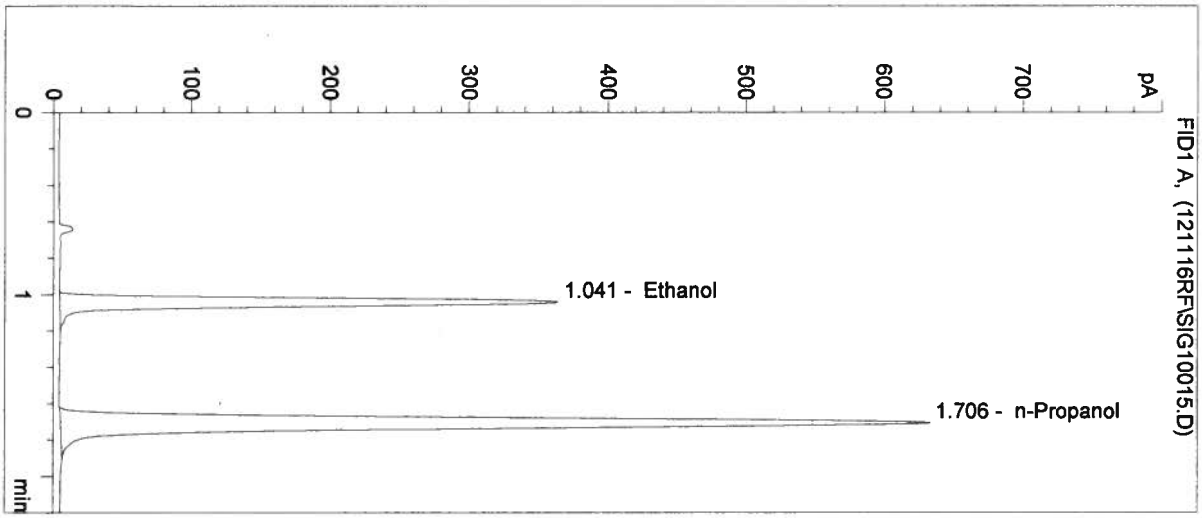
n-Propanol 0.012 g/100mL

RF

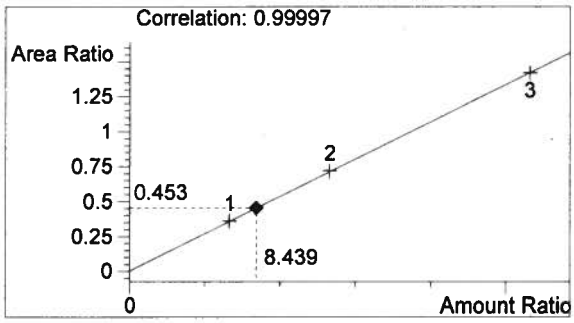
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:24:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

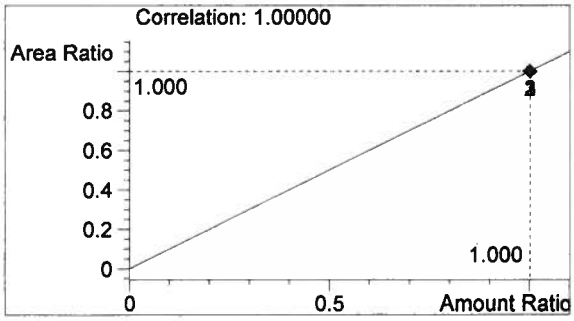
Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.041
2	n-Propanol	2481	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

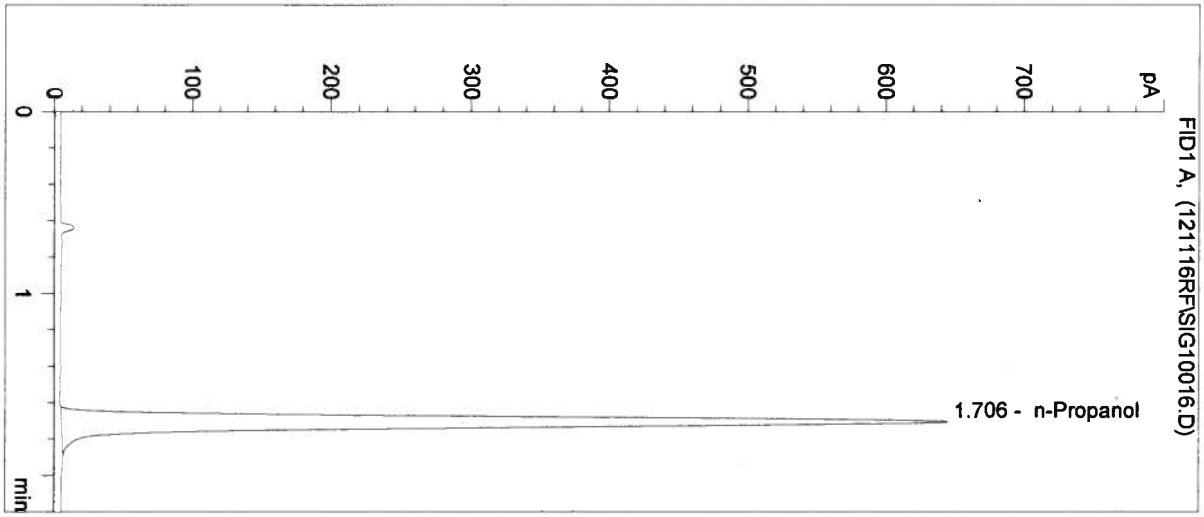
1205

RG

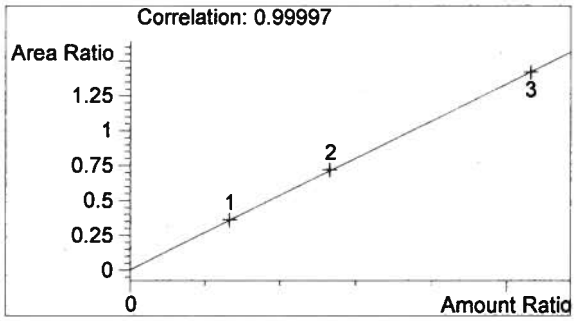
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/16/2012 2:27:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

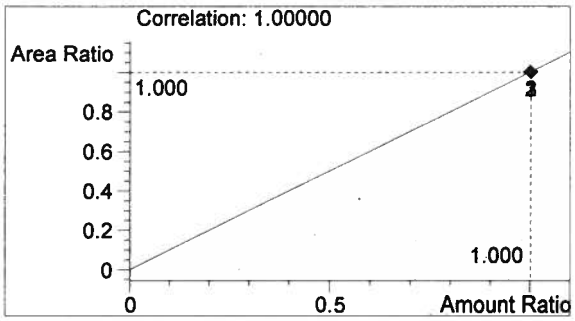
Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2530	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

RF

Sequence: C:\HPCHEM\1\SEQUENCE\JKEXTSTD.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\1\DATA\
Data Subdirectory:	121119JK
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	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053-1	SIMALC1	1	Sample		
11	Vial 11	12053-2	SIMALC1	1	Sample		
12	Vial 12	12053-3	SIMALC1	1	Sample		
13	Vial 13	12053-4	SIMALC1	1	Sample		
14	Vial 14	12053-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

JK

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

Sequence Table (Back Injector):

No entries - empty table!

12053

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

Calibration Table

Calib. Data Modified : Monday, November 19, 2012 3:32:02 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.98400e-2	903.62164	8.83556e-5	1		Ethanol
		2	1.59780e-1	1714.08533	9.32159e-5			
		3	3.19310e-1	3436.31055	9.29223e-5			
1.706	1	1	1.20000e-2	2470.20581	4.85789e-6	I1		n-Propanol
		2	1.20000e-2	2400.73804	4.99846e-6			
		3	1.20000e-2	2417.29346	4.96423e-6			

Peak Sum Table

No Entries in table

12053

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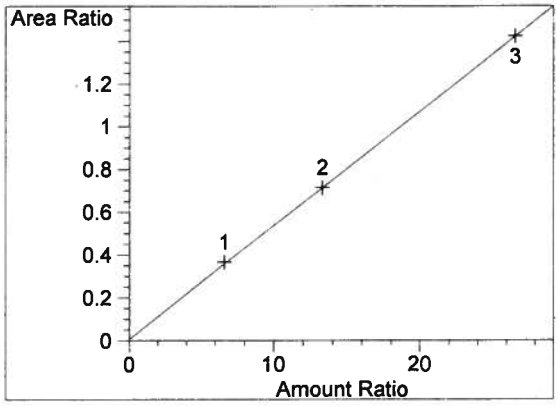
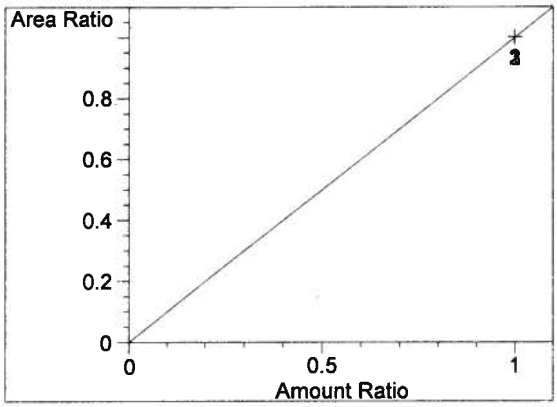
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00576
Formula: y = mx + b
m: 5.33013e-2
b: 4.67591e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

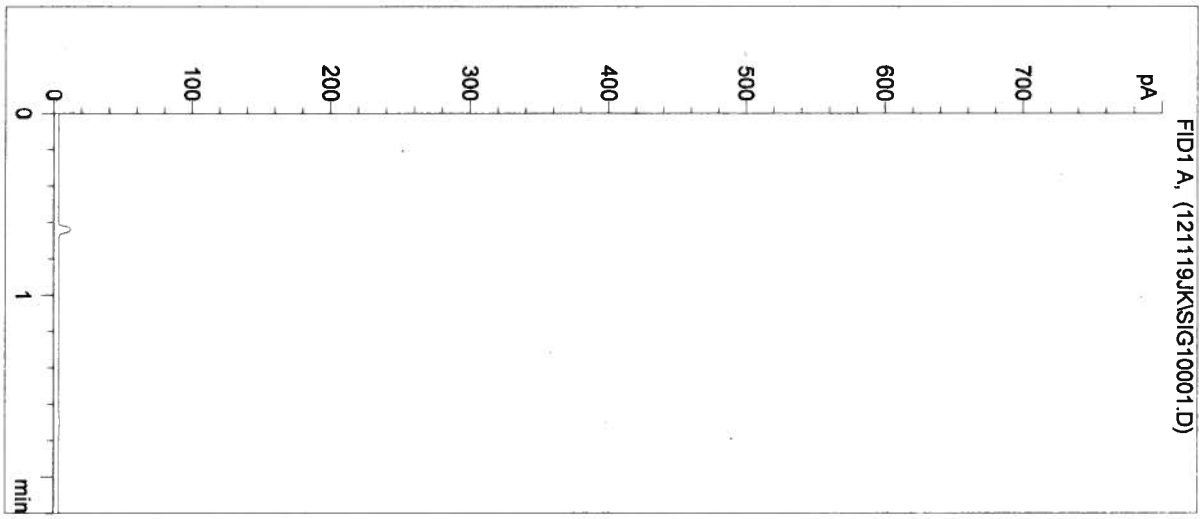
==========

12053

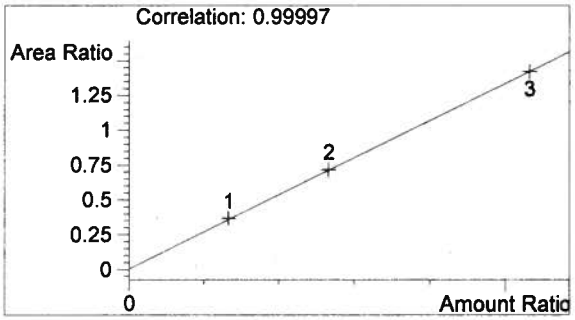
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:20:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

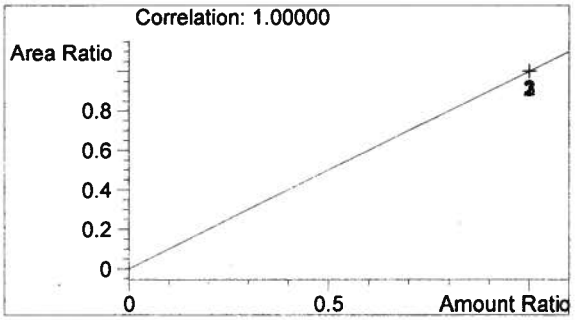
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

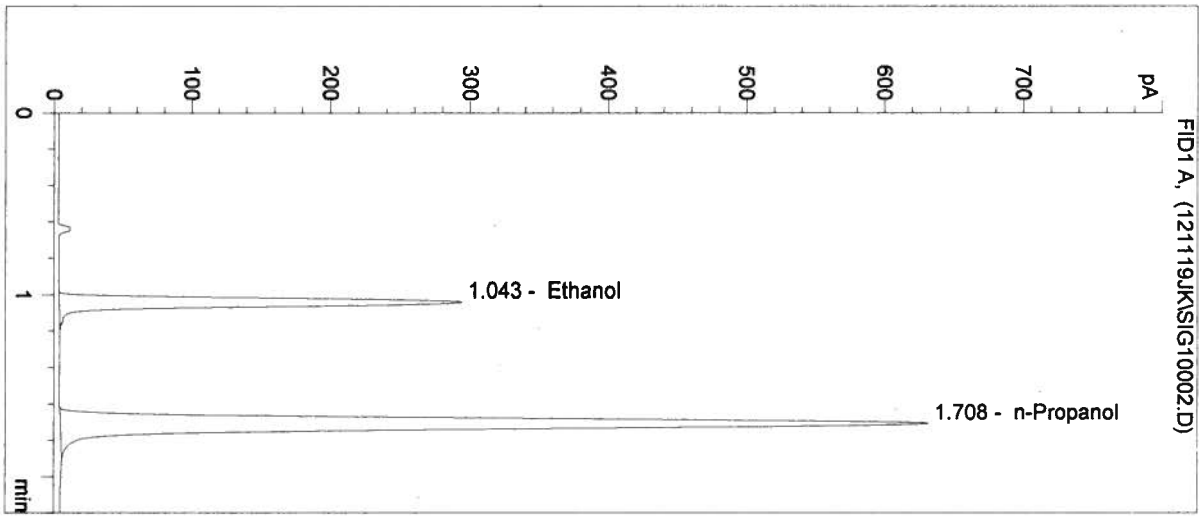
12053

Data File: C:\HPCHEM\1\DATA\121119JK\SIG10001.D

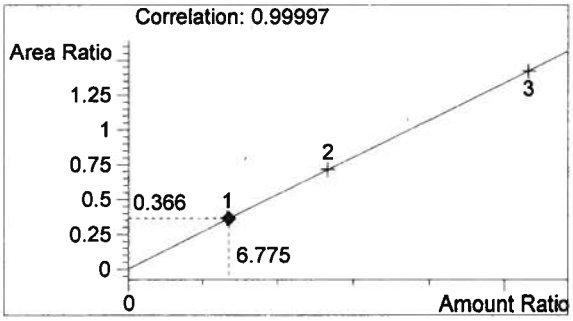
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:23:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-01 - (0.079g/100mL)

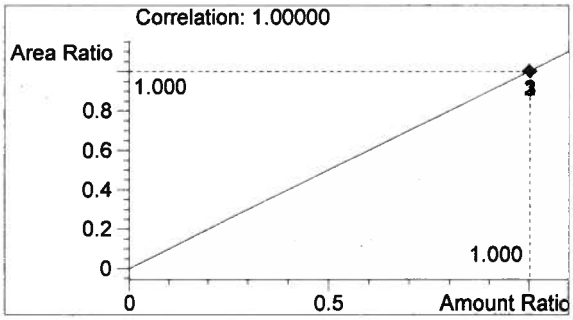
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	904	1.043
2	n-Propanol	2470	1.708



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

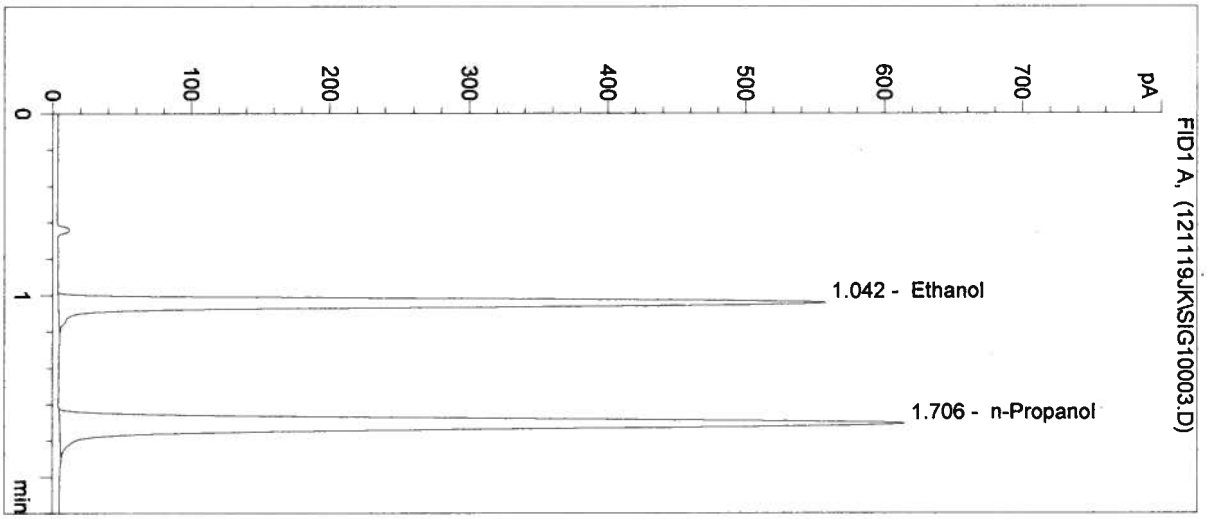
12053

JK

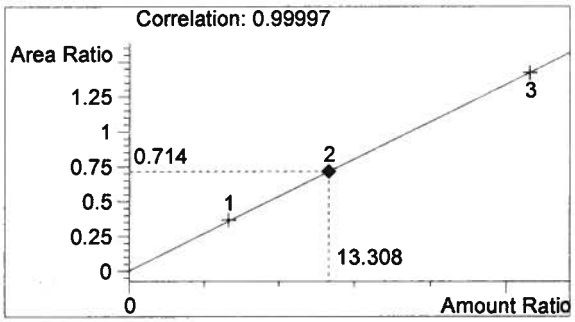
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:26:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-02 - (0.158g/100mL)

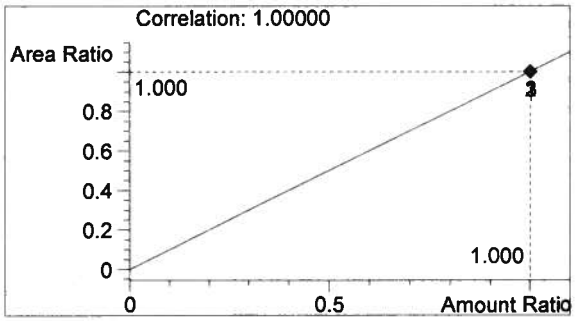
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1714	1.042
2	n-Propanol	2401	1.706



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

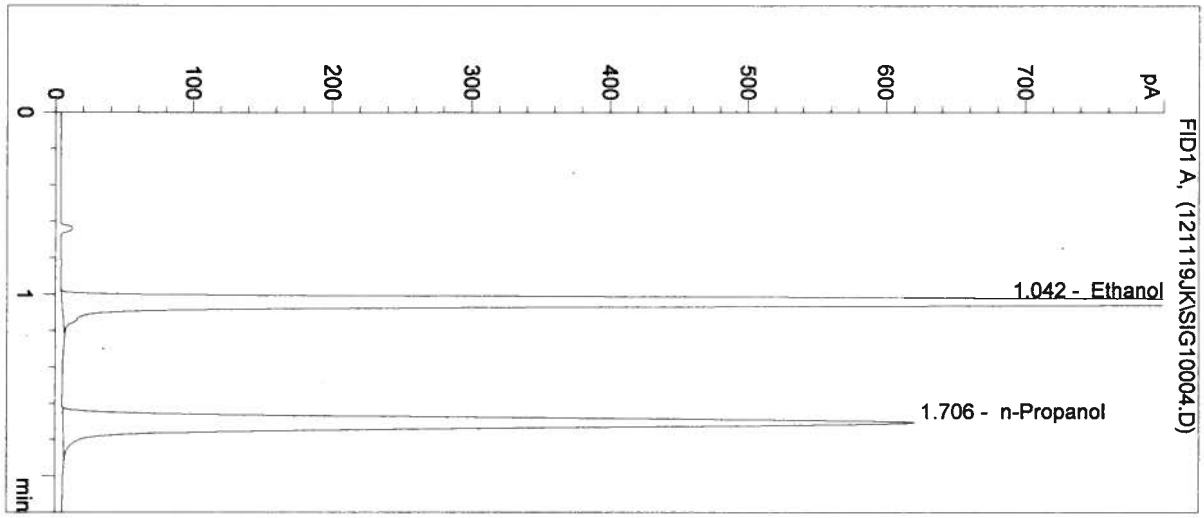
12053

Data File: C:\HPCHEM\1\DATA\121119JK\SIG10003.D

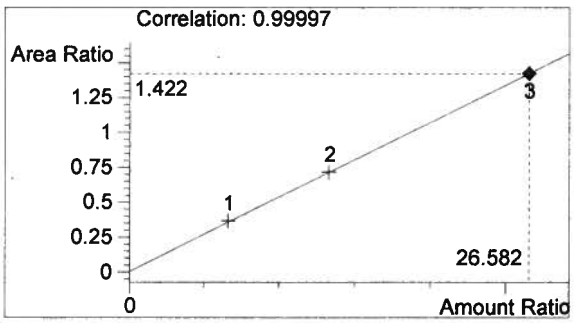
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:29:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-03 - (0.316g/100mL)

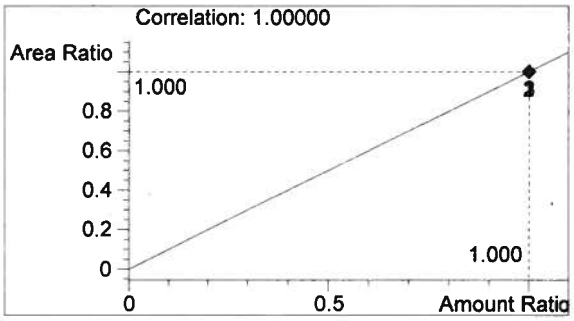
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3436	1.042
2	n-Propanol	2417	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

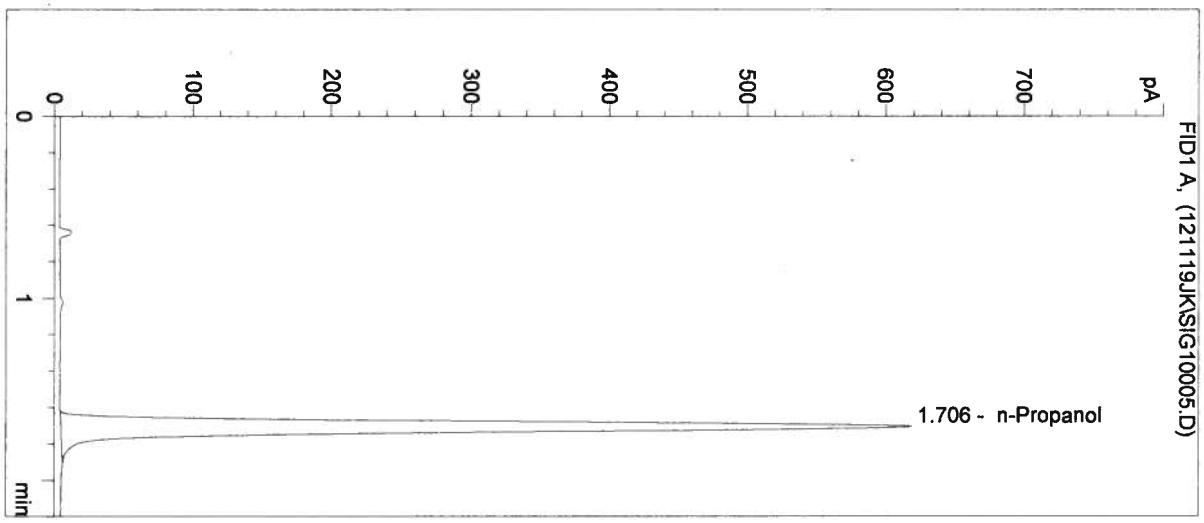
12053

Data File: C:\HPCHEM\1\DATA\121119JK\SIG10004.D

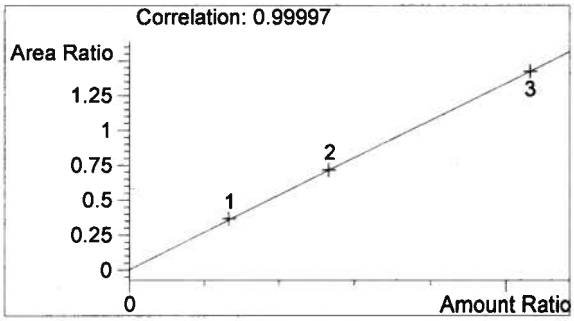
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:32:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

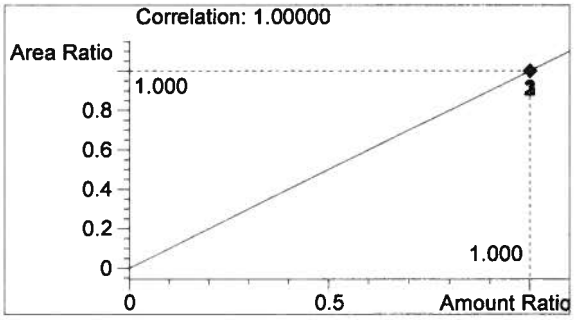
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2416	1.706



Ethanol 0.000 g/100mL



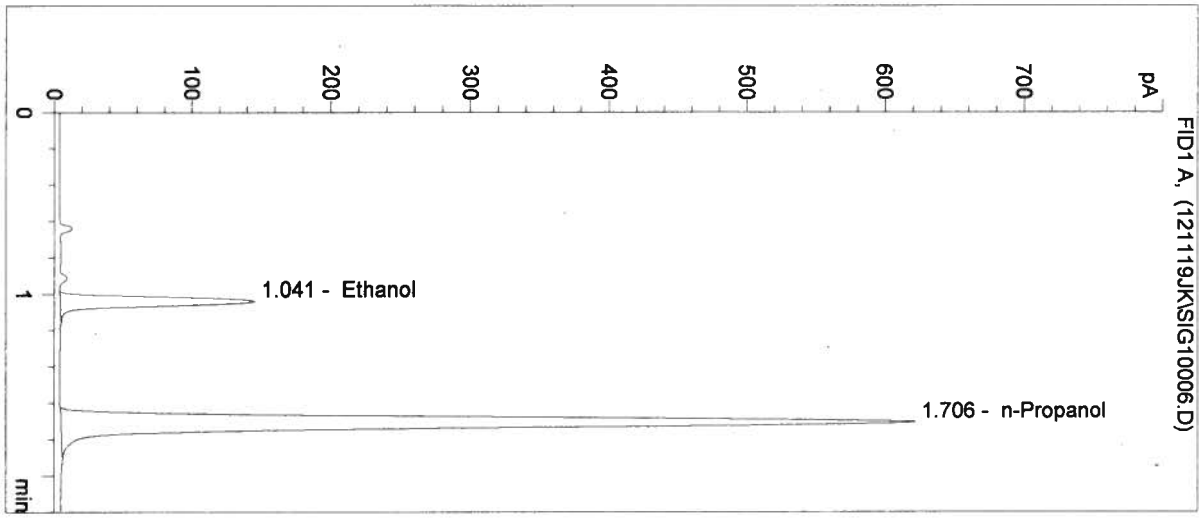
n-Propanol 0.012 g/100mL

12053

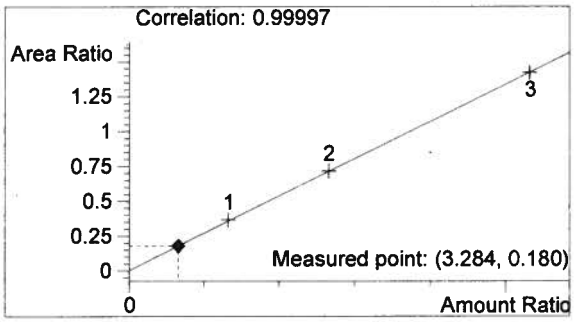
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:35:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

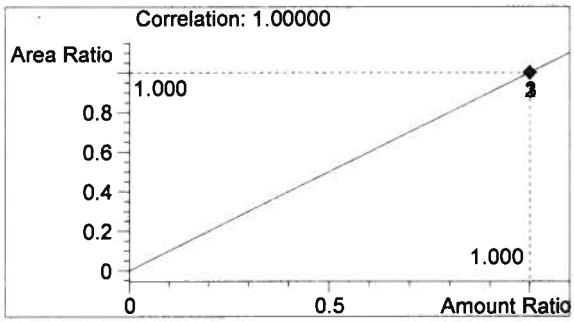
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	437	1.041
2	n-Propanol	2429	1.706



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

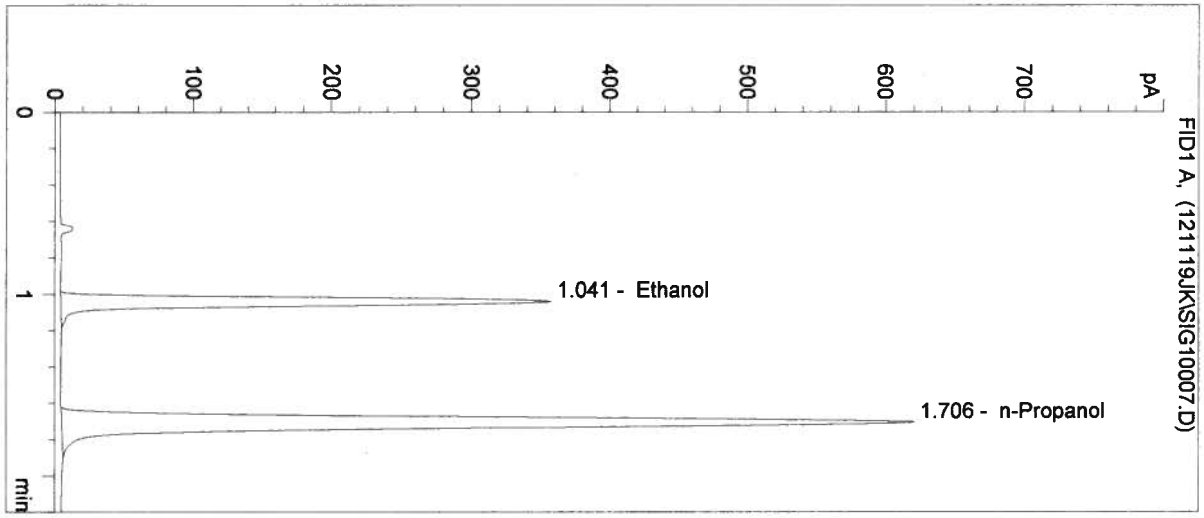
12053

Data File: C:\HPCHEM\1\DATA\121119JK\SIG10006.D

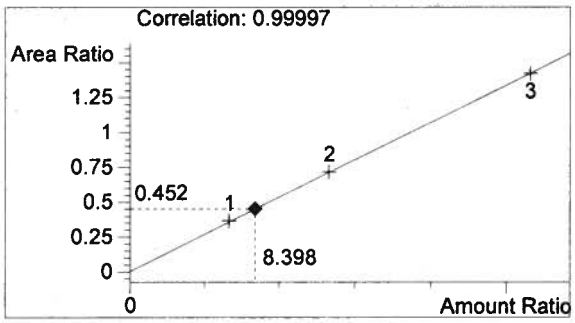
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:39:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

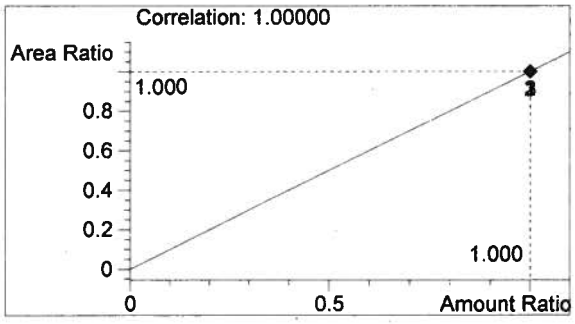
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.041
2	n-Propanol	2428	1.706



Ethanol 0.101 g/100mL



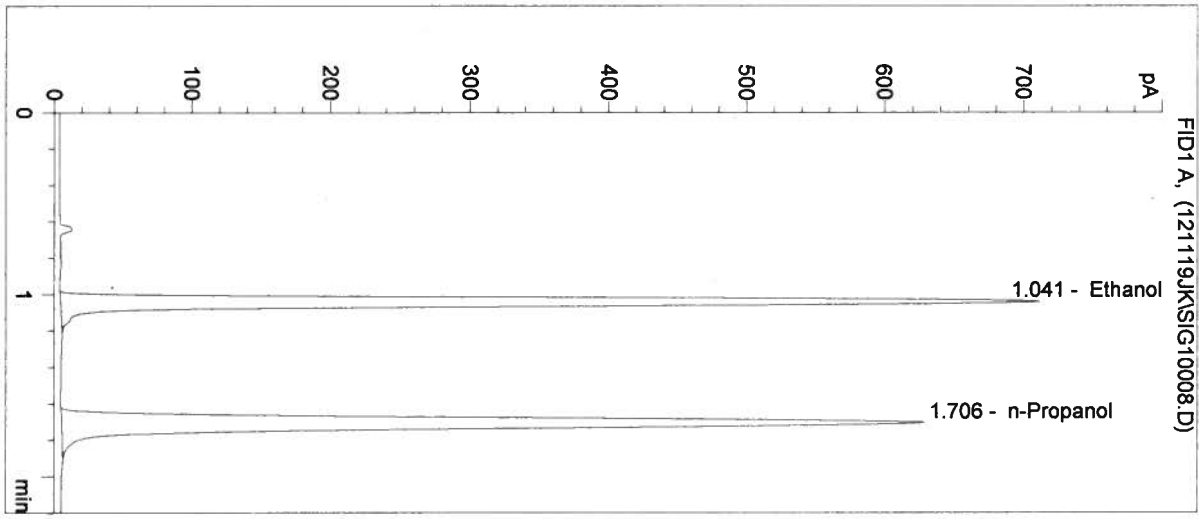
n-Propanol 0.012 g/100mL

12053

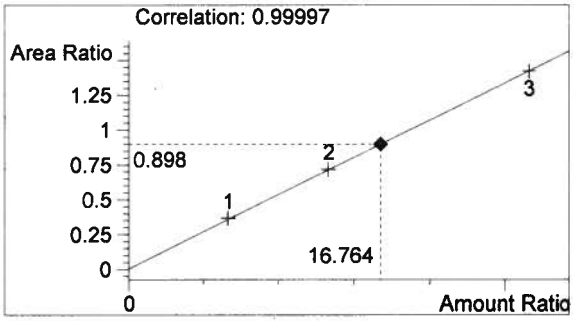
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:42:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

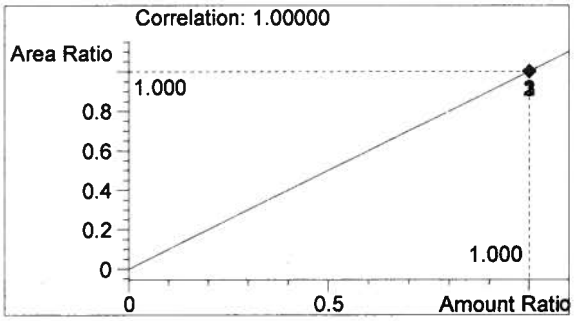
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2214	1.041
2	n-Propanol	2464	1.706



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

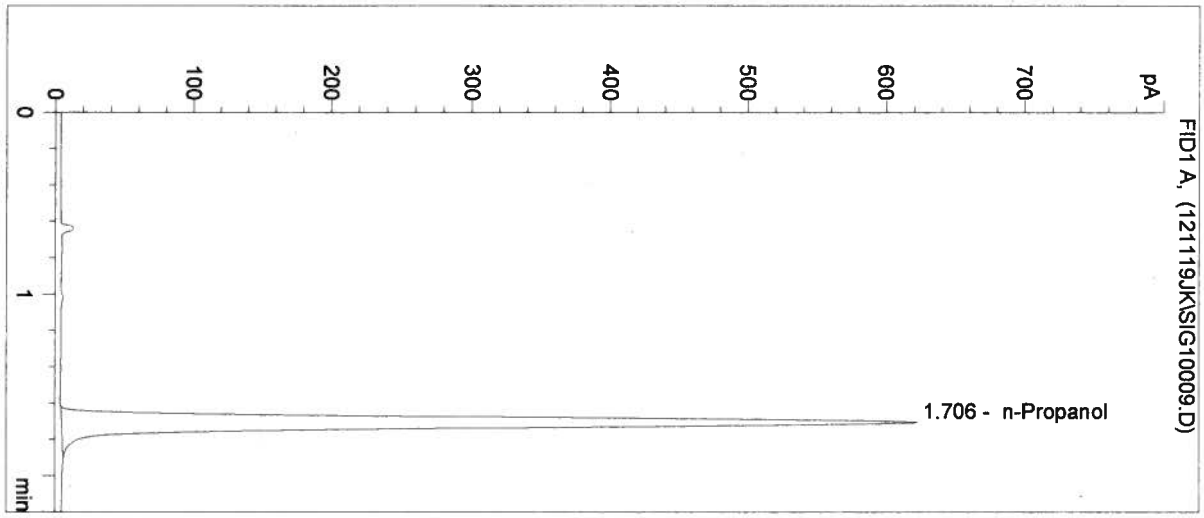
12053

Data File: C:\HPCHEM\1\DATA\121119JK\SIG10008.D

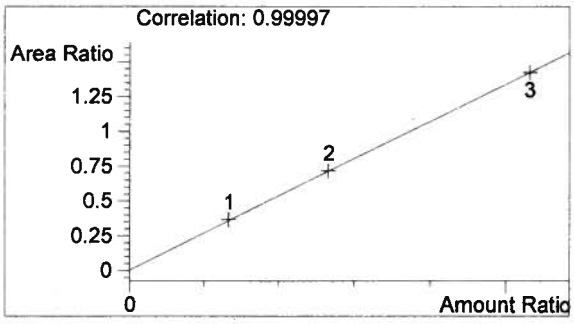
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:45:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

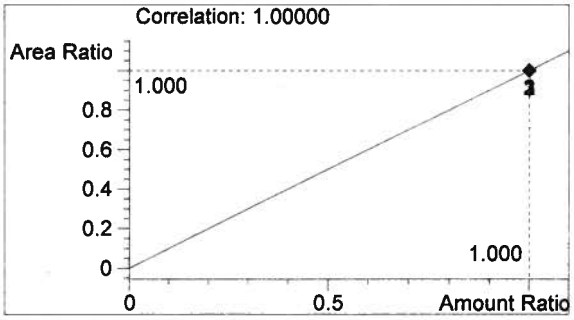
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.706



Ethanol 0.000 g/100mL



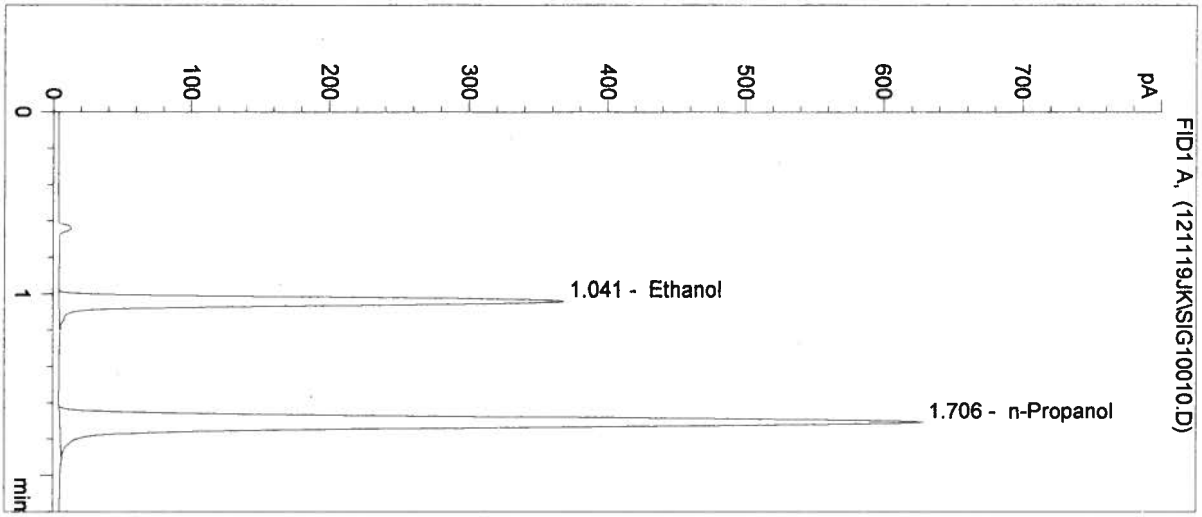
n-Propanol 0.012 g/100mL

12053

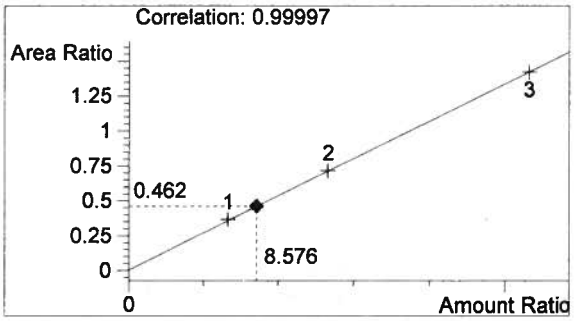
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:48:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

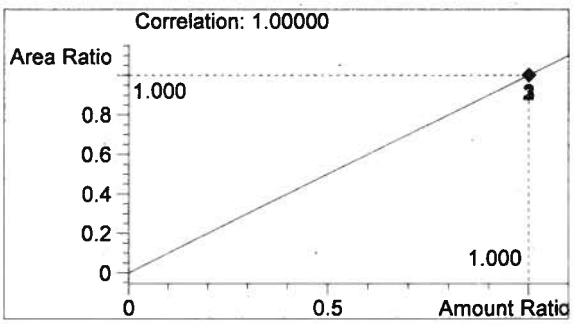
Sample Name: 12053-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1139	1.041
2	n-Propanol	2467	1.706



Ethanol 0.103 g/100mL

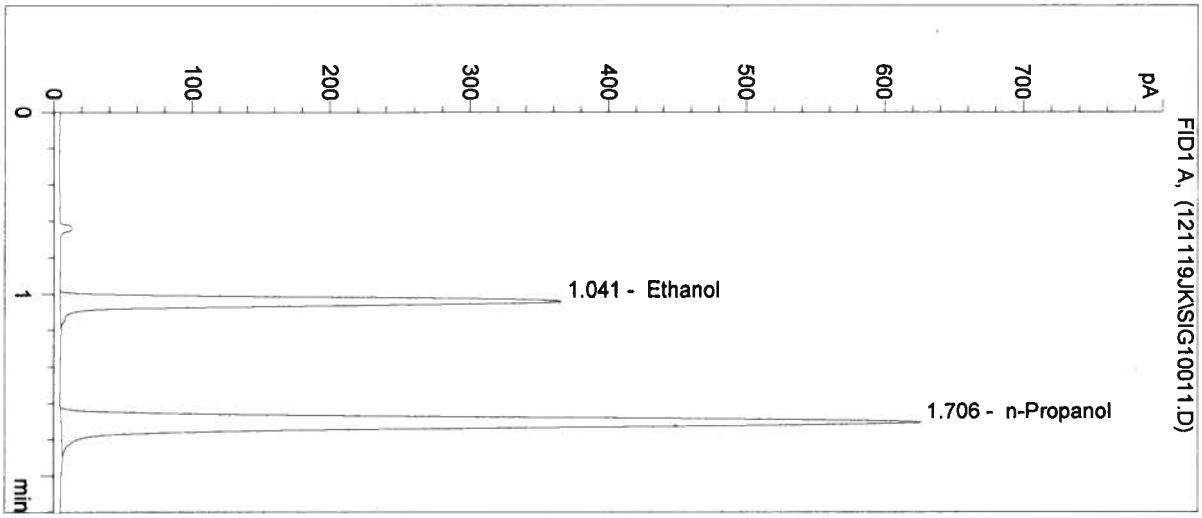


n-Propanol 0.012 g/100mL

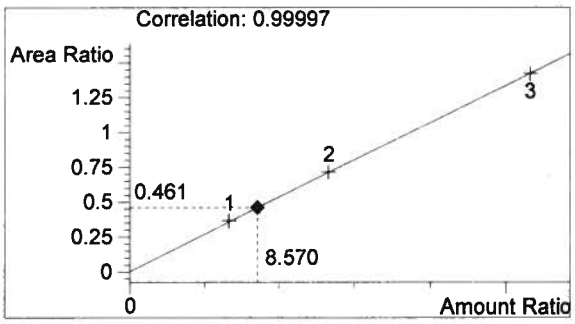
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:51:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

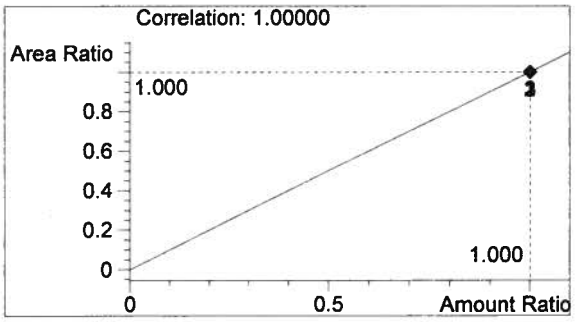
Sample Name: 12053-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.041
2	n-Propanol	2458	1.706



Ethanol 0.103 g/100mL

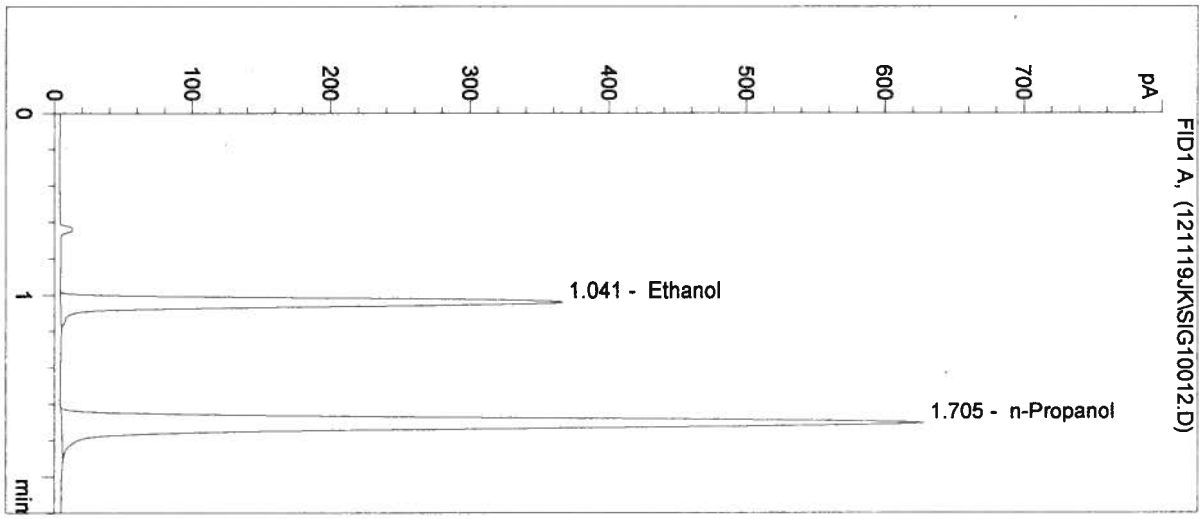


n-Propanol 0.012 g/100mL

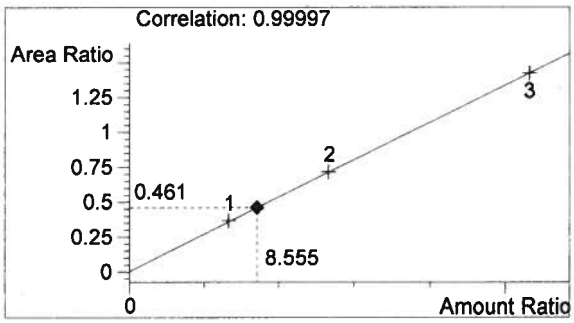
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:54:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

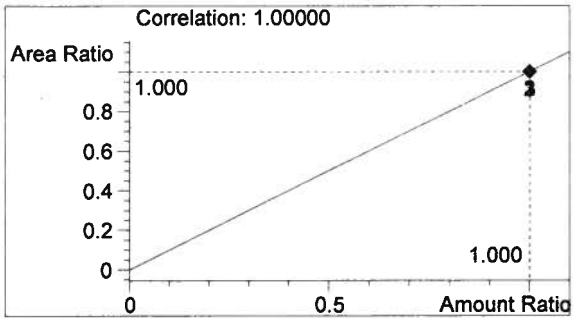
Sample Name: 12053-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1139	1.041
2	n-Propanol	2473	1.705



Ethanol 0.103 g/100mL

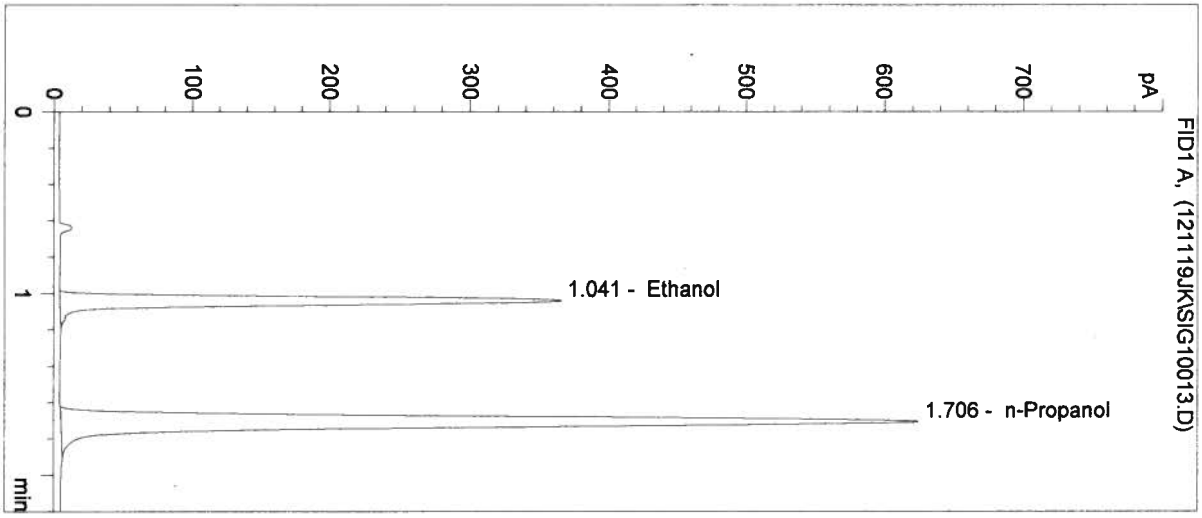


n-Propanol 0.012 g/100mL

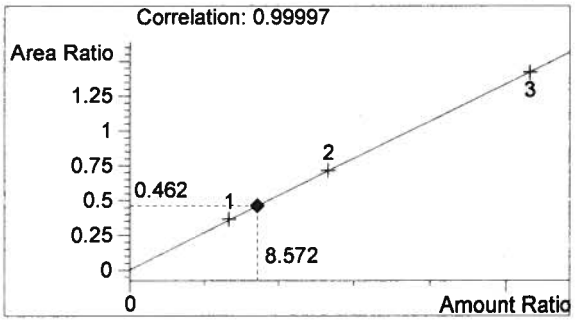
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 3:57:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

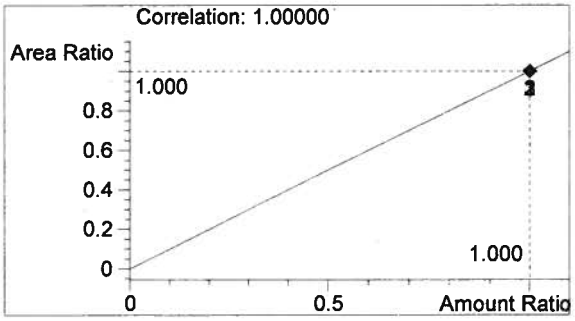
Sample Name: 12053-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.041
2	n-Propanol	2454	1.706



Ethanol 0.103 g/100mL

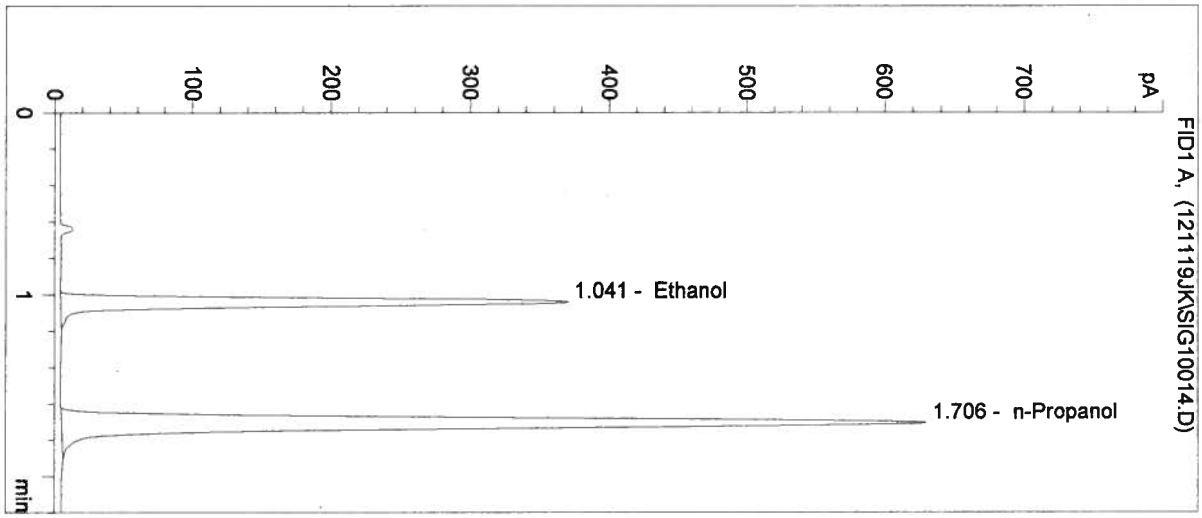


n-Propanol 0.012 g/100mL

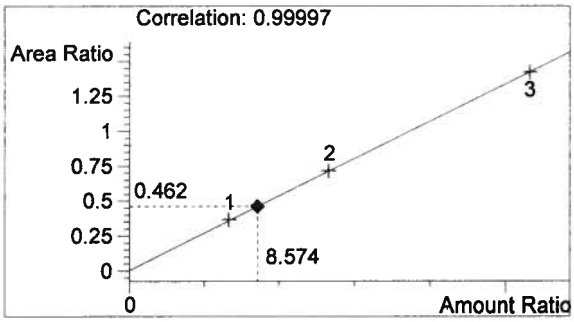
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 4:00:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

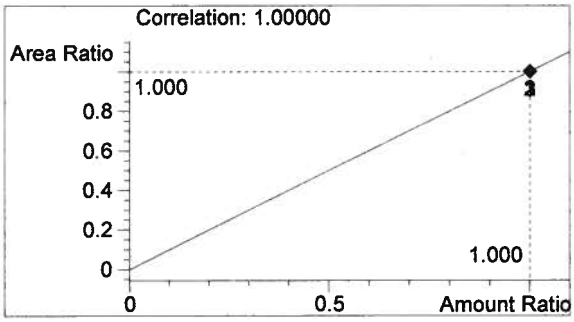
Sample Name: 12053-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.041
2	n-Propanol	2472	1.706



Ethanol 0.103 g/100mL

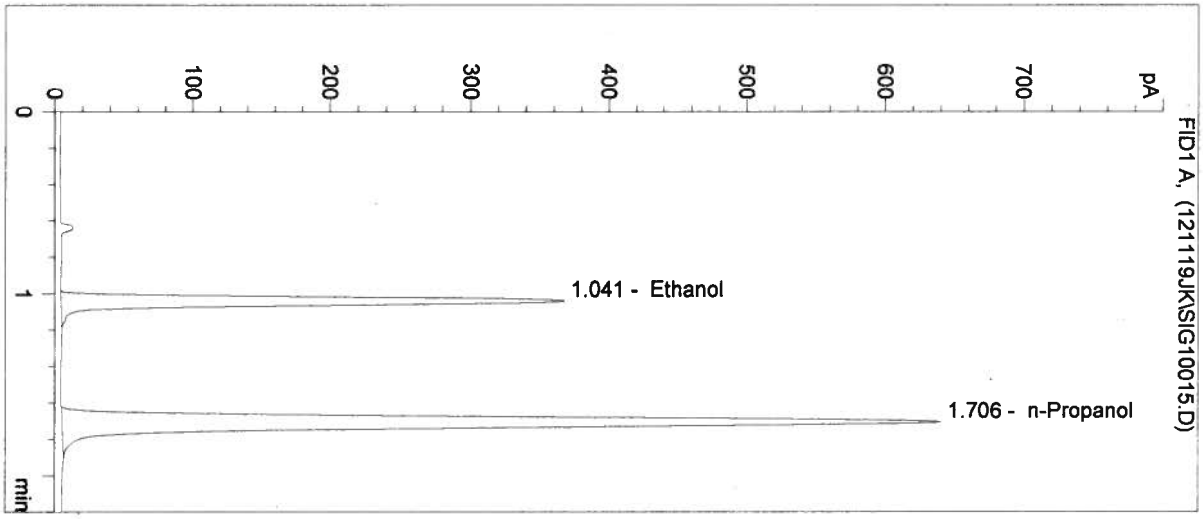


n-Propanol 0.012 g/100mL

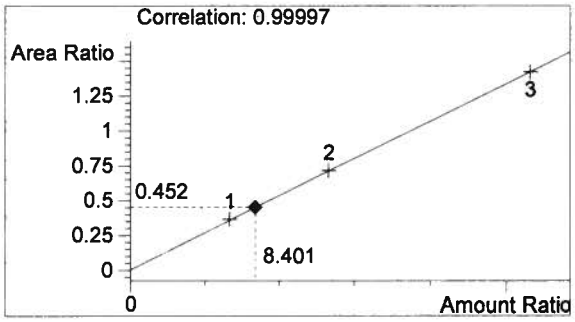
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 4:03:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

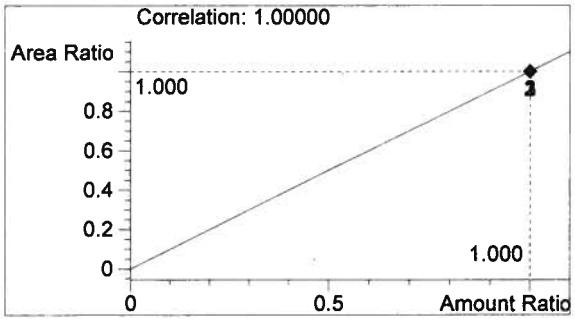
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.041
2	n-Propanol	2513	1.706



Ethanol 0.101 g/100mL



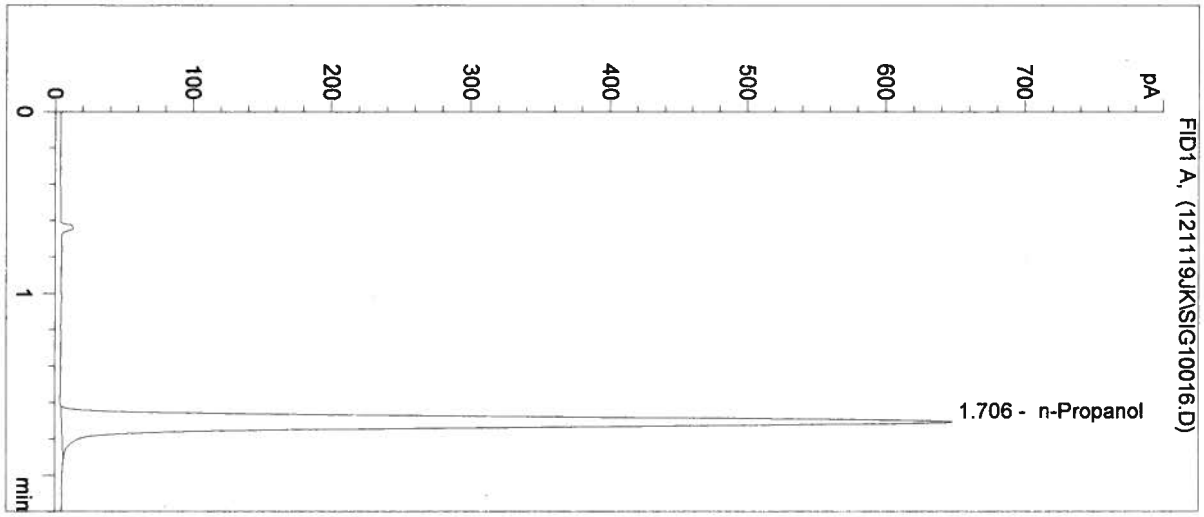
n-Propanol 0.012 g/100mL

12053

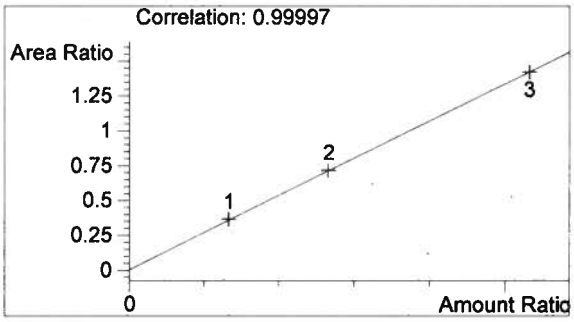
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2012 4:06:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

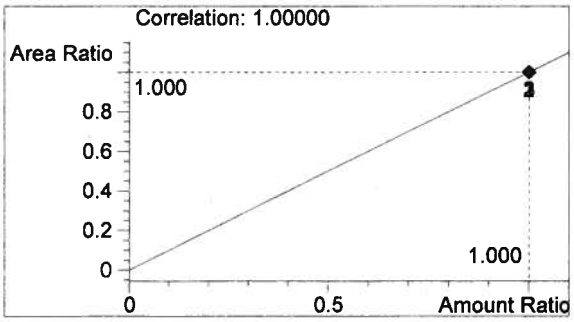
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2542	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121205AL
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 p1012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053 #1	SIMALC1	1	Sample		
11	Vial 11	12053 #2	SIMALC1	1	Sample		
12	Vial 12	12053 #3	SIMALC1	1	Sample		
13	Vial 13	12053 #4	SIMALC1	1	Sample		
14	Vial 14	12053 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

12053

DATA 121205AC
ESS 12053

Calibration Table

Calib. Data Modified : Wednesday, December 05, 2012 12:01:43 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.98400e-2	885.54962	9.01587e-5	1		Ethanol
		2	1.59780e-1	1737.36475	9.19669e-5			
		3	3.19310e-1	3317.70508	9.62442e-5			
1.706	1	1	1.20000e-2	2439.25415	4.91954e-6	I1		n-Propanol
		2	1.20000e-2	2439.40405	4.91923e-6			
		3	1.20000e-2	2371.90088	5.05923e-6			

Peak Sum Table

12053

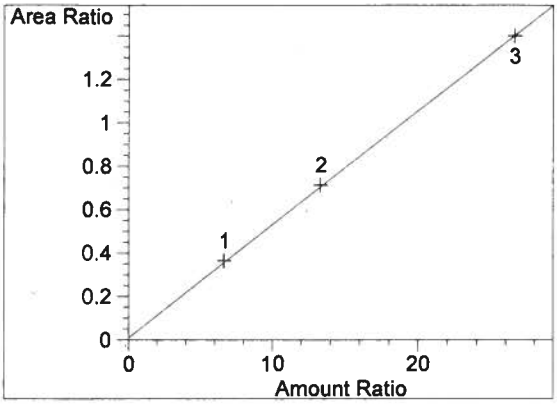
No Entries in table

DATA 121205A
ESS 12053

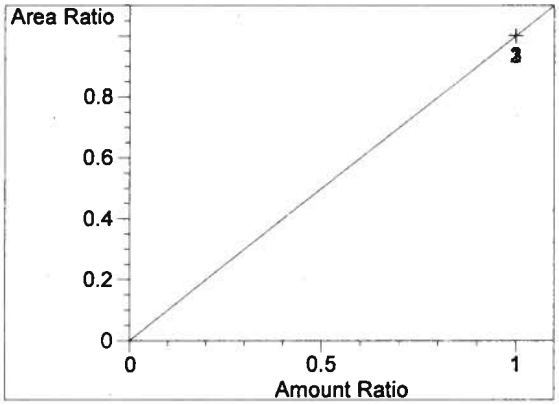
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00891
Formula: y = mx + b
m: 5.24482e-2
b: 7.77423e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

DATA 121205 AL
EB 12053

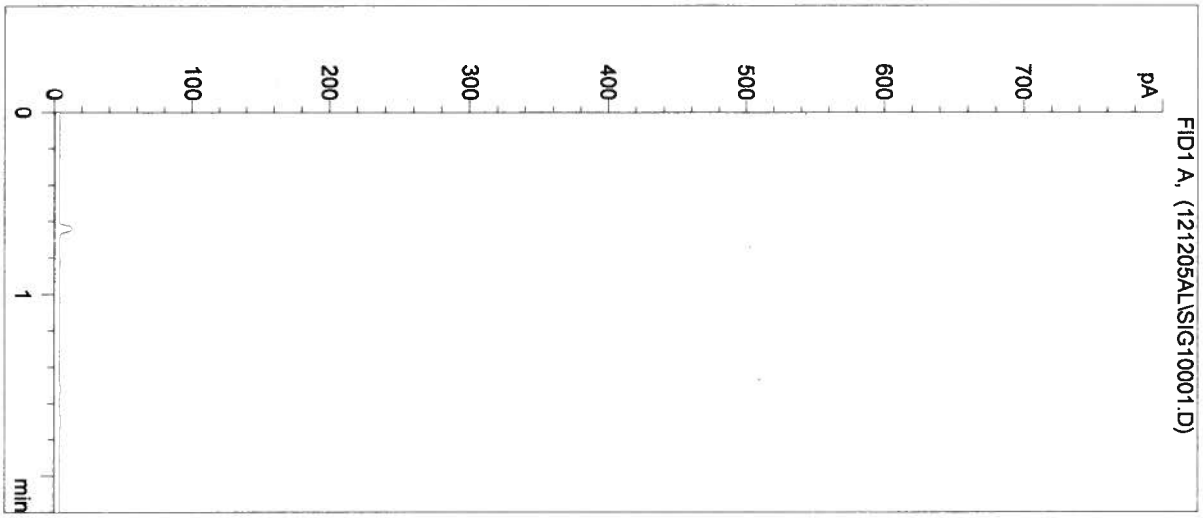
12053

AL

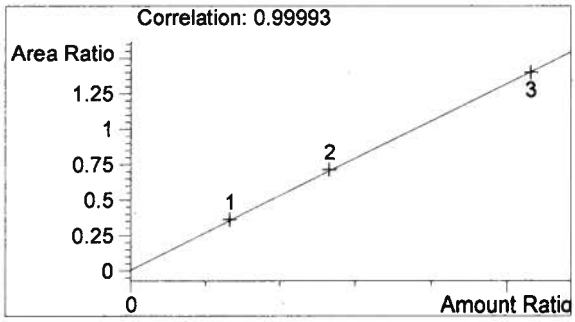
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 11:50:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

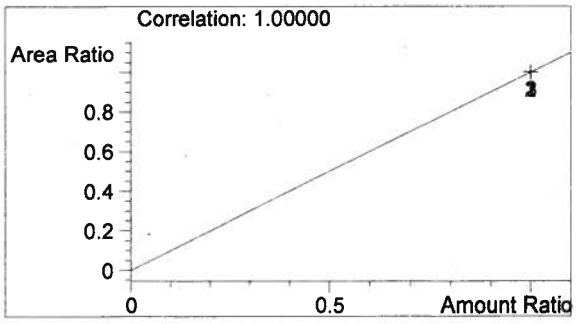
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

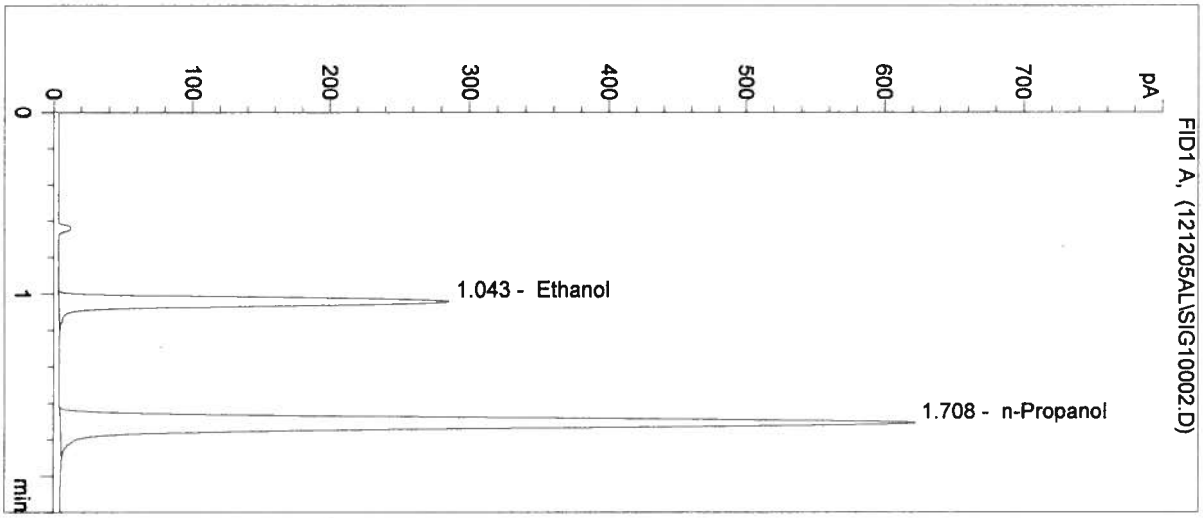
ESS 12053
NL

1.2053

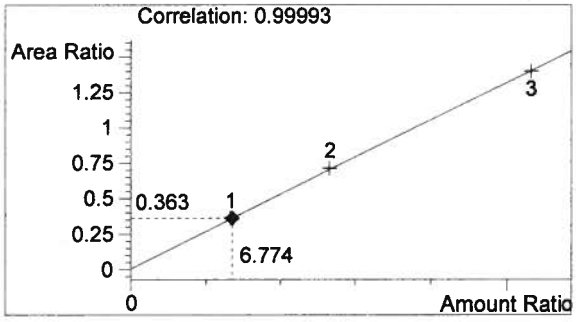
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 11:53:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

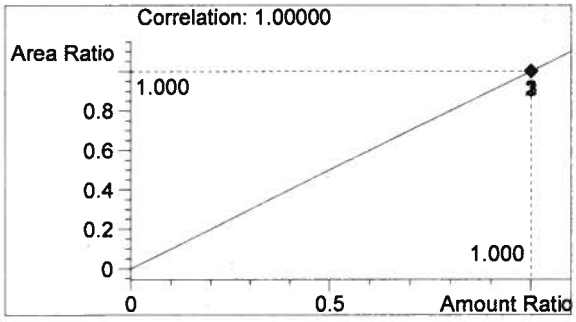
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	886	1.043
2	n-Propanol	2439	1.708



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

EH 12053

12053

AL

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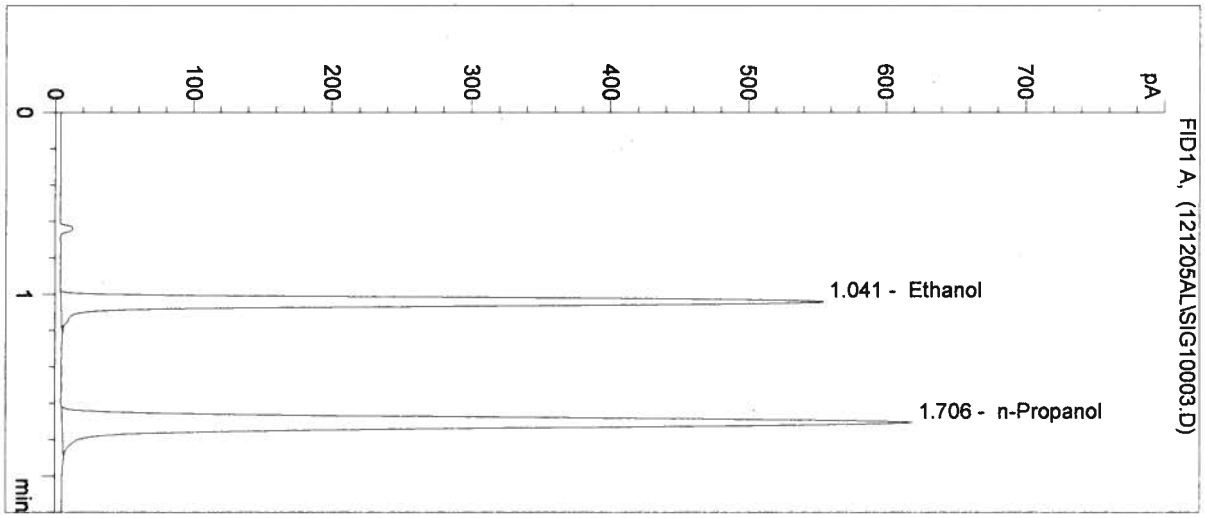
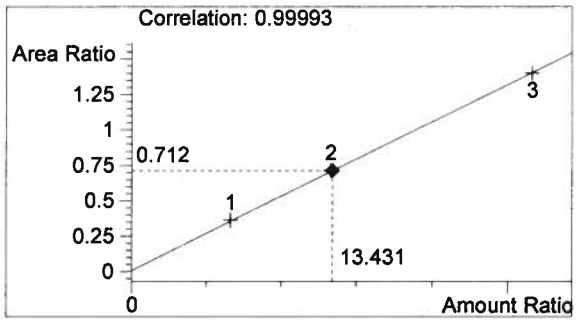
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 11:56:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

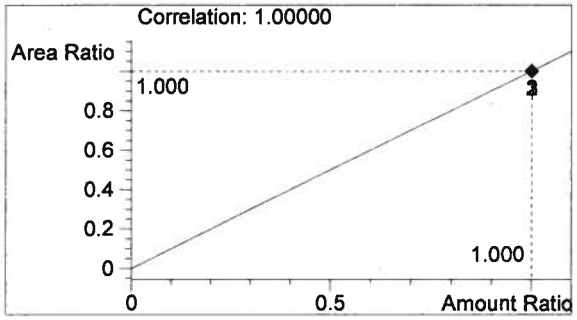
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1737	1.041
2	n-Propanol	2439	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

12053

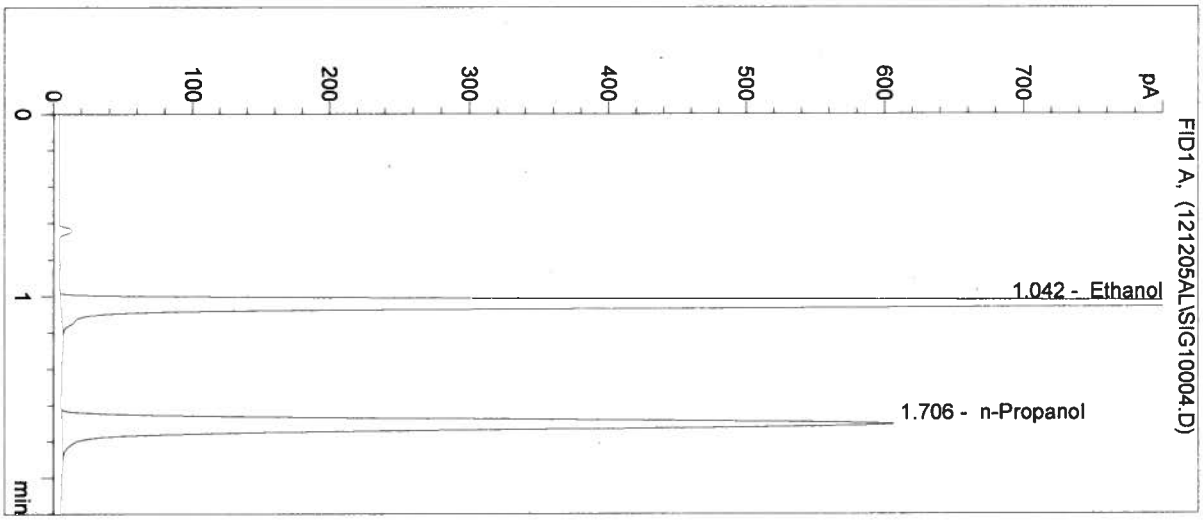
12053

DL

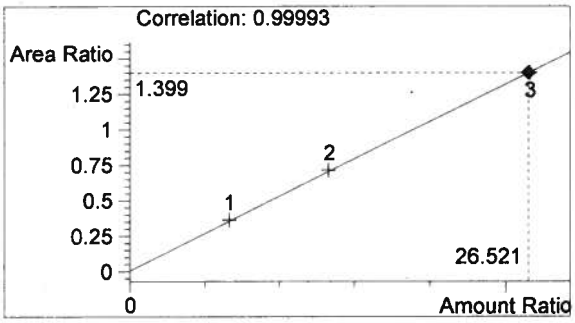
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 11:59:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

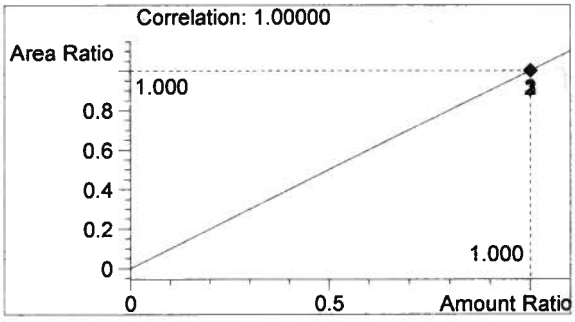
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3318	1.042
2	n-Propanol	2372	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

BS 12053

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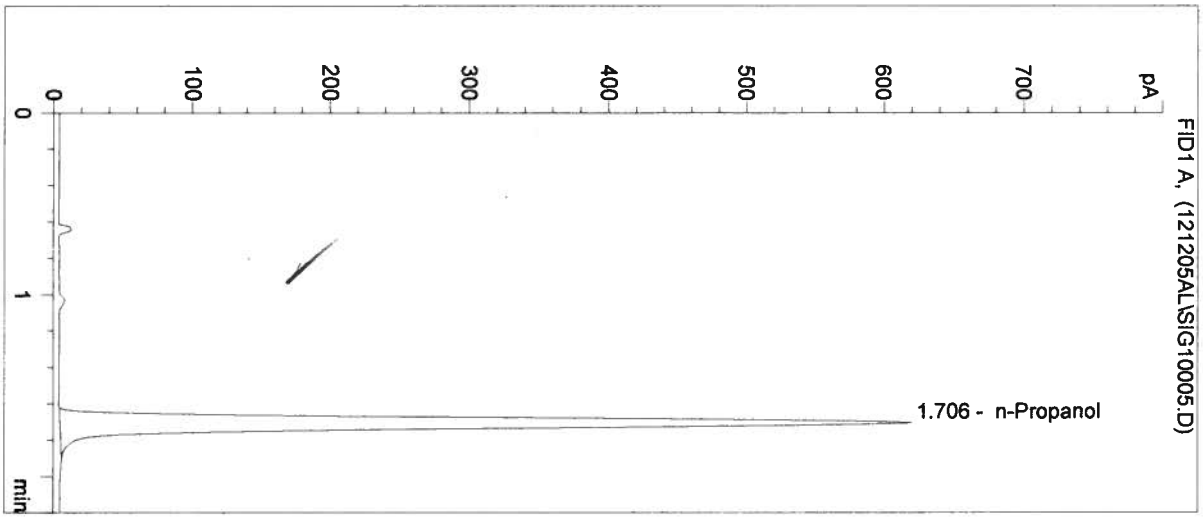
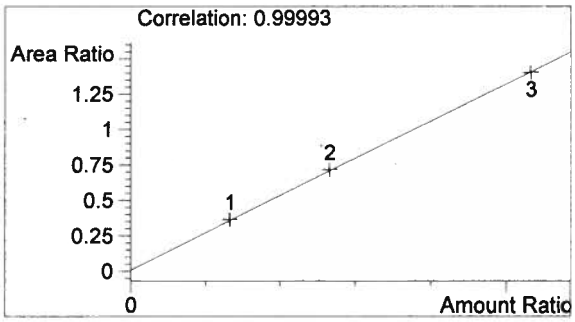
Inj. Date: 12/5/2012 12:02:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

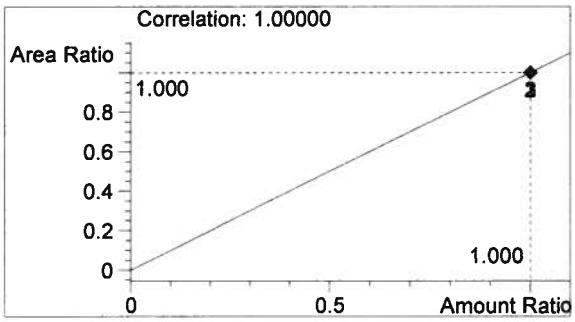
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2439	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

ES 12053 12053

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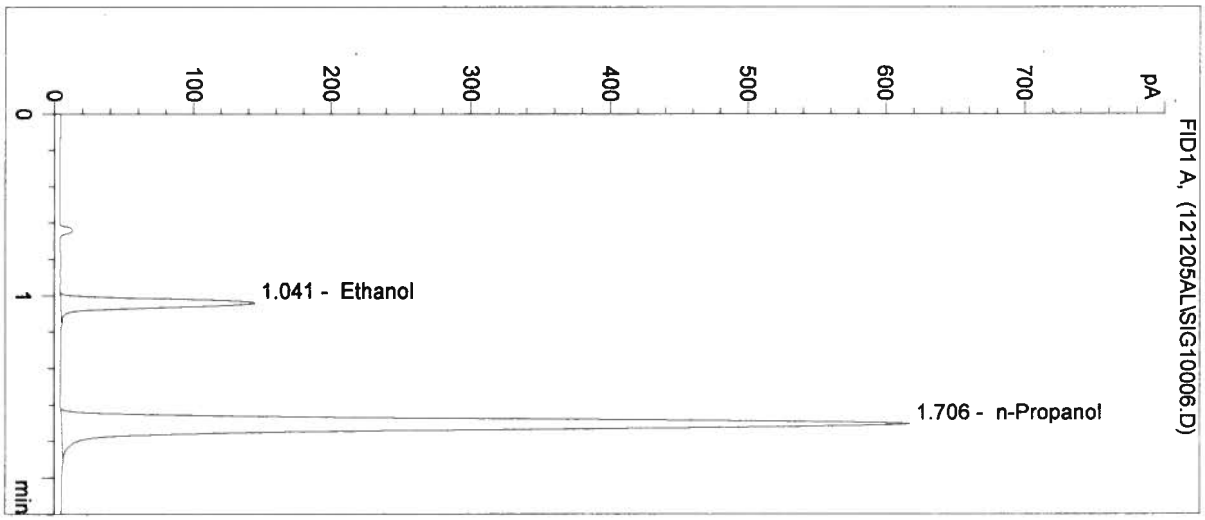
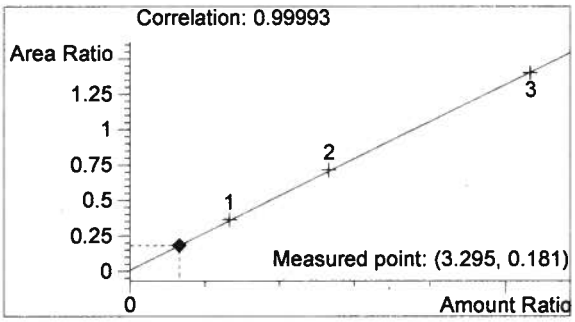
Inj. Date: 12/5/2012 12:05:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

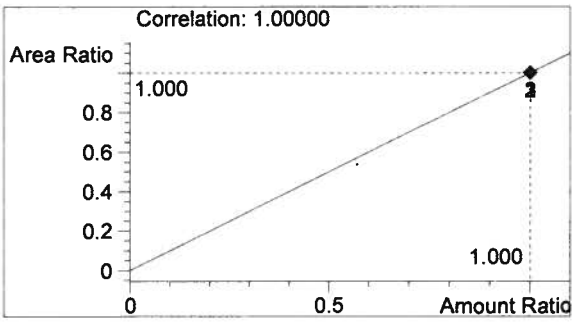
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	438	1.041
2	n-Propanol	2426	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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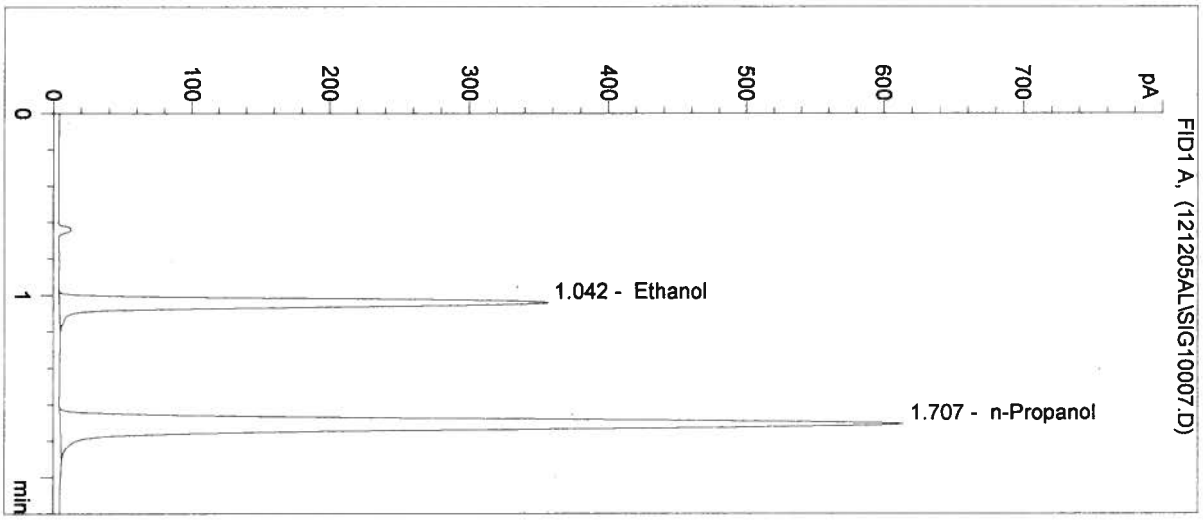
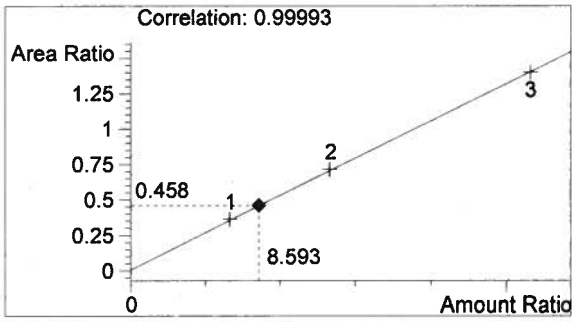
Inj. Date: 12/5/2012 12:08:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

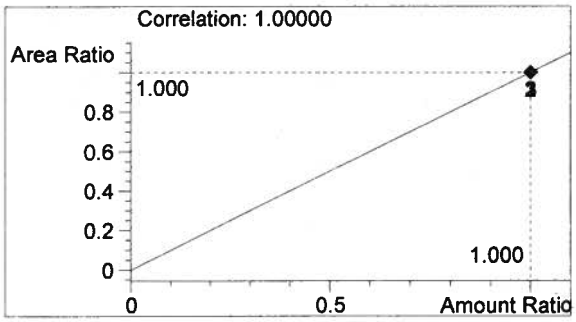
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.042
2	n-Propanol	2409	1.707



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

12053

BS 12053

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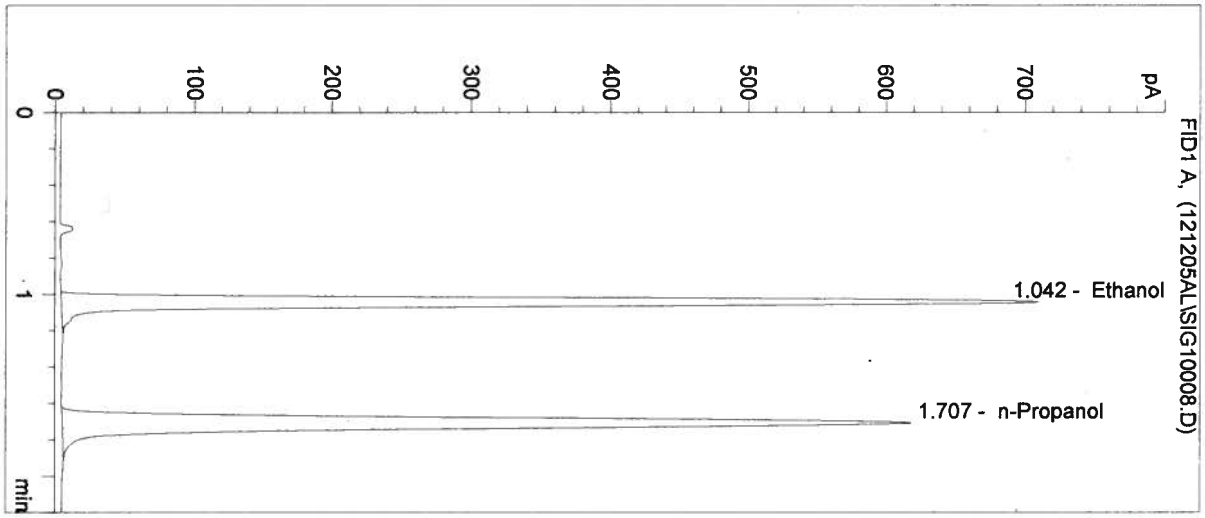
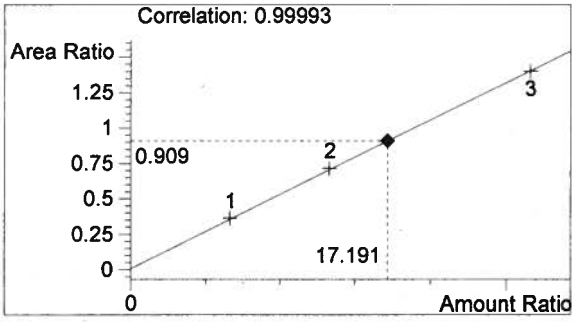
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 12:11:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

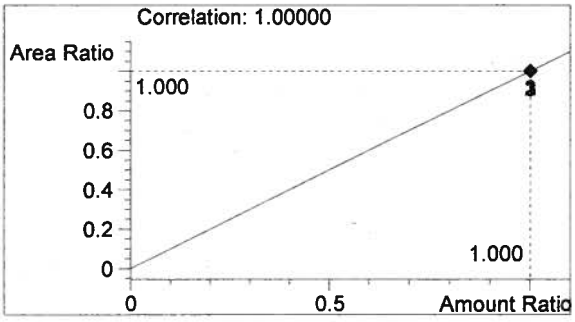
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2203	1.042
2	n-Propanol	2422	1.707



Ethanol 0.206 g/100mL



n-Propanol 0.012 g/100mL

12053

ESS 12053
AL

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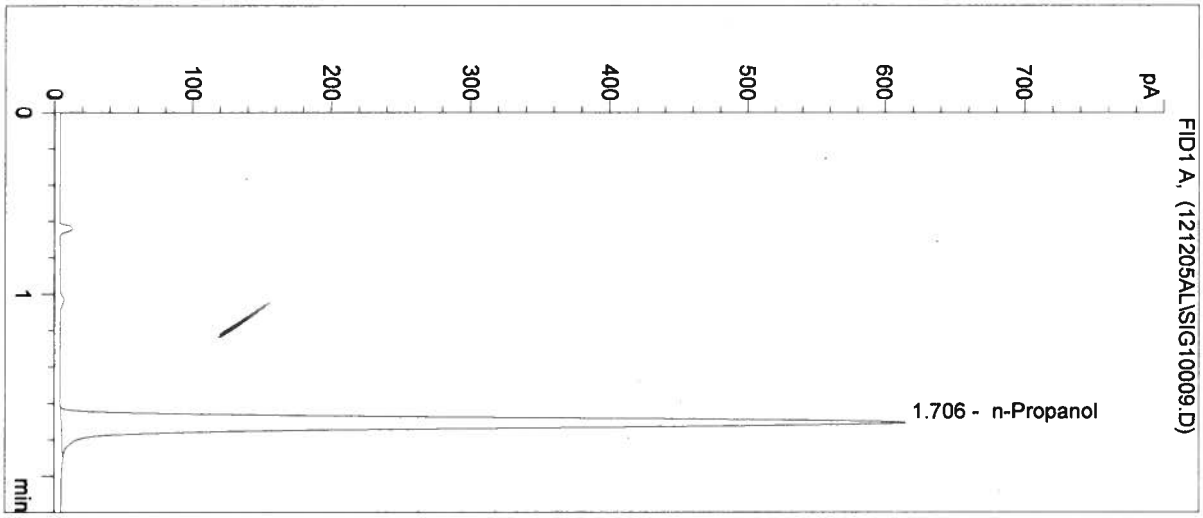
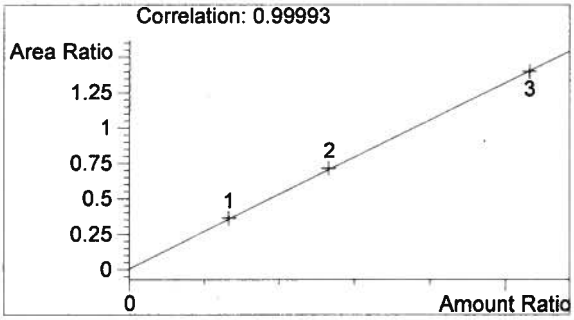
Inj. Date: 12/5/2012 12:14:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

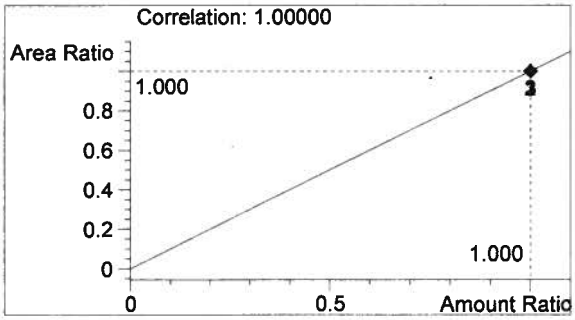
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2418	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

E2512053

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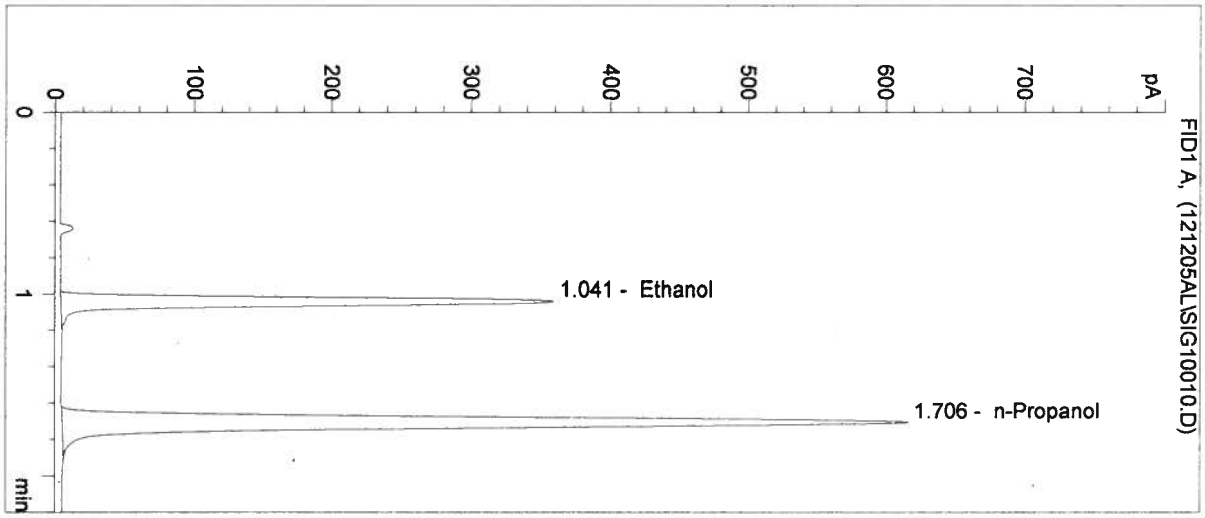
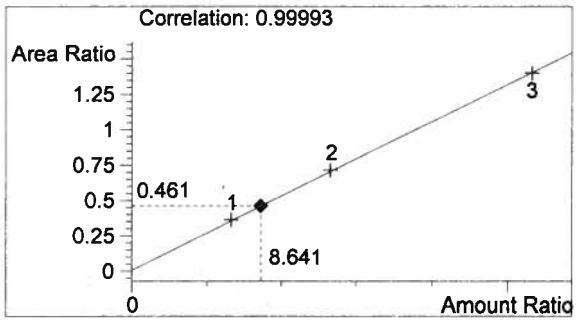
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 12:17:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

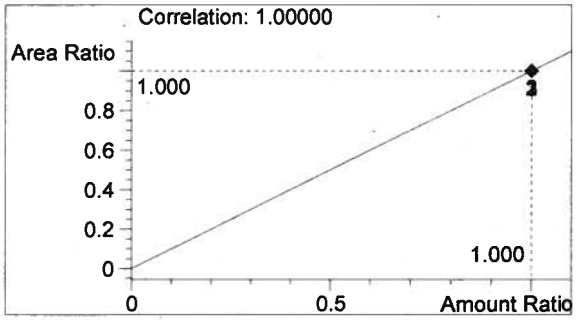
Sample Name: 12053 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.041
2	n-Propanol	2418	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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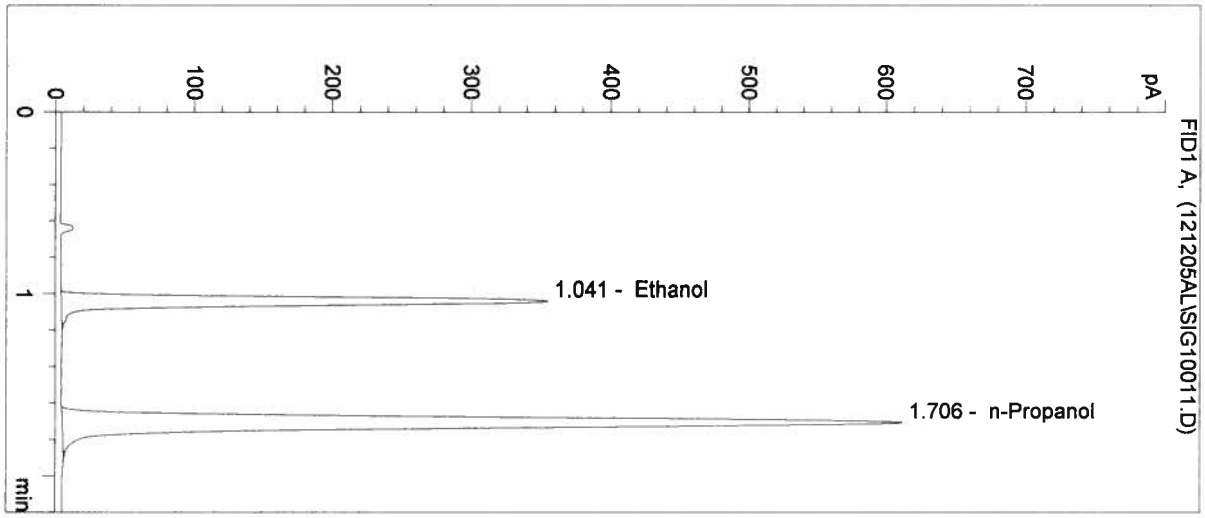
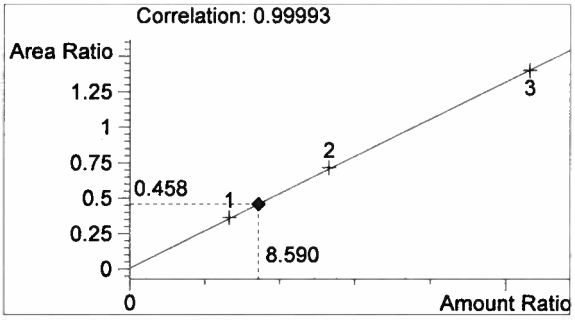
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 12:21:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

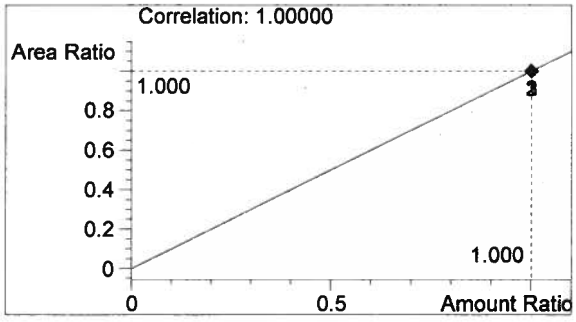
Sample Name: 12053 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.041
2	n-Propanol	2407	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

AL

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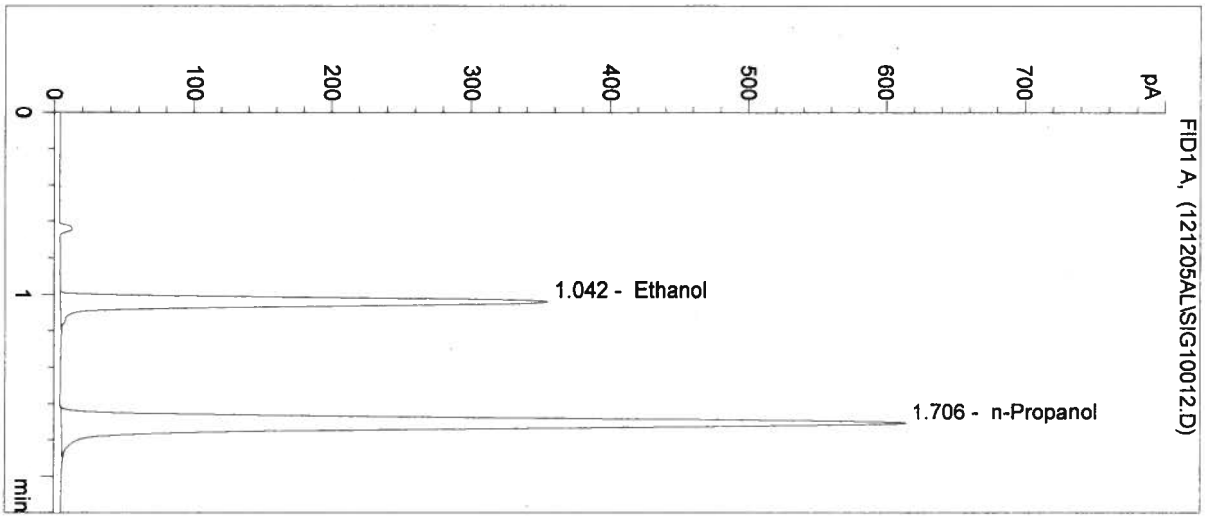
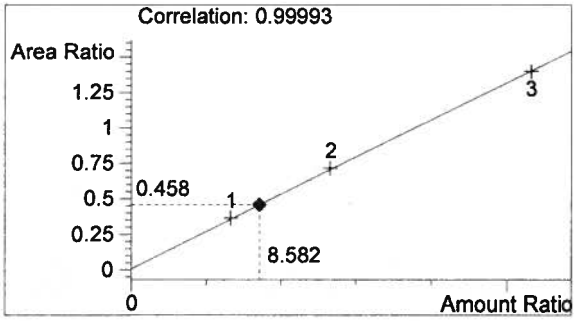
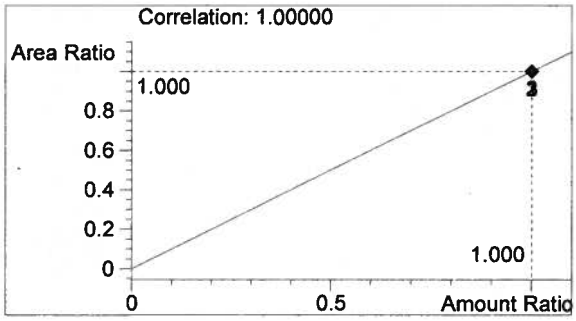
Inj. Date: 12/5/2012 12:24:07 PM
Sample Name: 12053 #3
Instrument: HSGC#1
Operator: asa louis
Column: DB-ALC1
Location: Vial 12
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.042
2	n-Propanol	2421	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

AC

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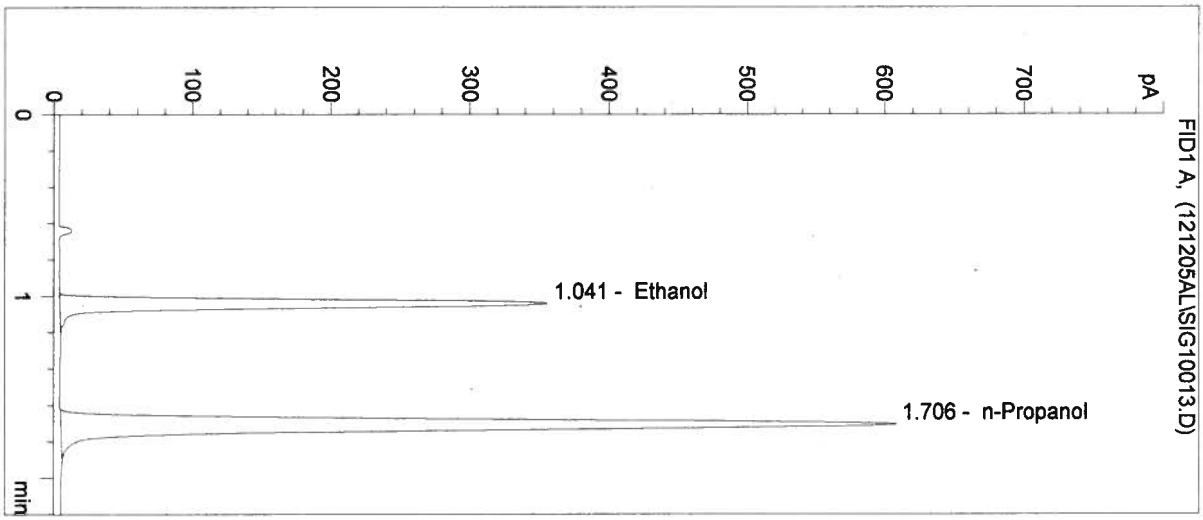
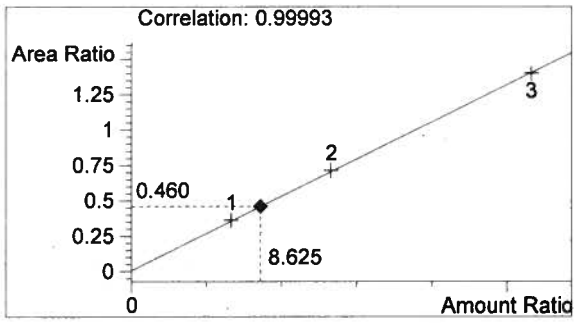
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 12:27:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

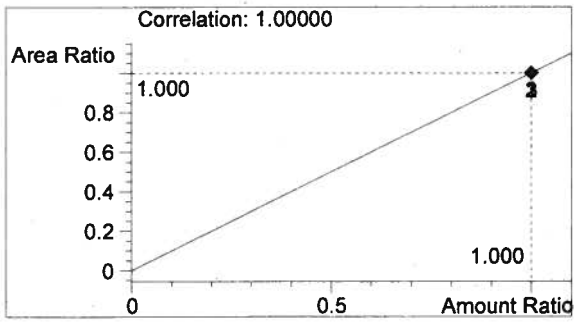
Sample Name: 12053 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.041
2	n-Propanol	2383	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

A

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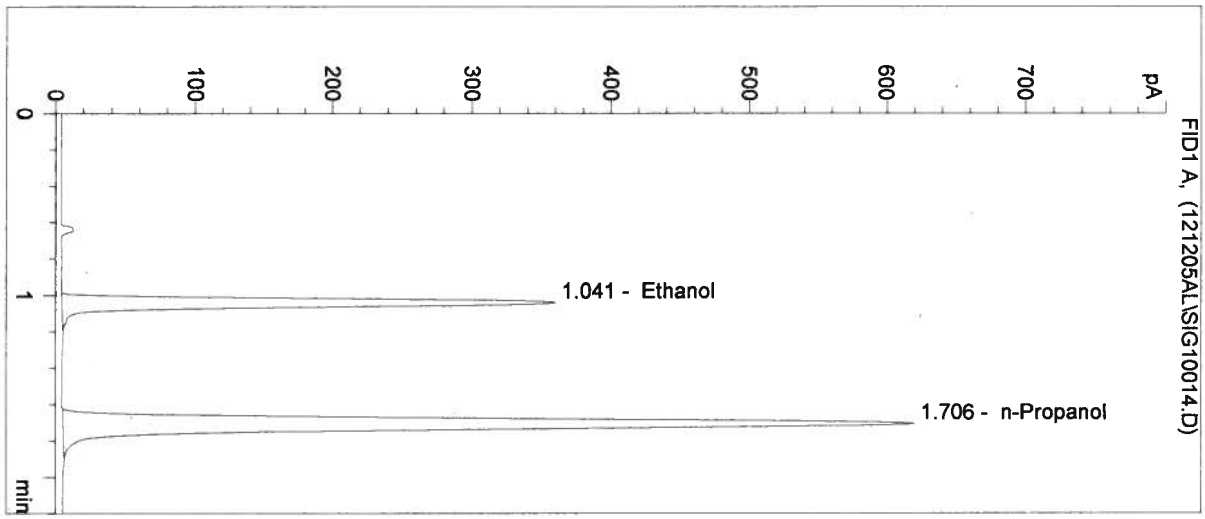
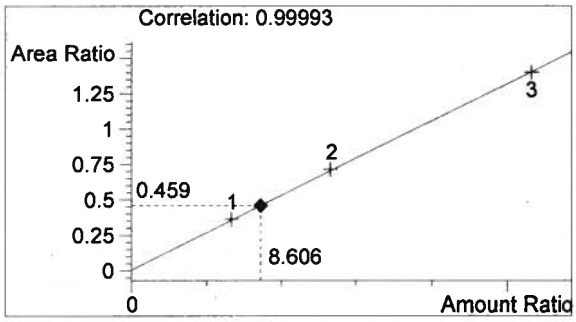
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/5/2012 12:30:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

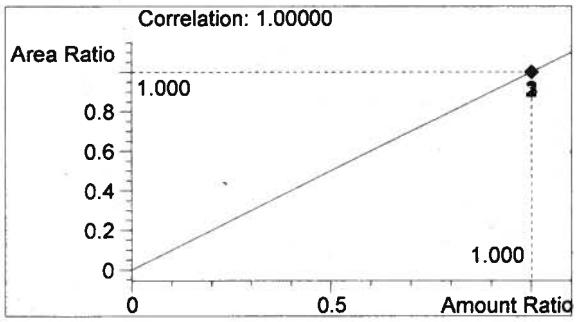
Sample Name: 12053 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.041
2	n-Propanol	2432	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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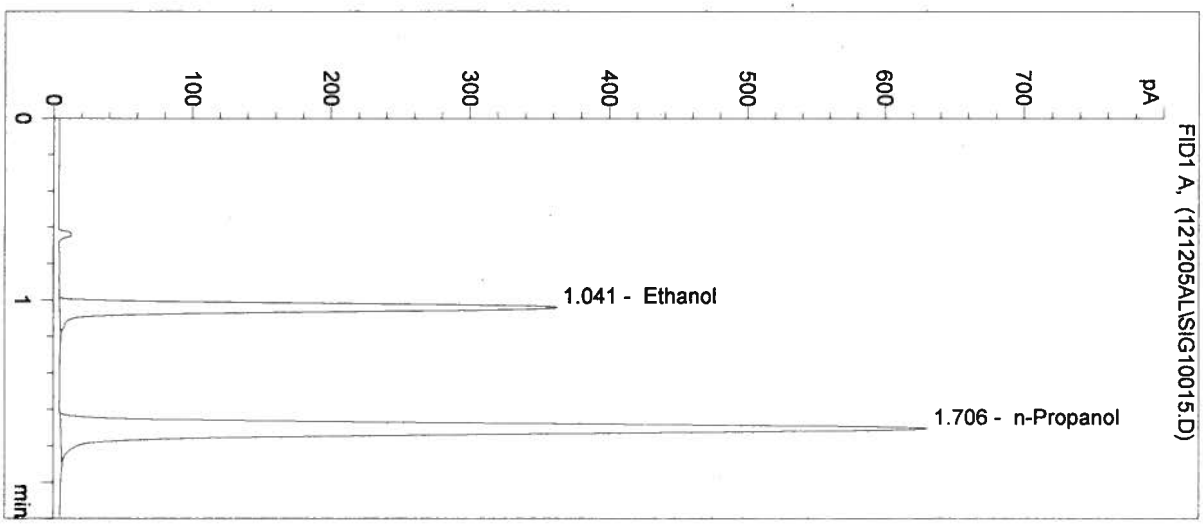
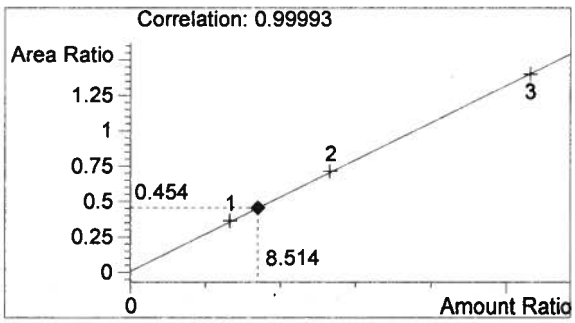
Inj. Date: 12/5/2012 12:33:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

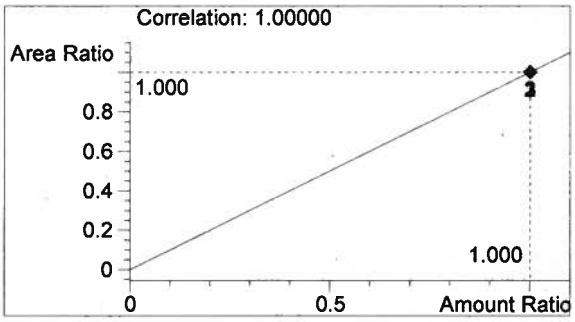
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2484	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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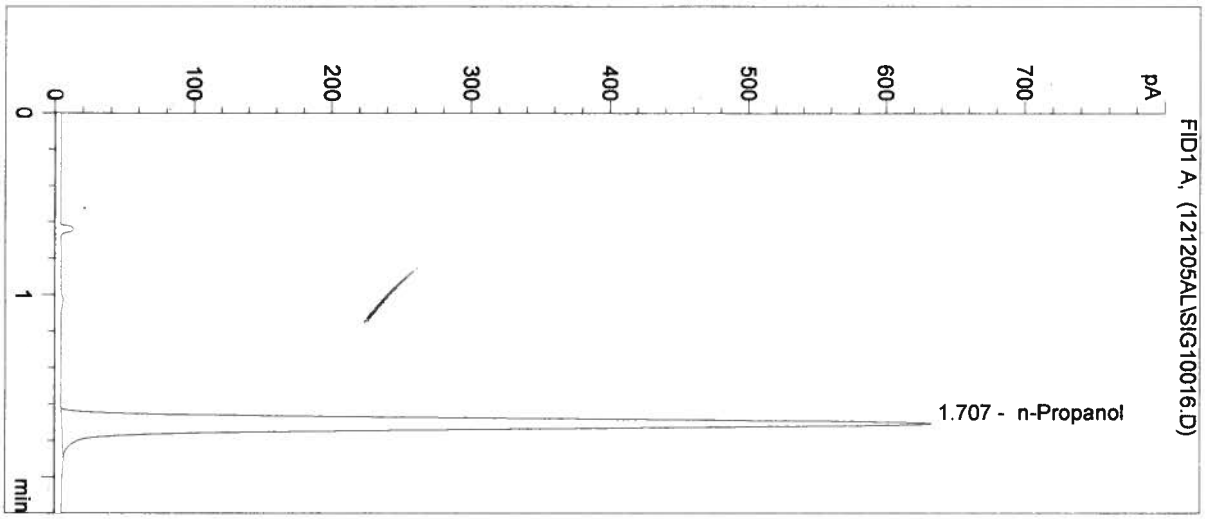
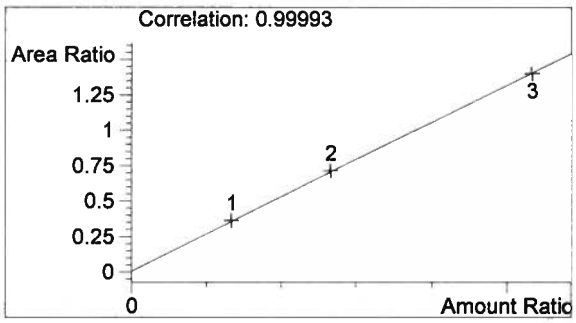
Inj. Date: 12/5/2012 12:36:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

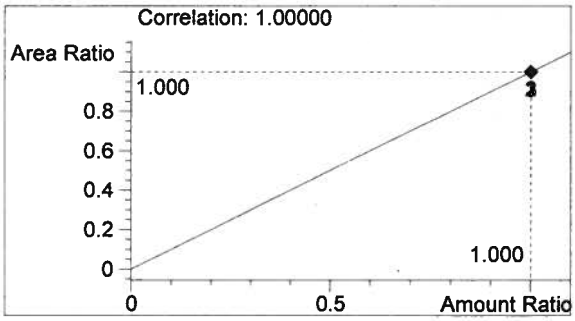
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2486	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

ESS 12053
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12053

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121206LE
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053#1 fn 12/6/12	SIMALC1	1	Sample		
11	Vial 11	12053#2 fn 12/6/12	SIMALC1	1	Sample		
12	Vial 12	12053#3 fn 12/6/12	SIMALC1	1	Sample		
13	Vial 13	12053#4 fn 12/6/12	SIMALC1	1	Sample		
14	Vial 14	12053#5 fn 12/6/12	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		

12053

fn

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

12053

Calibration Table

Calib. Data Modified : Thursday, December 06, 2012 3:06:40 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
1.041	1		1	7.98400e-2	858.75964	9.29713e-5		1	Ethanol
			2	1.59780e-1	1712.46106	9.33043e-5			
			3	3.19310e-1	3381.83228	9.44192e-5			
1.706	1		1	1.20000e-2	2387.15161	5.02691e-6		I1	n-Propanol
			2	1.20000e-2	2400.65332	4.99864e-6			
			3	1.20000e-2	2400.36108	4.99925e-6			

Peak Sum Table

No Entries in table

12053

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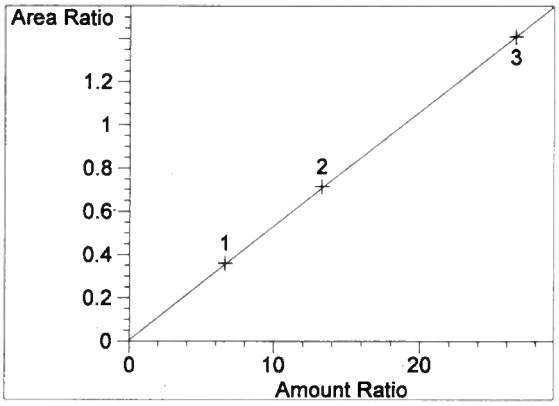
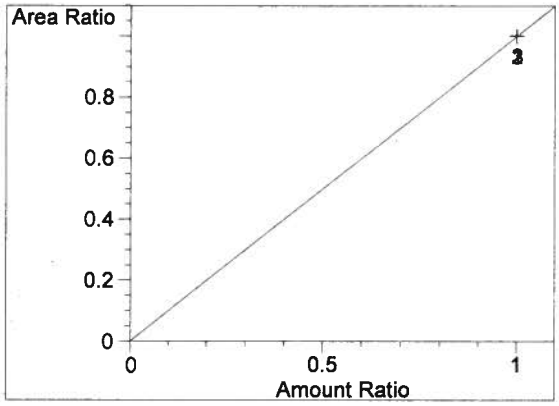
Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00554
Formula: y = mx + b
m: 5.28871e-2
b: 4.65252e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12053

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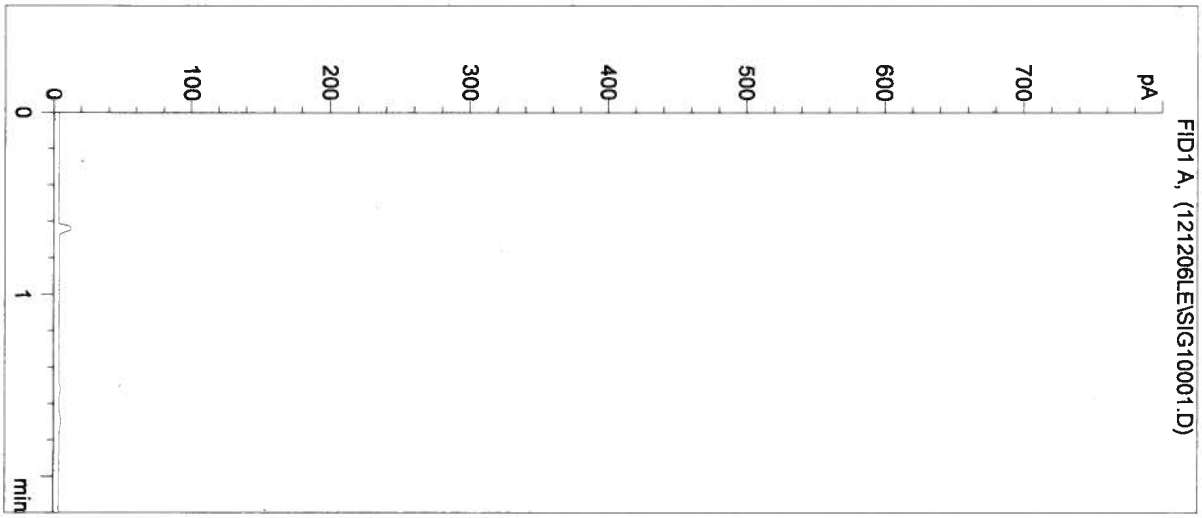
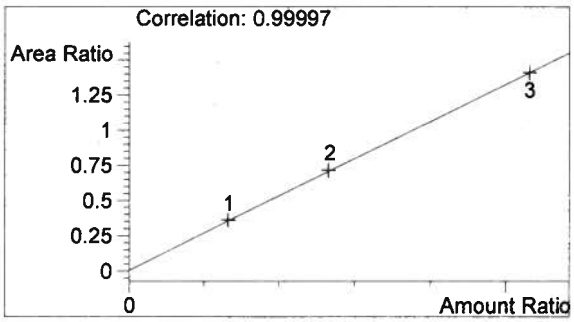
Inj. Date: 12/6/2012 2:55:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

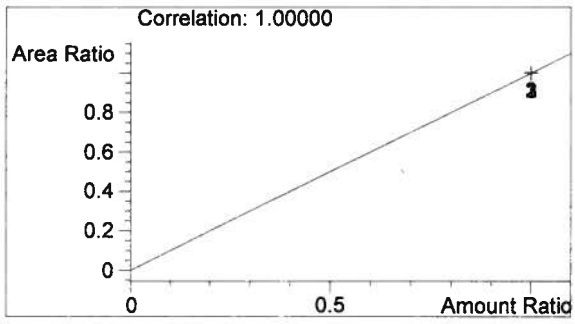
Sample Name: Blank
Operator: Lisa Noble
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12053

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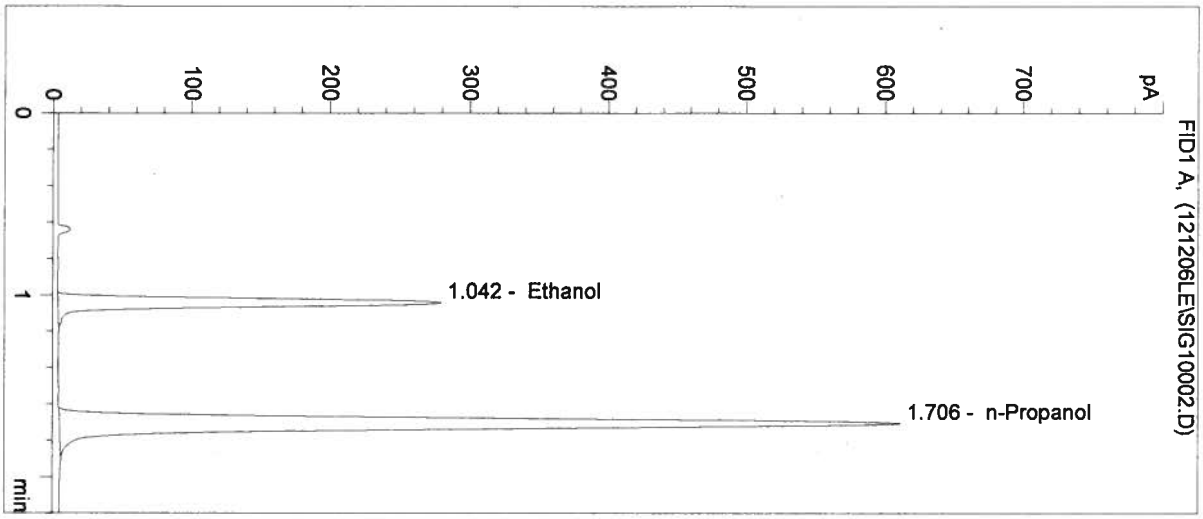
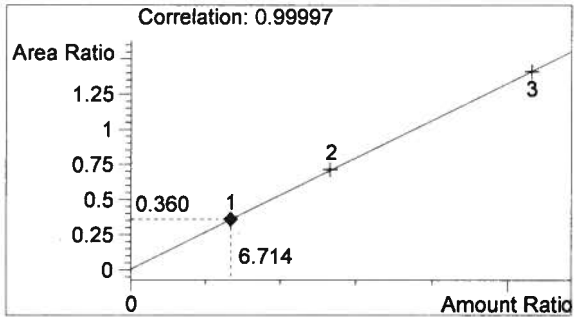
Inj. Date: 12/6/2012 2:58:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

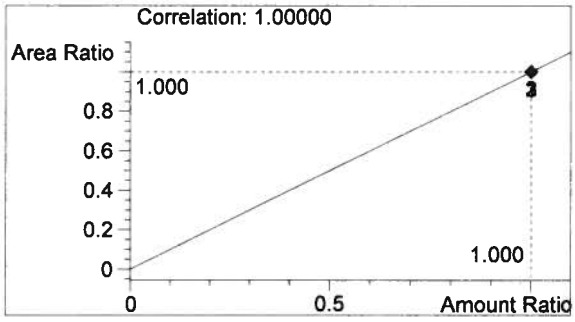
Sample Name: 0.079 CAL 1
Operator: Lisa Noble
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	859	1.042
2	n-Propanol	2387	1.706



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121206LE\SIG10002.D

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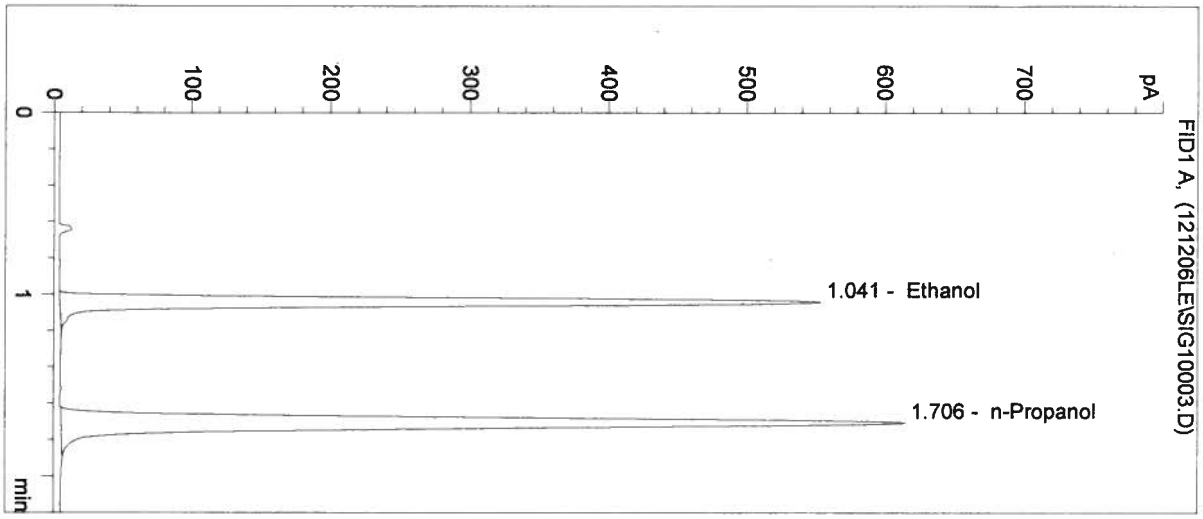
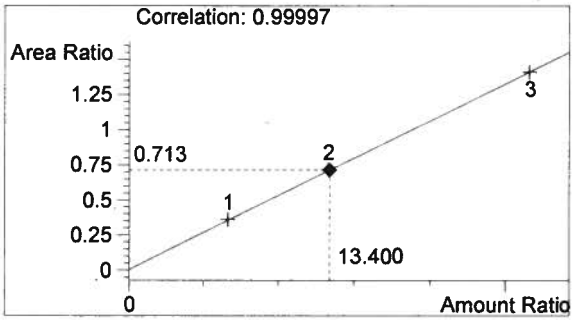
Inj. Date: 12/6/2012 3:01:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

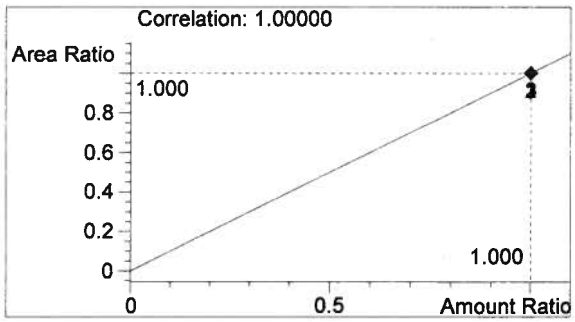
Sample Name: 0.158 CAL 2
Operator: Lisa Noble
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1712	1.041
2	n-Propanol	2401	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

12053

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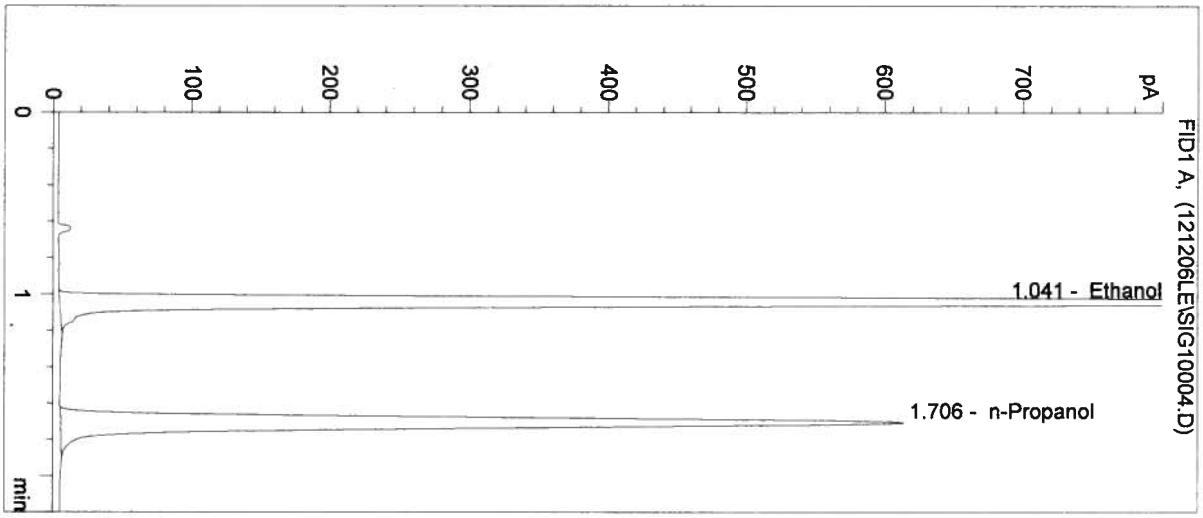
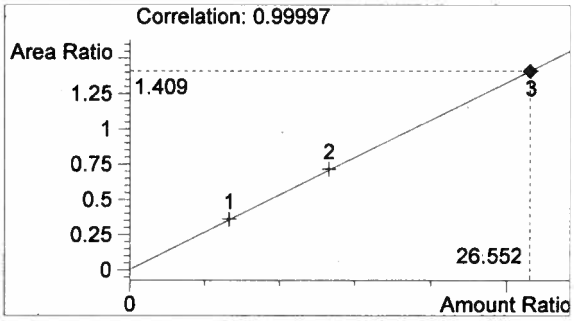
Inj. Date: 12/6/2012 3:04:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

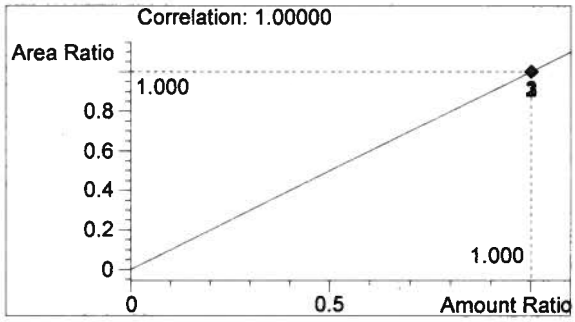
Sample Name: 0.316 CAL 3
Operator: Lisa Noble
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3382	1.041
2	n-Propanol	2400	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12053

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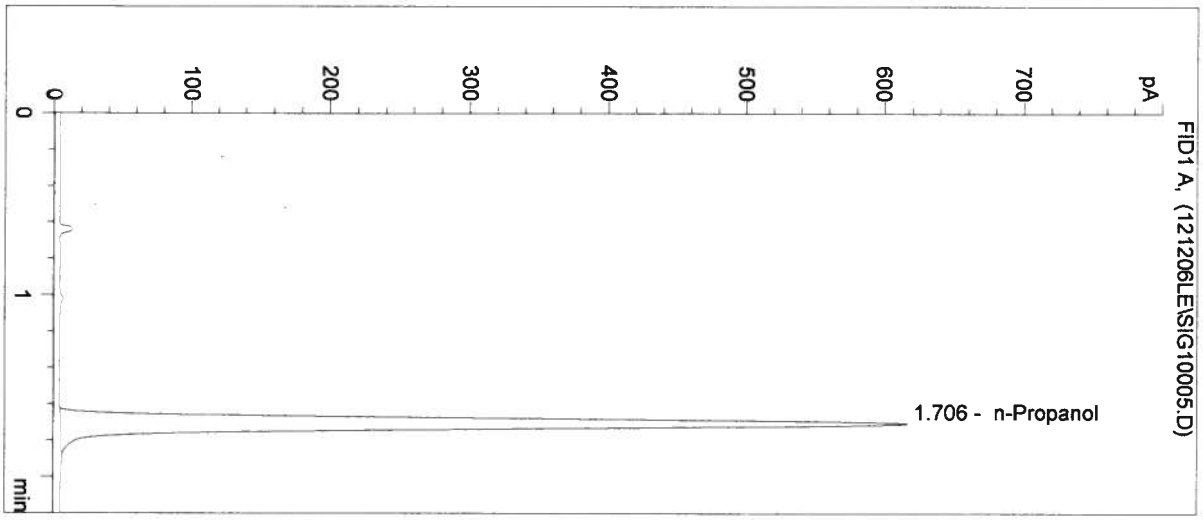
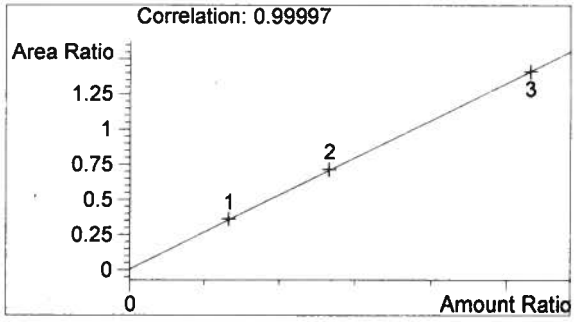
Inj. Date: 12/6/2012 3:07:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

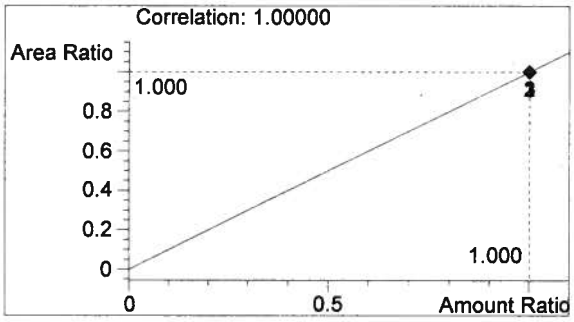
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2418	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

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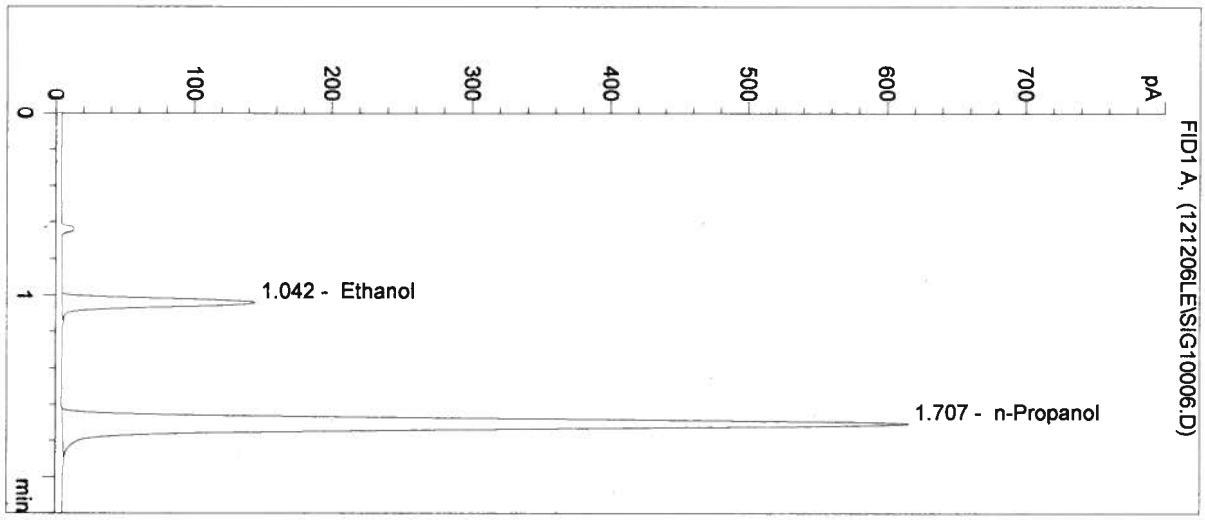
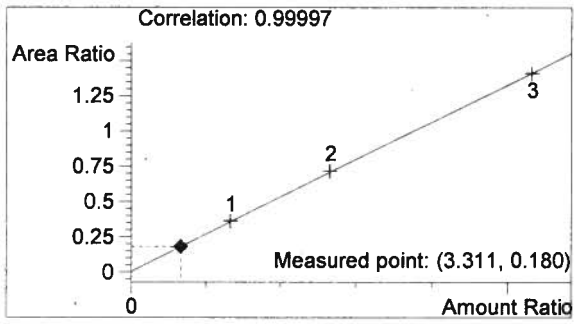
Inj. Date: 12/6/2012 3:10:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

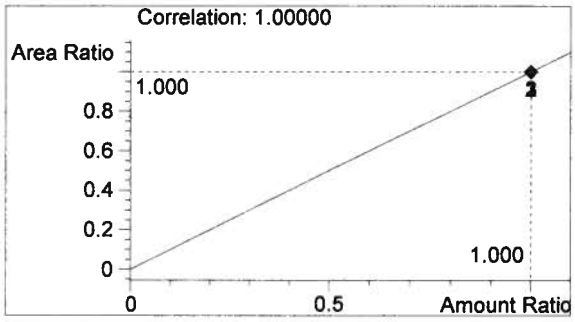
Sample Name: 0.04 CTRL - LN
Operator: Lisa Noble
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	435	1.042
2	n-Propanol	2418	1.707



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12053

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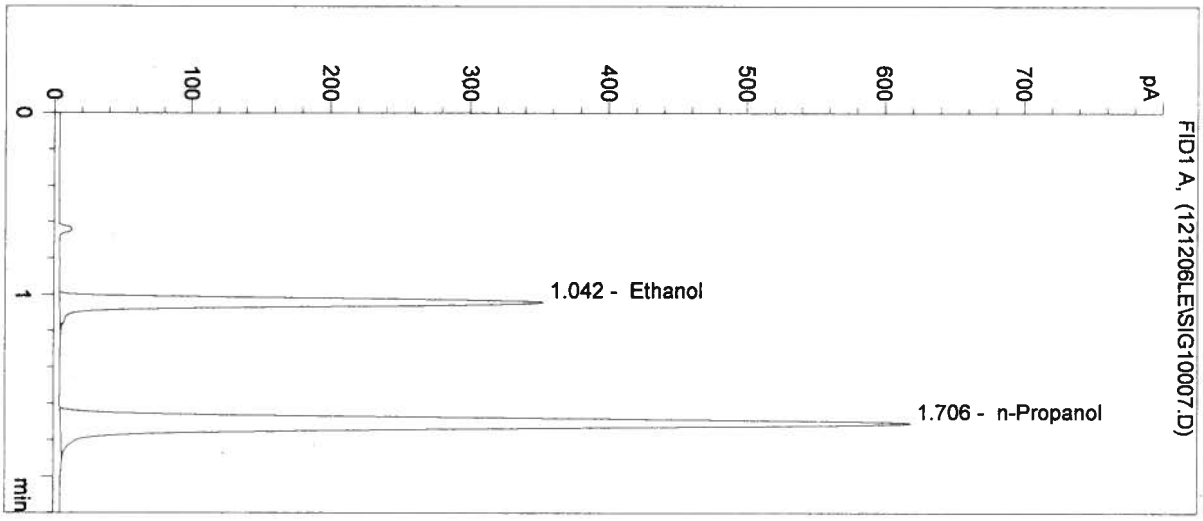
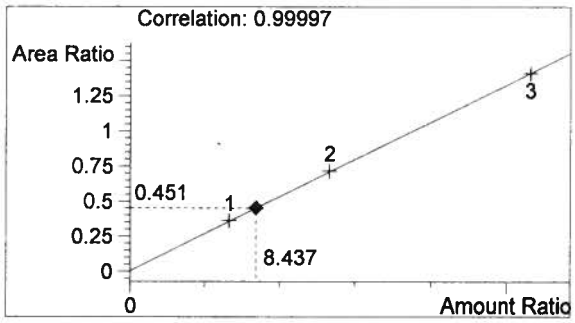
Inj. Date: 12/6/2012 3:13:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

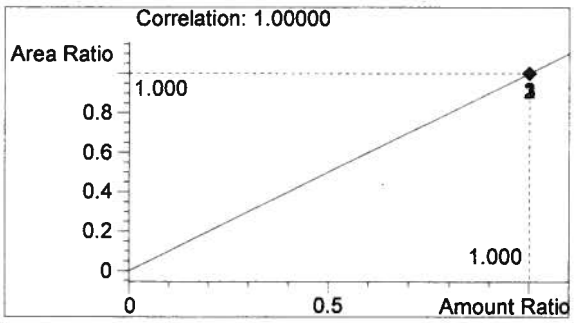
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.042
2	n-Propanol	2429	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12053

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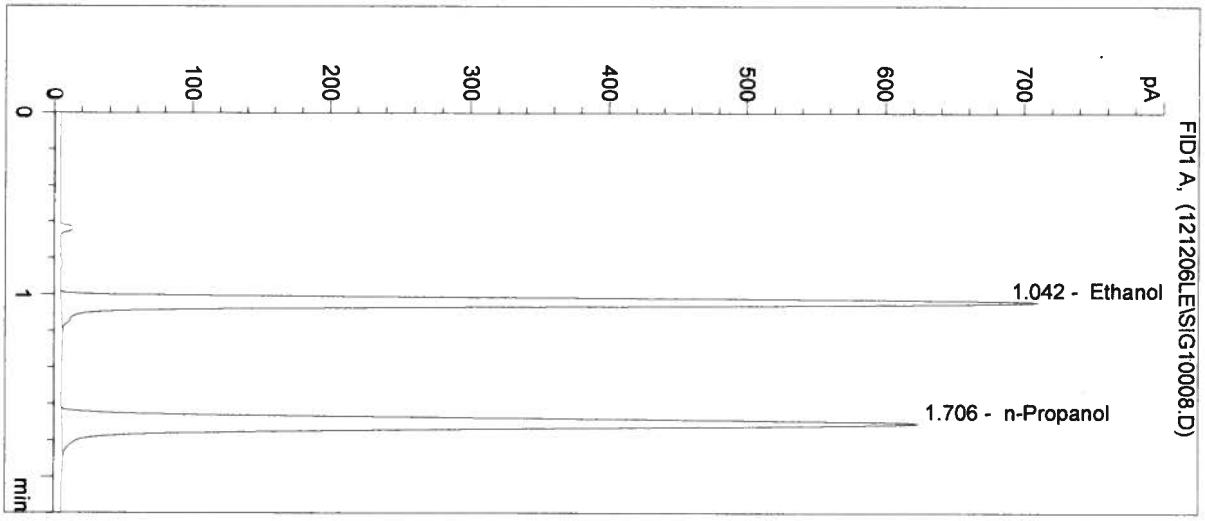
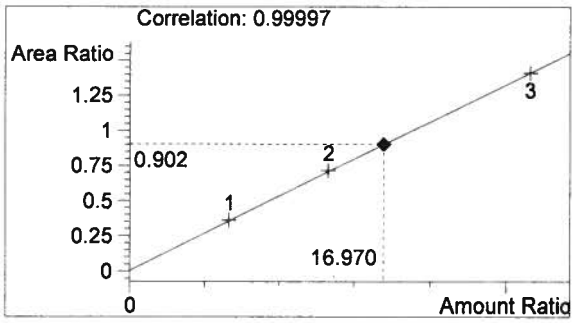
Inj. Date: 12/6/2012 3:16:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

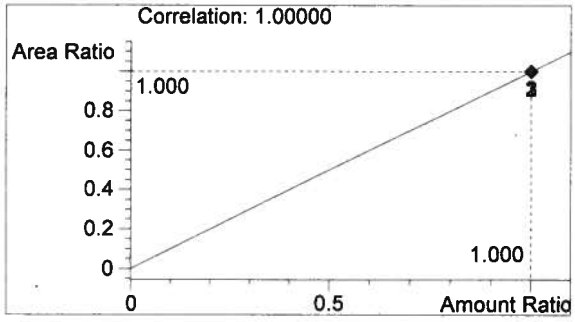
Sample Name: 0.20 CTRL - LN
Operator: Lisa Noble
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2200	1.042
2	n-Propanol	2439	1.706



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

12053

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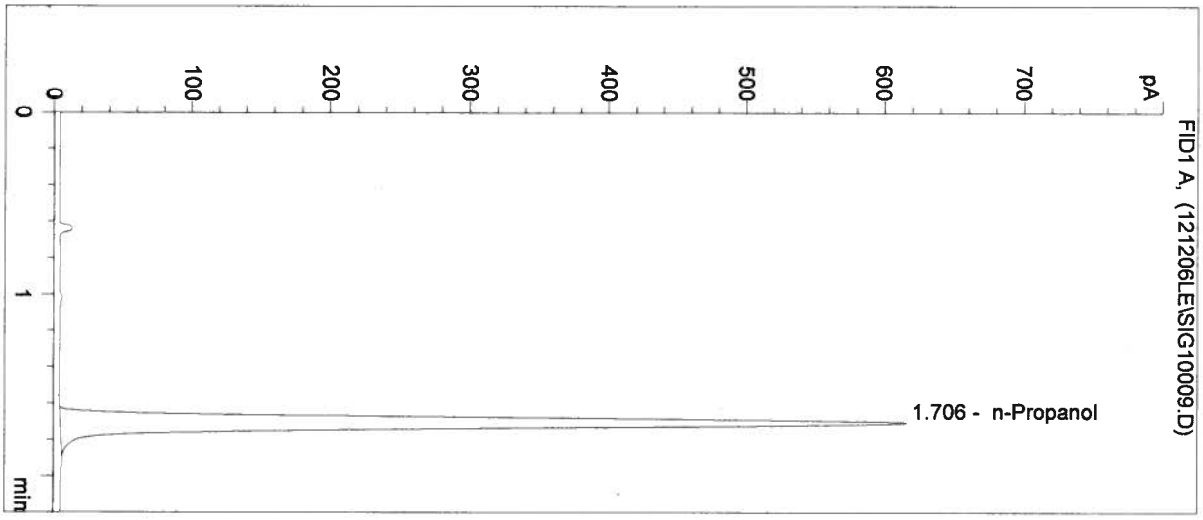
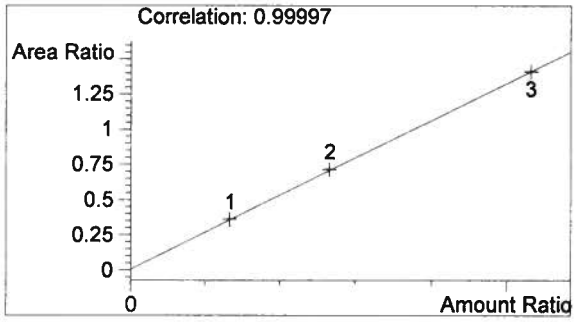
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:19:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

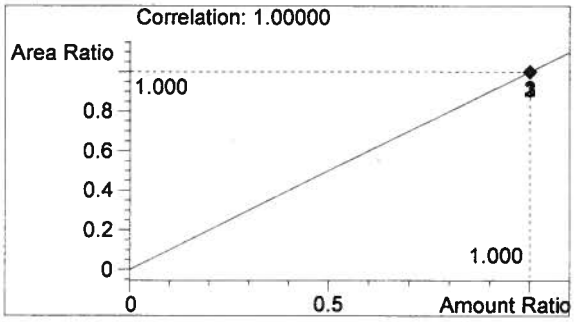
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2424	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

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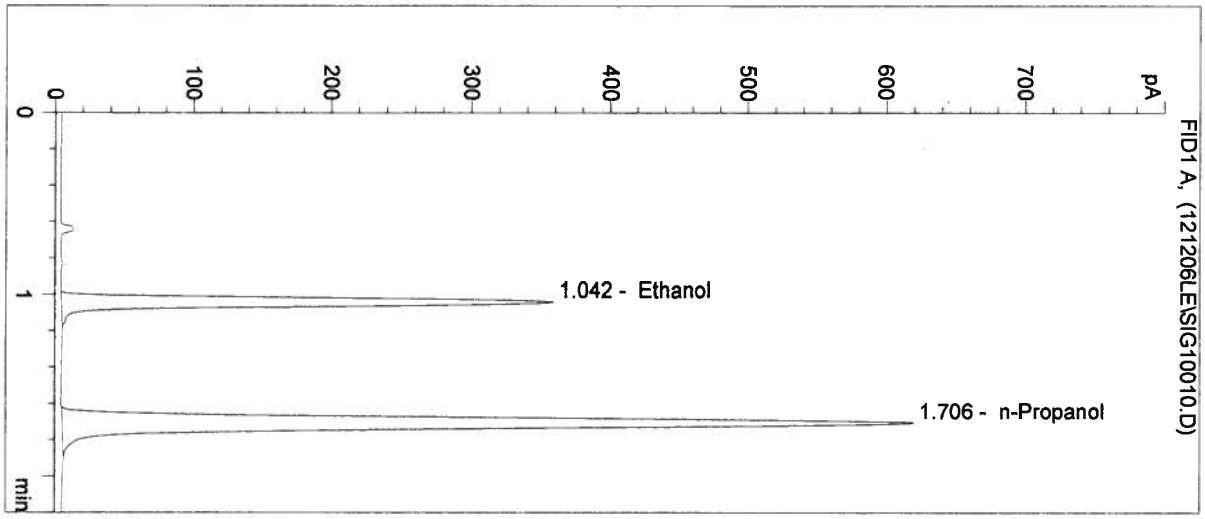
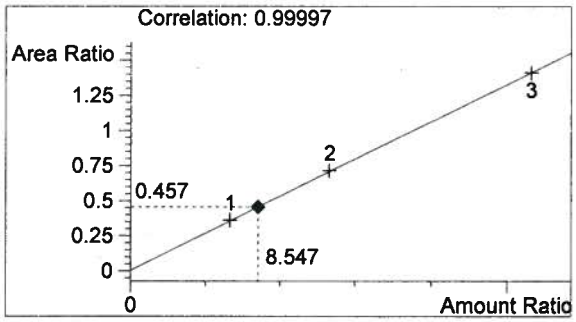
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:22:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

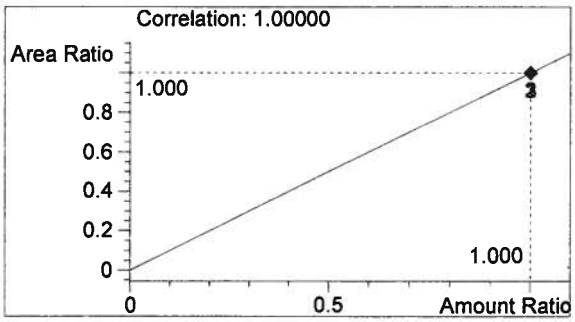
Sample Name: 1205~~4~~3 #1 fn 12/6/12
Operator: Lisa Noble
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.042
2	n-Propanol	2435	1.706



Ethanol 0.103 g/100mL



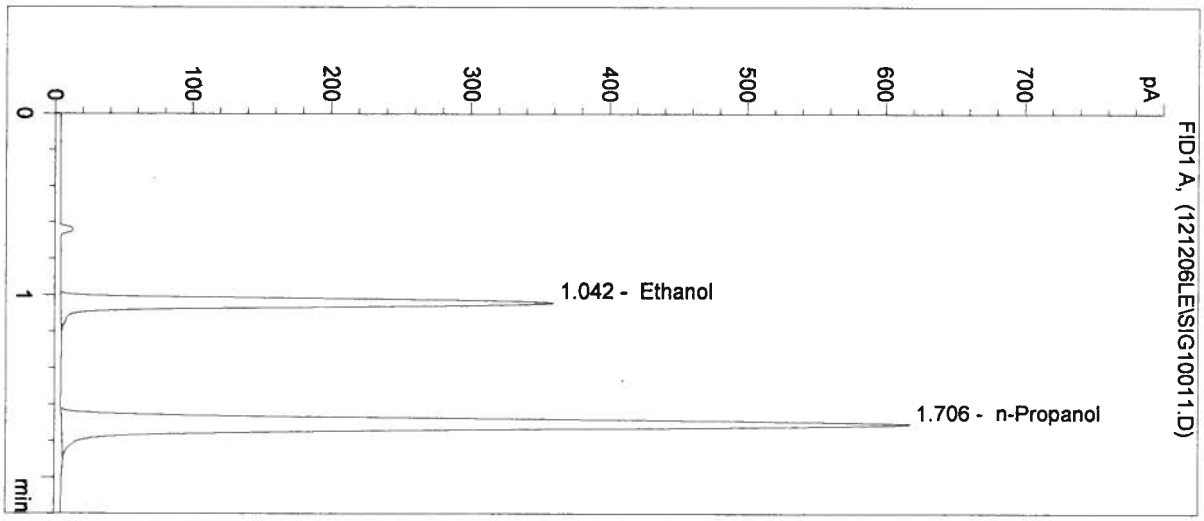
n-Propanol 0.012 g/100mL

fn

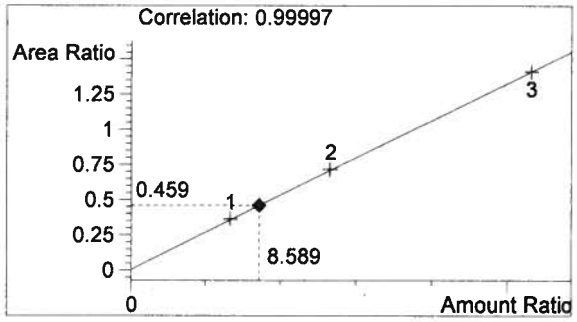
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:26:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

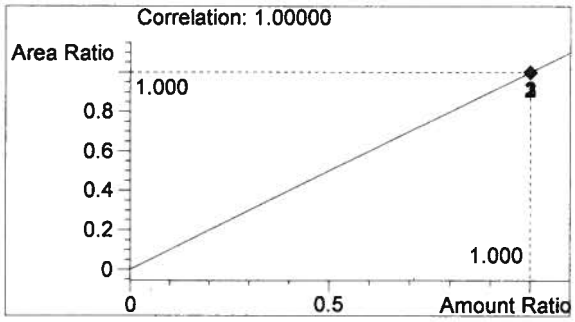
Sample Name: 1205~~4~~3 #2 fn 12/6/12
Operator: Lisa Noble
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.042
2	n-Propanol	2414	1.706



Ethanol 0.103 g/100mL



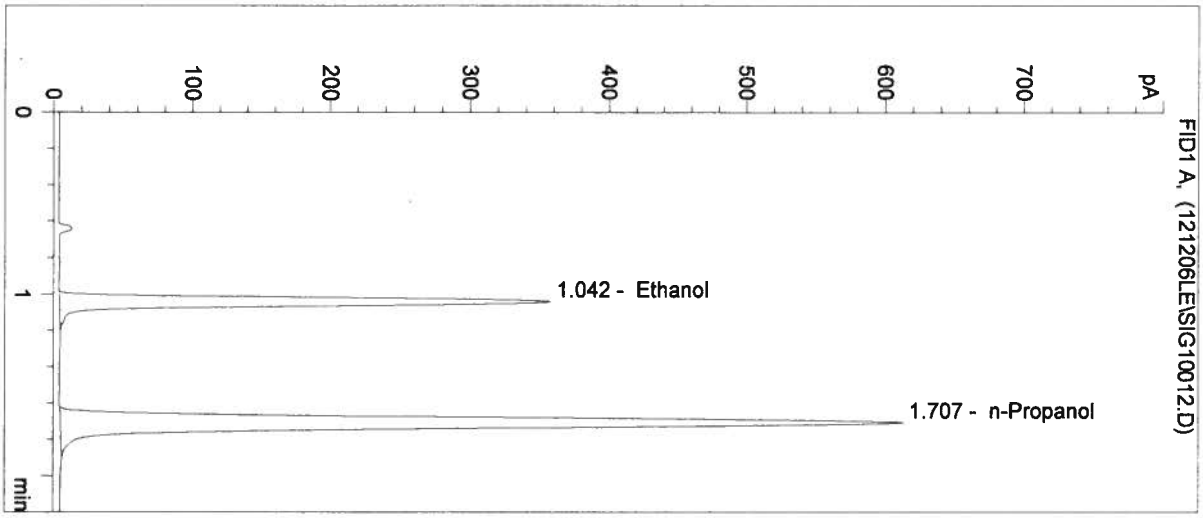
n-Propanol 0.012 g/100mL

fn

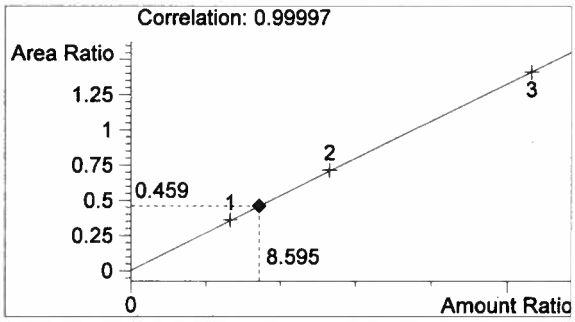
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:29:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

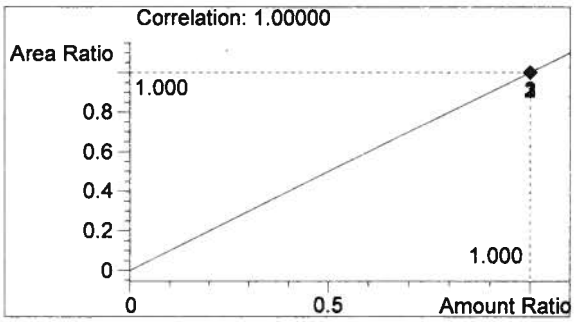
Sample Name: 1205~~4~~3 #3 fn 12/6/12
Operator: Lisa Noble
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.042
2	n-Propanol	2395	1.707



Ethanol 0.103 g/100mL



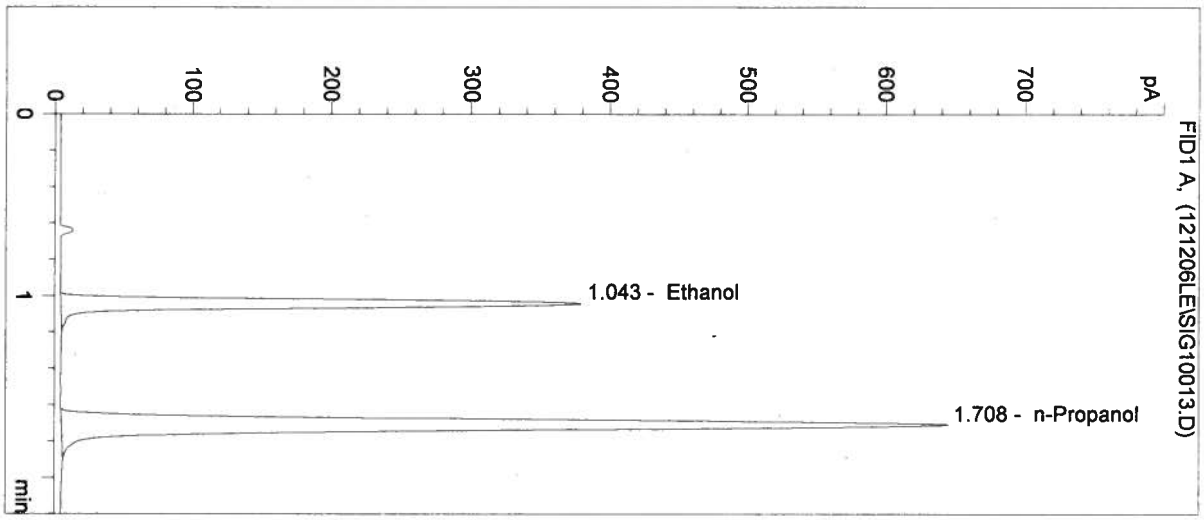
n-Propanol 0.012 g/100mL

fn

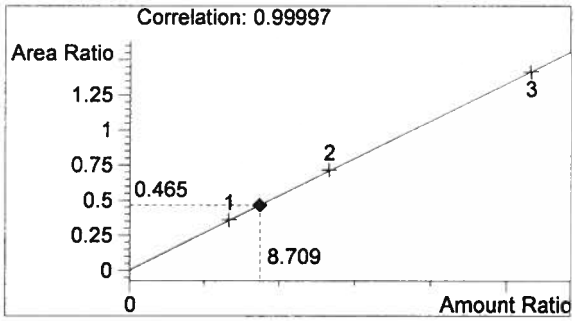
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:32:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

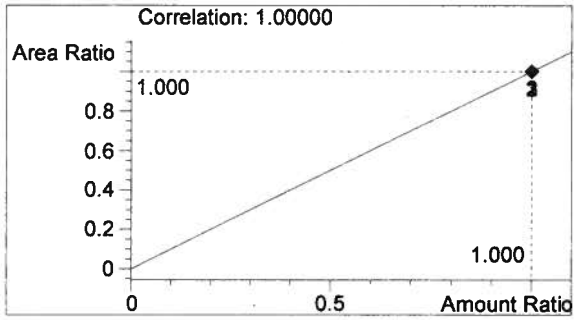
Sample Name: 1205~~4~~3 #4 fn 12/6/12
Operator: Lisa Noble
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1175	1.043
2	n-Propanol	2525	1.708



Ethanol 0.105 g/100mL



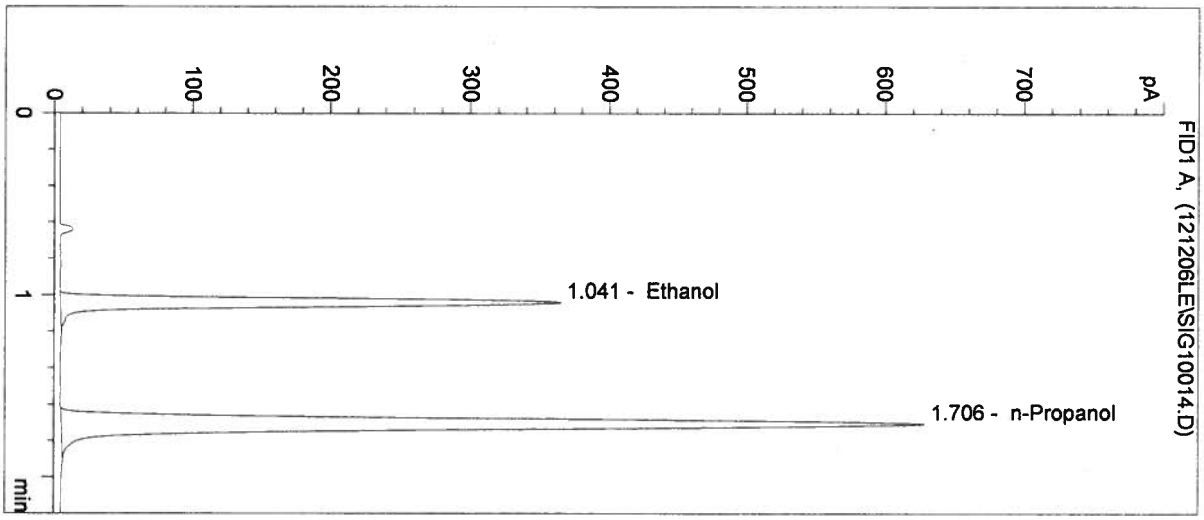
n-Propanol 0.012 g/100mL

fn

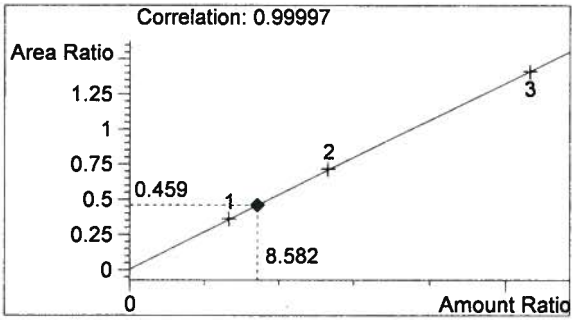
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:35:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

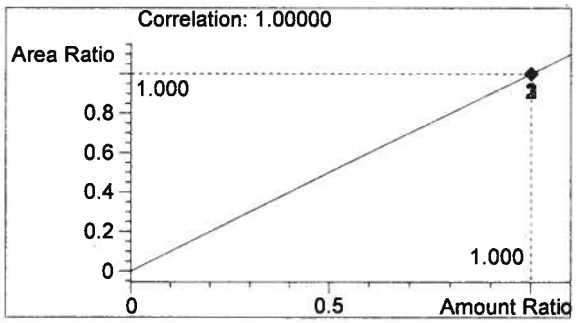
Sample Name: 1205~~4~~3 #5 fn 12/6/12
Operator: Lisa Noble
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.041
2	n-Propanol	2462	1.706



Ethanol 0.103 g/100mL



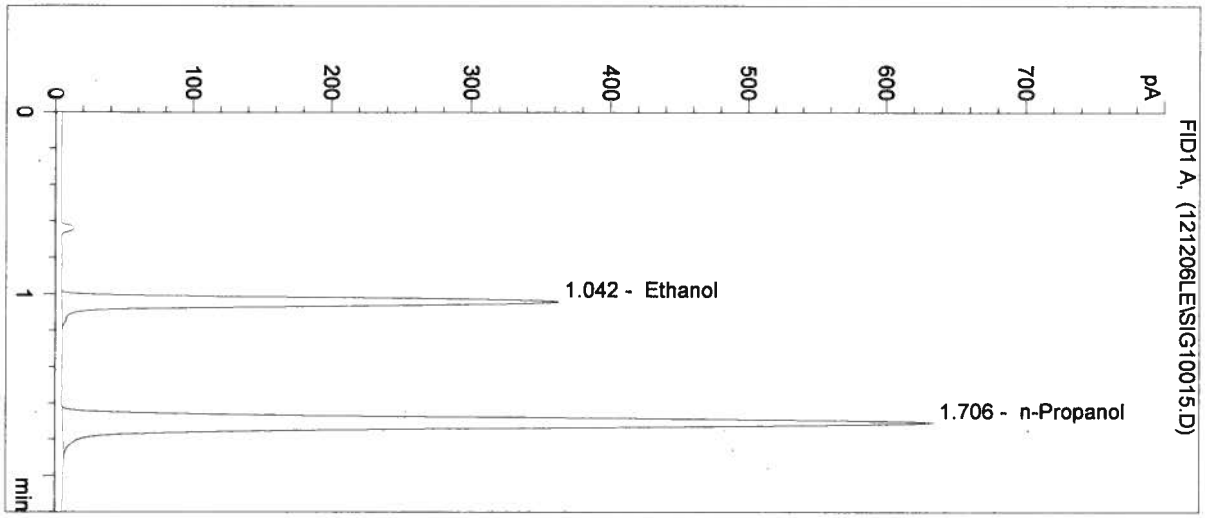
n-Propanol 0.012 g/100mL

fn

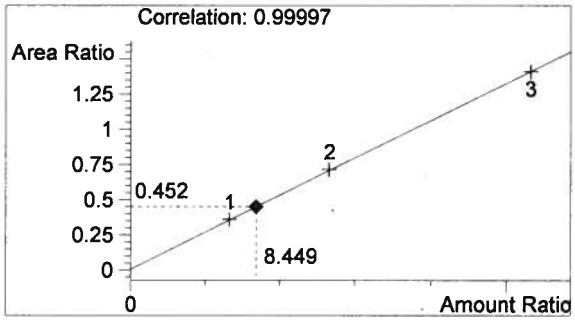
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:38:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

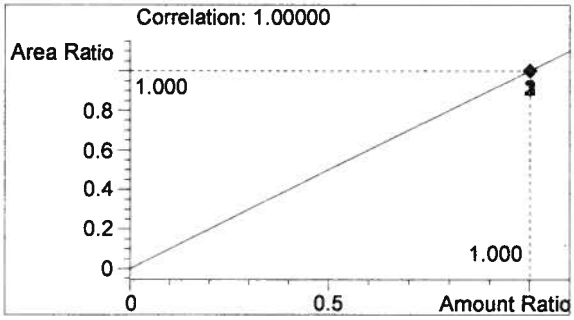
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.042
2	n-Propanol	2482	1.706



Ethanol 0.101 g/100mL



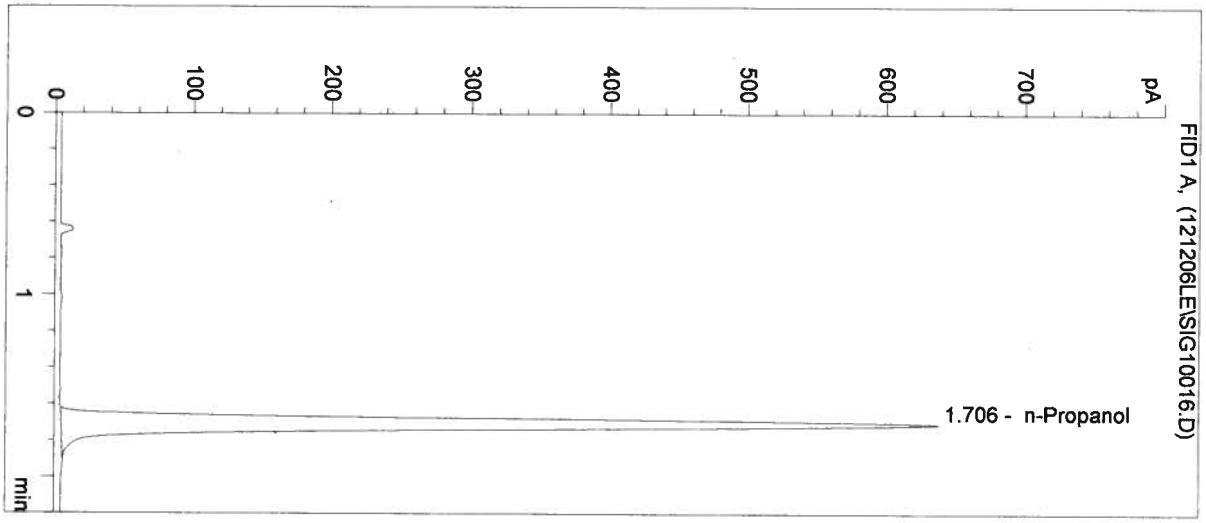
n-Propanol 0.012 g/100mL

12053

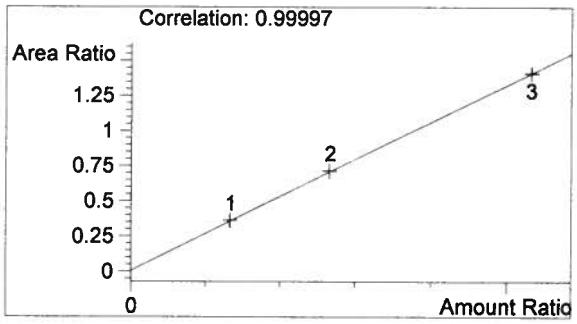
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/6/2012 3:41:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

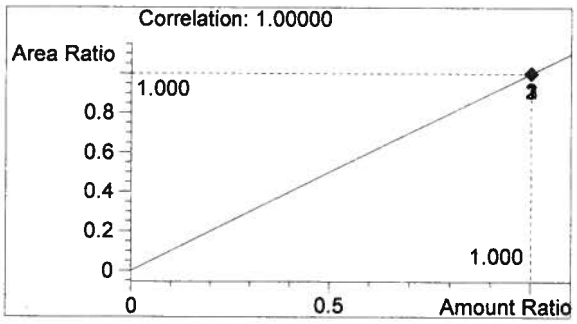
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2501	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121206LE\SIG10016.D

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121207B1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)-BO	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)-BO	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053 #1	SIMALC1	1	Sample		
11	Vial 11	12053 #2	SIMALC1	1	Sample		
12	Vial 12	12053 #3	SIMALC1	1	Sample		
13	Vial 13	12053 #4	SIMALC1	1	Sample		
14	Vial 14	12053 #5	SIMALC1	1	Sample		
15	Vial 15	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

BEO

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

Sequence Table (Back Injector):

No entries - empty table!

12053

BW

Calibration Table

Calib. Data Modified : Friday, December 07, 2012 11:27:18 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.043	1		1	7.98400e-2	1094.54211	7.29437e-5	1		Ethanol
			2	1.59780e-1	2214.88721	7.21391e-5			
			3	3.19310e-1	4366.65430	7.31246e-5			
1.707	1		1	1.20000e-2	3056.10962	3.92656e-6	I1		n-Propanol
			2	1.20000e-2	3118.16943	3.84841e-6			
			3	1.20000e-2	3093.97363	3.87851e-6			

Peak Sum Table

No Entries in table

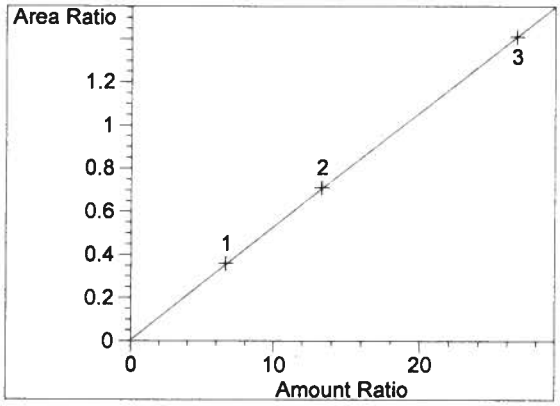
12053

BW

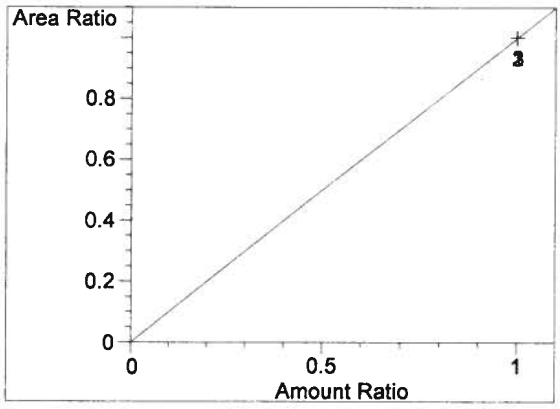
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00328
Formula: y = mx + b
m: 5.29896e-2
b: 2.92134e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

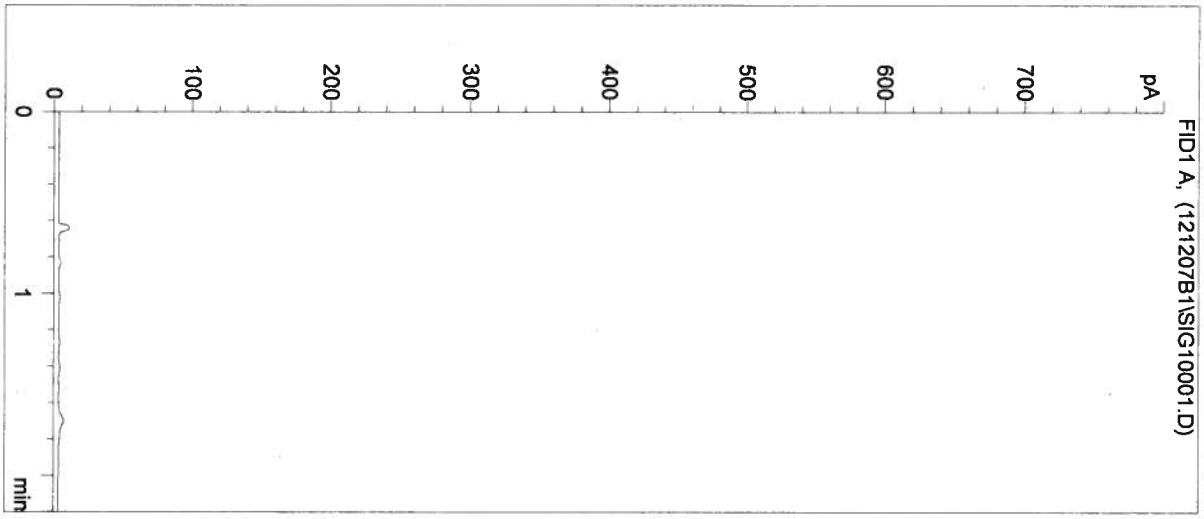
12053

BW

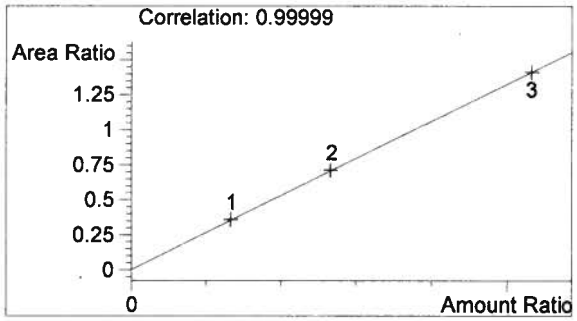
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:15:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

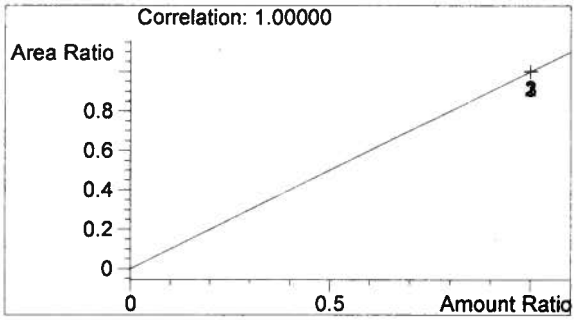
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

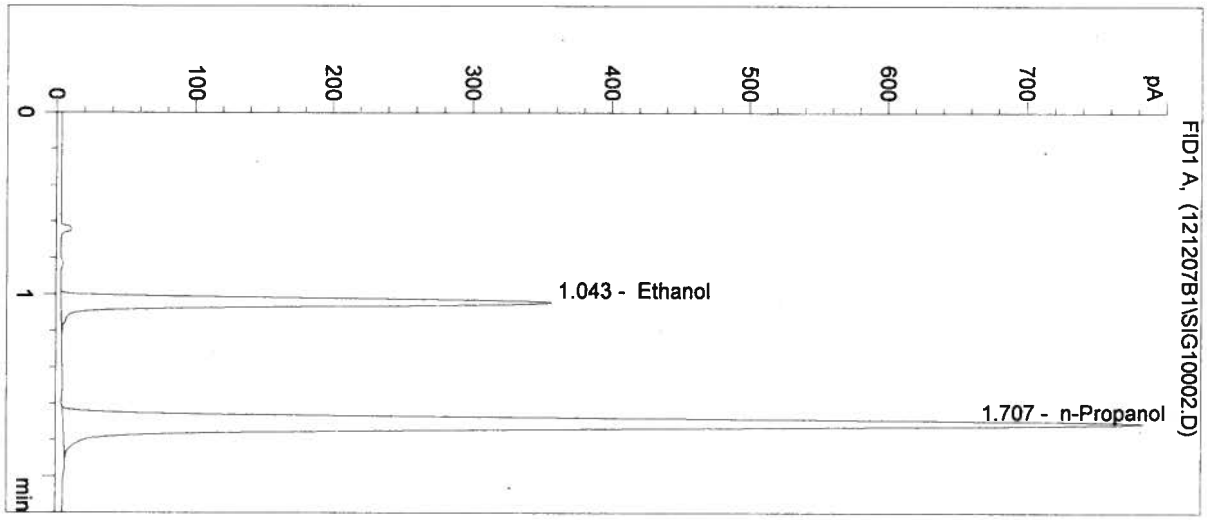
12053

BWO

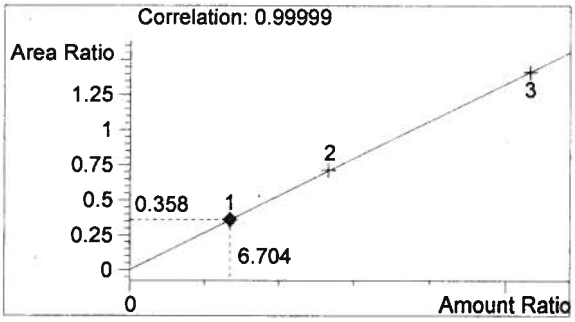
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:18:56 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100 mL

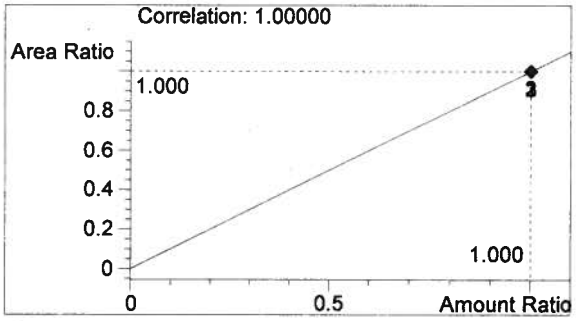
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.043
2	n-Propanol	3056	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12053

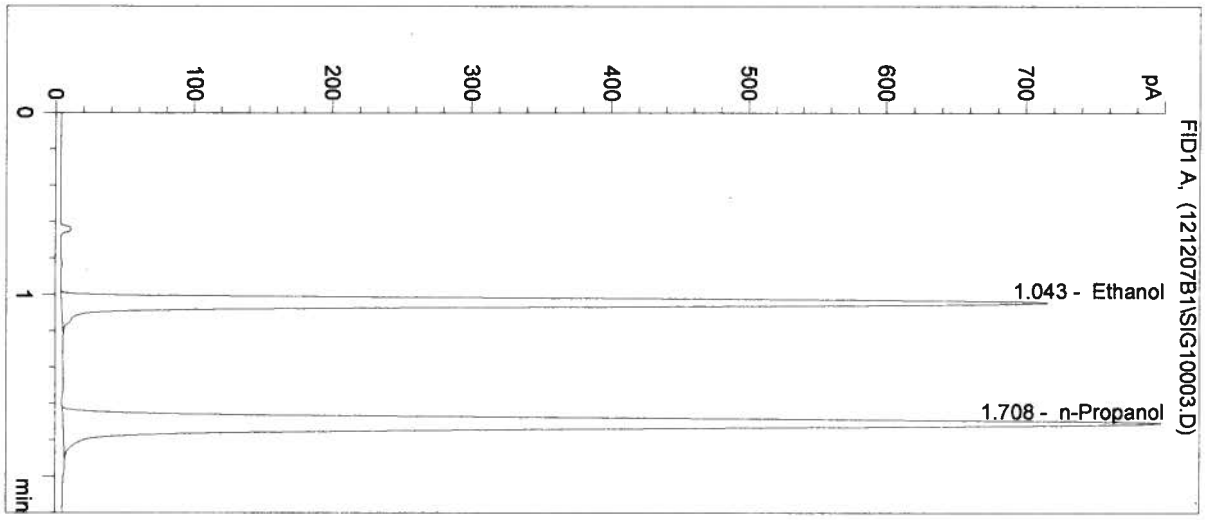
BW

Data File: C:\HPCHEM\1\DATA\121207B1\SIG10002.D

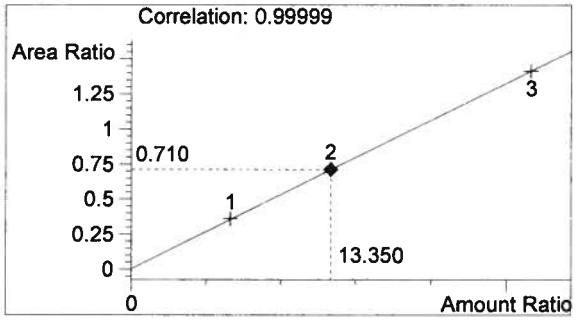
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:22:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2 0.158 g/100 mL

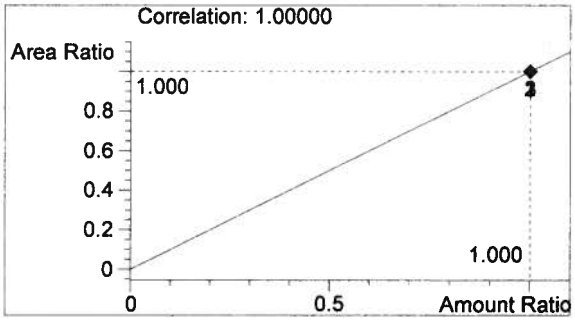
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2215	1.043
2	n-Propanol	3118	1.708



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

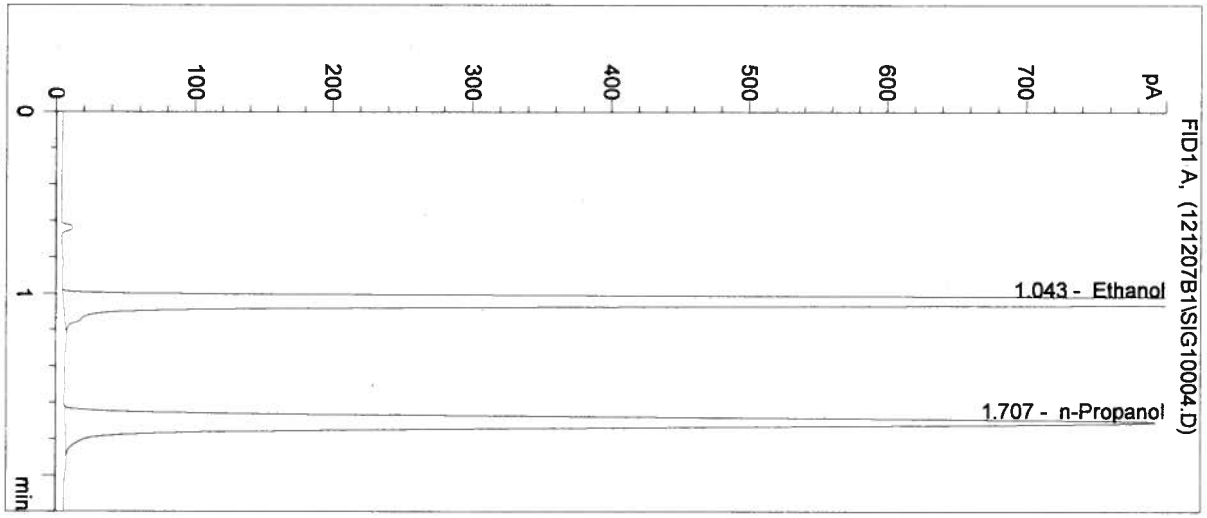
12053

BLD

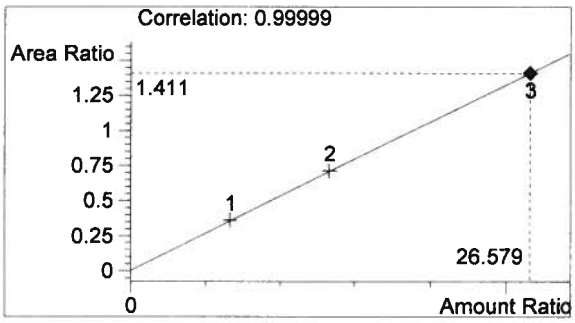
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:25:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100 mL

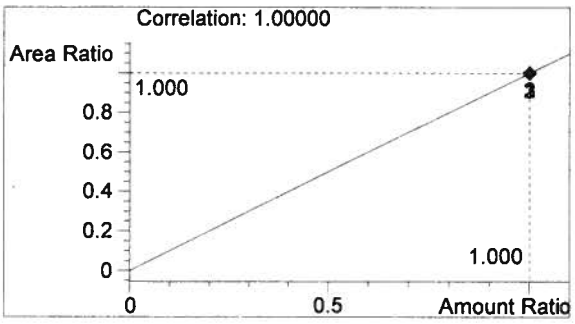
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	4367	1.043
2	n-Propanol	3094	1.707



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

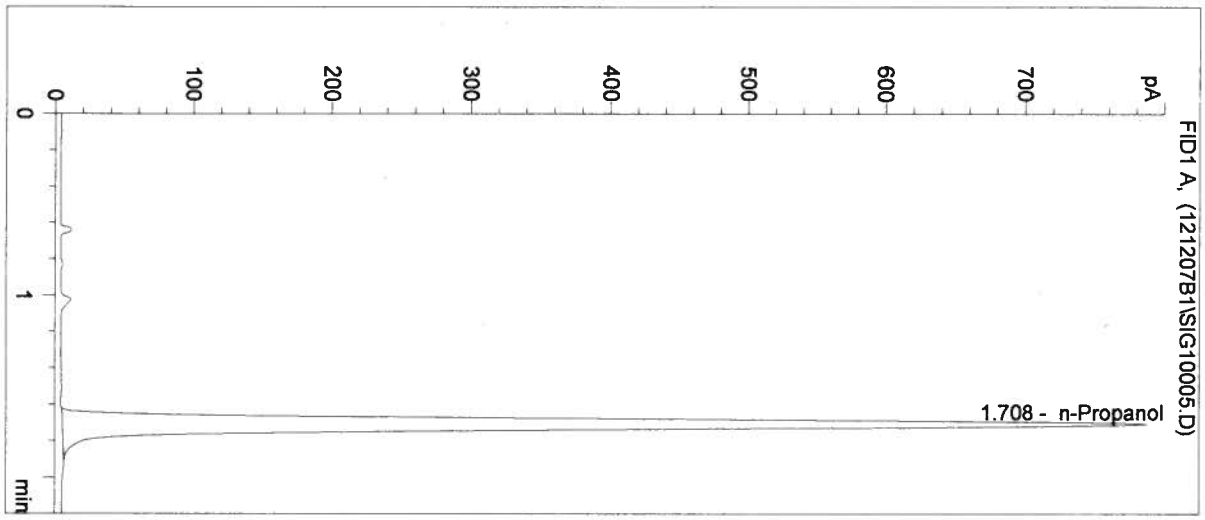
12053

BW

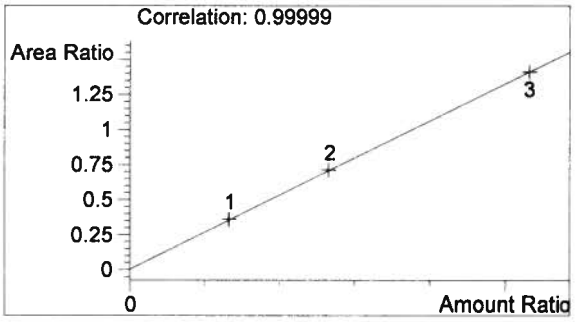
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:28:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

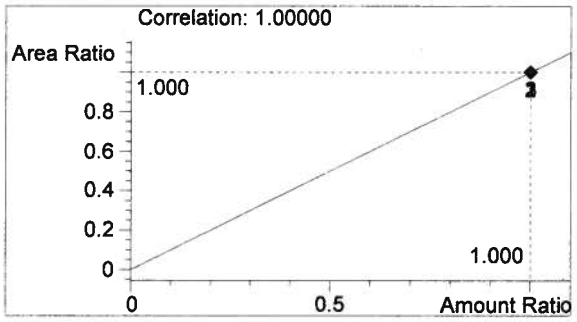
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3073	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

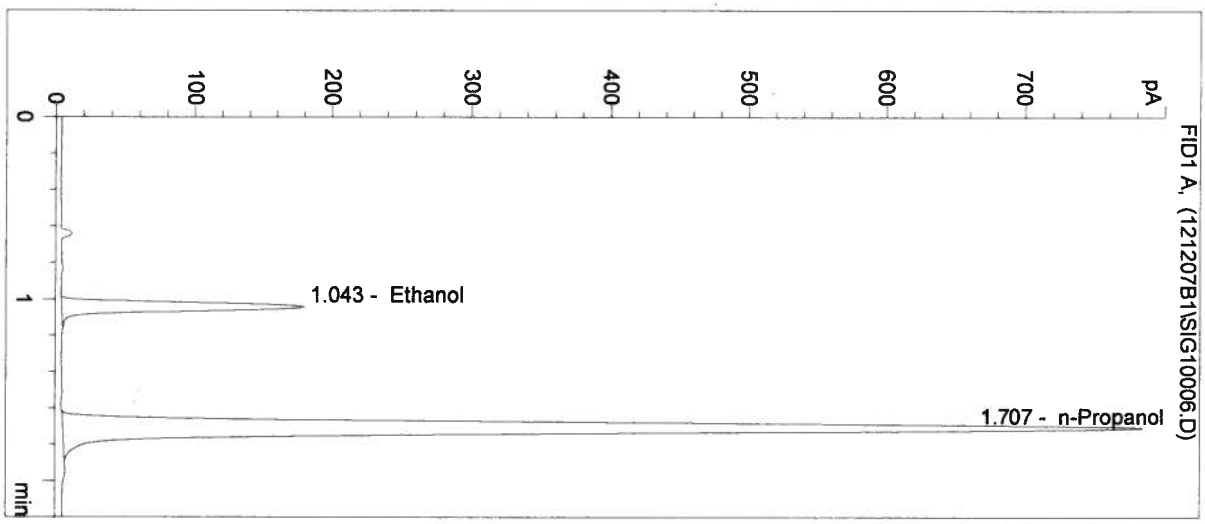
12053

BW

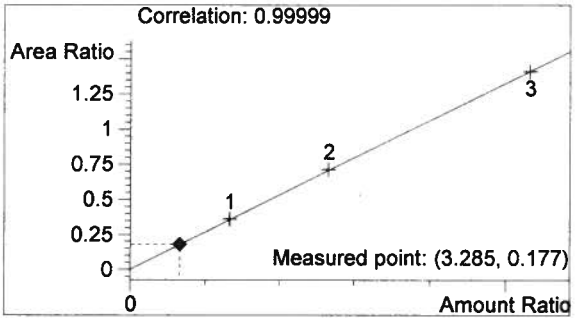
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:31:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100 mL

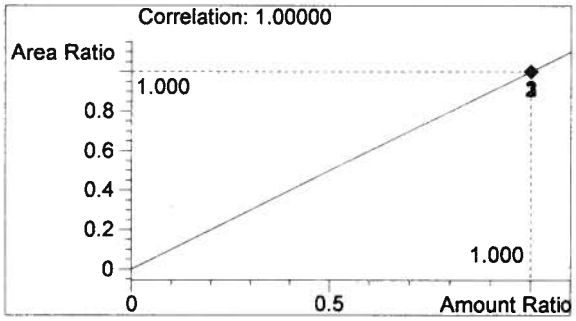
Sample Name: CTRL 1 (0.04)-BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	542	1.043
2	n-Propanol	3063	1.707



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

12053

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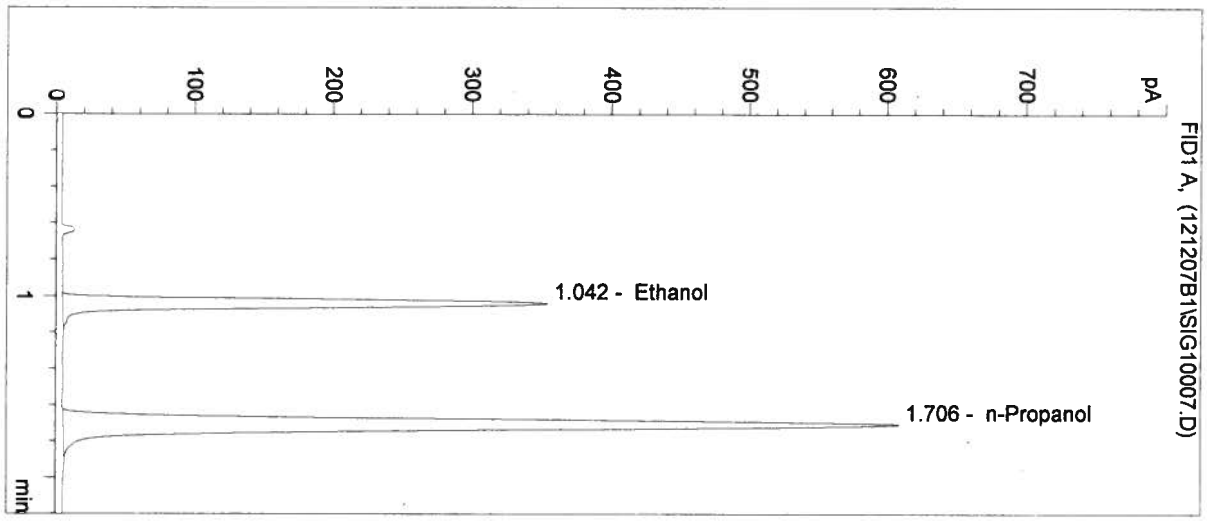
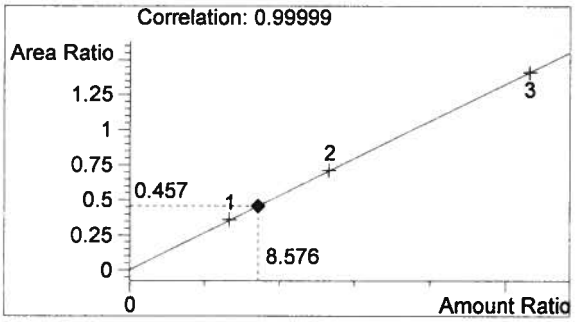
Inj. Date: 12/7/2012 11:34:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

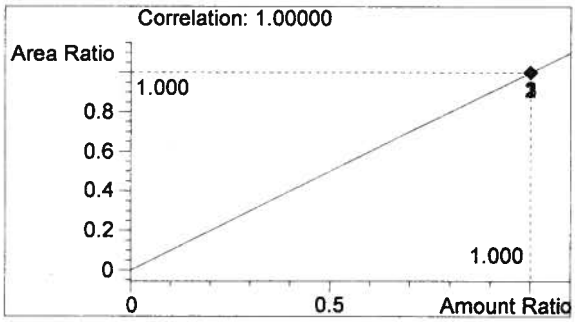
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.042
2	n-Propanol	2379	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121207B1\SIG10007.D

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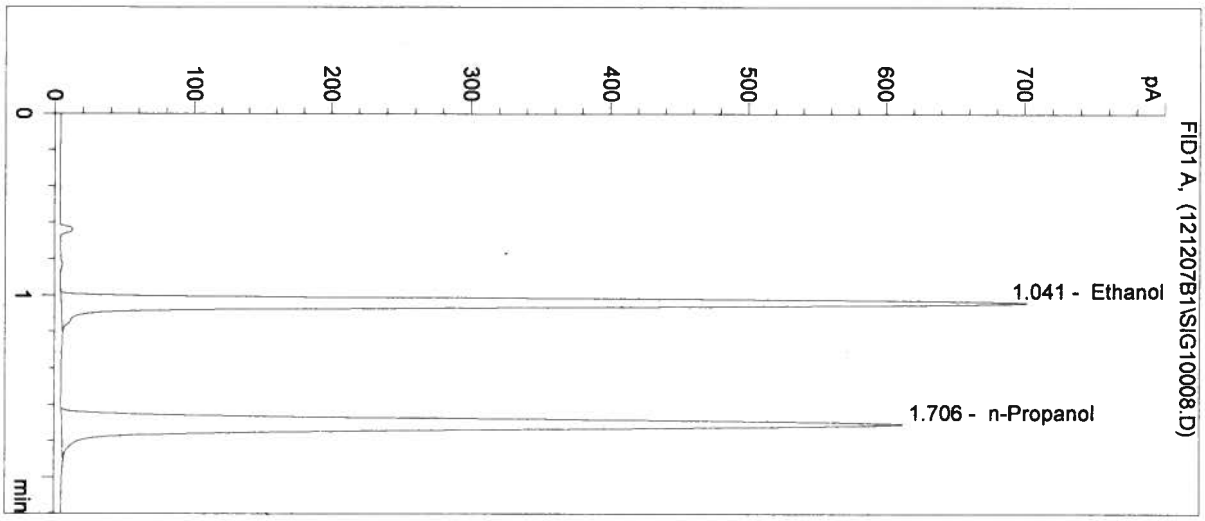
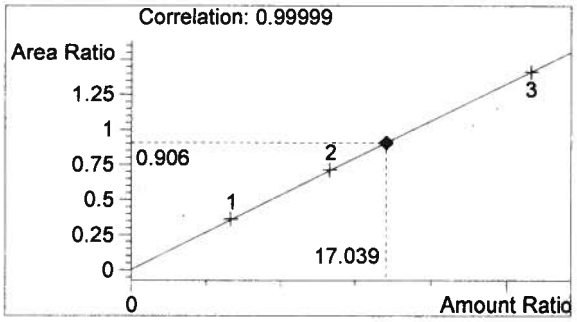
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:37:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100 mL

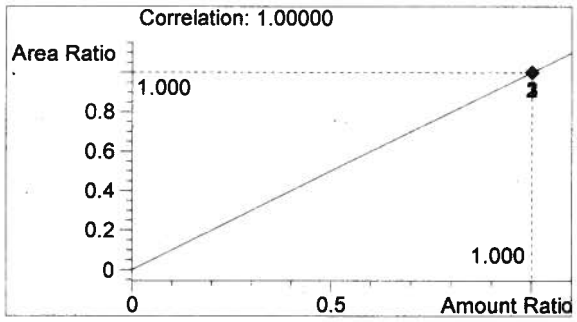
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2171	1.041
2	n-Propanol	2396	1.706



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121207B1\SIG10008.D

BW

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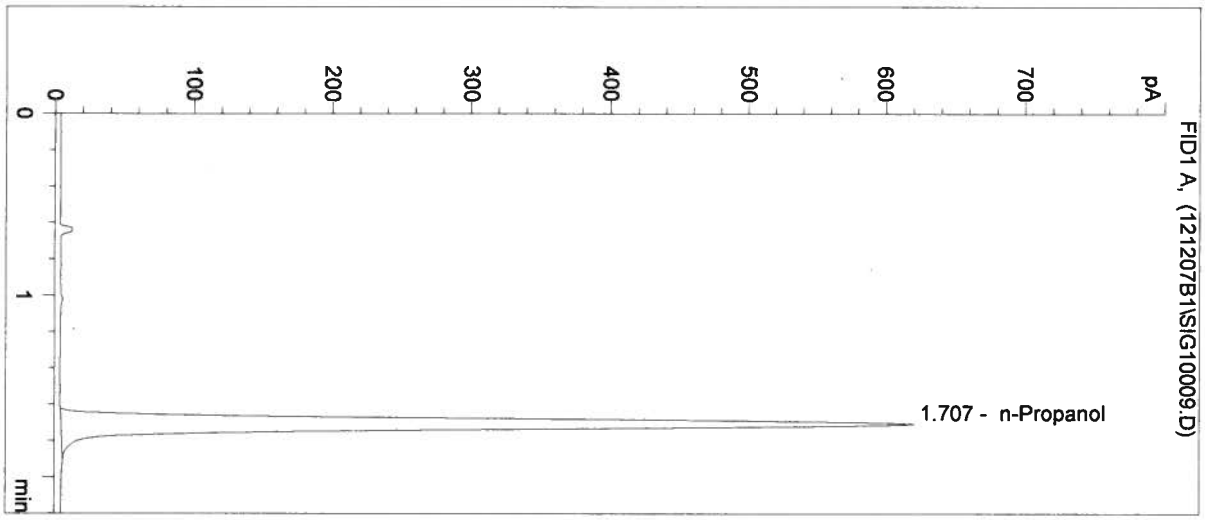
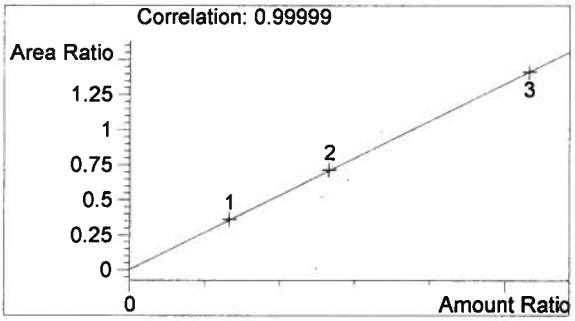
Inj. Date: 12/7/2012 11:40:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

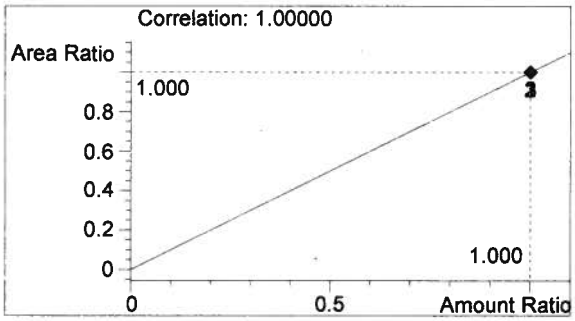
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2426	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

BW

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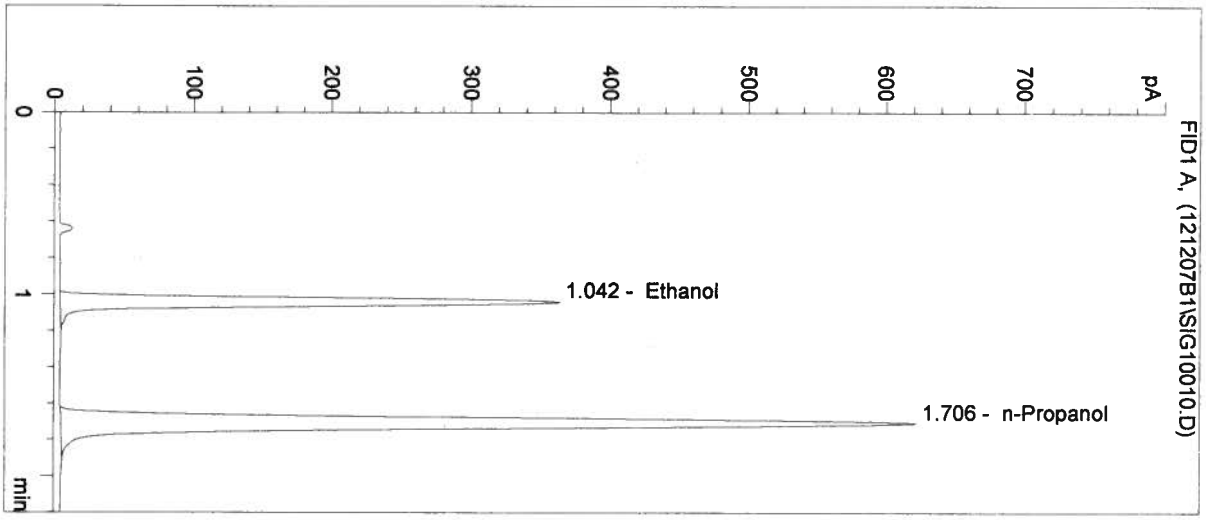
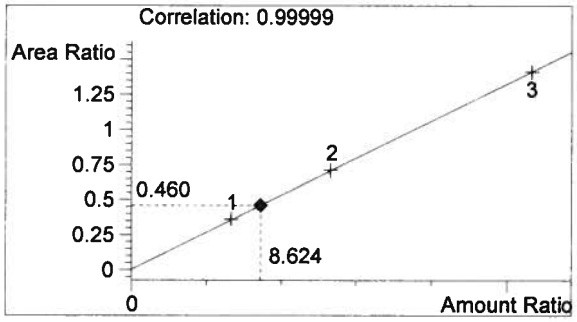
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:43:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

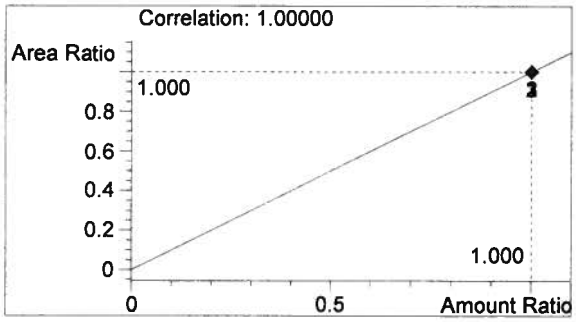
Sample Name: 12053 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.042
2	n-Propanol	2436	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BEW

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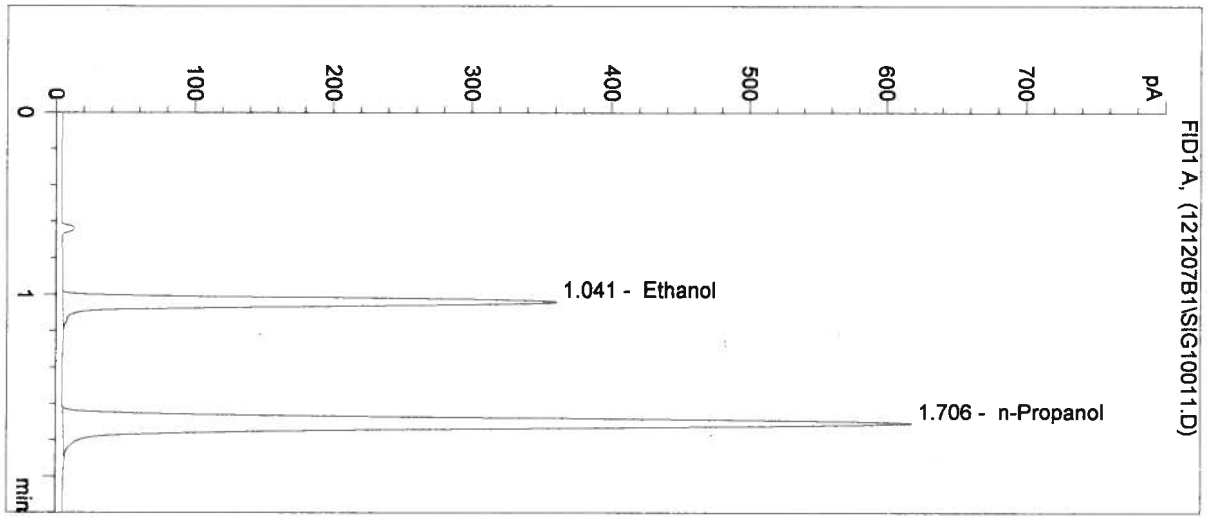
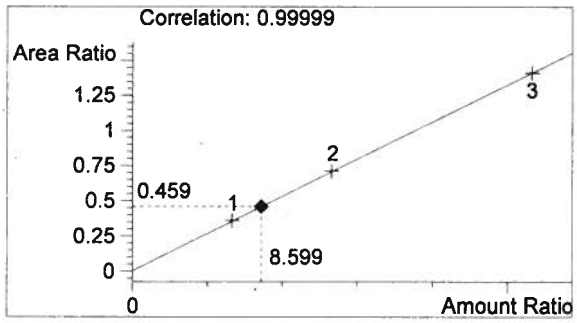
Inj. Date: 12/7/2012 11:46:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

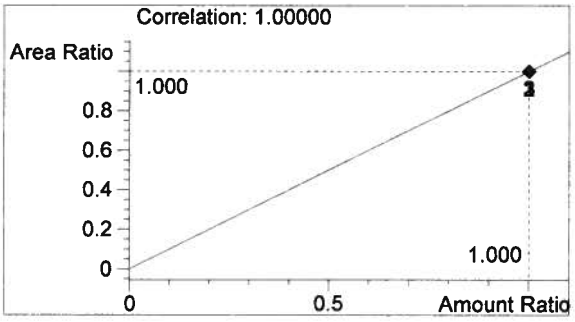
Sample Name: 12053 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.041
2	n-Propanol	2426	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BW

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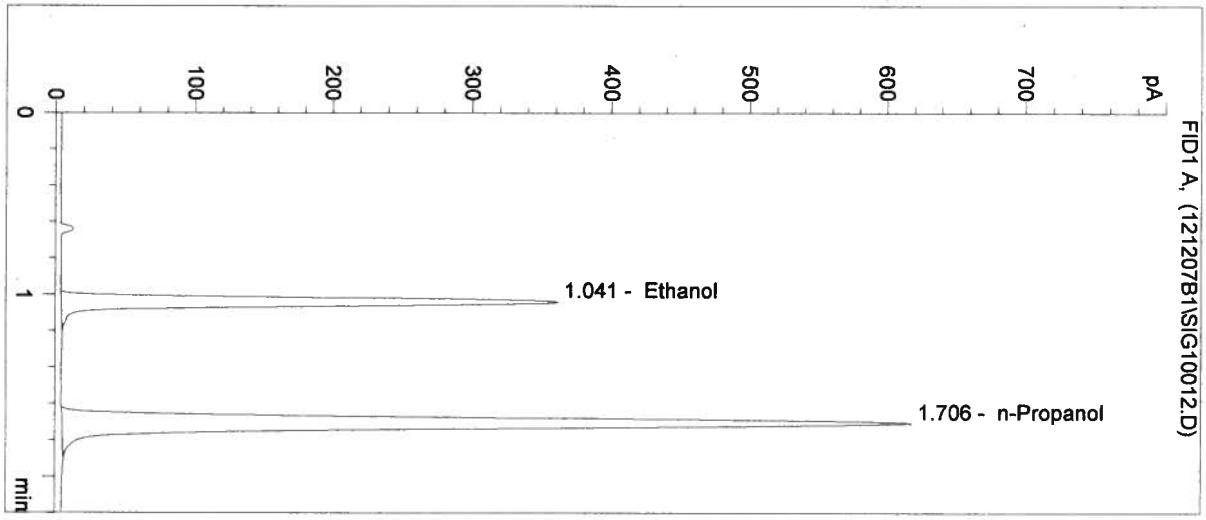
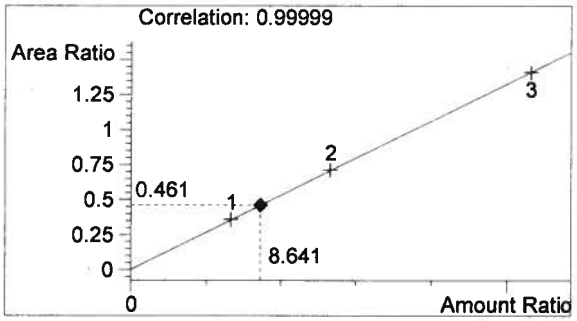
Inj. Date: 12/7/2012 11:49:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

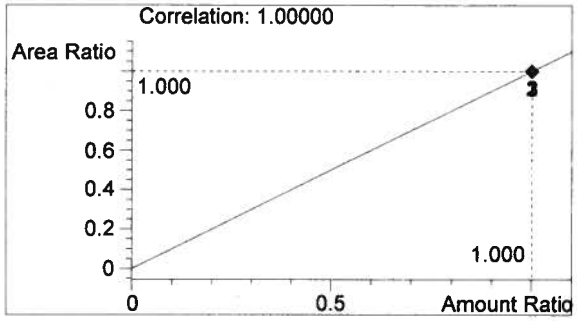
Sample Name: 12053 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.041
2	n-Propanol	2418	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

BW

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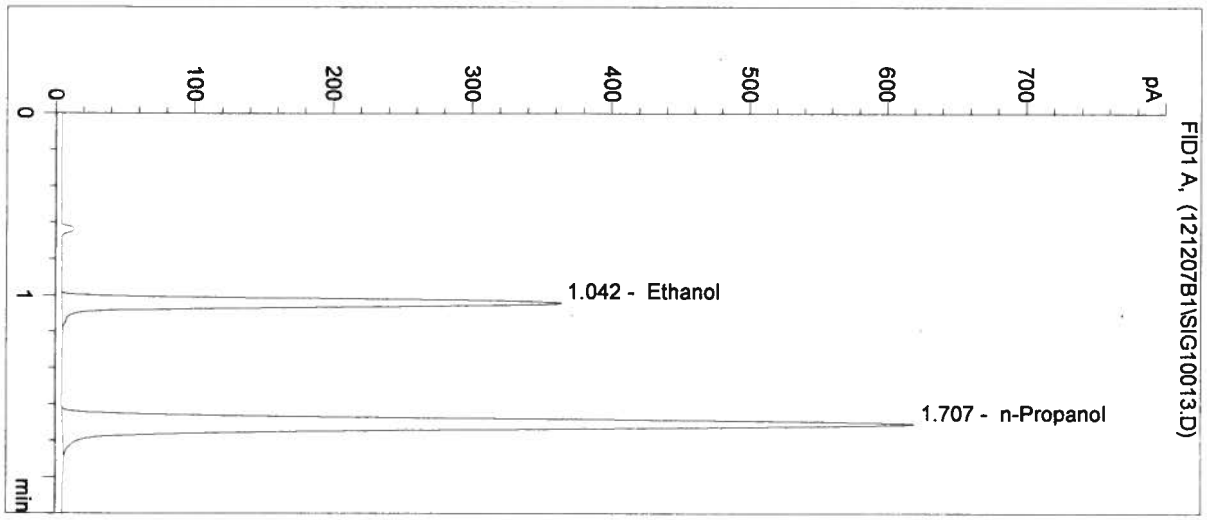
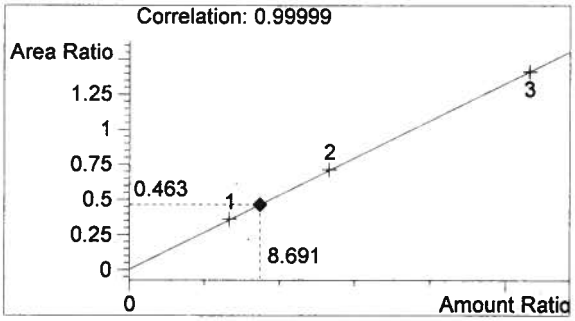
Inj. Date: 12/7/2012 11:52:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

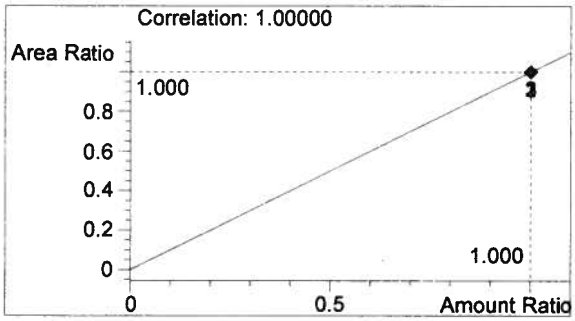
Sample Name: 12053 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.042
2	n-Propanol	2425	1.707



Ethanol 0.104 g/100mL



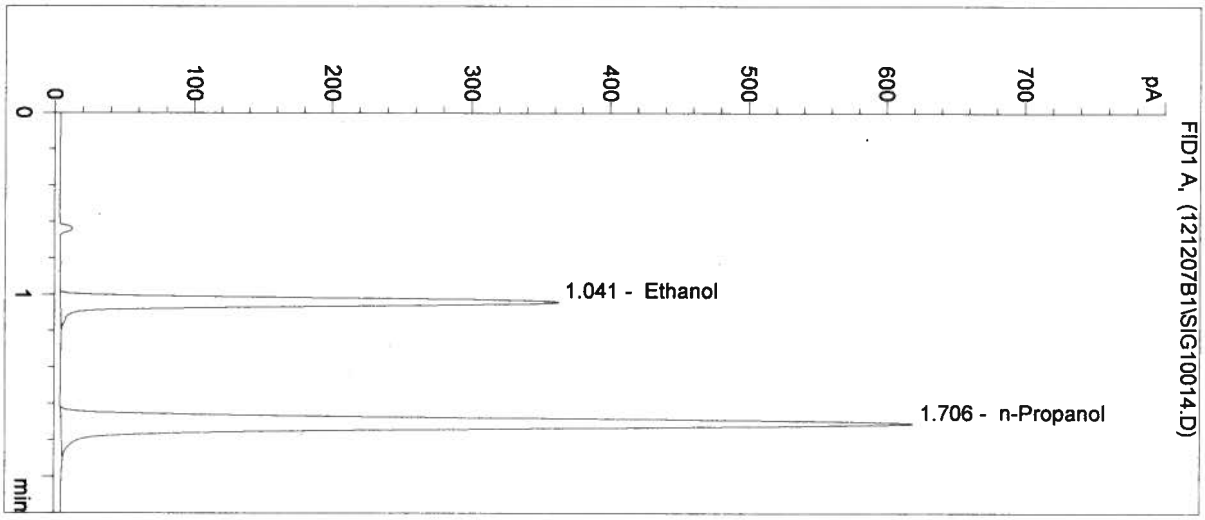
n-Propanol 0.012 g/100mL

BW

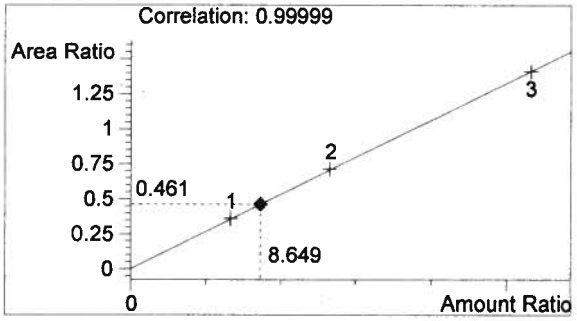
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:55:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

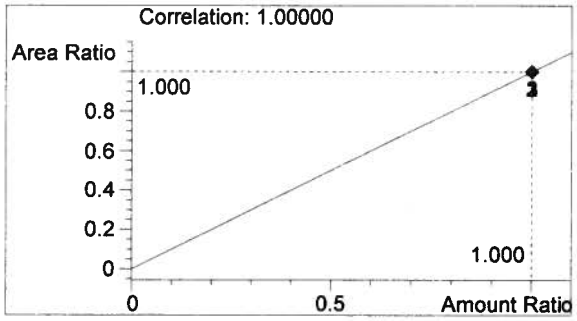
Sample Name: 12053 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.041
2	n-Propanol	2424	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\121207B1\SIG10014.D

BW

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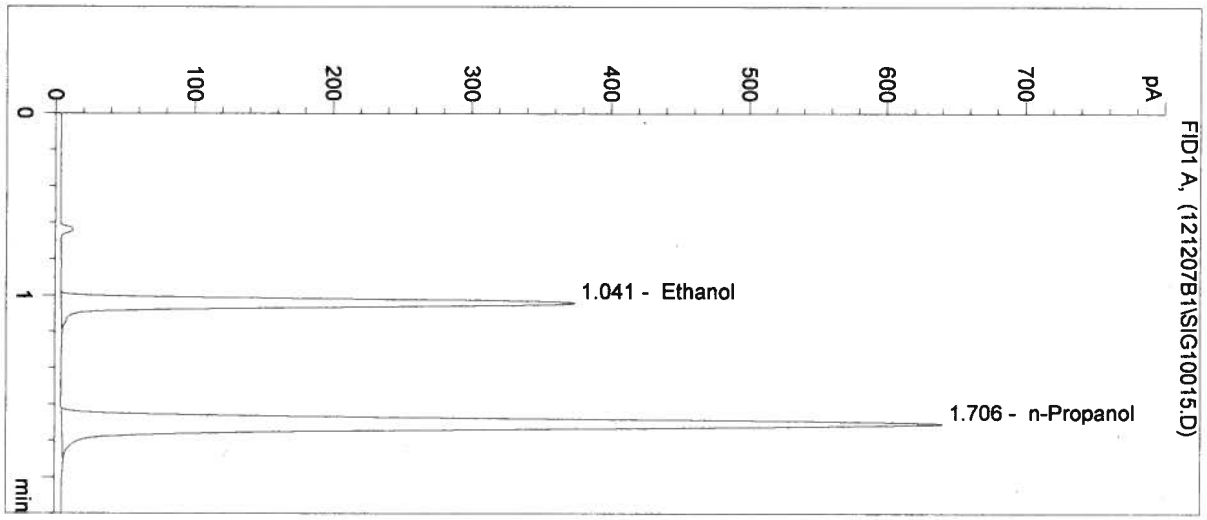
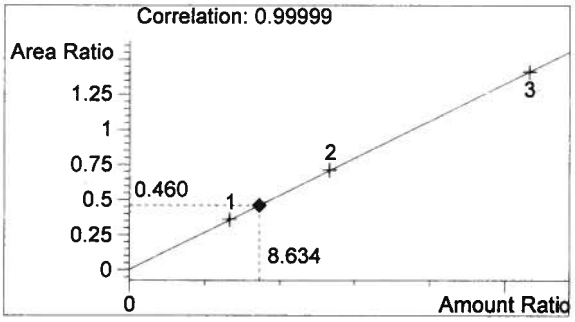
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/7/2012 11:58:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

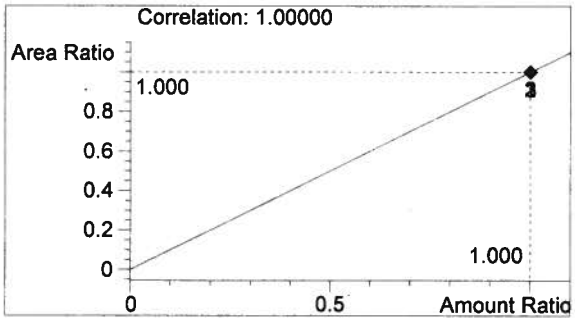
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1157	1.041
2	n-Propanol	2512	1.706



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

12053

BW

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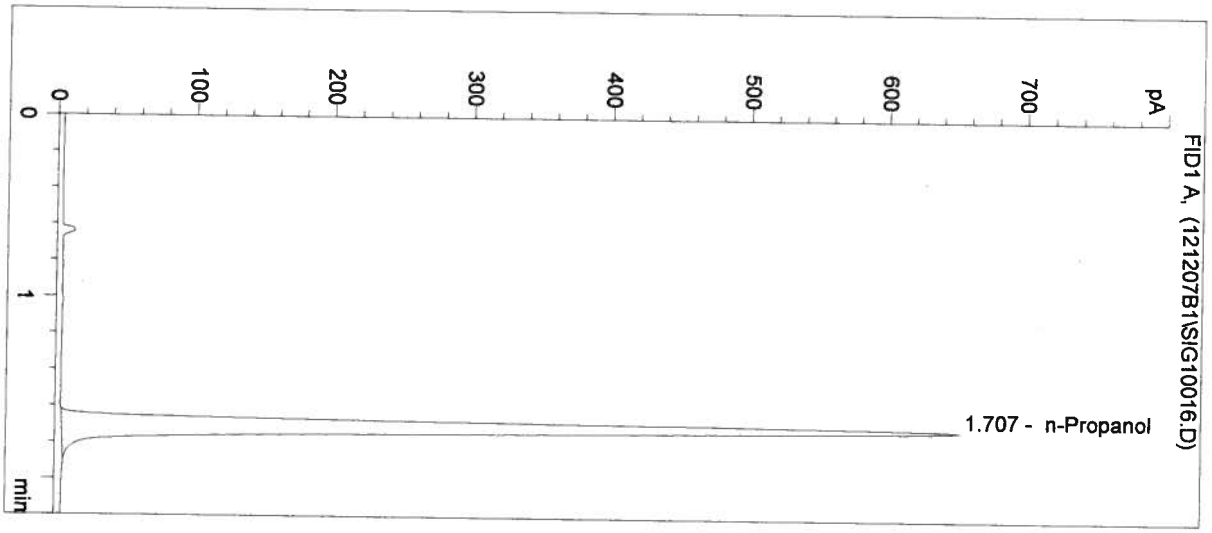
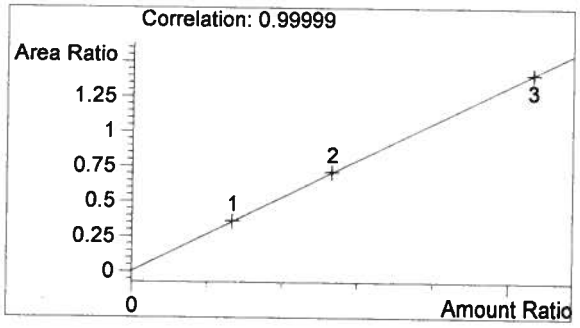
Inj. Date: 12/7/2012 12:02:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

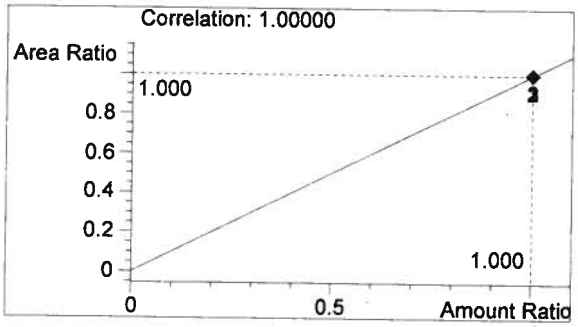
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2559	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121207B1\SIG10016.D

BWO

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121210BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

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

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	12053-1	SIMALC1	1	Sample		
11	Vial 11	12053-2	SIMALC1	1	Sample		
12	Vial 12	12053-3	SIMALC1	1	Sample		
13	Vial 13	12053-4	SIMALC1	1	Sample		
14	Vial 14	12053-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

BB

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

Sequence Table (Back Injector):

No entries - empty table!

12053

BB

Calibration Table

Calib. Data Modified : Monday, December 10, 2012 8:04:27 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.043	1	1	7.98400e-2	914.87091	8.72691e-5	1		Ethanol
		2	1.59780e-1	1748.56628	9.13777e-5			
		3	3.19310e-1	3602.02026	8.86475e-5			
1.708	1	1	1.20000e-2	2489.03320	4.82115e-6	I1		n-Propanol
		2	1.20000e-2	2402.14209	4.99554e-6			
		3	1.20000e-2	2479.74683	4.83920e-6			

Peak Sum Table

No Entries in table

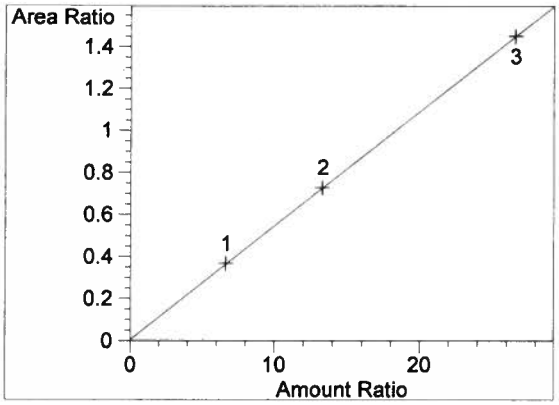
12053

BB

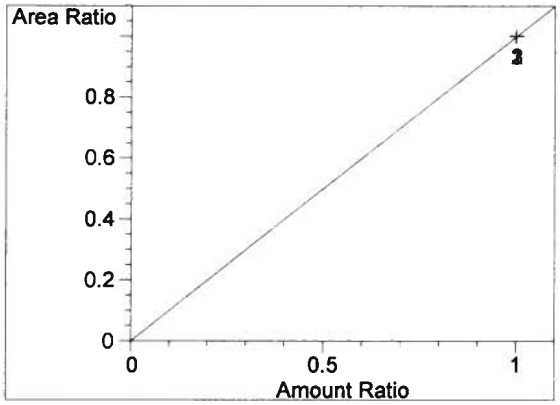
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00242
Formula: y = mx + b
m: 5.45377e-2
b: 1.95669e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.708
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

==========

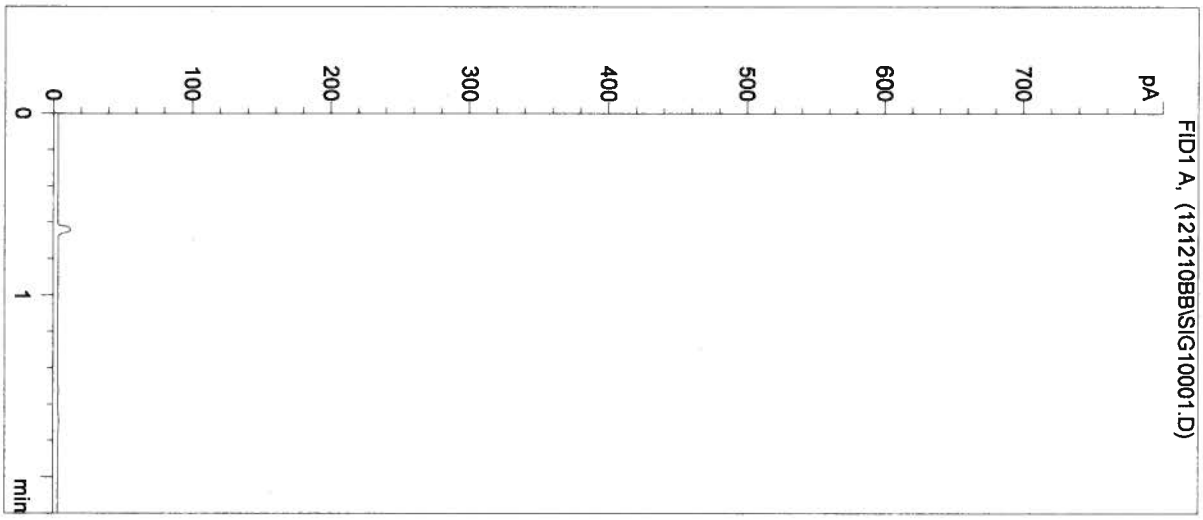
12053

BB

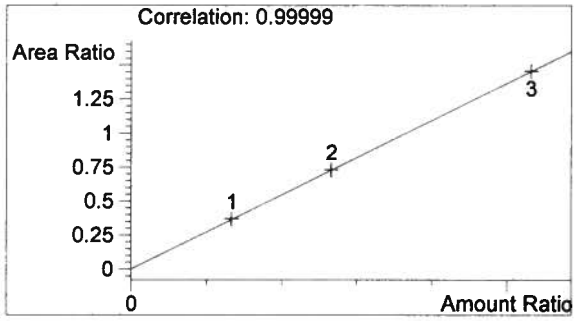
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 7:53:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

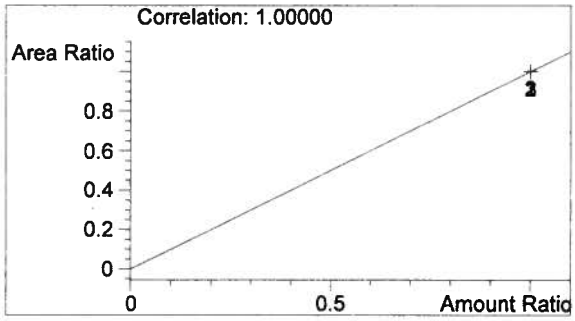
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12053

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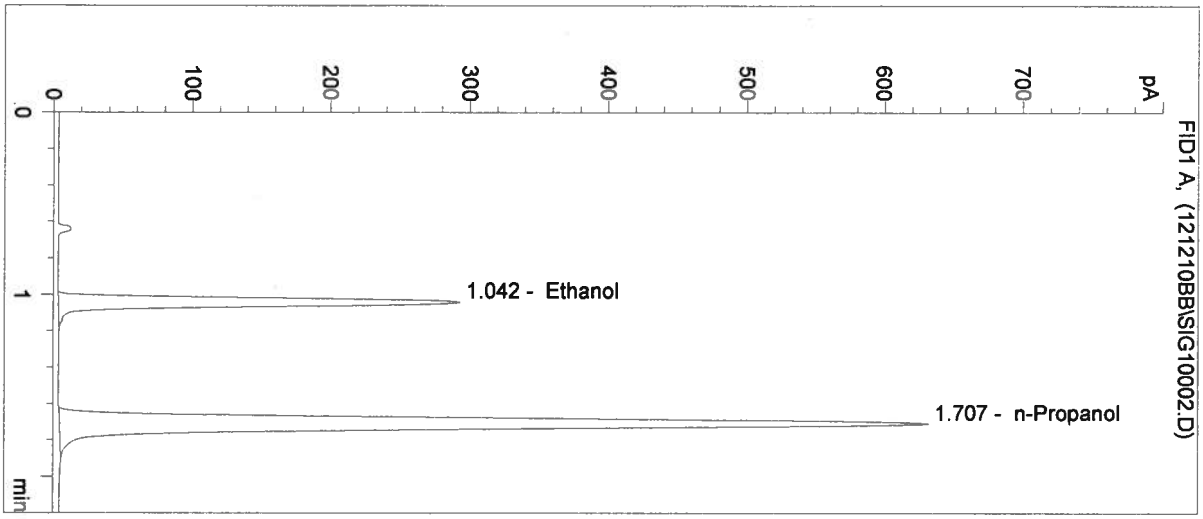
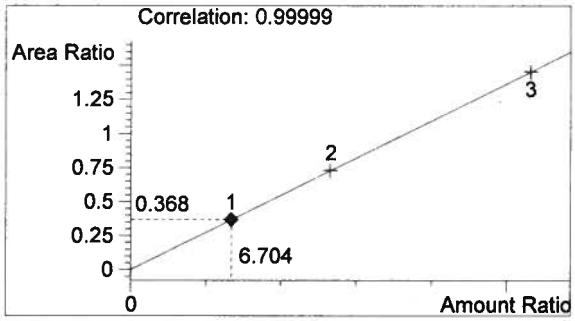
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 7:56:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

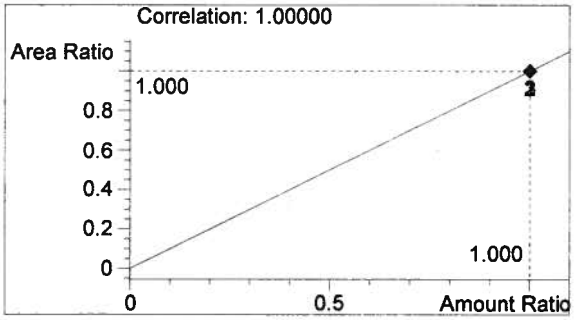
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	915	1.042
2	n-Propanol	2489	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12053

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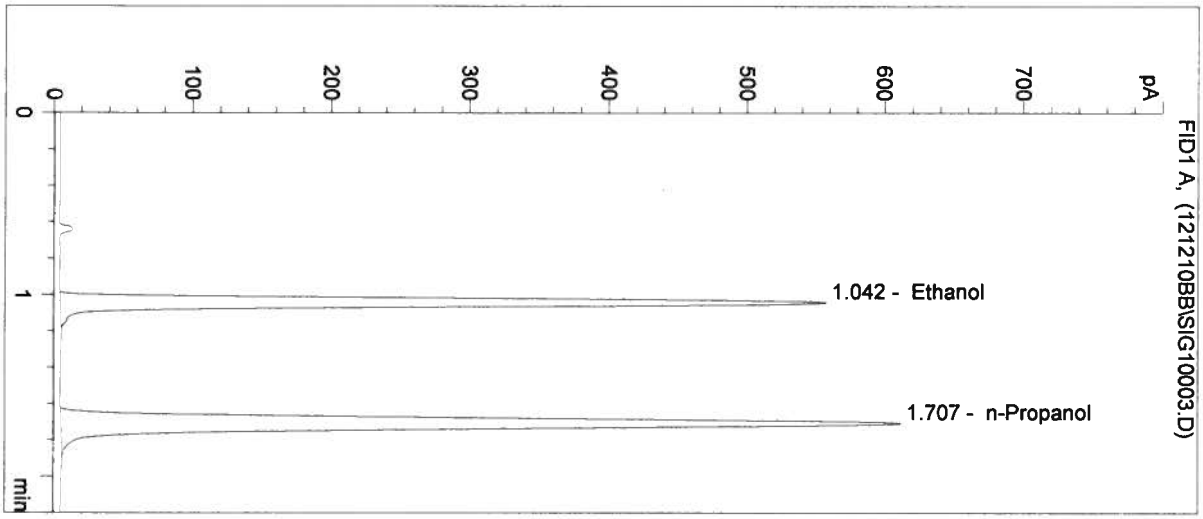
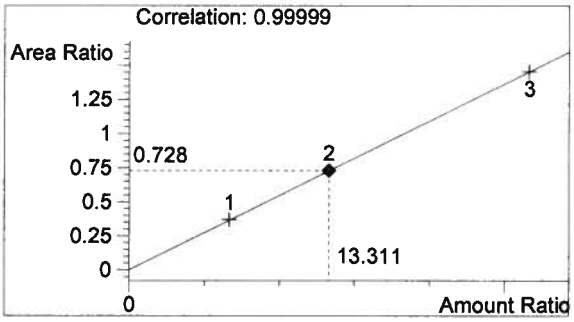
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 7:59:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

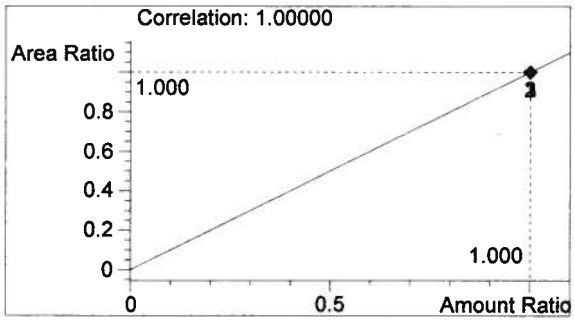
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1749	1.042
2	n-Propanol	2402	1.707



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

12053

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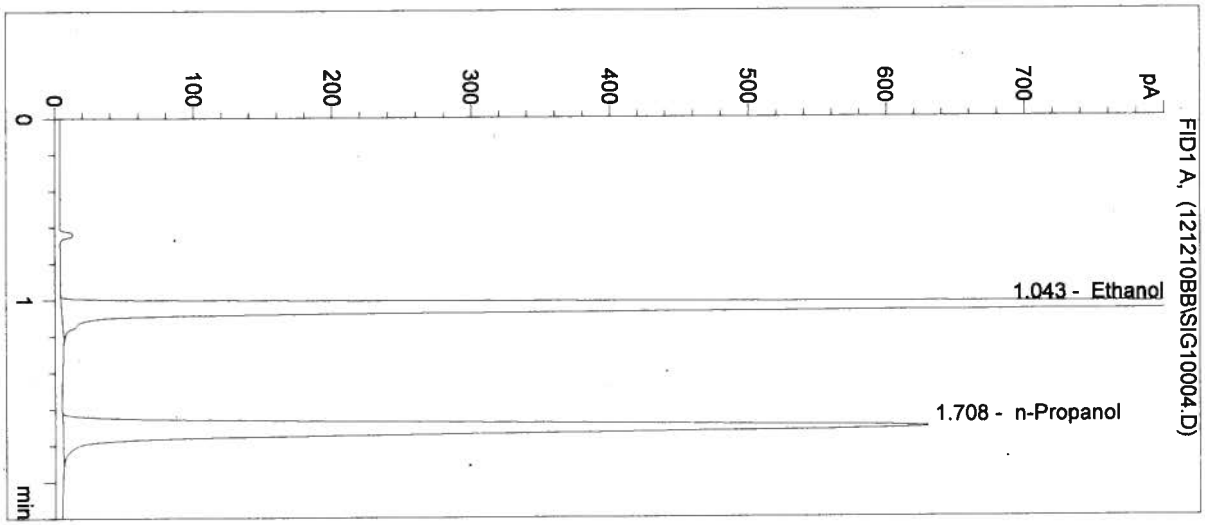
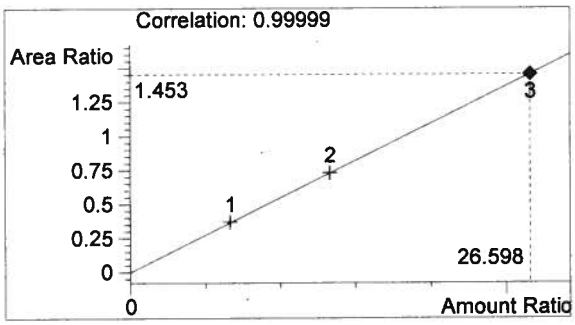
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:02:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

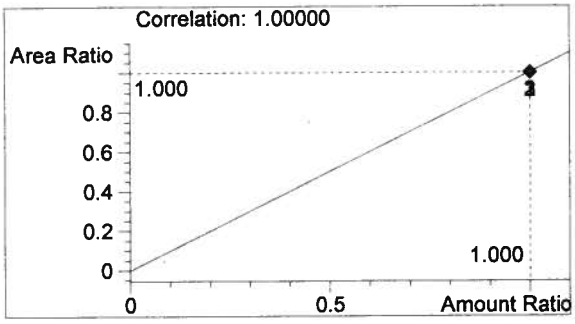
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3602	1.043
2	n-Propanol	2480	1.708



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12053

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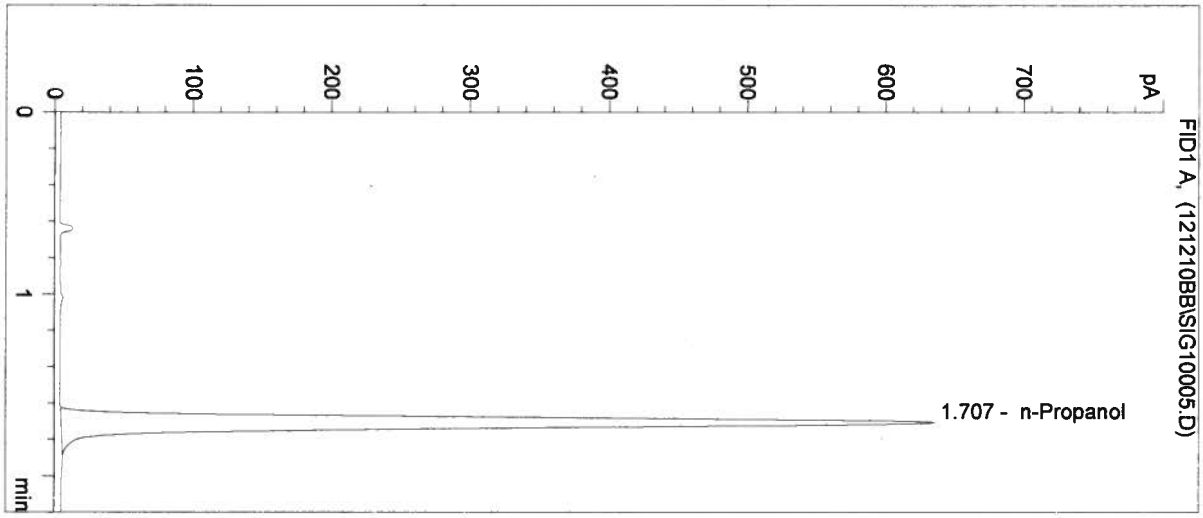
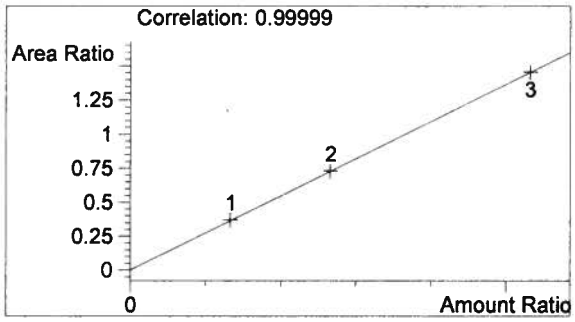
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:05:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

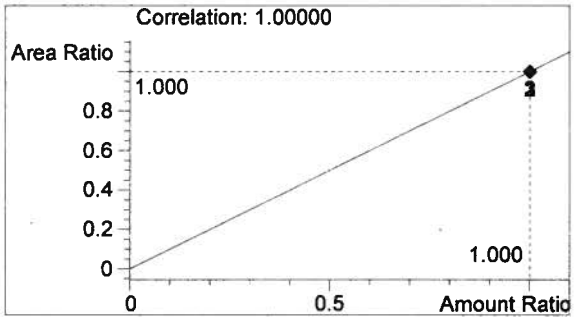
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2496	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

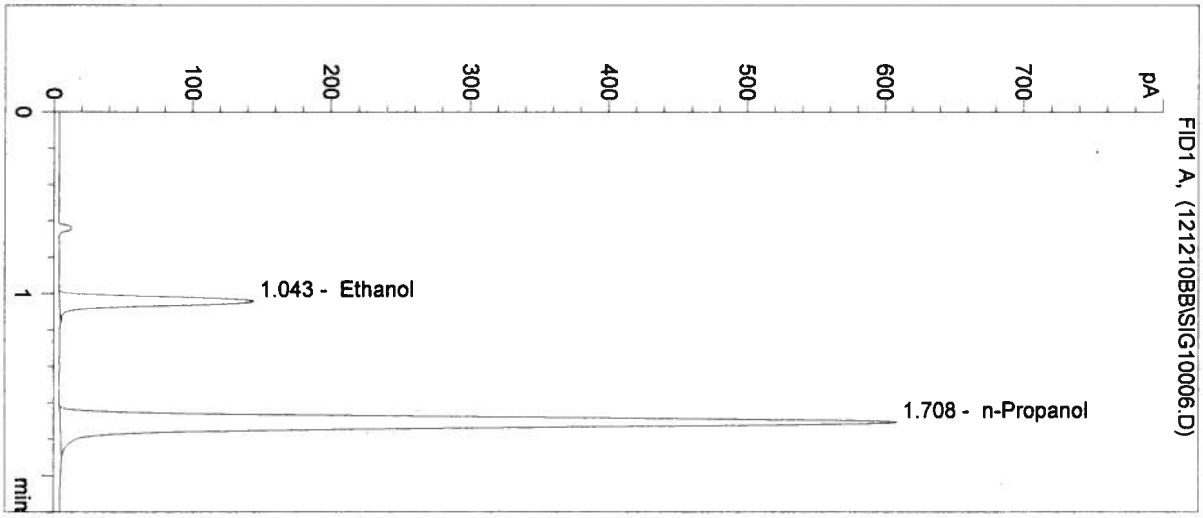
12053

Data File: C:\HPCHEM\1\DATA\121210BB\SIG10005.D

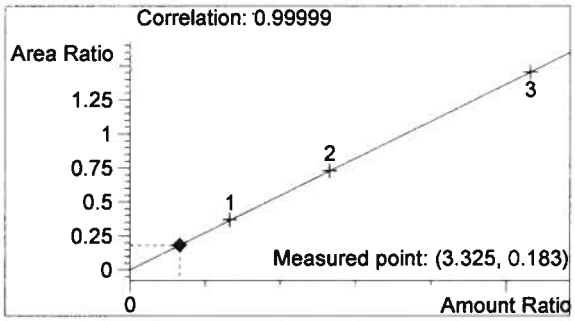
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:08:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

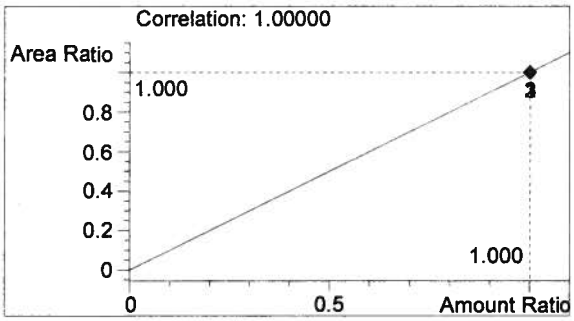
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	439	1.043
2	n-Propanol	2394	1.708



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12053

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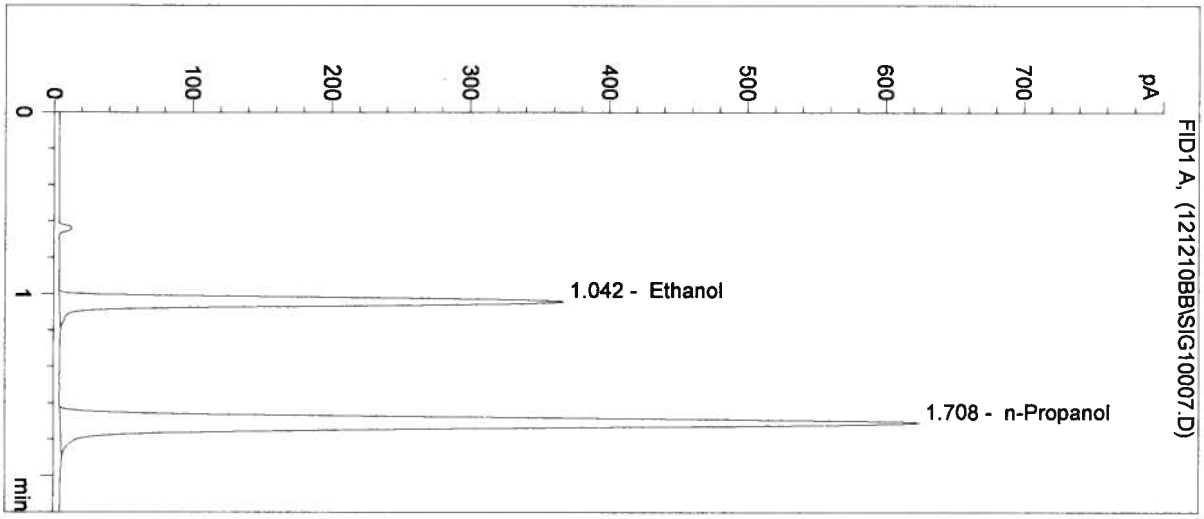
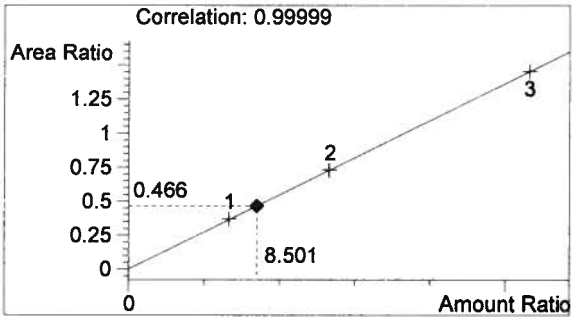
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:11:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

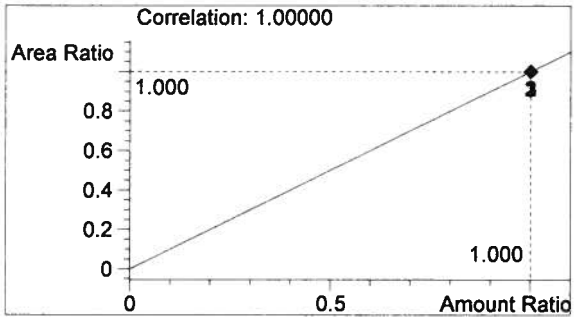
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1145	1.042
2	n-Propanol	2460	1.708



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121210BB\SIG10007.D

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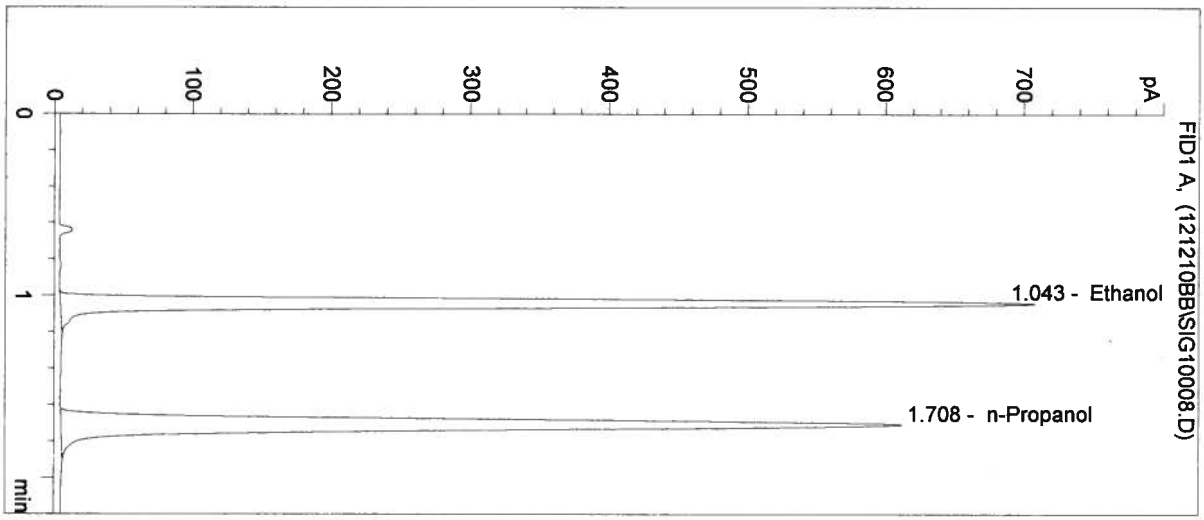
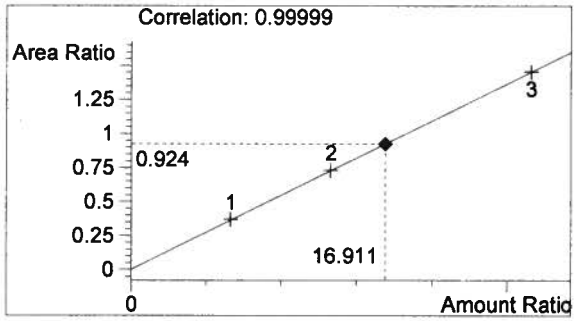
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:14:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

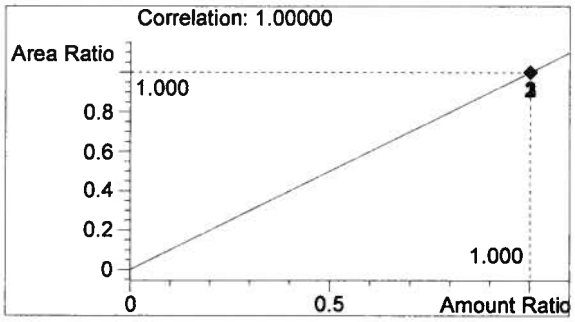
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2220	1.043
2	n-Propanol	2402	1.708



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

12058

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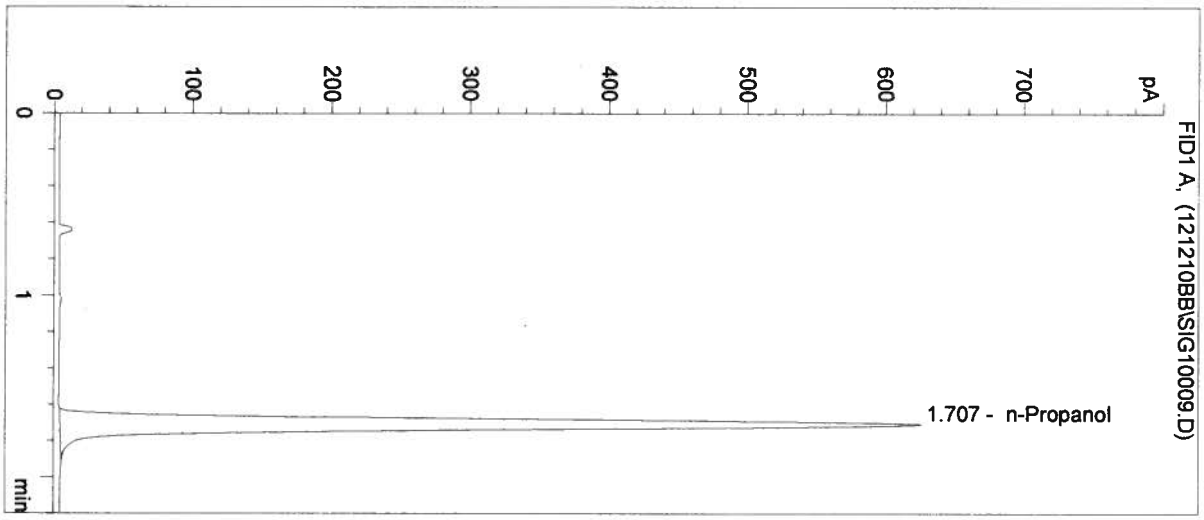
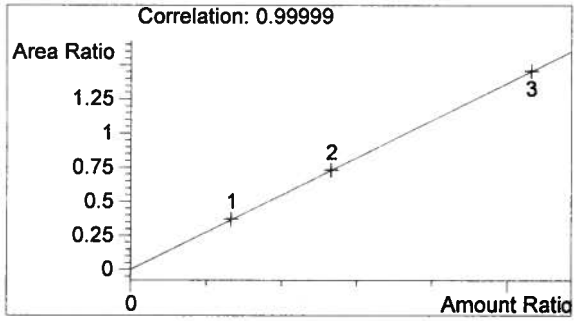
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:17:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

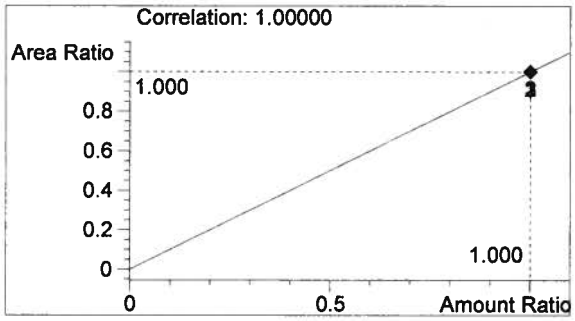
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2456	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

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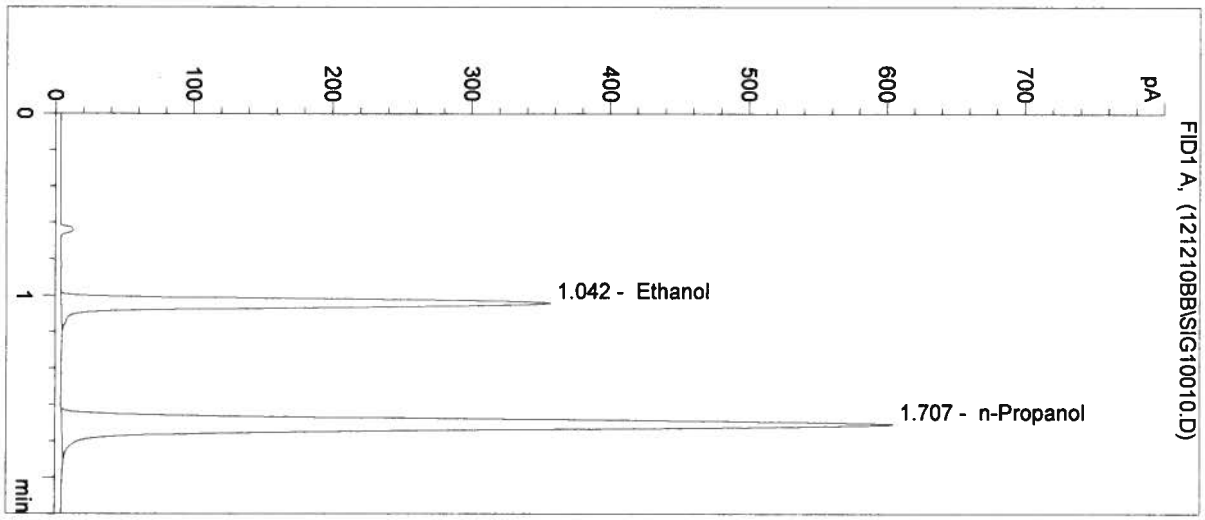
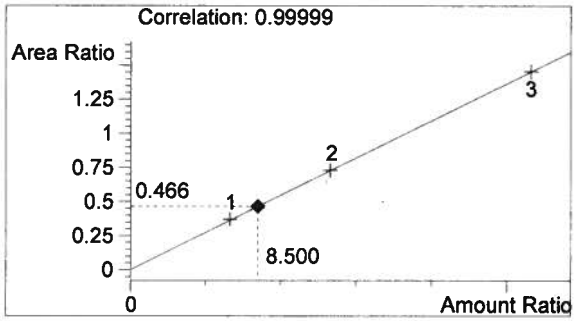
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:20:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

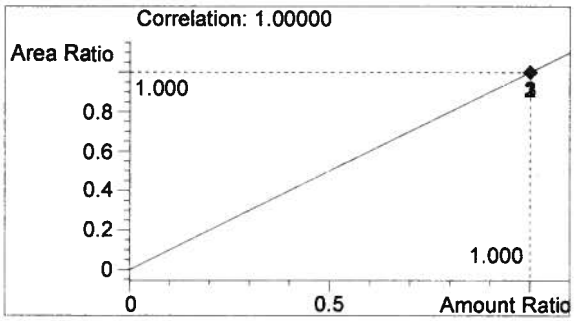
Sample Name: 12053-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2375	1.707



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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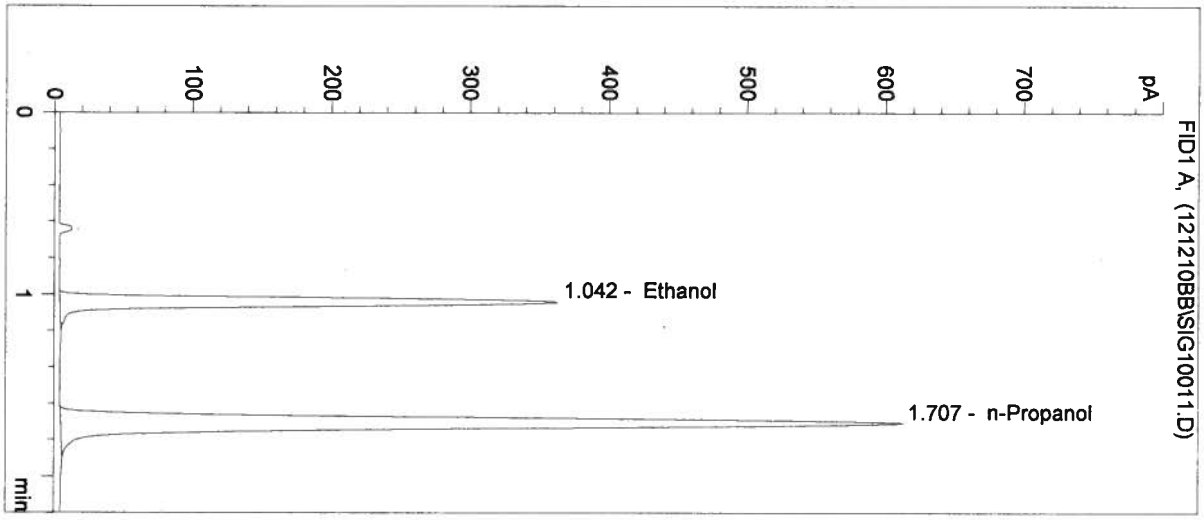
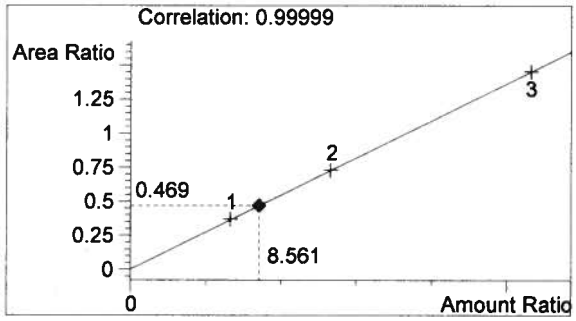
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:23:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

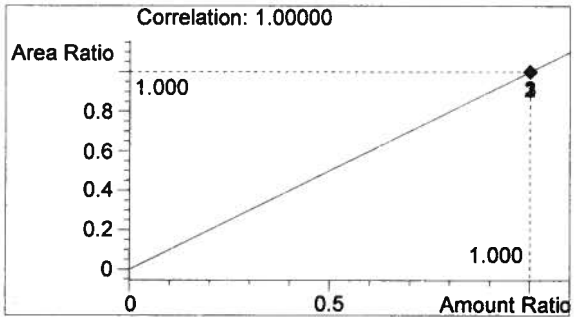
Sample Name: 12053-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.042
2	n-Propanol	2407	1.707



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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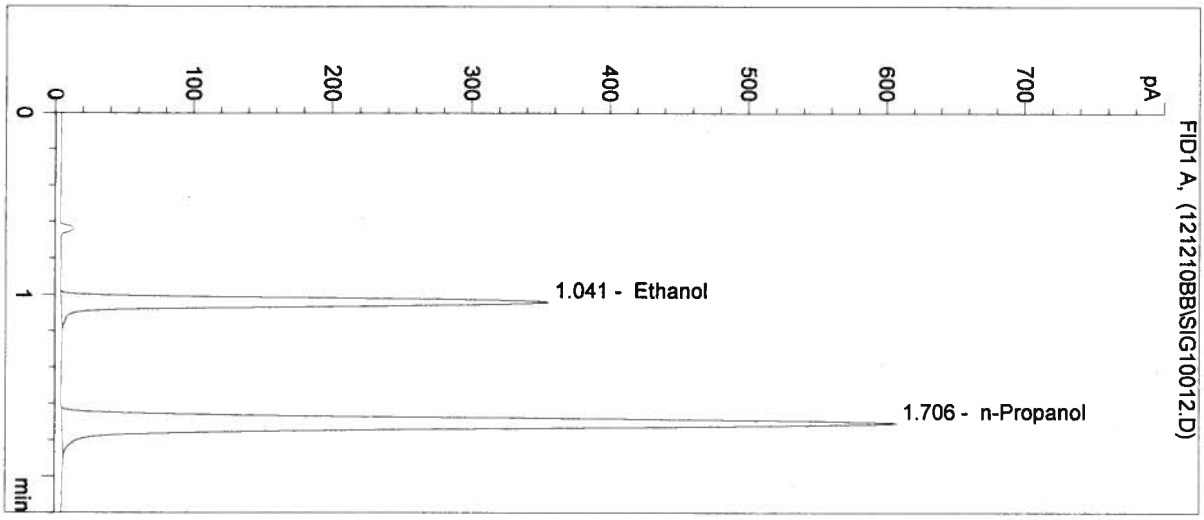
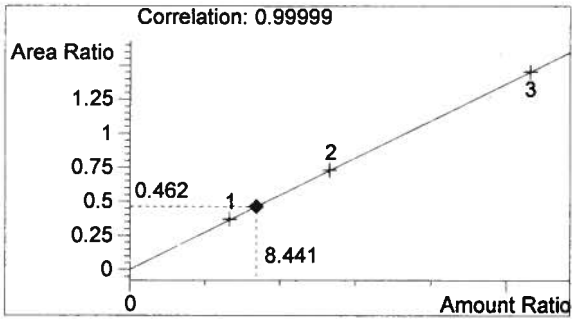
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:26:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

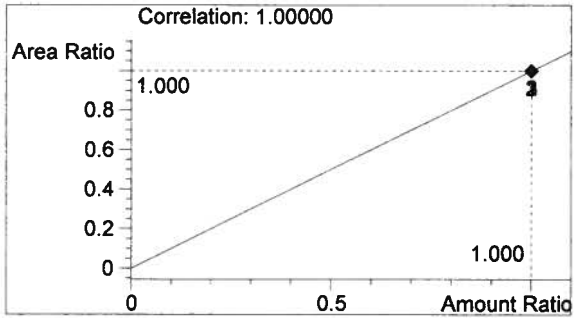
Sample Name: 12053-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.041
2	n-Propanol	2387	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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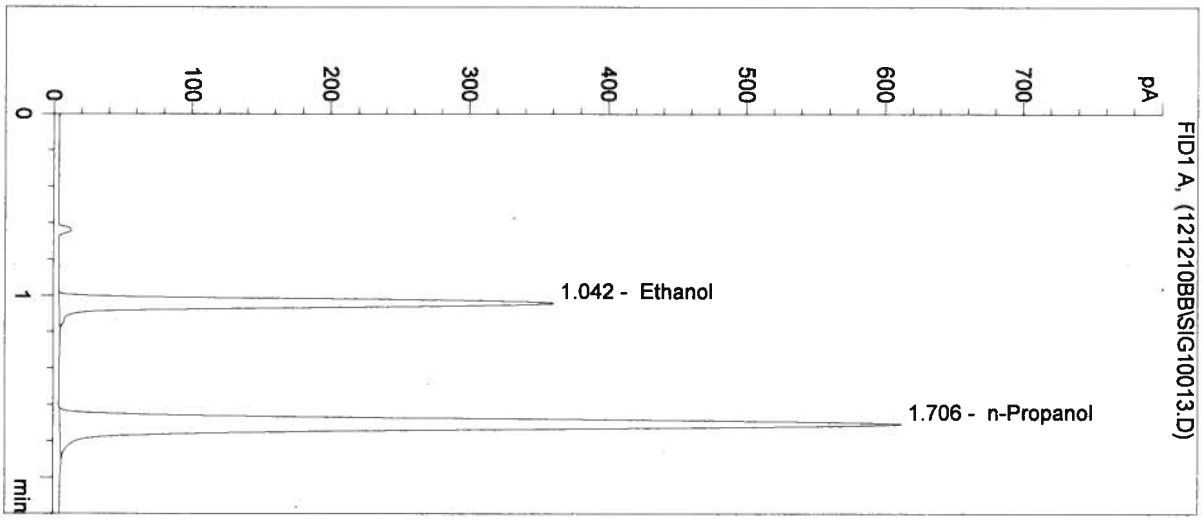
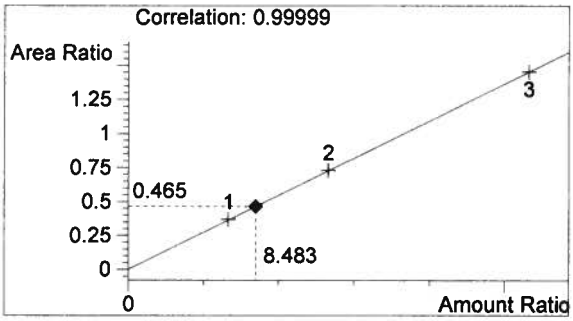
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:29:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

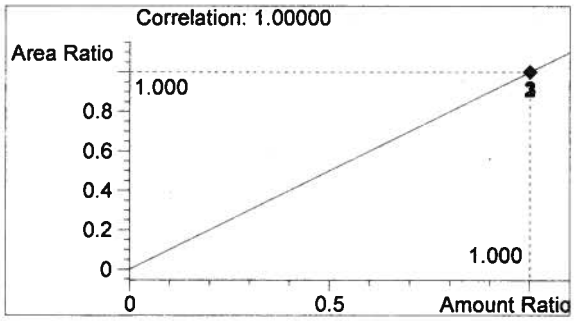
Sample Name: 12053-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.042
2	n-Propanol	2403	1.706



Ethanol 0.102 g/100mL



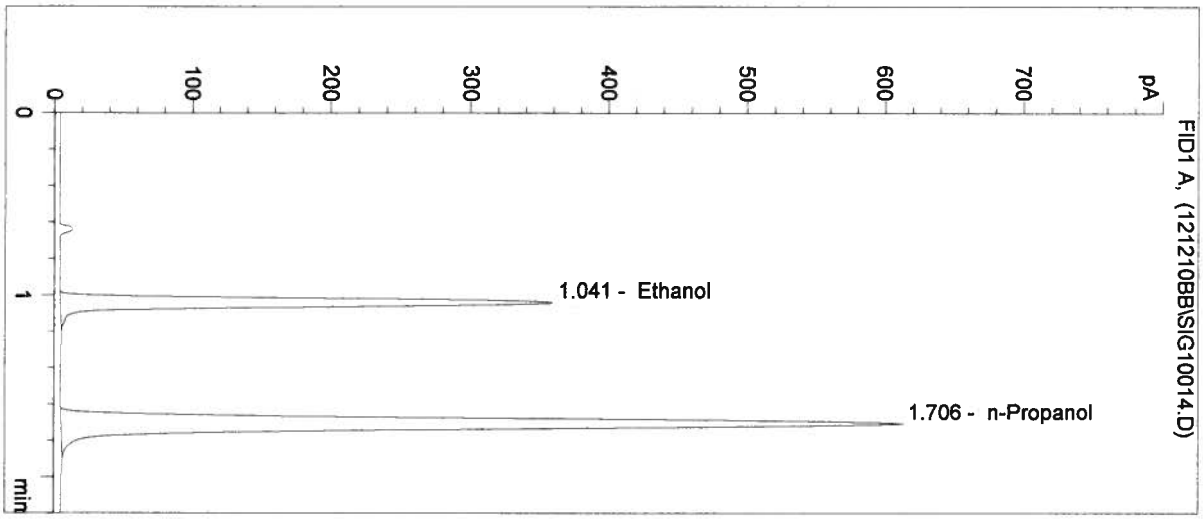
n-Propanol 0.012 g/100mL

BB

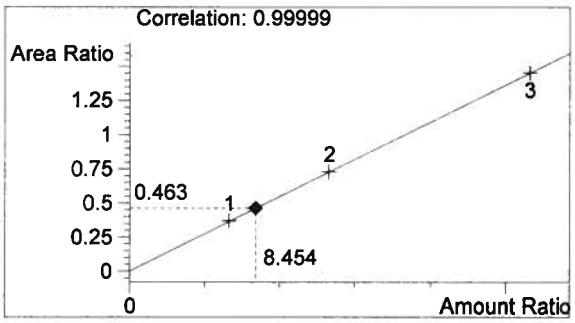
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:33:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

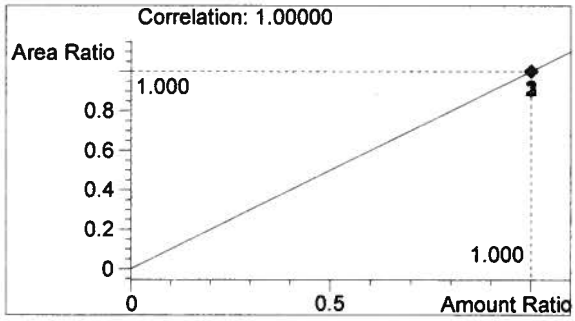
Sample Name: 12053-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.041
2	n-Propanol	2407	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

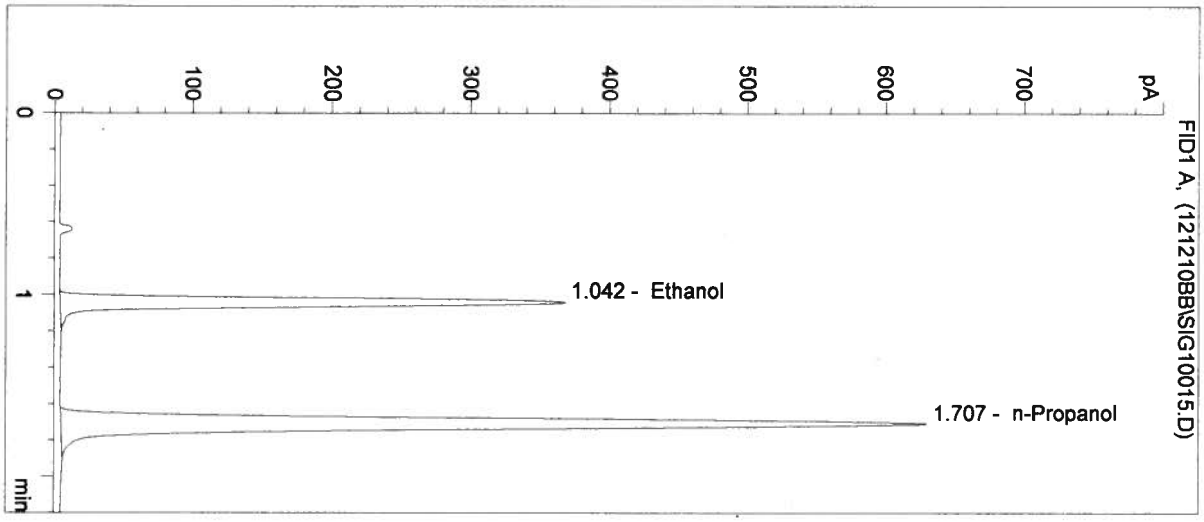
Data File: C:\HPCHEM\1\DATA\121210BB\SIG10014.D

BB

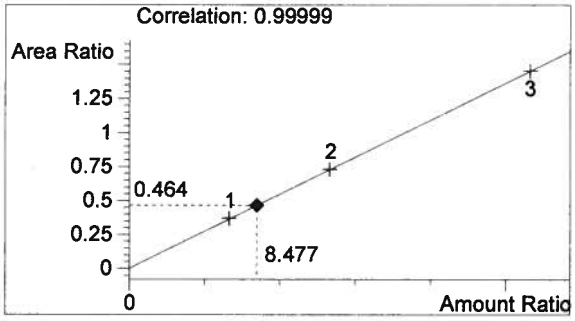
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:36:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

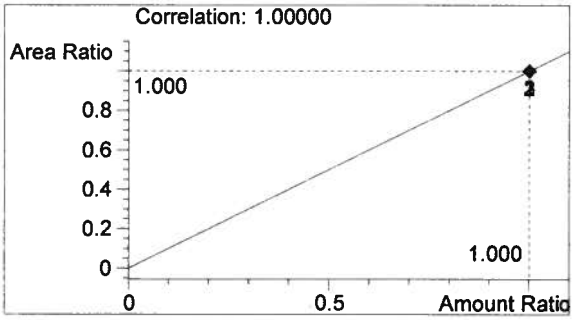
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1149	1.042
2	n-Propanol	2474	1.707



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

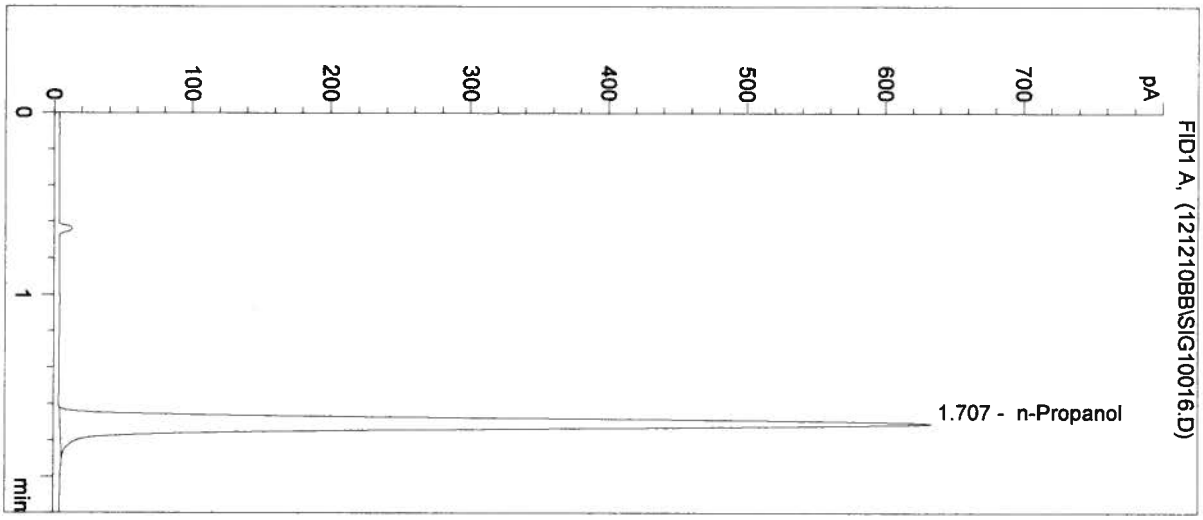
12058

BB

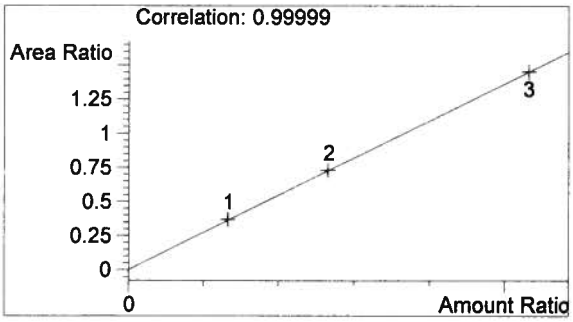
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 8:39:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

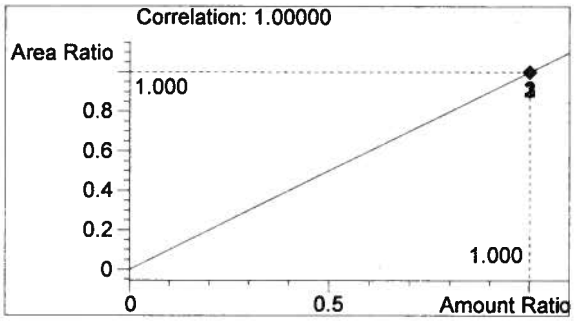
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2487	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053

Data File: C:\HPCHEM\1\DATA\121210BB\SIG10016.D

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121210CJ
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-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 12053 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 12053 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 12053 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 12053 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 12053 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

12053

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

12053

Calibration Table

Calib. Data Modified : Monday, December 10, 2012 2:10:27 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
1.041	1	1	7.98400e-2	879.46960	9.07820e-5	1		Ethanol
		2	1.59780e-1	1748.02197	9.14062e-5			
		3	3.19310e-1	3445.88428	9.26642e-5			
1.706	1	1	1.20000e-2	2423.33740	4.95185e-6	I1		n-Propanol
		2	1.20000e-2	2431.47510	4.93528e-6			
		3	1.20000e-2	2419.57666	4.95955e-6			

Peak Sum Table

No Entries in table

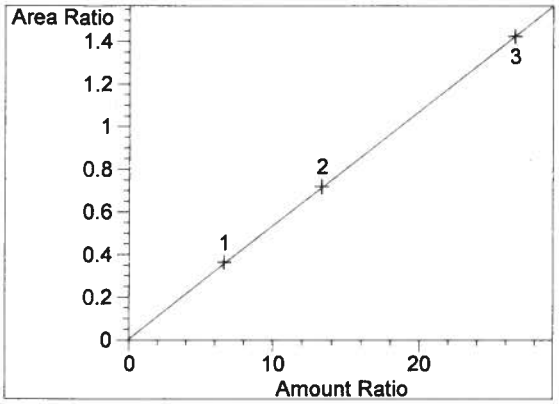
12053

CJ

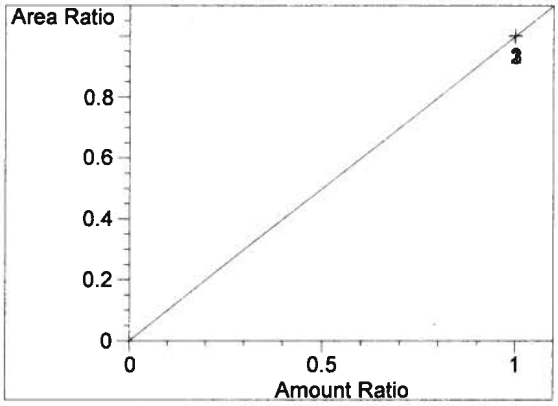
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00456
Formula: y = mx + b
m: 5.34609e-2
b: 3.98114e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

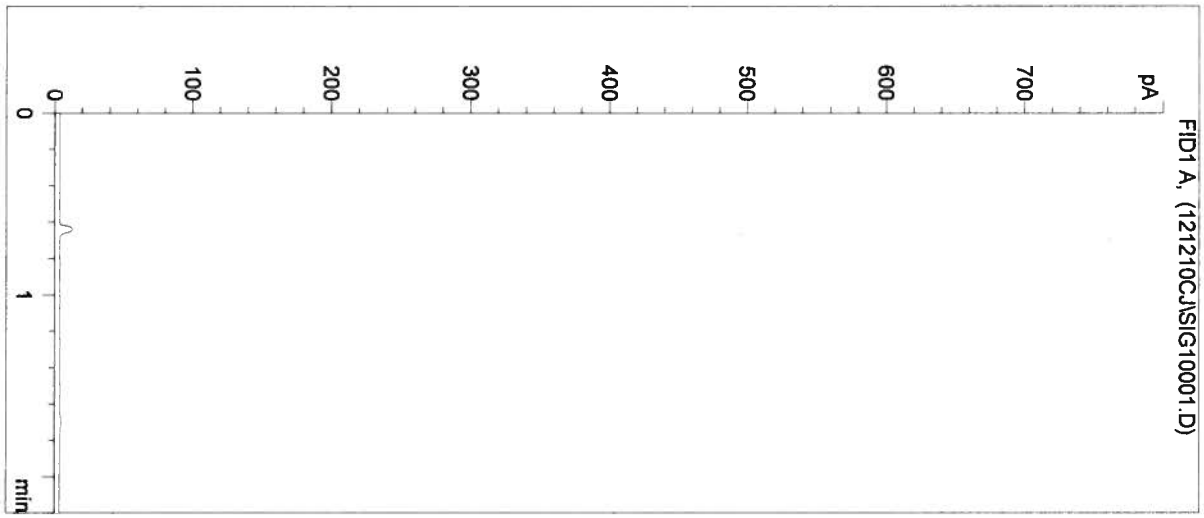
12053

CJ

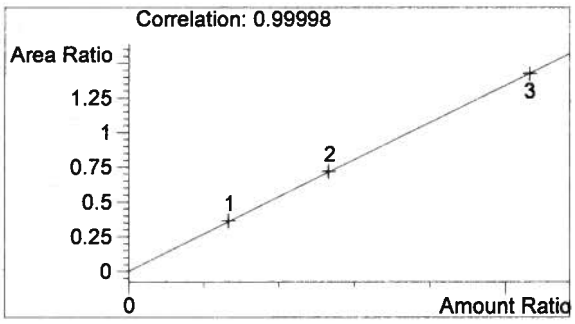
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 1:59:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

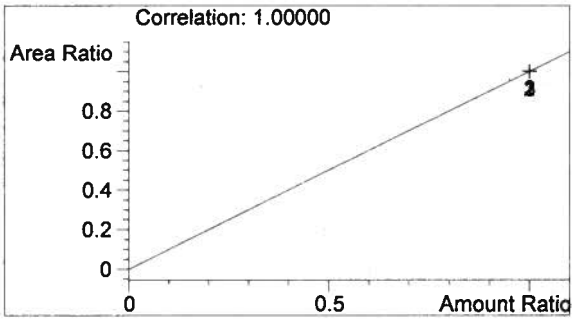
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

12053

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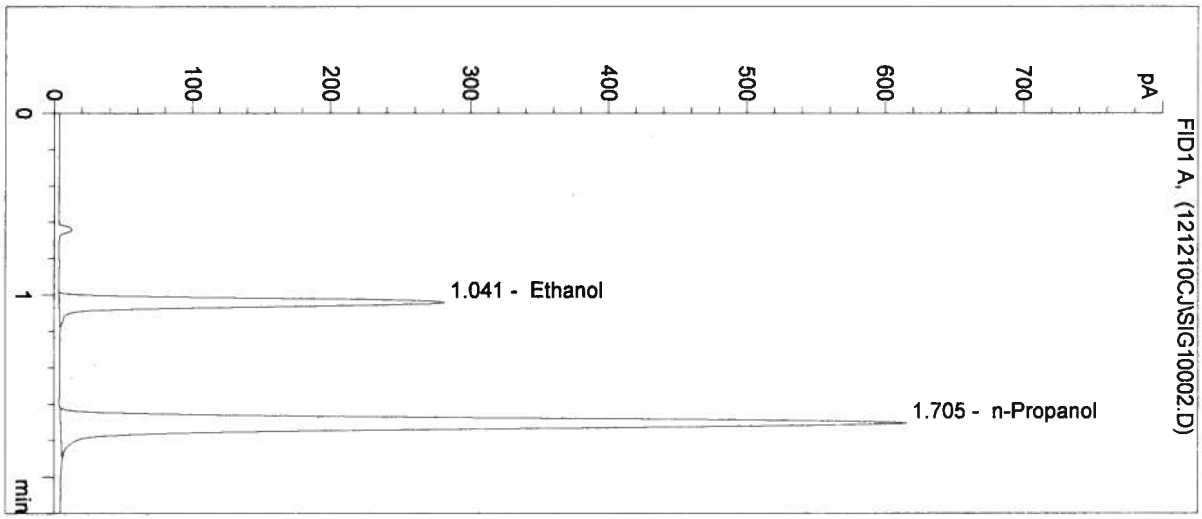
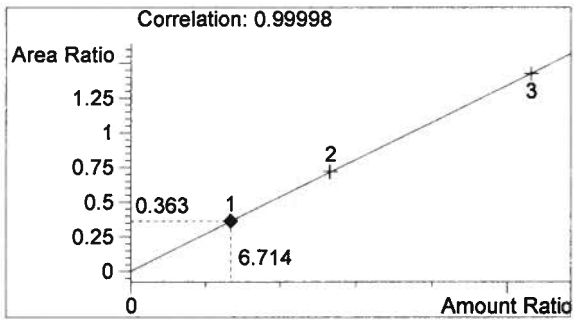
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:02:04 PM
Sample Name: 0.079 CAL 1
Instrument: HSGC#1
Operator: Chris Johnston
Column: DB-ALC1
Location: Vial 2
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

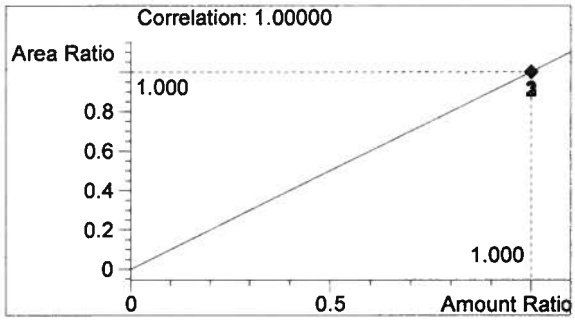
->



#	Compound	Peak Area	RT (min)
1	Ethanol	879	1.041
2	n-Propanol	2423	1.705



Ethanol 0.081 g/100mL



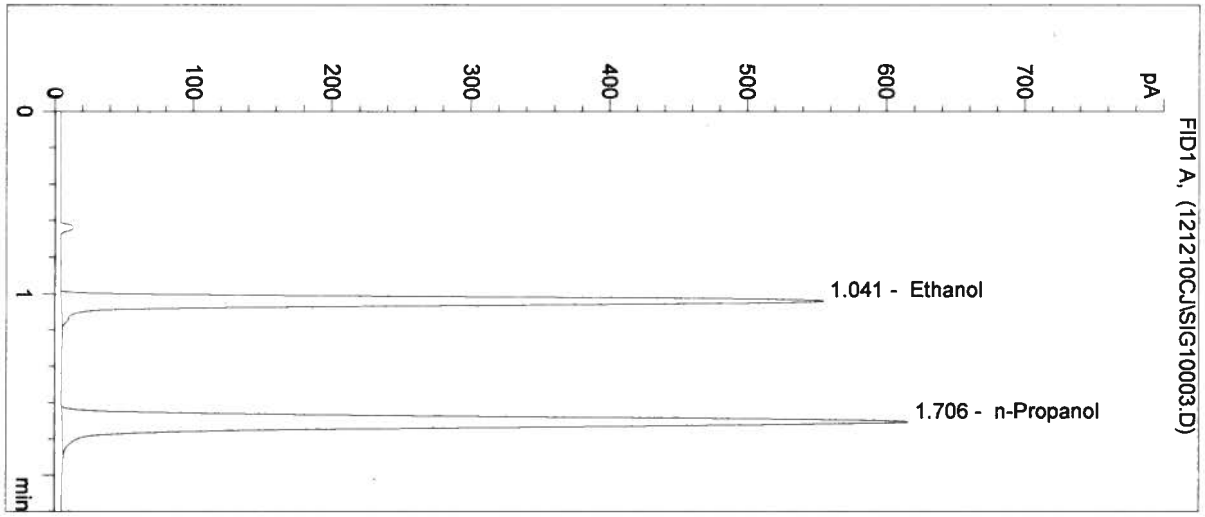
n-Propanol 0.012 g/100mL

12053

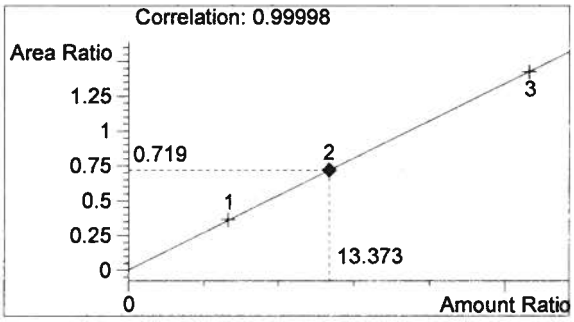
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:05:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

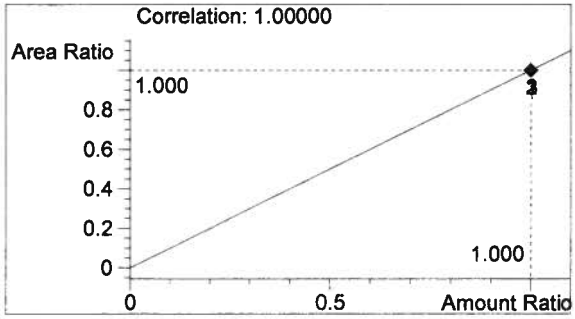
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1748	1.041
2	n-Propanol	2431	1.706



Ethanol 0.160 g/100mL



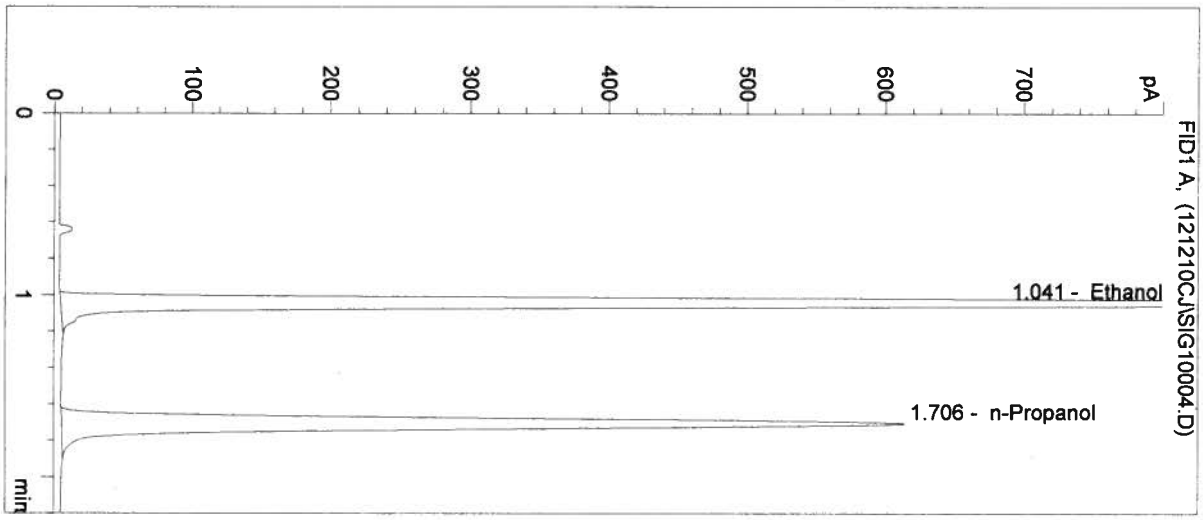
n-Propanol 0.012 g/100mL

12053

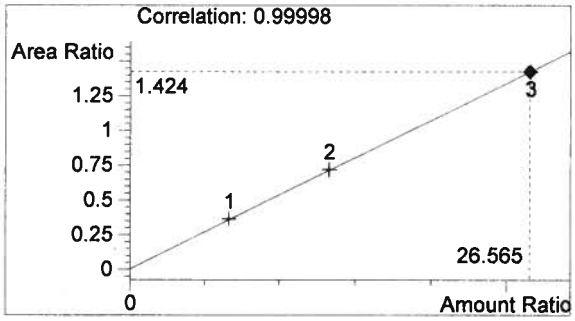
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:08:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

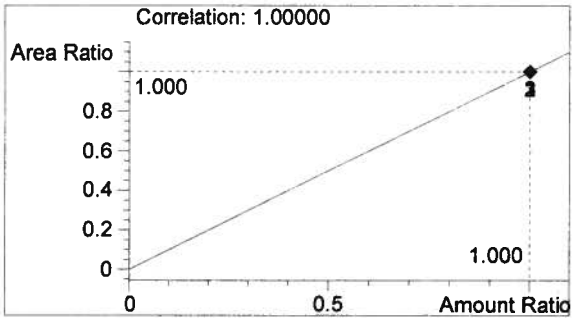
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3446	1.041
2	n-Propanol	2420	1.706



Ethanol 0.319 g/100mL



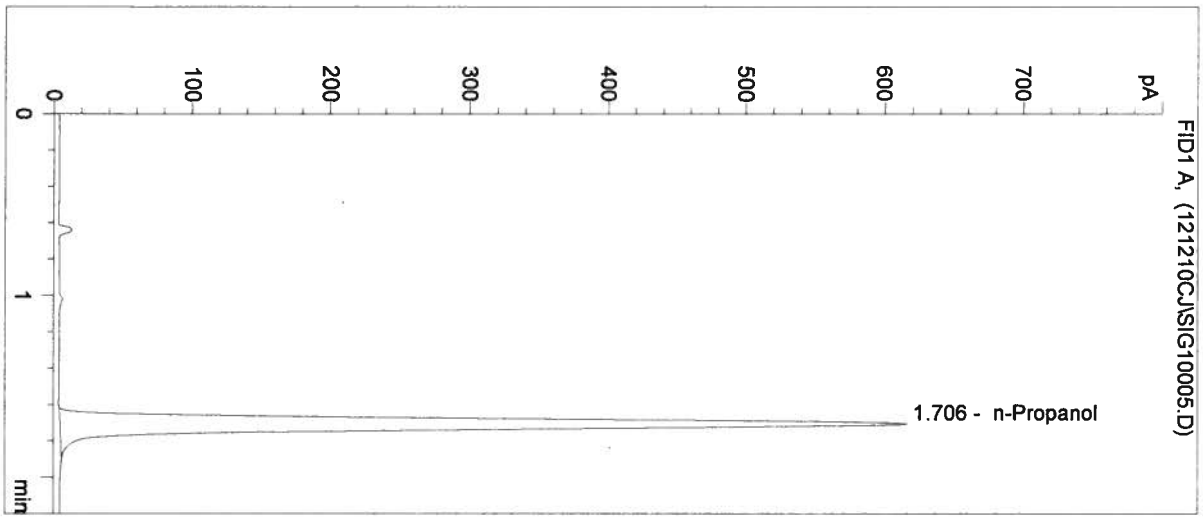
n-Propanol 0.012 g/100mL

12053

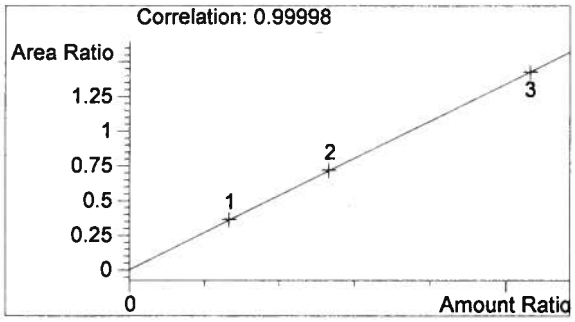
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:11:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

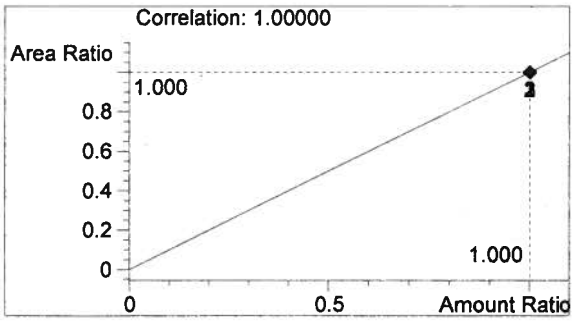
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2437	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

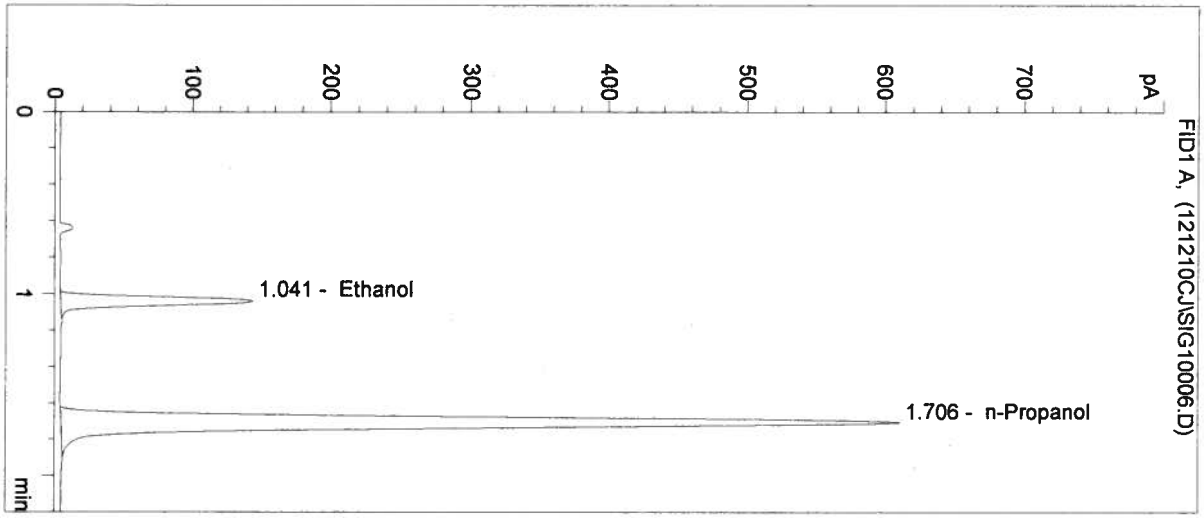
12053

CJ

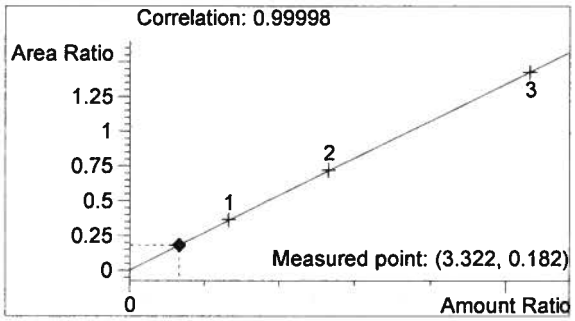
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:14:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

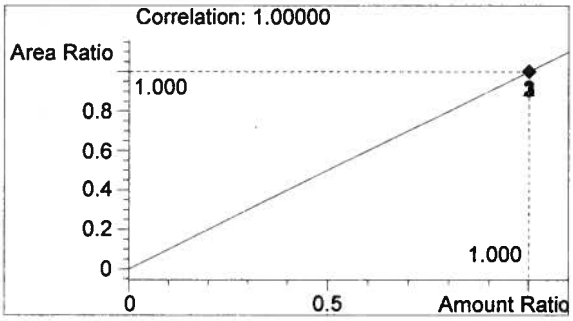
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	437	1.041
2	n-Propanol	2408	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

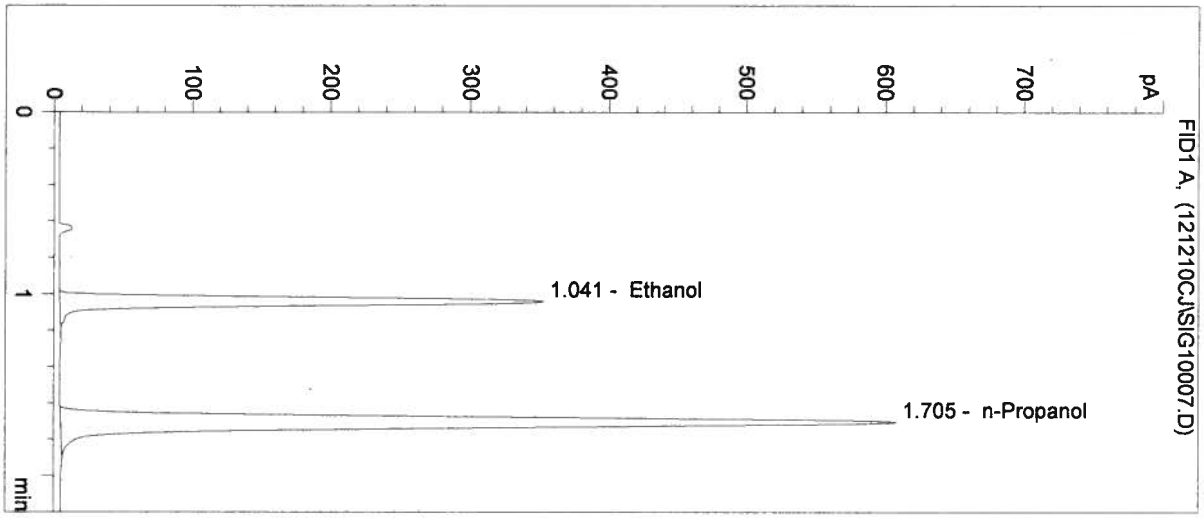
12053

CJ

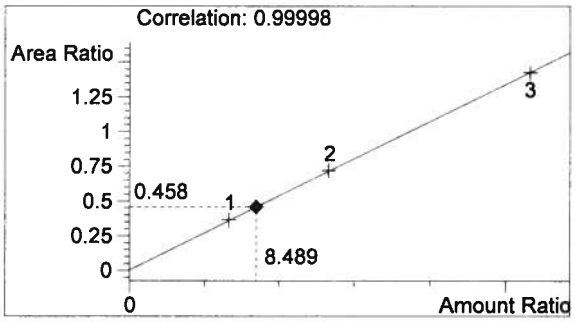
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:17:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

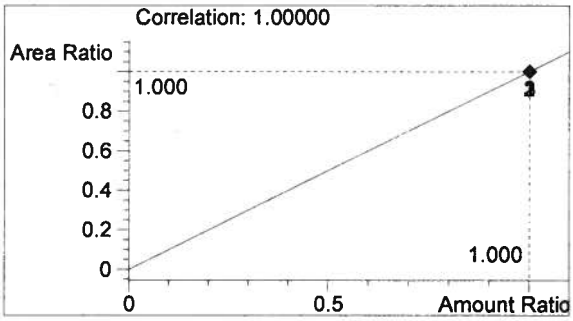
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1095	1.041
2	n-Propanol	2392	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

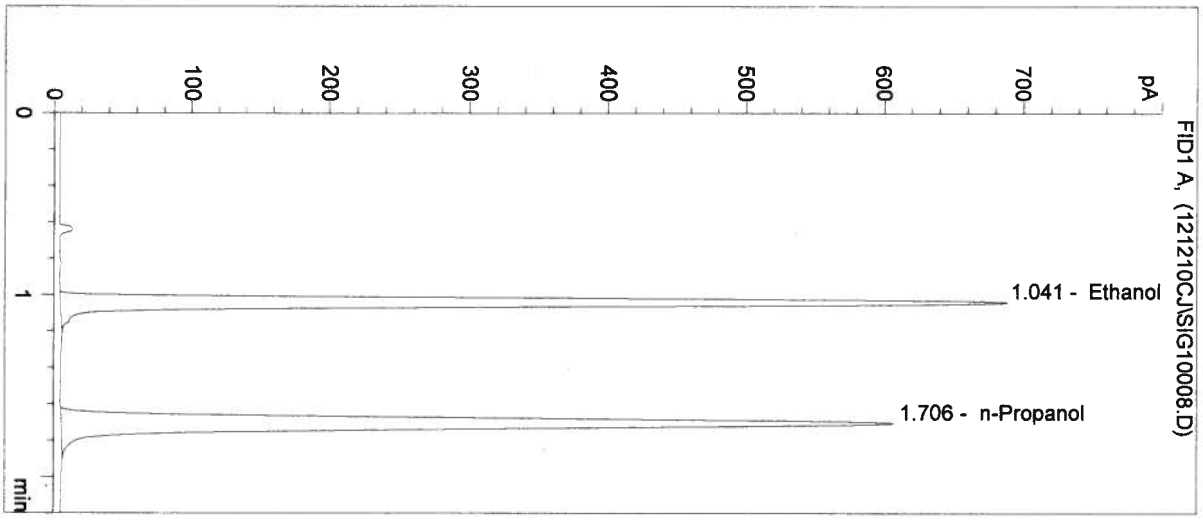
12053

W

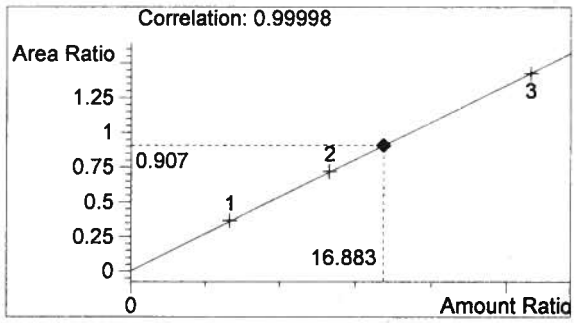
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:20:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

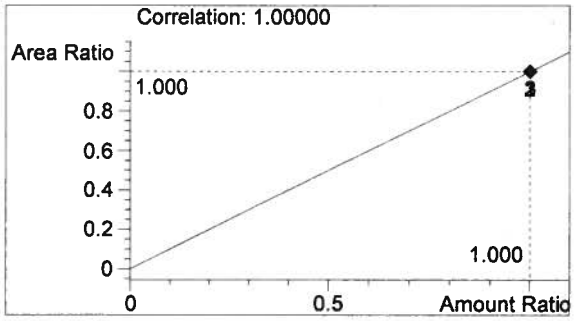
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2165	1.041
2	n-Propanol	2388	1.706



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

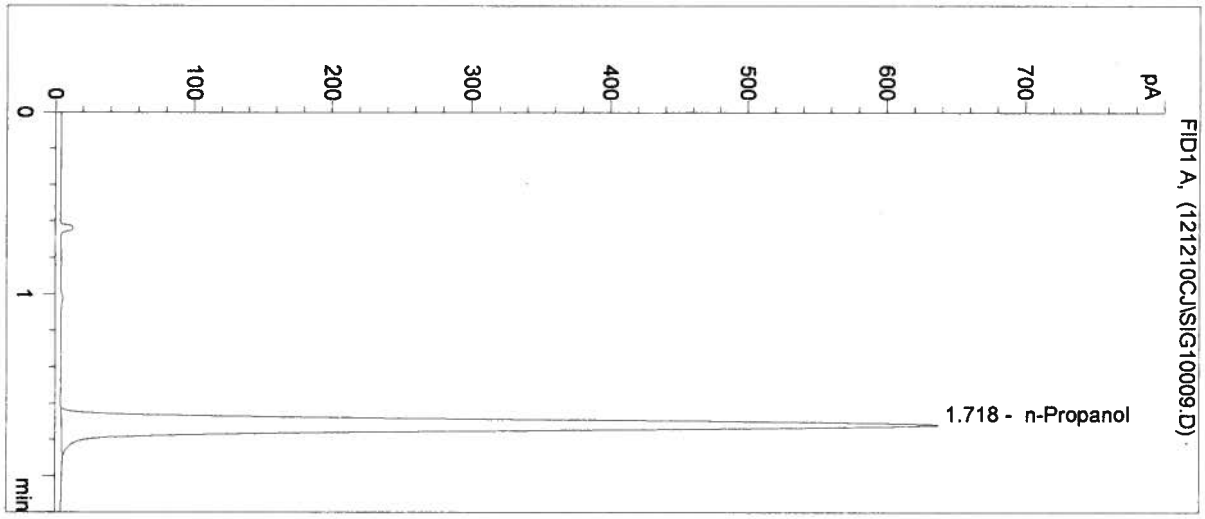
12053

CJ

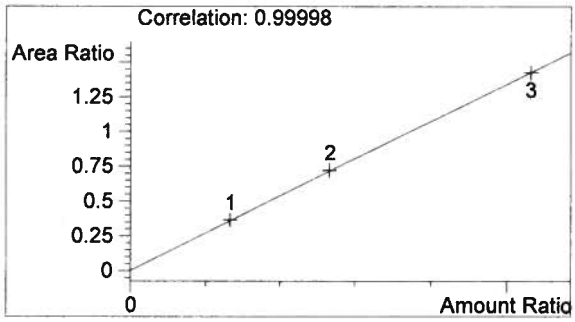
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:23:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

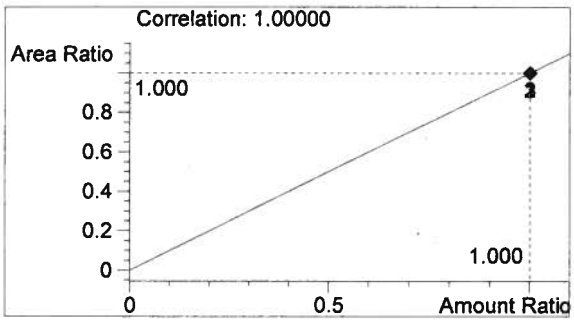
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2594	1.718



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

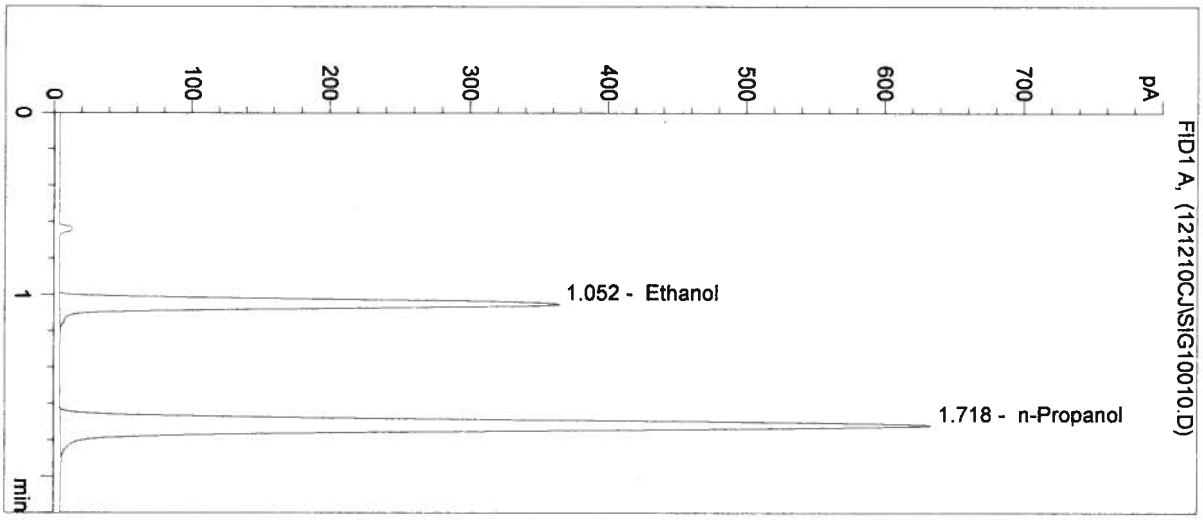
12053

CJ

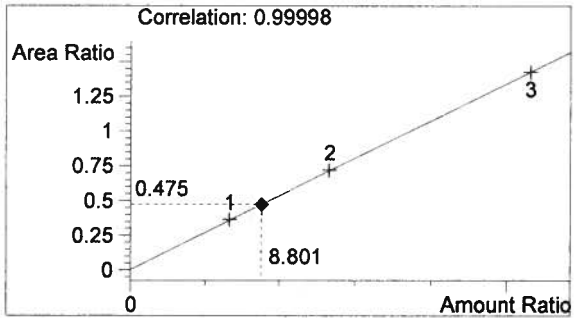
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:26:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

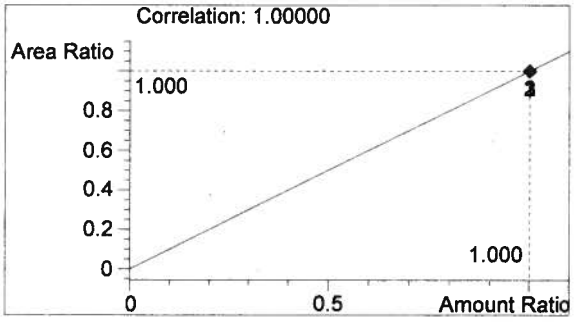
Sample Name: ESS 12053 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1222	1.052
2	n-Propanol	2575	1.718



Ethanol 0.106 g/100mL



n-Propanol 0.012 g/100mL

Washington State Patrol Toxicology Laboratory
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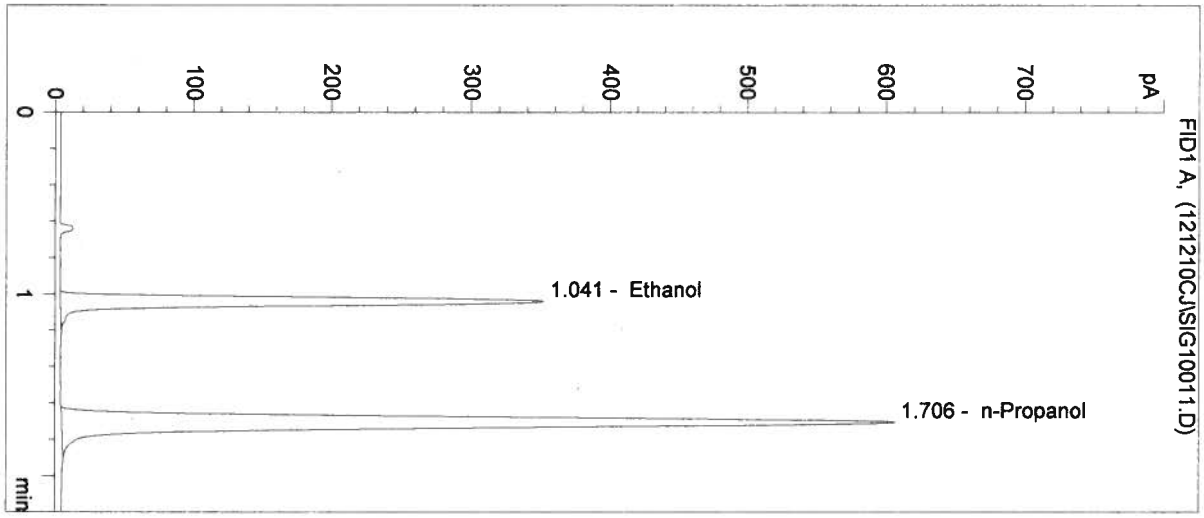
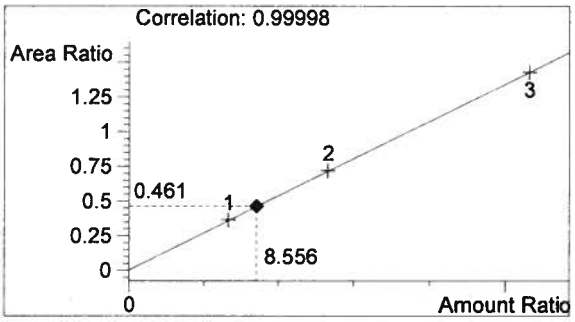
Inj. Date: 12/10/2012 2:29:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

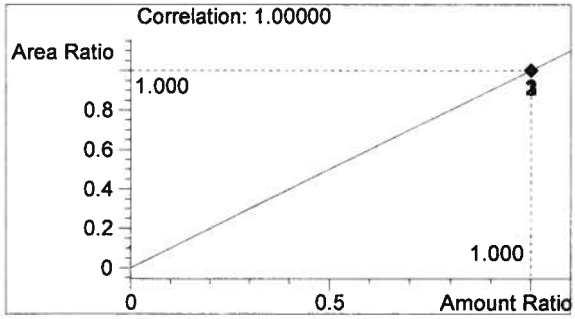
Sample Name: ESS 12053 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.041
2	n-Propanol	2387	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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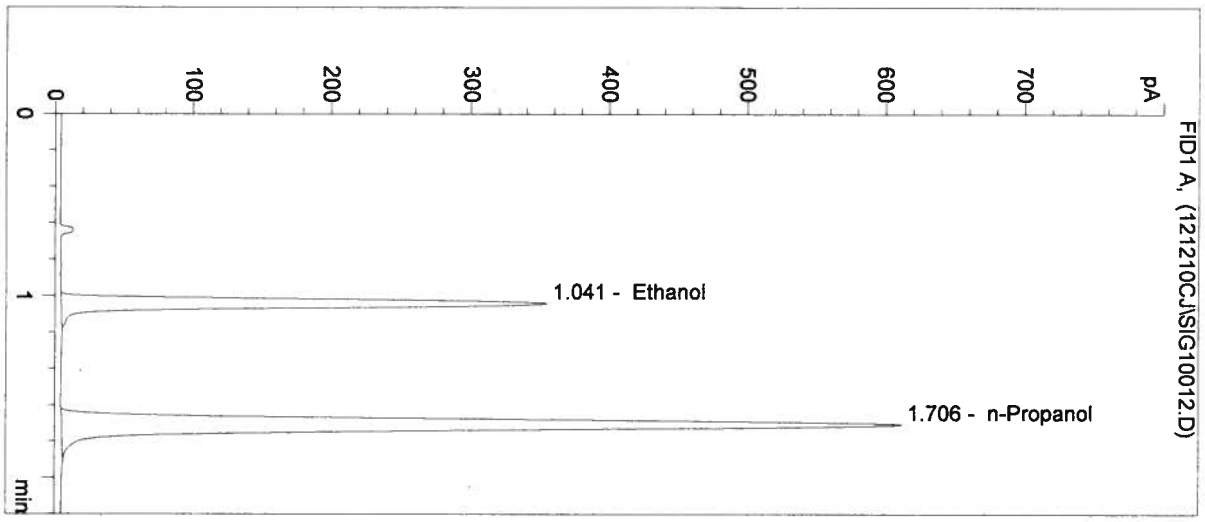
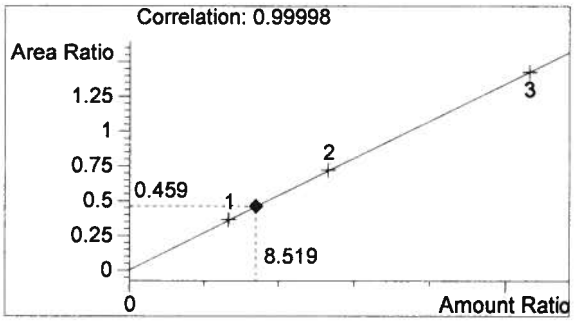
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:32:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

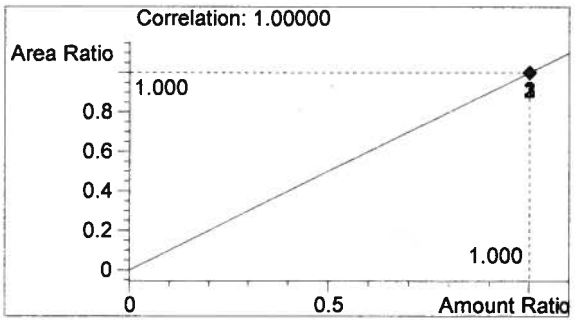
Sample Name: ESS 12053 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2430	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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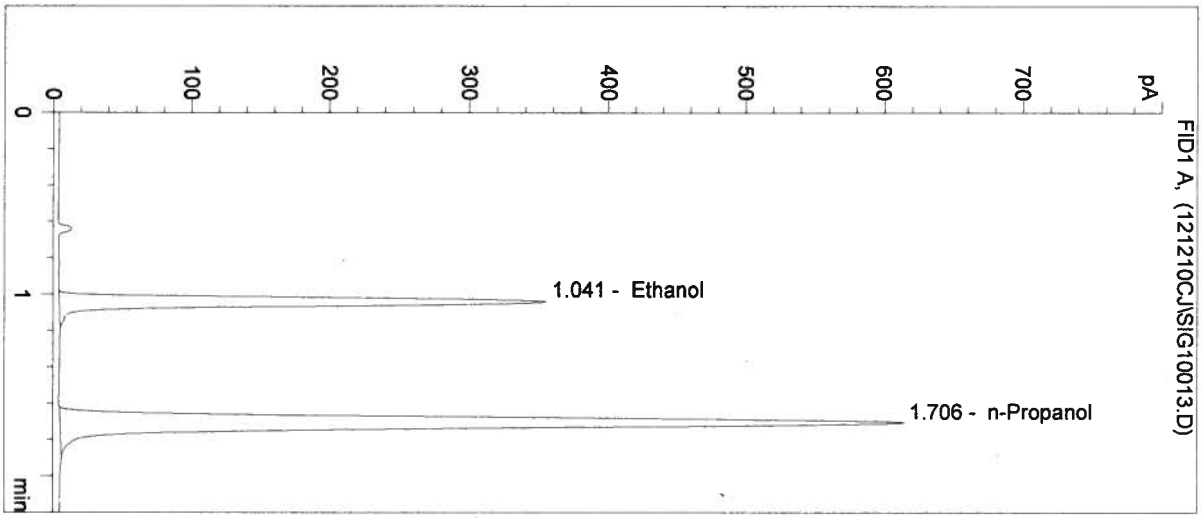
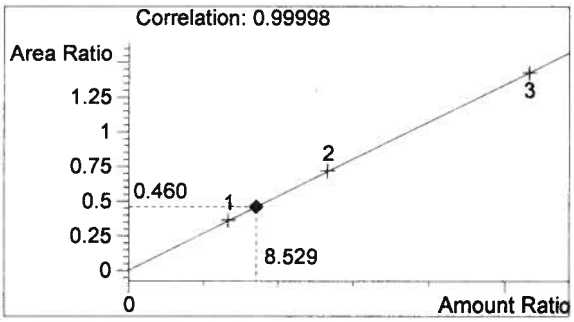
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:35:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

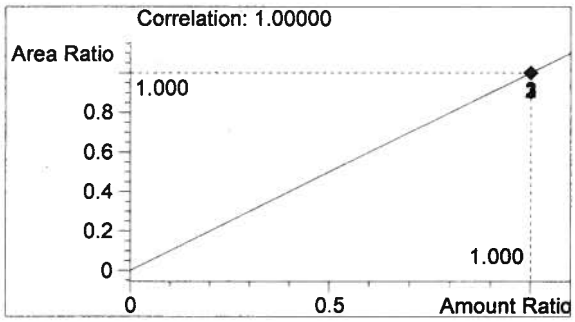
Sample Name: ESS 12053 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.041
2	n-Propanol	2425	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

CJ

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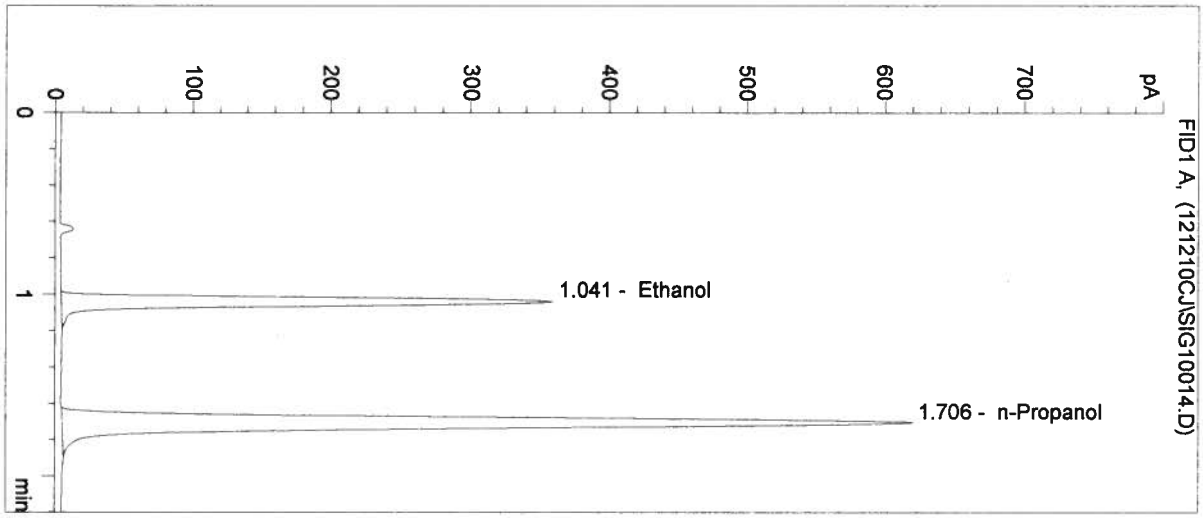
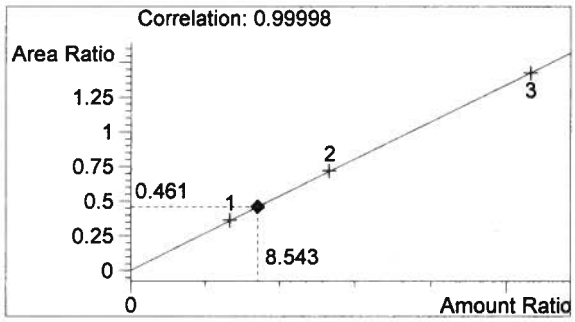
Inj. Date: 12/10/2012 2:39:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

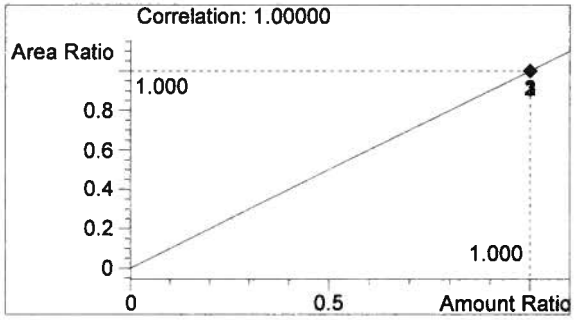
Sample Name: ESS 12053 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2449	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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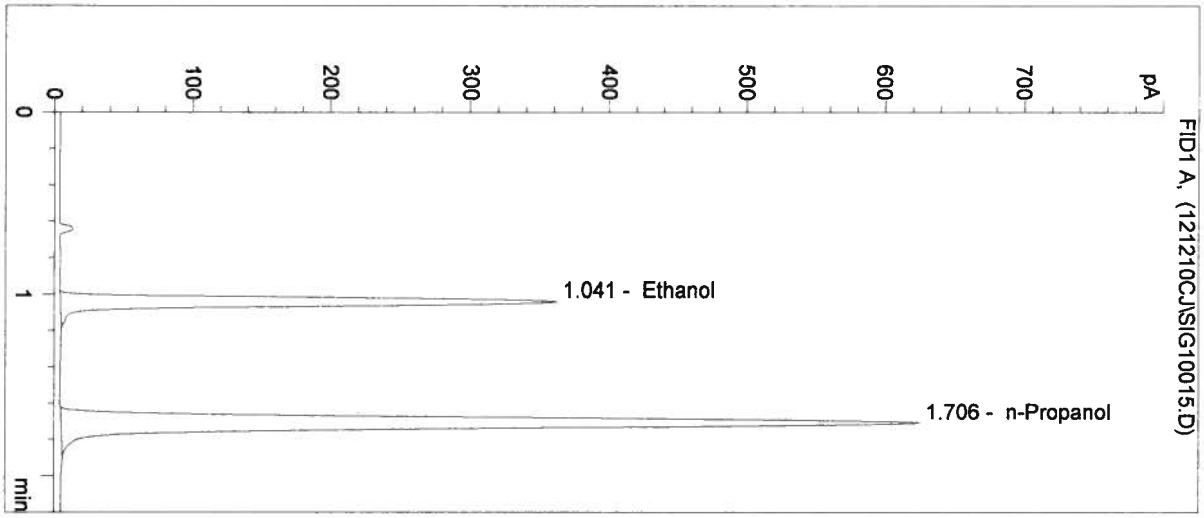
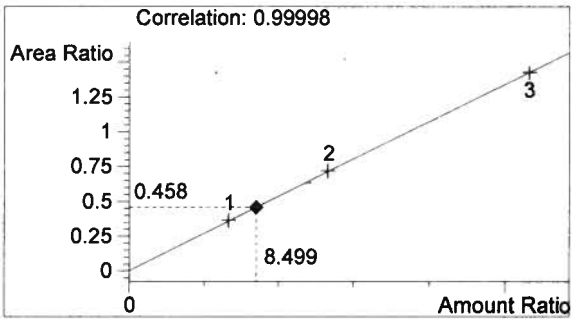
Inj. Date: 12/10/2012 2:42:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

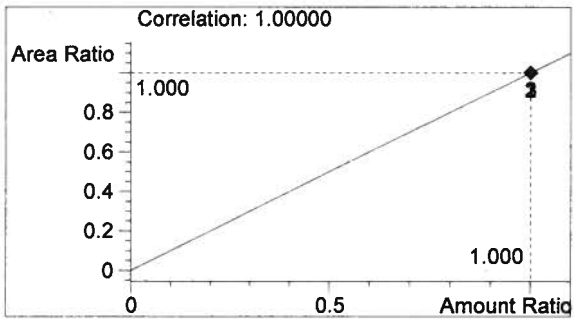
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2461	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12053

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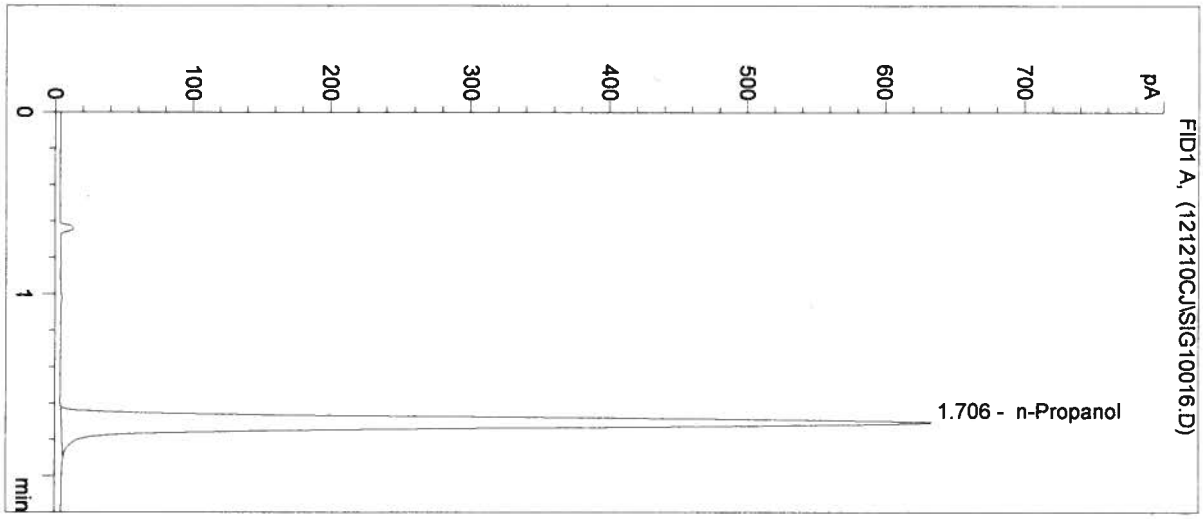
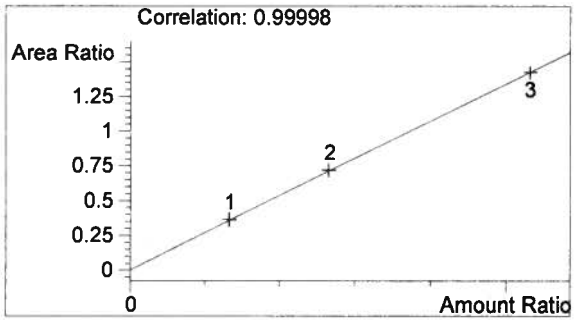
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/10/2012 2:45:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

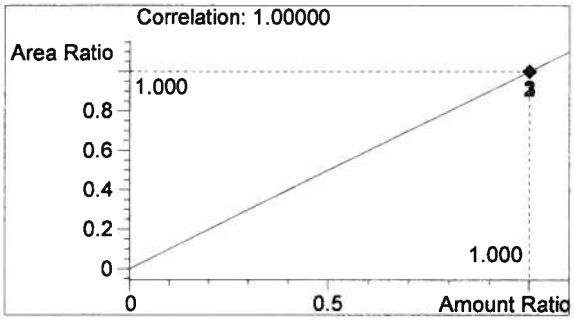
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2490	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12053