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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 14015

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: 04/29/2014
BATCH UNITS: g/100mL

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

	JLK	AG	RF	AJL	CSJ	LL	NN	AC
1	0.103	0.103	0.102	0.103	0.103	0.104	0.104	0.103
2	0.104	0.103	0.102	0.102	0.104	0.103	0.104	0.103
3	0.104	0.103	0.102	0.102	0.104	0.105	0.104	0.103
4	0.104	0.103	0.102	0.102	0.104	0.105	0.104	0.103
5	0.104	0.103	0.102	0.102	0.103	0.105	0.104	0.103
C	0.101	0.101	0.100	0.103	0.100	0.103	0.102	0.101

ETHANOL CONTROL INFORMATION
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1033 g/100mL
STANDARD DEVIATION: 0.00090
PRECISION CV (%): 0.87
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

Lisa Noble — Forensic Scientist Supervisor — 6/24/14 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		04/29/2014
AG	Andrew Gingras		04/29/2014
RF	Rebecca Flaherty		05/01/2014
AJL	Asa J. Louis		05/02/2014
CSJ	Christopher S. Johnston		05/07/2014
LL	Lyndsey Lowe		05/09/2014
NN	Naziha Nuwayhid		05/12/2014
AC	Amanda Chandler		05/19/2014

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 #: 14015 **Date Prepared:** 4/29/2014

Analyst:	JLK	AG	RF	AJL	CSJ	LL	NN	AC
Date Tested:	4/29/2014	4/29/2014	5/1/2014	5/2/2014	5/7/2014	5/9/2014	5/12/2014	5/19/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.103	0.103	0.102	0.103	0.103	0.104	0.104	0.103
2	0.104	0.103	0.102	0.102	0.104	0.103	0.104	0.103
3	0.104	0.103	0.102	0.102	0.104	0.105	0.104	0.103
4	0.104	0.103	0.102	0.102	0.104	0.105	0.104	0.103
5	0.104	0.103	0.102	0.102	0.103	0.105	0.104	0.103
C	0.101	0.101	0.100	0.103	0.100	0.103	0.102	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000757645	0.0001372705	0.0001016326

Ethanol Control Lot #: FN08051301
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1033 g/100mL
Standard Deviation: 0.00090 g/100mL
Precision CV (%): 0.87
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: Lisa Noble (Name) Lsalvosa (Signature) 6/10/14 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 6-24-2014 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Lisa Noble (Name) Lsalvosa (Signature) 6/10/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 6-24-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14015

	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:** 6-24-2014

Reviewer Signature: N/A OB 6-24-14 **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 Chandler	AC	6/11/14
Andrew Gingras	AG	6/16/14
Asa Louis	AL	20140616
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston	CJ	6-11-14
Dawn Sklerov		
Justin Knoy	JK	6-11-14
Katie Knorr		
Lyndsey Lowe	LL	6.11.14
Naziha Nuwayhid	NN	6.11.14
Rebecca Flaherty	RF	6.11.14
Sarah Swenson		

Batch # 14015

JAY INSLEE
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 14015

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 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6/11/14

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

I, Lyndsey Lowe, 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.

The external standard solution, Lot Number 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6·10·14

Lyndsey Lowe — Date

Forensic Toxicologist

JAY INSLEE
Governor

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Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

I, Naziha Nuwayhid, do certify under penalty of perjury that:

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

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

The external standard solution, Lot Number 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6.11.14

Naziha Nuwayhid Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

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 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6.11.2014

Rebecca Flaherty — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

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 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6/11/2014

Christopher S. Johnston — Date

Forensic Toxicologist

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

I, Amanda Chandler, 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 Forensic Science.

The external standard solution, Lot Number 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

Amanda Chandler 4/4/14

Amanda Chandler Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

I, Andrew Gingras, 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 Cell and Molecular Biology and MS degree in Forensic Science.

The external standard solution, Lot Number 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

6/10/14

Andrew Gingras — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 14015

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 14015, was prepared in the Washington State Toxicology Laboratory on 4/29/2014. 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 4/29/2015.

Seattle, WA

20140616

Asa J. Louis — 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: 4/29/14 Initials of Preparer: JK

Expiration Date: 4/29/15

Lot # of 200-proof Ethanol used in preparation: 2CB0070

Date the 200-proof Ethanol bottle was opened: 4/25/14

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	☑	14015

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 4/29/14 Date

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

Comments:

Analyst Signature 4/29/14 Date

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140429JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0414-01 - Exp. 10/15/2014
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/2014
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/2014
CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016

Internal Standard Lot#P0314 - Exp. 06/24/2014

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	14015-1	SIMALC1	1	Sample		
11	Vial 11	14015-2	SIMALC1	1	Sample		
12	Vial 12	14015-3	SIMALC1	1	Sample		
13	Vial 13	14015-4	SIMALC1	1	Sample		
14	Vial 14	14015-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

14015

Calibration Table

Calib. Data Modified : Tuesday, April 29, 2014 11:25:22 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,

14015

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.12400e-2	861.28717	9.43239e-5	1		Ethanol
		2	1.59860e-1	1687.99414	9.47041e-5			
		3	3.17330e-1	3358.42920	9.44876e-5			
1.703	1	1	1.20000e-2	2409.41040	4.98047e-6	I1		n-Propanol
		2	1.20000e-2	2418.91089	4.96091e-6			
		3	1.20000e-2	2417.57837	4.96364e-6			

Peak Sum Table

No Entries in table

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Calibration Curves

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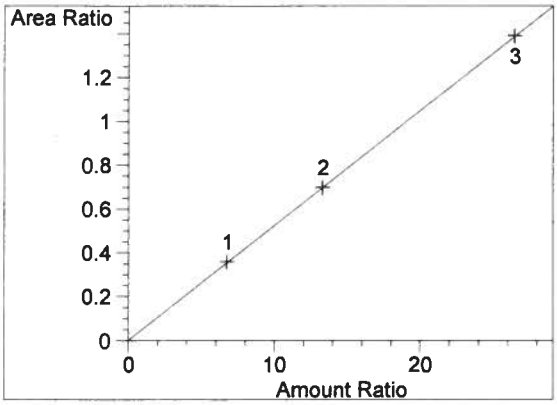
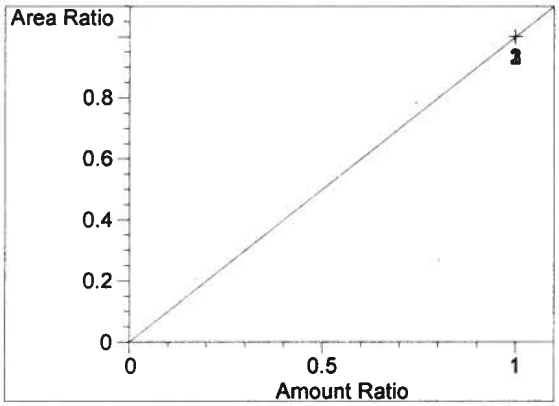


Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00185
Formula: y = mx + b
m: 5.25001e-2
b: 3.33230e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.703
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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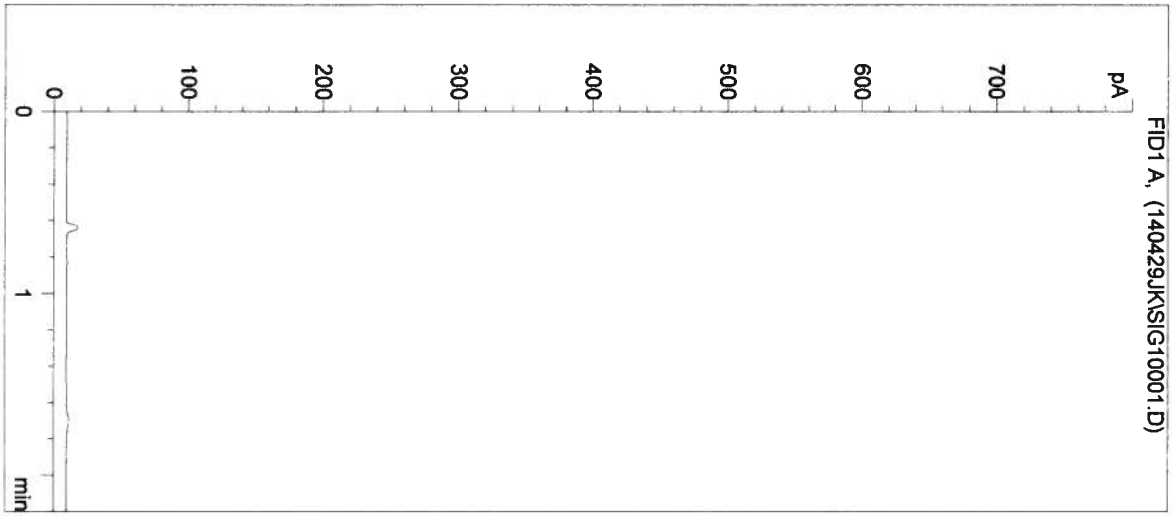
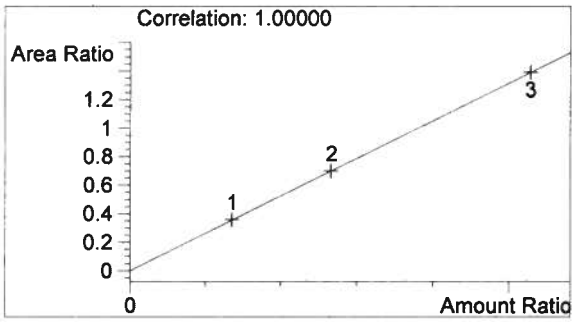
14015

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

Inj. Date: 4/29/2014 11:13:55 AM
Sample Name: BLANK
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

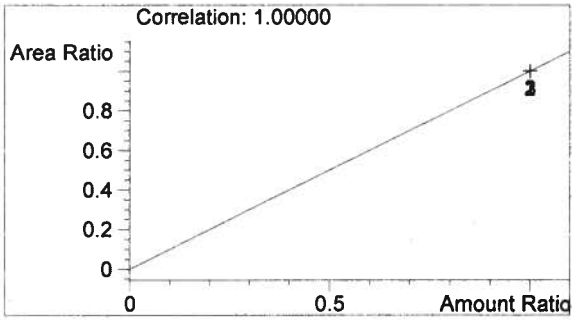


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015



n-Propanol 0.000 g/100mL

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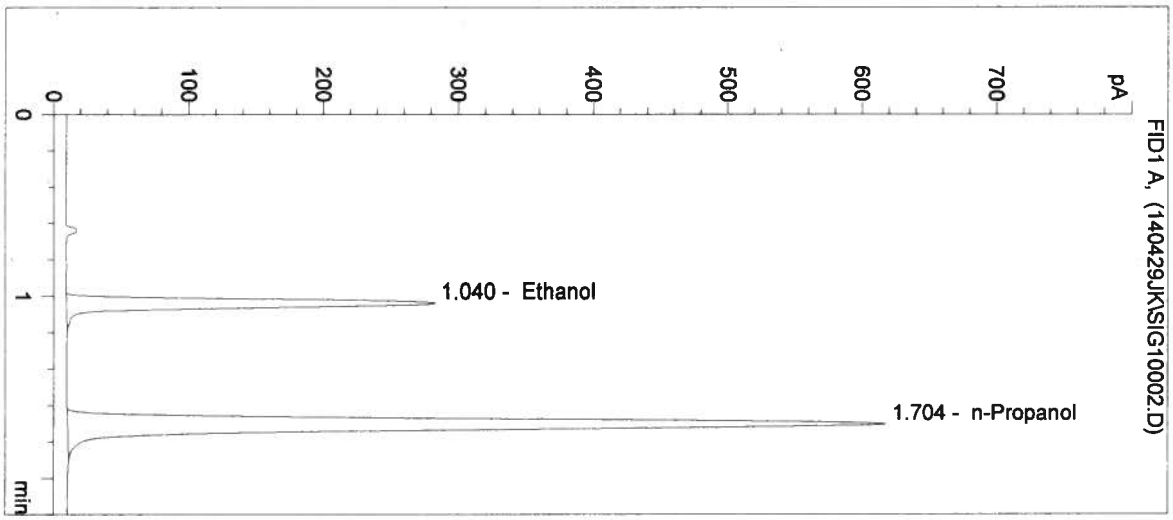
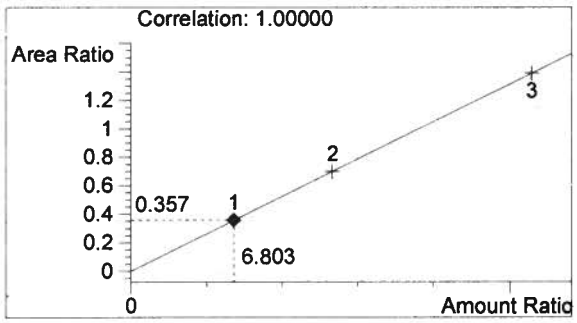
Inj. Date: 4/29/2014 11:17:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-01 - (0.079g/100mL)

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

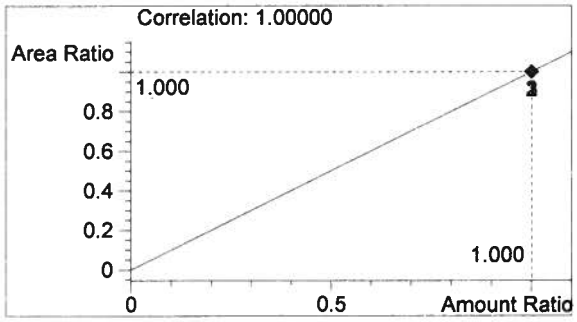


#	Compound	Peak Area	RT (min)
1	Ethanol	861	1.040
2	n-Propanol	2409	1.704



Ethanol 0.082 g/100mL

14015



n-Propanol 0.012 g/100mL

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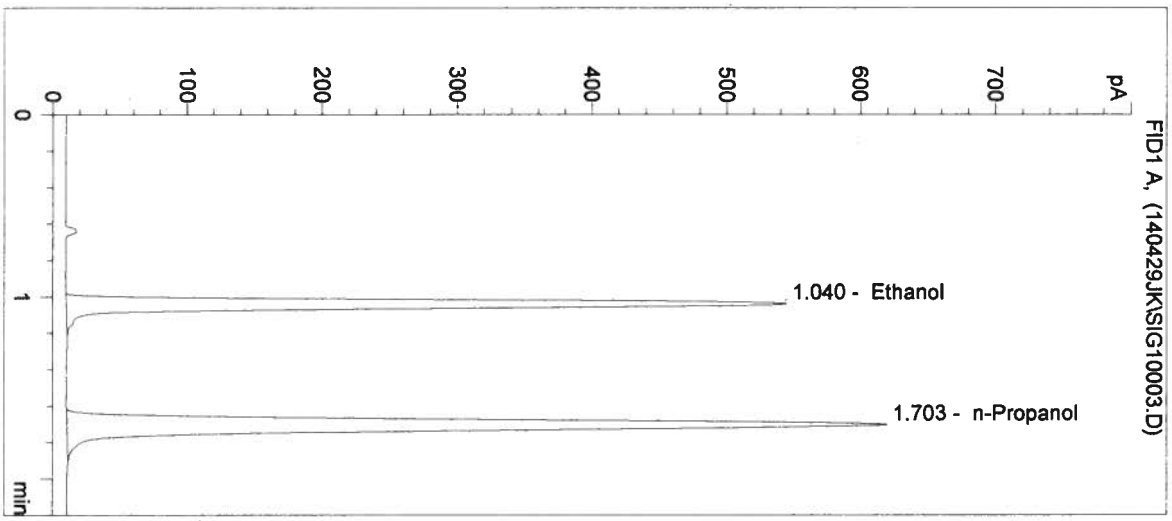
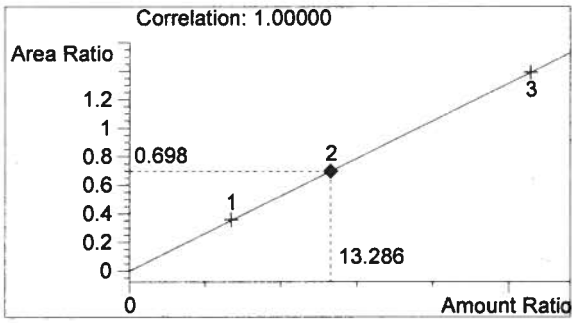
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:20:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-02 - (0.158g/100mL)

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

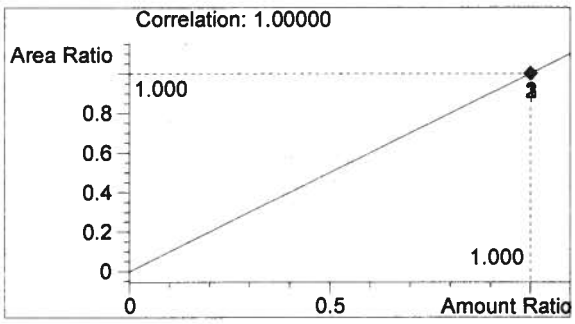


#	Compound	Peak Area	RT (min)
1	Ethanol	1688	1.040
2	n-Propanol	2419	1.703



Ethanol 0.159 g/100mL

14015

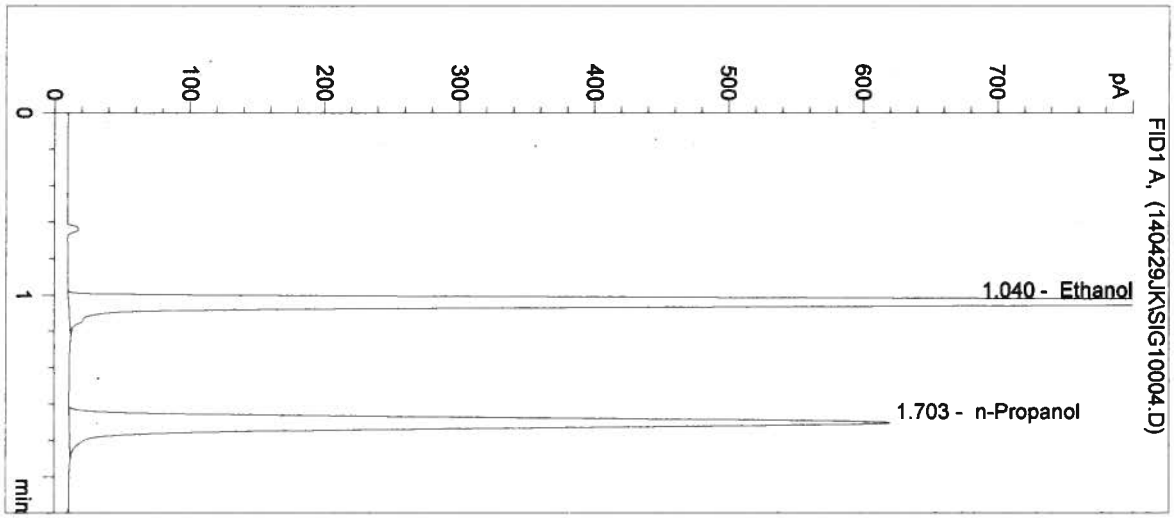


n-Propanol 0.012 g/100mL

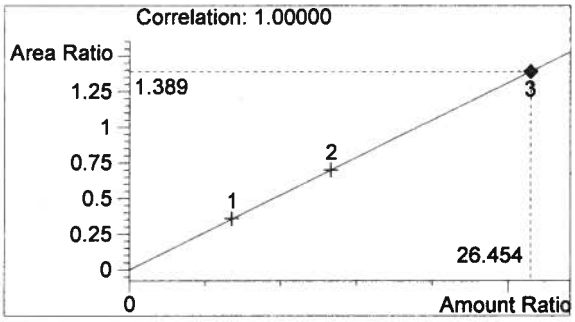
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:23:09 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-03 - (0.316g/100mL)

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

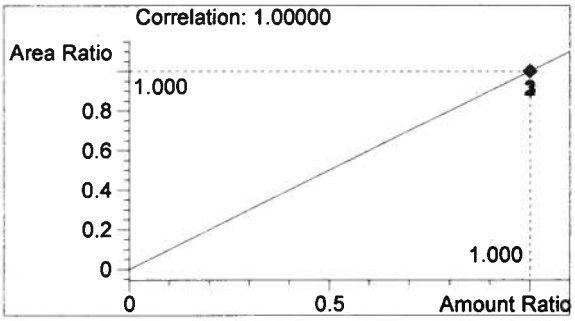


#	Compound	Peak Area	RT (min)
1	Ethanol	3358	1.040
2	n-Propanol	2418	1.703



Ethanol 0.317 g/100mL

14015

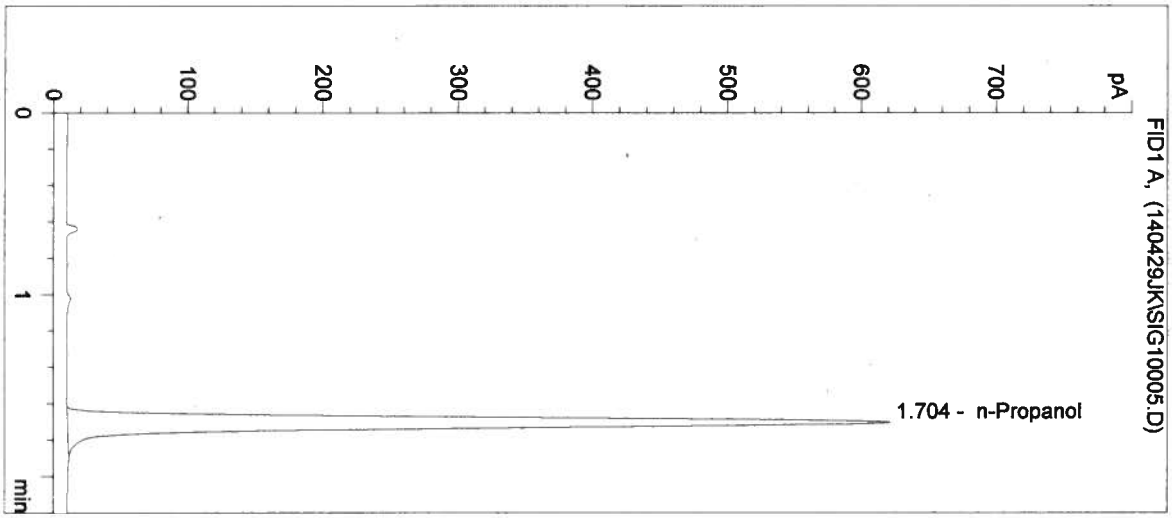


n-Propanol 0.012 g/100mL

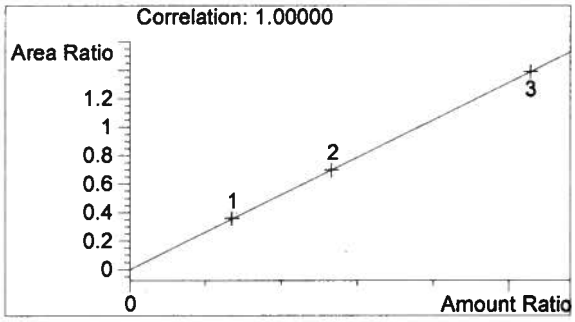
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:26:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

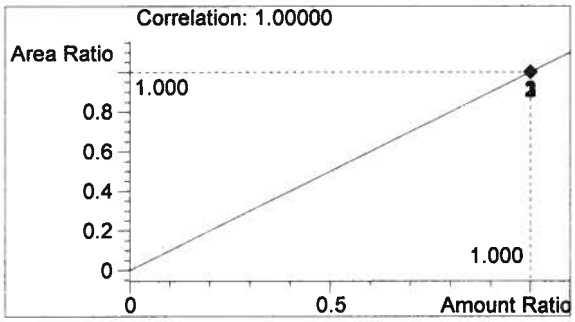


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2433	1.704



Ethanol 0.000 g/100mL

14015

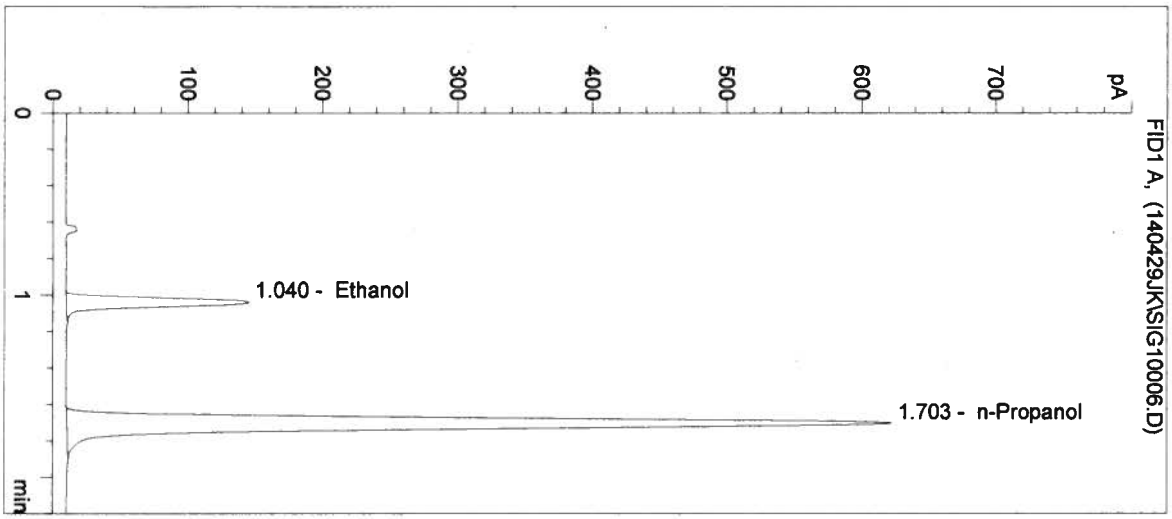


n-Propanol 0.012 g/100mL

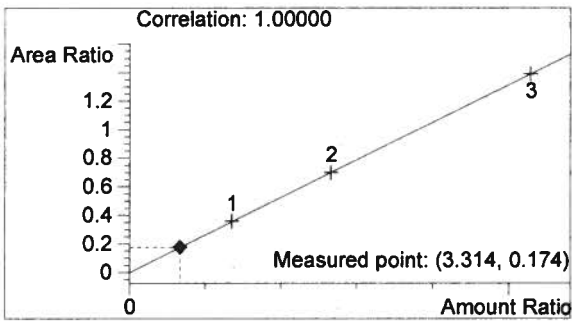
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:29:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

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

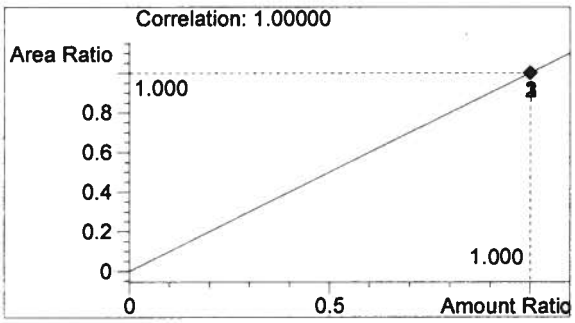


#	Compound	Peak Area	RT (min)
1	Ethanol	425	1.040
2	n-Propanol	2436	1.703



Ethanol 0.040 g/100mL

14015

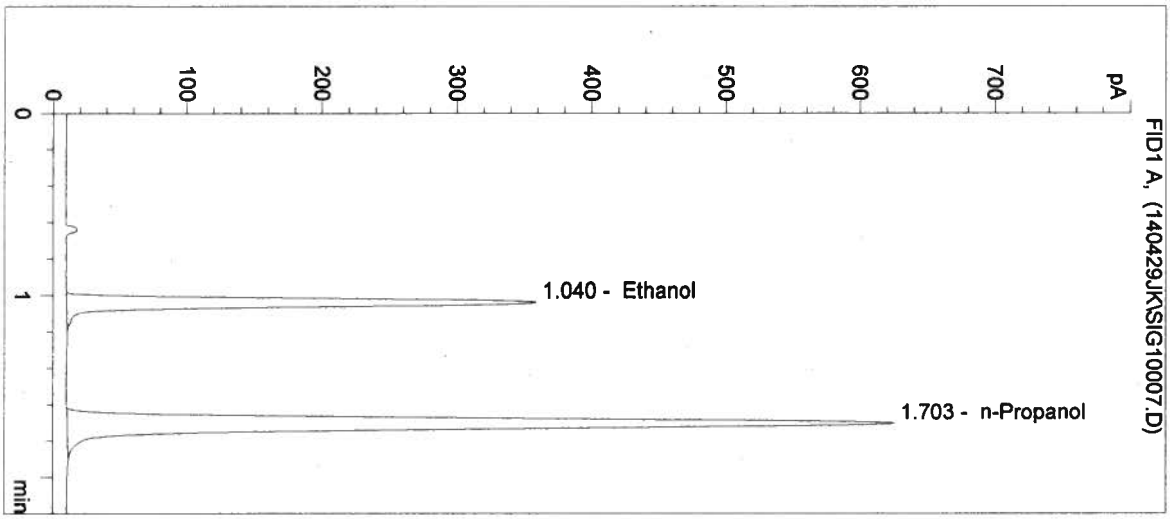


n-Propanol 0.012 g/100mL

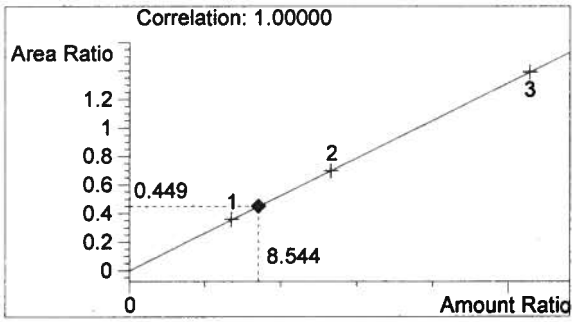
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:32:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

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

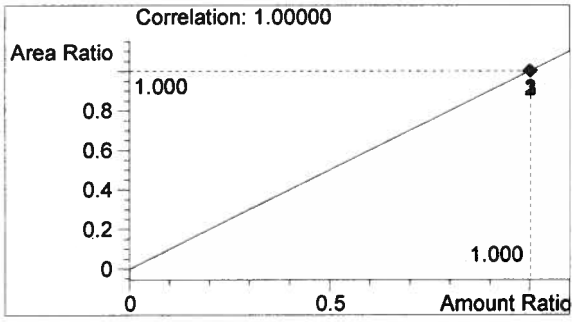


#	Compound	Peak Area	RT (min)
1	Ethanol	1093	1.040
2	n-Propanol	2435	1.703



Ethanol 0.103 g/100mL

14015



n-Propanol 0.012 g/100mL

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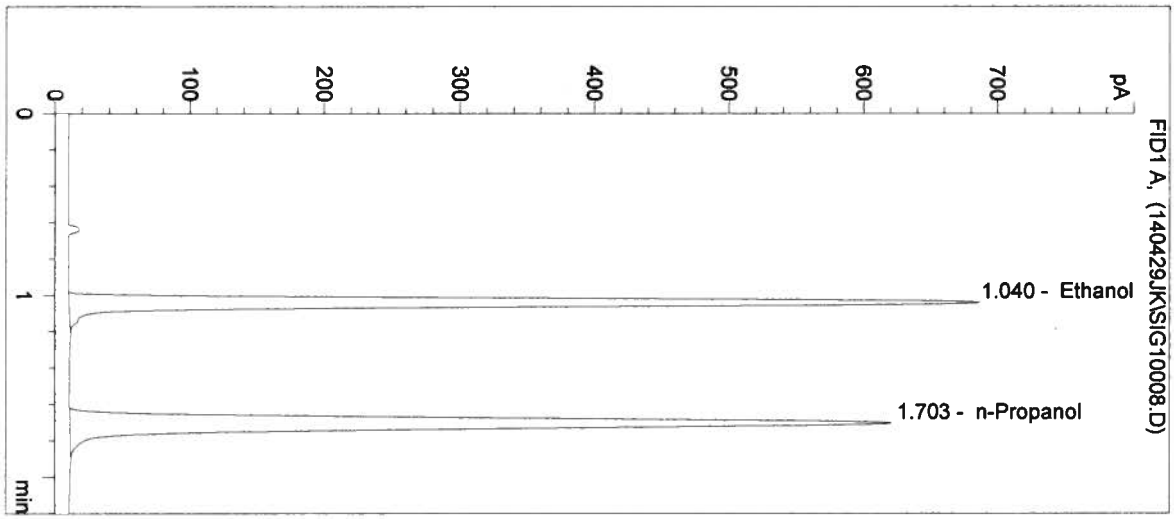
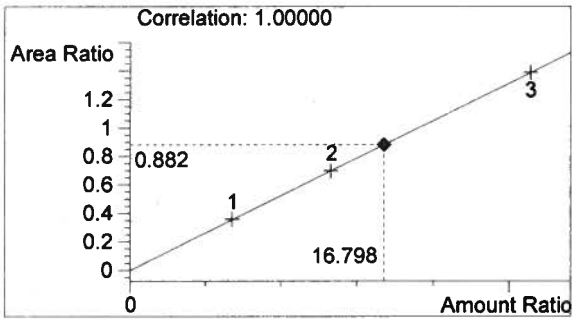
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:35:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

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

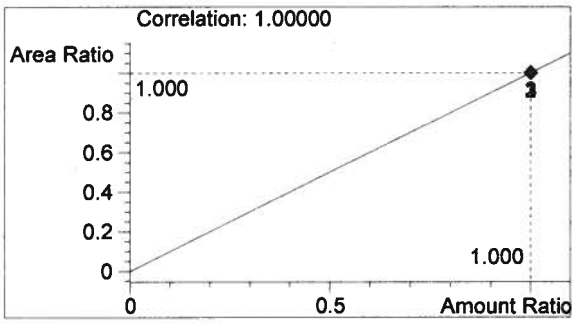


#	Compound	Peak Area	RT (min)
1	Ethanol	2136	1.040
2	n-Propanol	2422	1.703



Ethanol 0.202 g/100mL

14015



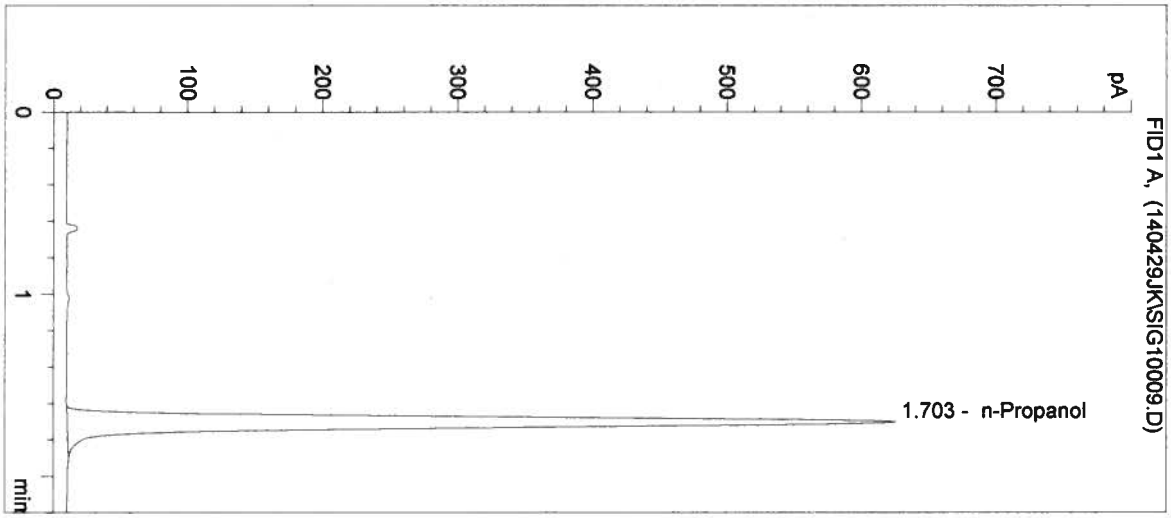
n-Propanol 0.012 g/100mL

JK

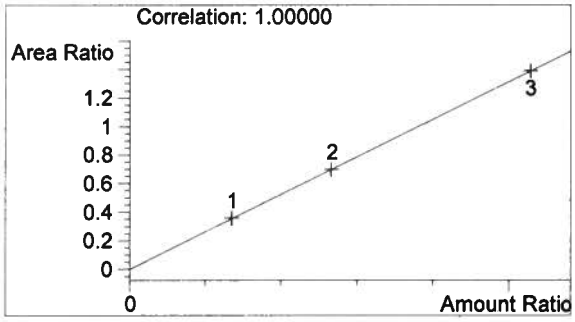
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:38:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

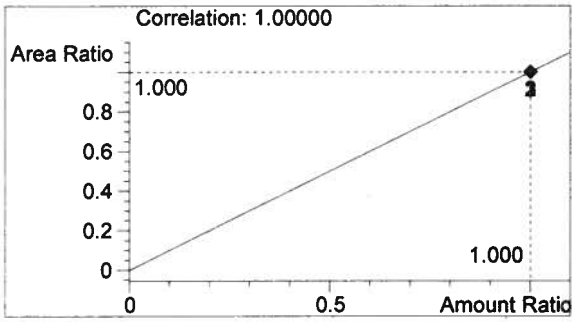


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2448	1.703



Ethanol 0.000 g/100mL

14015



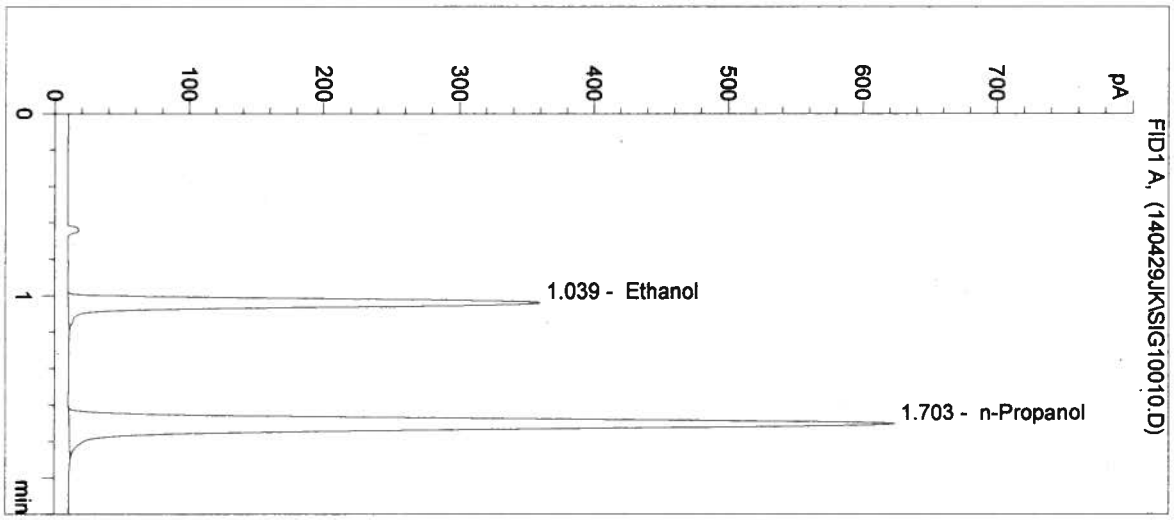
n-Propanol 0.012 g/100mL

JK

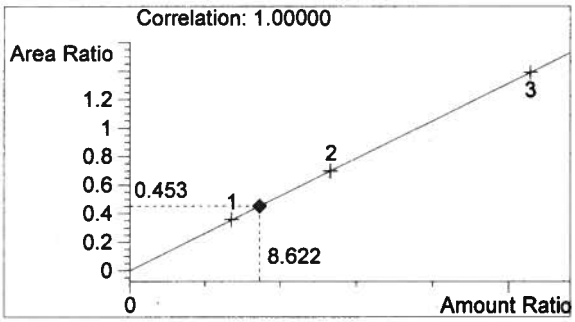
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:41:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

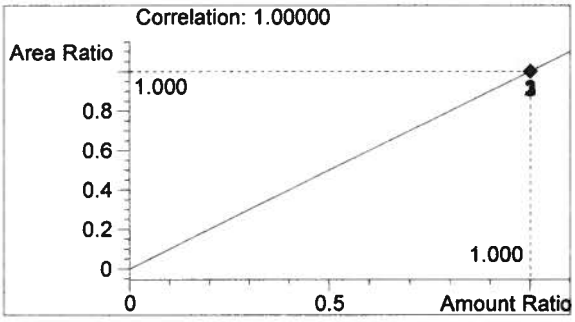
Sample Name: 14015-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.039
2	n-Propanol	2438	1.703



Ethanol 0.103 g/100mL

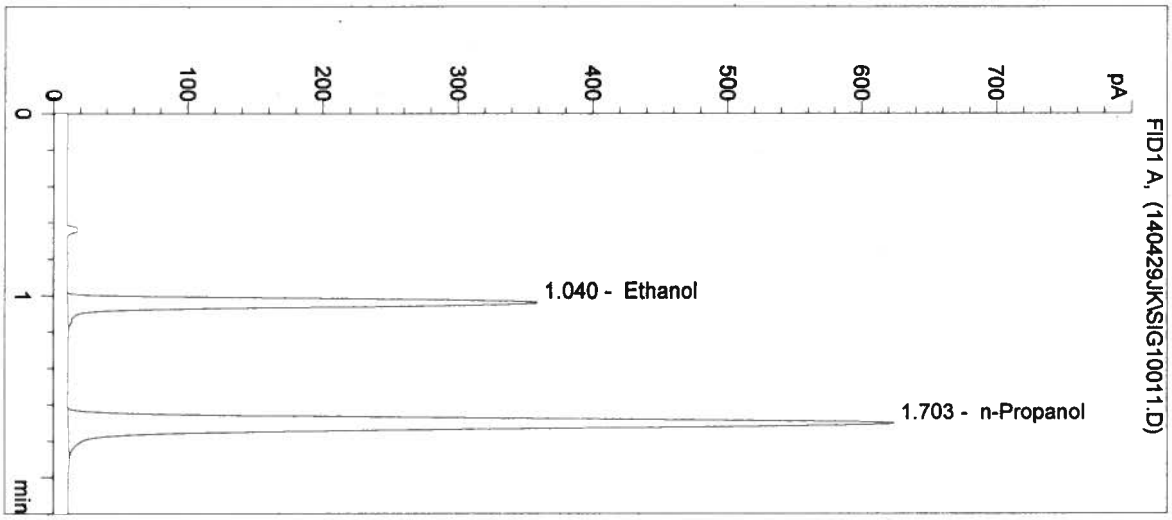


n-Propanol 0.012 g/100mL

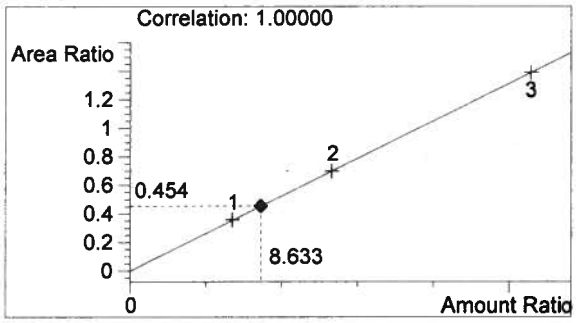
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:44:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

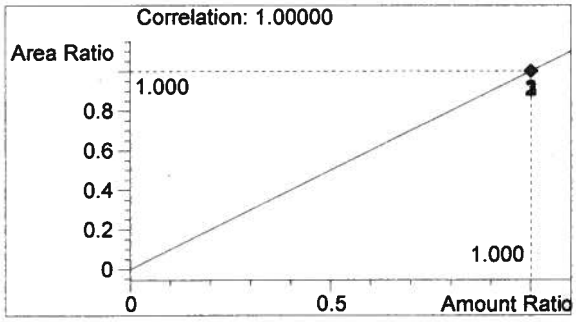
Sample Name: 14015-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.040
2	n-Propanol	2442	1.703



Ethanol 0.104 g/100mL

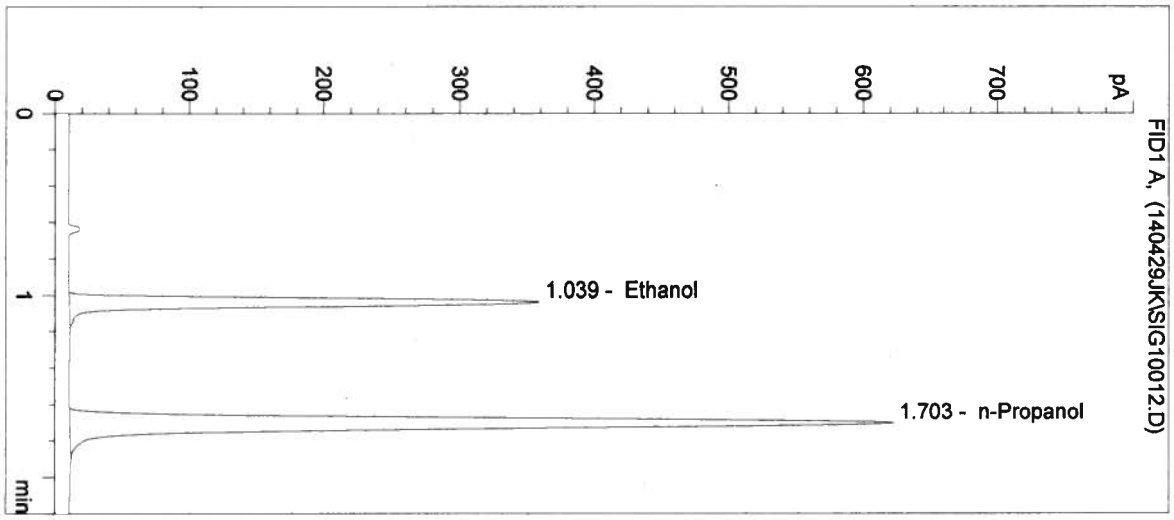


n-Propanol 0.012 g/100mL

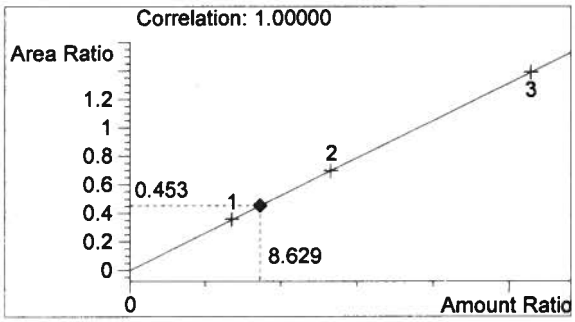
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:47:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

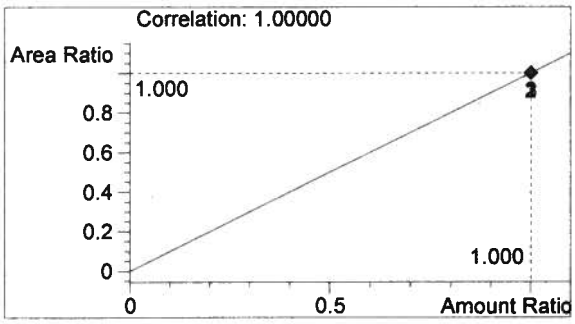
Sample Name: 14015-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1101	1.039
2	n-Propanol	2429	1.703



Ethanol 0.104 g/100mL

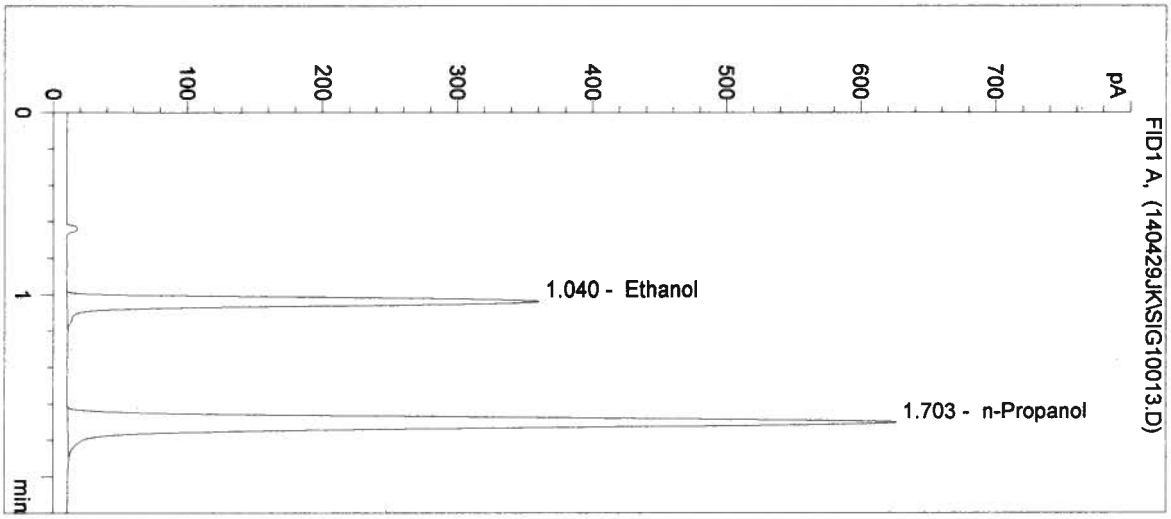


n-Propanol 0.012 g/100mL

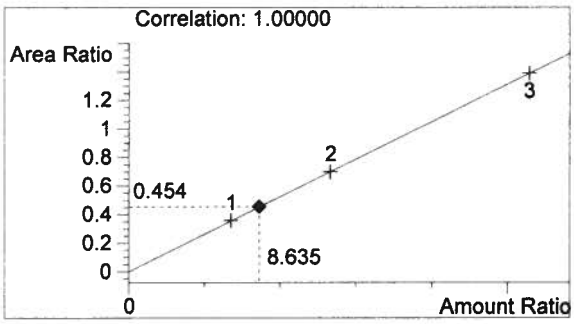
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:50:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

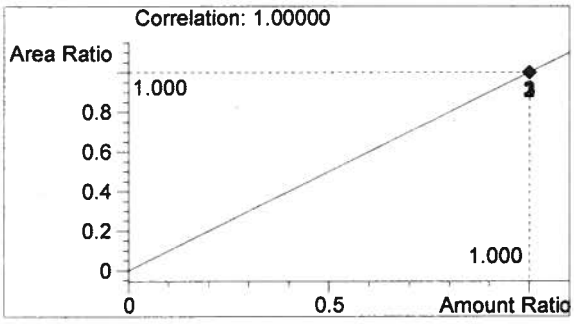
Sample Name: 14015-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.040
2	n-Propanol	2453	1.703



Ethanol 0.104 g/100mL

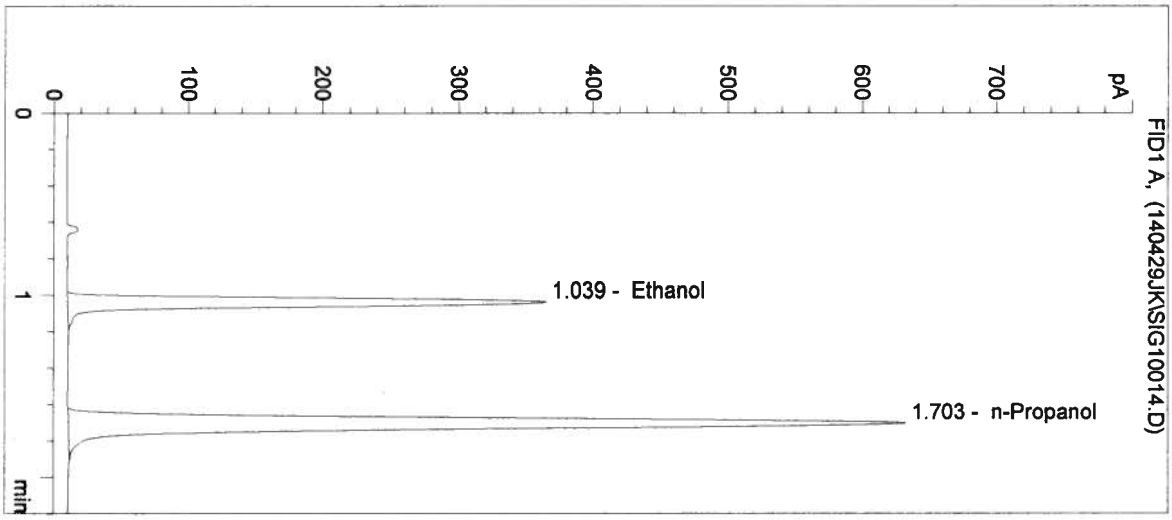


n-Propanol 0.012 g/100mL

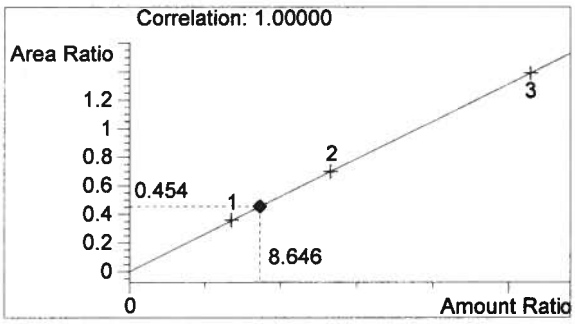
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:53:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

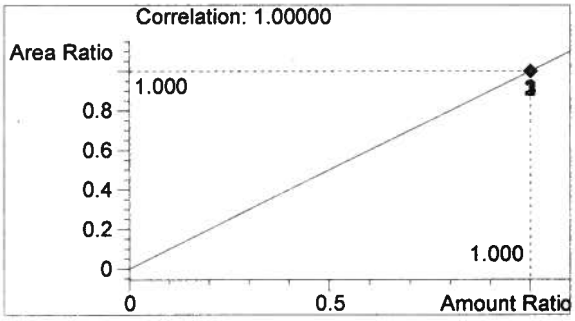
Sample Name: 14015-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.039
2	n-Propanol	2468	1.703



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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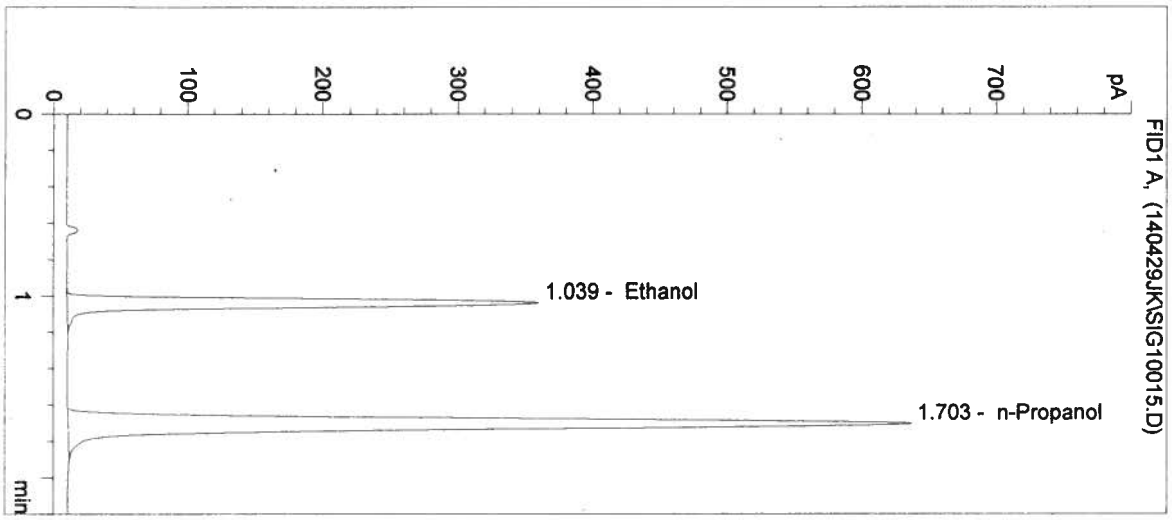
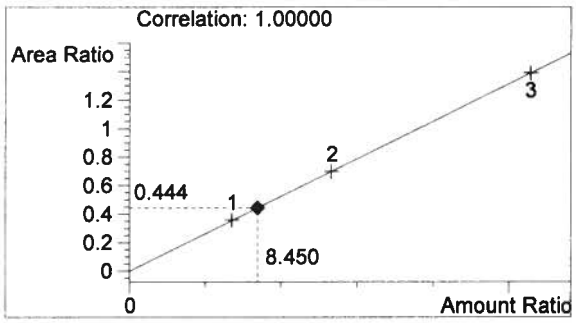
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 11:57:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

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

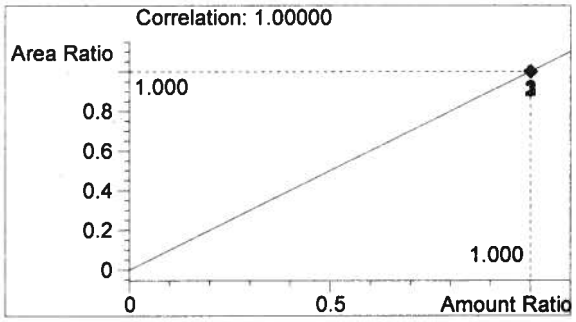


#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.039
2	n-Propanol	2485	1.703



Ethanol 0.101 g/100mL

14015

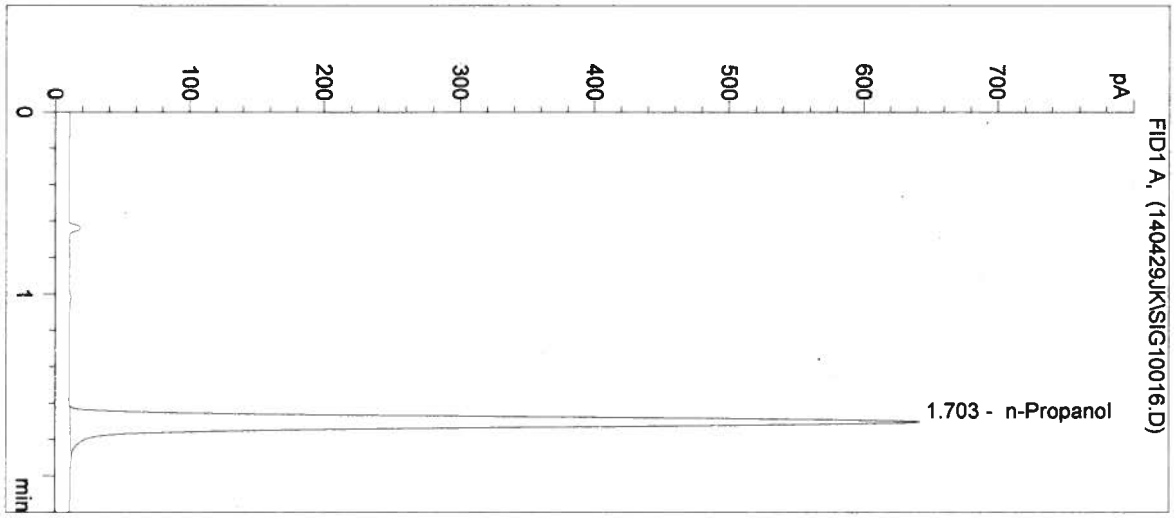


n-Propanol 0.012 g/100mL

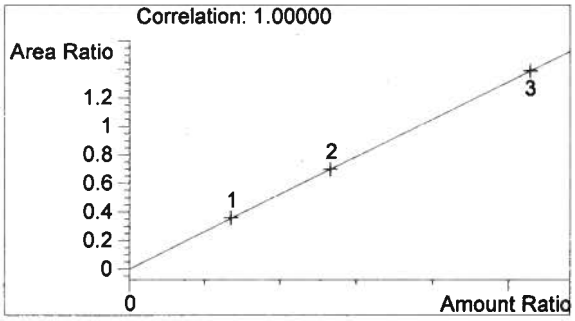
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 12:00:07 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

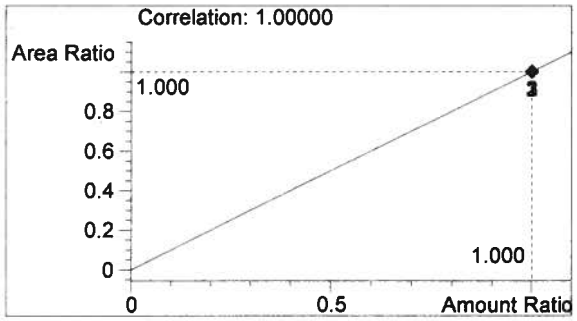


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2508	1.703



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Andrew Gingras
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:	140429AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Ethanol Calibrator 1, E0414-01 - Exp. 10/15/2014
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/2014
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/2014

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #FN08051301 - Exp. 10/2018
0.20 Control - Lot #FN100511-01 - Exp. 10/2016

ISTD Lot#P0314 - Exp. 6/24/2014

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	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 14015 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 14015 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 14015 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 14015 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 14015 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	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!

14015

140429AG

Calibration Table

Calib. Data Modified : Tuesday, April 29, 2014 2:56:40 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

14015

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref Grp	Name
1.040	1	1	8.12400e-2	871.56226	9.32119e-5	1	Ethanol
		2	1.59860e-1	1732.19946	9.22873e-5		
		3	3.17330e-1	3437.34082	9.23185e-5		
1.704	1	1	1.20000e-2	2431.13330	4.93597e-6	I1	n-Propanol
		2	1.20000e-2	2490.02637	4.81923e-6		
		3	1.20000e-2	2479.64966	4.83939e-6		

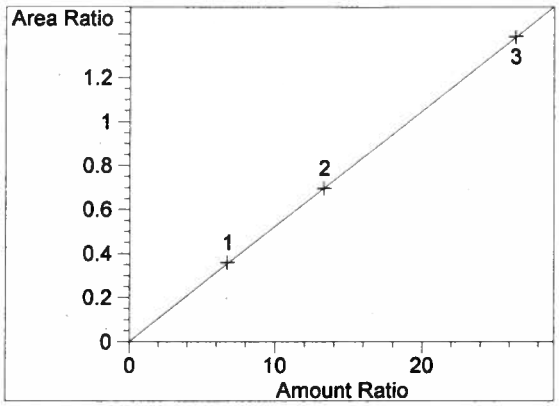
Peak Sum Table

No Entries in table

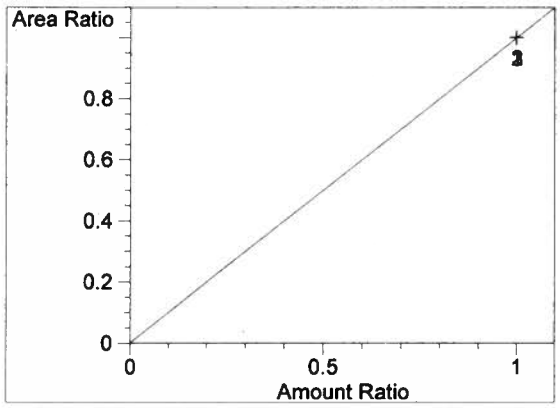
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00306
Formula: y = mx + b
m: 5.23627e-2
b: 9.08397e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
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

==========

14015

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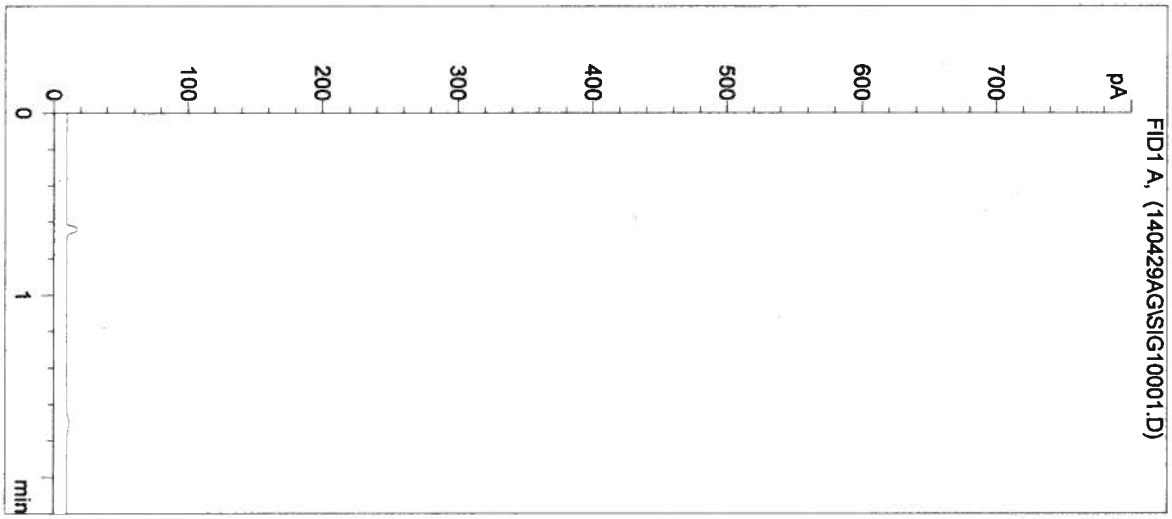
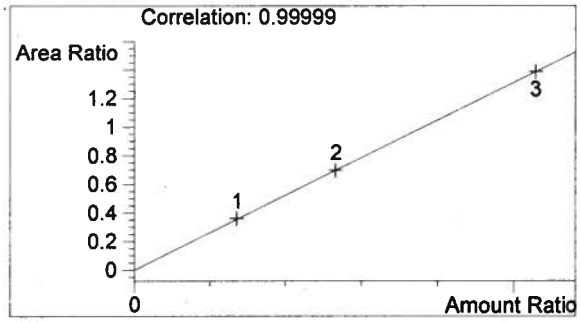
Inj. Date: 4/29/2014 2:45:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1

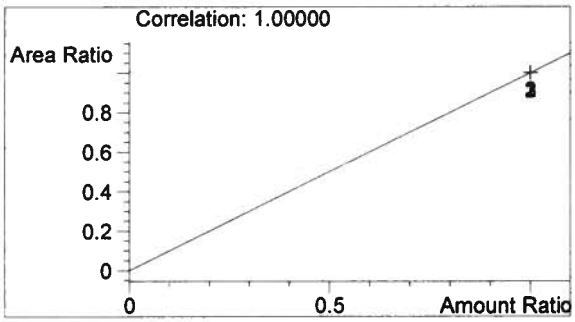


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

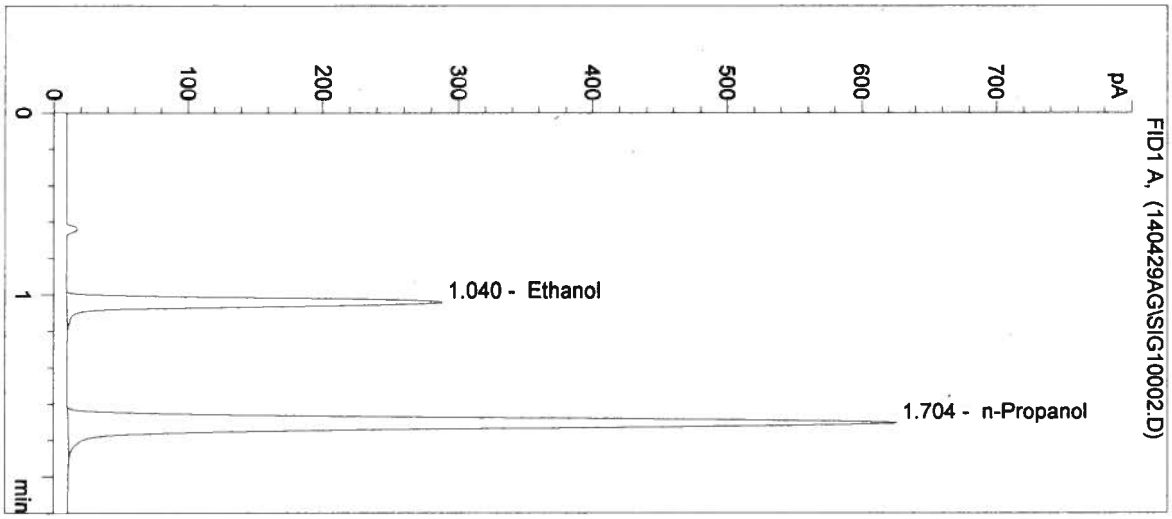


n-Propanol 0.000 g/100mL

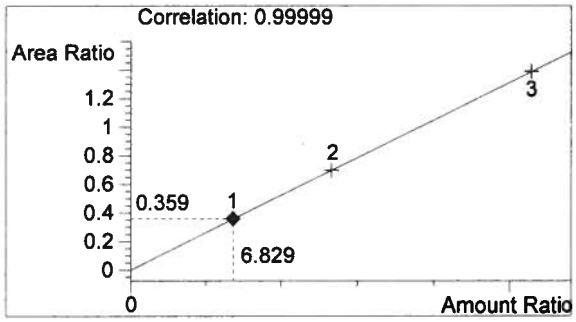
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 2:48:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2

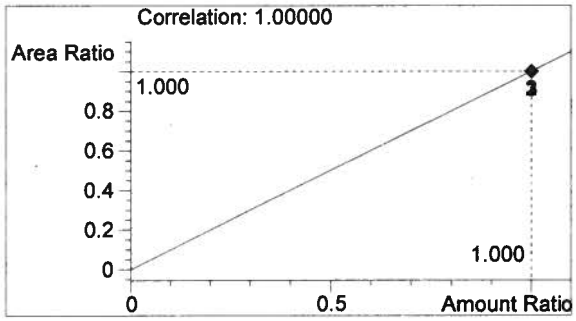


#	Compound	Peak Area	RT (min)
1	Ethanol	872	1.040
2	n-Propanol	2431	1.704



Ethanol 0.082 g/100mL

14015



n-Propanol 0.012 g/100mL

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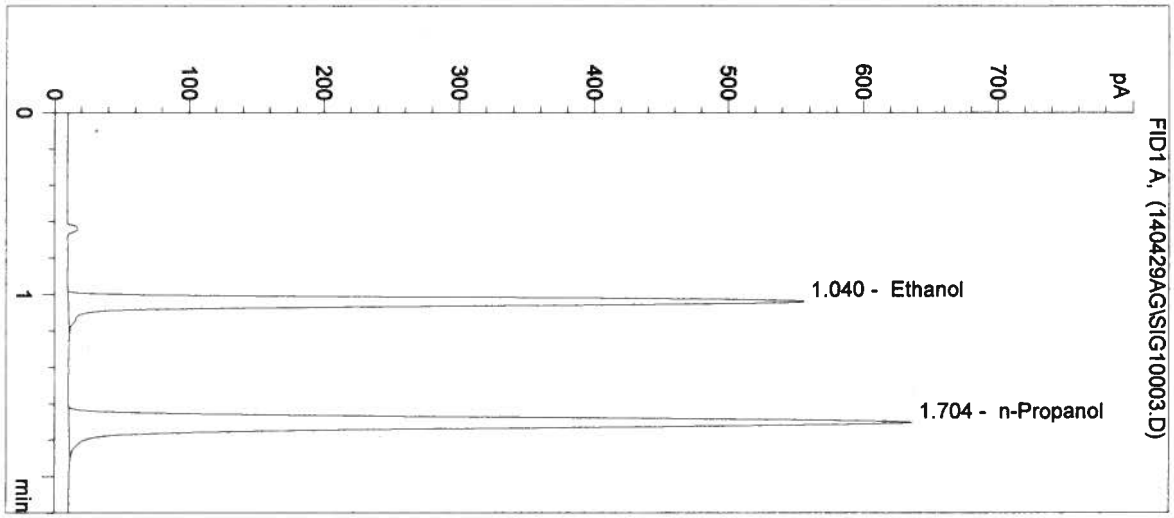
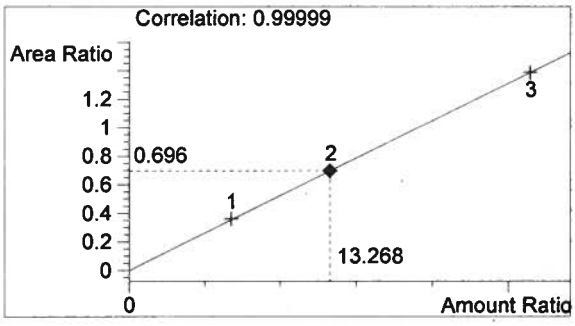
Inj. Date: 4/29/2014 2:51:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3

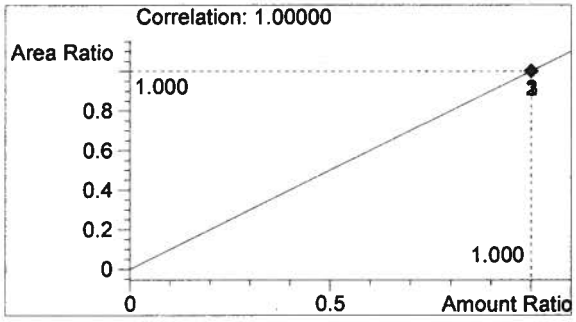


#	Compound	Peak Area	RT (min)
1	Ethanol	1732	1.040
2	n-Propanol	2490	1.704



Ethanol 0.159 g/100mL

14015



n-Propanol 0.012 g/100mL

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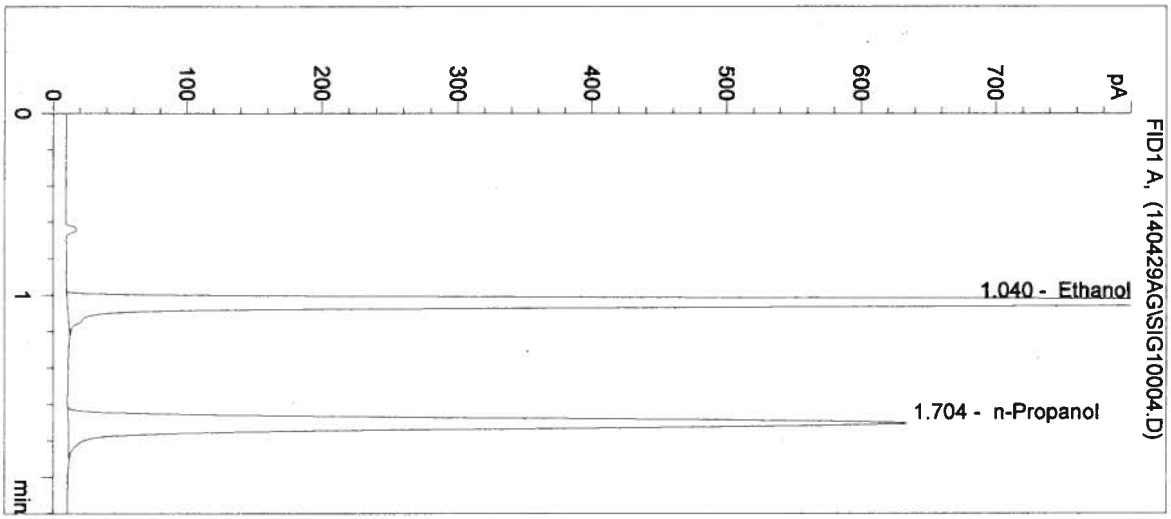
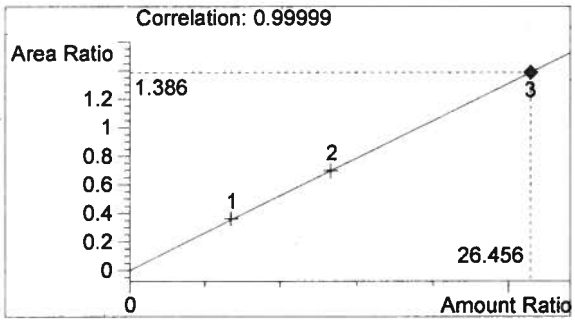
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 2:54:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4

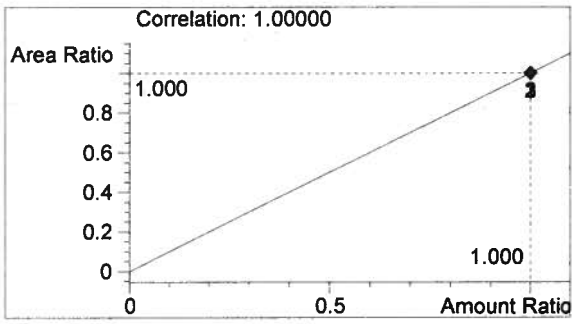


#	Compound	Peak Area	RT (min)
1	Ethanol	3437	1.040
2	n-Propanol	2480	1.704



Ethanol 0.317 g/100mL

14015



n-Propanol 0.012 g/100mL

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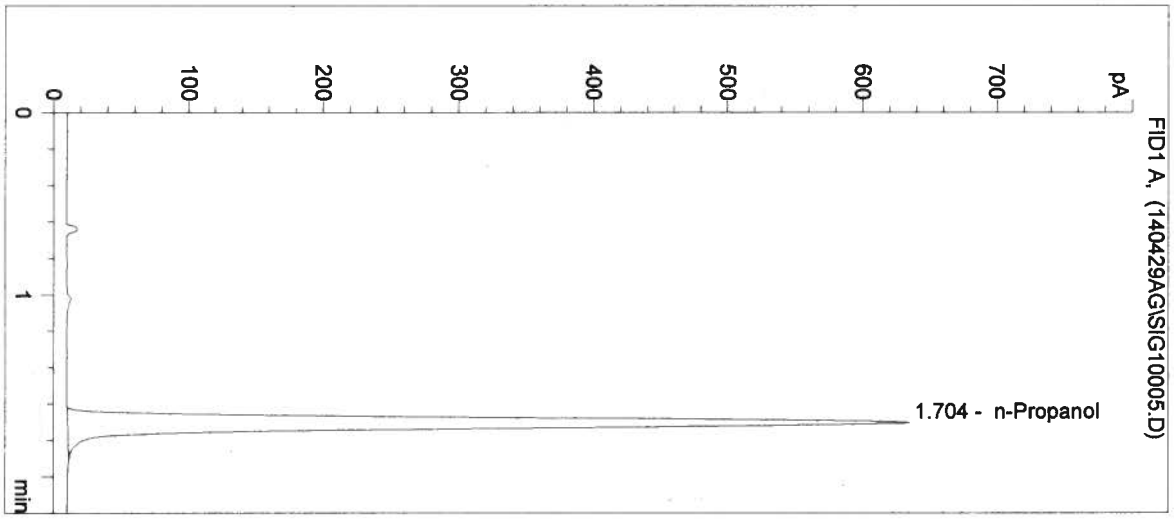
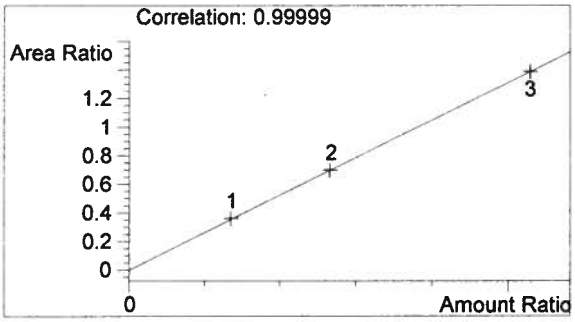
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 2:57:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 5

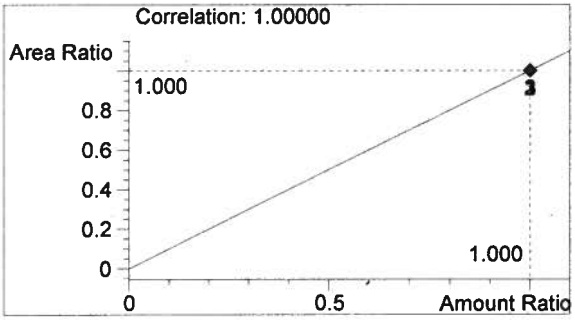


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2479	1.704



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

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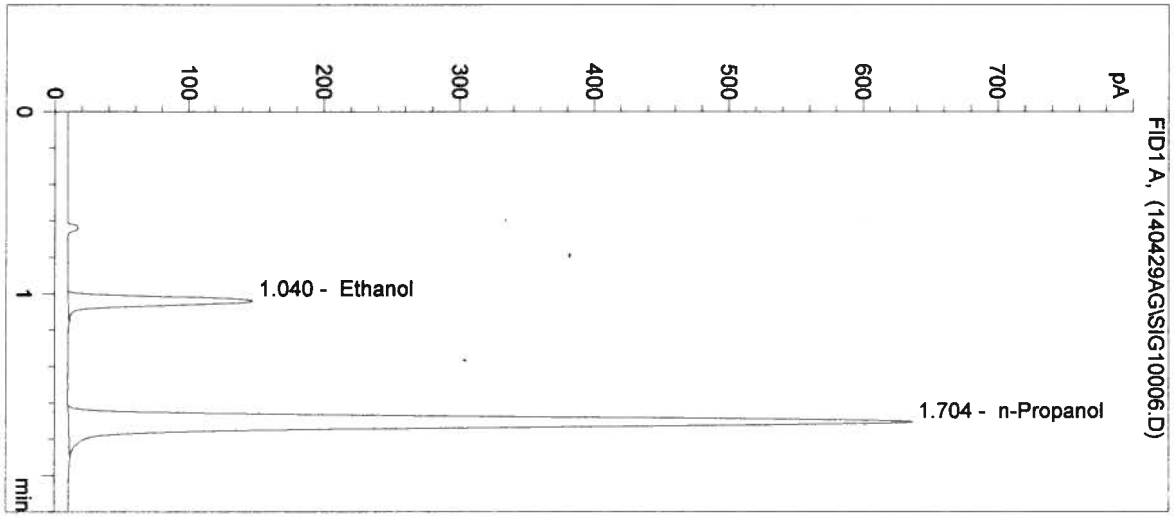
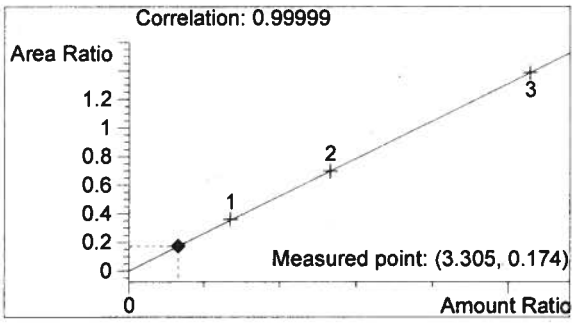
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:00:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 Ctrl
Operator: Andrew Gingras
Location: Vial 6

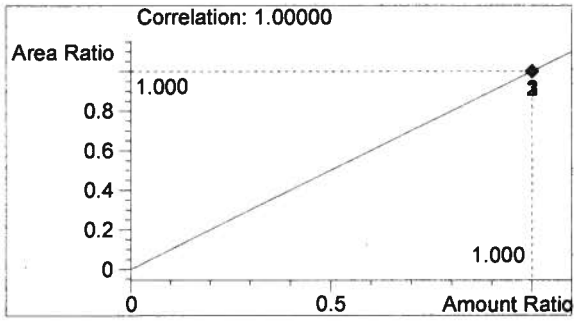


#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.040
2	n-Propanol	2495	1.704



Ethanol 0.040 g/100mL

14015



n-Propanol 0.012 g/100mL

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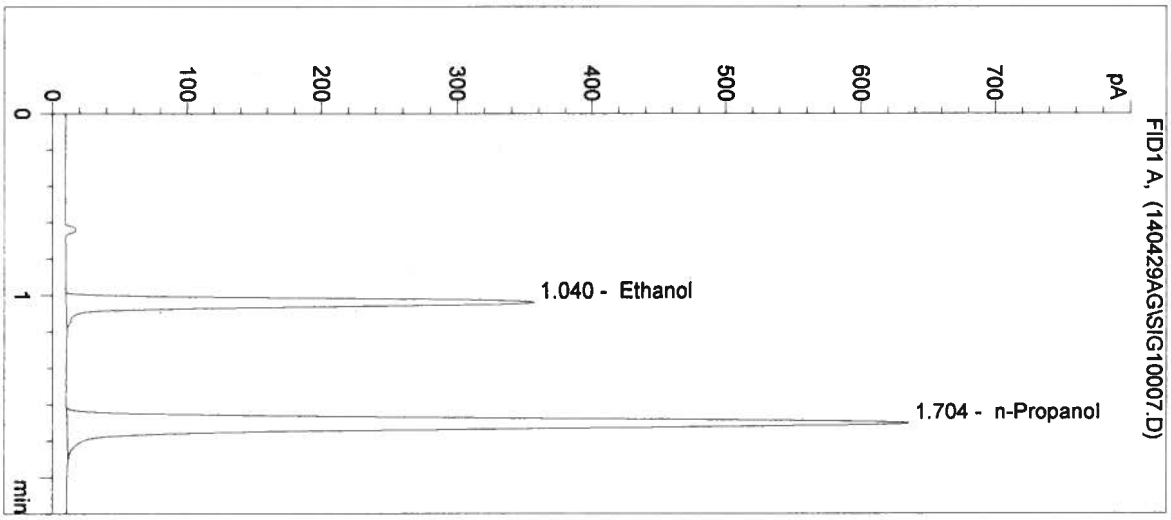
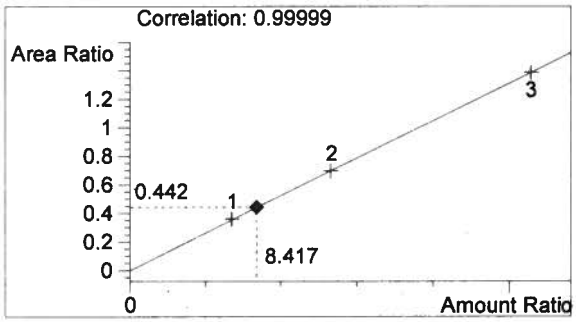
Inj. Date: 4/29/2014 3:03:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 7

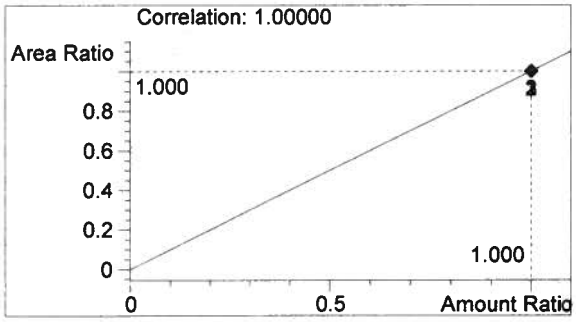


#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.040
2	n-Propanol	2485	1.704



Ethanol 0.101 g/100mL

14015



n-Propanol 0.012 g/100mL

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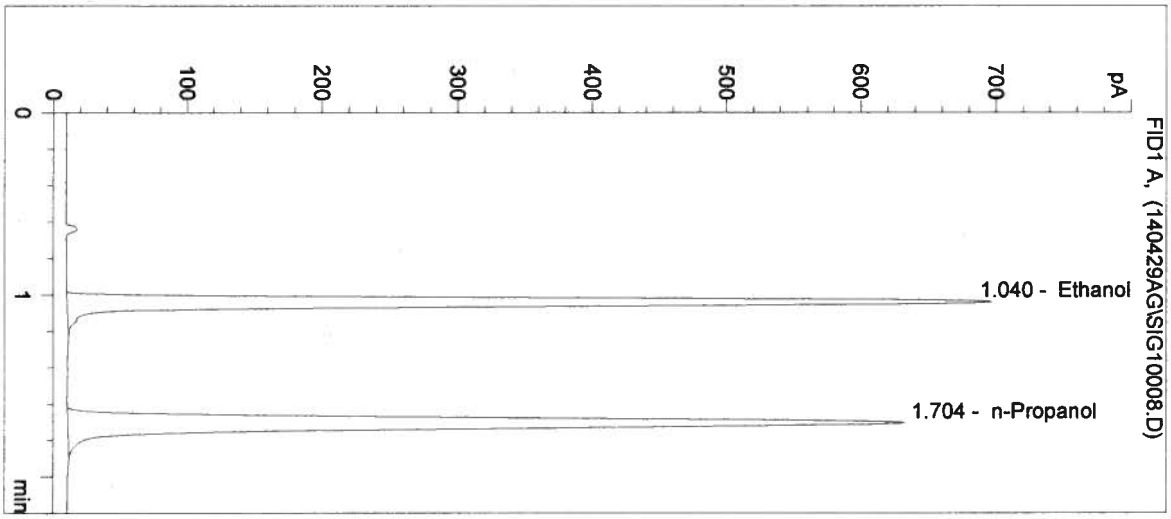
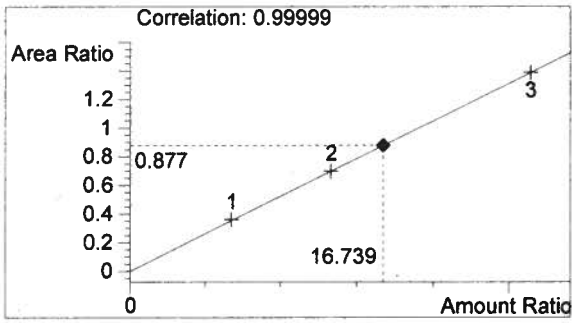
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:06:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 Ctrl
Operator: Andrew Gingras
Location: Vial 8

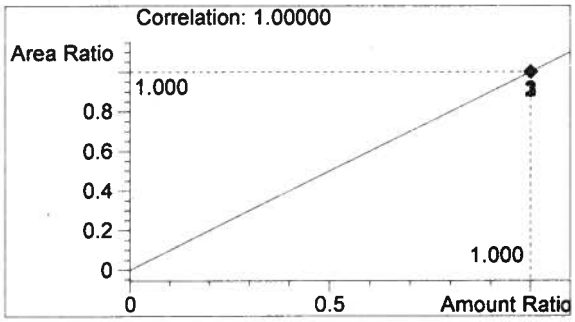


#	Compound	Peak Area	RT (min)
1	Ethanol	2169	1.040
2	n-Propanol	2472	1.704



Ethanol 0.201 g/100mL

14015



n-Propanol 0.012 g/100mL

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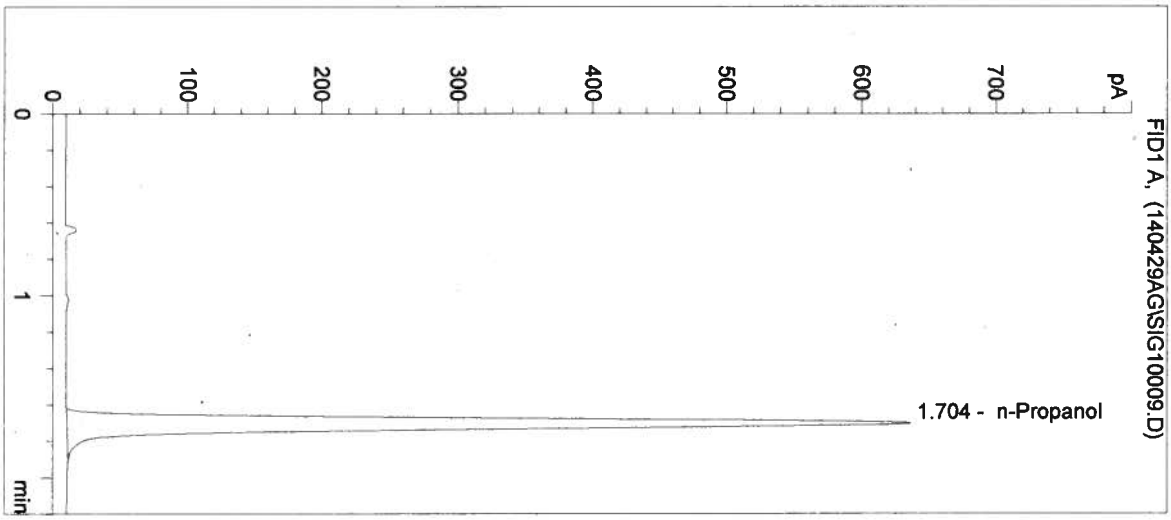
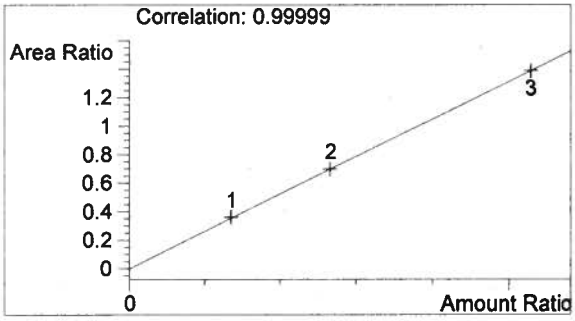
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:09:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 9

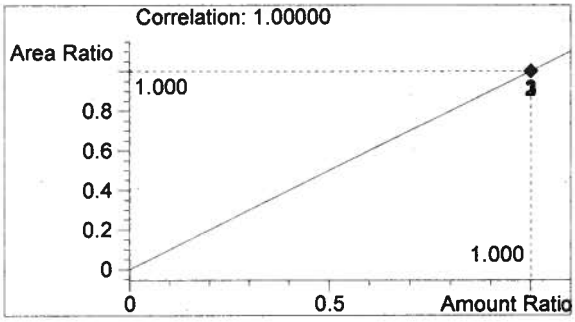


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2495	1.704



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

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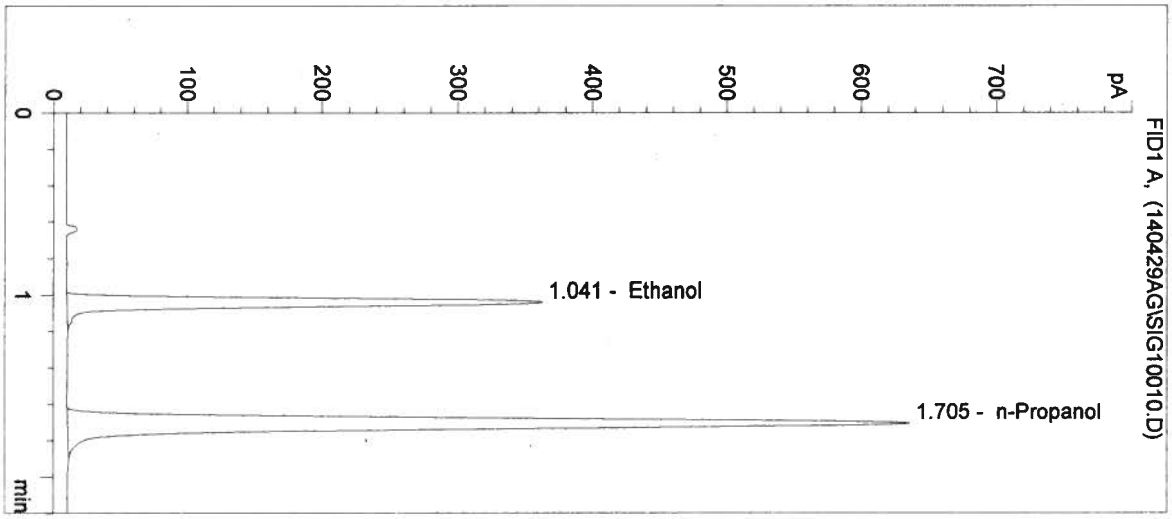
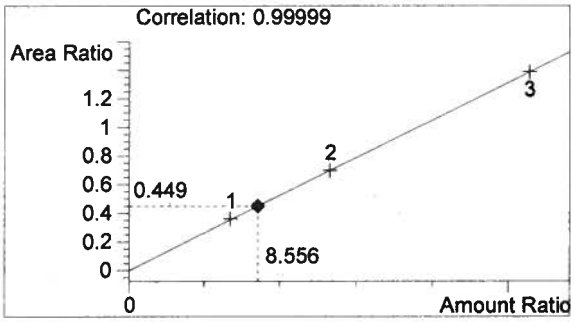
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:12:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

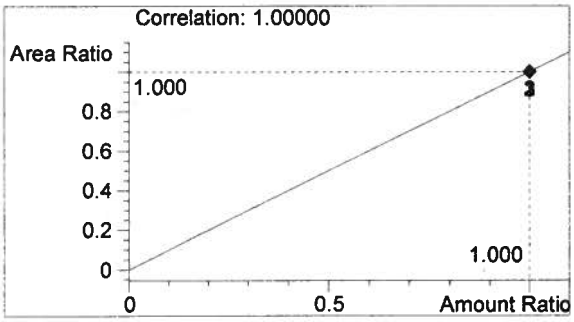
Sample Name: ESS 14015 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2485	1.705



Ethanol 0.103 g/100mL

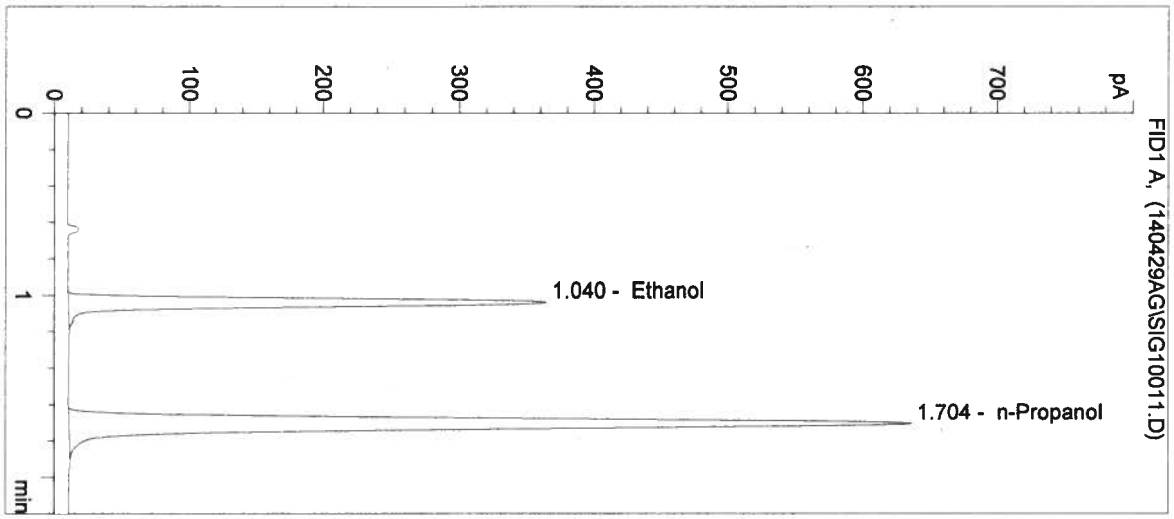


n-Propanol 0.012 g/100mL

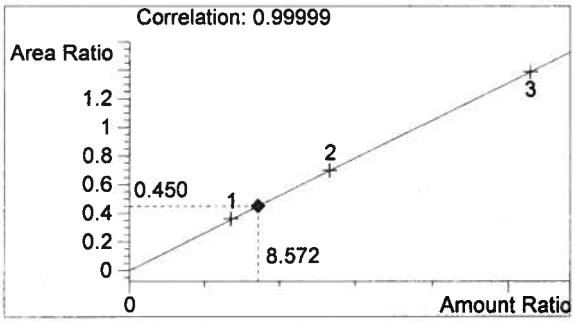
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:16:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

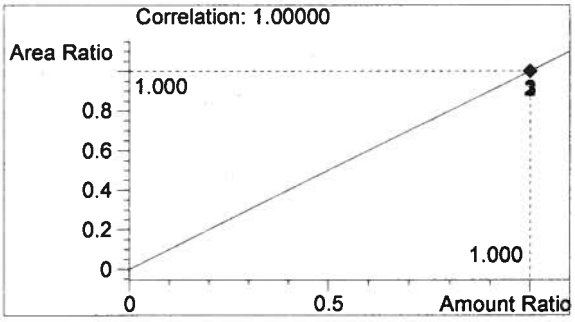
Sample Name: ESS 14015 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.040
2	n-Propanol	2489	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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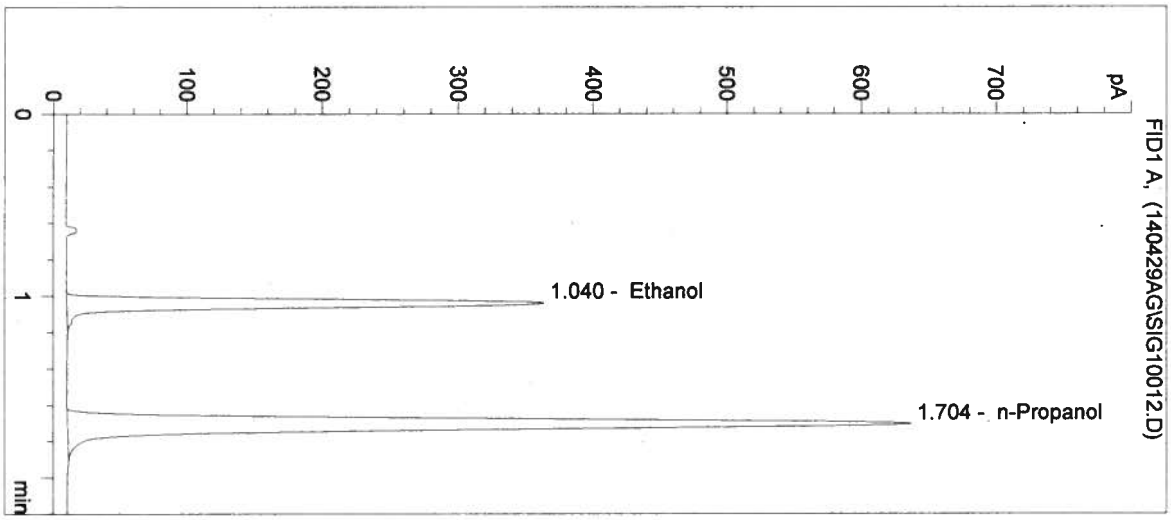
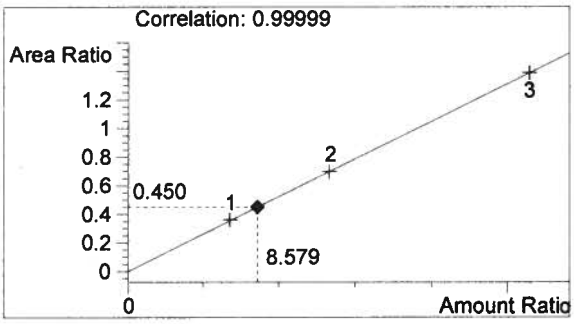
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:19:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

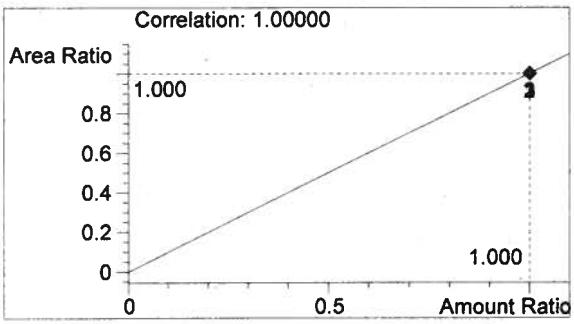
Sample Name: ESS 14015 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.040
2	n-Propanol	2491	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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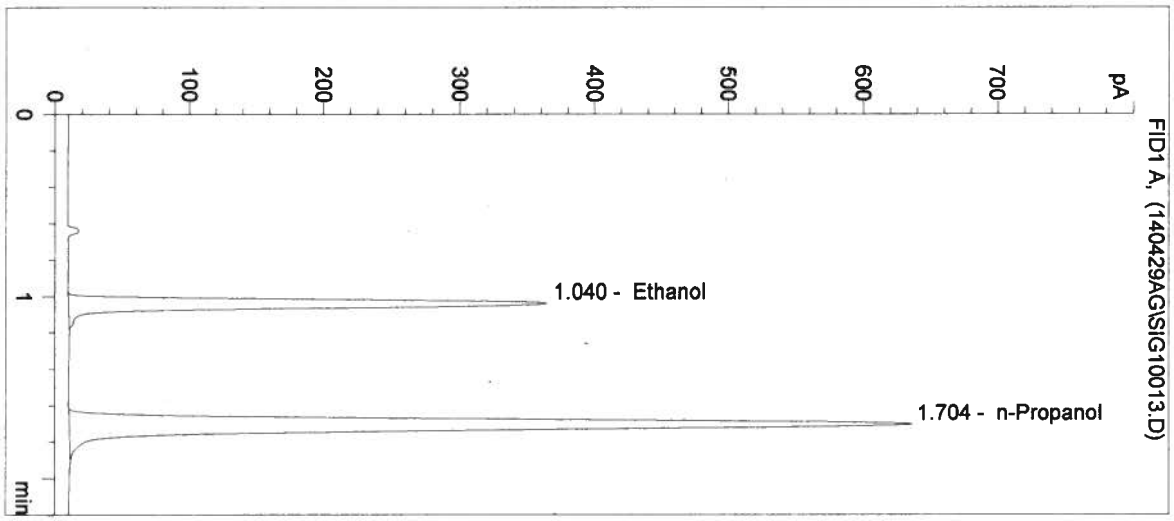
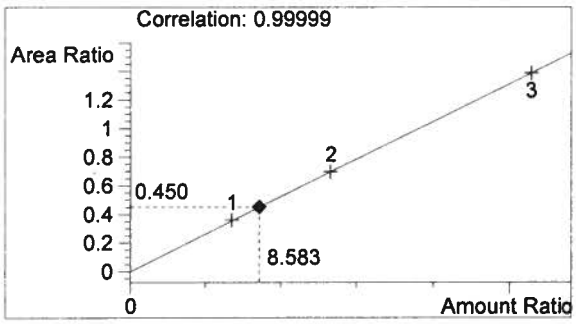
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:22:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

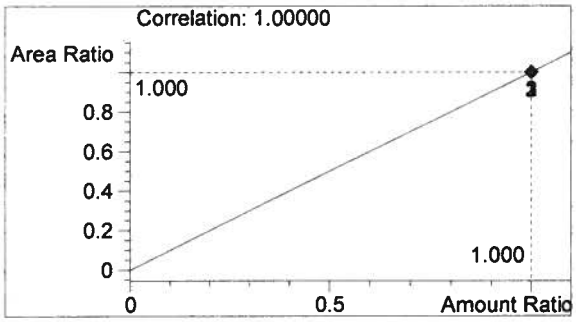
Sample Name: ESS 14015 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.040
2	n-Propanol	2493	1.704



Ethanol 0.103 g/100mL

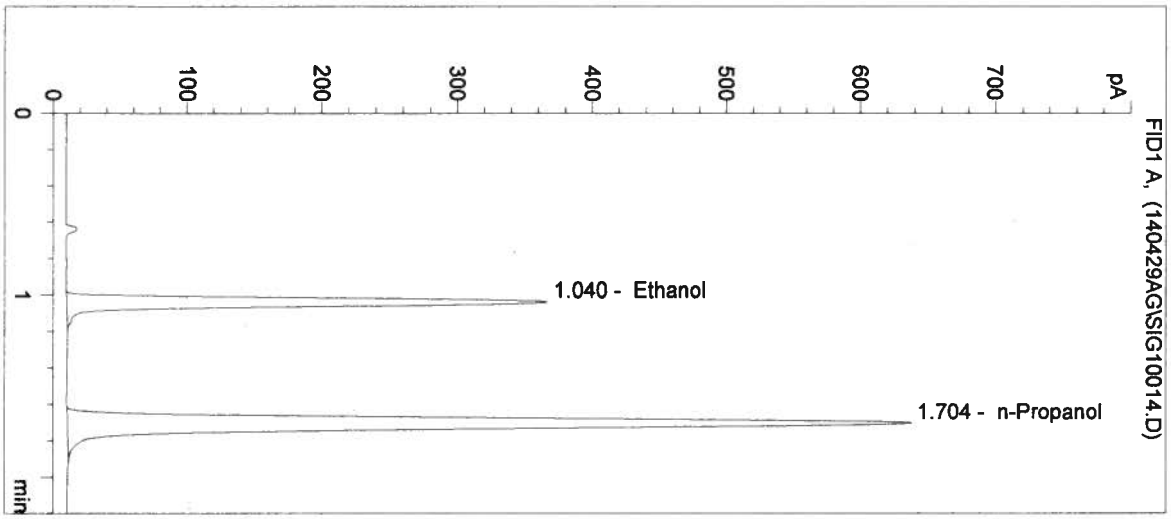


n-Propanol 0.012 g/100mL

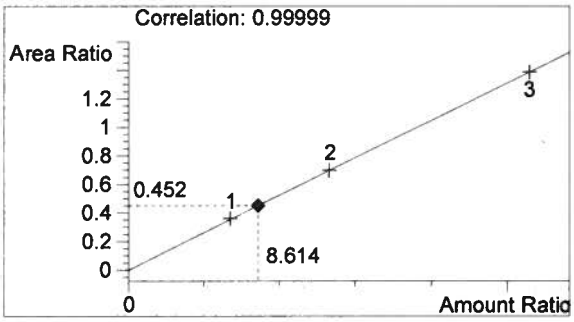
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:25:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

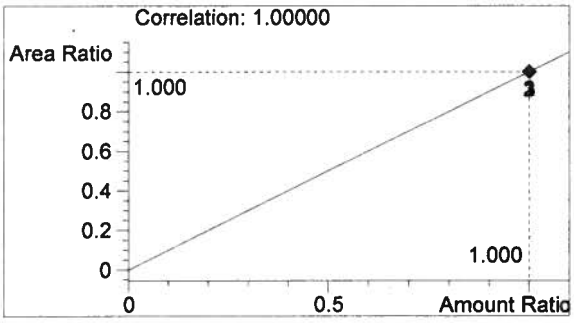
Sample Name: ESS 14015 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.040
2	n-Propanol	2484	1.704



Ethanol 0.103 g/100mL



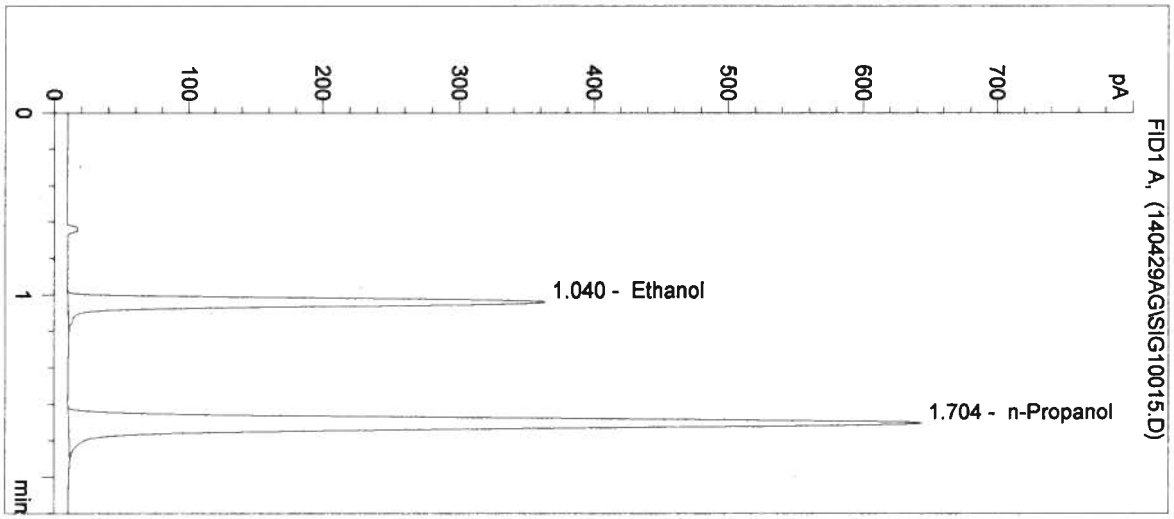
n-Propanol 0.012 g/100mL

AG

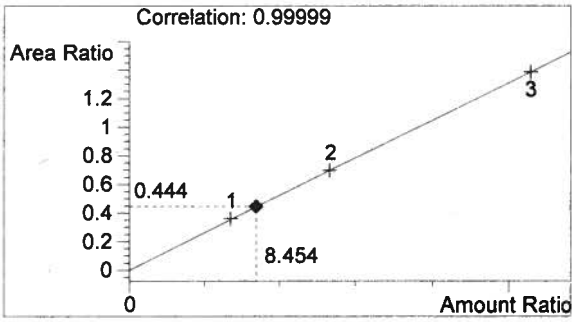
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 4/29/2014 3:28:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 15

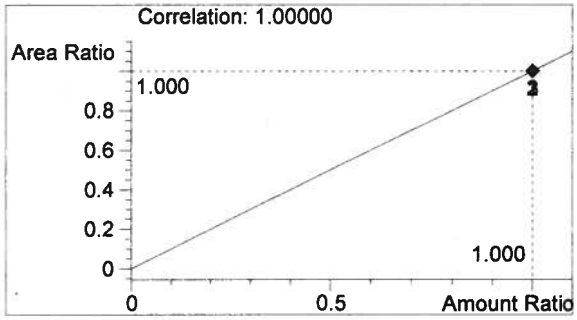


#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.040
2	n-Propanol	2508	1.704



Ethanol 0.101 g/100mL

14015



n-Propanol 0.012 g/100mL

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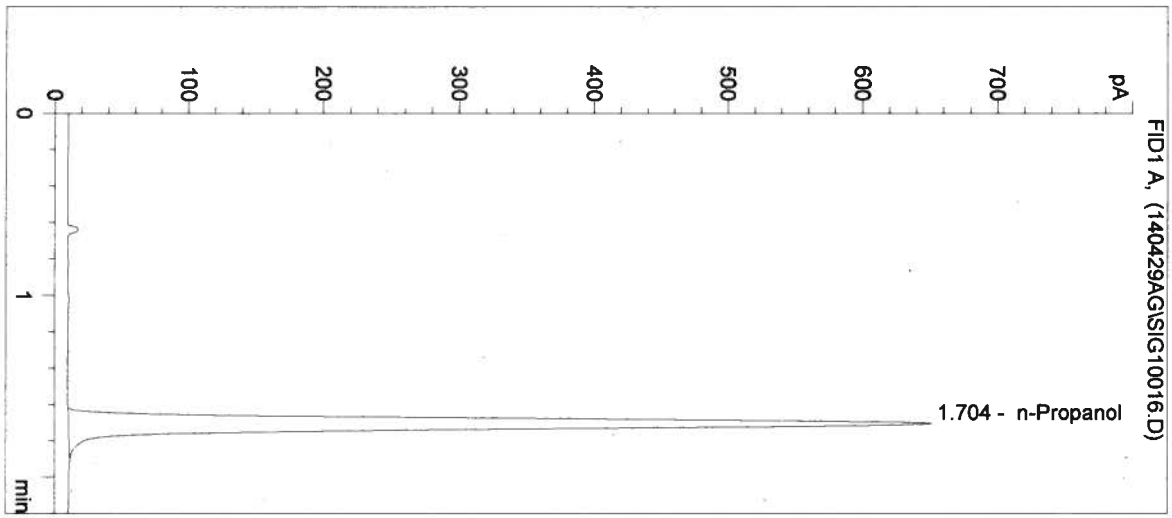
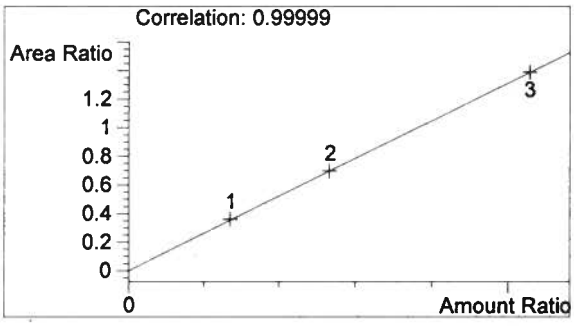
Inj. Date: 4/29/2014 3:31:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 16

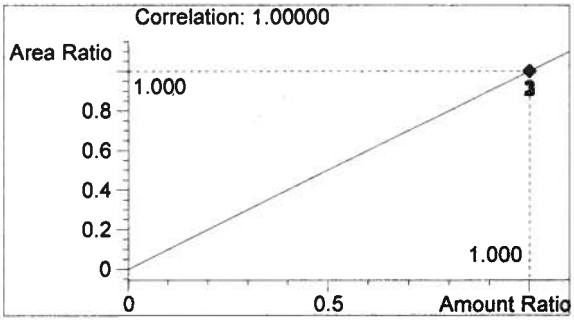


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2537	1.704



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\RFEXTSTD.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:	140501RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0414-01 - Exp. 10/15/2014
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/2014
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/2014
CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016

Internal Standard Lot#P0314 - Exp. 06/24/2014

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 RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	14015-1	SIMALC1	1	Sample		
11	Vial 11	14015-2	SIMALC1	1	Sample		
12	Vial 12	14015-3	SIMALC1	1	Sample		
13	Vial 13	14015-4	SIMALC1	1	Sample		
14	Vial 14	14015-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL RF	SIMALC1	1	Ctrl Samp		
17	Vial 17	14016-1	SIMALC1	1	Sample		
18	Vial 18	14016-2	SIMALC1	1	Sample		
19	Vial 19	14016-3	SIMALC1	1	Sample		
20	Vial 20	14016-4	SIMALC1	1	Sample		
21	Vial 21	14016-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL RF	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL RF	SIMALC1	1	Ctrl Samp		

Calibration Part:

RF

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

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

Sequence Table (Back Injector):

No entries - empty table!

14015

14016

RF

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

Calibration Table

Calib. Data Modified : Thursday, May 01, 2014 12:18:27 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]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.12400e-2	861.32678	9.43196e-5	1		Ethanol
		2	1.59860e-1	1700.68628	9.39973e-5			
		3	3.17330e-1	3555.72144	8.92449e-5			
1.705	1	1	1.20000e-2	2427.36084	4.94364e-6	I1		n-Propanol
		2	1.20000e-2	2420.32520	4.95801e-6			
		3	1.20000e-2	2515.97046	4.76953e-6			

14015

14016

Peak Sum Table

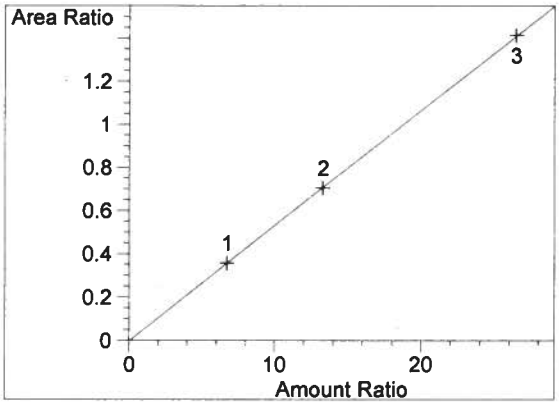
No Entries in table

RF

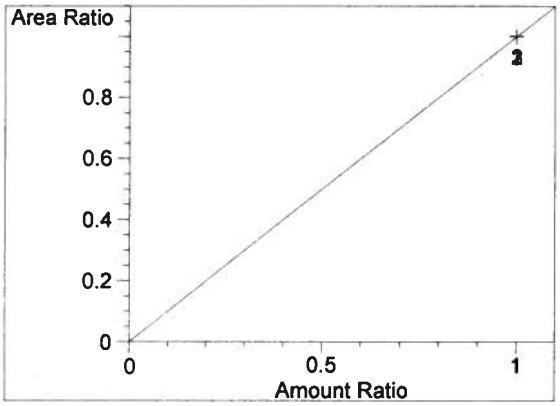
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00582
Formula: y = mx + b
m: 5.34910e-2
b: -4.61971e-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

==========

14015

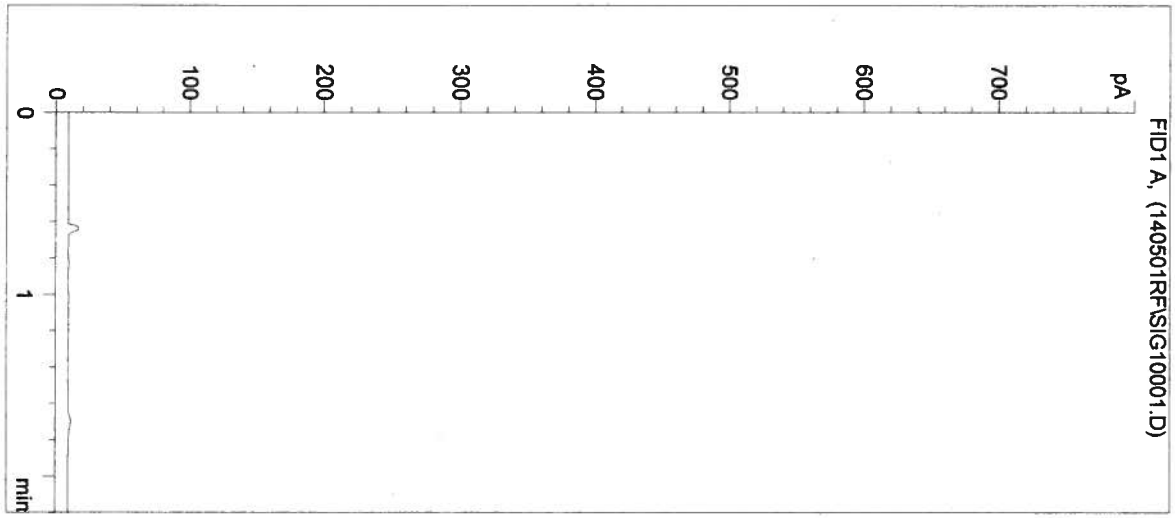
14016

RF

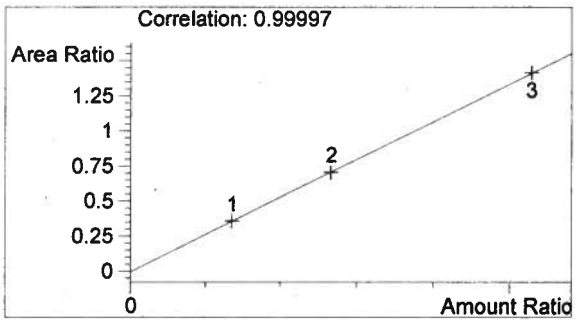
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:06:59 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



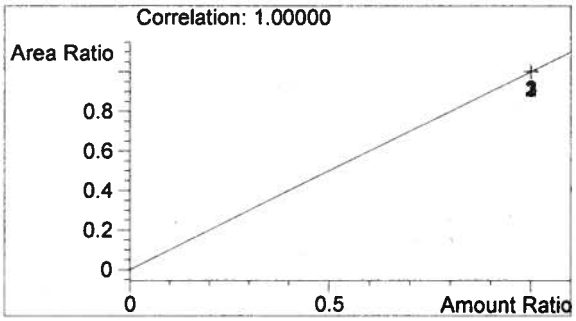
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

14016



n-Propanol 0.000 g/100mL

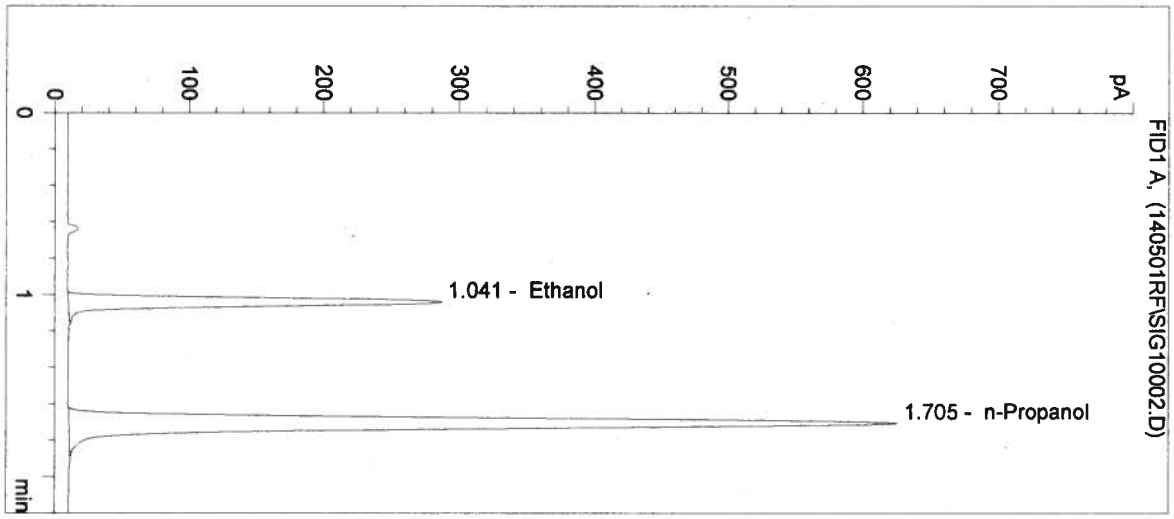
Data File: C:\HPCHEM\1\DATA\140501RF\SIG10001.D

RF

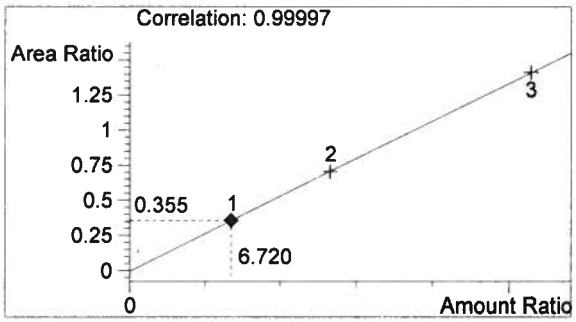
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:10:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-01 - (0.079g/100mL)

Sample Name: CAL1 0.079
Operator: Rebecca Flaherty
Location: Vial 2



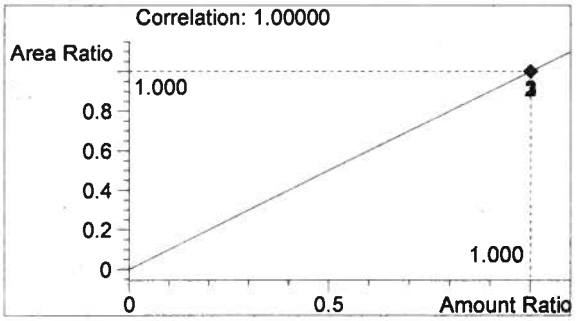
#	Compound	Peak Area	RT (min)
1	Ethanol	861	1.041
2	n-Propanol	2427	1.705



Ethanol 0.081 g/100mL

14015

14016



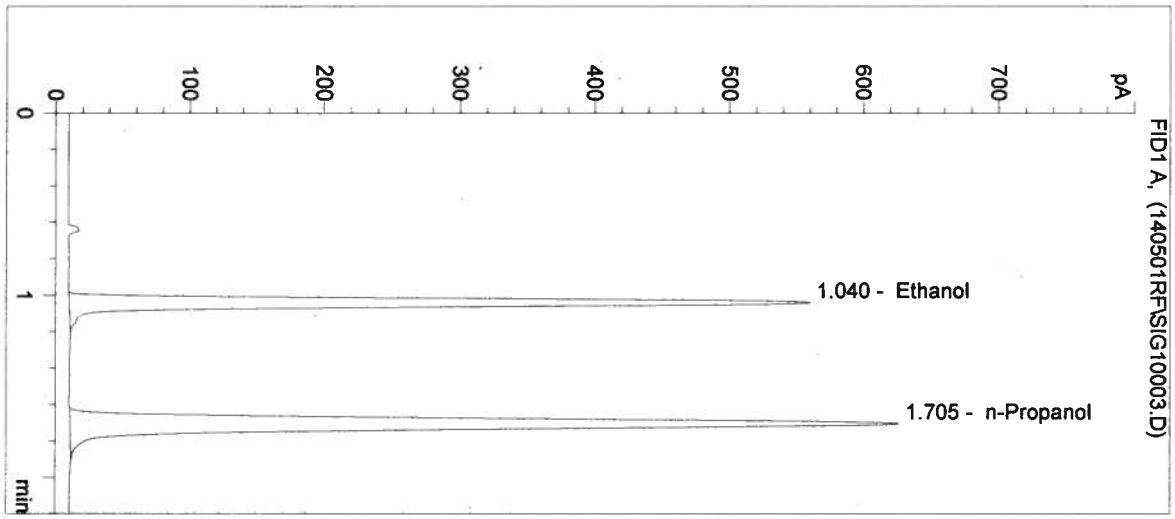
n-Propanol 0.012 g/100mL

RF

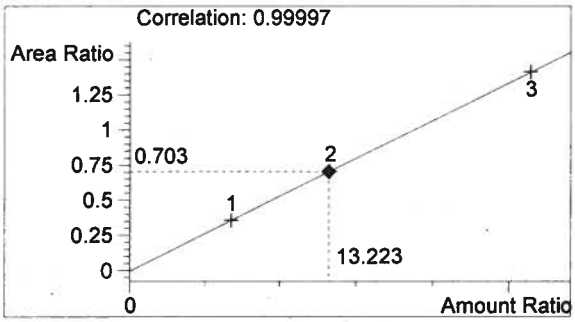
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:13:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-02 - (0.158g/100mL)

Sample Name: CAL2 0.158
Operator: Rebecca Flaherty
Location: Vial 3



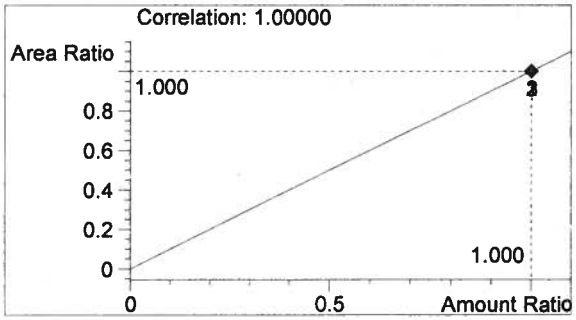
#	Compound	Peak Area	RT (min)
1	Ethanol	1701	1.040
2	n-Propanol	2420	1.705



Ethanol 0.159 g/100mL

14015

14016



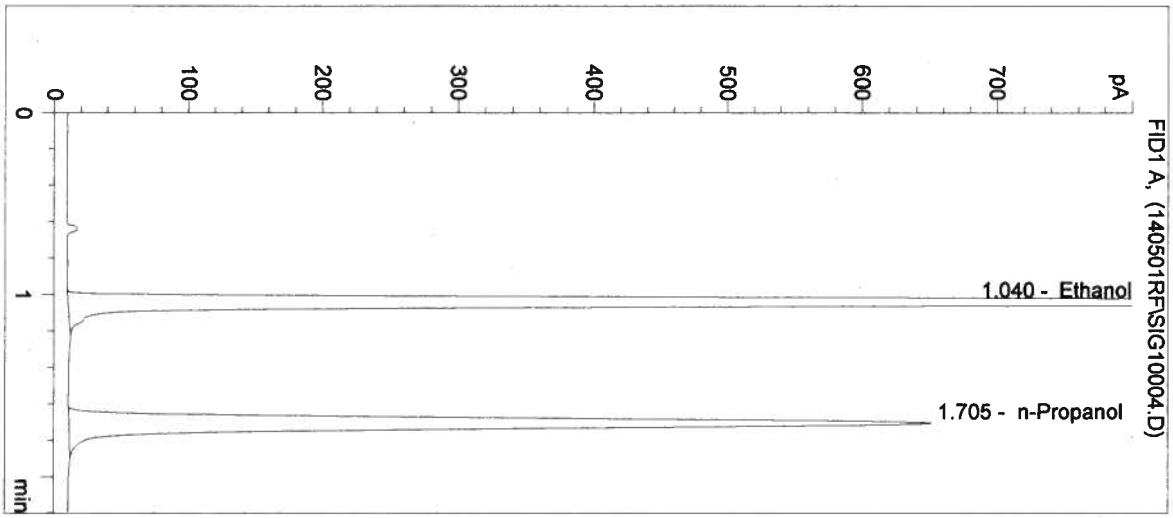
n-Propanol 0.012 g/100mL

RF

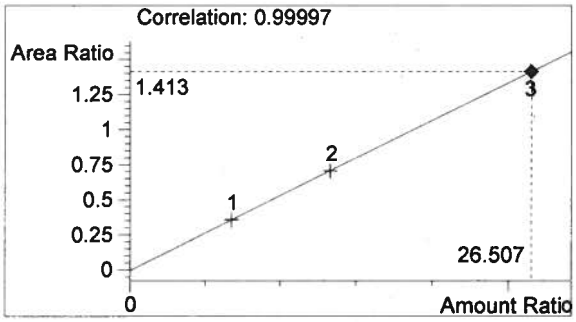
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:16:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0414-03 - (0.316g/100mL)

Sample Name: CAL3 0.316
Operator: Rebecca Flaherty
Location: Vial 4



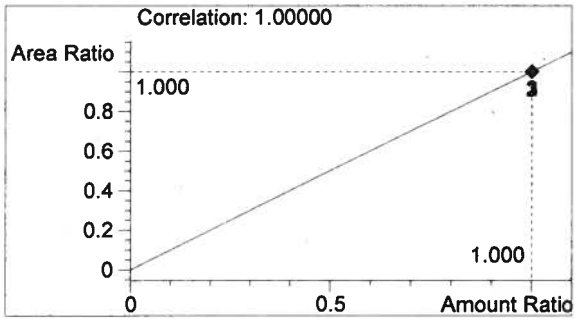
#	Compound	Peak Area	RT (min)
1	Ethanol	3556	1.040
2	n-Propanol	2516	1.705



Ethanol 0.318 g/100mL

14015

14016



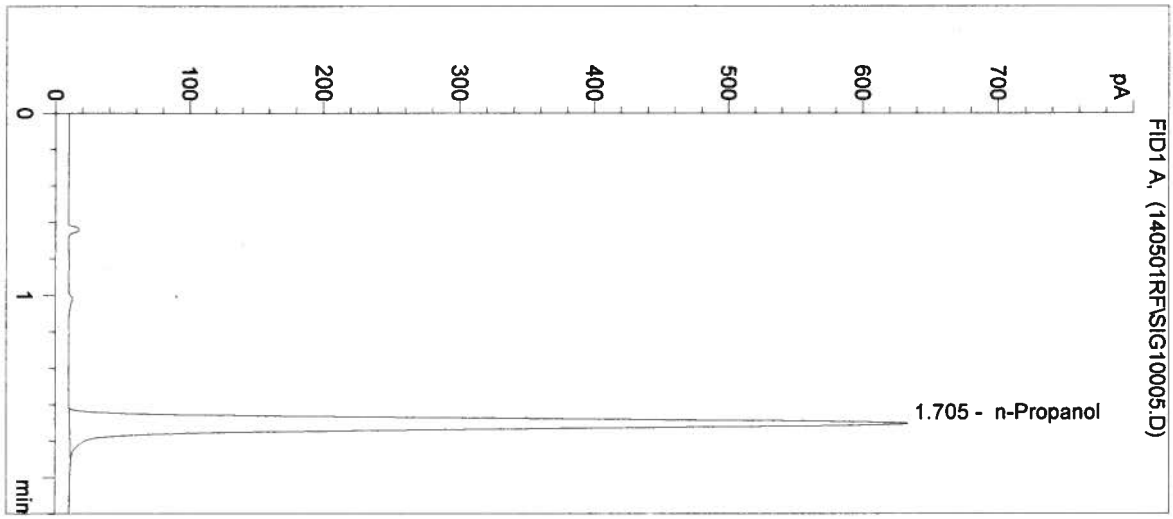
n-Propanol 0.012 g/100mL

RF

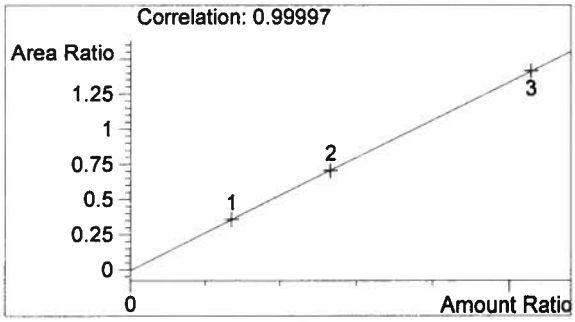
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:19:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL RF
Operator: Rebecca Flaherty
Location: Vial 5



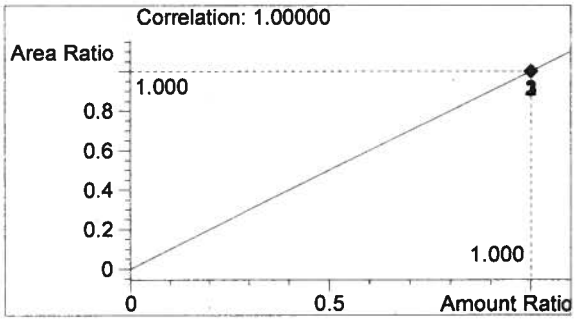
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2448	1.705



Ethanol 0.000 g/100mL

14015

14016



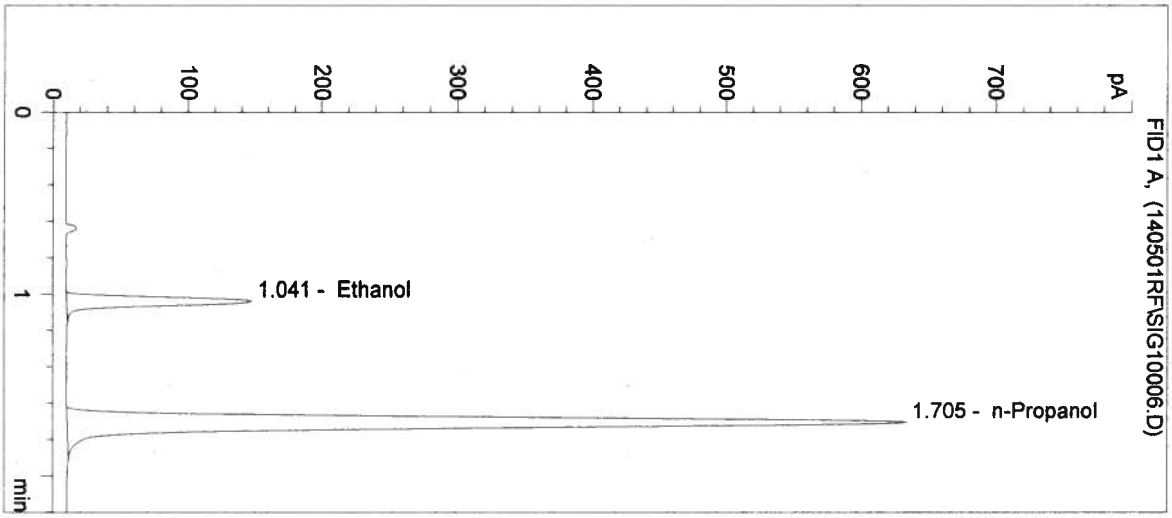
n-Propanol 0.012 g/100mL

RF

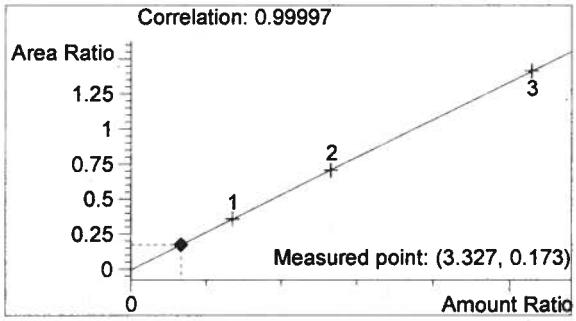
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:22:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

Sample Name: 0.04 CTRL RF
Operator: Rebecca Flaherty
Location: Vial 6



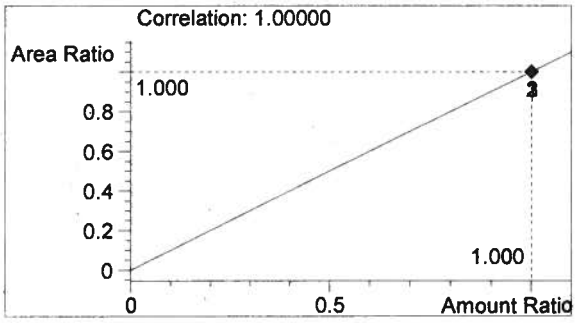
#	Compound	Peak Area	RT (min)
1	Ethanol	427	1.041
2	n-Propanol	2464	1.705



Ethanol 0.040 g/100mL

14015

14016



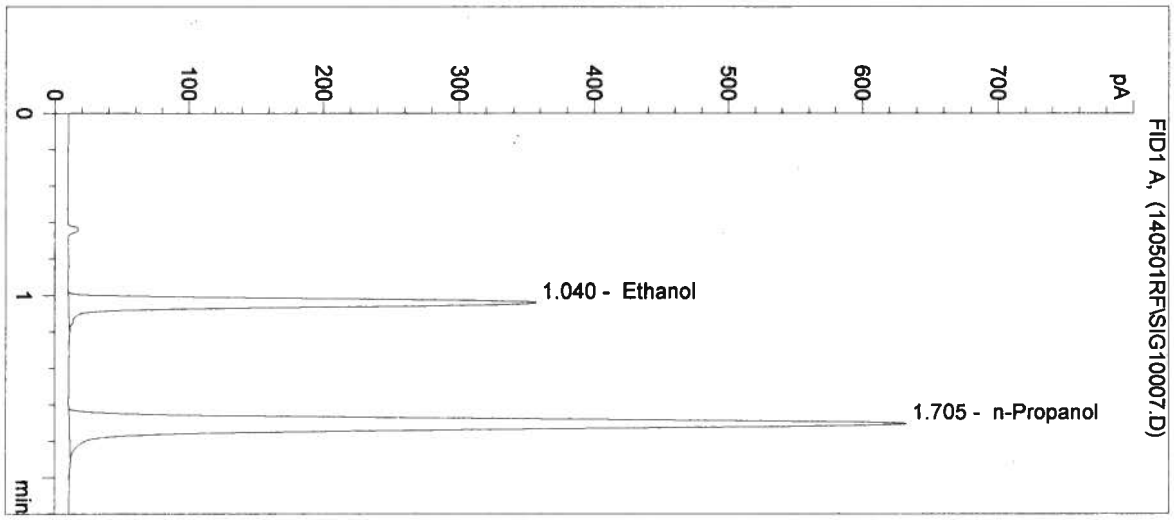
n-Propanol 0.012 g/100mL

RF

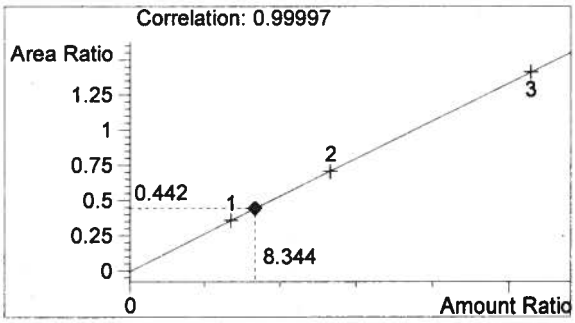
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:25:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

Sample Name: 0.10 CTRL RF
Operator: Rebecca Flaherty
Location: Vial 7



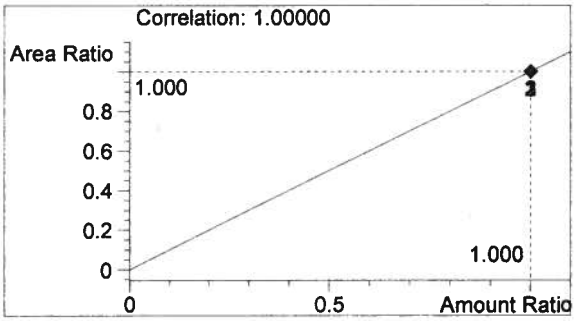
#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.040
2	n-Propanol	2459	1.705



Ethanol 0.100 g/100mL

14015

14016



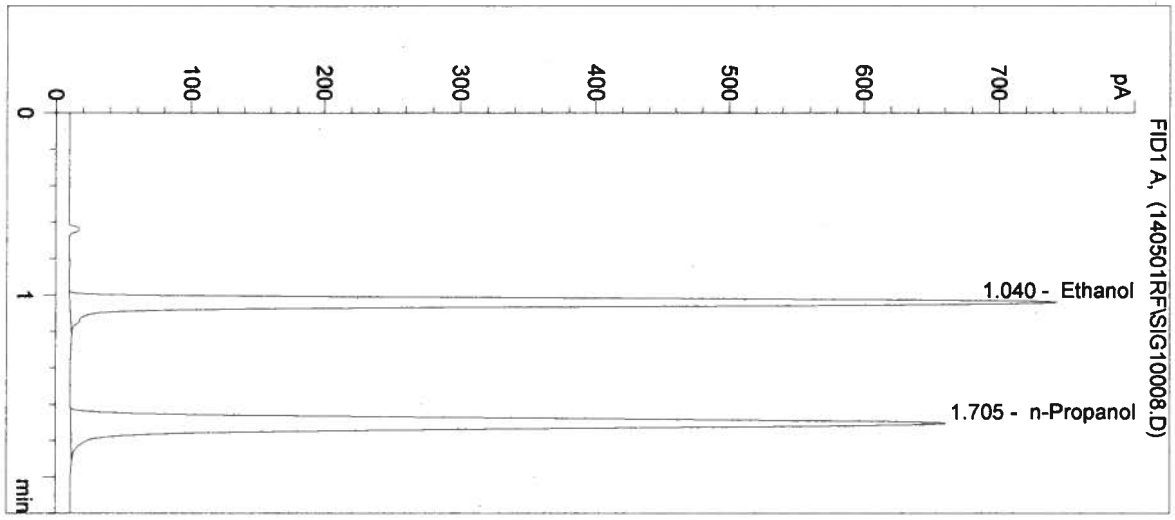
n-Propanol 0.012 g/100mL

RK

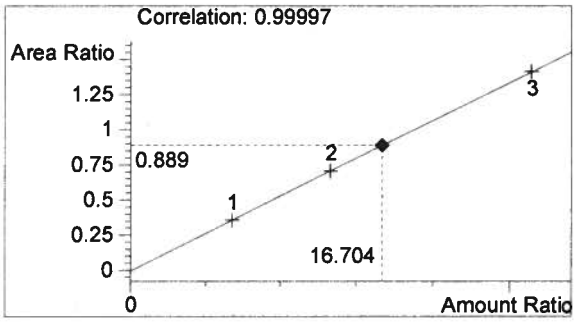
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:28:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

Sample Name: 0.20 CTRL RF
Operator: Rebecca Flaherty
Location: Vial 8



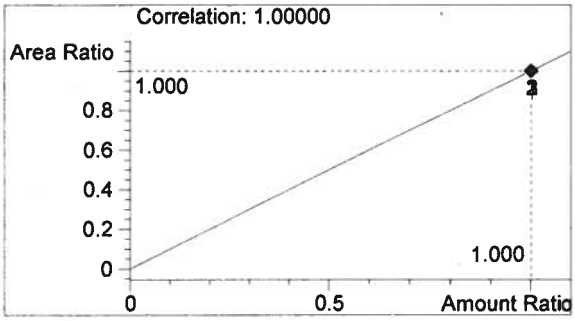
#	Compound	Peak Area	RT (min)
1	Ethanol	2276	1.040
2	n-Propanol	2561	1.705



Ethanol 0.200 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

RF

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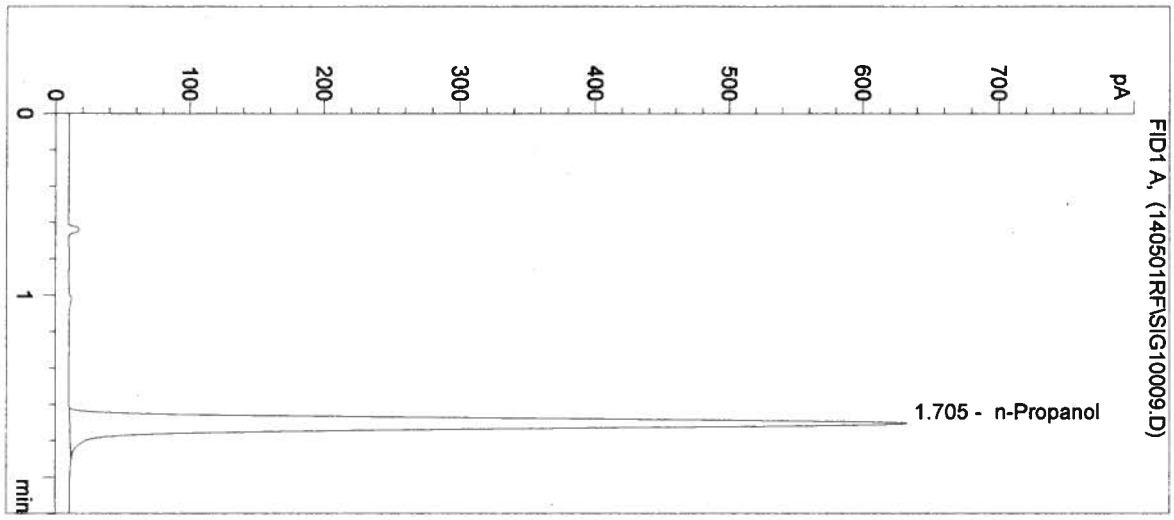
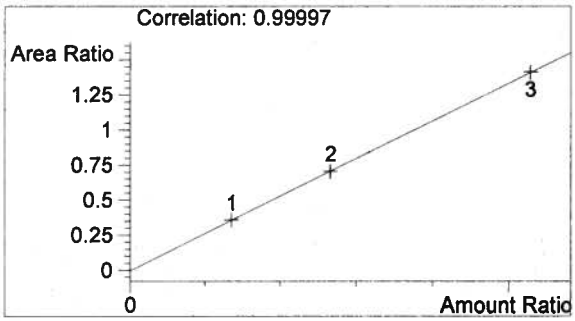
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:31:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL RF
Operator: Rebecca Flaherty
Location: Vial 9



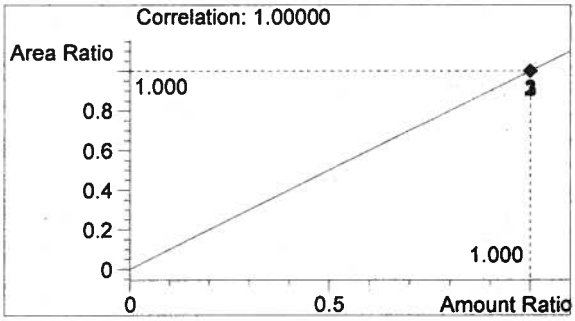
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2453	1.705



Ethanol 0.000 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

RF

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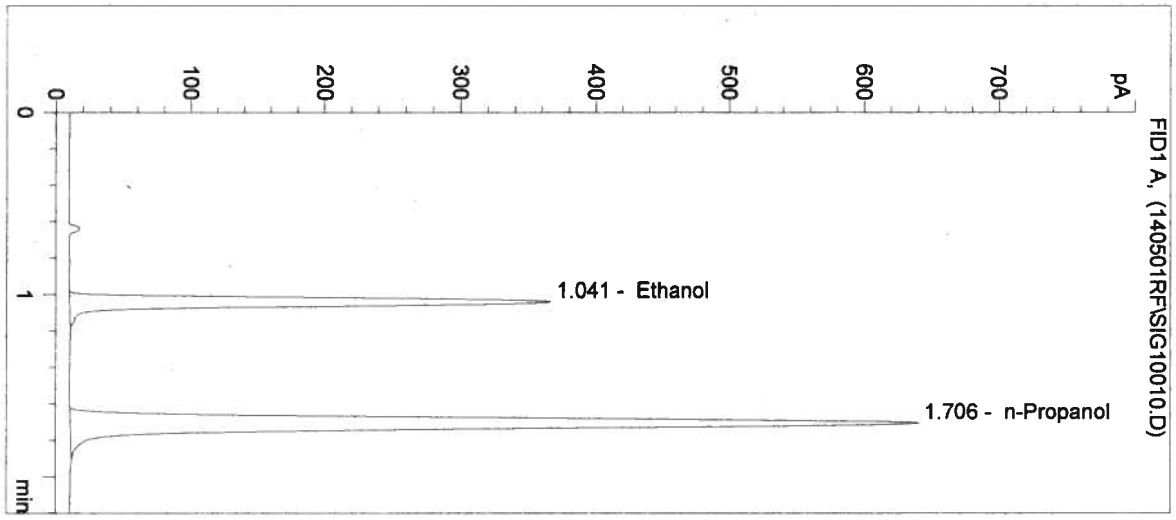
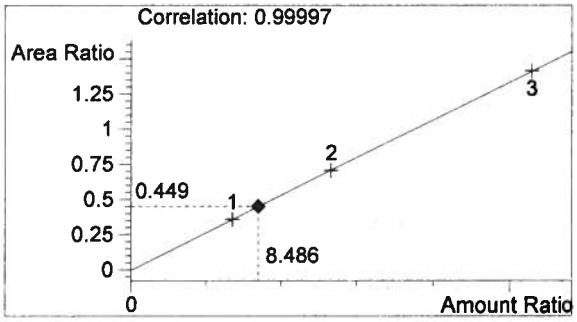
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:34:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

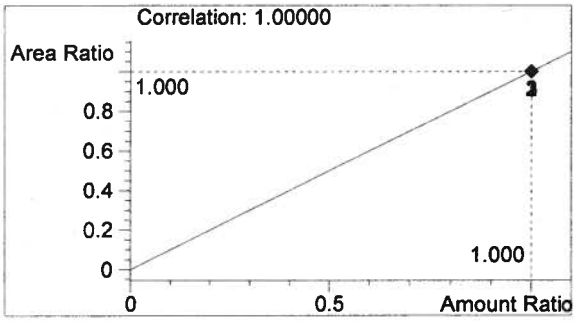
Sample Name: 14015-1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.041
2	n-Propanol	2495	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

RF

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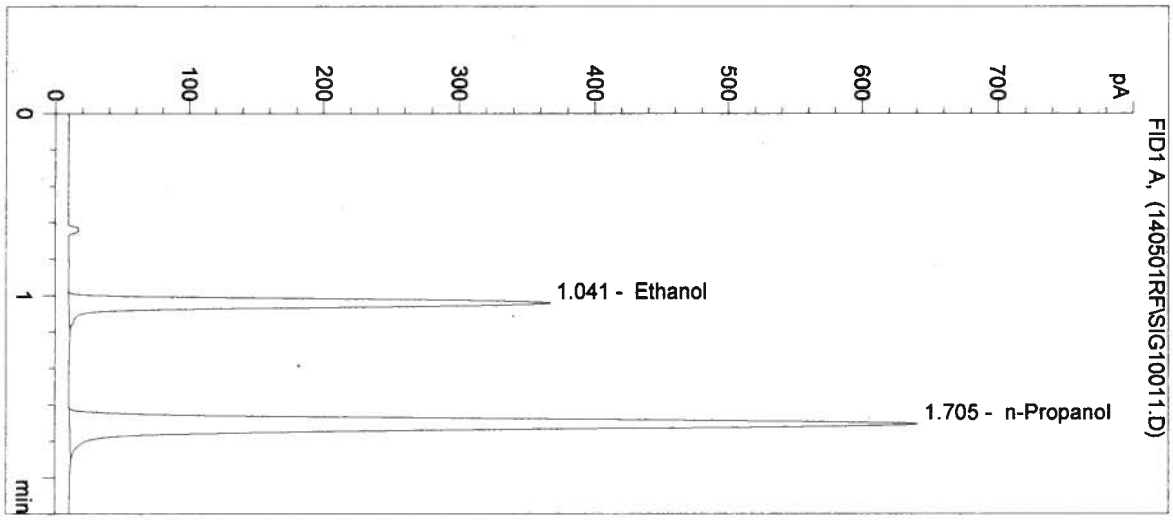
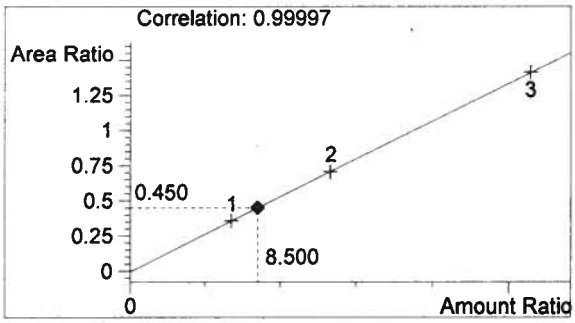
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:37:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

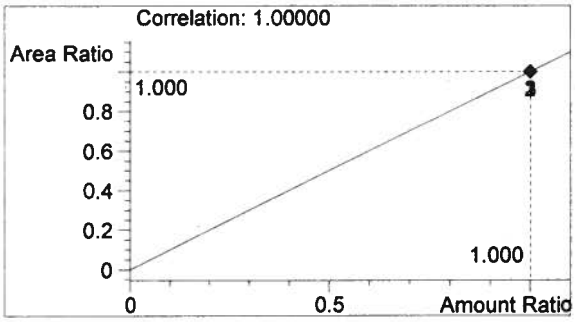
Sample Name: 14015-2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2507	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

RF

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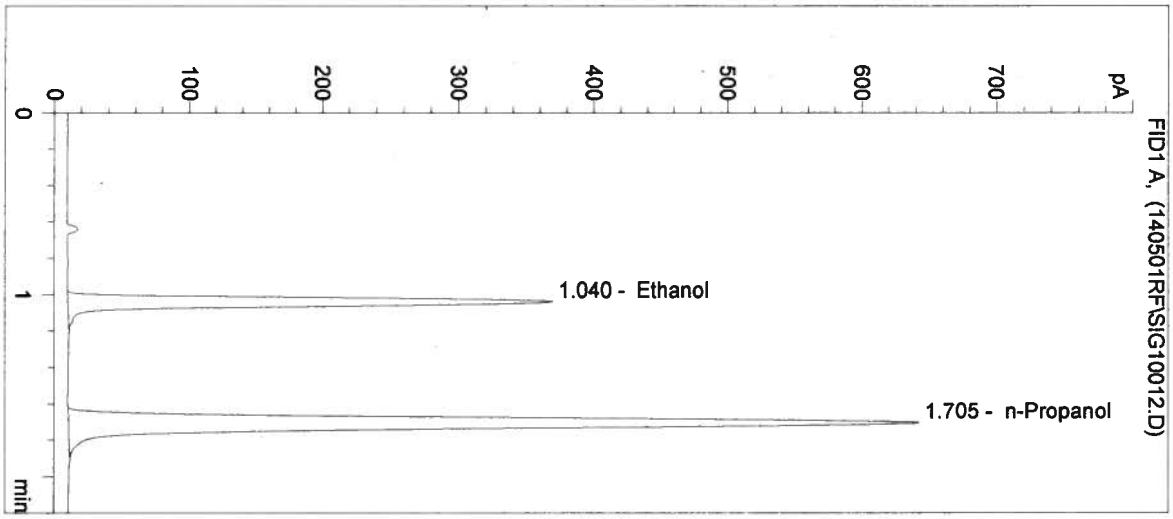
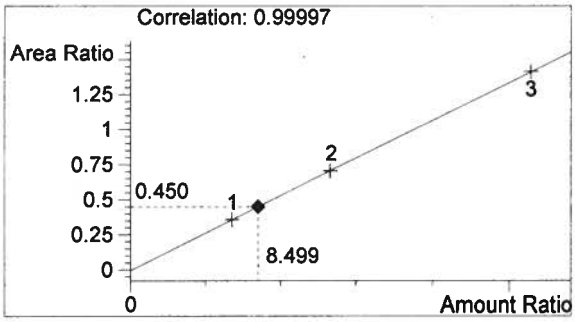
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:40:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

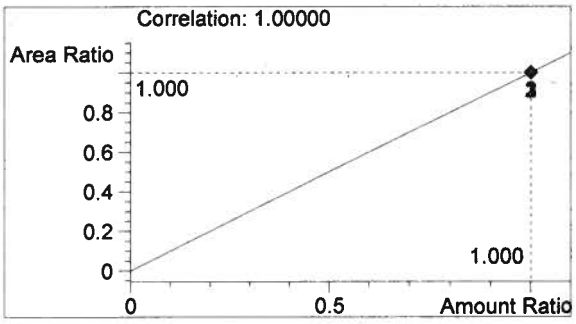
Sample Name: 14015-3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.040
2	n-Propanol	2505	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

RF

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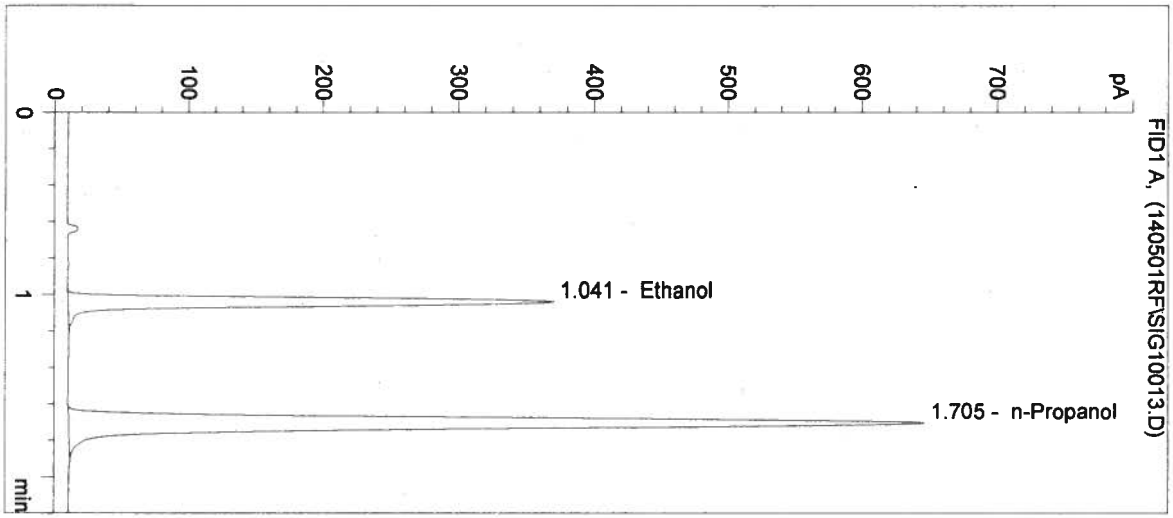
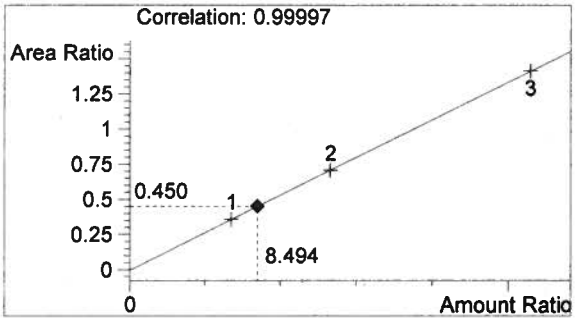
Inj. Date: 5/1/2014 12:43:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

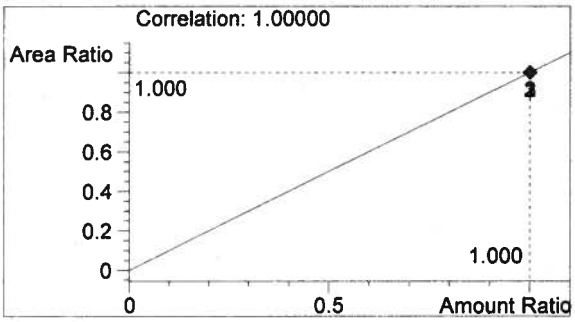
Sample Name: 14015-4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.041
2	n-Propanol	2528	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

RF

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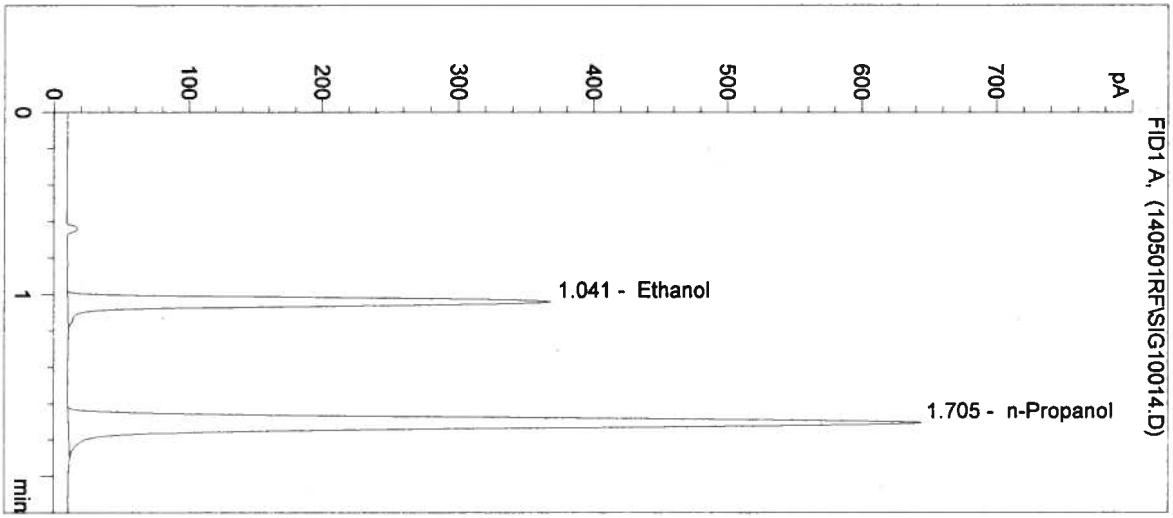
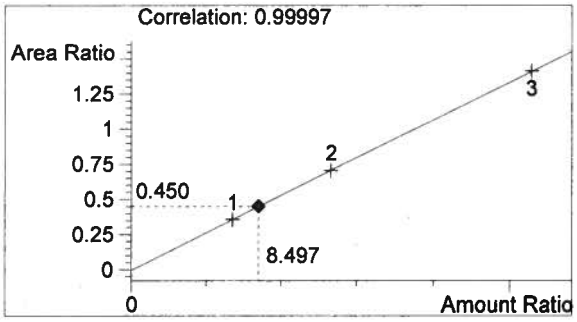
Inj. Date: 5/1/2014 12:47:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

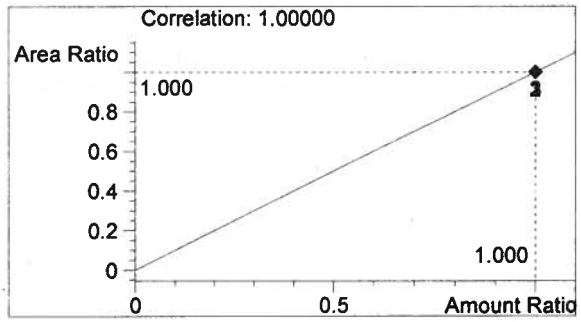
Sample Name: 14015-5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.041
2	n-Propanol	2509	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

RF

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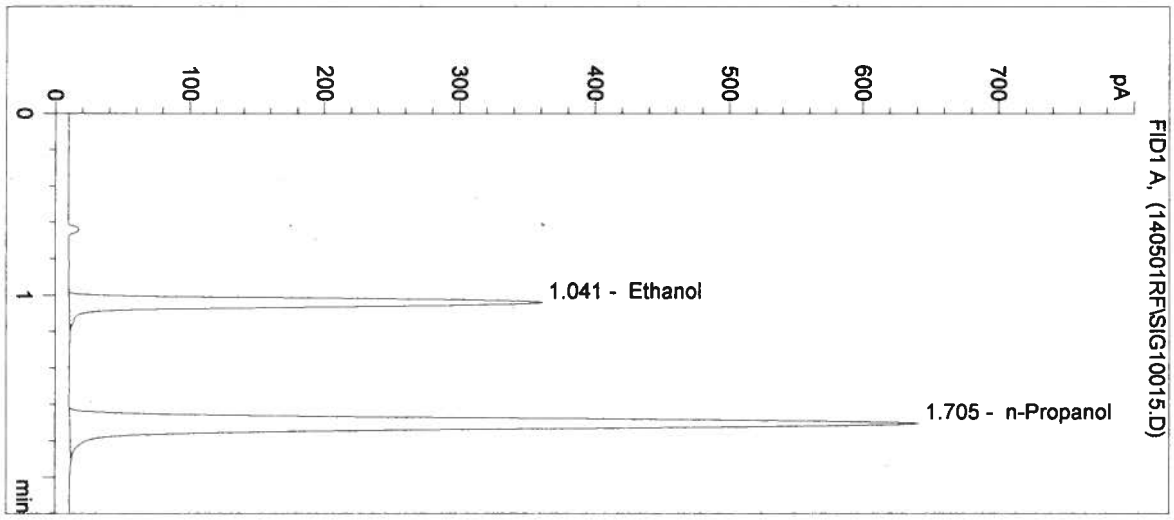
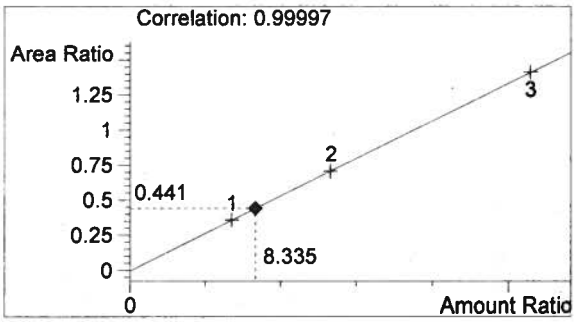
Inj. Date: 5/1/2014 12:50:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

Sample Name: 0.10 CTRL RF
Operator: Rebecca Flaherty
Location: Vial 15

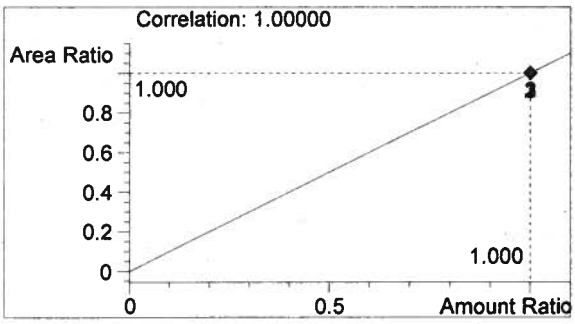


#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2510	1.705



Ethanol 0.100 g/100mL

14015



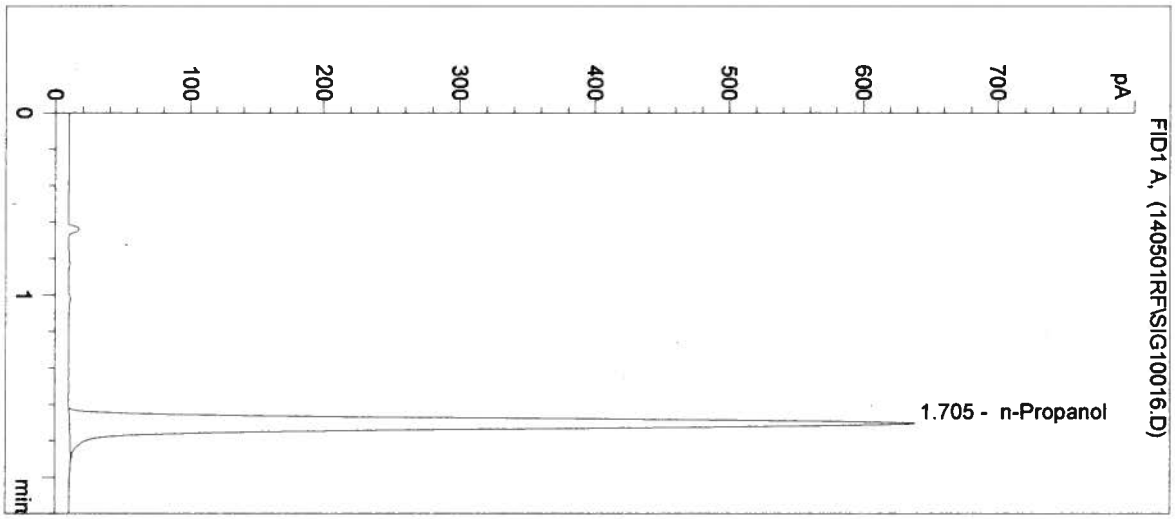
n-Propanol 0.012 g/100mL

RF

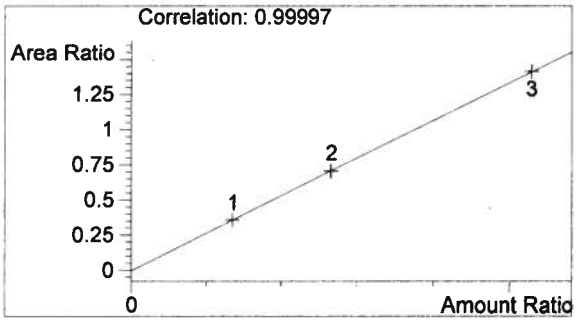
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/1/2014 12:53:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CTRL RF
Operator: Rebecca Flaherty
Location: Vial 16

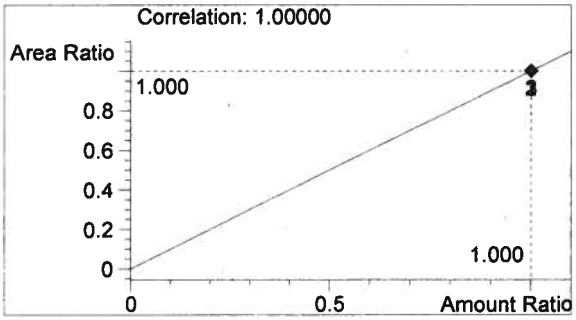


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2466	1.705



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

RF

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

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140502A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0414-01 exp 10/15/2014
cal 2 e0414-02 exp 10/15/2014
cal 3 e0414-03 exp 10/15/2014
0.04 control fn120110-04 exp 12/2015
0.10 control fn08051301 exp 10/2018
0.20 control fn100511-01 exp 10/2016
istd p0314 exp 06/24/2014

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	14015 #1	SIMALC1	1	Sample		
11	Vial 11	14015 #2	SIMALC1	1	Sample		
12	Vial 12	14015 #3	SIMALC1	1	Sample		
13	Vial 13	14015 #4	SIMALC1	1	Sample		
14	Vial 14	14015 #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		

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!

14015

Batch 140502 Al

Al

Calibration Table

Calib. Data Modified : Friday, May 02, 2014 8:49:09 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

14015

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.12400e-2	880.64801	9.22503e-5	1		Ethanol
		2	1.59860e-1	1673.38953	9.55307e-5			
		3	3.17330e-1	3798.42090	8.35426e-5			
1.704	1	1	1.20000e-2	2443.02637	4.91194e-6		I1	n-Propanol
		2	1.20000e-2	2398.60181	5.00291e-6			
		3	1.20000e-2	2656.17383	4.51778e-6			

Peak Sum Table

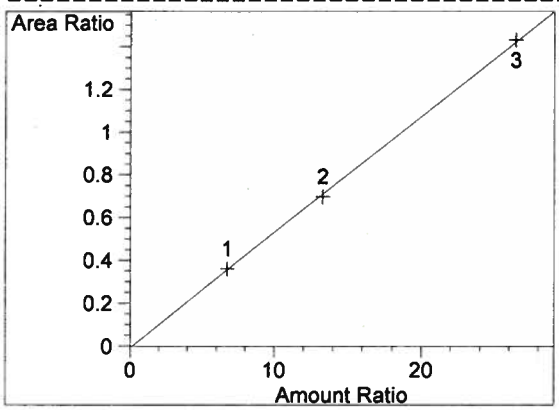
No Entries in table

Batch 140502AL

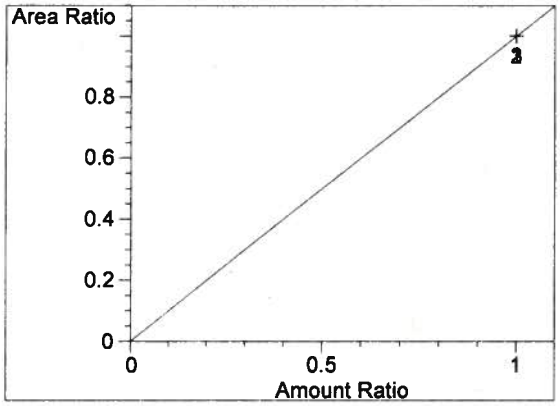
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99984
Residual Std. Dev.: 0.01318
Formula: y = mx + b
m: 5.40486e-2
b: -6.75926e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
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

==========

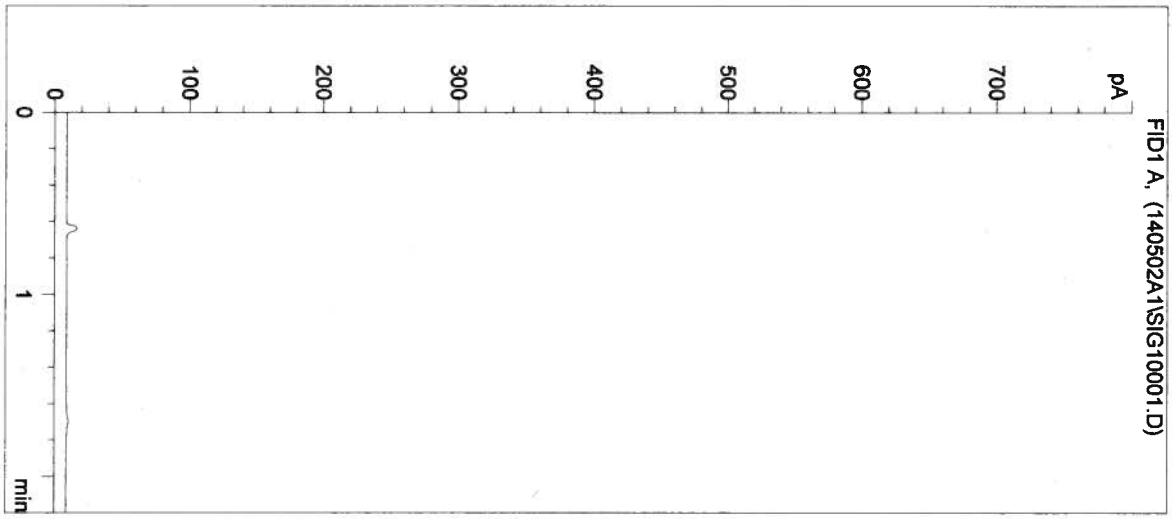
14015

BATCH 140502A1

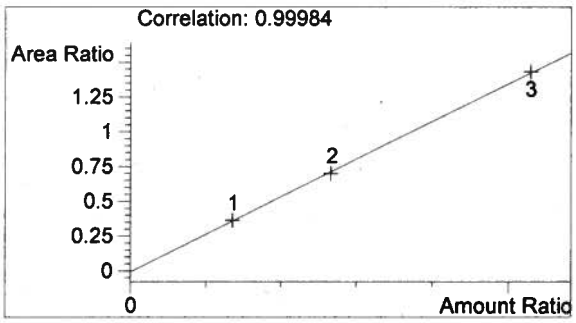
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:37:41 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

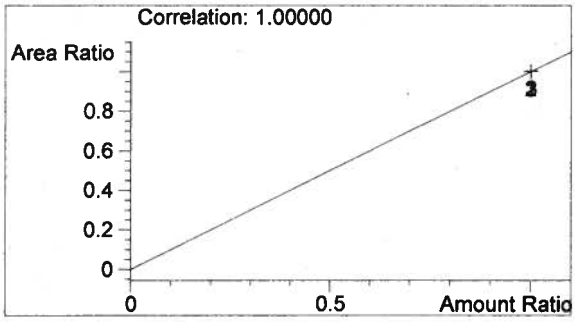


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

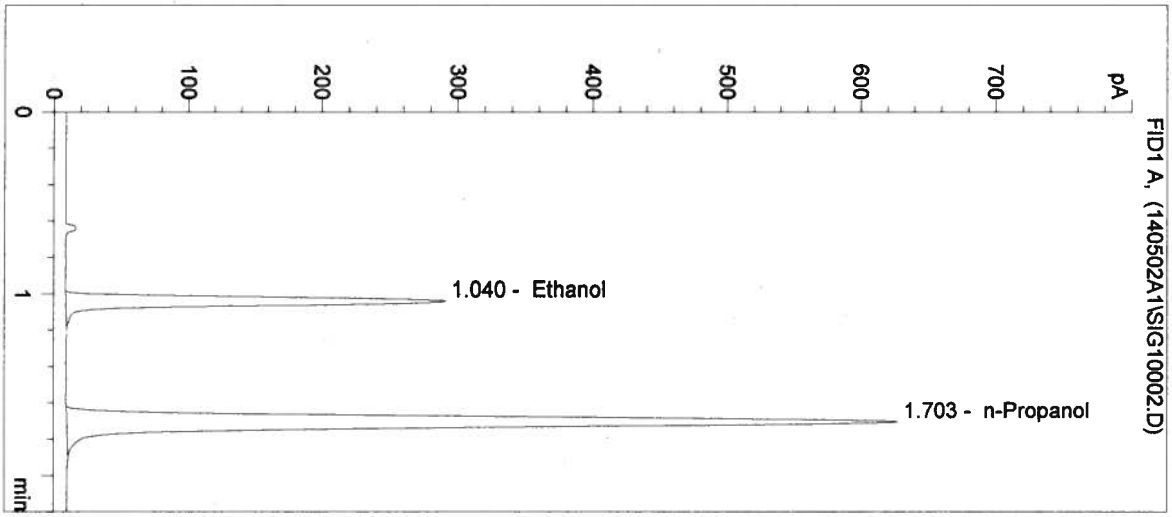


n-Propanol 0.000 g/100mL

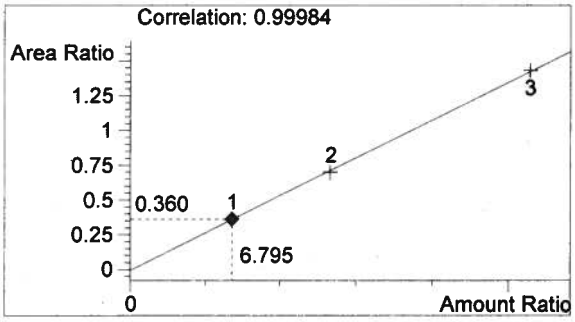
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:40:46 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

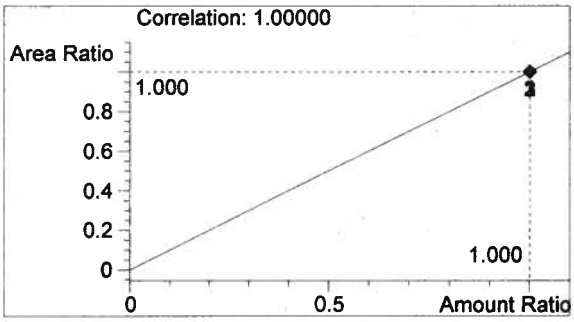


#	Compound	Peak Area	RT (min)
1	Ethanol	881	1.040
2	n-Propanol	2443	1.703



Ethanol 0.082 g/100mL

14015

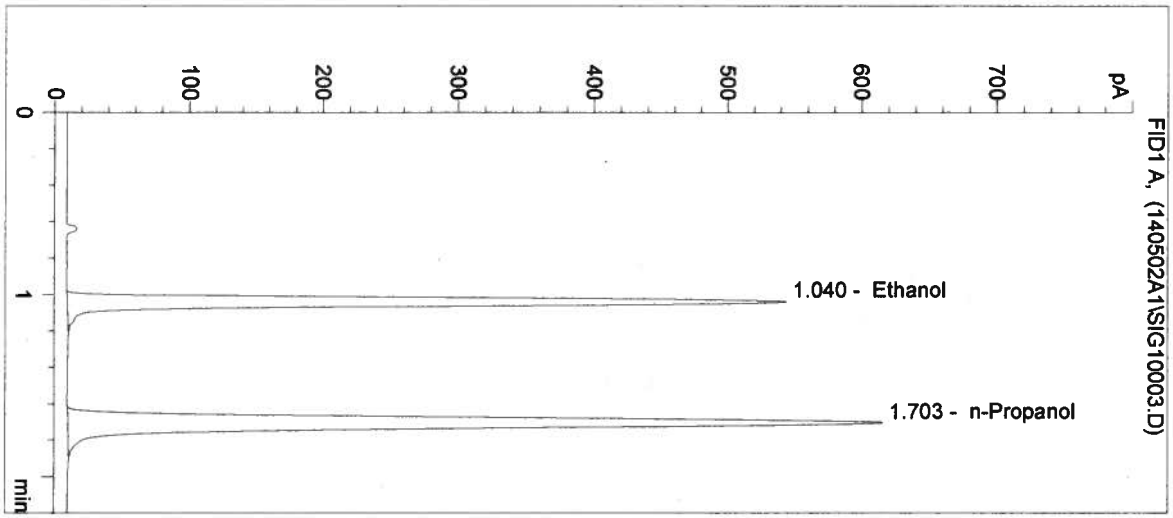


n-Propanol 0.012 g/100mL

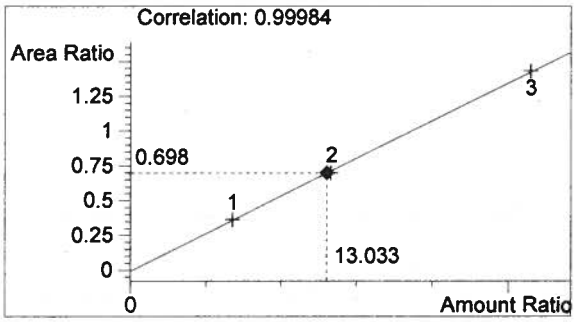
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:43:51 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

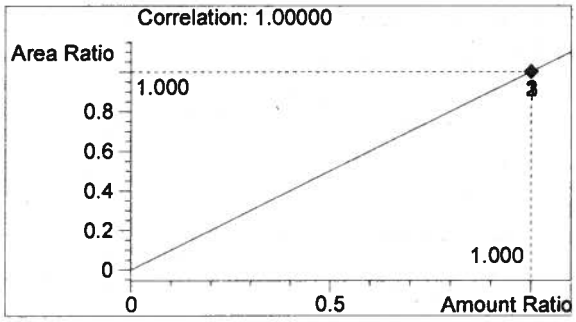


#	Compound	Peak Area	RT (min)
1	Ethanol	1673	1.040
2	n-Propanol	2399	1.703



Ethanol 0.156 g/100mL

14015

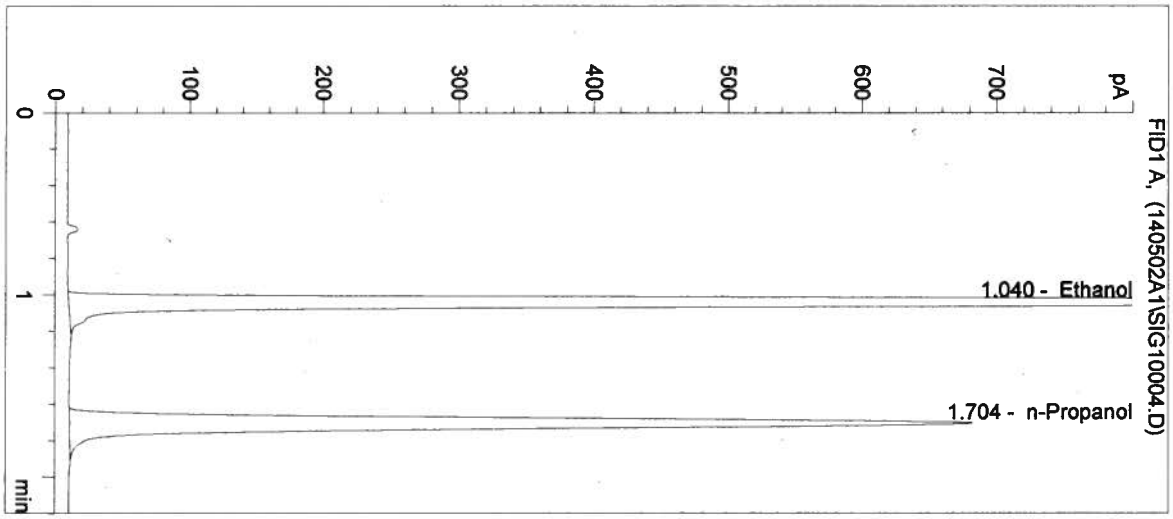


n-Propanol 0.012 g/100mL

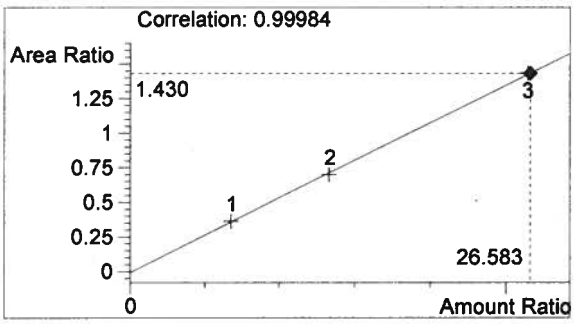
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:46:55 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

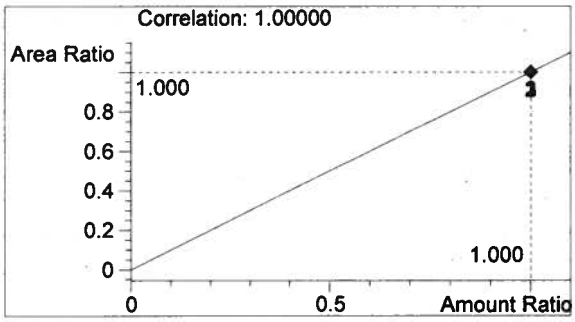


#	Compound	Peak Area	RT (min)
1	Ethanol	3798	1.040
2	n-Propanol	2656	1.704



Ethanol 0.319 g/100mL

14015

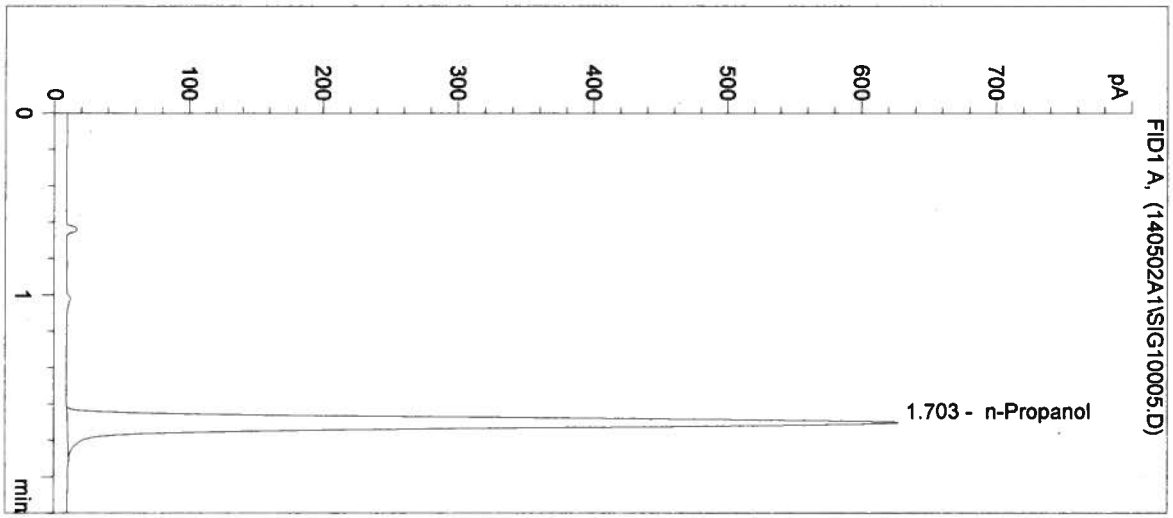


n-Propanol 0.012 g/100mL

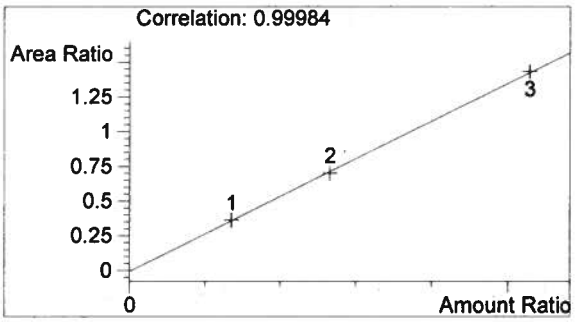
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:50:00 AM
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

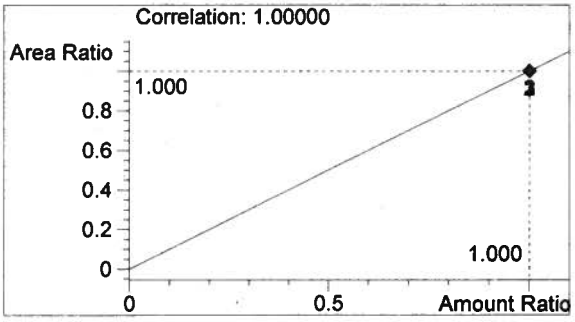


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2442	1.703



Ethanol 0.000 g/100mL

14015

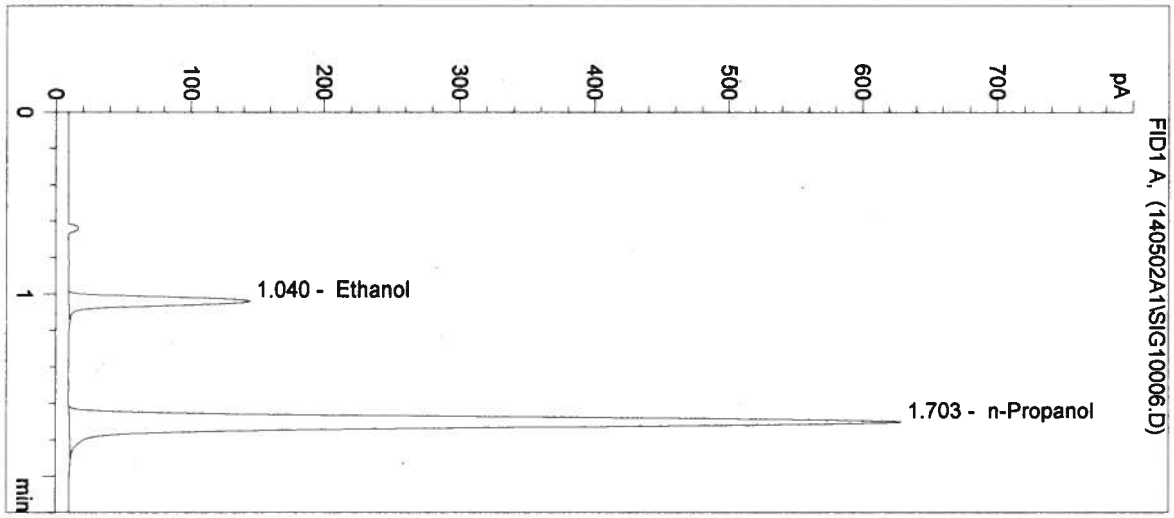


n-Propanol 0.012 g/100mL

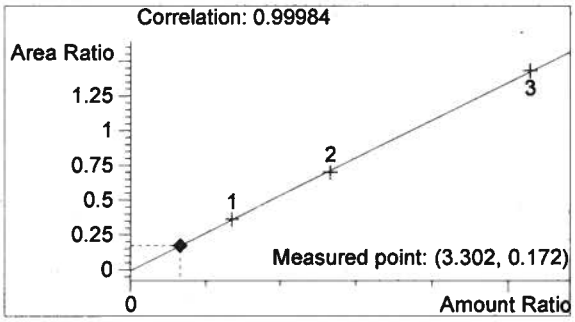
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:53:05 AM
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

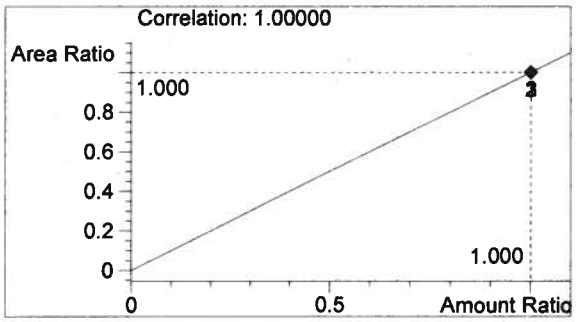


#	Compound	Peak Area	RT (min)
1	Ethanol	420	1.040
2	n-Propanol	2447	1.703



Ethanol 0.040 g/100mL

14015

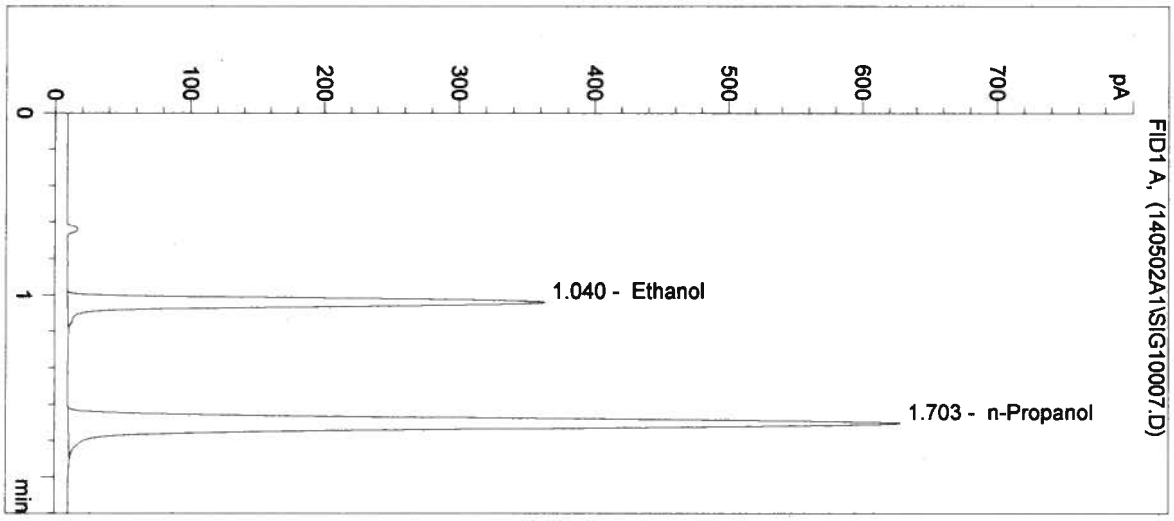


n-Propanol 0.012 g/100mL

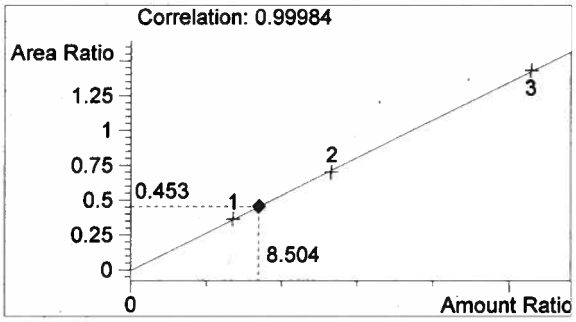
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:56:10 AM
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

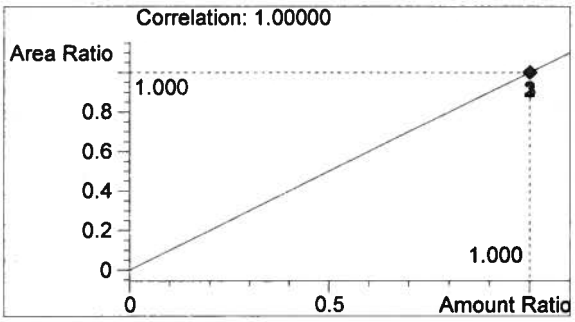


#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.040
2	n-Propanol	2449	1.703



Ethanol 0.102 g/100mL

14015



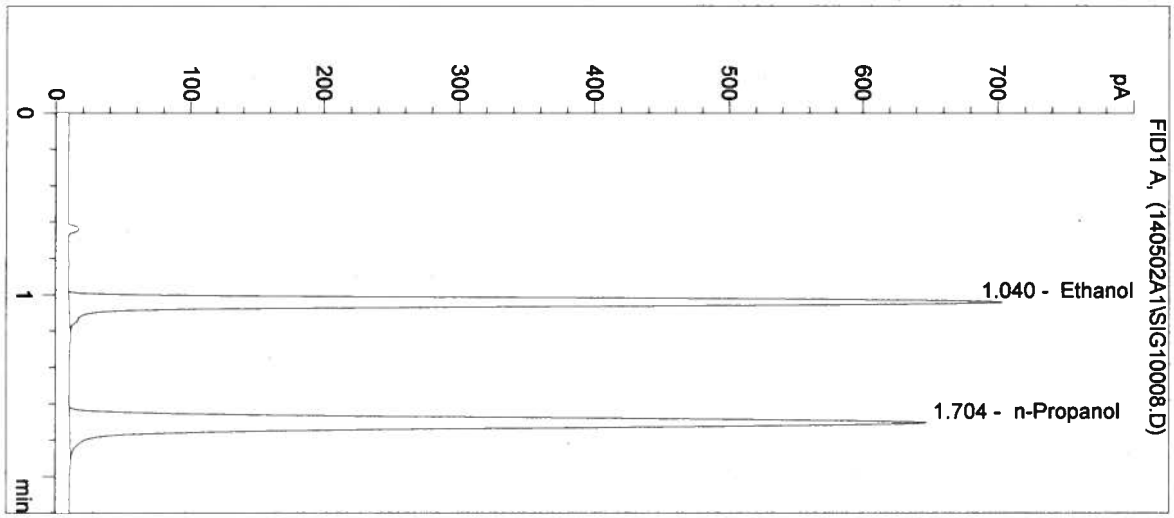
n-Propanol 0.012 g/100mL

AL

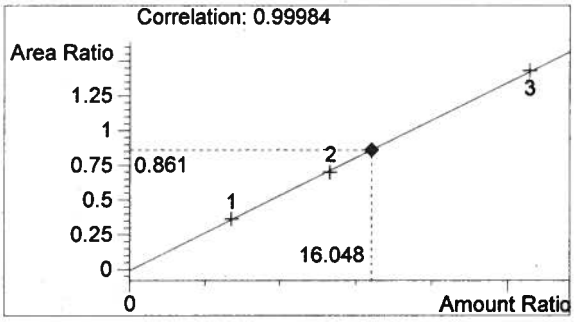
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 8:59:15 AM
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

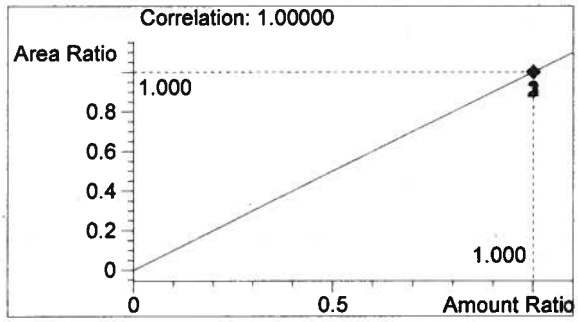


#	Compound	Peak Area	RT (min)
1	Ethanol	2168	1.040
2	n-Propanol	2519	1.704



Ethanol 0.193 g/100mL

14015

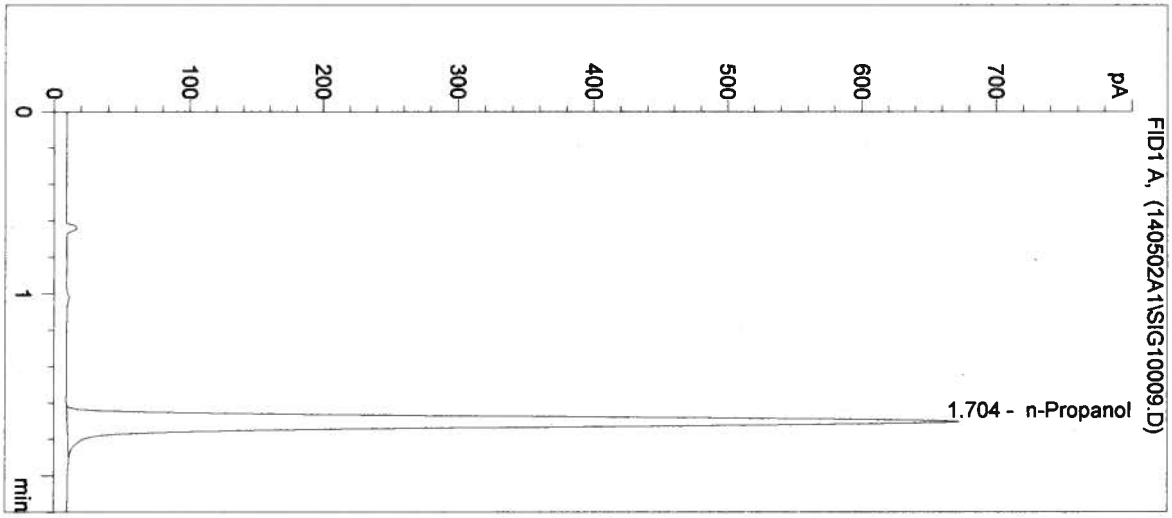


n-Propanol 0.012 g/100mL

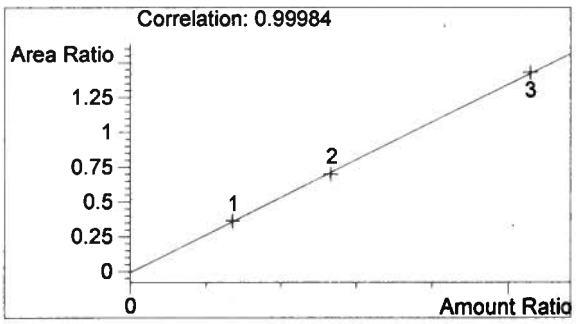
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:02:19 AM
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

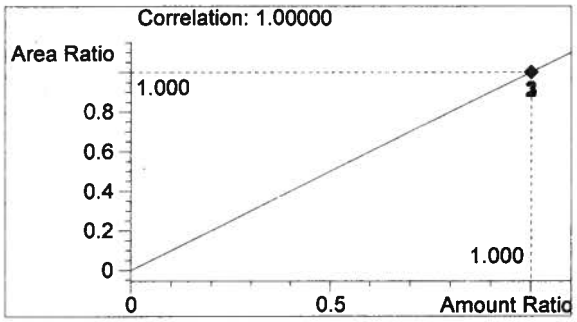


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2616	1.704



Ethanol 0.000 g/100mL

14015

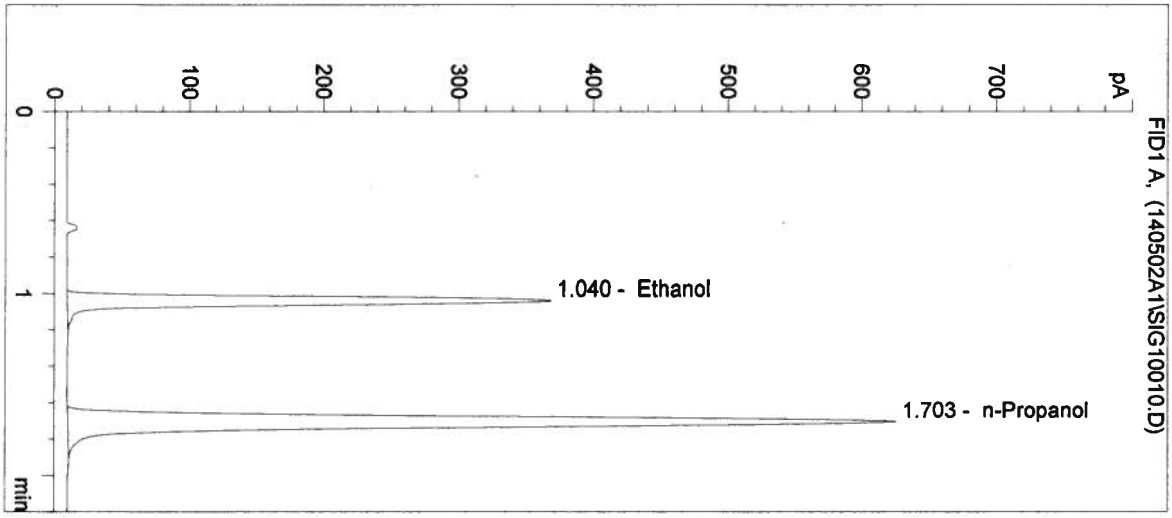


n-Propanol 0.012 g/100mL

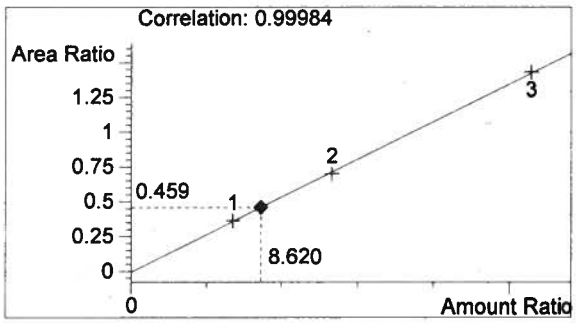
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:05:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

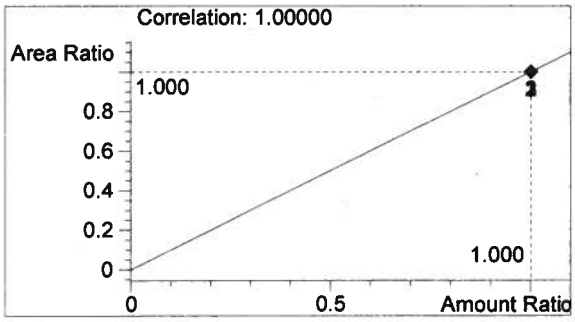
Sample Name: 14015 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.040
2	n-Propanol	2436	1.703



Ethanol 0.103 g/100mL

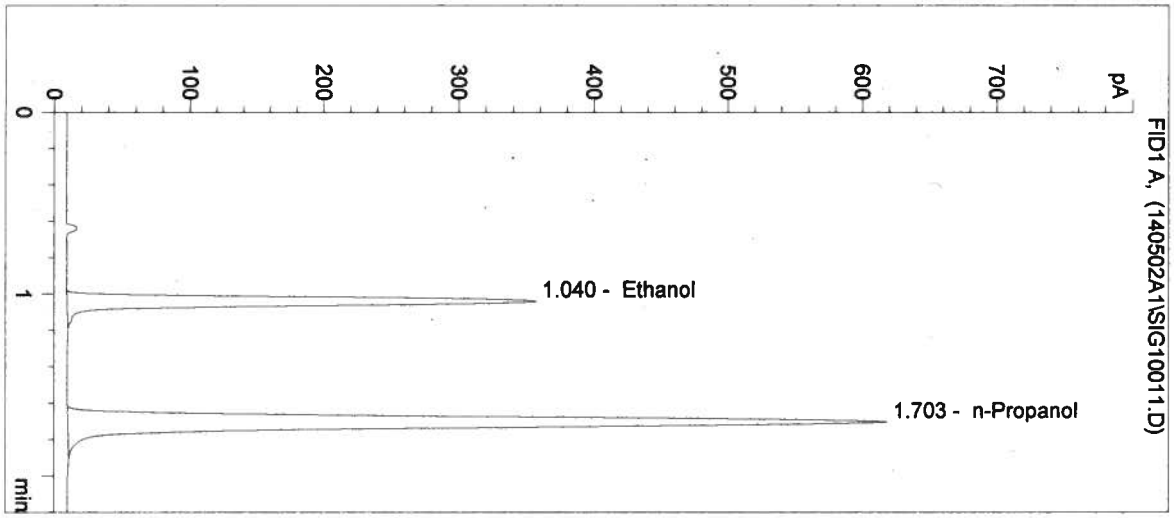


n-Propanol 0.012 g/100mL

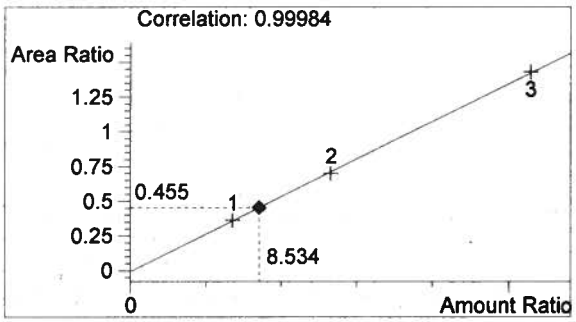
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:08:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

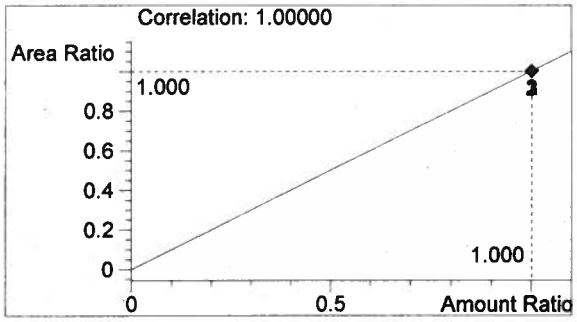
Sample Name: 14015 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.040
2	n-Propanol	2413	1.703



Ethanol 0.102 g/100mL

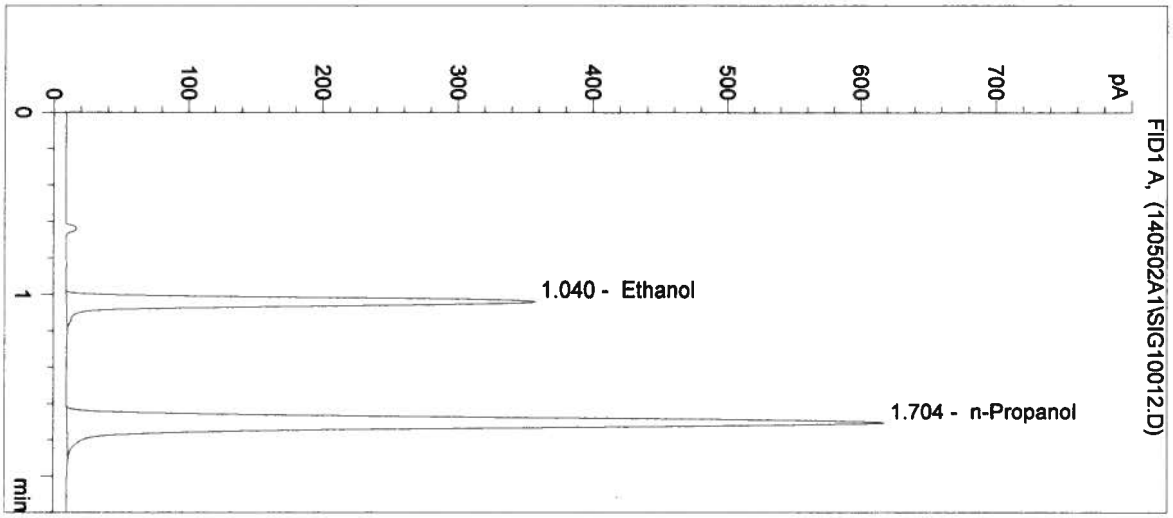


n-Propanol 0.012 g/100mL

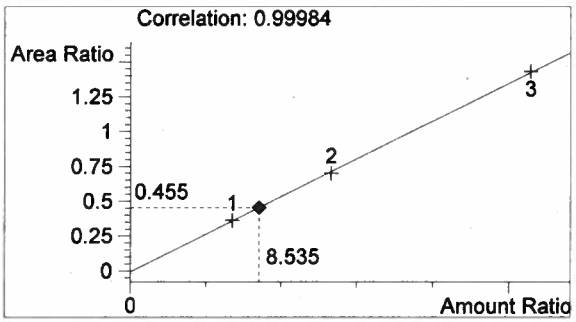
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:11:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

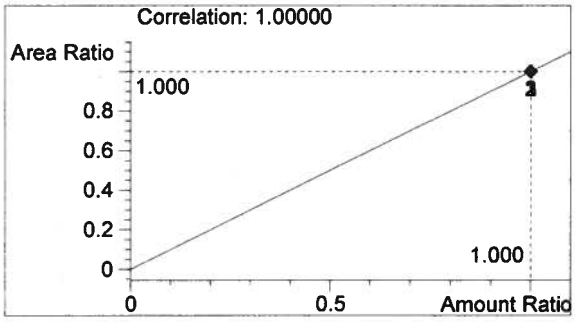
Sample Name: 14015 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.040
2	n-Propanol	2413	1.704



Ethanol 0.102 g/100mL

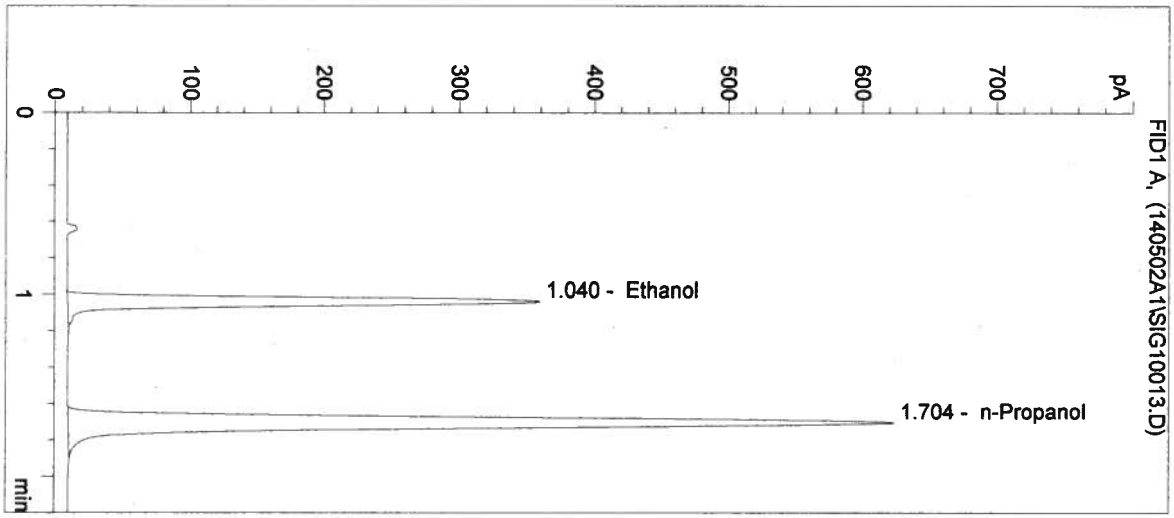


n-Propanol 0.012 g/100mL

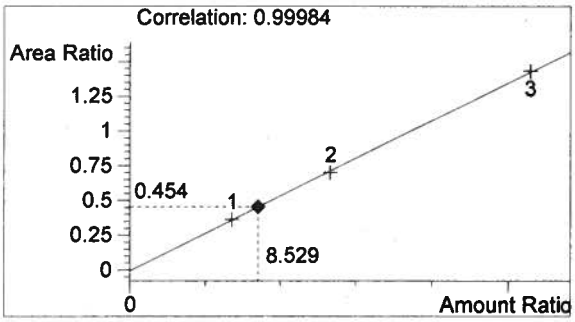
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:14:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

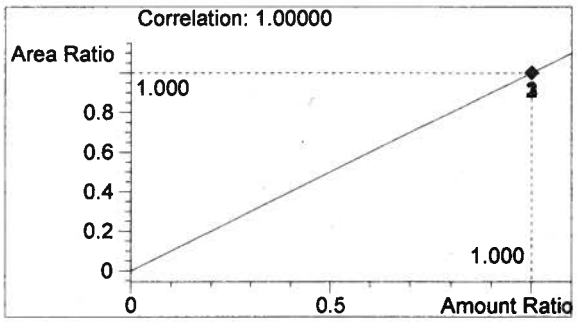
Sample Name: 14015 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.040
2	n-Propanol	2444	1.704



Ethanol 0.102 g/100mL

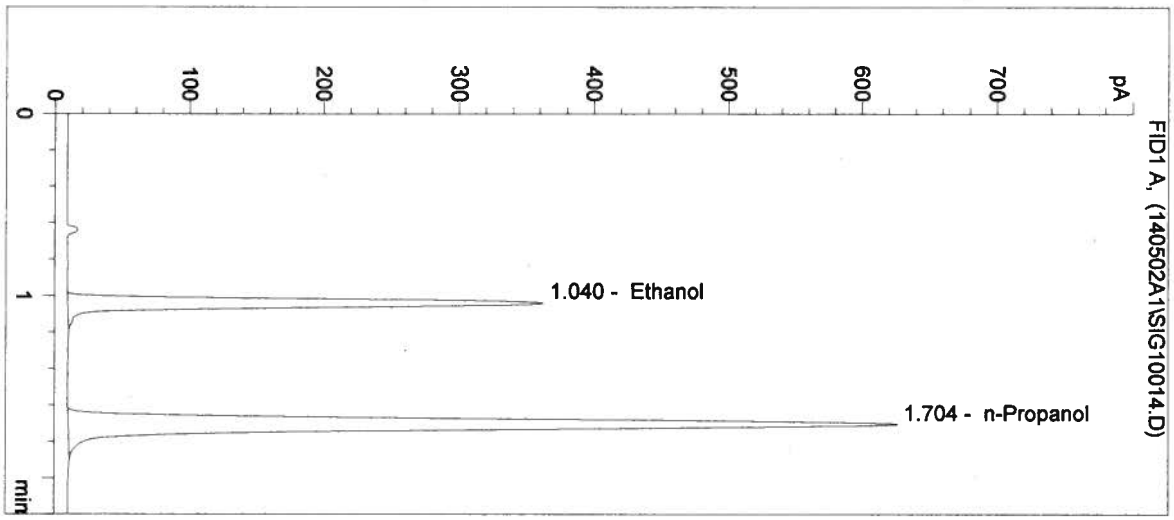


n-Propanol 0.012 g/100mL

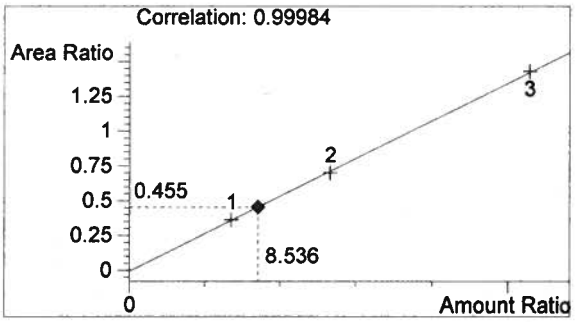
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:17:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

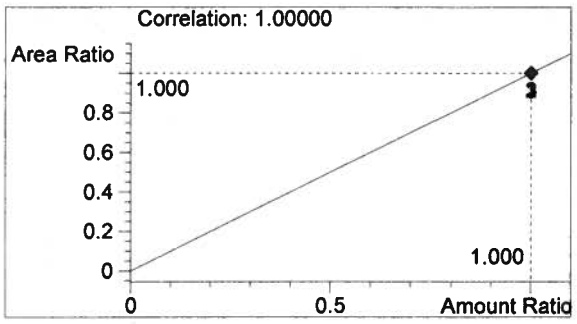
Sample Name: 14015 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.040
2	n-Propanol	2446	1.704



Ethanol 0.102 g/100mL

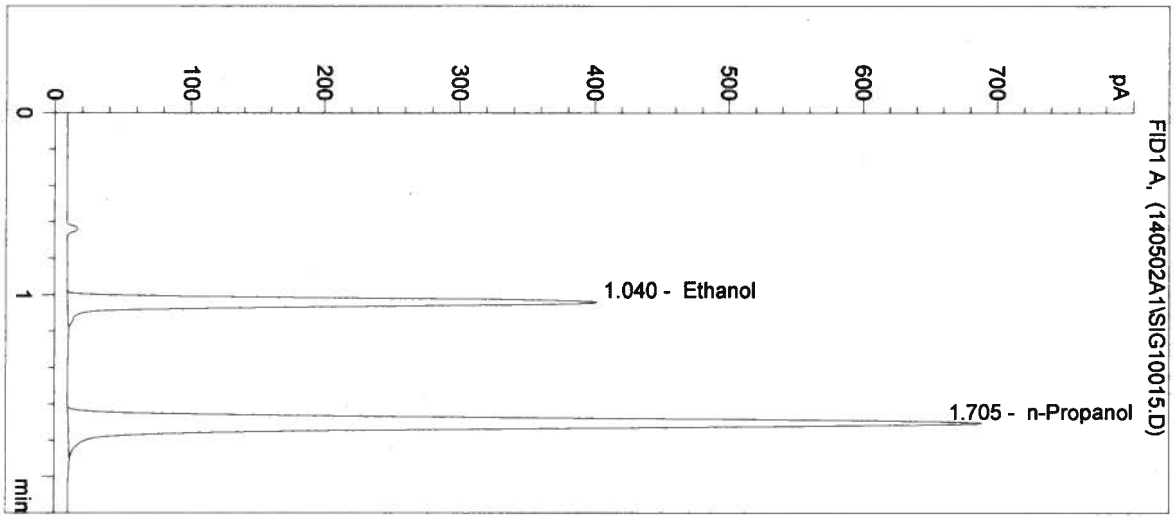


n-Propanol 0.012 g/100mL

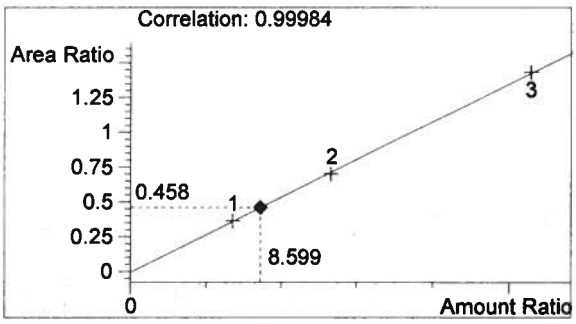
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:20:48 AM
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

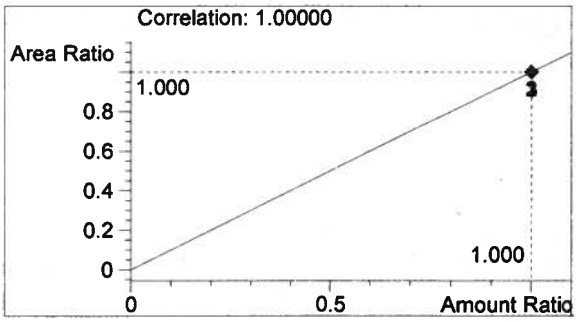


#	Compound	Peak Area	RT (min)
1	Ethanol	1227	1.040
2	n-Propanol	2679	1.705



Ethanol 0.103 g/100mL

14015

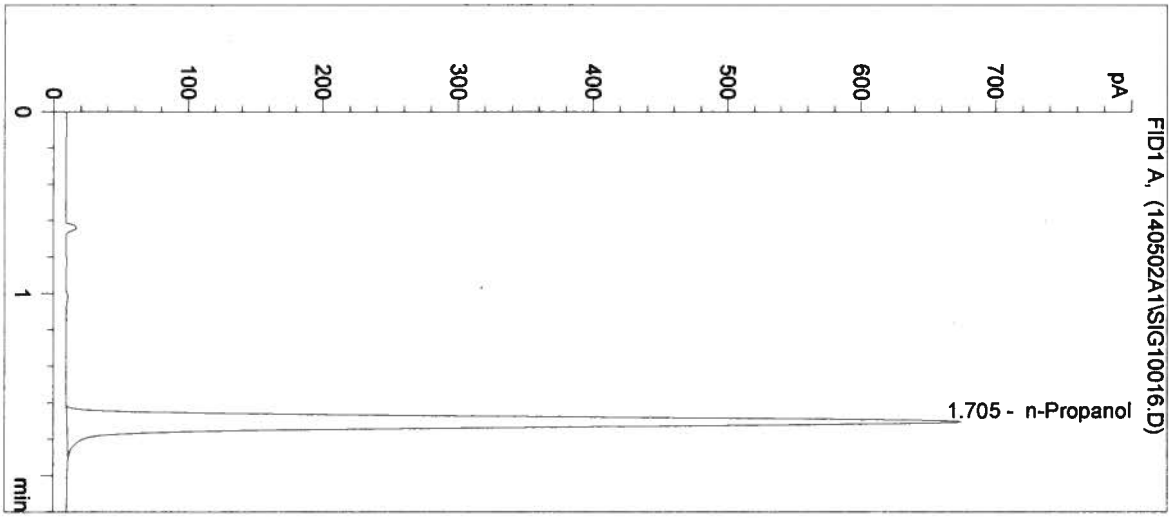


n-Propanol 0.012 g/100mL

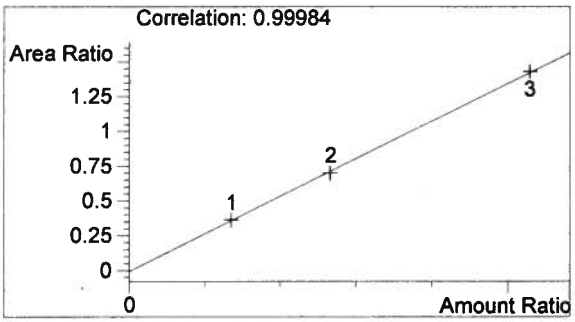
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/2/2014 9:23:53 AM
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

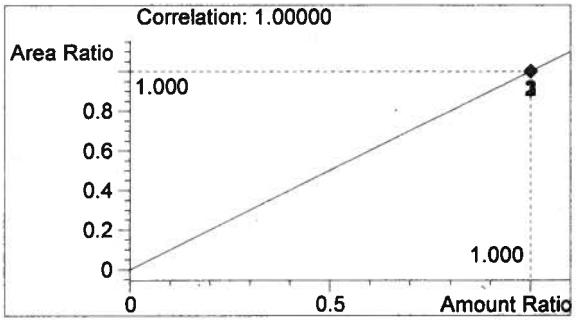


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2630	1.705



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140507CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0414-01 - Exp. 10/15/2014
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/2014
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/2014

CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016

Internal Standard Lot#P0314 - Exp. 06/24/14

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 - 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 14015 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 14015 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 14015 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 14015 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 14015 #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		
17	Vial 17	ESS 14016 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 14016 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 14016 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 14016 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 14016 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - CJ	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CJ	SIMALC1	1	Ctrl Samp		

14015

14016

d

Calibration Part:

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

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	

Sequence Table (Back Injector):

No entries - empty table!

14015

14016

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

Calibration Table

Calib. Data Modified : Wednesday, May 07, 2014 5:16:47 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
1.039	1	1	8.12400e-2	867.54724	9.36433e-5	1	Ethanol
		2	1.59860e-1	1685.20081	9.48611e-5		
		3	3.17330e-1	3347.71509	9.47900e-5		
1.702	1	1	1.20000e-2	2388.96191	5.02310e-6	I1	n-Propanol
		2	1.20000e-2	2396.62720	5.00704e-6		
		3	1.20000e-2	2408.01514	4.98336e-6		

14015

14016

Peak Sum Table

No Entries in table

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Calibration Curves

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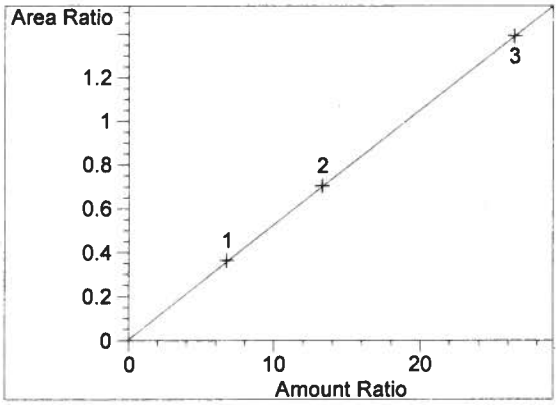
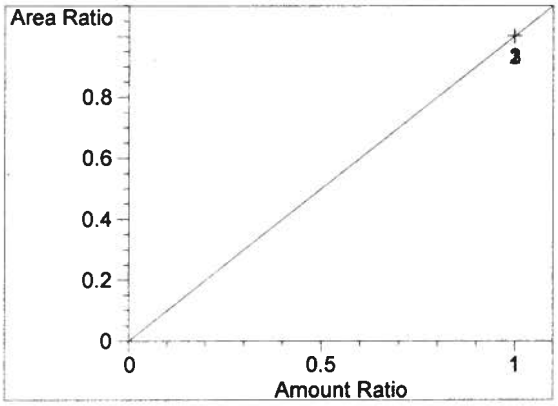


Ethanol at exp. RT: 1.039
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00403
Formula: y = mx + b
m: 5.24927e-2
b: 3.43736e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.702
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

==========

14015

14016

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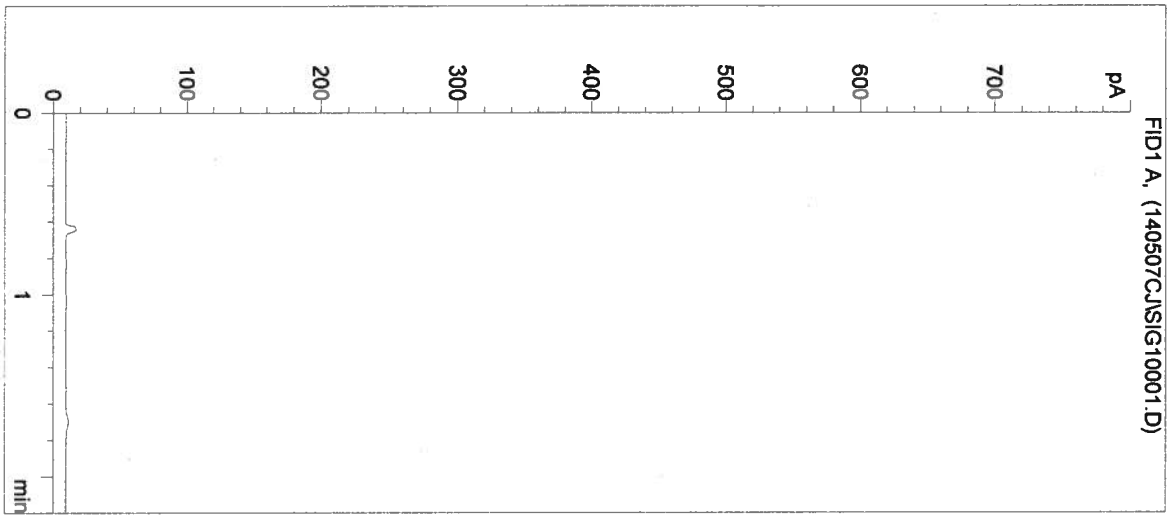
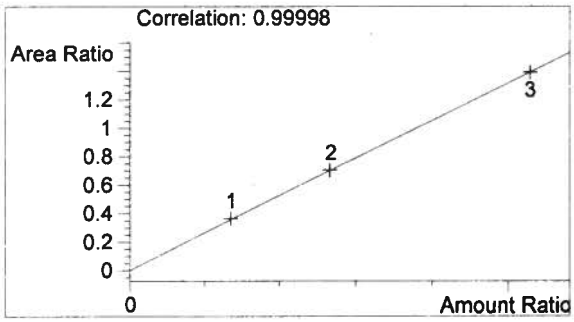
Inj. Date: 5/7/2014 5:05:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



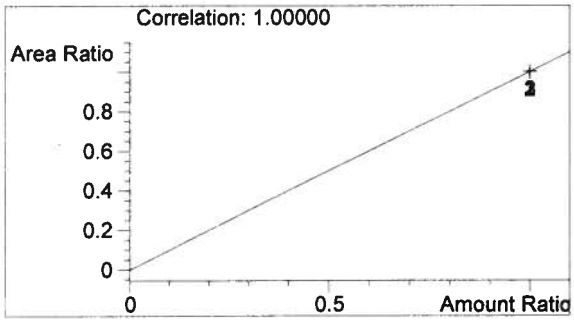
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

14016



n-Propanol 0.000 g/100mL

cl

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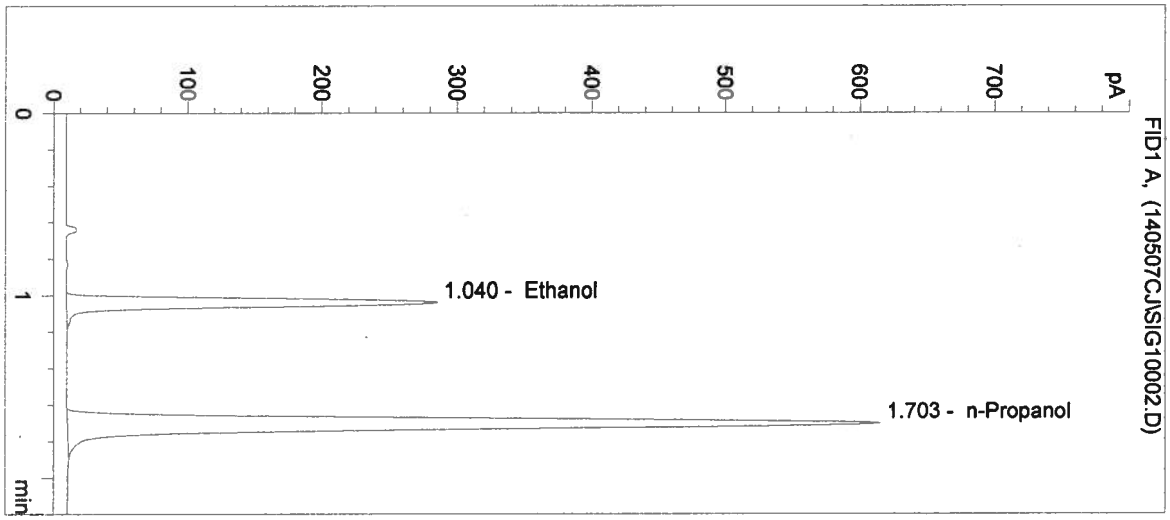
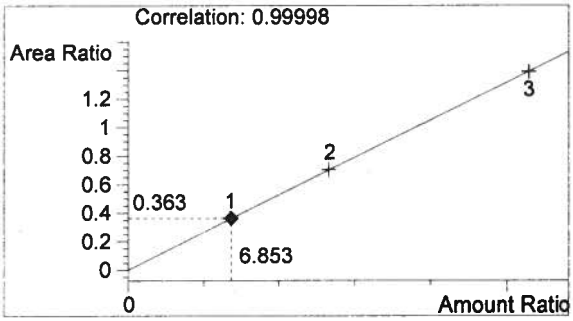
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:08:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



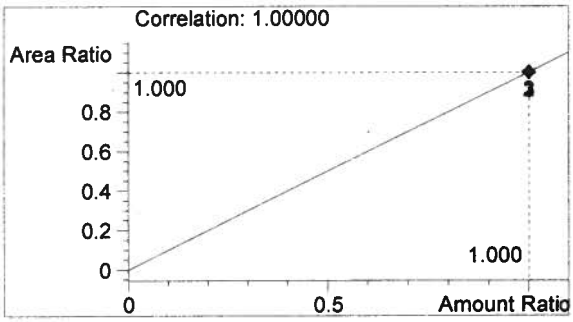
#	Compound	Peak Area	RT (min)
1	Ethanol	868	1.040
2	n-Propanol	2389	1.703



Ethanol 0.082 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

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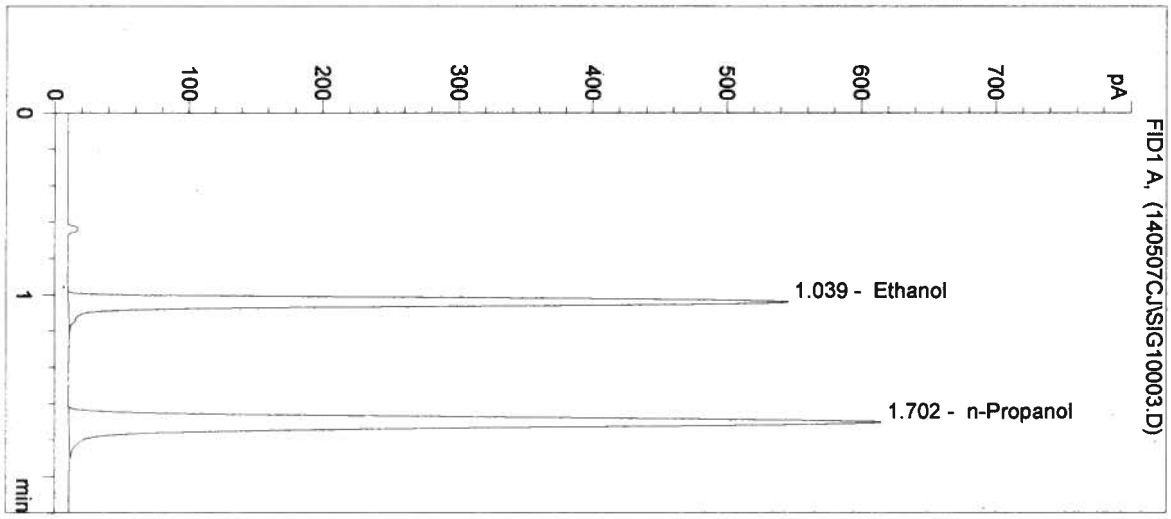
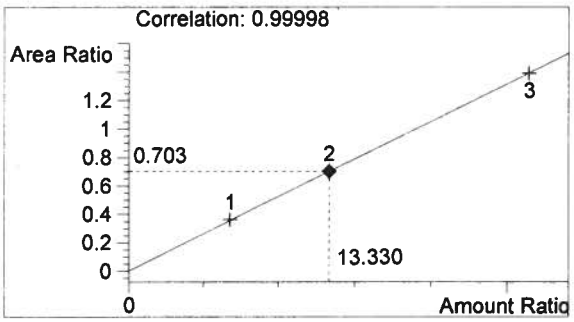
Inj. Date: 5/7/2014 5:11:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



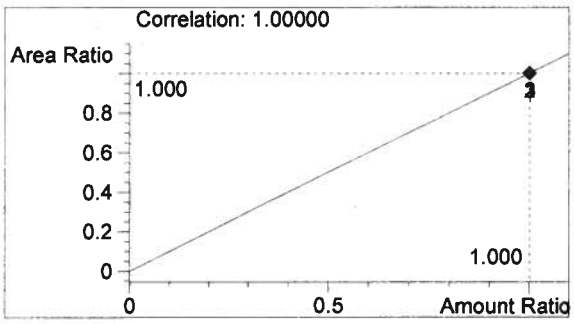
#	Compound	Peak Area	RT (min)
1	Ethanol	1685	1.039
2	n-Propanol	2397	1.702



Ethanol 0.160 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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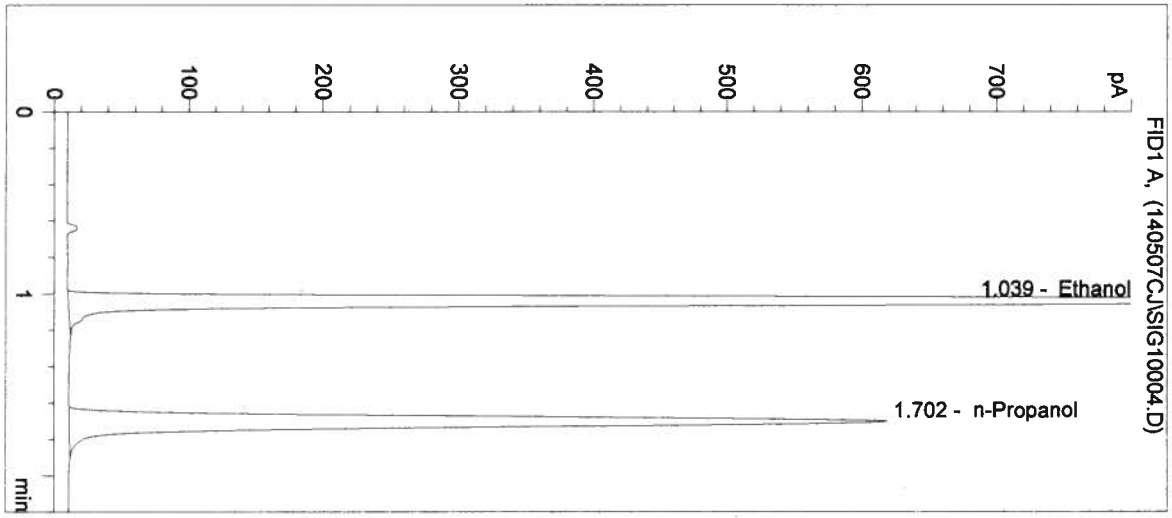
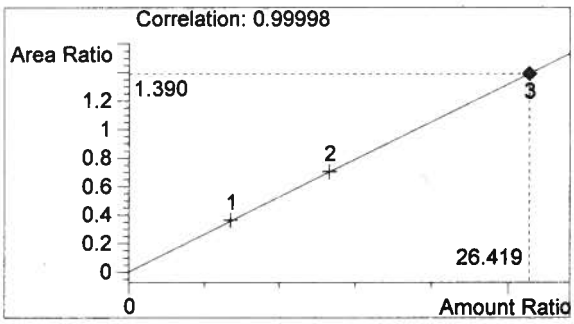
Inj. Date: 5/7/2014 5:14:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



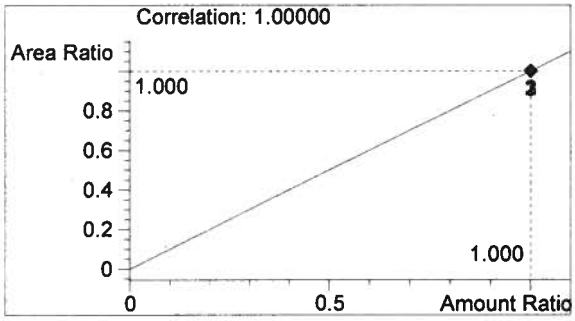
#	Compound	Peak Area	RT (min)
1	Ethanol	3348	1.039
2	n-Propanol	2408	1.702



Ethanol 0.317 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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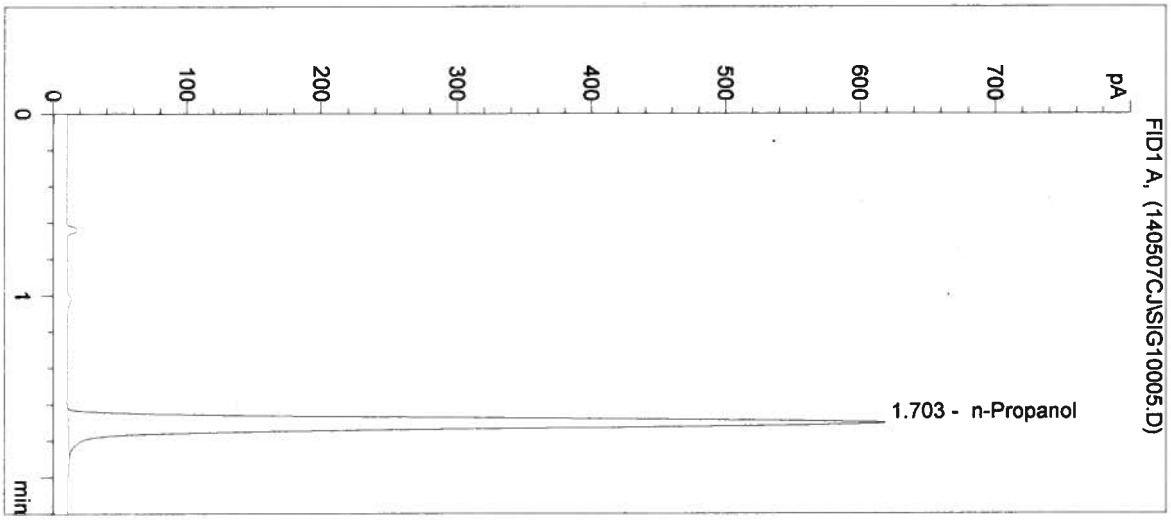
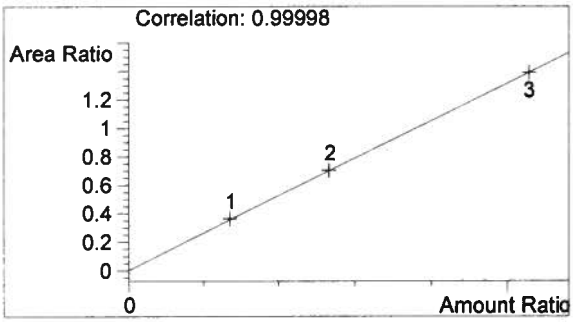
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:17:38 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 5



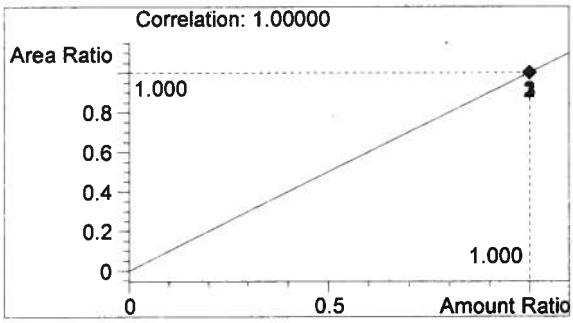
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2408	1.703



Ethanol 0.000 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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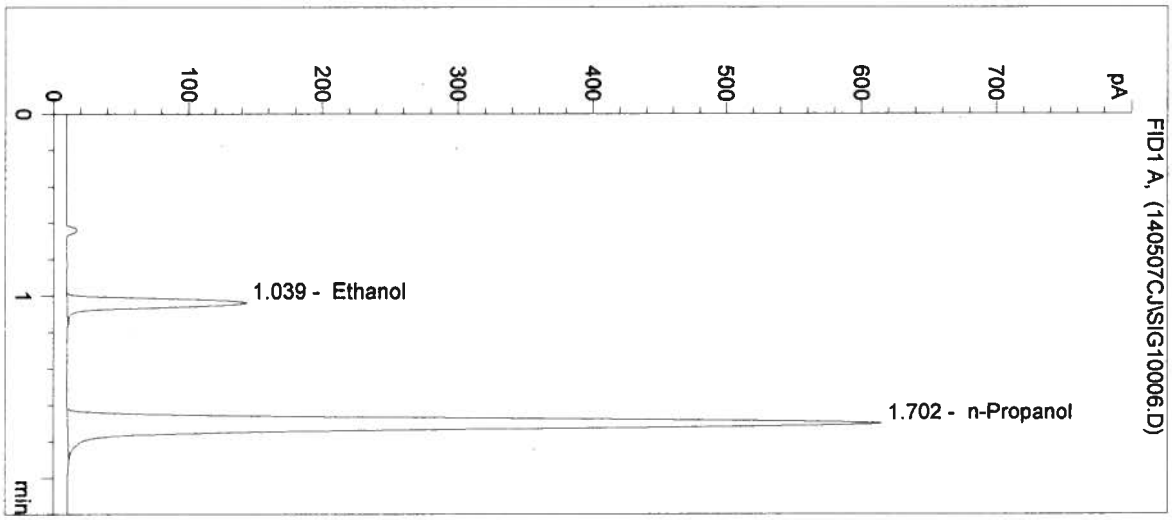
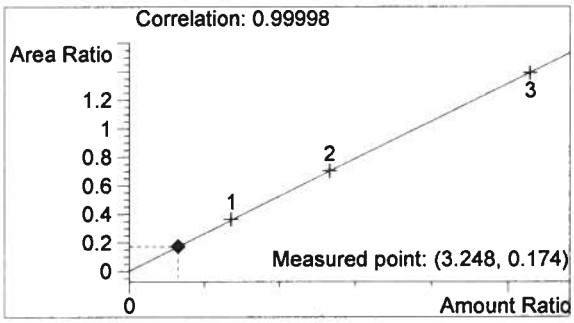
Inj. Date: 5/7/2014 5:20:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



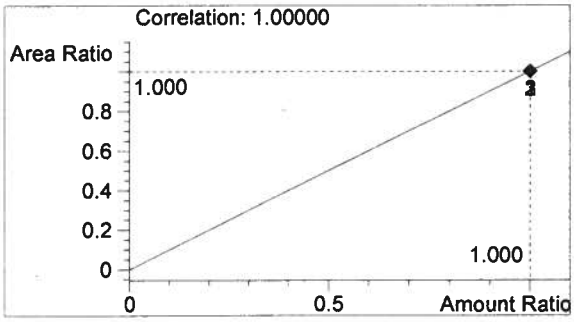
#	Compound	Peak Area	RT (min)
1	Ethanol	417	1.039
2	n-Propanol	2398	1.702



Ethanol 0.039 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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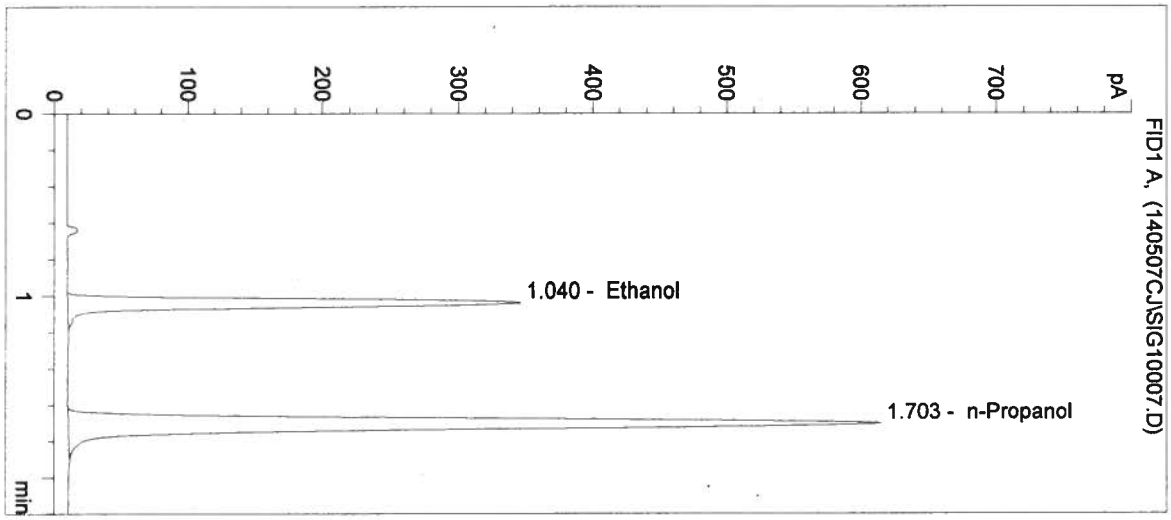
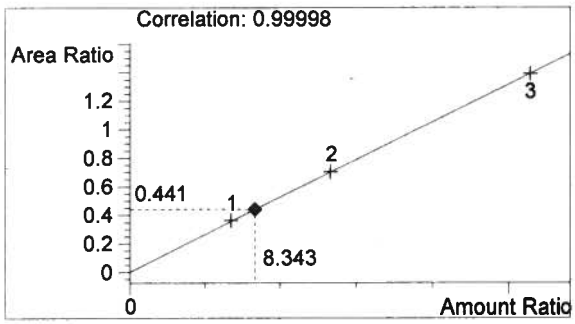
Inj. Date: 5/7/2014 5:23:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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



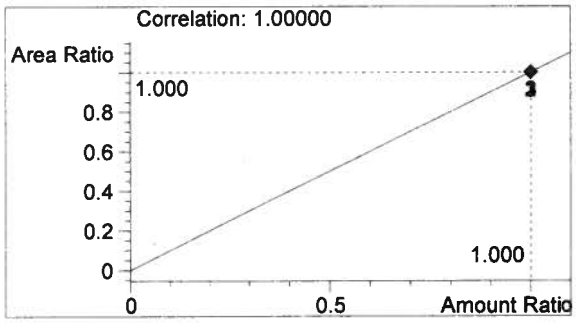
#	Compound	Peak Area	RT (min)
1	Ethanol	1057	1.040
2	n-Propanol	2395	1.703



Ethanol 0.100 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

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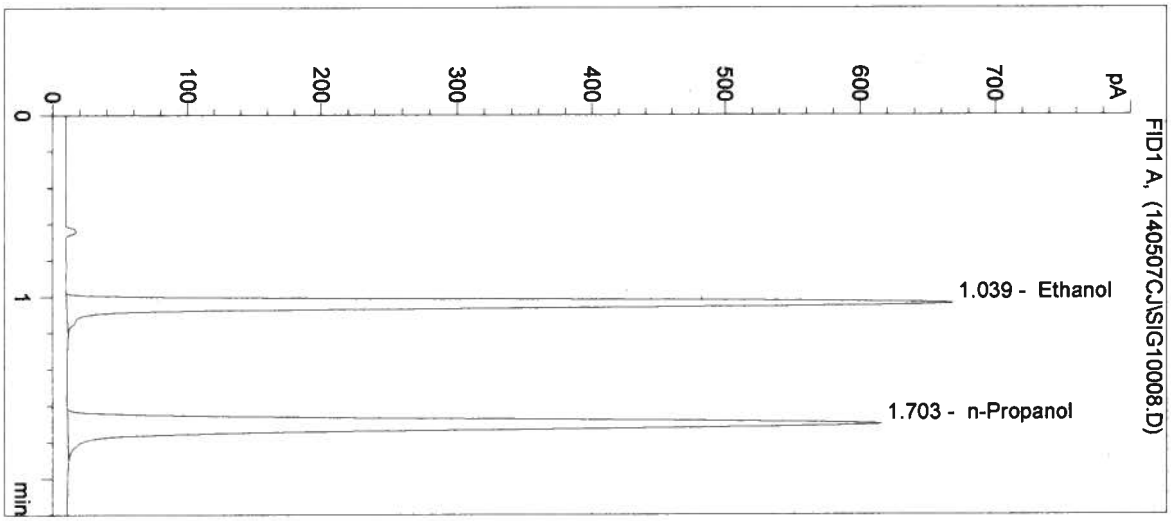
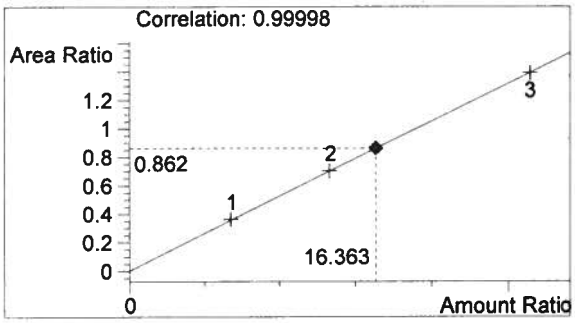
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:26:52 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



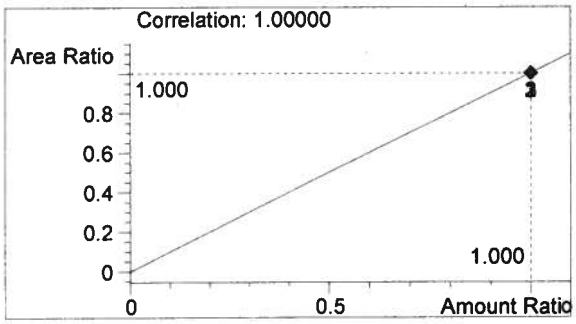
#	Compound	Peak Area	RT (min)
1	Ethanol	2068	1.039
2	n-Propanol	2398	1.703



Ethanol 0.196 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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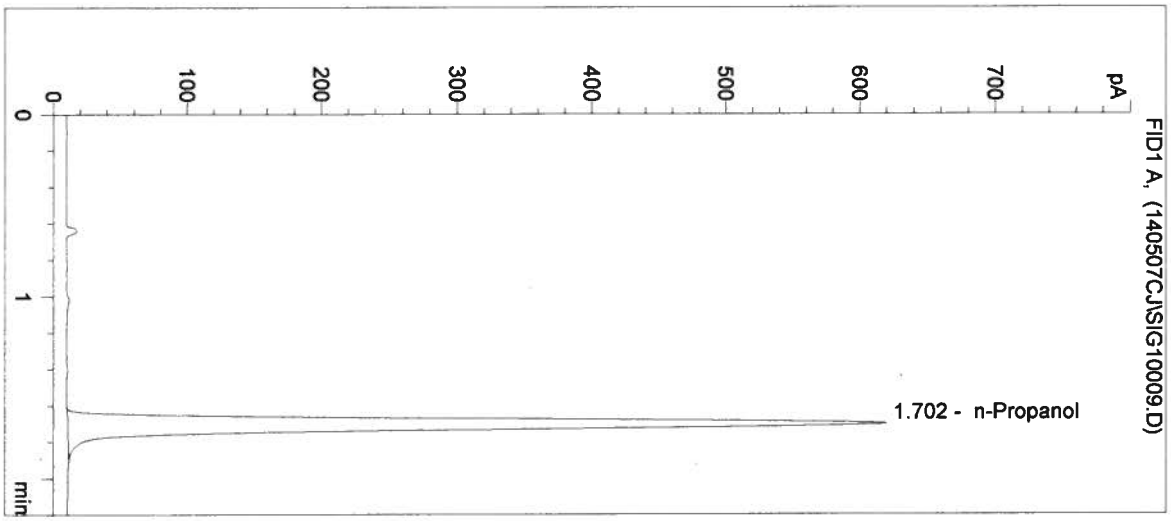
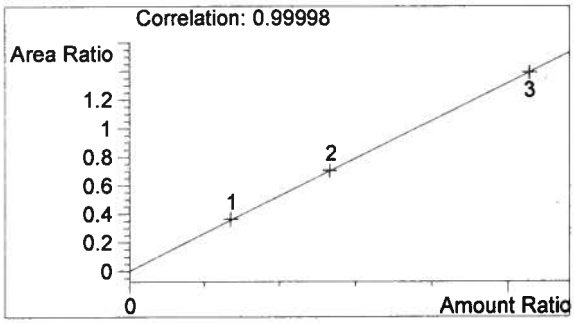
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:29:57 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



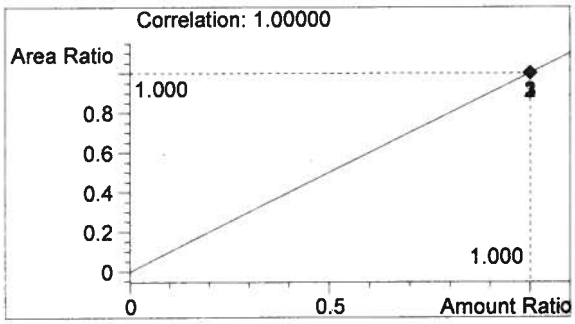
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2417	1.702



Ethanol 0.000 g/100mL

14015

14016



n-Propanol 0.012 g/100mL

CJ

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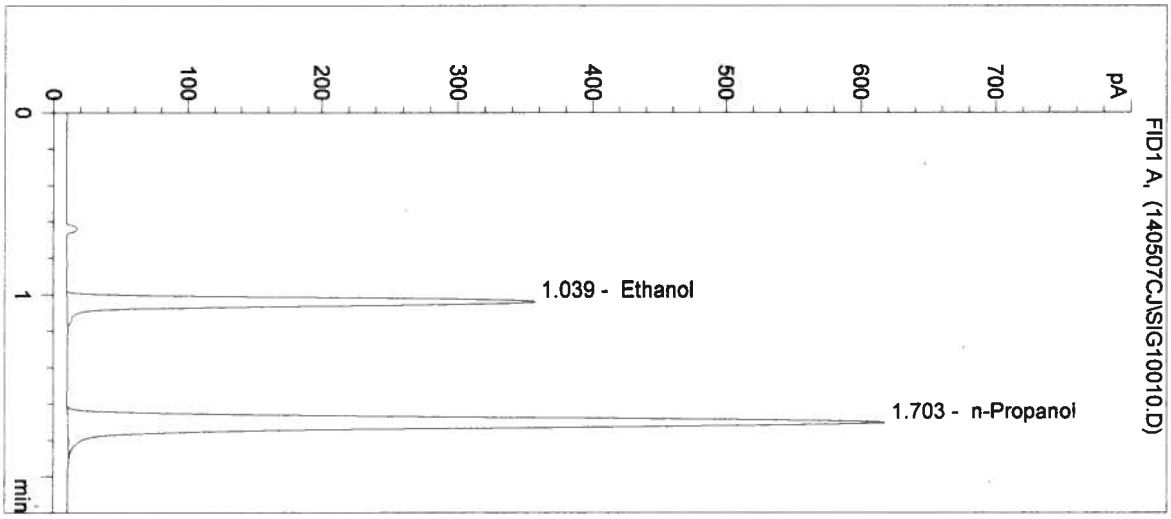
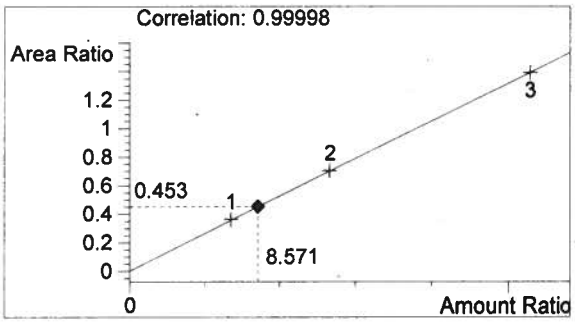
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:33:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

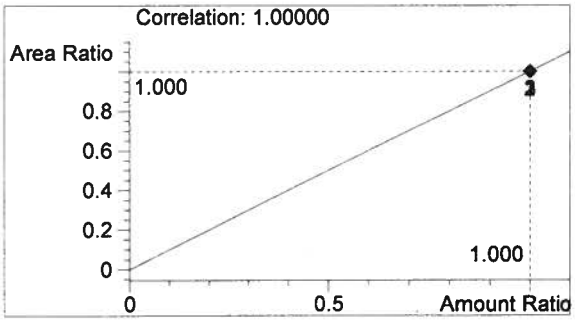
Sample Name: ESS 14015 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.039
2	n-Propanol	2406	1.703



Ethanol 0.103 g/100mL



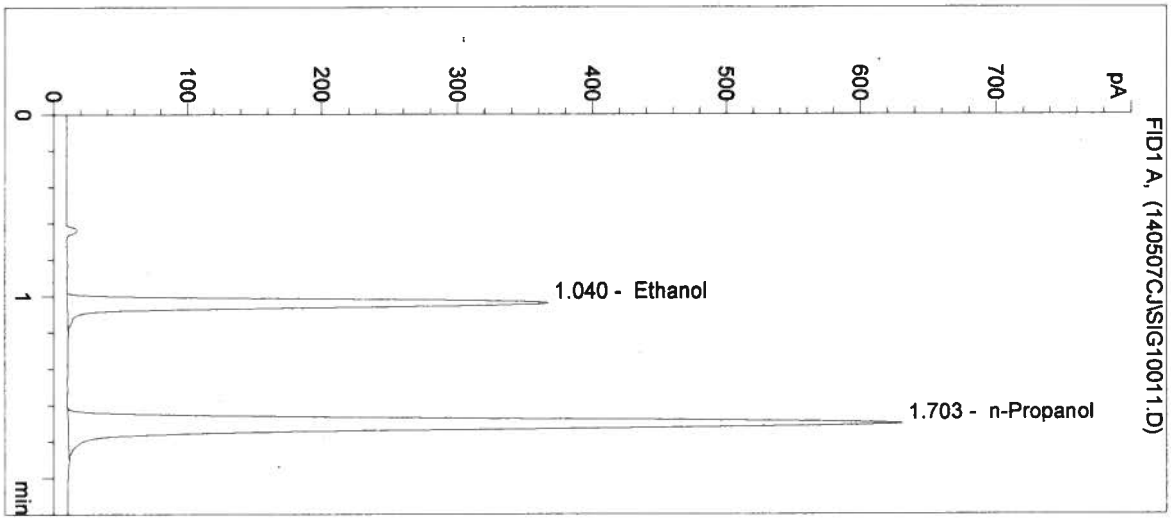
n-Propanol 0.012 g/100mL

CJ

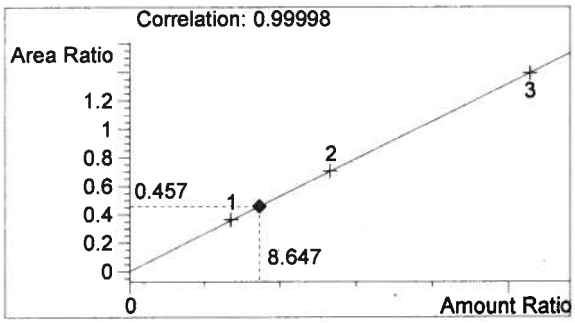
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:36:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

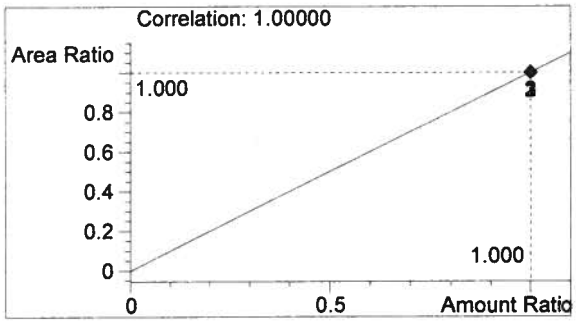
Sample Name: ESS 14015 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.040
2	n-Propanol	2456	1.703



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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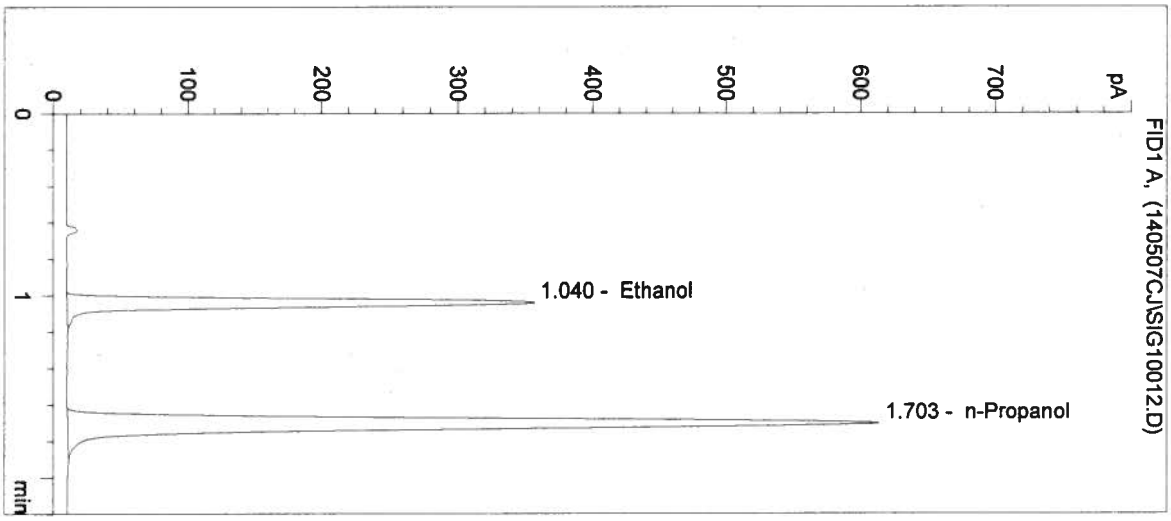
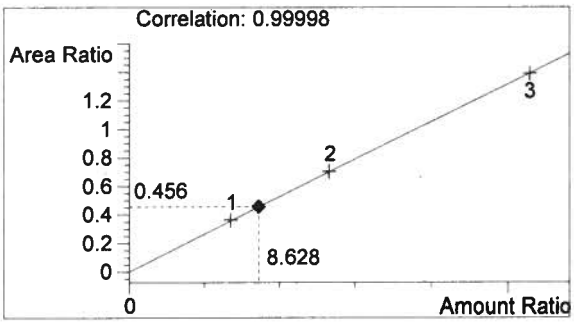
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:39:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

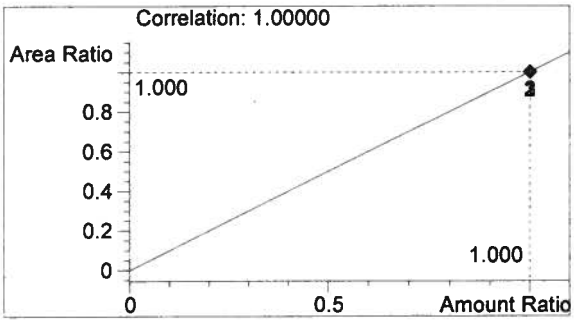
Sample Name: ESS 14015 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2389	1.703



Ethanol 0.104 g/100mL



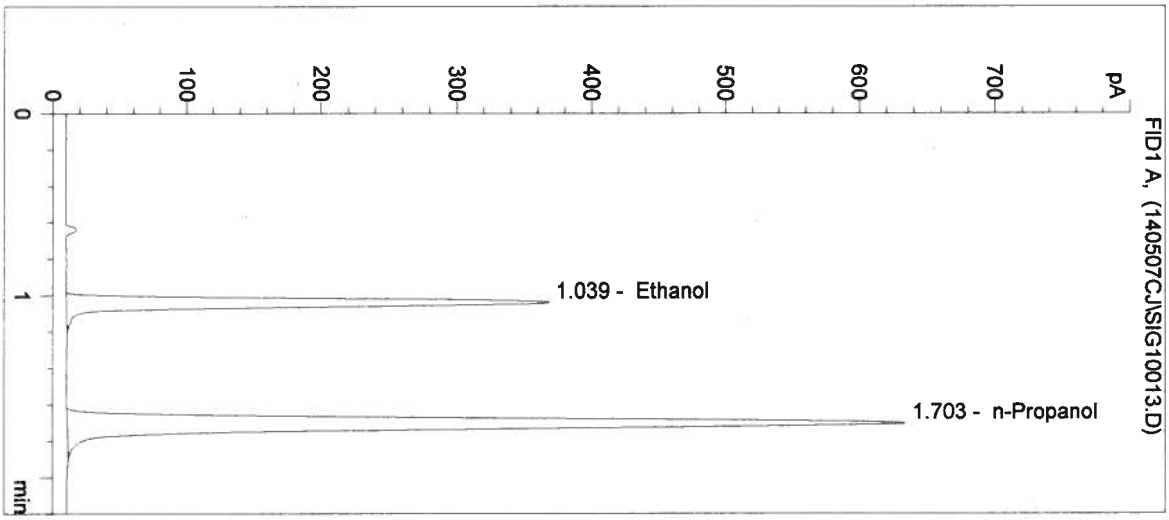
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\140507CJ\SIG10012.D

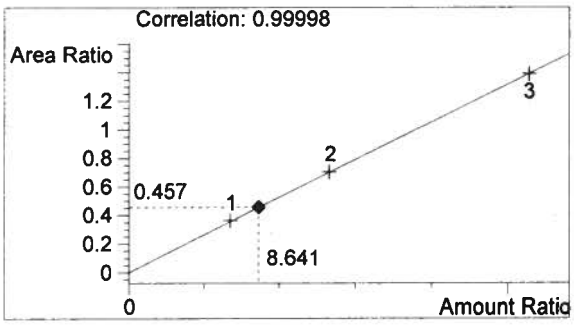
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:42:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

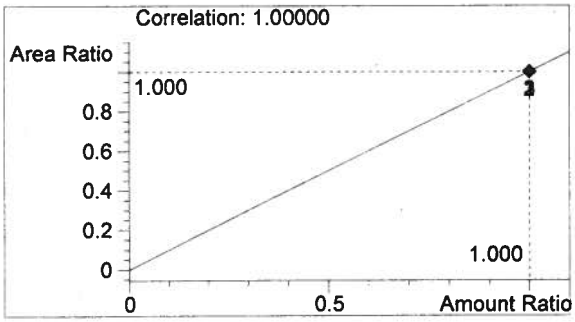
Sample Name: ESS 14015 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.039
2	n-Propanol	2464	1.703



Ethanol 0.104 g/100mL

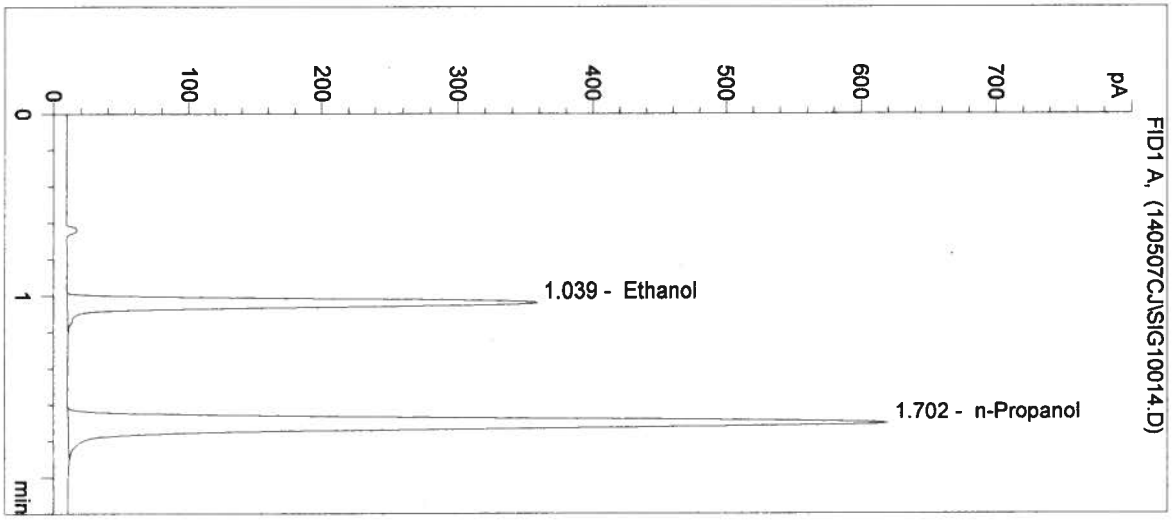


n-Propanol 0.012 g/100mL

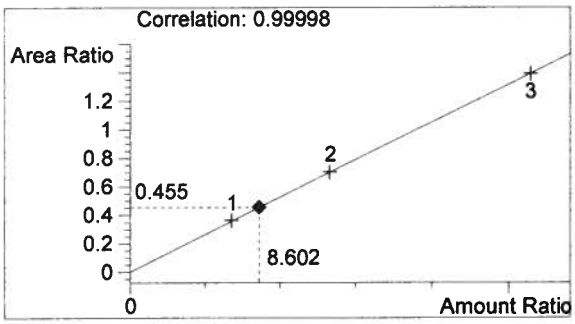
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/7/2014 5:45:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

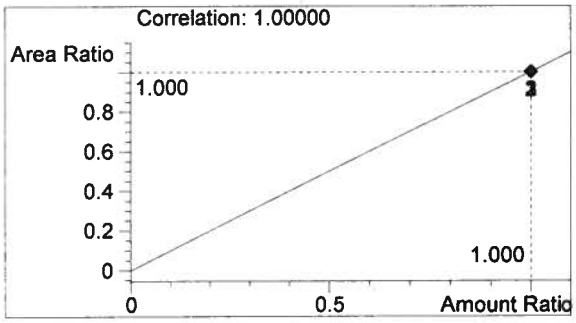
Sample Name: ESS 14015 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.039
2	n-Propanol	2419	1.702



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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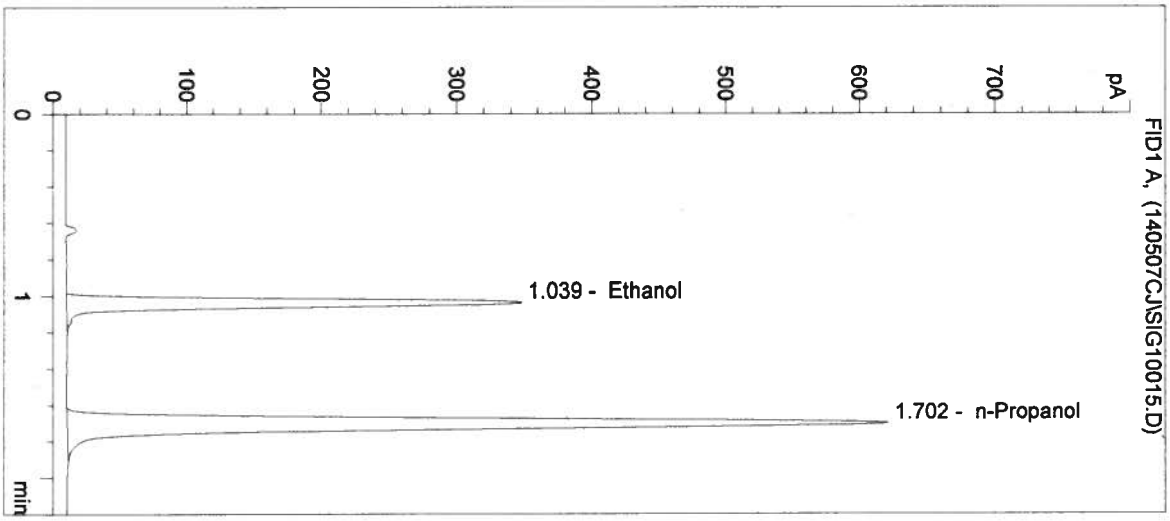
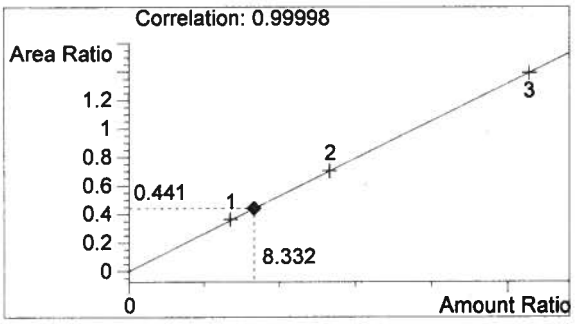
Inj. Date: 5/7/2014 5:48:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

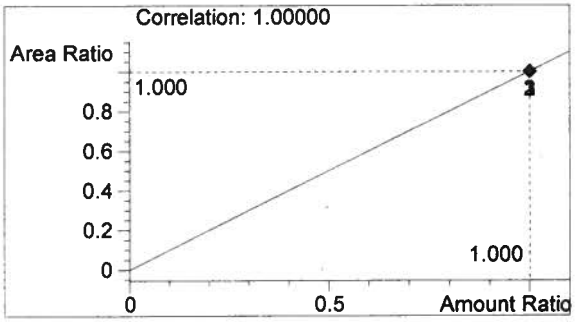


#	Compound	Peak Area	RT (min)
1	Ethanol	1070	1.039
2	n-Propanol	2427	1.702



Ethanol 0.100 g/100mL

14015



n-Propanol 0.012 g/100mL

CJ

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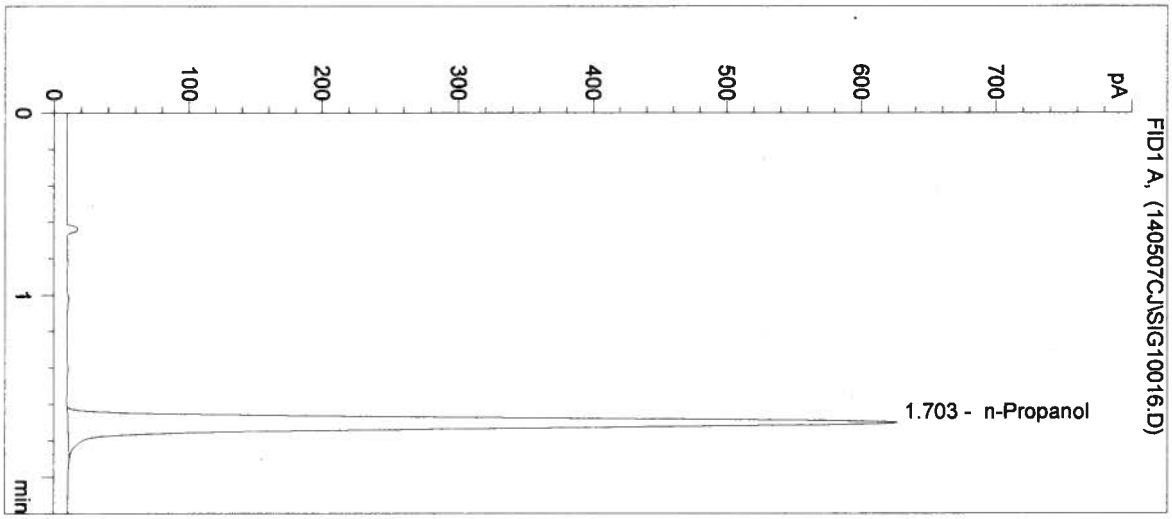
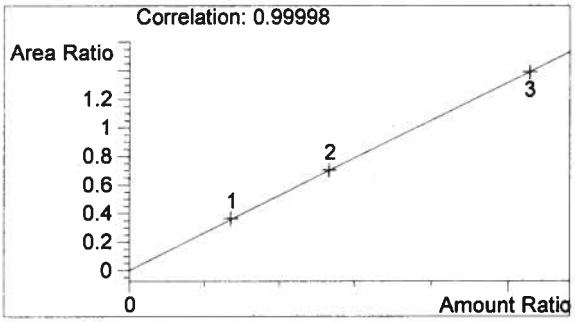
Inj. Date: 5/7/2014 5:51:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

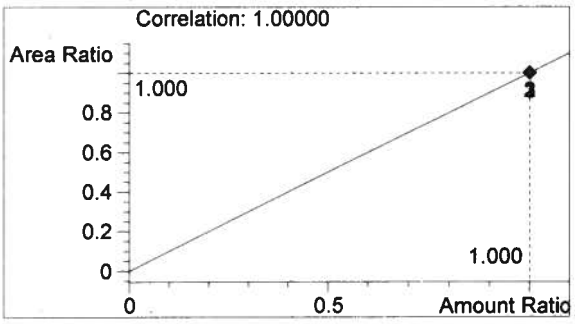


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.703



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

CJ

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

Sequence Parameters:

Operator:	Lyndsey Lowe
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:	140509LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0414-01 - Exp. 10/15/14
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/14
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/14

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #FN08051301 - Exp. 10/2018
0.20 Control - Lot #FN100511-01 - Exp. 10/2016

ISTD Lot#P0314 - Exp. 06/24/2014

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	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14015 #1	SIMALC1	1	Sample		
11	Vial 11	14015 #2	SIMALC1	1	Sample		
12	Vial 12	14015 #3	SIMALC1	1	Sample		
13	Vial 13	14015 #4	SIMALC1	1	Sample		
14	Vial 14	14015 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		
17	Vial 17	14016 #1	SIMALC1	1	Sample		
18	Vial 18	14016 #2	SIMALC1	1	Sample		
19	Vial 19	14016 #3	SIMALC1	1	Sample		
20	Vial 20	14016 #4	SIMALC1	1	Sample		
21	Vial 21	14016 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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!

14015

14016

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, June 09, 2014 1:54:43 PM

* Calibration table and curves not printed with data. Reprinted on 6.9.14
LL 6.9.14

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.000 min
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

Default Sample ISTD Information (if not set in sample table):

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

14015

14016

Signal Details

Signal 1: FID1 A,

Overview Table

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD	#	Compound
1.039	1	1	8.12400e-2	879.16541	9.24058e-5	No	No	1	Ethanol
		2	1.59860e-1	1677.95471	9.52707e-5				
		3	3.17330e-1	3366.38794	9.42642e-5				
1.703	1	1	1.20000e-2	2417.13574	4.96455e-6	No	Yes	1	n-Propanol

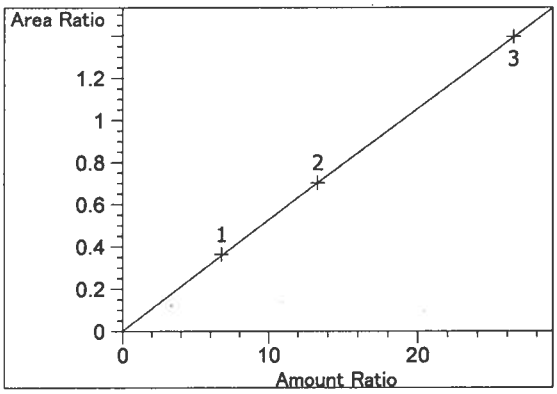
Method C:\CHEM32\1\METHODS\SIMALC1.M

RT	Sig	Lvl	Amount [g/100 mL]	Area	Rsp.Factor	Ref	ISTD #	Compound
		2	1.20000e-2	2388.10278	5.02491e-6			
		3	1.20000e-2	2412.72900	4.97362e-6			

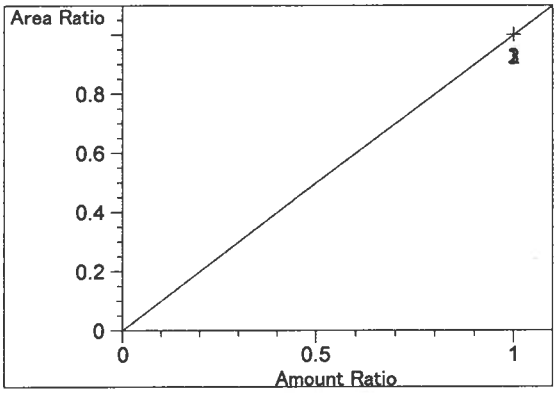
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.039
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00388
Formula: y = mx + b
m: 5.26782e-2
b: 2.54724e-3
x: Amount
y: Area



n-Propanol at exp. RT: 1.703
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount
y: Area

14015

14016

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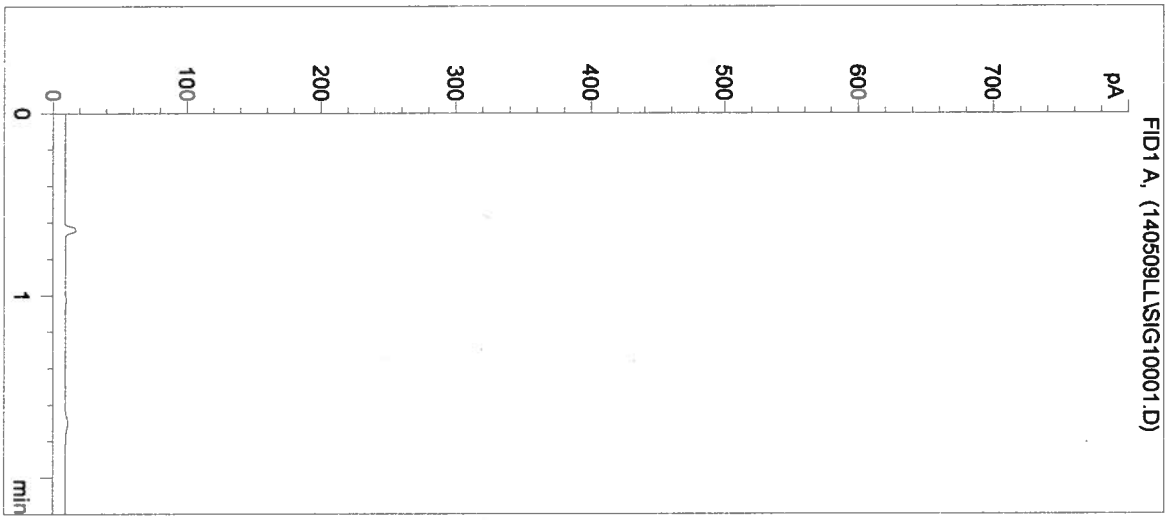
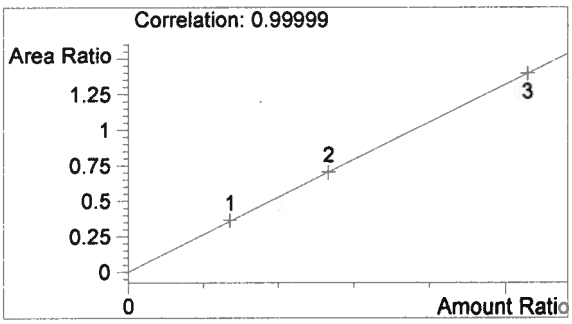
Inj. Date: 5/9/2014 2:22:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



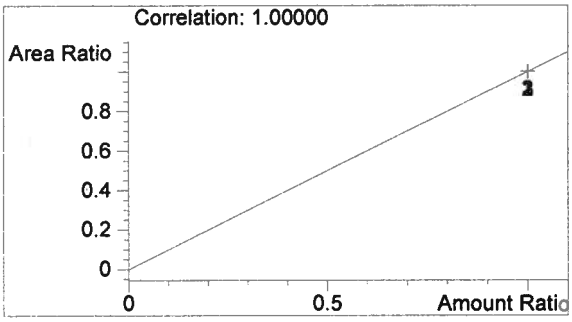
#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

14016

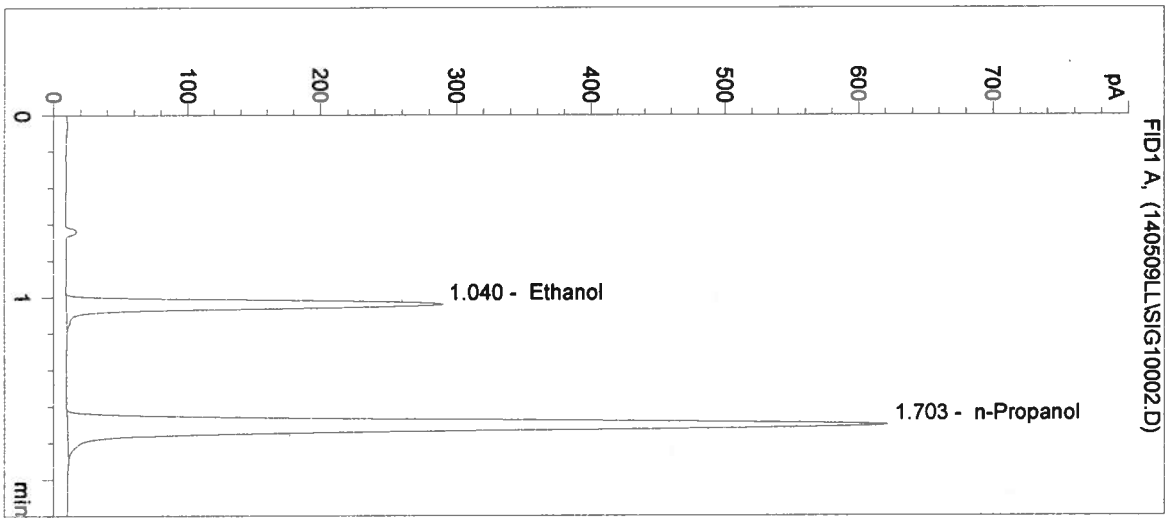


n-Propanol 0.000 g/100mL

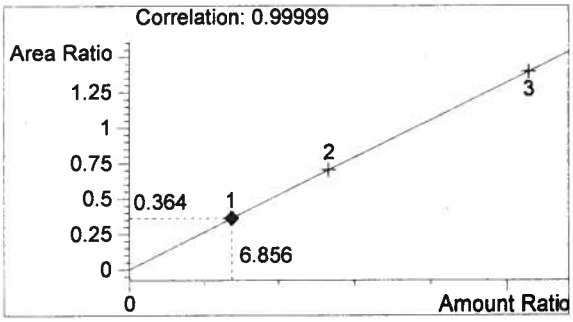
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:25:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



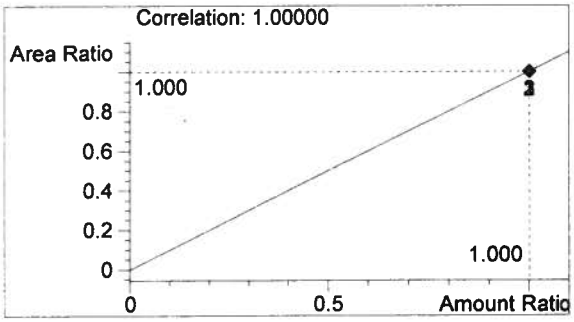
#	Compound	Peak Area	RT (min)
1	Ethanol	879	1.040
2	n-Propanol	2417	1.703



Ethanol 0.082 g/100mL

14015

14016

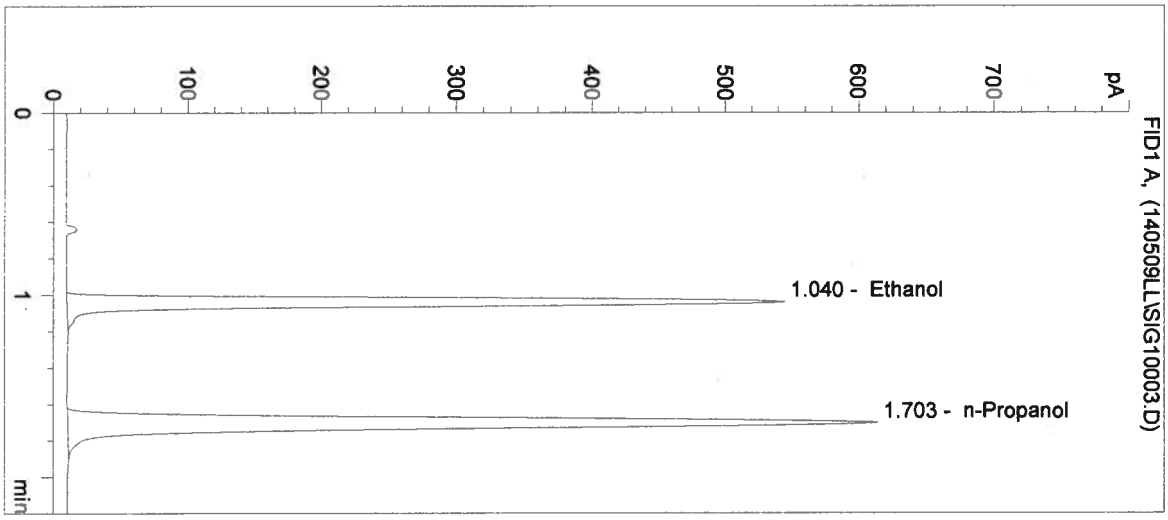


n-Propanol 0.012 g/100mL

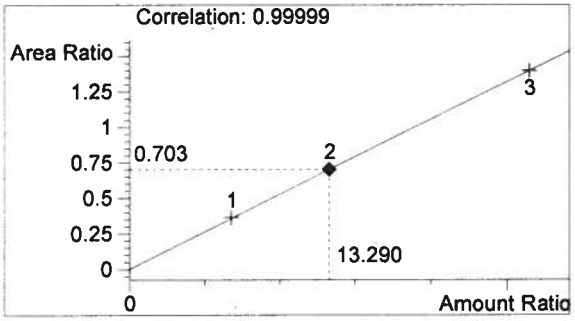
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:29:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3

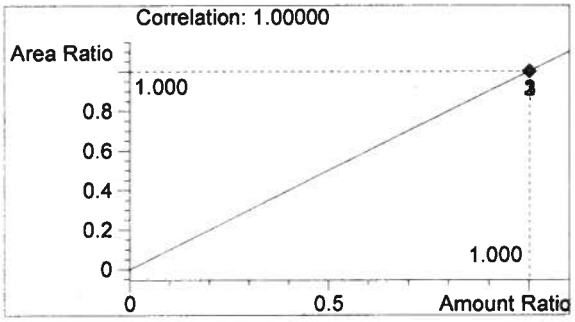


#	Compound	Peak Area	RT (min)
1	Ethanol	1678	1.040
2	n-Propanol	2388	1.703



Ethanol 0.159 g/100mL

14015
14016



n-Propanol 0.012 g/100mL

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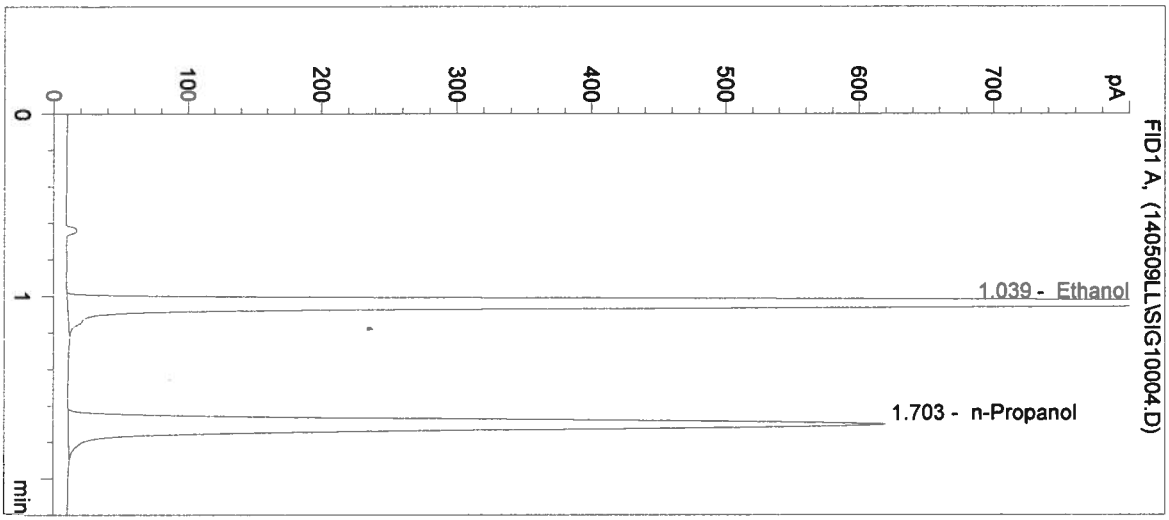
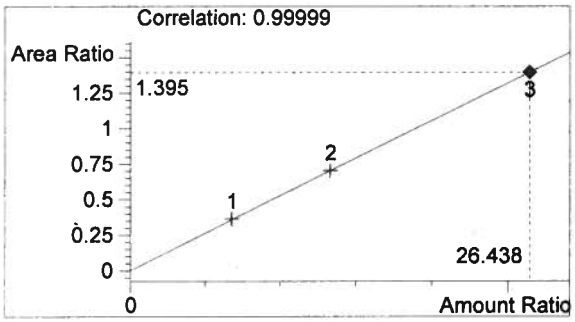
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:32:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



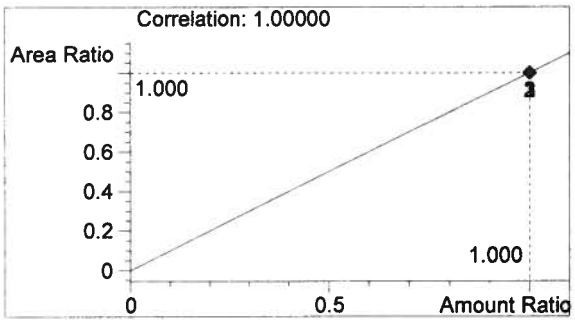
#	Compound	Peak Area	RT (min)
1	Ethanol	3366	1.039
2	n-Propanol	2413	1.703



Ethanol 0.317 g/100mL

14015

14016

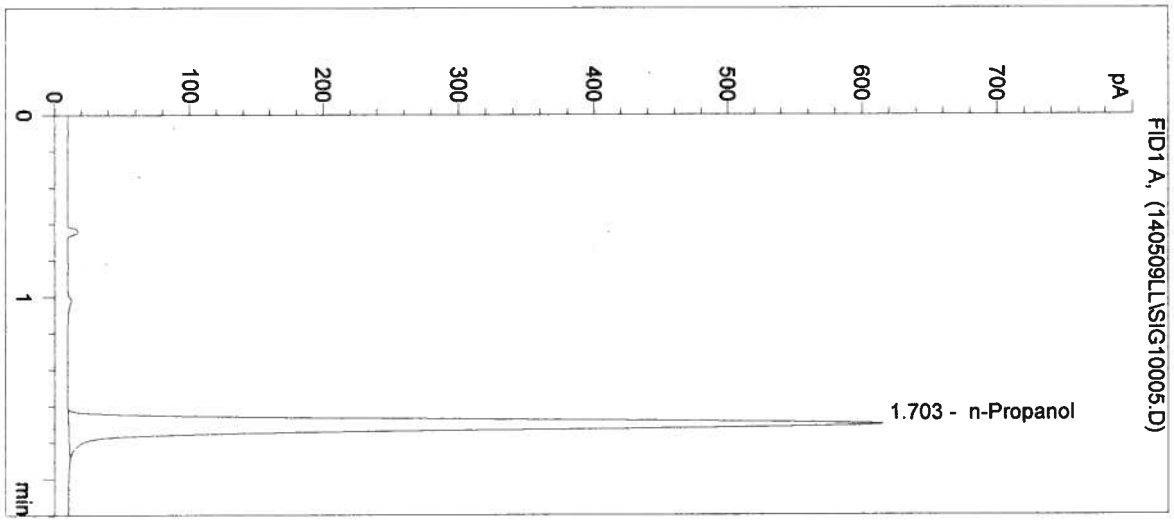


n-Propanol 0.012 g/100mL

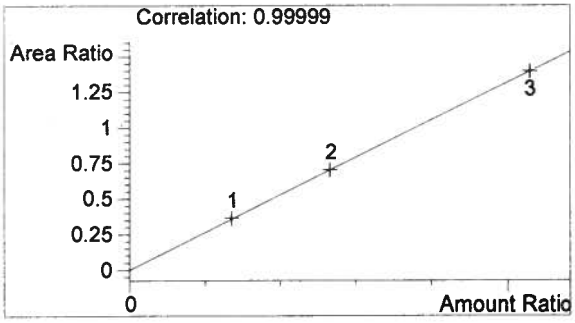
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:35:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 5

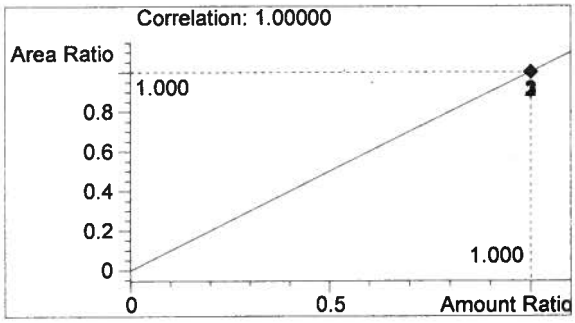


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2390	1.703



Ethanol 0.000 g/100mL

14015
14016

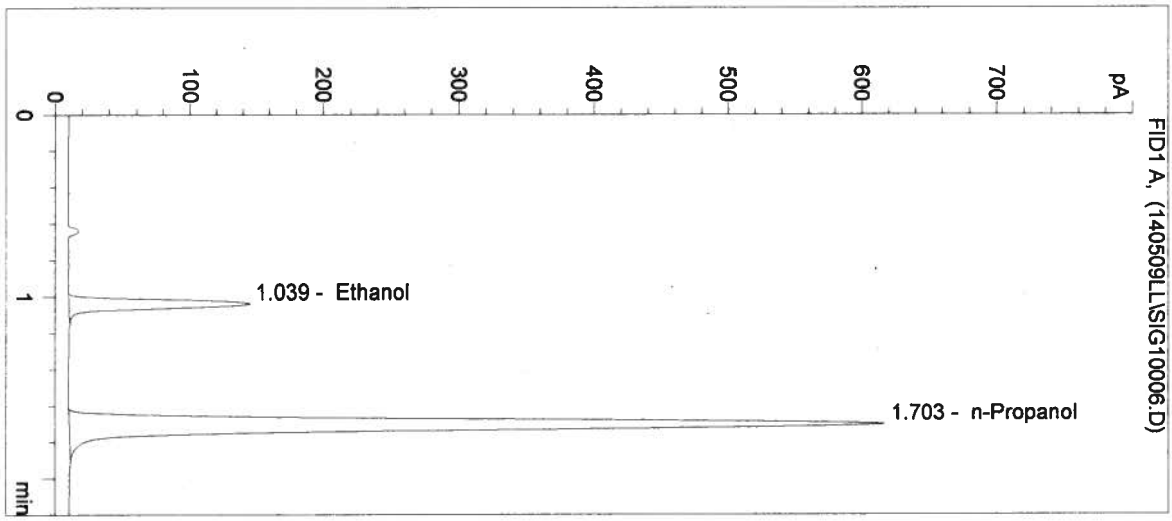


n-Propanol 0.012 g/100mL

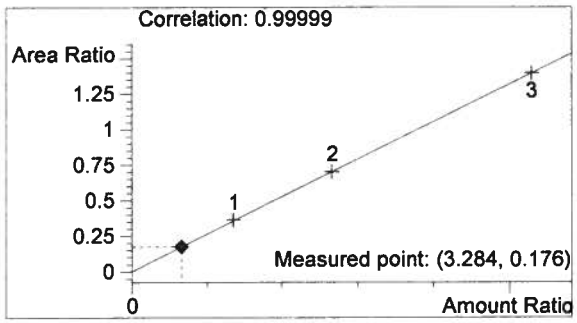
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:38:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 Ctrl
Operator: Lyndsey Lowe
Location: Vial 6

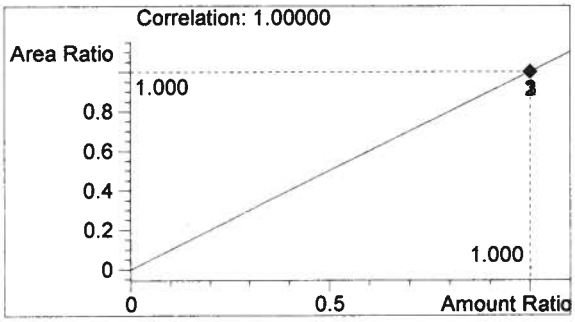


#	Compound	Peak Area	RT (min)
1	Ethanol	423	1.039
2	n-Propanol	2407	1.703



Ethanol 0.039 g/100mL

14015
14016



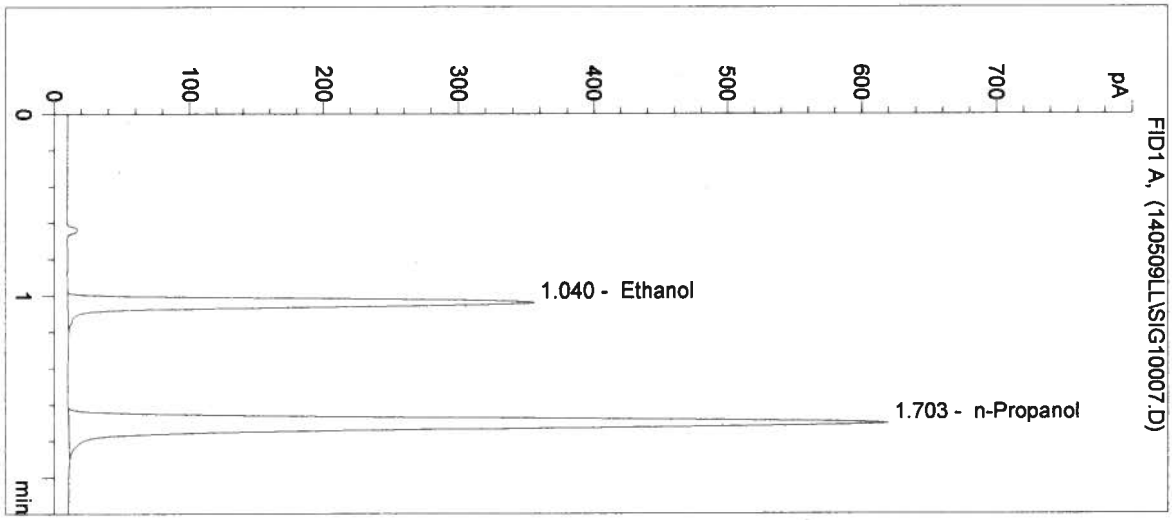
n-Propanol 0.012 g/100mL

W

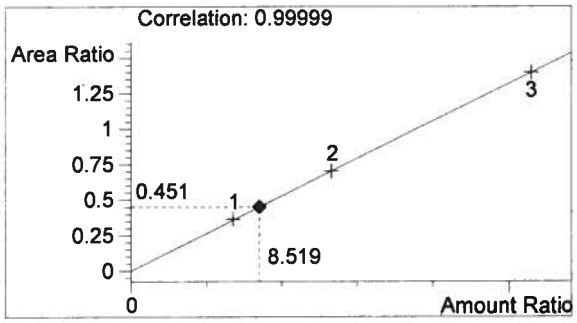
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:41:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 7

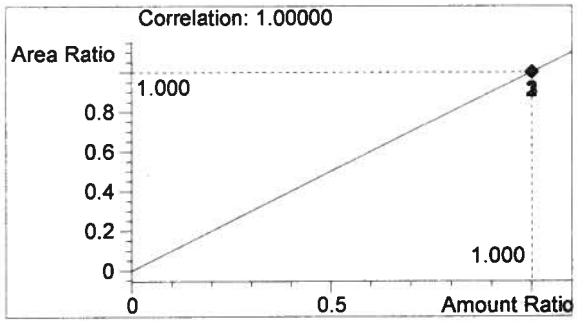


#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.040
2	n-Propanol	2409	1.703



Ethanol 0.102 g/100mL

14015
14016

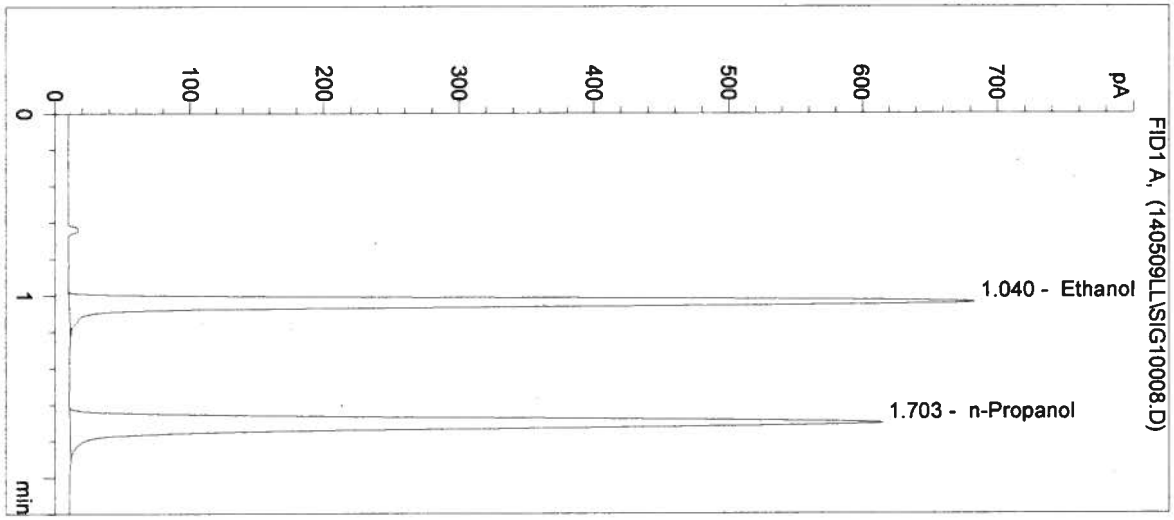


n-Propanol 0.012 g/100mL

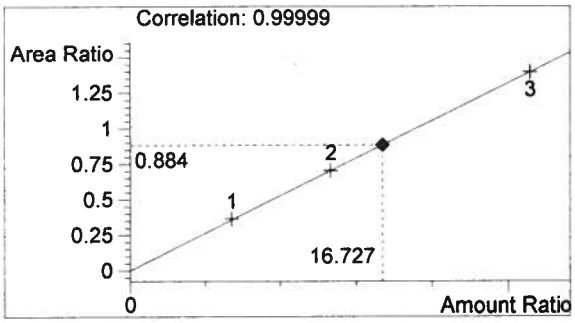
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:44:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 Ctrl
Operator: Lyndsey Lowe
Location: Vial 8

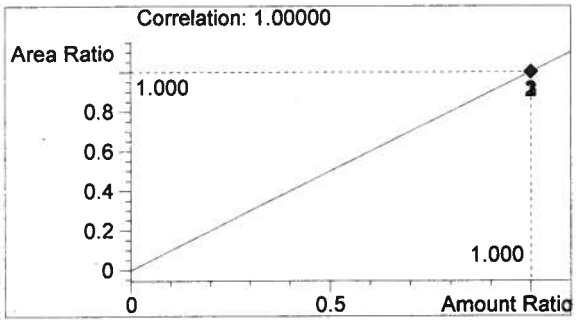


#	Compound	Peak Area	RT (min)
1	Ethanol	2120	1.040
2	n-Propanol	2399	1.703



Ethanol 0.201 g/100mL

14015
14016

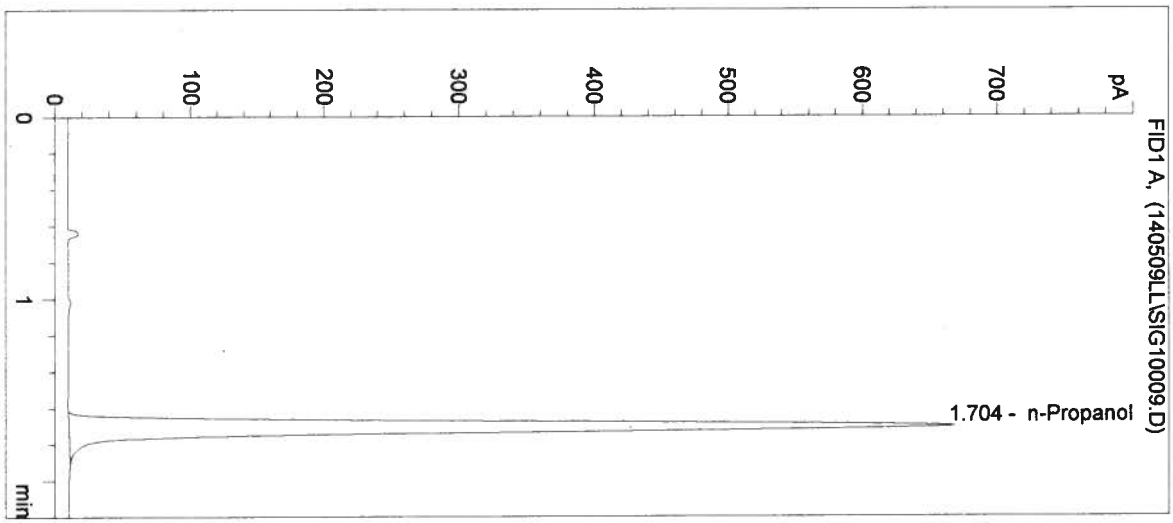


n-Propanol 0.012 g/100mL

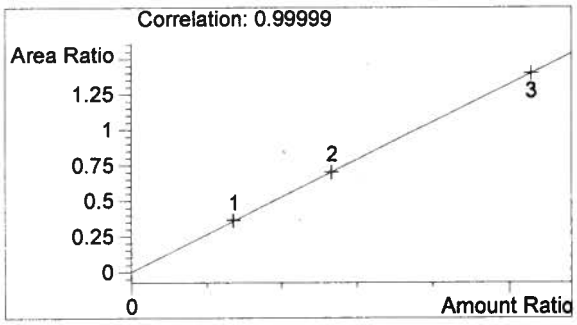
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:47:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 9

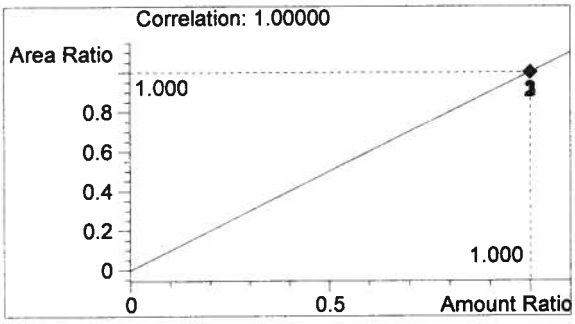


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2606	1.704



Ethanol 0.000 g/100mL

14015
14016

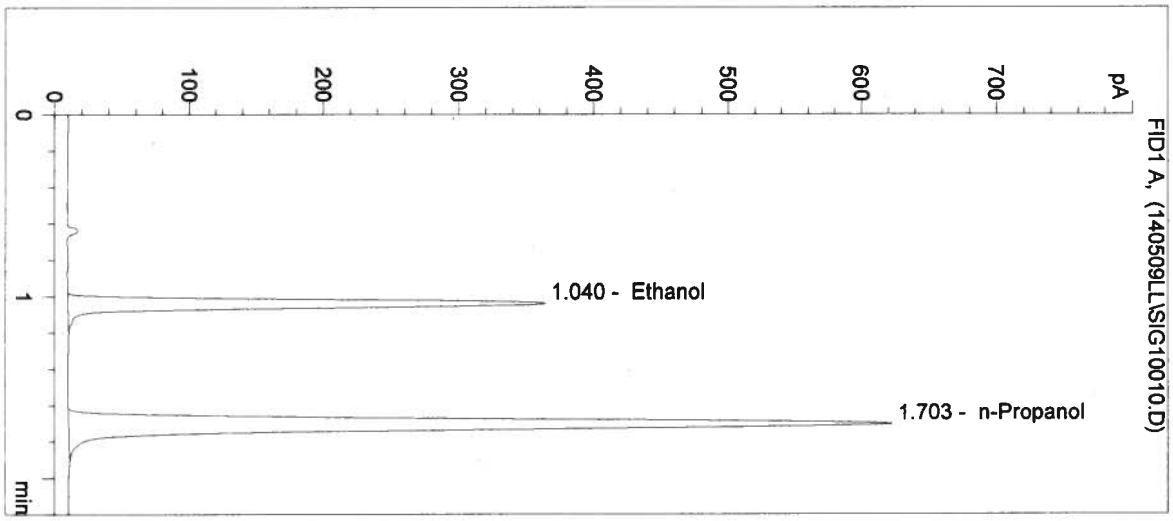


n-Propanol 0.012 g/100mL

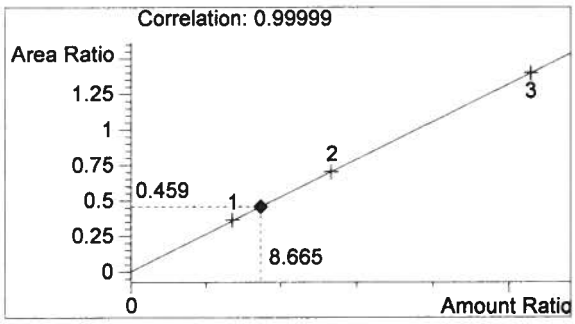
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:50:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

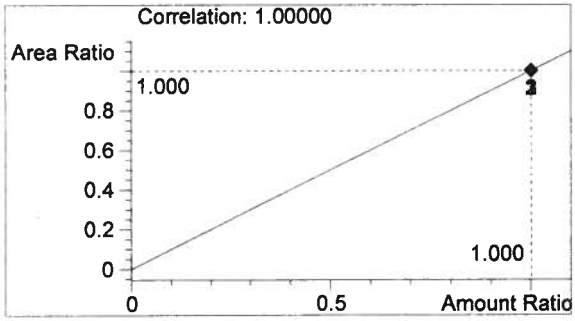
Sample Name: 14015 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.040
2	n-Propanol	2424	1.703



Ethanol 0.104 g/100mL

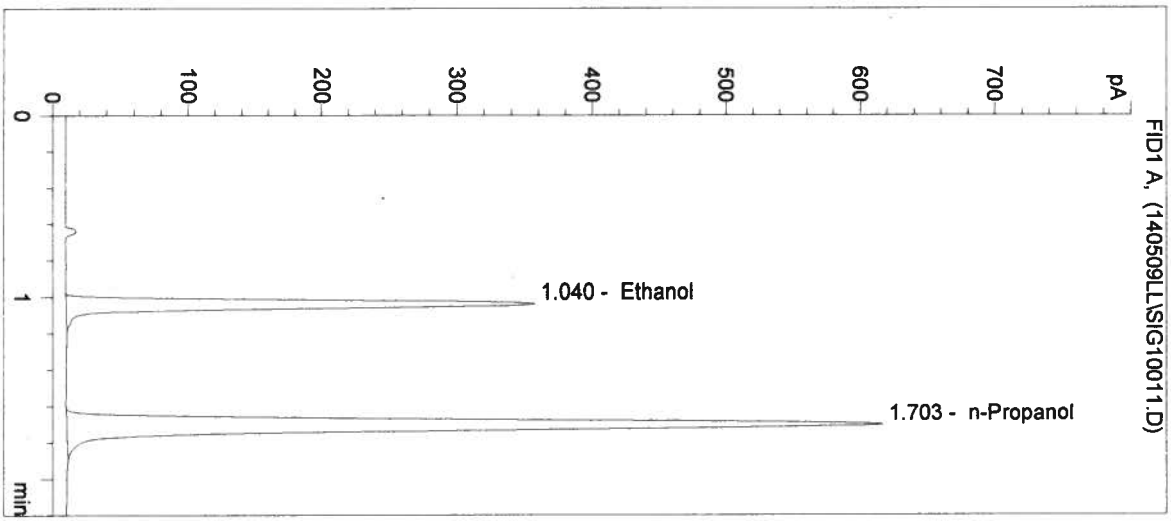


n-Propanol 0.012 g/100mL

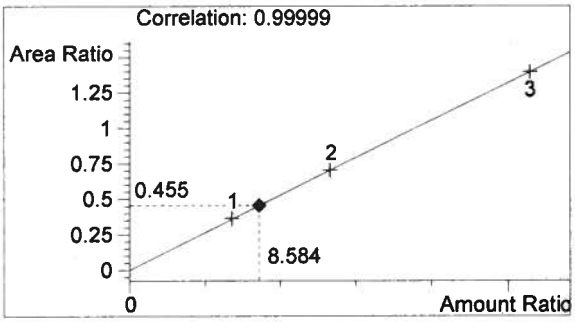
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:53:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

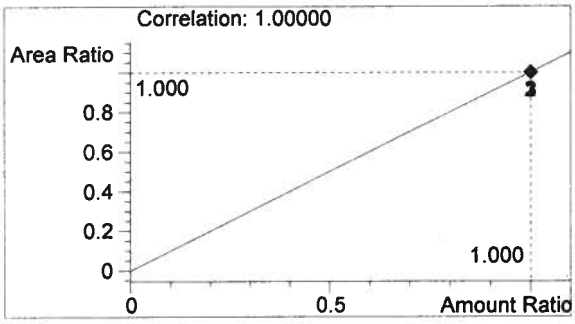
Sample Name: 14015 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.040
2	n-Propanol	2397	1.703



Ethanol 0.103 g/100mL

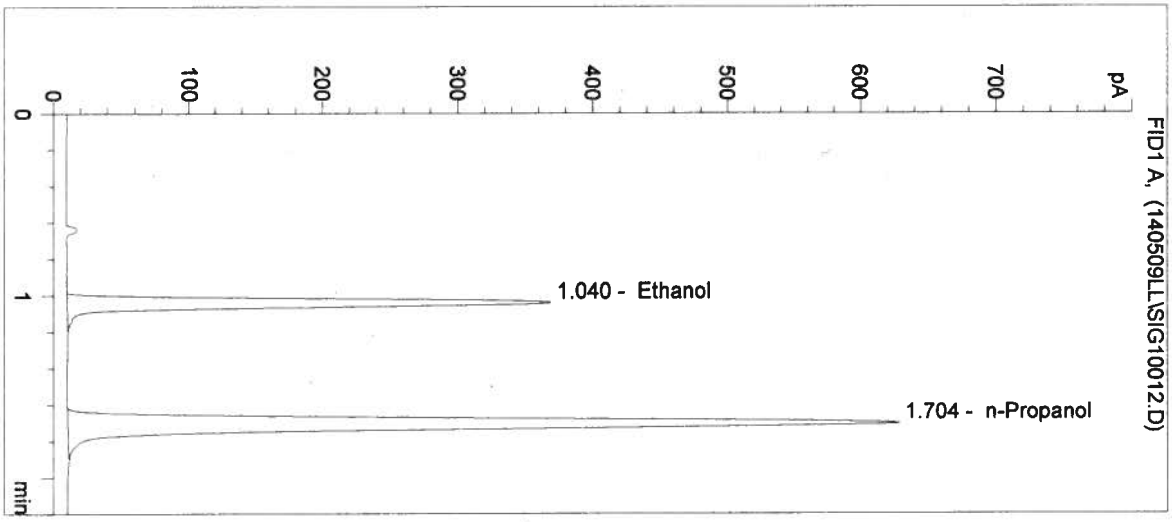


n-Propanol 0.012 g/100mL

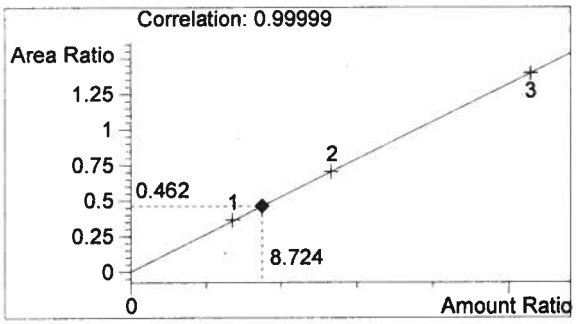
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:56:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

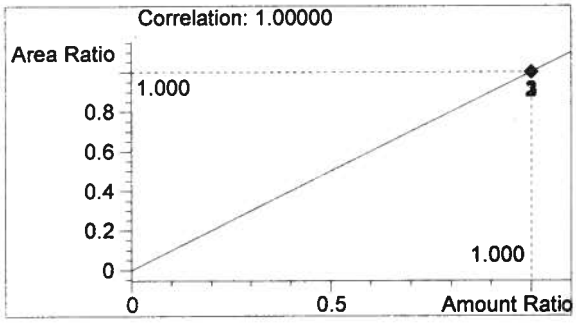
Sample Name: 14015 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.040
2	n-Propanol	2443	1.704



Ethanol 0.105 g/100mL

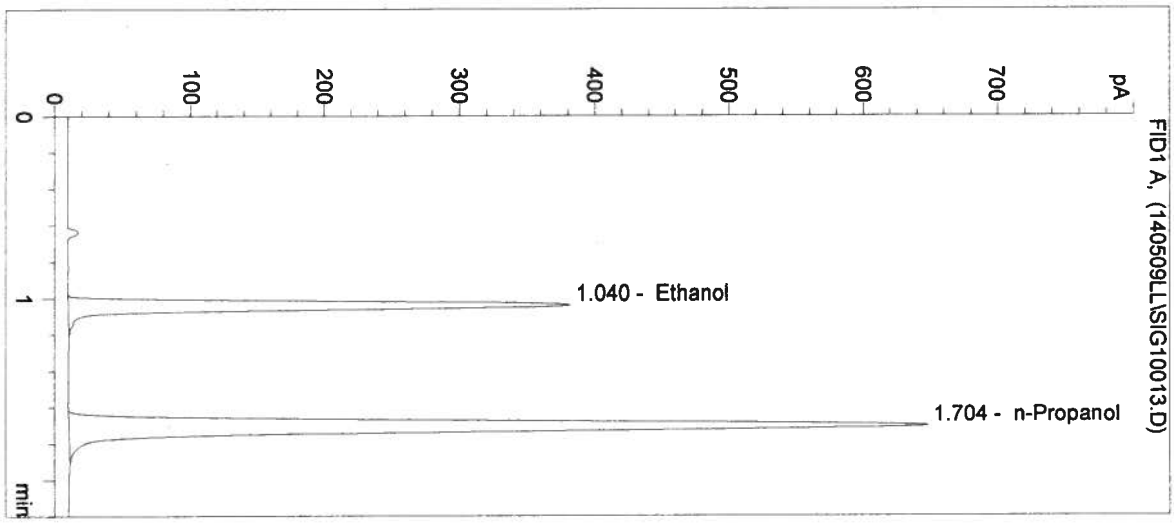


n-Propanol 0.012 g/100mL

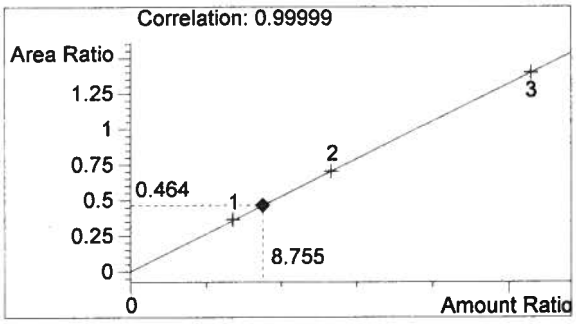
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 2:59:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

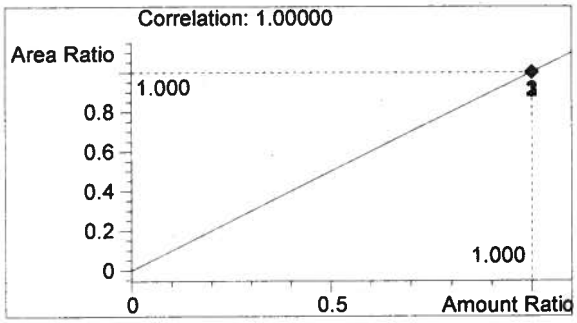
Sample Name: 14015 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1171	1.040
2	n-Propanol	2525	1.704



Ethanol 0.105 g/100mL

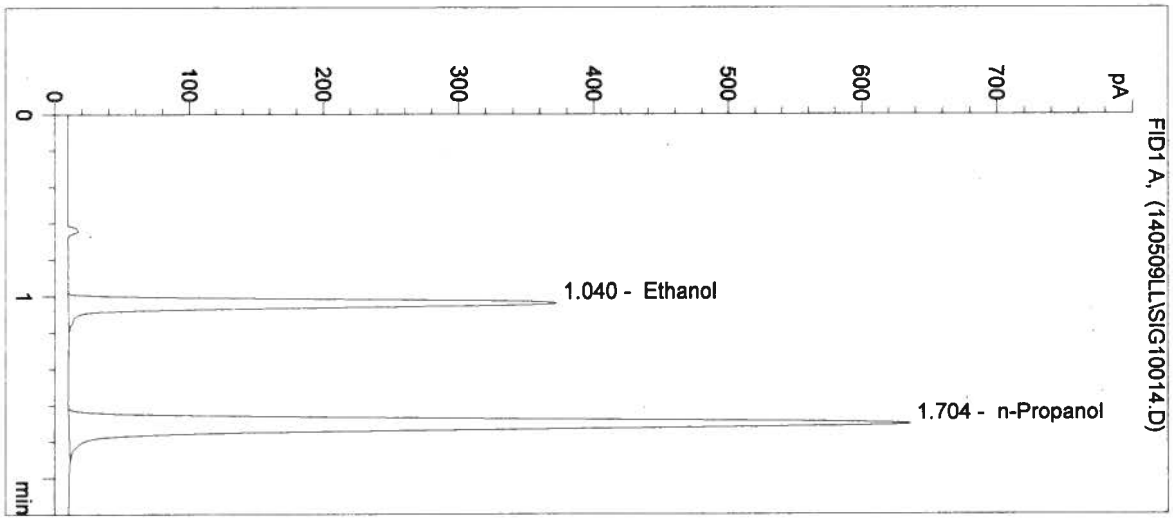


n-Propanol 0.012 g/100mL

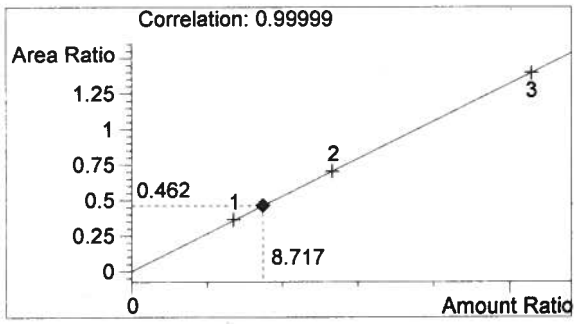
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 3:02:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

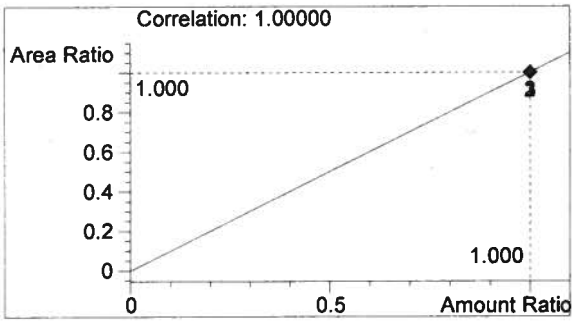
Sample Name: 14015 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.040
2	n-Propanol	2474	1.704



Ethanol 0.105 g/100mL

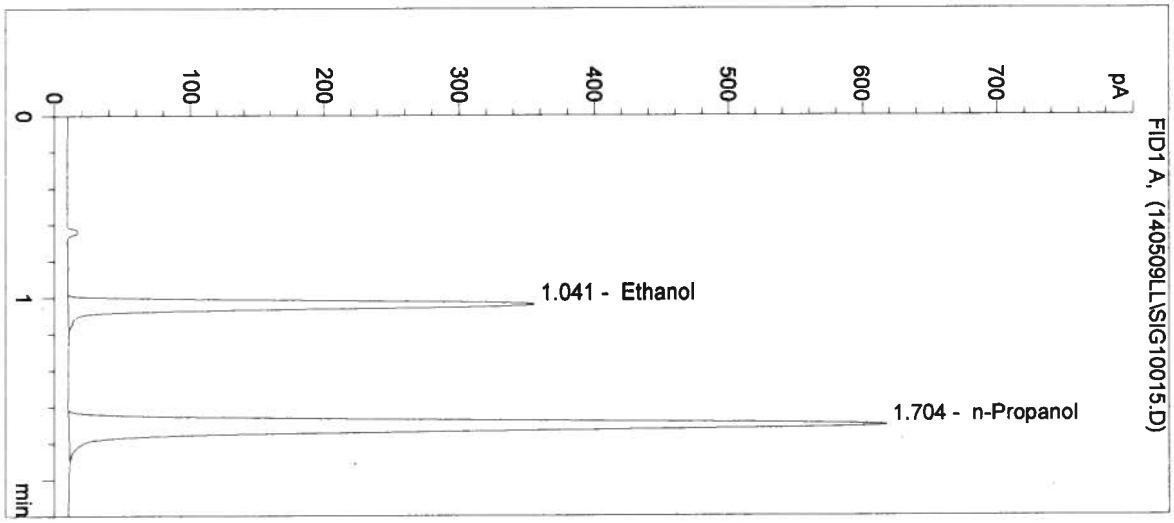


n-Propanol 0.012 g/100mL

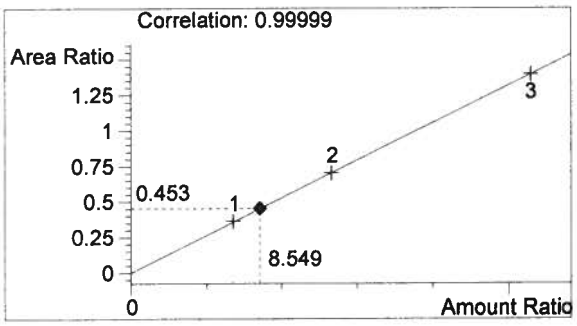
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 3:05:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 15

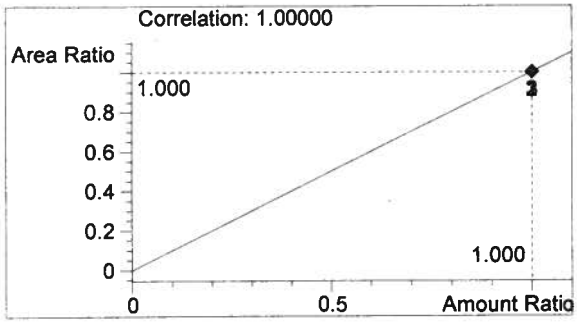


#	Compound	Peak Area	RT (min)
1	Ethanol	1088	1.041
2	n-Propanol	2402	1.704



Ethanol 0.103 g/100mL

14015

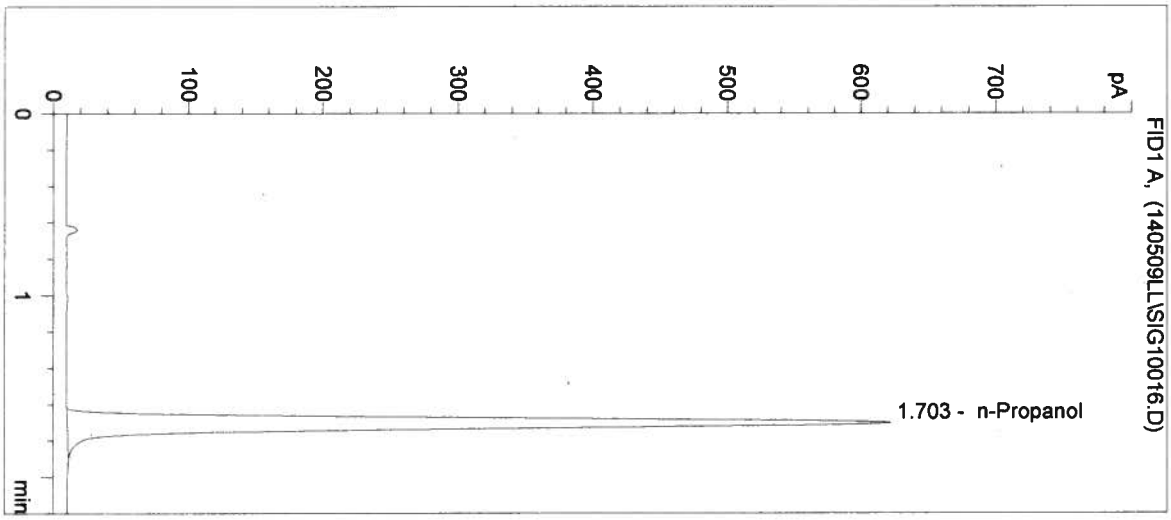


n-Propanol 0.012 g/100mL

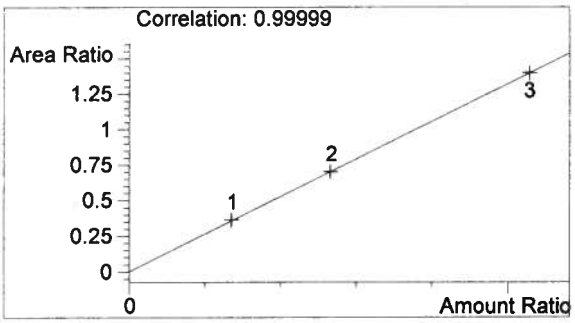
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/9/2014 3:09:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 16

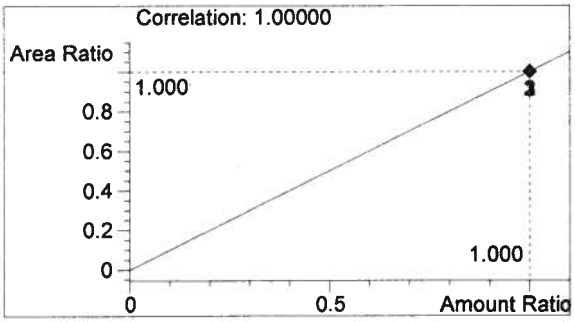


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2422	1.703



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	140512NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Ethanol Calibrator 1, E0414-01 - Exp. 10/15/14
Ethanol Calibrator 2, E0414-02 - Exp. 10/15/14
Ethanol Calibrator 3, E0414-03 - Exp. 10/15/14

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #FN08051301 - Exp. 10/2018
0.20 Control - Lot #FN100511-01 - Exp. 10/2016

ISTD Lot#P0314 - Exp. 06/24/2014

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	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14015 #1	SIMALC1	1	Sample		
11	Vial 11	14015 #2	SIMALC1	1	Sample		
12	Vial 12	14015 #3	SIMALC1	1	Sample		
13	Vial 13	14015 #4	SIMALC1	1	Sample		
14	Vial 14	14015 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	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: C:\HPCHEM\1\SEQUENCE\NNESS1.S

Sequence Table (Back Injector):

No entries - empty table!

14015

Calibration Table

Calib. Data Modified : Monday, May 12, 2014 3:37:55 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,

14015

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.040	1	1	8.12400e-2	854.08856	9.51189e-5		1	Ethanol
		2	1.59860e-1	2006.62891	7.96660e-5			
		3	3.17330e-1	3977.62427	7.97788e-5			
1.704	1	1	1.20000e-2	2389.15991	5.02269e-6		I1	n-Propanol
		2	1.20000e-2	2793.48779	4.29571e-6			
		3	1.20000e-2	2789.12549	4.30242e-6			

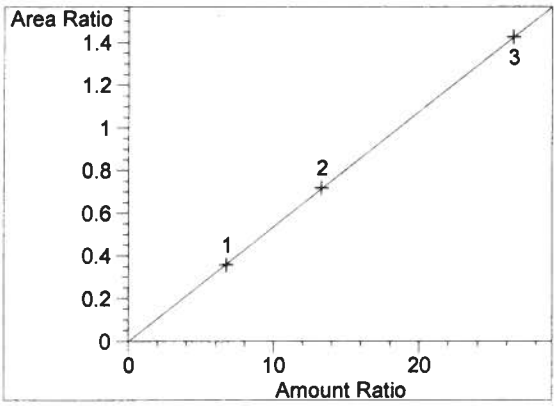
Peak Sum Table

No Entries in table

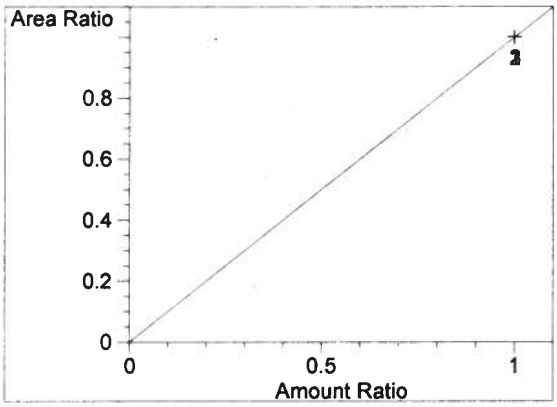
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00445
Formula: y = mx + b
m: 5.40262e-2
b: -3.05614e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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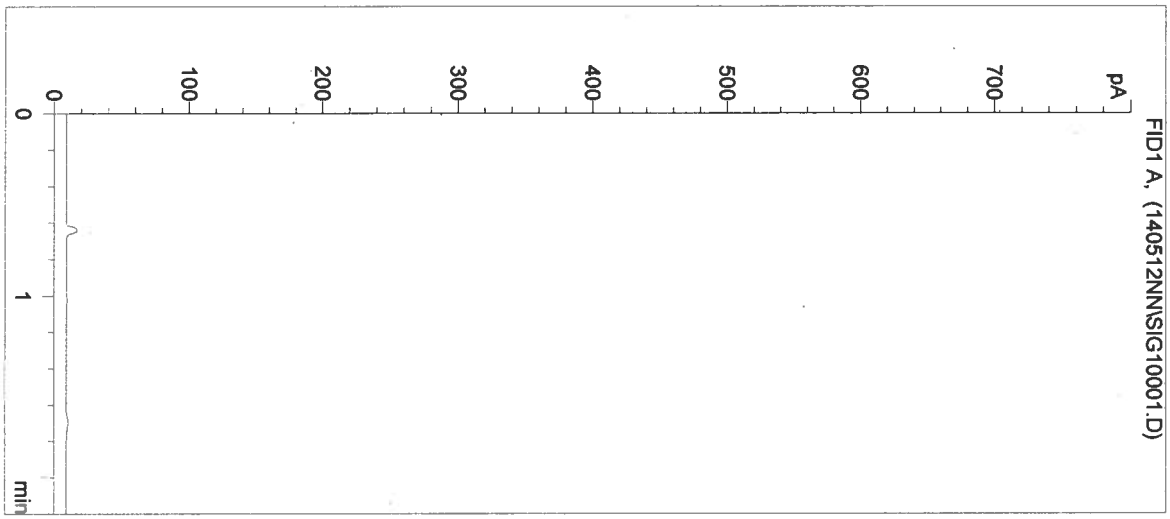
14015

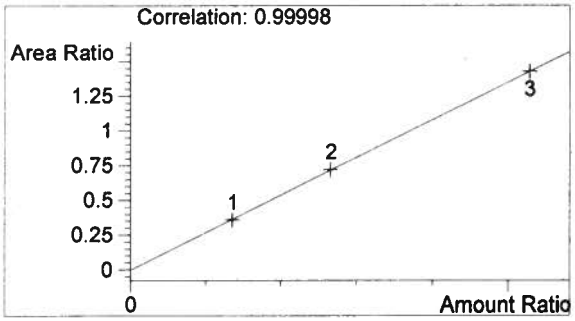
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:26:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

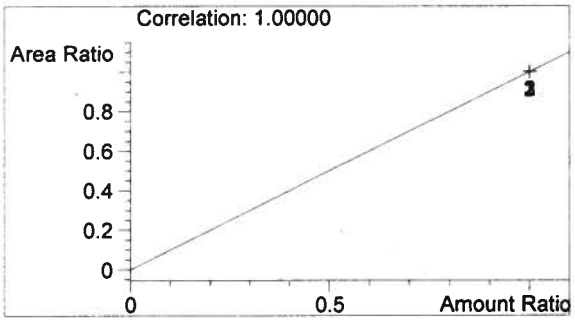


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015

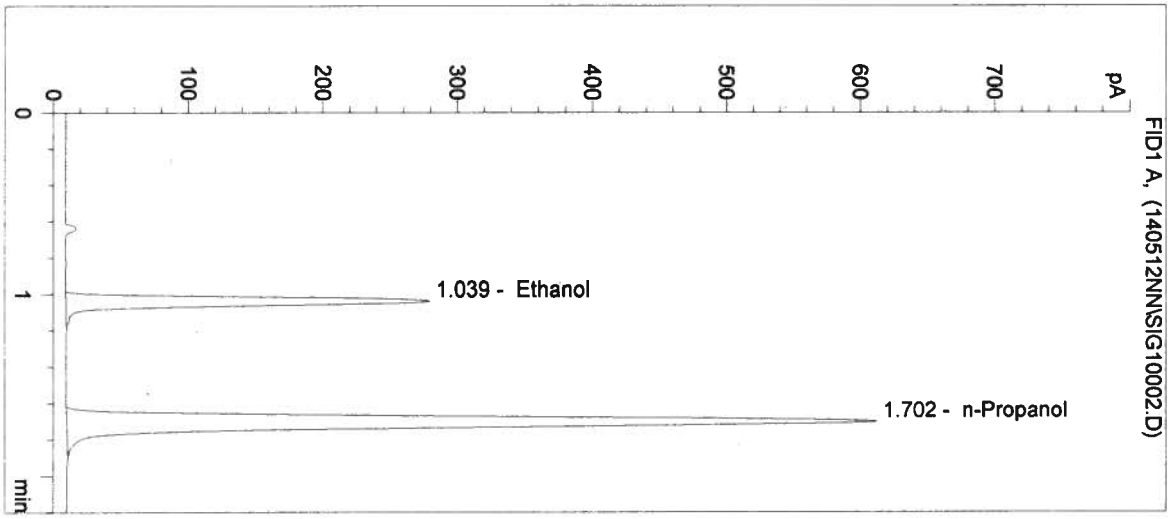


n-Propanol 0.000 g/100mL

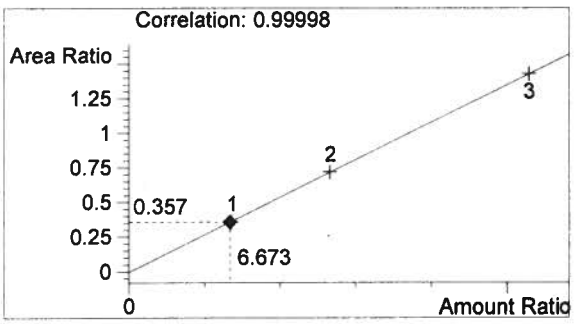
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:29:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

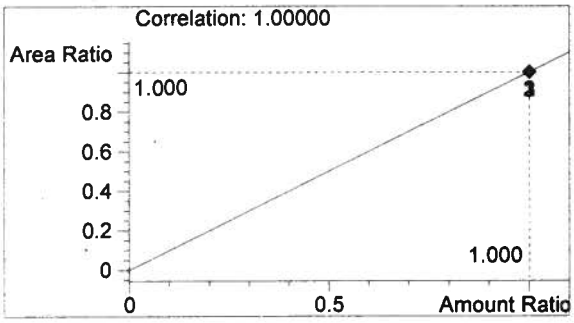


#	Compound	Peak Area	RT (min)
1	Ethanol	854	1.039
2	n-Propanol	2389	1.702



Ethanol 0.080 g/100mL

14015

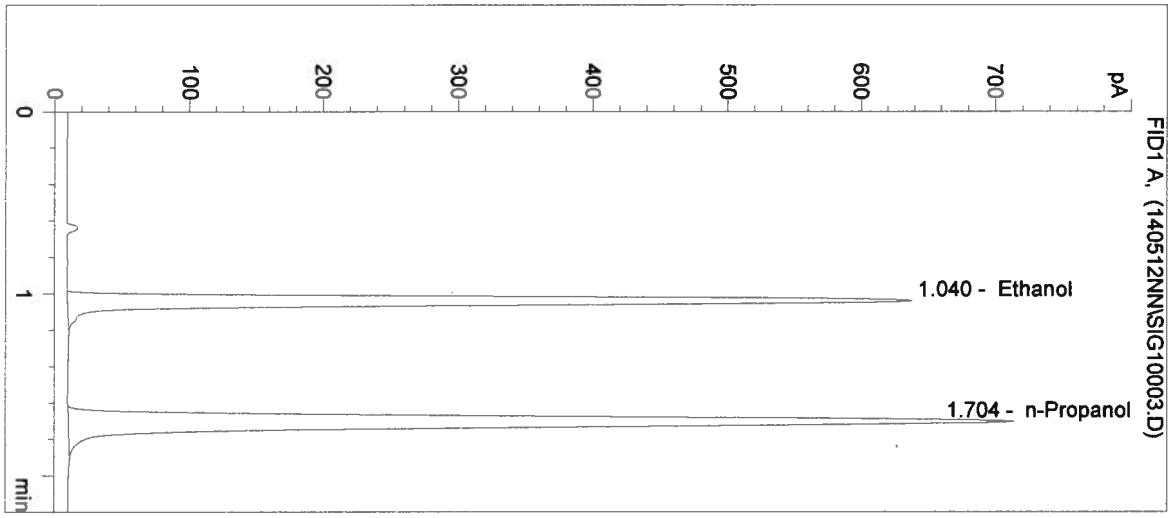


n-Propanol 0.012 g/100mL

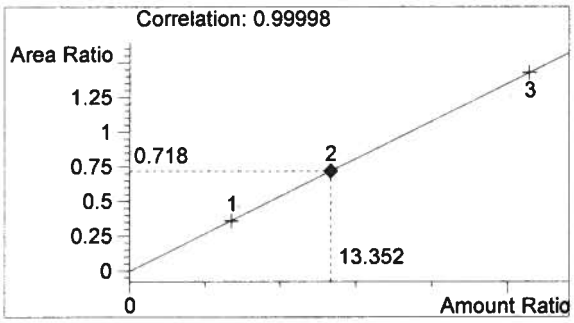
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:32:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

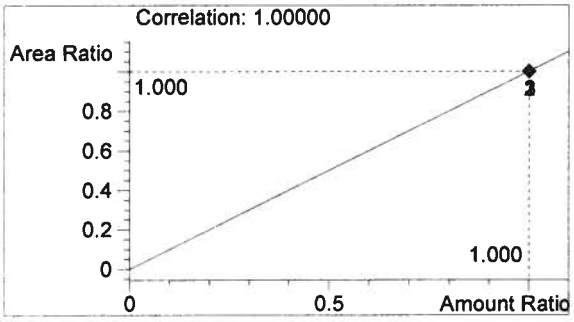


#	Compound	Peak Area	RT (min)
1	Ethanol	2007	1.040
2	n-Propanol	2793	1.704



Ethanol 0.160 g/100mL

14015

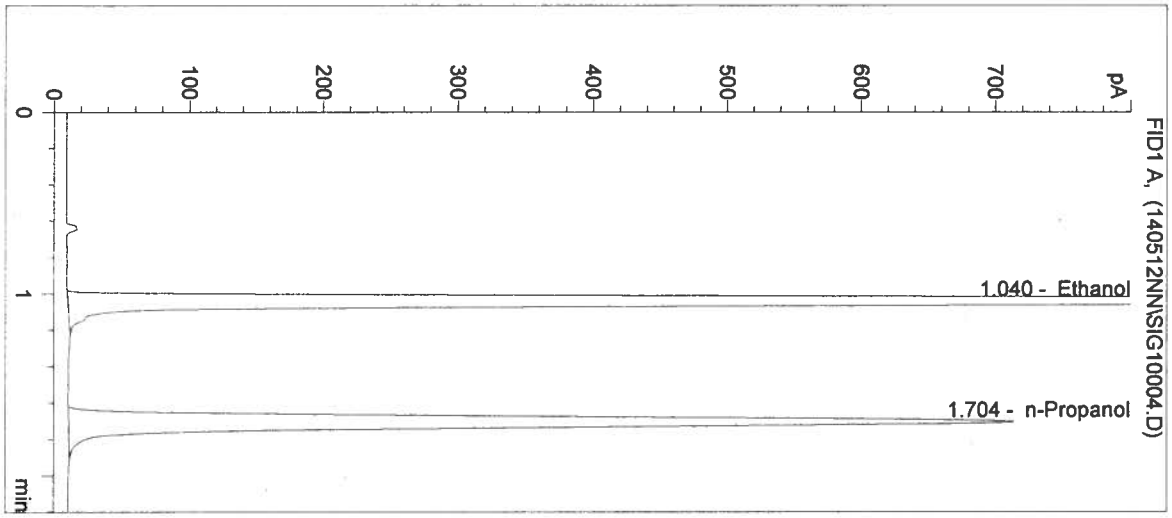


n-Propanol 0.012 g/100mL

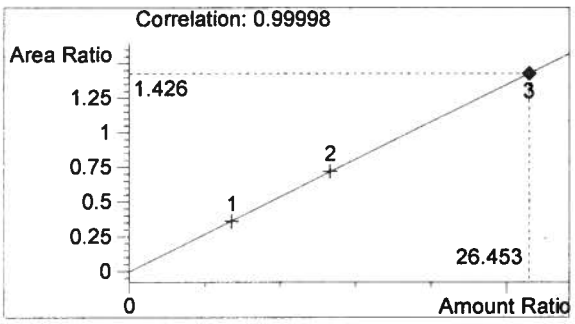
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:35:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

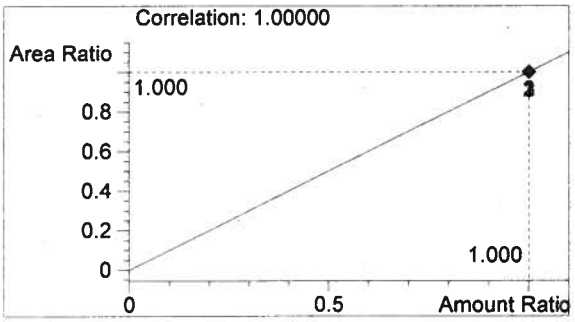


#	Compound	Peak Area	RT (min)
1	Ethanol	3978	1.040
2	n-Propanol	2789	1.704



Ethanol 0.317 g/100mL

14015



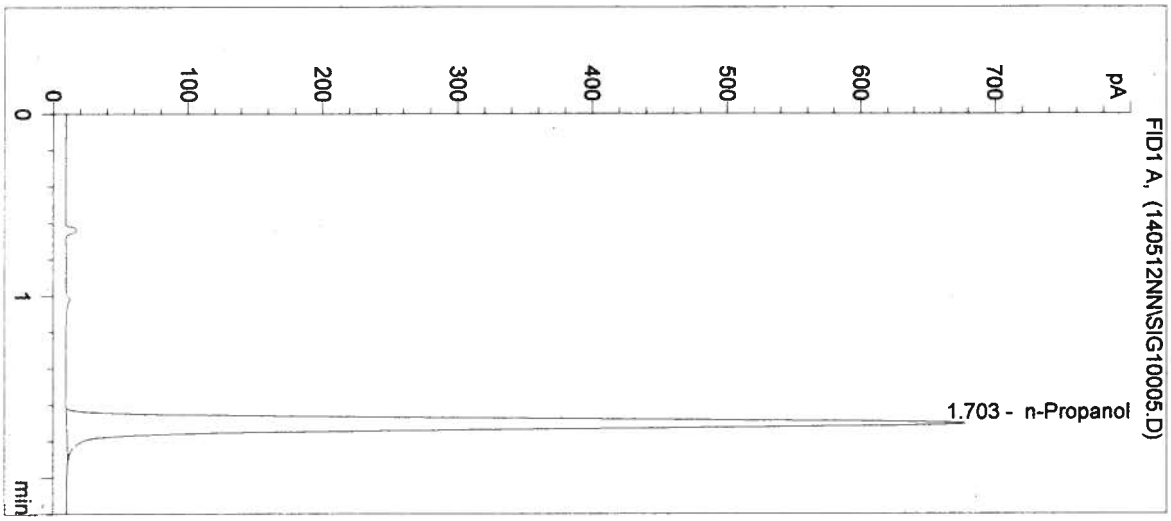
n-Propanol 0.012 g/100mL

N/N

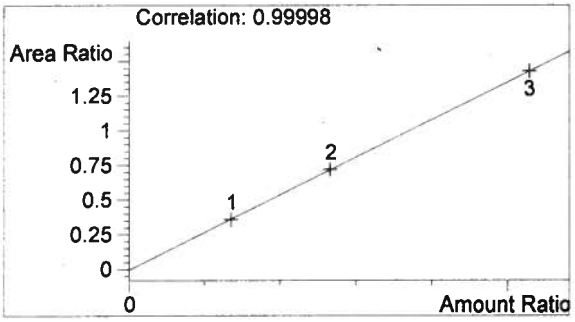
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:38:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Naziha Nuwayhid, PhD
Location: Vial 5

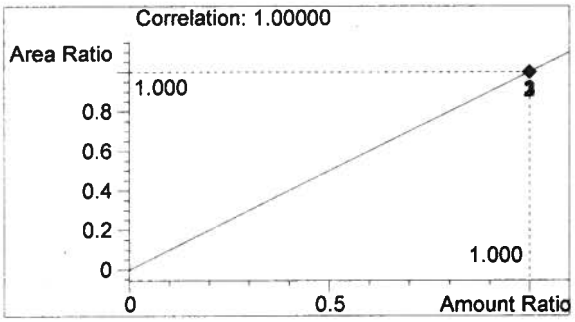


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2654	1.703



Ethanol 0.000 g/100mL

14015



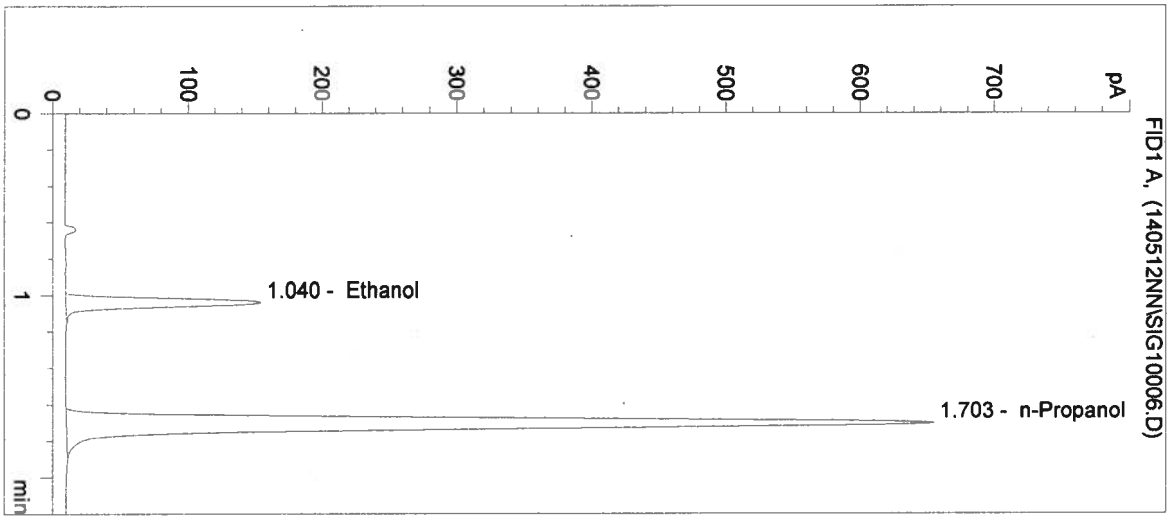
n-Propanol 0.012 g/100mL

NW

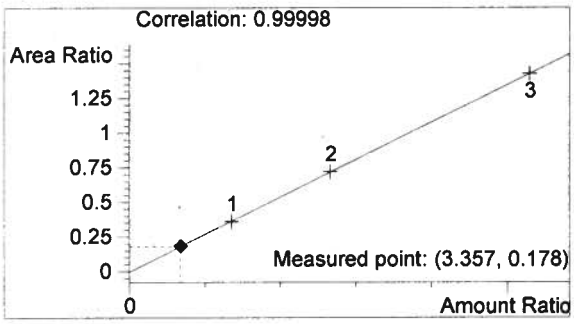
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:41:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

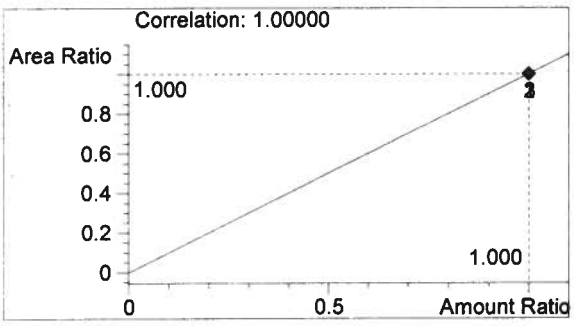


#	Compound	Peak Area	RT (min)
1	Ethanol	457	1.040
2	n-Propanol	2561	1.703



Ethanol 0.040 g/100mL

14015



n-Propanol 0.012 g/100mL

NW

Washington State Patrol Toxicology Laboratory
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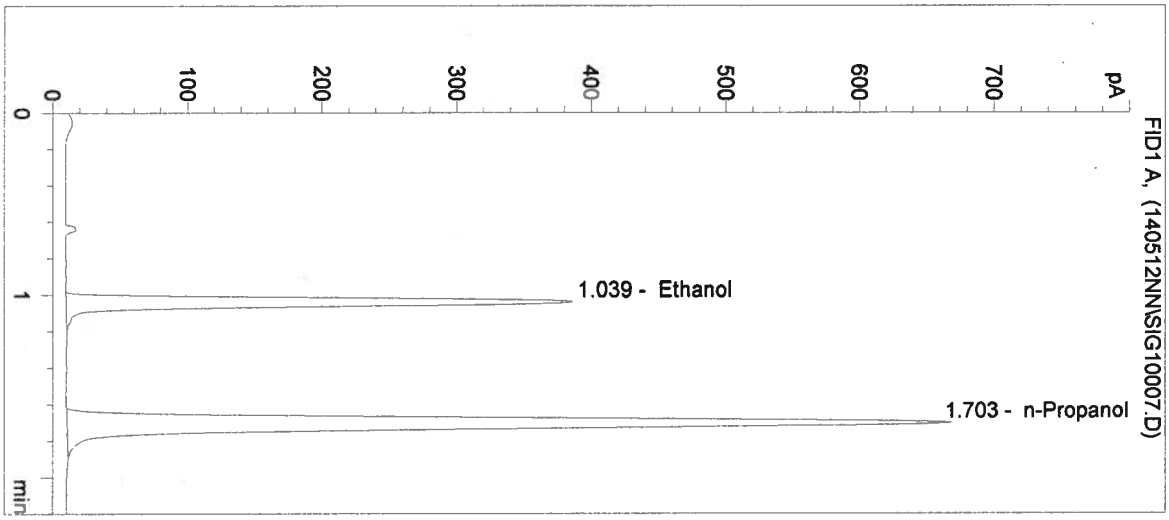
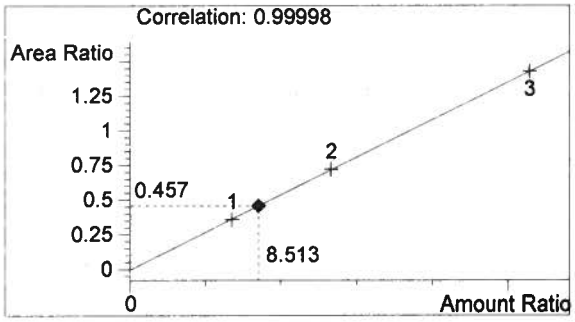
Inj. Date: 5/12/2014 3:44:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

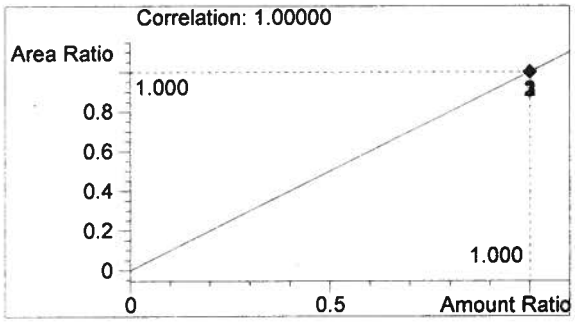


#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.039
2	n-Propanol	2614	1.703



Ethanol 0.102 g/100mL

14015



n-Propanol 0.012 g/100mL

NW

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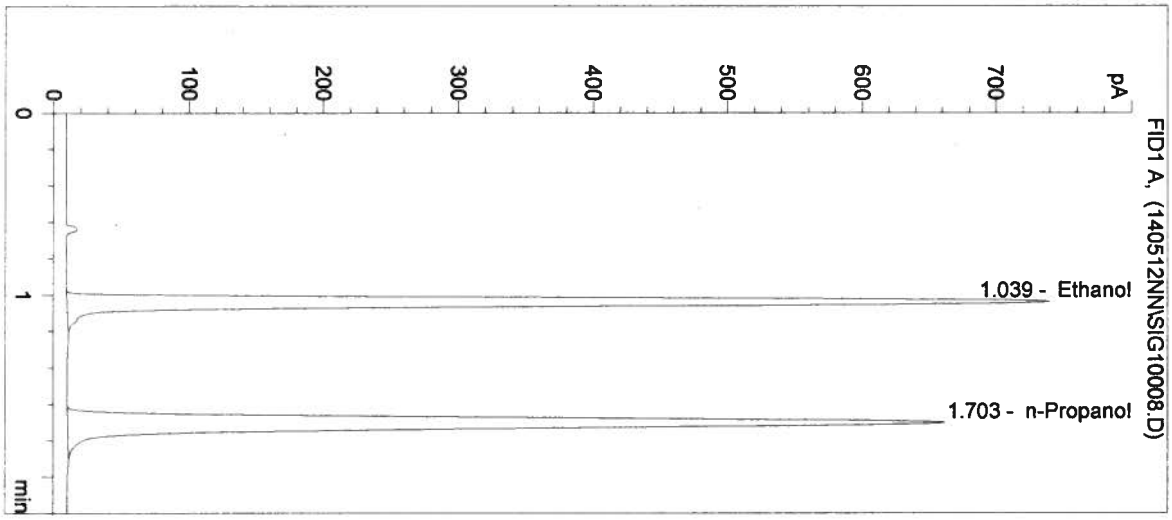
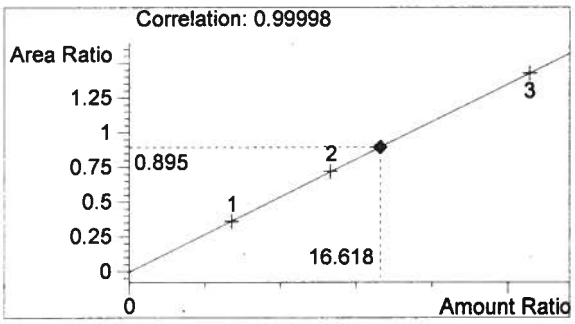
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:48:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

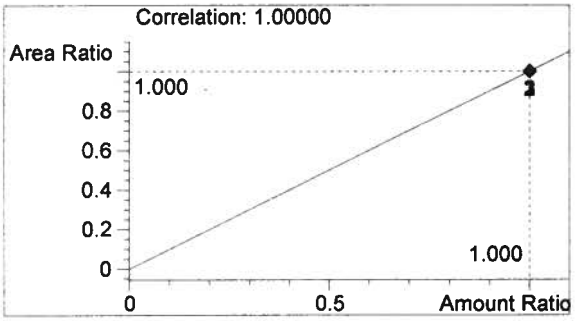


#	Compound	Peak Area	RT (min)
1	Ethanol	2316	1.039
2	n-Propanol	2588	1.703



Ethanol 0.199 g/100mL

14015



n-Propanol 0.012 g/100mL

NN

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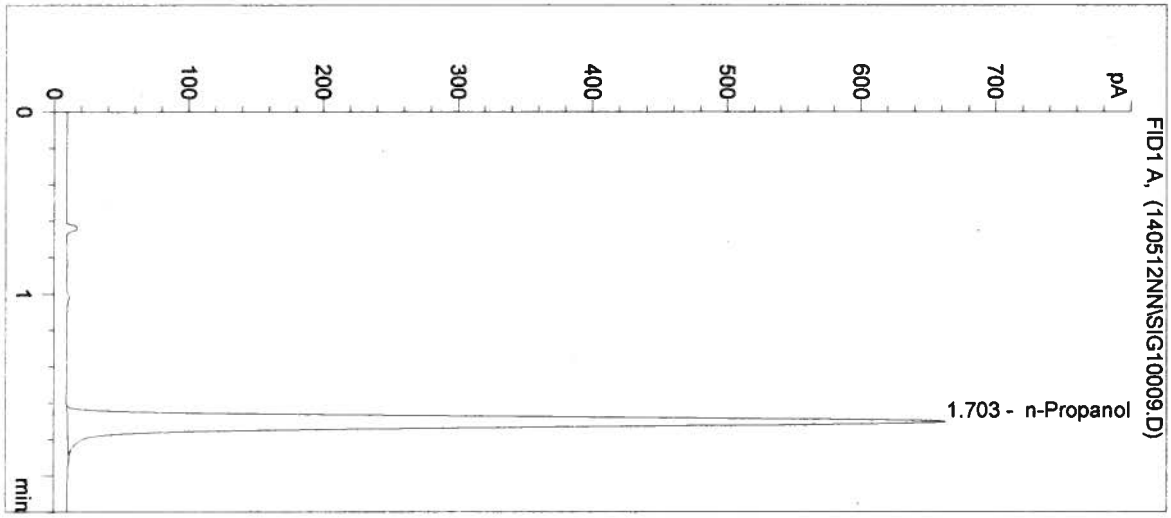
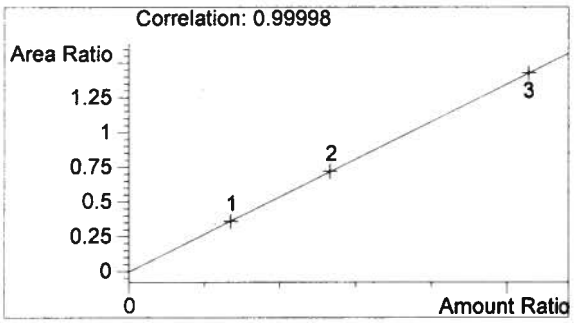
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:51:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Naziha Nuwayhid, PhD
Location: Vial 9

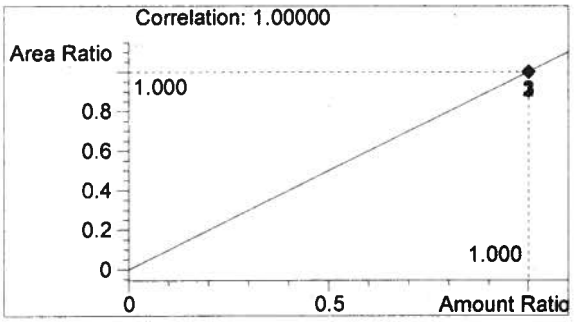


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2590	1.703



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

NV

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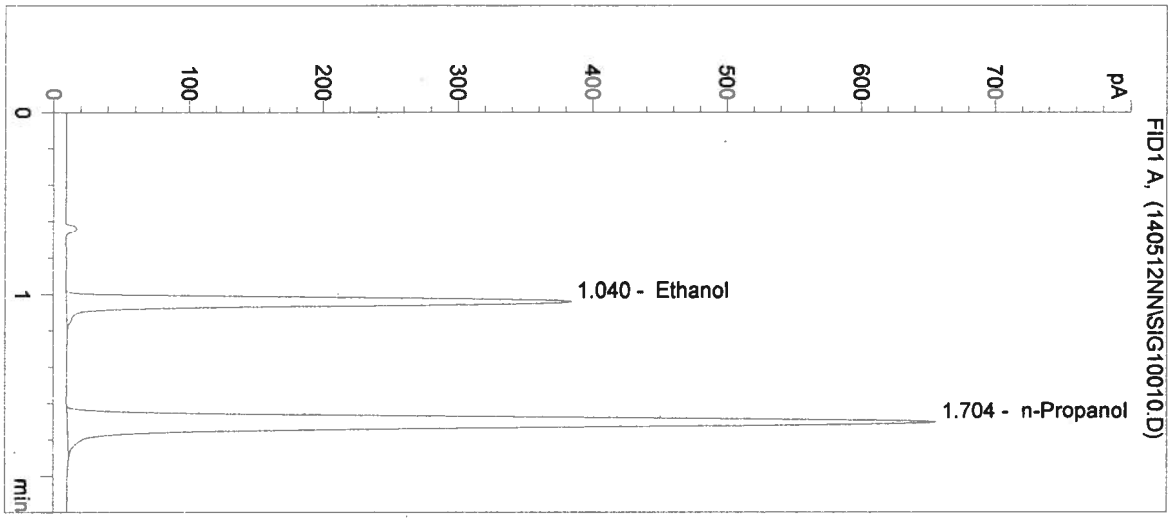
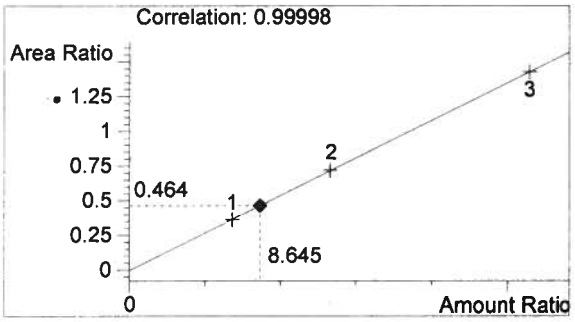
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:54:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

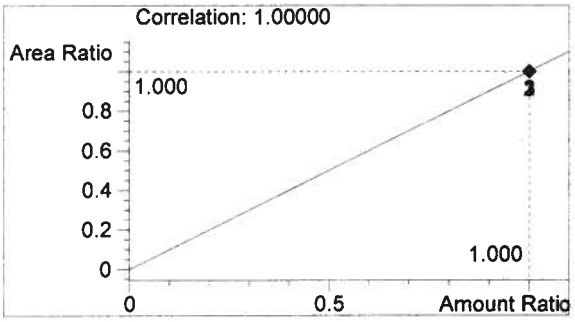
Sample Name: 14015 #1
Operator: Naziha Nuwayhid, PhD
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1190	1.040
2	n-Propanol	2565	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

NN

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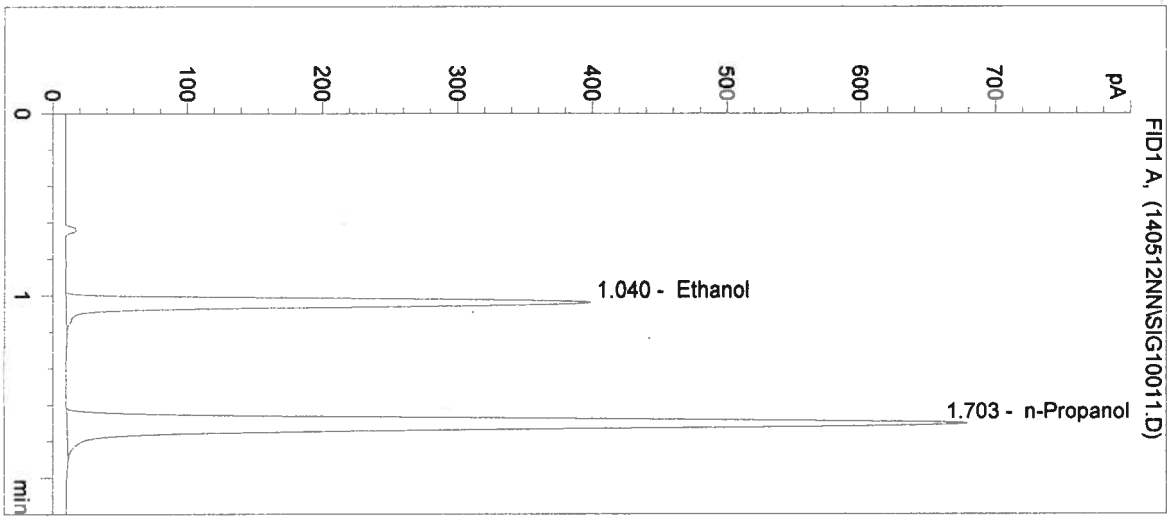
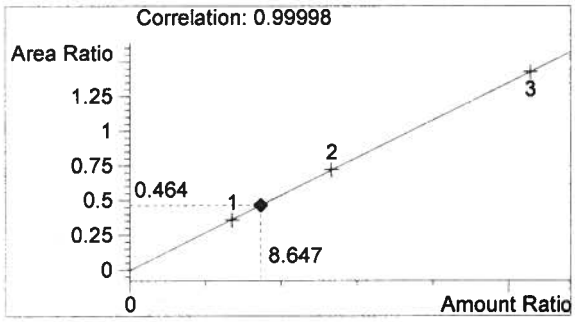
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 3:57:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

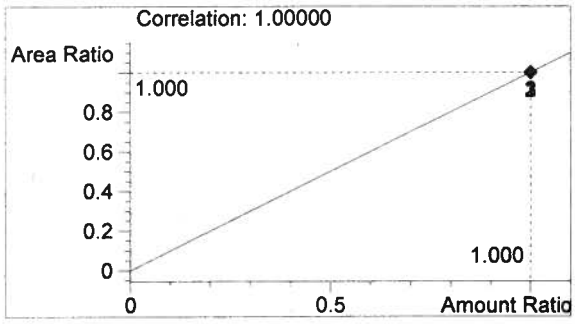
Sample Name: 14015 #2
Operator: Naziha Nuwayhid, PhD
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1237	1.040
2	n-Propanol	2665	1.703



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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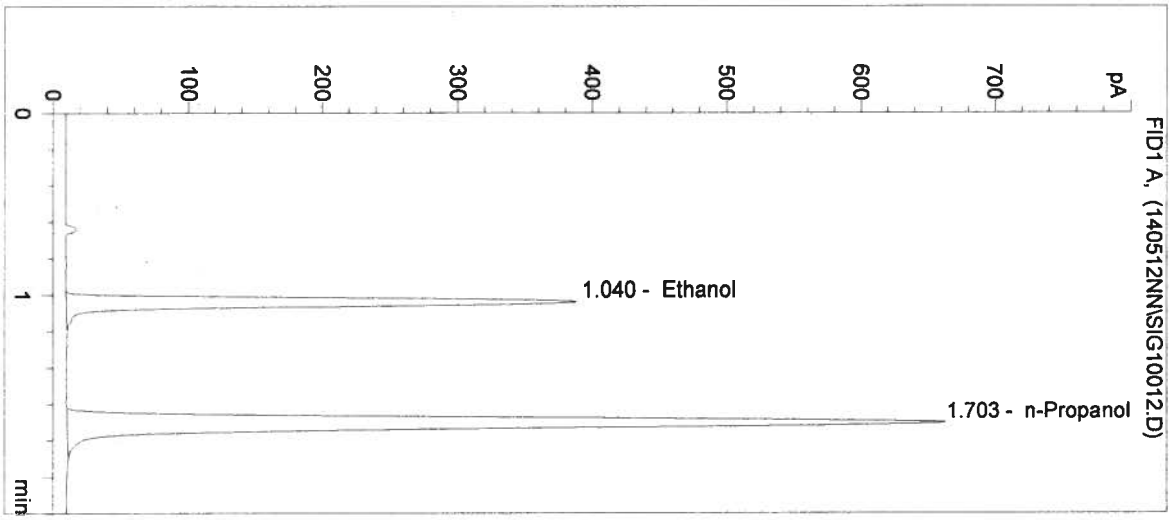
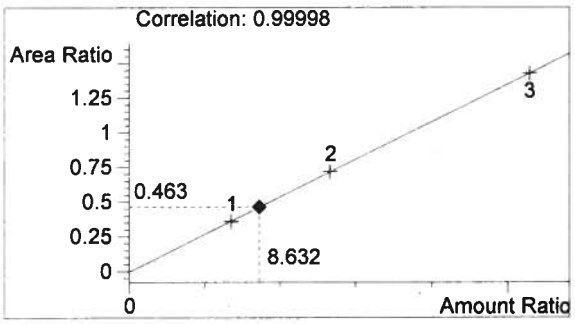
Inj. Date: 5/12/2014 4:00:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

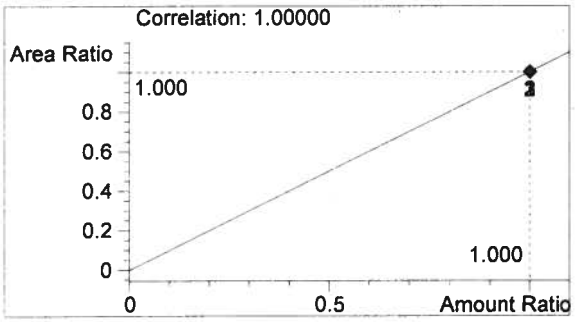
Sample Name: 14015 #3
Operator: Naziha Nuwayhid, PhD
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1201	1.040
2	n-Propanol	2593	1.703



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

NN

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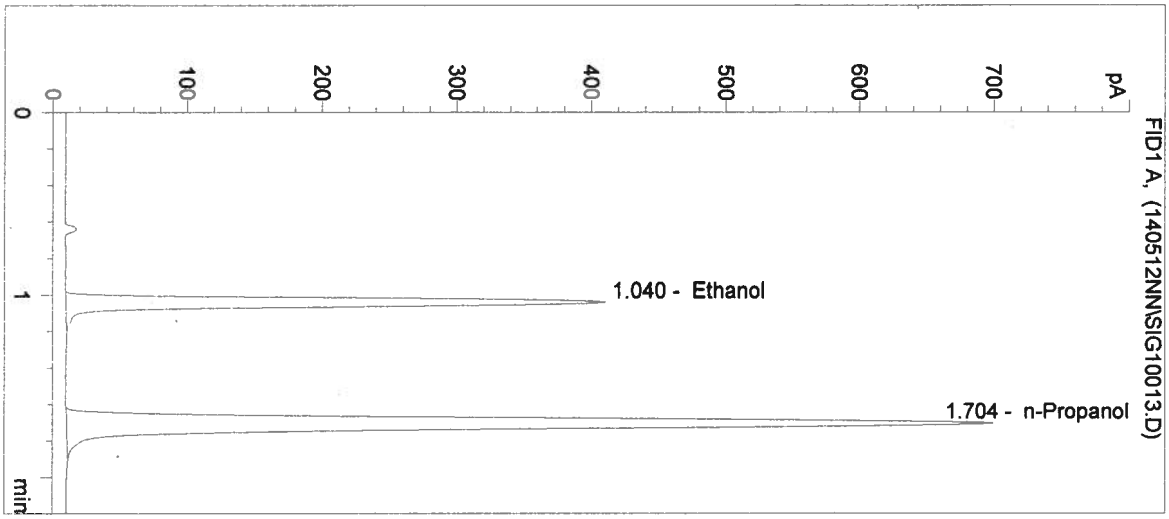
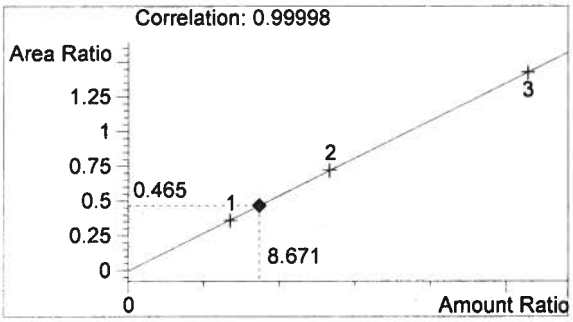
Inj. Date: 5/12/2014 4:03:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

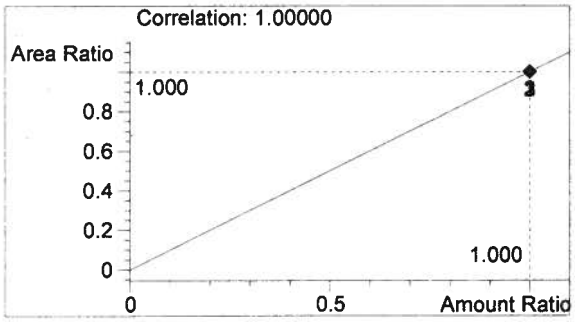
Sample Name: 14015 #4
Operator: Naziha Nuwayhid, PhD
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1276	1.040
2	n-Propanol	2741	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

NN

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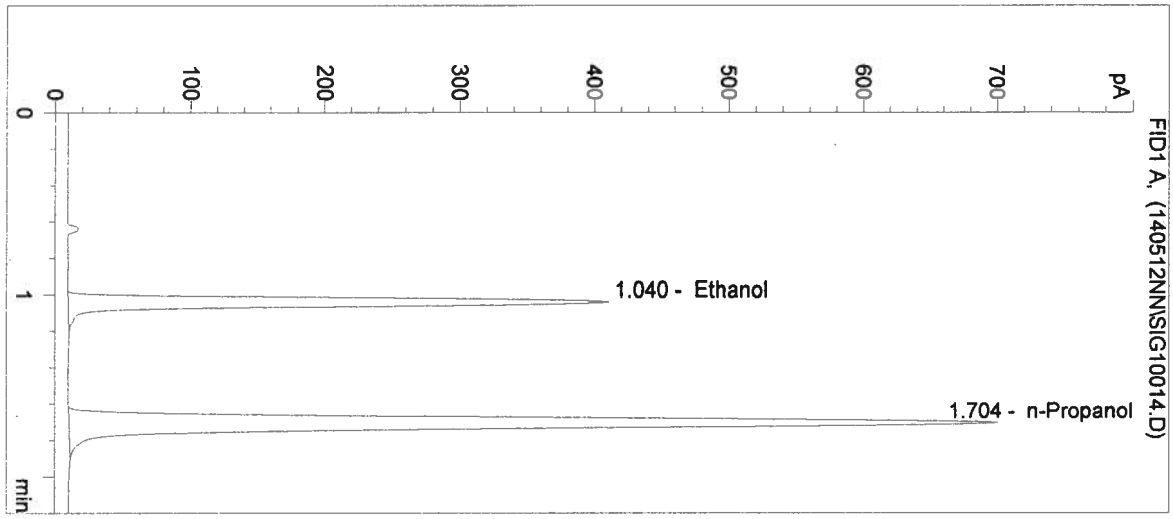
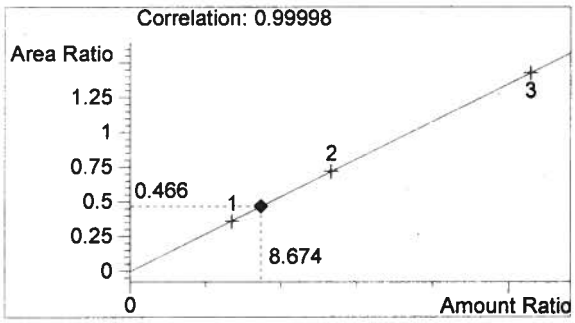
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 4:06:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

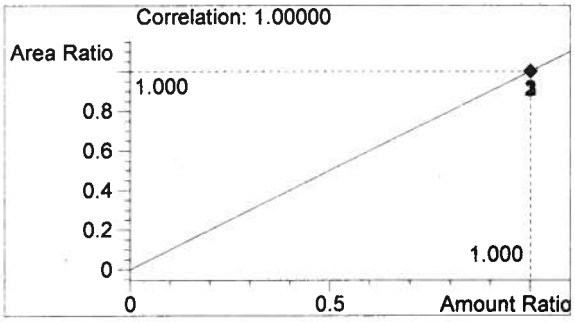
Sample Name: 14015 #5
Operator: Naziha Nuwayhid, PhD
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1276	1.040
2	n-Propanol	2742	1.704



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

NN

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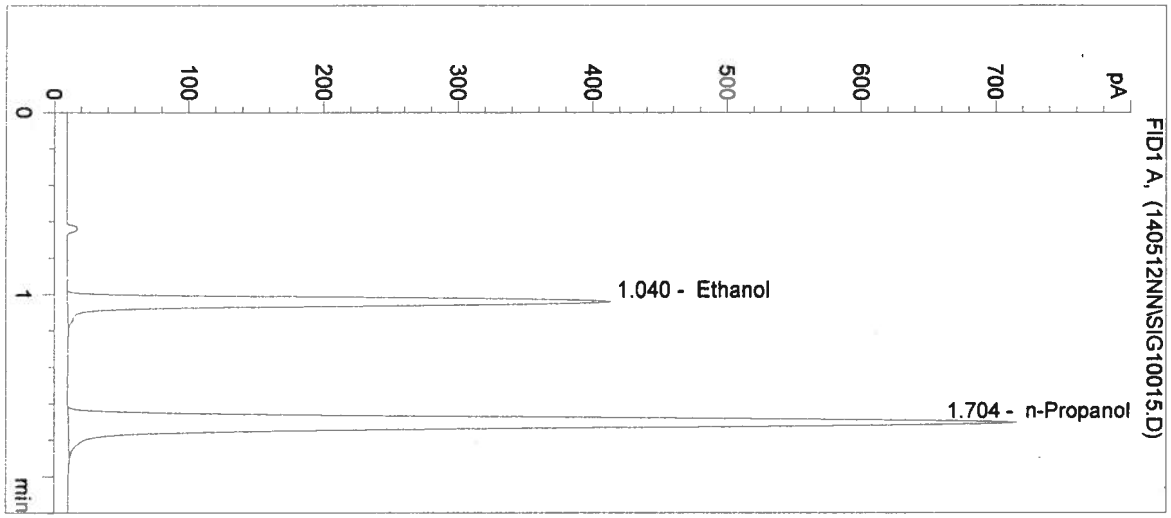
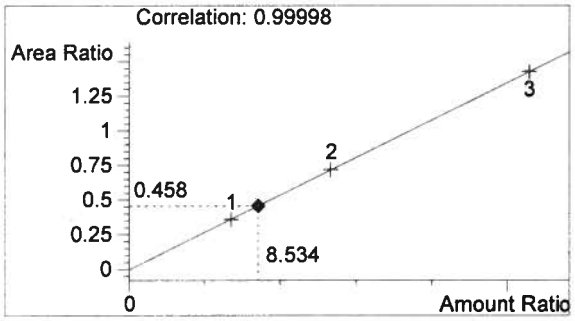
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 4:09:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

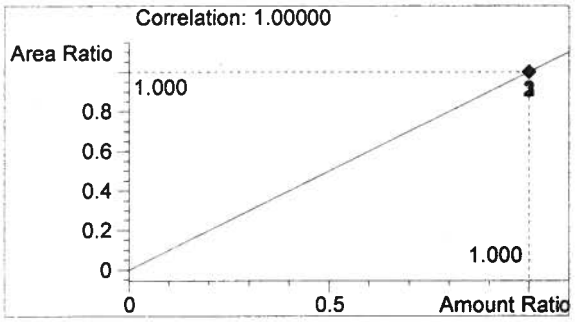


#	Compound	Peak Area	RT (min)
1	Ethanol	1285	1.040
2	n-Propanol	2805	1.704



Ethanol 0.102 g/100mL

14015



n-Propanol 0.012 g/100mL

NN

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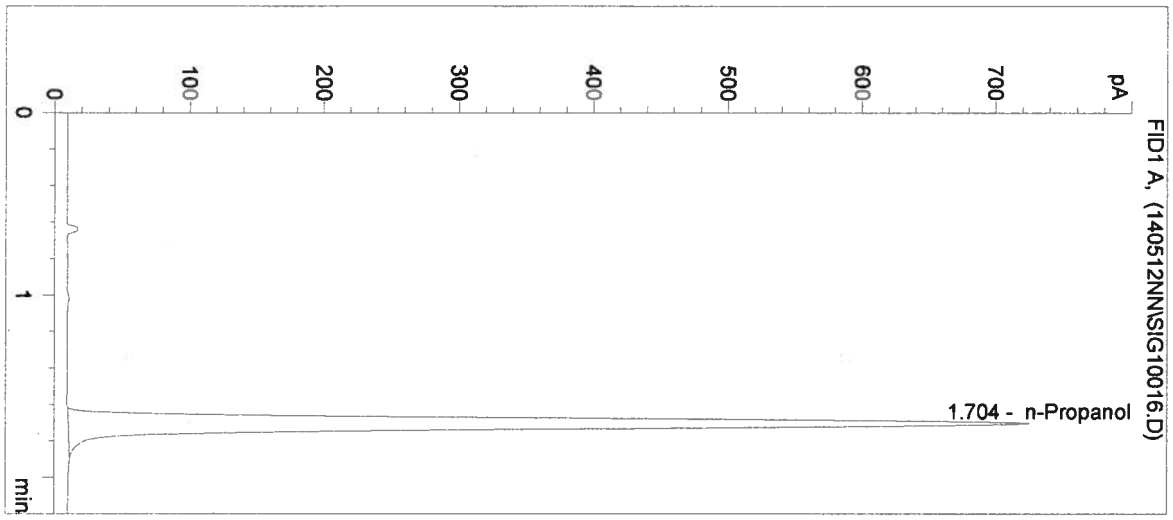
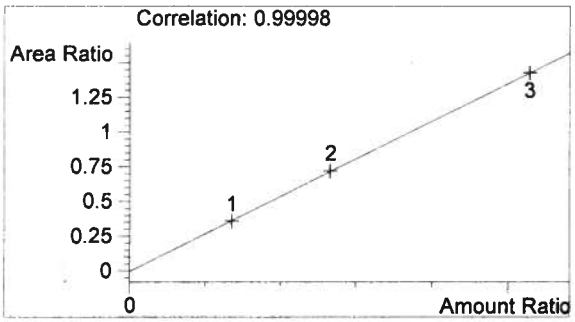
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/12/2014 4:12:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Naziha Nuwayhid, PhD
Location: Vial 16

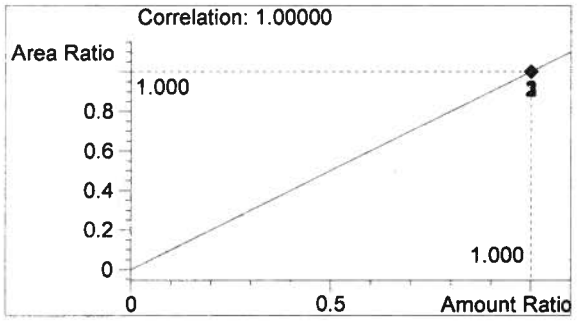


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2845	1.704



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

NN

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

Sequence Parameters:

Operator:	Amanda Chandler
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:	140519AC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079 g/100mL) - Lot#E0414-01 - Exp 10/15/2014
Cal 2 (0.158 g/100mL) - Lot#E0414-02 - Exp 10/15/2014
Cal 3 (0.316 g/100mL) - Lot#E0414-03 - Exp 10/15/2014

CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P0314 - Exp 6/24/2014

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	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	14015 #1	SIMALC1	1	Sample		
11	Vial 11	14015 #2	SIMALC1	1	Sample		
12	Vial 12	14015 #3	SIMALC1	1	Sample		
13	Vial 13	14015 #4	SIMALC1	1	Sample		
14	Vial 14	14015 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
~~16~~	~~Vial 16~~	~~Negative~~	~~SIMALC1~~	~~1~~	~~Ctrl Samp~~		

Vial placed in incorrect location, Sample run in Datapath 140519A3
AC 5/19/14

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	

AC

Sequence Table (Back Injector):

No entries - empty table!

14015

Sequence Parameters:

Operator:	Amanda Chandler
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:	140519A3
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E0414-01 - Exp 10/15/2014
Cal 2 (0.158 g/100mL) - Lot#E0414-02 - Exp 10/15/2014
Cal 3 (0.316 g/100mL) - Lot#E0414-03 - Exp 10/15/2014

CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P0314 - Exp 6/24/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval

Sequence Table (Back Injector):

No entries - empty table!

14015

OC

Calibration Table

Calib. Data Modified : Monday, May 19, 2014 9:20:20 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.039	1	1	8.12400e-2	860.66376	9.43923e-5	1		Ethanol
		2	1.59860e-1	1693.25464	9.44099e-5			
		3	3.17330e-1	3381.89941	9.38319e-5			
1.702	1	1	1.20000e-2	2396.79639	5.00668e-6	I1		n-Propanol
		2	1.20000e-2	2408.32568	4.98271e-6			
		3	1.20000e-2	2417.05859	4.96471e-6			

Peak Sum Table

No Entries in table

14015

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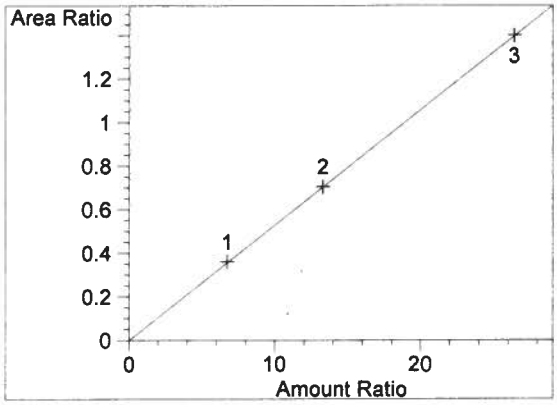
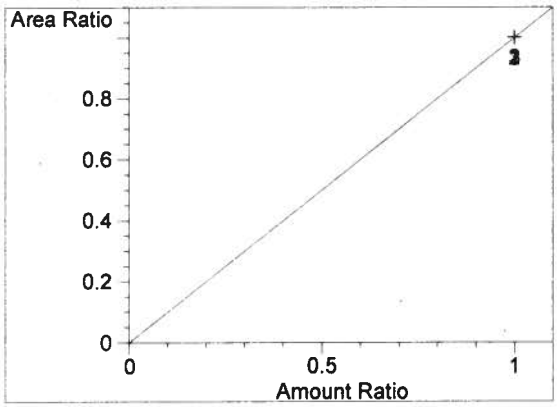
Calibration Curves

==========



Ethanol at exp. RT: 1.039
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00134
Formula: y = mx + b
m: 5.28916e-2
b: -2.50457e-7
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.702
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

==========

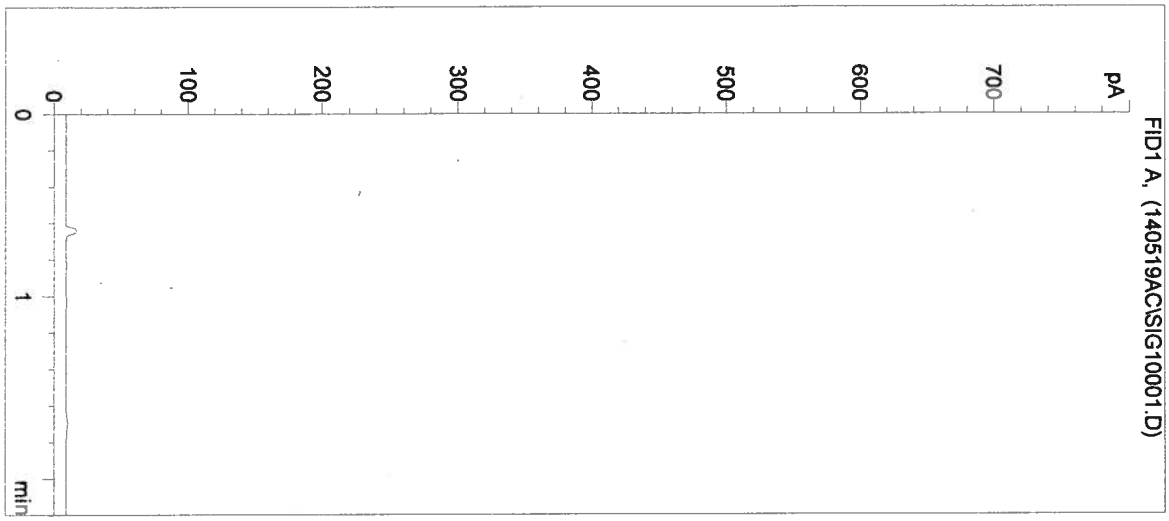
14015

OVC

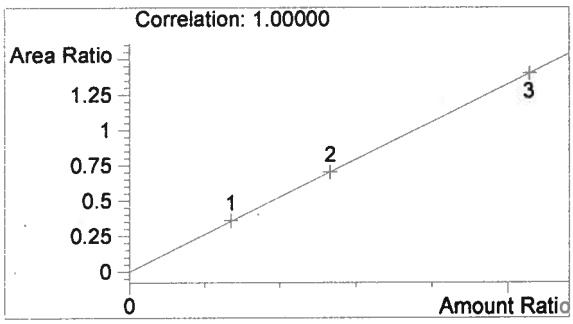
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:08:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1

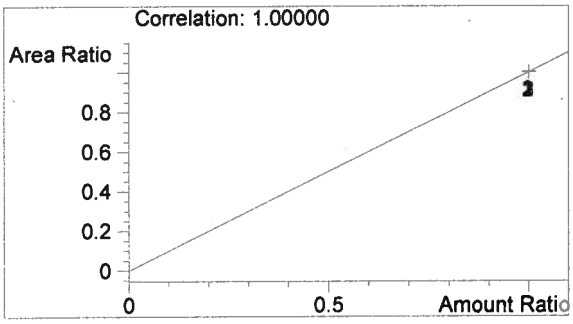


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

14015



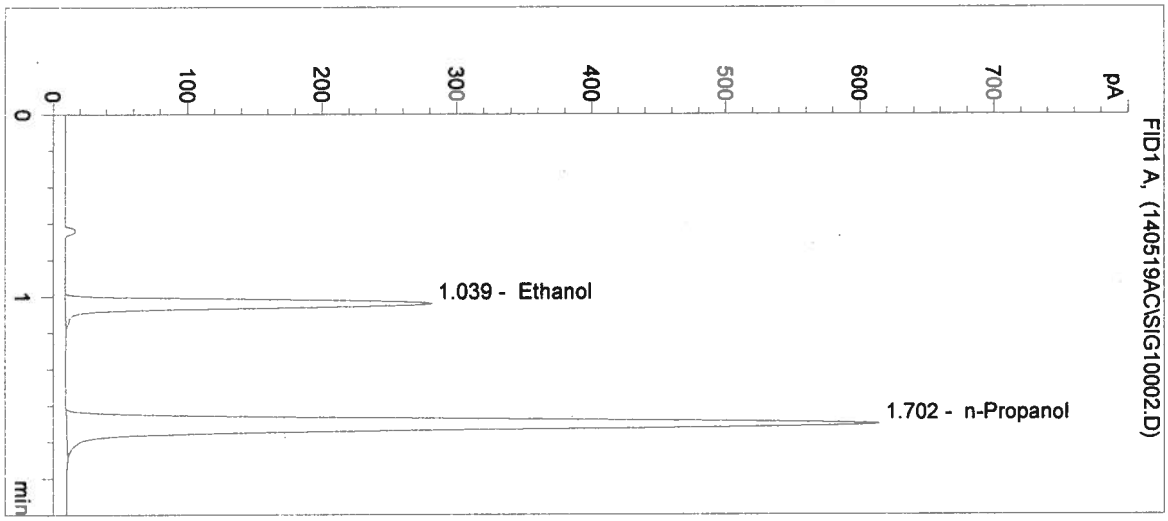
n-Propanol 0.000 g/100mL

AC

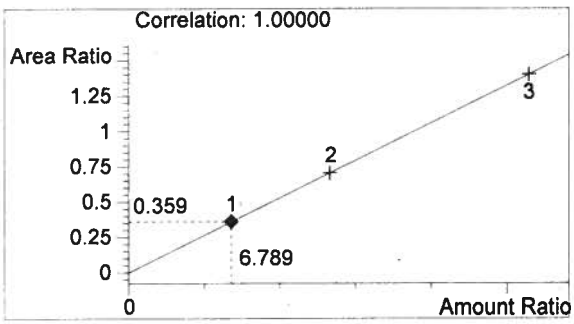
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:11:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Amanda Chandler
Location: Vial 2

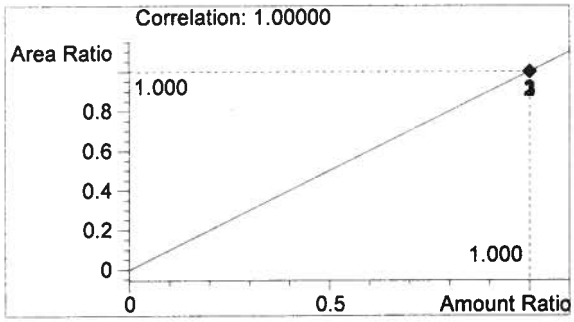


#	Compound	Peak Area	RT (min)
1	Ethanol	861	1.039
2	n-Propanol	2397	1.702



Ethanol 0.081 g/100mL

14015



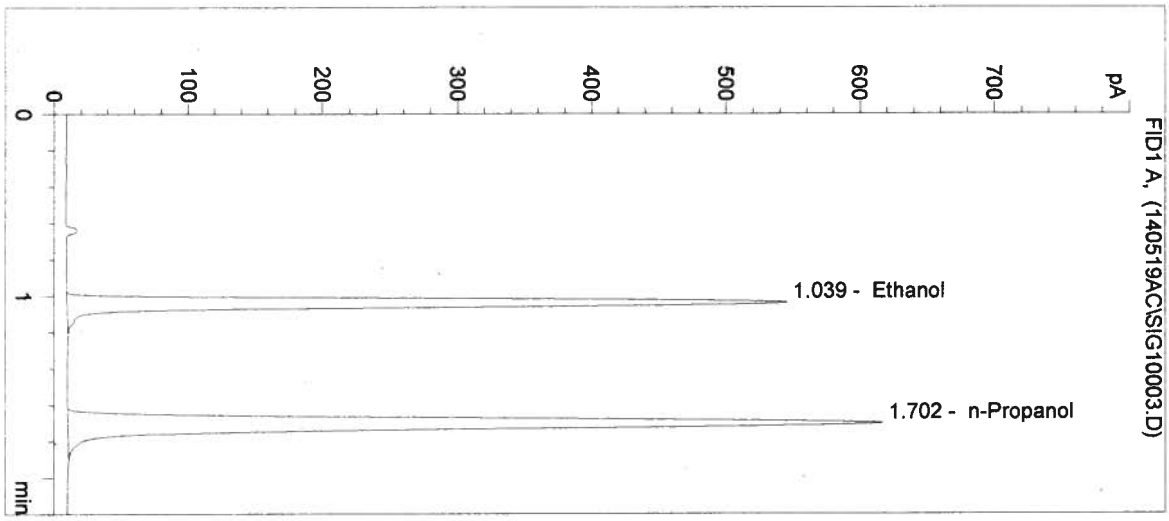
n-Propanol 0.012 g/100mL

AC

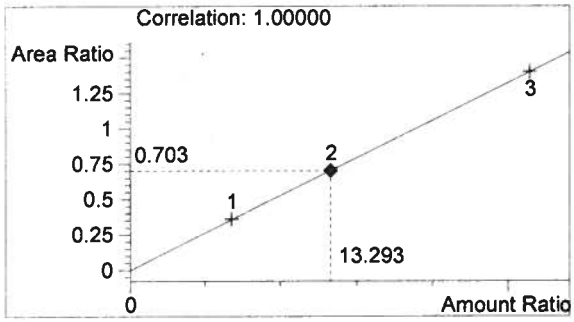
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:15:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Amanda Chandler
Location: Vial 3

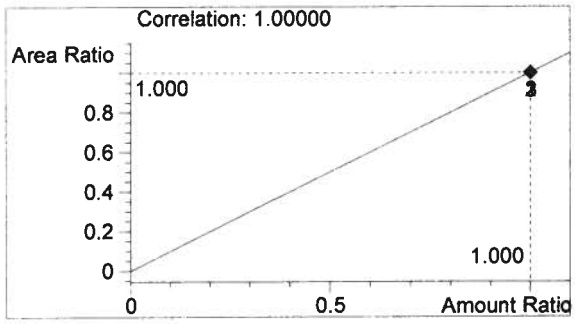


#	Compound	Peak Area	RT (min)
1	Ethanol	1693	1.039
2	n-Propanol	2408	1.702



Ethanol 0.160 g/100mL

14015



n-Propanol 0.012 g/100mL

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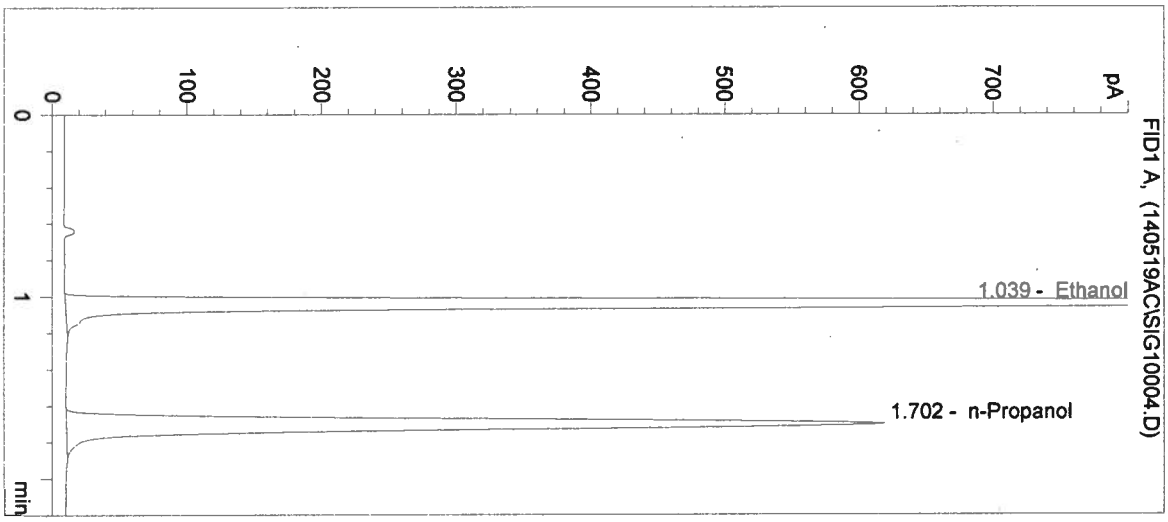
ac

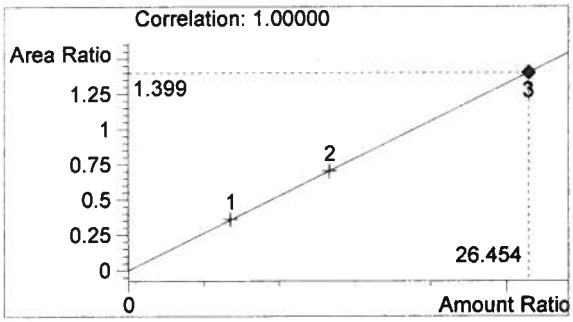
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:18:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.316 CAL 3
Operator: Amanda Chandler
Location: Vial 4

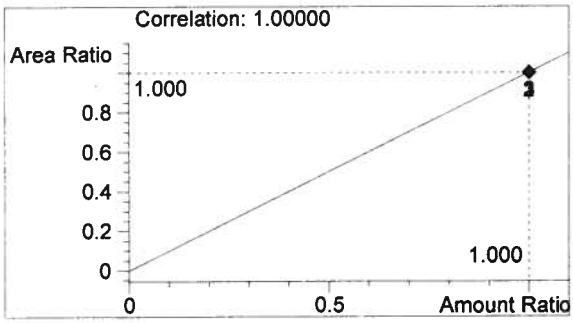


#	Compound	Peak Area	RT (min)
1	Ethanol	3382	1.039
2	n-Propanol	2417	1.702



Ethanol 0.317 g/100mL

14015

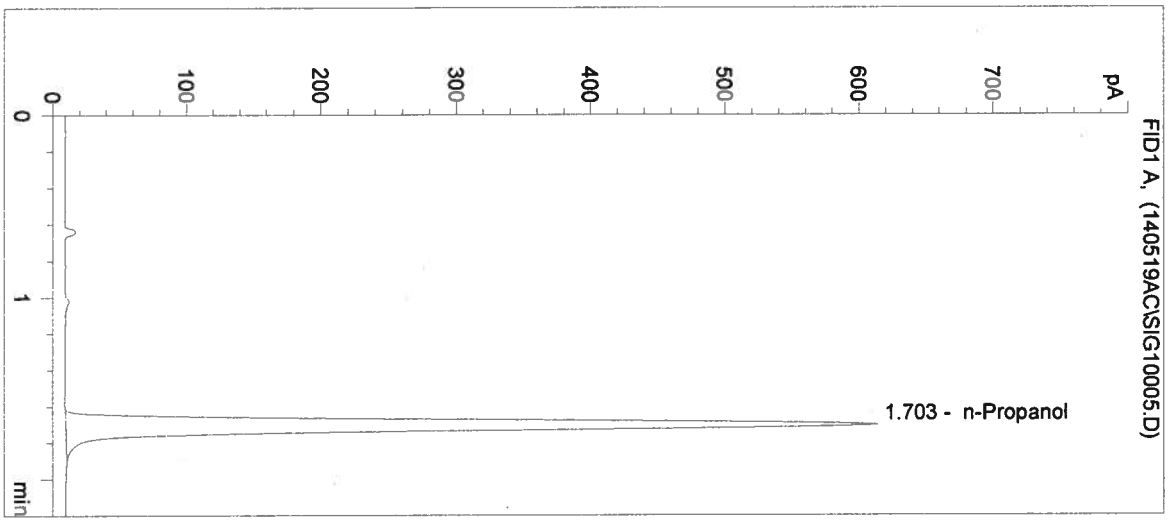


n-Propanol 0.012 g/100mL

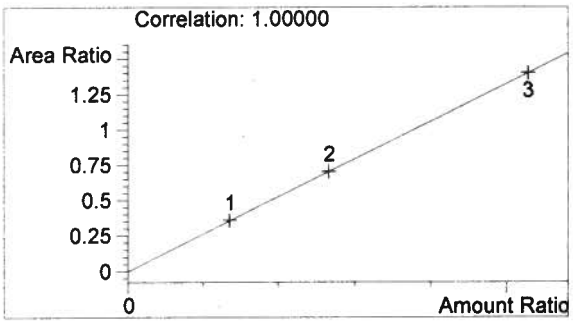
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:21:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Amanda Chandler
Location: Vial 5

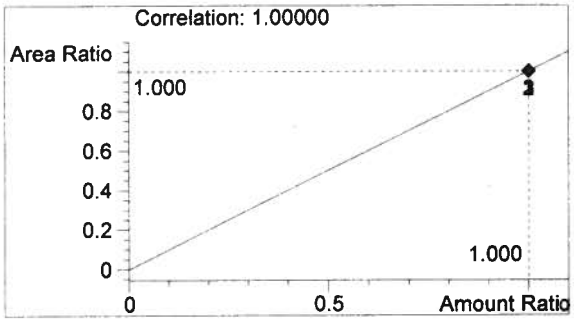


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2405	1.703



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

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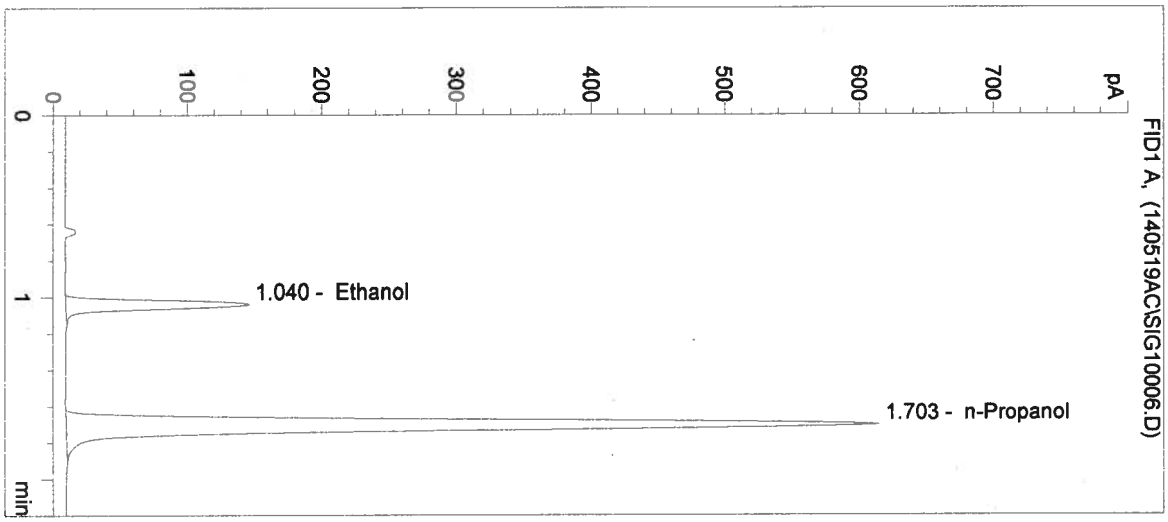
pc

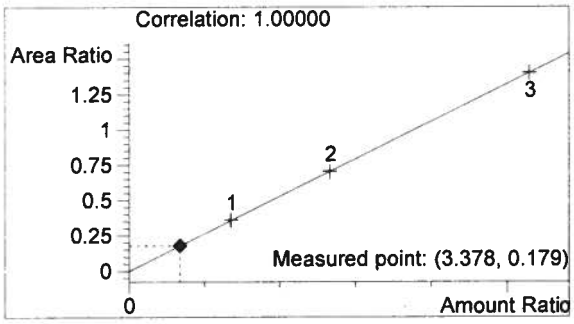
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:24:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 Ctrl
Operator: Amanda Chandler
Location: Vial 6

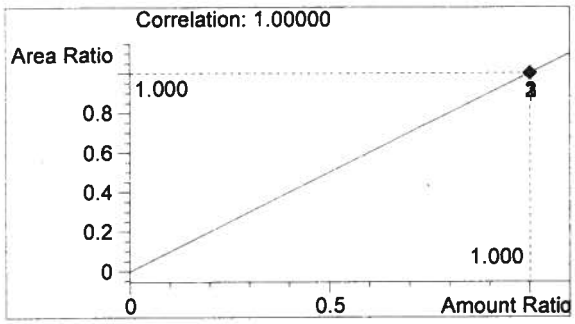


#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.040
2	n-Propanol	2402	1.703



Ethanol 0.041 g/100mL

14015

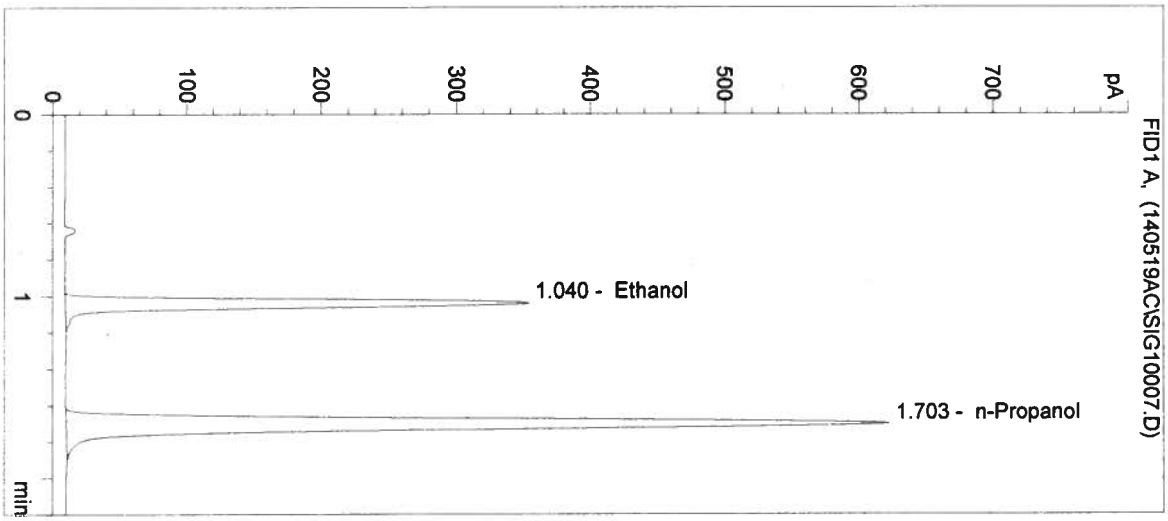


n-Propanol 0.012 g/100mL

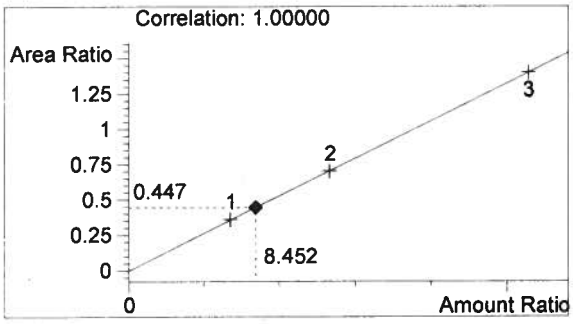
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:27:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Amanda Chandler
Location: Vial 7

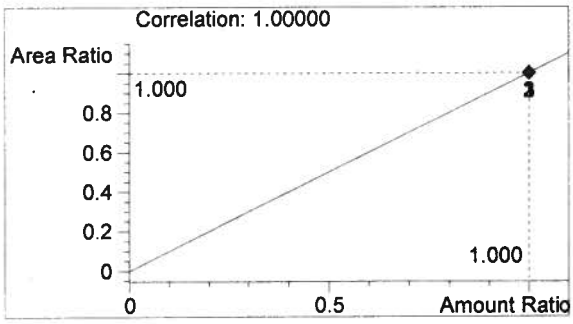


#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.040
2	n-Propanol	2432	1.703



Ethanol 0.101 g/100mL

14015

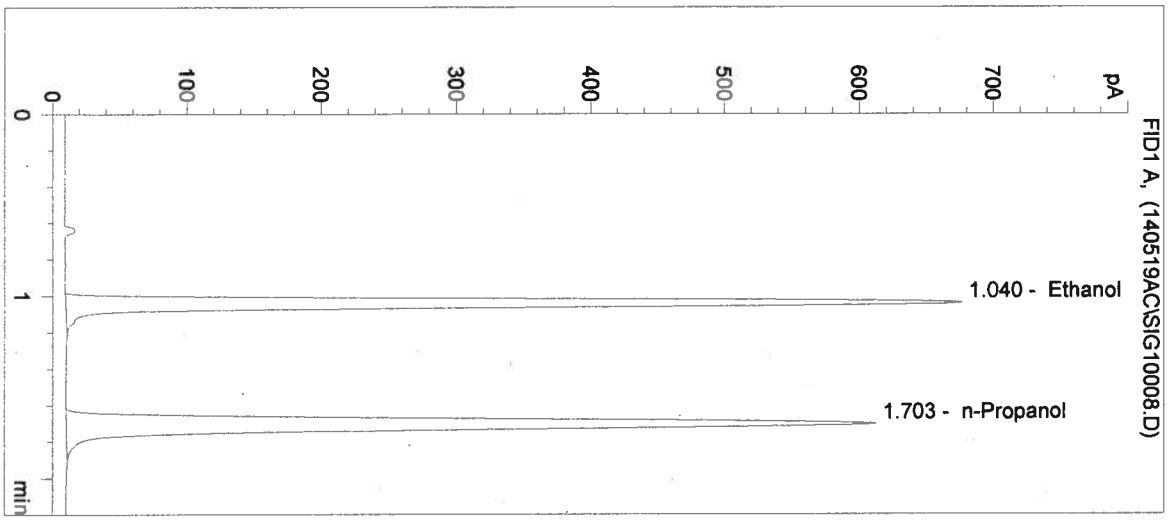


n-Propanol 0.012 g/100mL

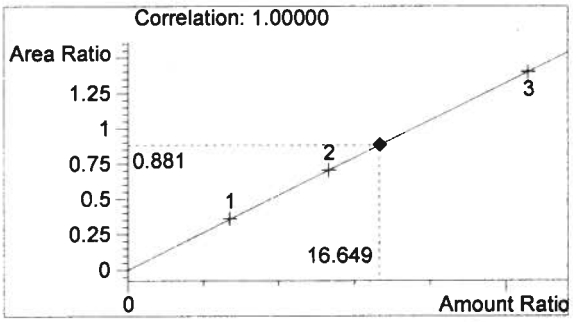
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:30:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 Ctrl
Operator: Amanda Chandler
Location: Vial 8

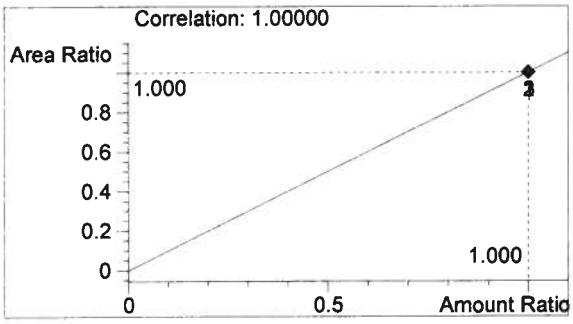


#	Compound	Peak Area	RT (min)
1	Ethanol	2113	1.040
2	n-Propanol	2399	1.703



Ethanol 0.200 g/100mL

14015



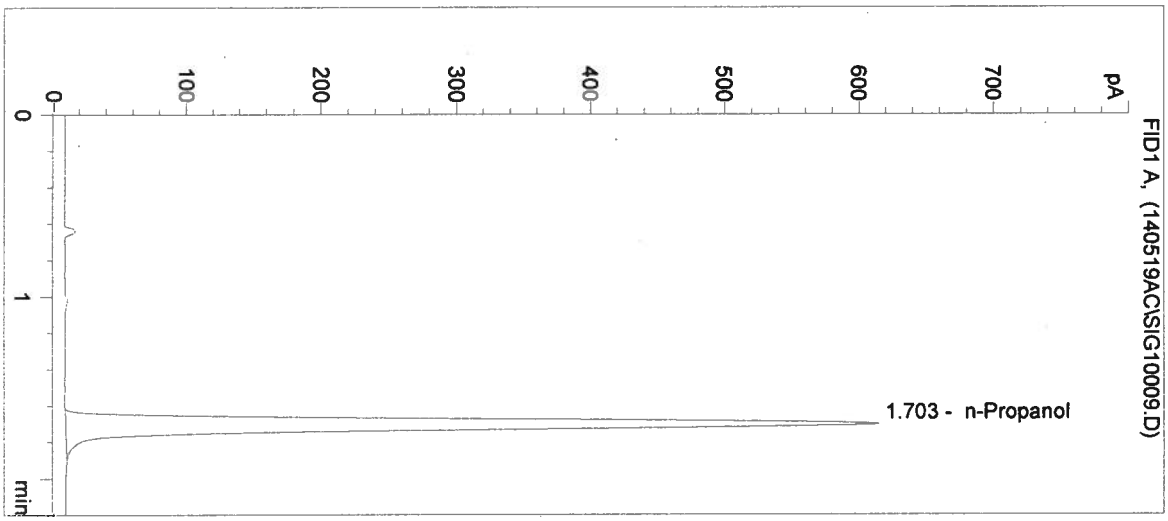
n-Propanol 0.012 g/100mL

AC

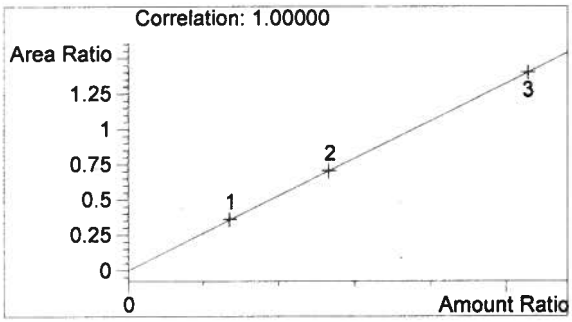
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:33:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Amanda Chandler
Location: Vial 9

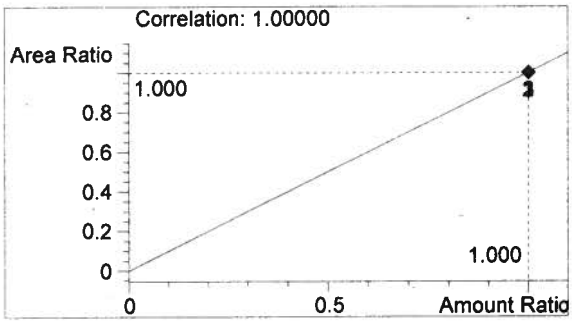


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2402	1.703



Ethanol 0.000 g/100mL

14015



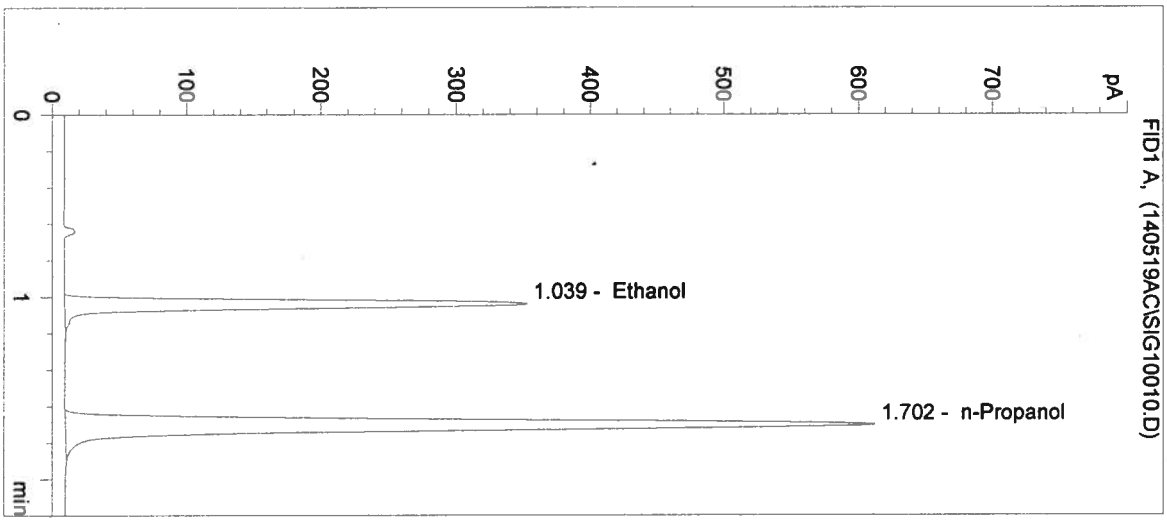
n-Propanol 0.012 g/100mL

AC

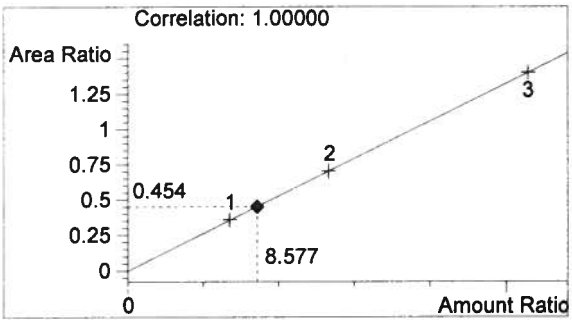
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:36:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

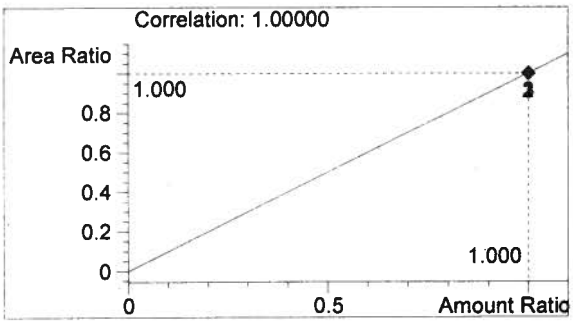
Sample Name: 14015 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1087	1.039
2	n-Propanol	2396	1.702



Ethanol 0.103 g/100mL



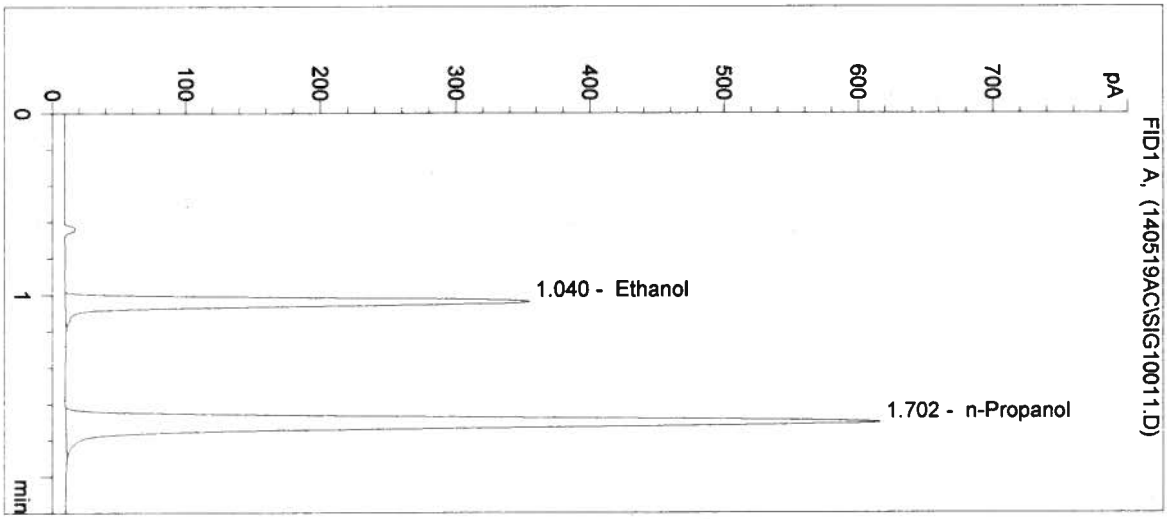
n-Propanol 0.012 g/100mL

AC

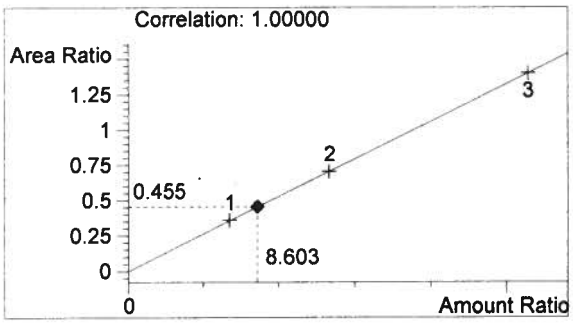
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:39:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

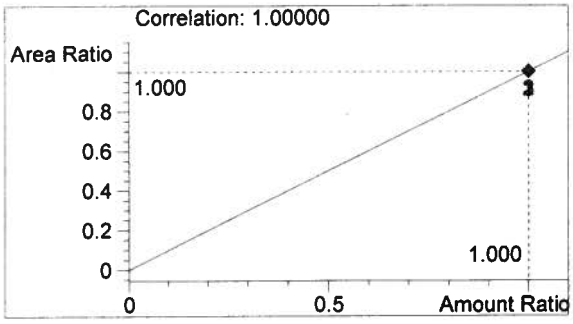
Sample Name: 14015 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.040
2	n-Propanol	2405	1.702



Ethanol 0.103 g/100mL



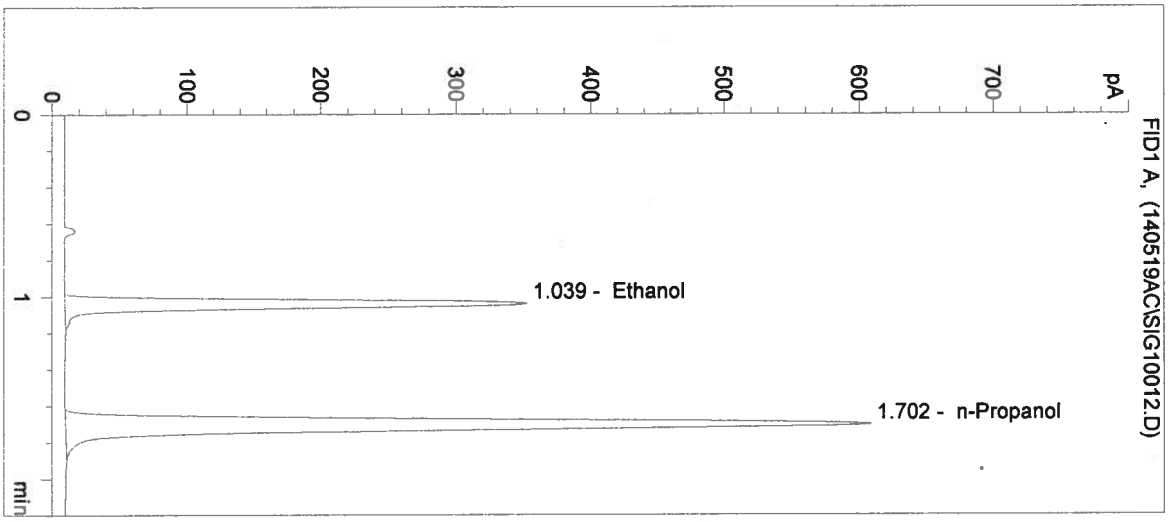
n-Propanol 0.012 g/100mL

AC

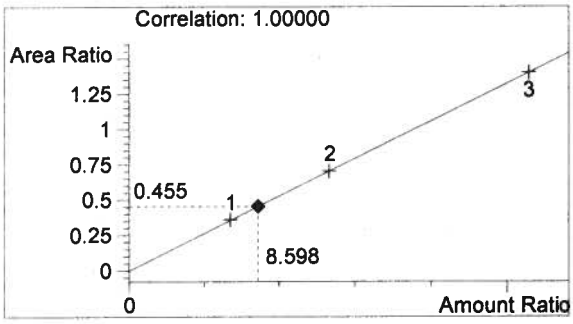
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:42:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

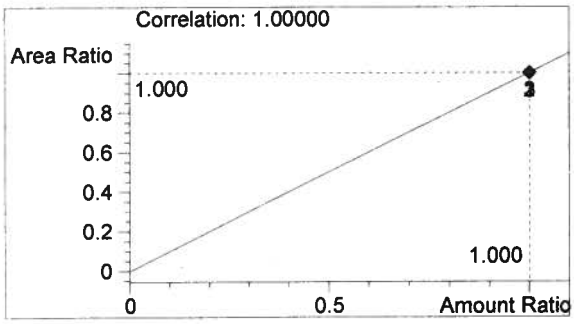
Sample Name: 14015 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1080	1.039
2	n-Propanol	2376	1.702



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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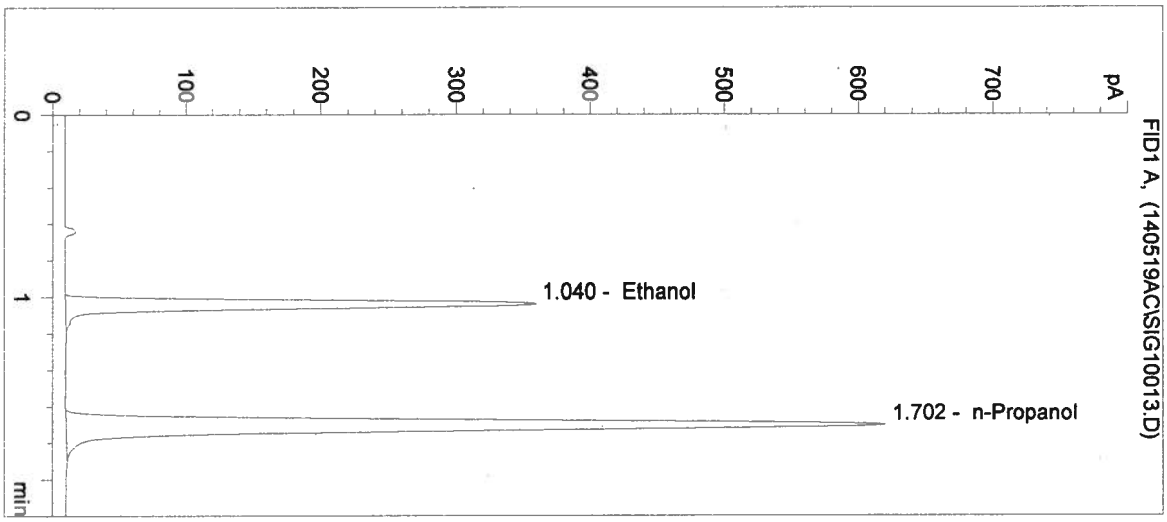
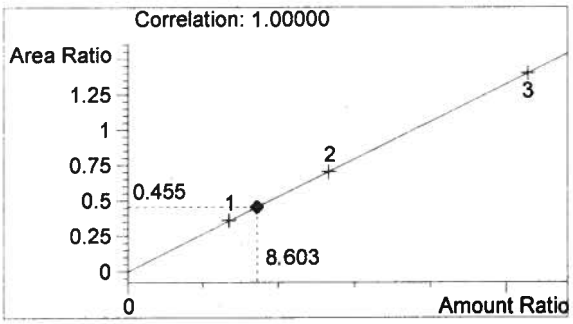
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:45:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

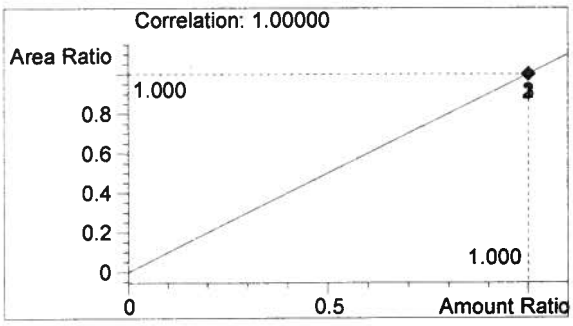
Sample Name: 14015 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.040
2	n-Propanol	2426	1.702



Ethanol 0.103 g/100mL



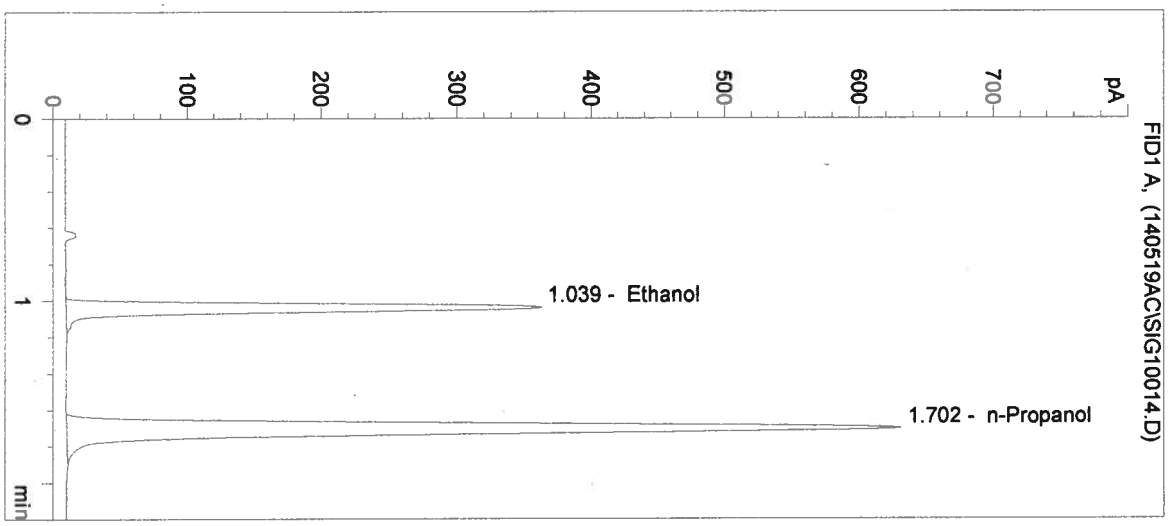
n-Propanol 0.012 g/100mL

DVC

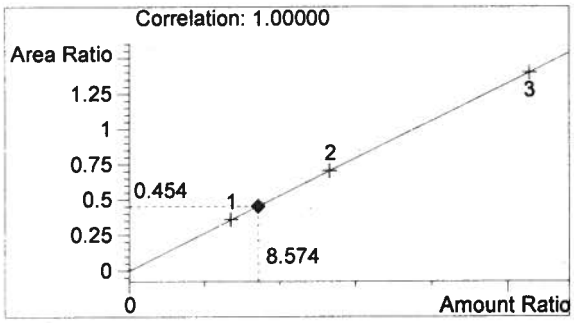
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:48:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

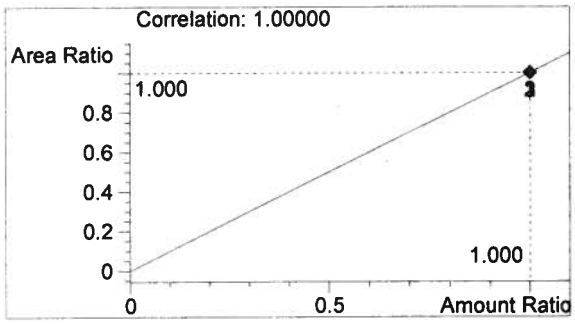
Sample Name: 14015 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.039
2	n-Propanol	2464	1.702



Ethanol 0.103 g/100mL



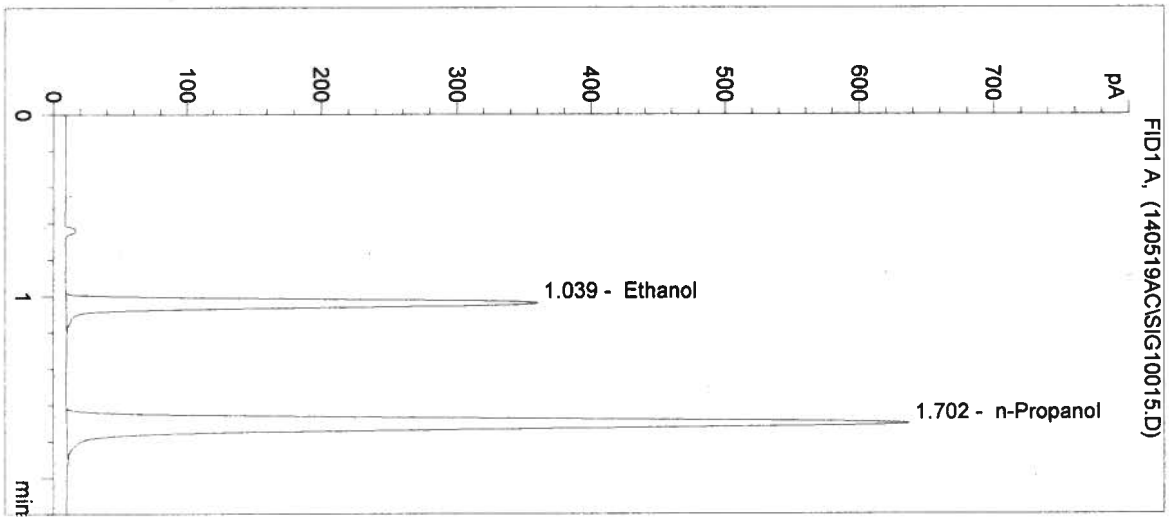
n-Propanol 0.012 g/100mL

AC

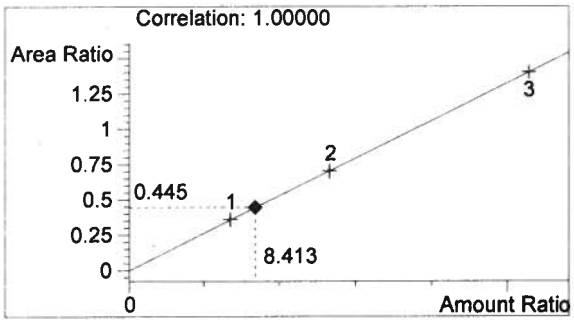
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 9:52:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 Ctrl
Operator: Amanda Chandler
Location: Vial 15

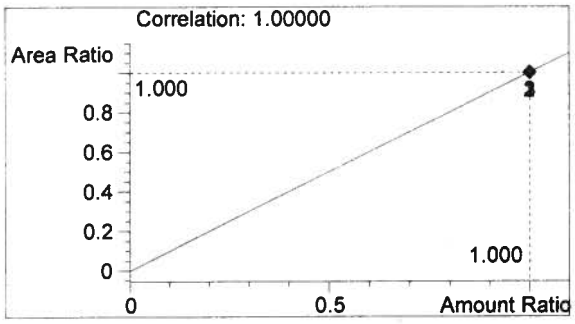


#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.039
2	n-Propanol	2489	1.702



Ethanol 0.101 g/100mL

14015



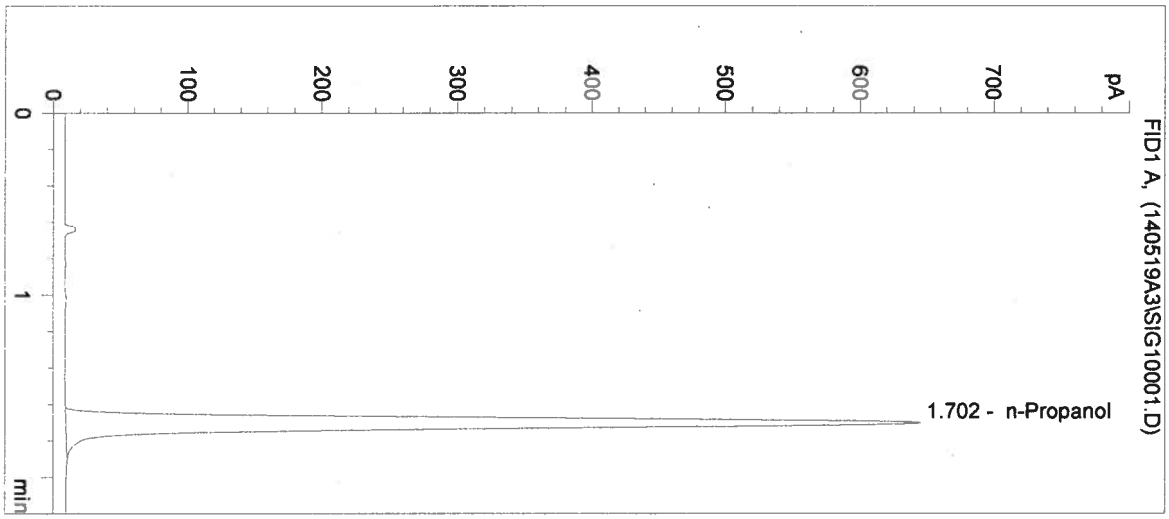
n-Propanol 0.012 g/100mL

AC

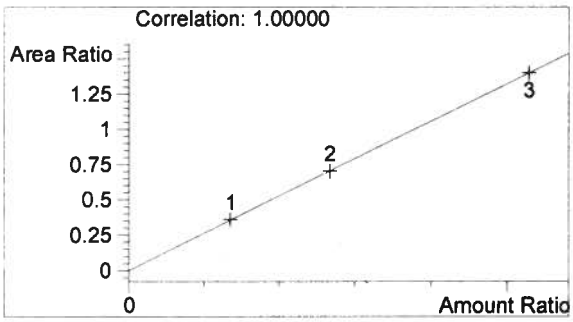
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 5/19/2014 10:19:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: Negative
Operator: Amanda Chandler
Location: Vial 16

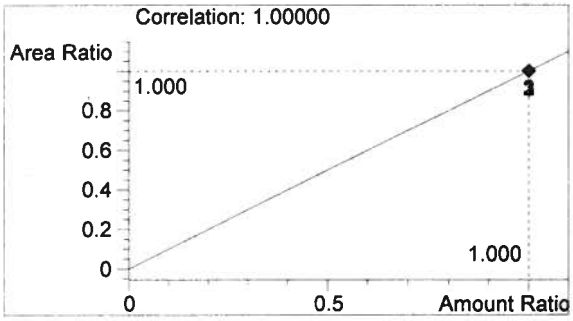


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2526	1.702



Ethanol 0.000 g/100mL

14015



n-Propanol 0.012 g/100mL

AC