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: 13056

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 11/15/2013
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Dawn C. Sklerov

	DCS	LL	KK	JLK	CM	AG	SS	AC
1	0.102	0.101	0.102	0.103	0.102	0.102	0.101	0.103
2	0.101	0.100	0.104	0.103	0.102	0.102	0.103	0.103
3	0.102	0.100	0.104	0.103	0.104	0.102	0.104	0.102
4	0.101	0.102	0.100	0.103	0.102	0.102	0.103	0.102
5	0.101	0.101	0.101	0.103	0.103	0.105	0.103	0.102
C	0.099	0.099	0.099	0.100	0.100	0.100	0.101	0.100

ETHANOL CONTROL INFORMATION
LOT NUMBER: A095230 EXPIRATION: 09/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1022 g/100mL
STANDARD DEVIATION: 0.00117
PRECISION CV (%): 1.14
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0831 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianna Peterson — Laboratory Manager — 12-10-13 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DCS	Dawn C. Sklerov		11/15/2013
LL	Lyndsey Lowe		11/18/2013
KK	Katie Knorr		11/19/2013
JLK	Justin L. Knoy		11/22/2013
CM	Christie Mitchell-Mata		11/25/2013
AG	Andrew Gingras		11/26/2013
SS	Sarah Swenson		11/26/2013
AC	Amanda Chandler		12/03/2013

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 #: 13056 **Date Prepared:** 11/15/2013

Analyst:	DCS	LL	KK	JLK	CM	AG	SS	AC
Date Tested:	11/15/2013	11/18/2013	11/19/2013	11/22/2013	11/25/2013	11/26/2013	11/26/2013	12/3/2013
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.102	0.101	0.102	0.103	0.102	0.102	0.101	0.103
2	0.101	0.100	0.104	0.103	0.102	0.102	0.103	0.103
3	0.102	0.100	0.104	0.103	0.104	0.102	0.104	0.102
4	0.101	0.102	0.100	0.103	0.102	0.102	0.103	0.102
5	0.101	0.101	0.101	0.103	0.103	0.105	0.103	0.102
C	0.099	0.099	0.099	0.100	0.100	0.100	0.101	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001299847	0.0000502509	0.0001016326

Ethanol Control Lot #: A095230
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1022 g/100mL
Standard Deviation: 0.00117 g/100mL
Precision CV (%): 1.14
Equivalent Vapor Concentration: 0.0831 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Brianna Peterson (Name) Brianna Peterson (Signature) 12/4/13 (Date)

Calculations verified by: Amanda M. Black (Name) (Signature) 12-9-2013 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Brianna Peterson (Name) Brianna Peterson (Signature) 12/4/13 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 12-9-2013

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13056

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

Comments:

Reviewer Signature: [signature] **Date:** 12-9-2013

Reviewer Signature: N/A AB 12-9-13 **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	12/5/13
Andrew Gingras	AG	12/4/13
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata	CM	12/5/13
Christopher Johnston		
Dawn Sklerov	DCS	12·6·13
Justin Knoy	JK	12-6-13
Katie Knorr	KK	12/4/13
Lyndsey Lowe	LL	12·4·13
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	12/9/13

Batch # F13056

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 13056

I, Dawn C. Sklerov, 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 in Forensic Chemistry and over nine years of experience in the field of toxicology.

The external standard solution, Lot Number 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12.6.13

Dawn C. Sklerov — Date

Forensic Toxicologist

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 13056

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 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12·4·13

Lyndsey Lowe — Date

Forensic Toxicologist

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 13056

I, Katie Knorr, 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 in Biochemistry and MS degree in Forensic Science.

The external standard solution, Lot Number 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

Katie Knorr 12/4/13

Katie Knorr Date

Forensic Toxicologist

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 13056

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 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12-6-13

Justin L. Knoy — Date

Forensic Toxicologist

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 13056

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

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

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

The external standard solution, Lot Number 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12/5/13

Christie Mitchell-Mata Date

Forensic Toxicologist

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 13056

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 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12/4/13

Andrew Gingras — Date

Forensic Toxicologist

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 13056

I, Sarah M. Swenson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry and over nine years of experience in forensic toxicology.

The external standard solution, Lot Number 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

12/9/13

Sarah M. Swenson — Date

Forensic Toxicologist

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 13056

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 13056, was prepared in the Washington State Toxicology Laboratory on 11/15/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 11/15/2014.

Seattle, WA

Amanda Chandler 12/5/13

Amanda Chandler Date

Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 11.15.13 Initials of Preparer: DS

Expiration Date: 11.15.14

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

Date the 200-proof Ethanol bottle was opened: 11.4.13

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	☑	13056

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 11.15.13 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 11.15.13 Date

Sequence Parameters:

Operator:	Dawn Sklerov
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131115D2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E0703-01 - Exp. 1/24/2014
0.158 Calibrator 2 - Lot# E0703-02 - Exp. 1/24/2014
0.316 Calibrator 3 - Lot# E0703-03 - Exp. 1/24/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol ISTD - Lot# P1113 - Exp. 02/14/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

DS

Sequence: C:\HPCHEM\2\SEQUENCE\DS3ESS.S

Sequence Table (Back Injector):

No entries - empty table!

13056

131115D2

DS

DS 11.15.13

Calibration Table

Calib. Data Modified : Friday, November 15, 2013 12:52:00 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	7.87500e-2	544.40039	1.44655e-4	1		Ethanol
		2	1.58140e-1	1084.09192	1.45873e-4			
		3	3.14420e-1	2158.83447	1.45643e-4			
1.743	1	1	1.20000e-2	1556.13818	7.71140e-6	I1		n-Propanol
		2	1.20000e-2	1556.44336	7.70989e-6			
		3	1.20000e-2	1558.19910	7.70120e-6			

Peak Sum Table

No Entries in table

13056

DS

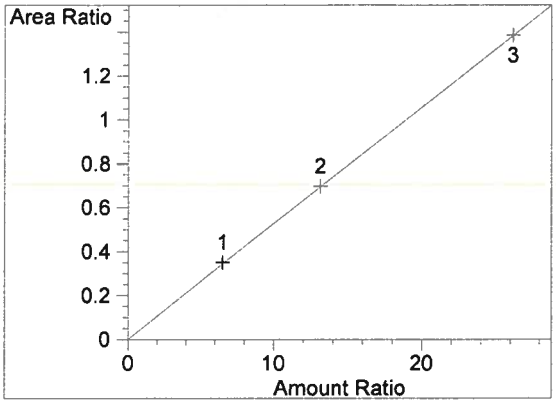
131115D2

DS 11-15-13

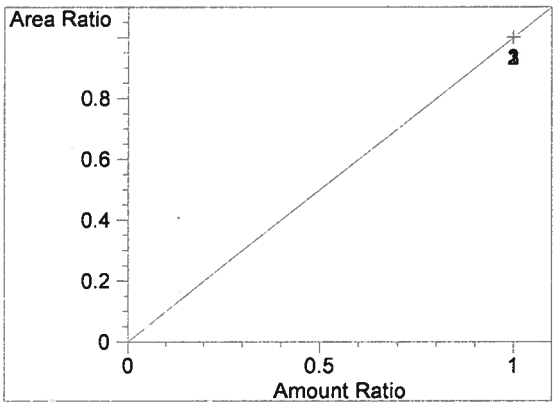
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00173
Formula: y = mx + b
m: 5.28385e-2
b: 1.07342e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
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

==========

13056

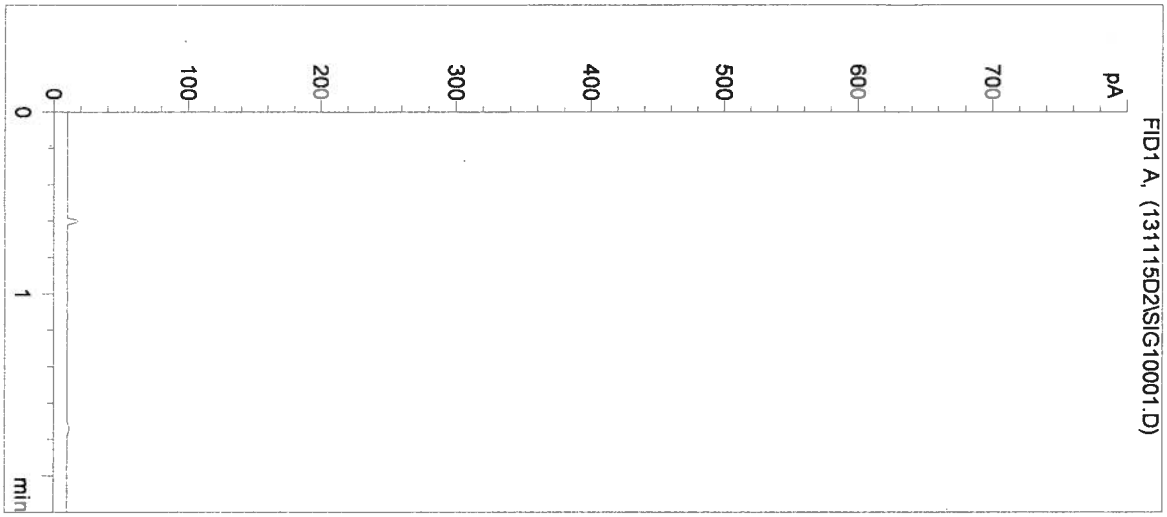
DS

1311150 2
DS 11.15.13

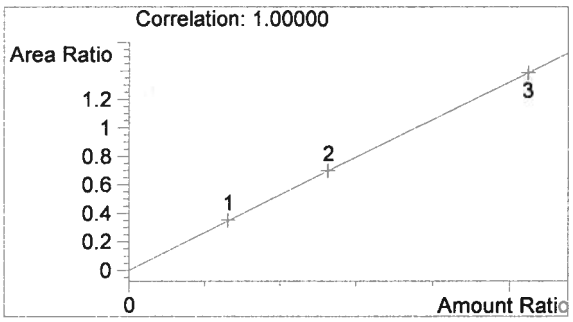
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:40:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

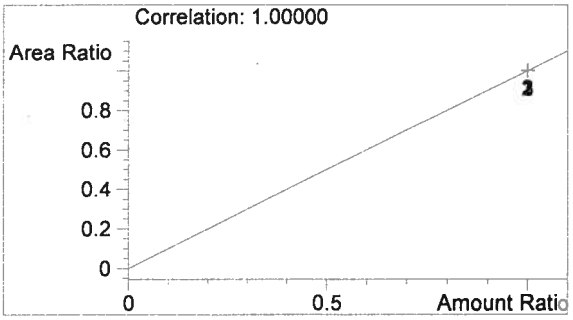
Sample Name: BLANK
Operator: Dawn Sklerov
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

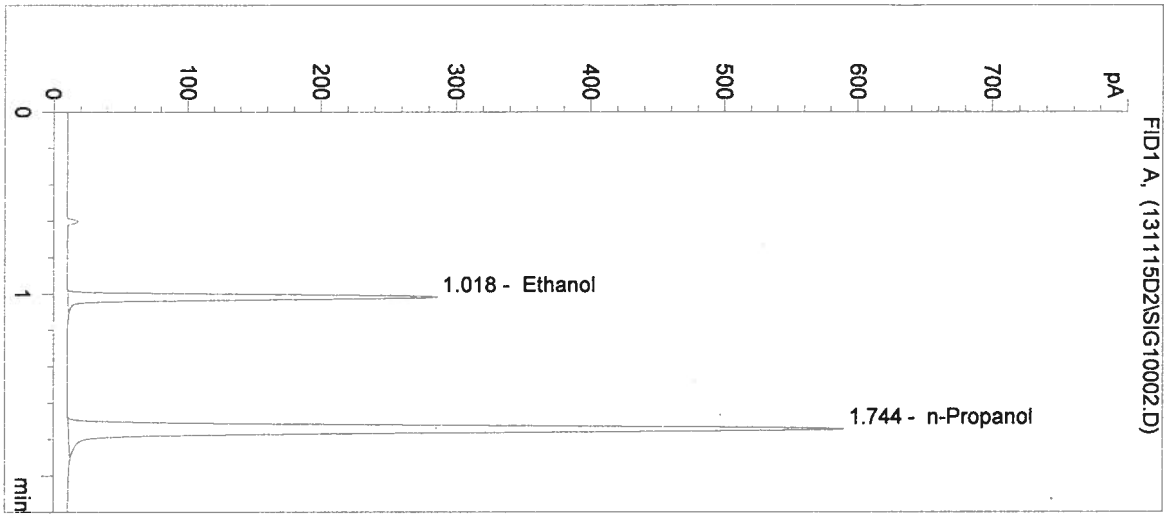
13056

DS

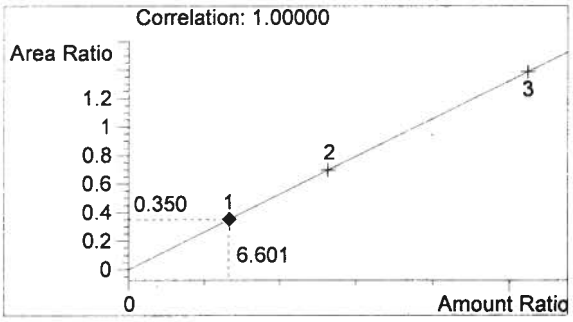
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:43:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

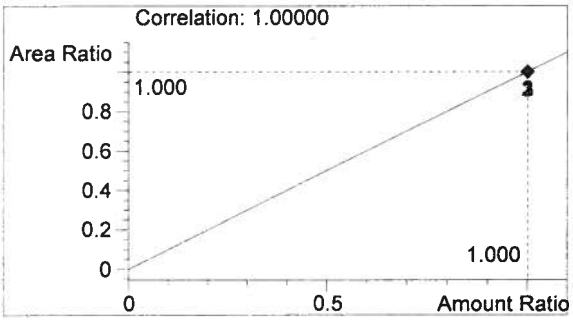
Sample Name: CAL1 0.079
Operator: Dawn Sklerov
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	544	1.018
2	n-Propanol	1556	1.744



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

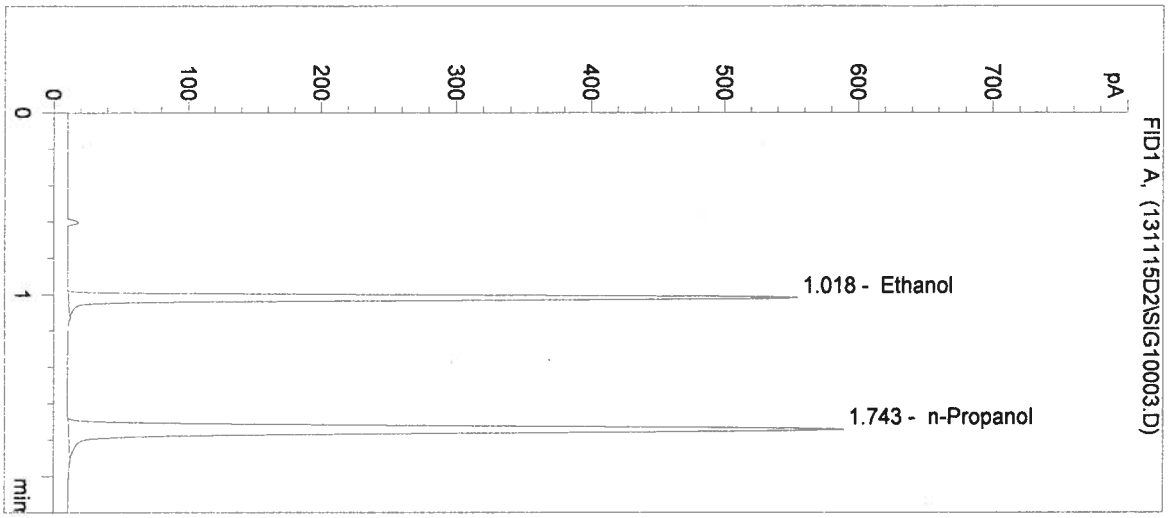
13056

DS

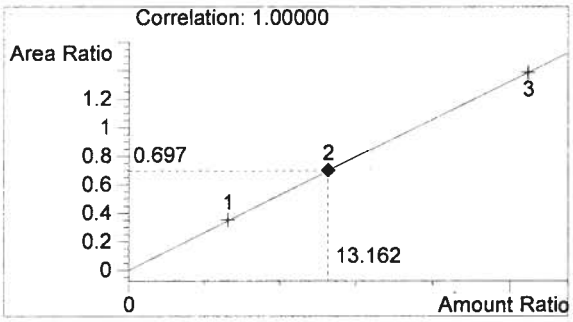
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:46:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

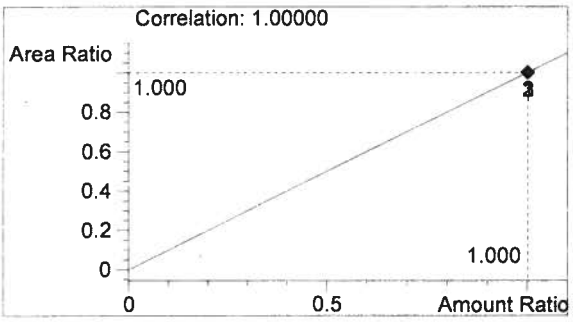
Sample Name: CAL2 0.158
Operator: Dawn Sklerov
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1084	1.018
2	n-Propanol	1556	1.743



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

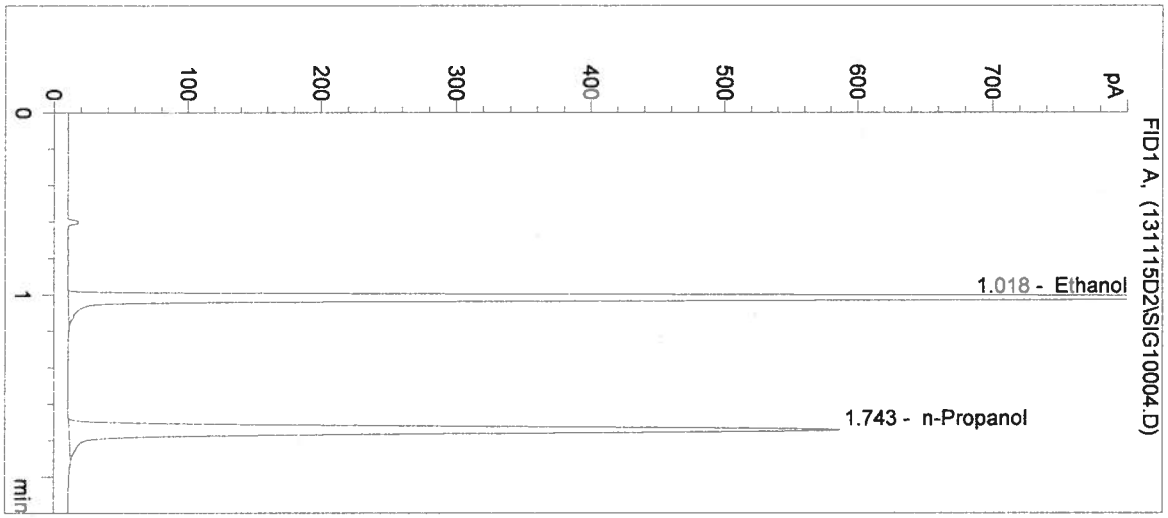
13056

DS

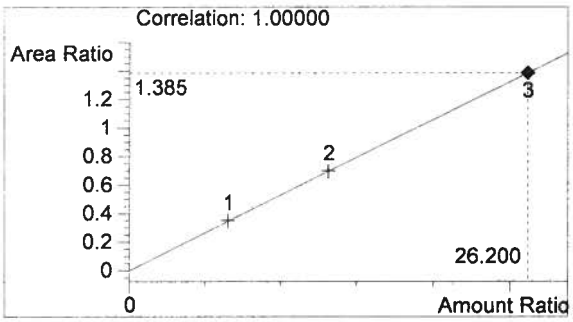
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:49:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

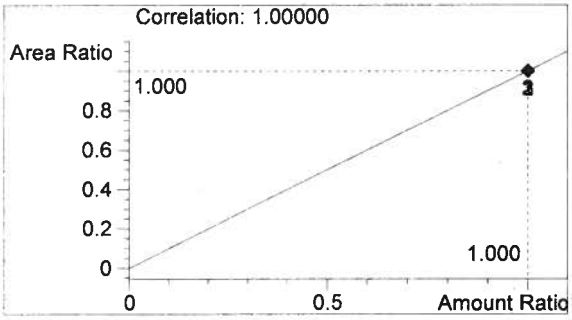
Sample Name: CAL3 0.316
Operator: Dawn Sklerov
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2159	1.018
2	n-Propanol	1558	1.743



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

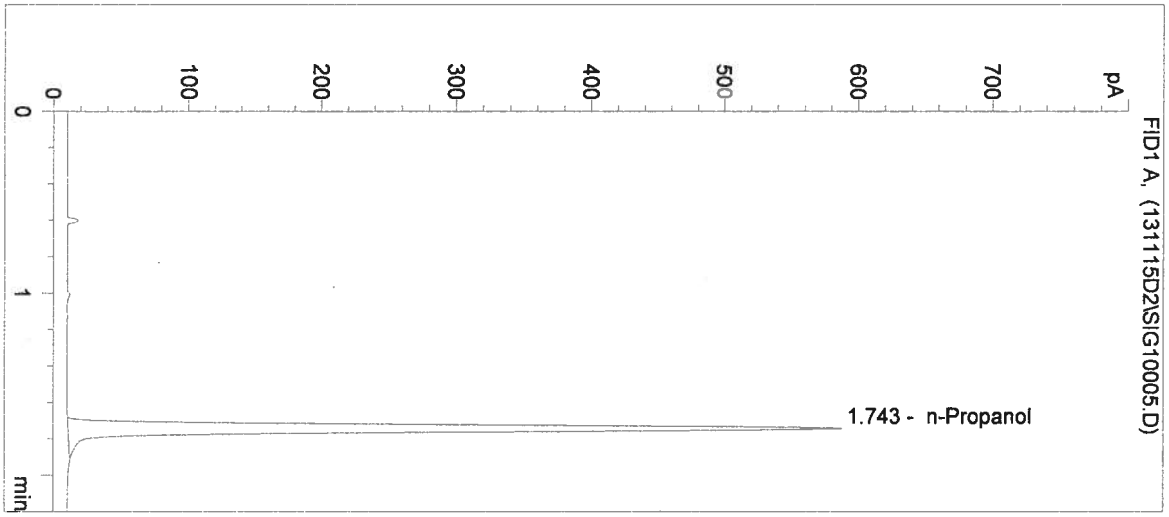
13056

DS

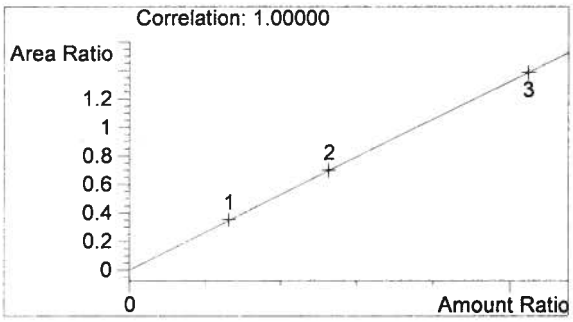
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:52:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

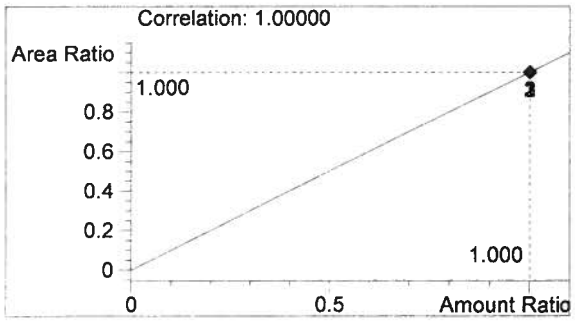
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1558	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

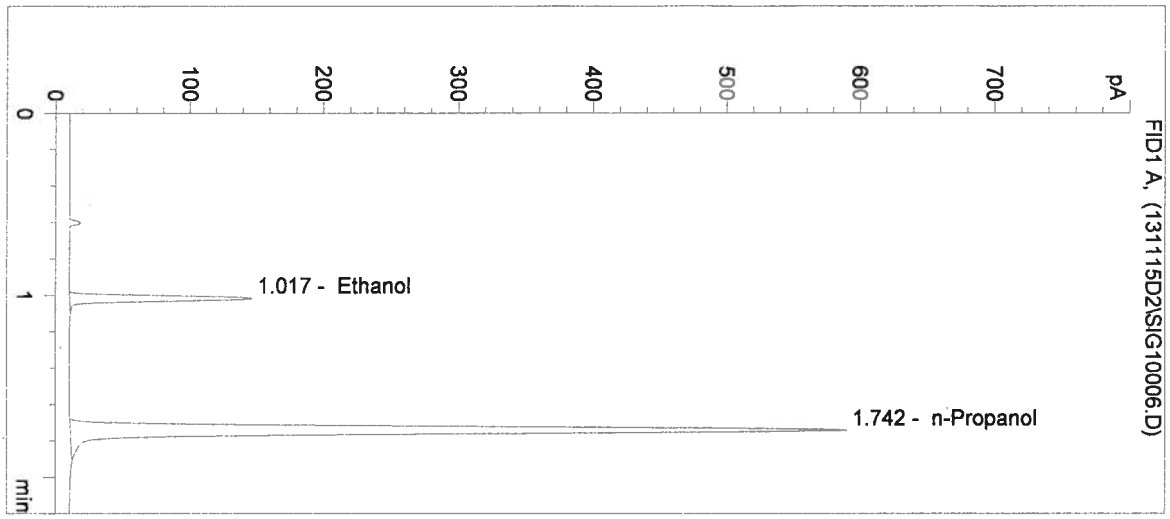
13056

DS

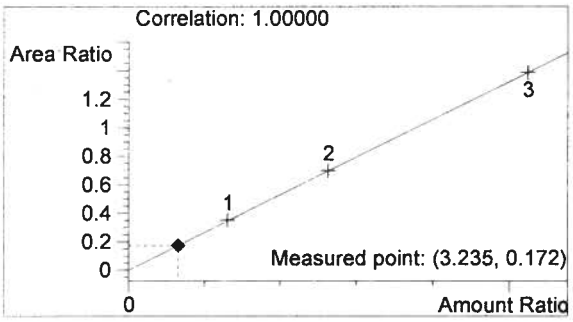
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:56:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

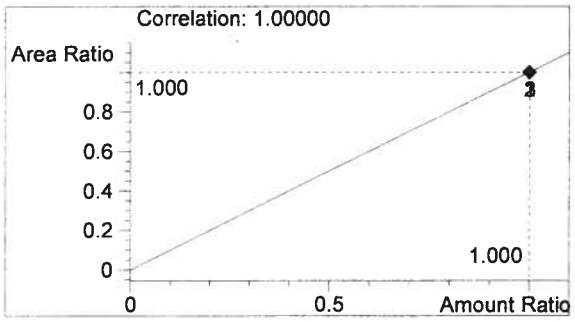
Sample Name: 0.04 CTRL
Operator: Dawn Sklerov
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	270	1.017
2	n-Propanol	1569	1.742



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

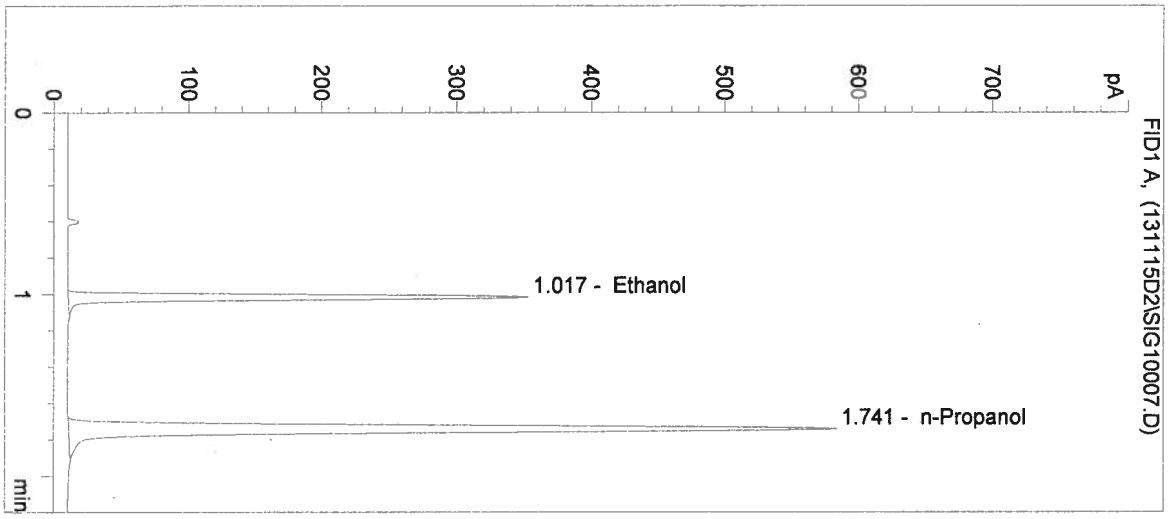
13056

DS

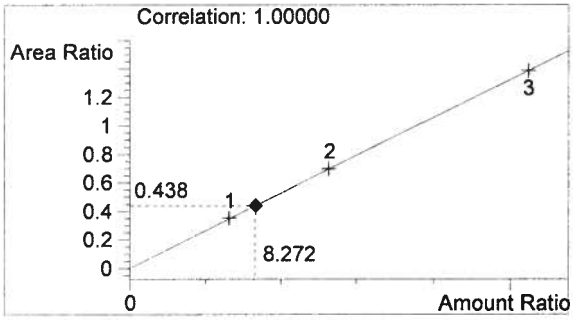
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 12:59:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

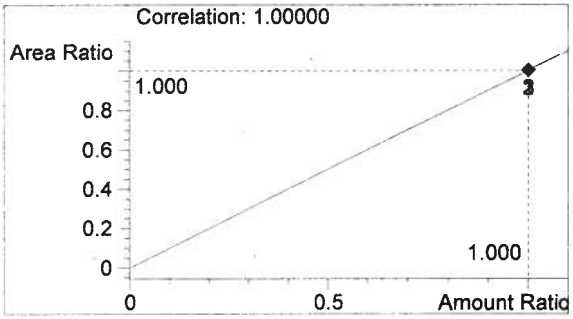
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.017
2	n-Propanol	1549	1.741



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

13056

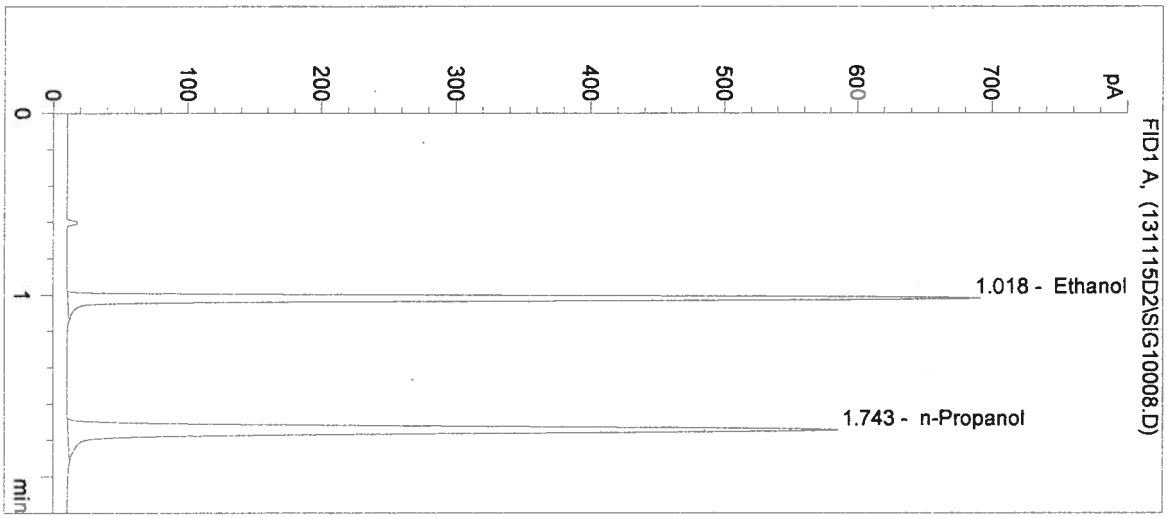
DS

Data File: C:\HPCHEM\2\DATA\131115D2\SIG10007.D

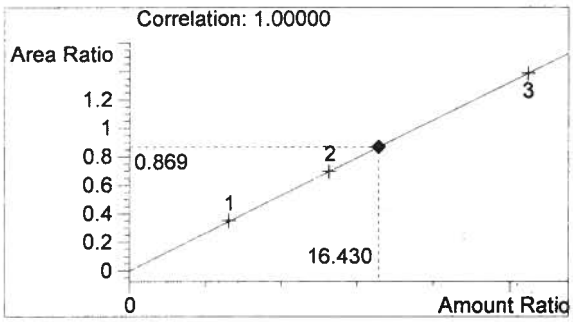
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:02:18 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

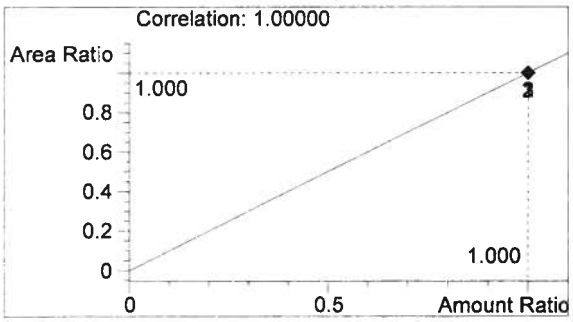
Sample Name: 0.20 CTRL
Operator: Dawn Sklerov
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.018
2	n-Propanol	1551	1.743



Ethanol 0.197 g/100mL



n-Propanol 0.012 g/100mL

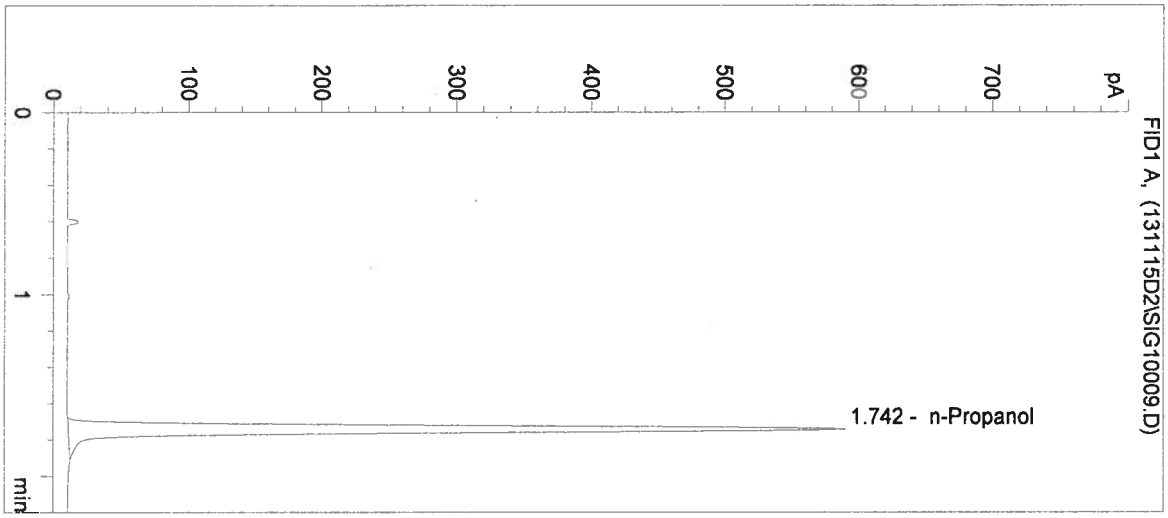
13056

DS

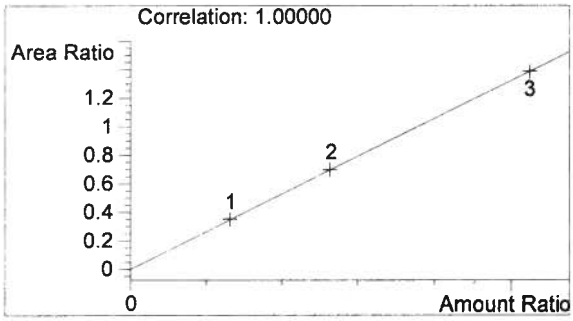
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:05:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

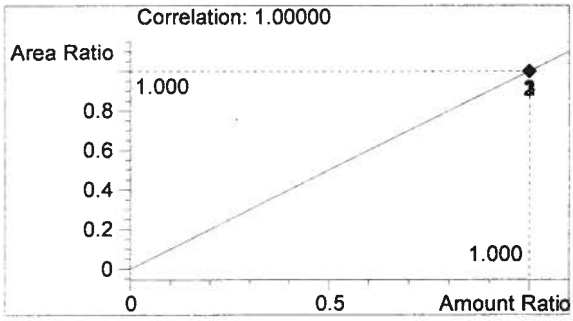
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1565	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

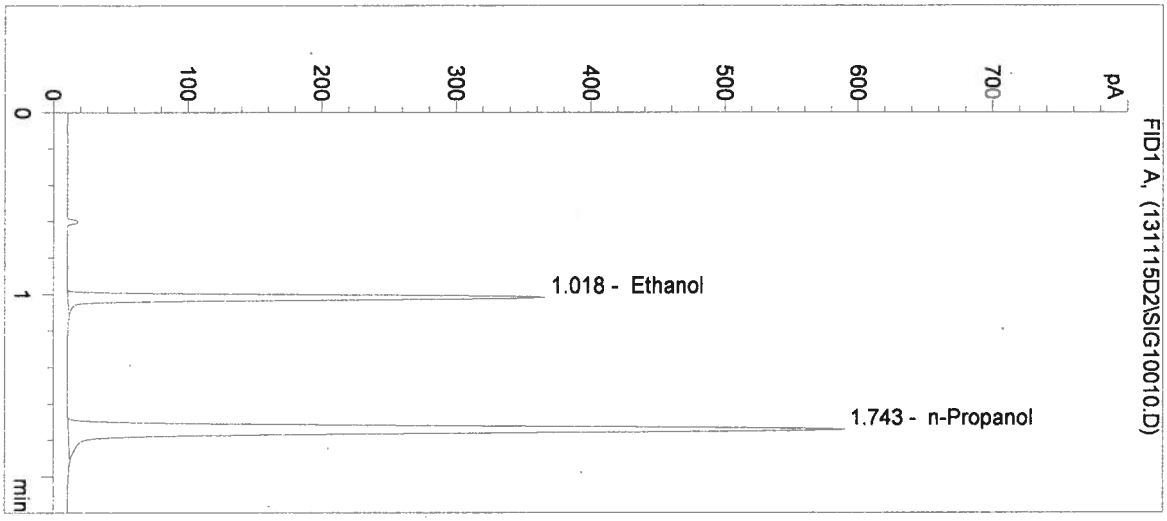
13056

DS

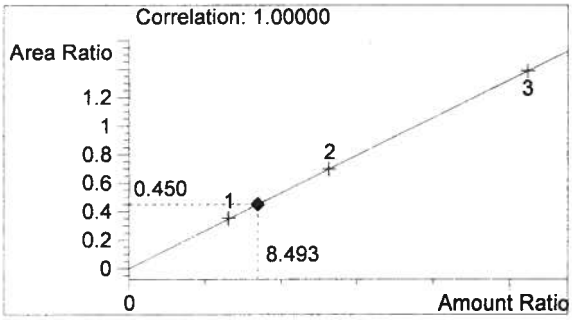
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:08:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

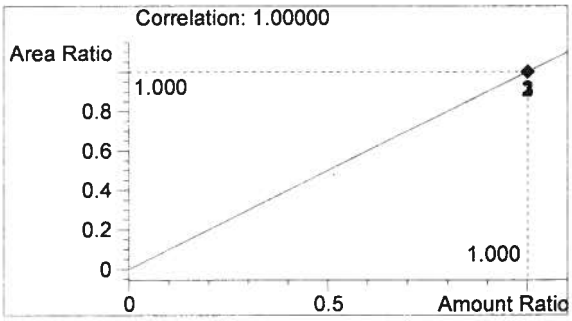
Sample Name: 13056 #1
Operator: Dawn Sklerov
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.018
2	n-Propanol	1565	1.743



Ethanol 0.102 g/100mL



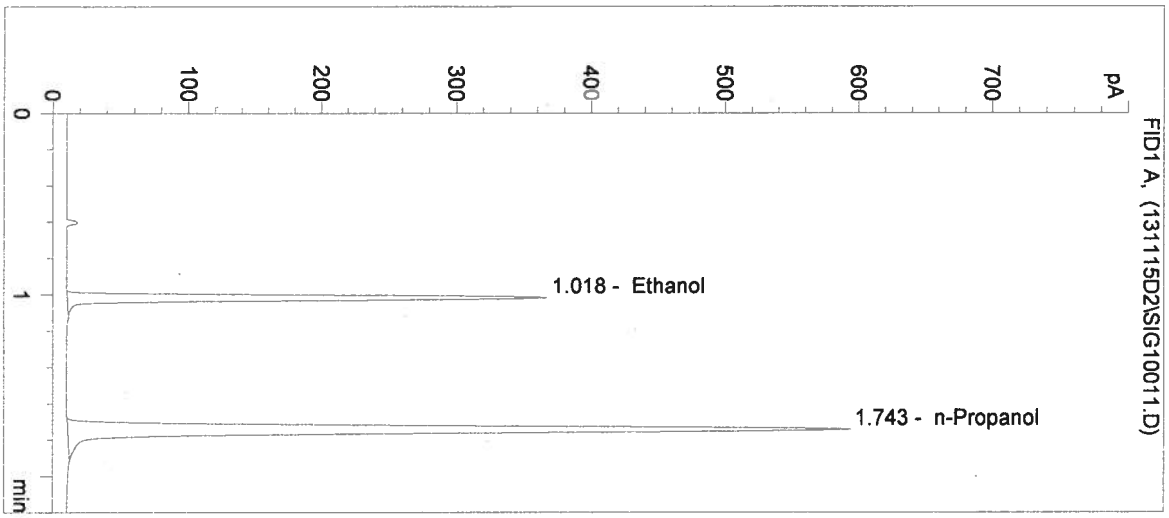
n-Propanol 0.012 g/100mL

DS

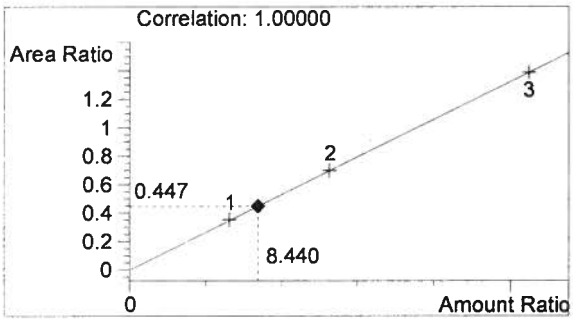
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:11:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

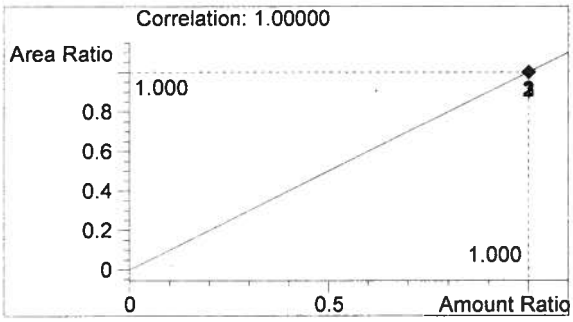
Sample Name: 13056 #2
Operator: Dawn Sklerov
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.018
2	n-Propanol	1573	1.743



Ethanol 0.101 g/100mL



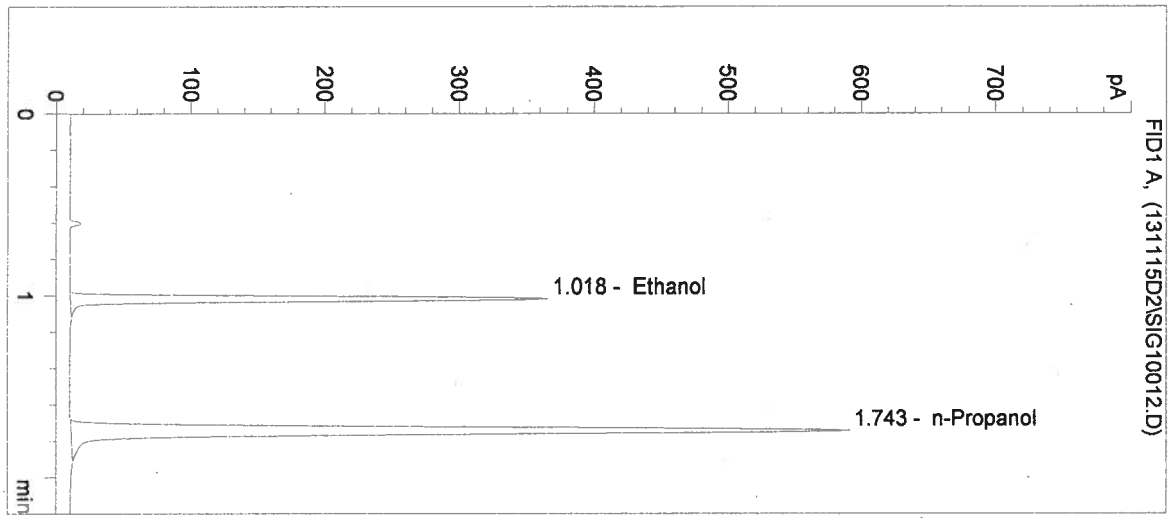
n-Propanol 0.012 g/100mL

DS

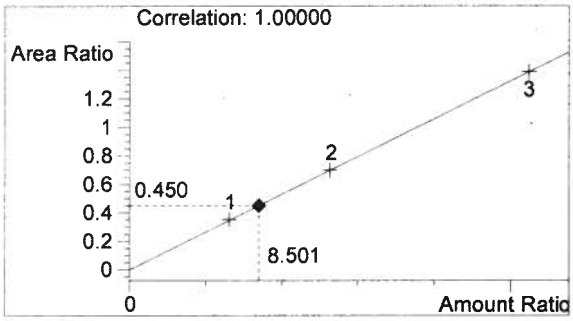
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:14:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

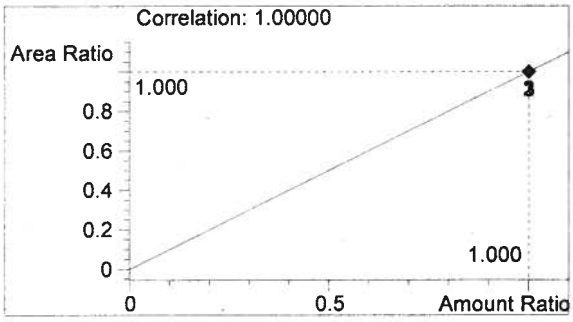
Sample Name: 13056 #3
Operator: Dawn Sklerov
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.018
2	n-Propanol	1569	1.743



Ethanol 0.102 g/100mL



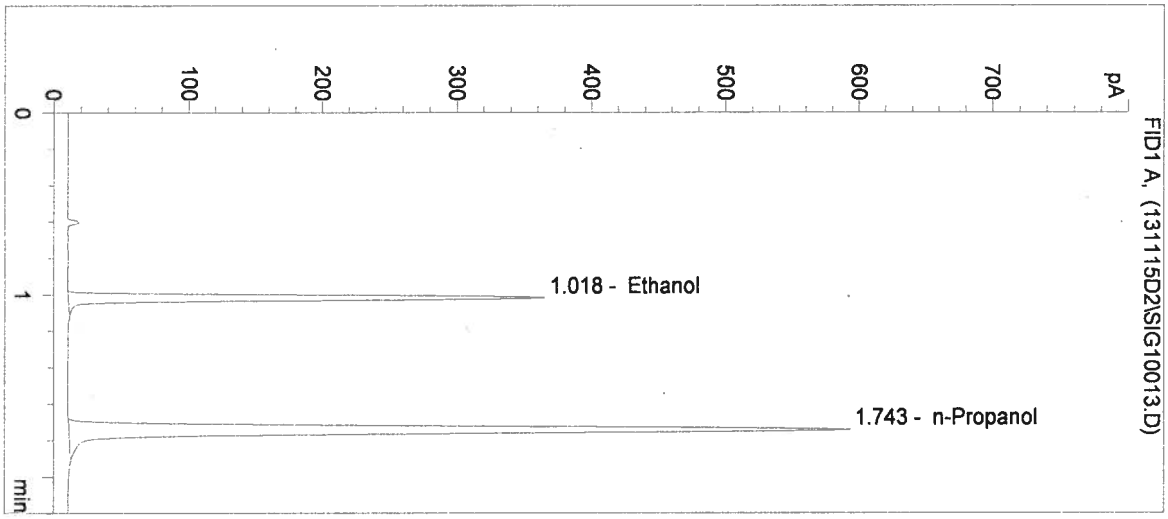
n-Propanol 0.012 g/100mL

DS

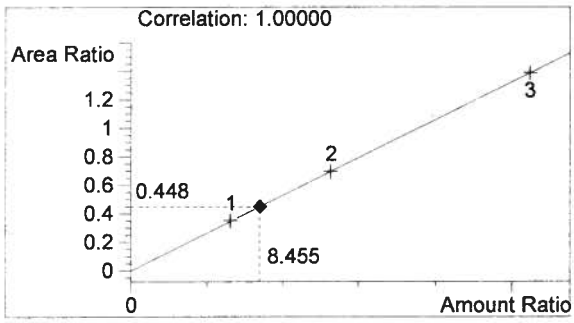
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:17:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

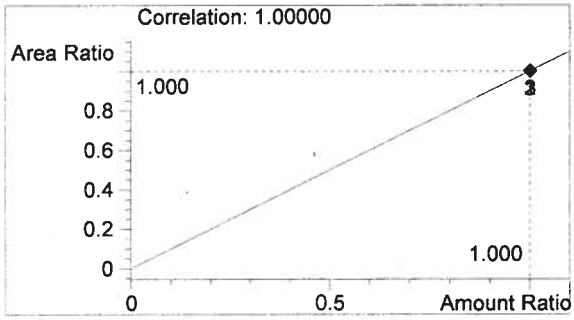
Sample Name: 13056 #4
Operator: Dawn Sklerov
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	704	1.018
2	n-Propanol	1571	1.743



Ethanol 0.101 g/100mL



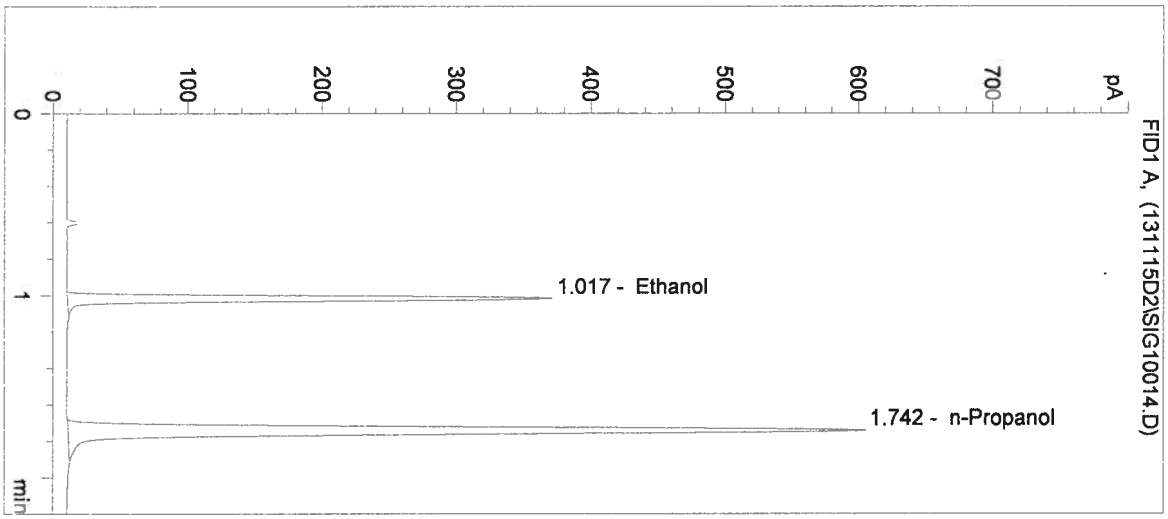
n-Propanol 0.012 g/100mL

DS

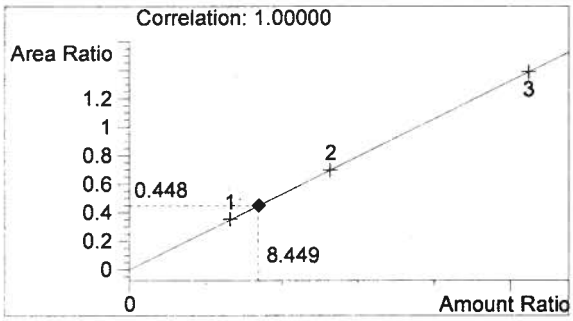
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:21:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

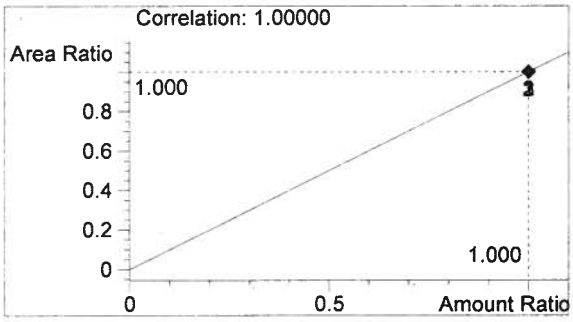
Sample Name: 13056 #5
Operator: Dawn Sklerov
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	720	1.017
2	n-Propanol	1608	1.742



Ethanol 0.101 g/100mL



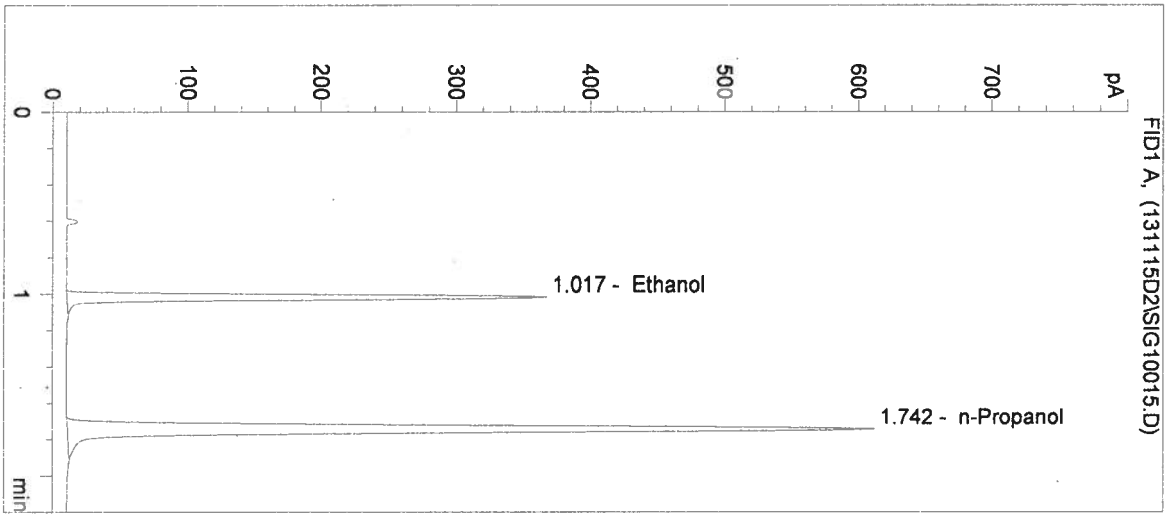
n-Propanol 0.012 g/100mL

DS

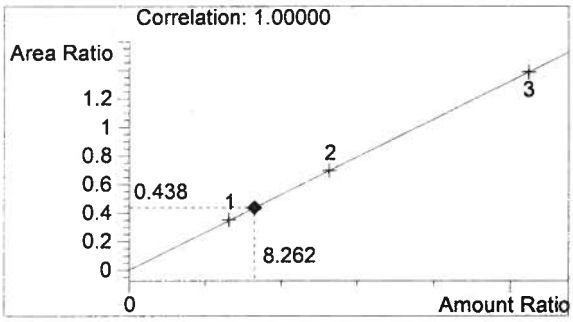
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:24:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

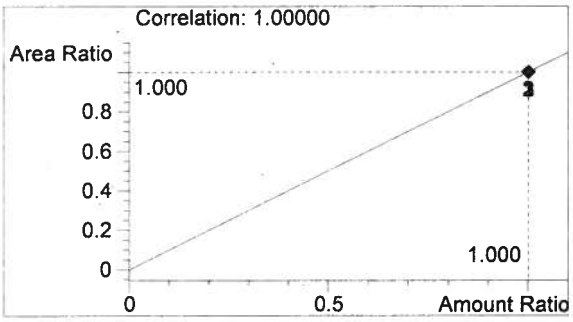
Sample Name: 0.10 CTRL
Operator: Dawn Sklerov
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1627	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

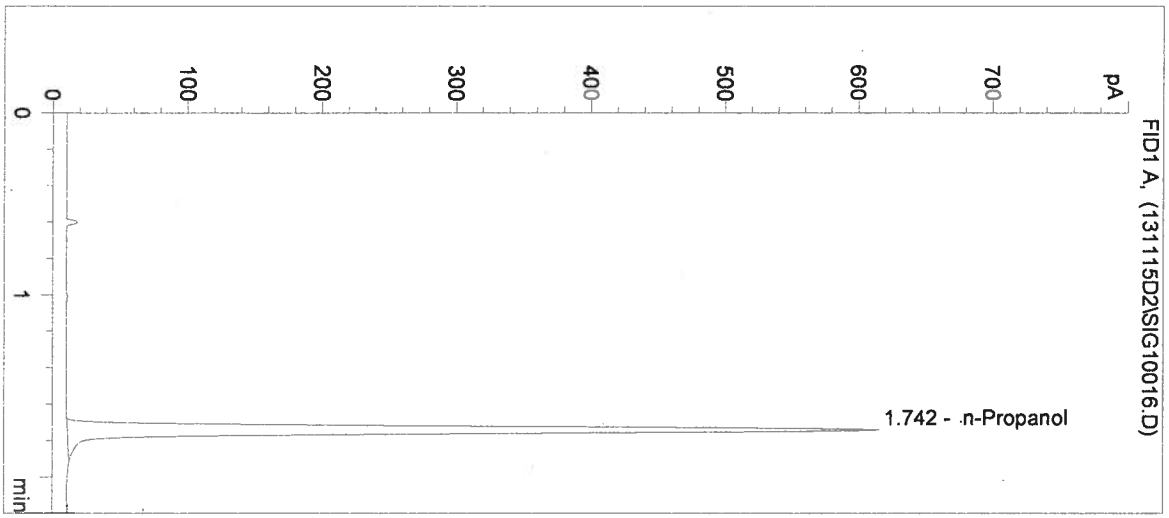
13056

DS

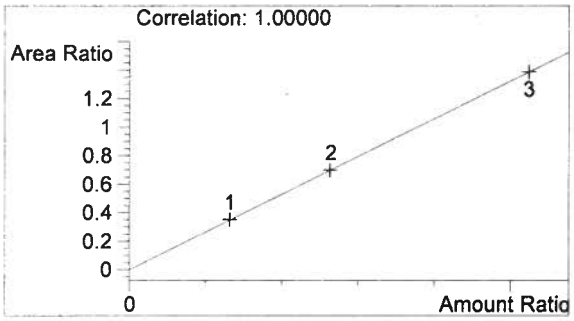
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/15/2013 1:27:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

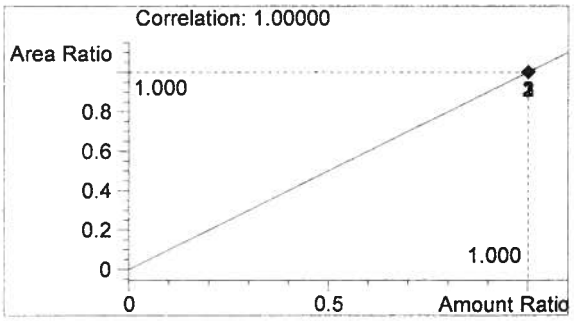
Sample Name: NEG CTRL
Operator: Dawn Sklerov
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1636	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

DJ

13056

Sequence: C:\HPCHEM\2\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\2\DATA\
Data Subdirectory:	131118LL
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

W

13056

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

Calibration Table

Calib. Data Modified : Monday, November 18, 2013 9:12:32 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
1.018	1	1	7.87500e-2	552.81982	1.42451e-4	1		Ethanol
		2	1.58140e-1	1213.26697	1.30342e-4			
		3	3.14420e-1	2517.01172	1.24918e-4			
1.745	1	1	1.20000e-2	1574.44507	7.62173e-6	I1		n-Propanol
		2	1.20000e-2	1704.84741	7.03875e-6			
		3	1.20000e-2	1756.31677	6.83248e-6			

Peak Sum Table

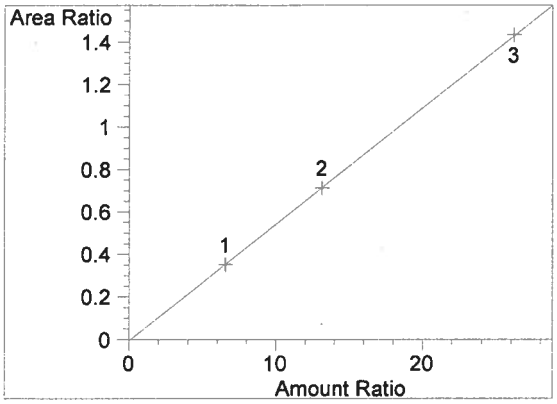
No Entries in table

13056

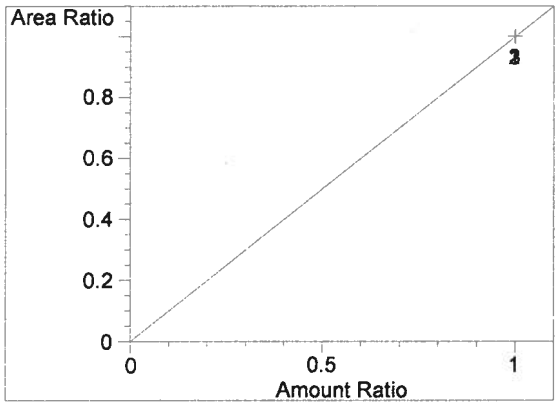
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00597
Formula: y = mx + b
m: 5.47570e-2
b: -4.94462e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.745
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

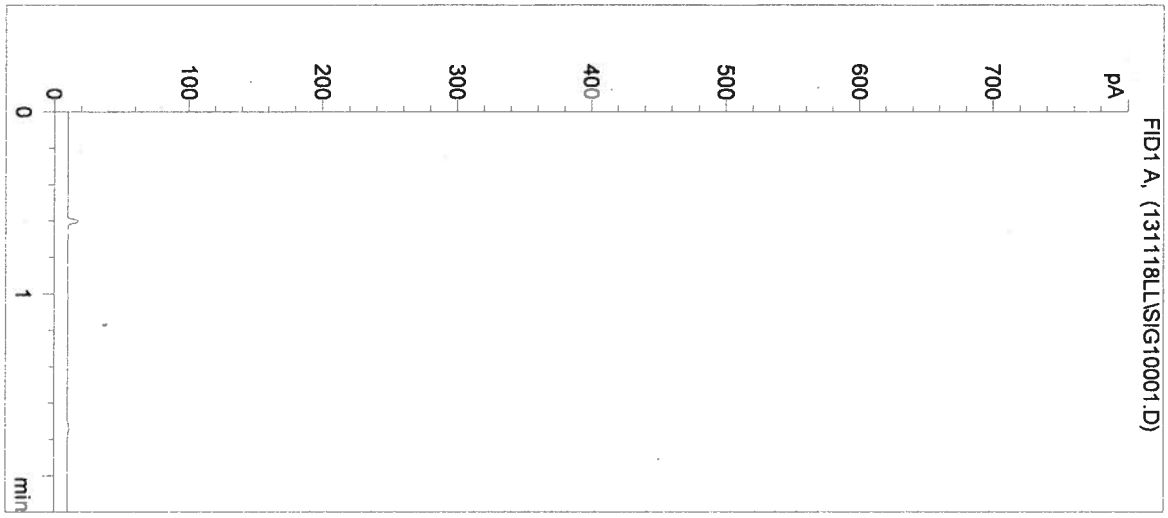
==========

13056

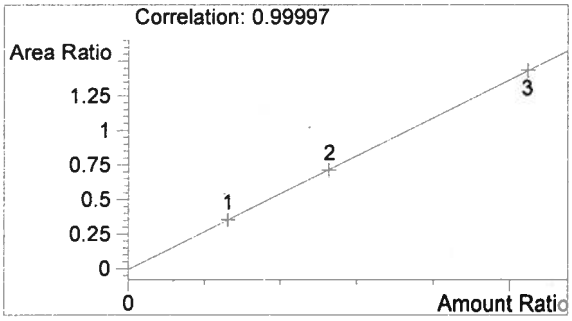
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:00:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

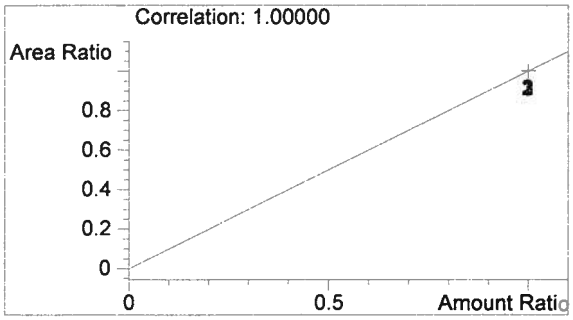
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL



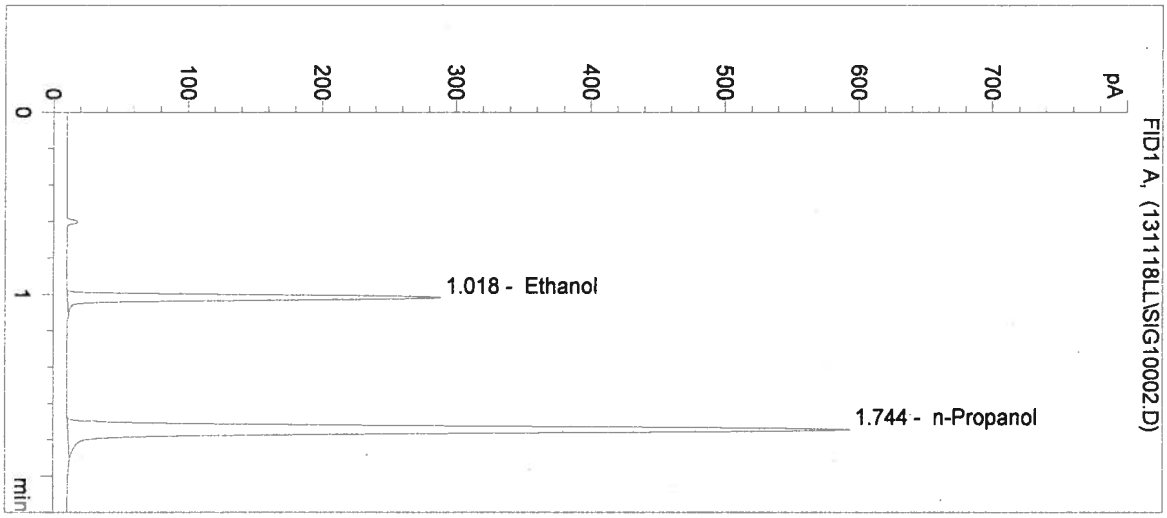
n-Propanol 0.000 g/100mL

13056

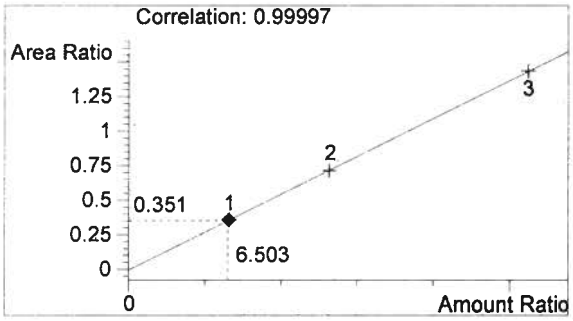
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:04:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

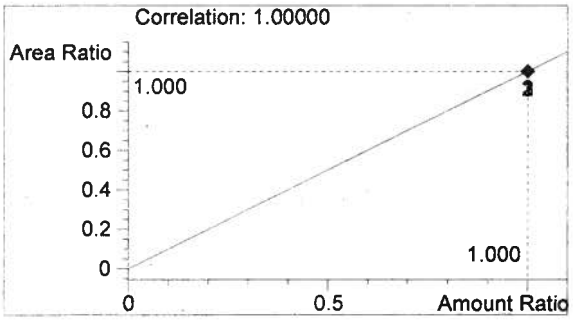
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	553	1.018
2	n-Propanol	1574	1.744



Ethanol 0.078 g/100mL



n-Propanol 0.012 g/100mL

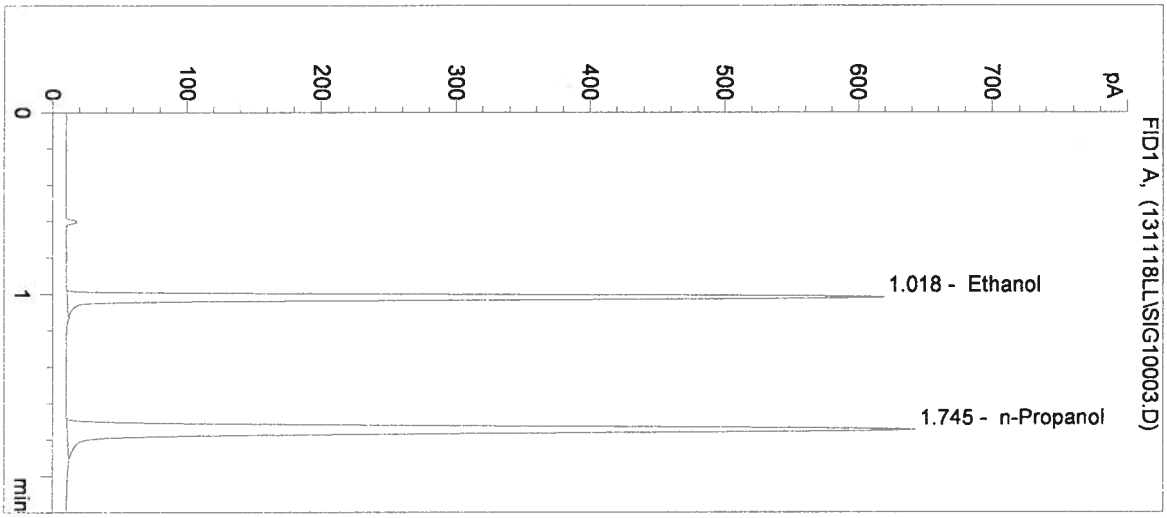
13056

Data File: C:\HPCHEM\2\DATA\131118LL\SIG10002.D

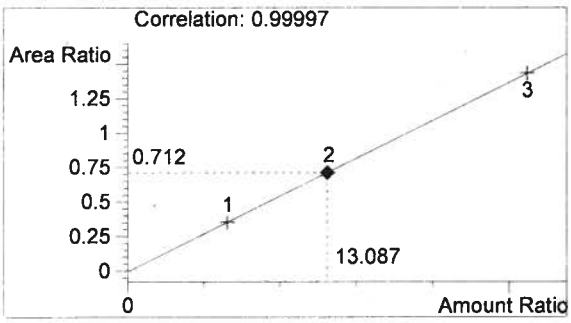
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:07:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

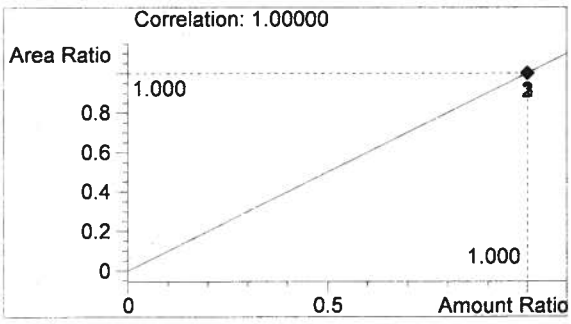
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1213	1.018
2	n-Propanol	1705	1.745



Ethanol 0.157 g/100mL



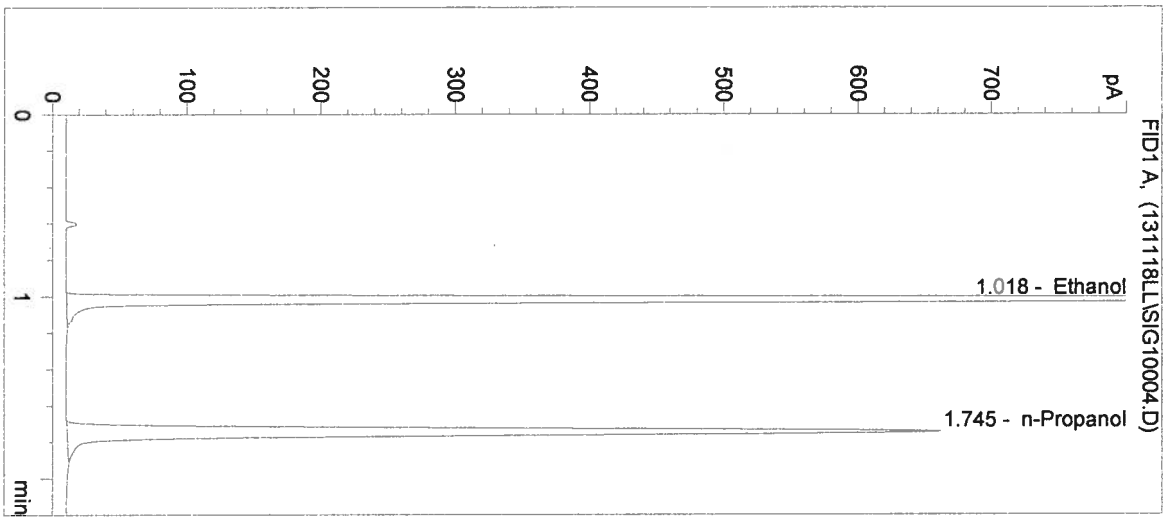
n-Propanol 0.012 g/100mL

13056

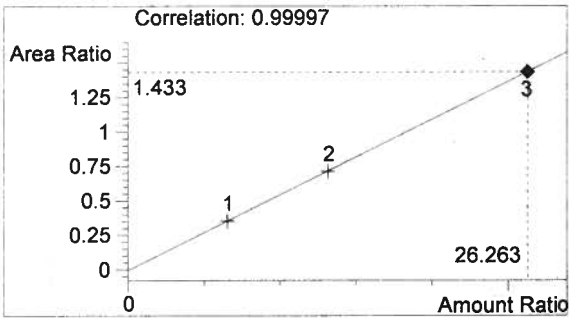
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:10:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

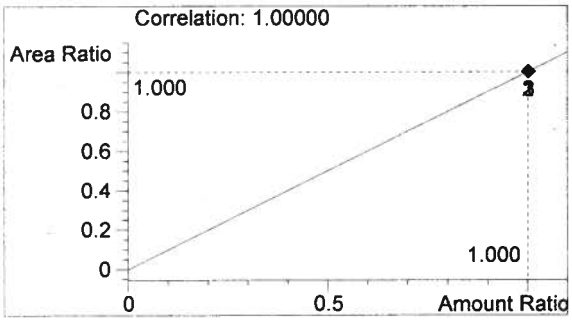
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2517	1.018
2	n-Propanol	1756	1.745



Ethanol 0.315 g/100mL



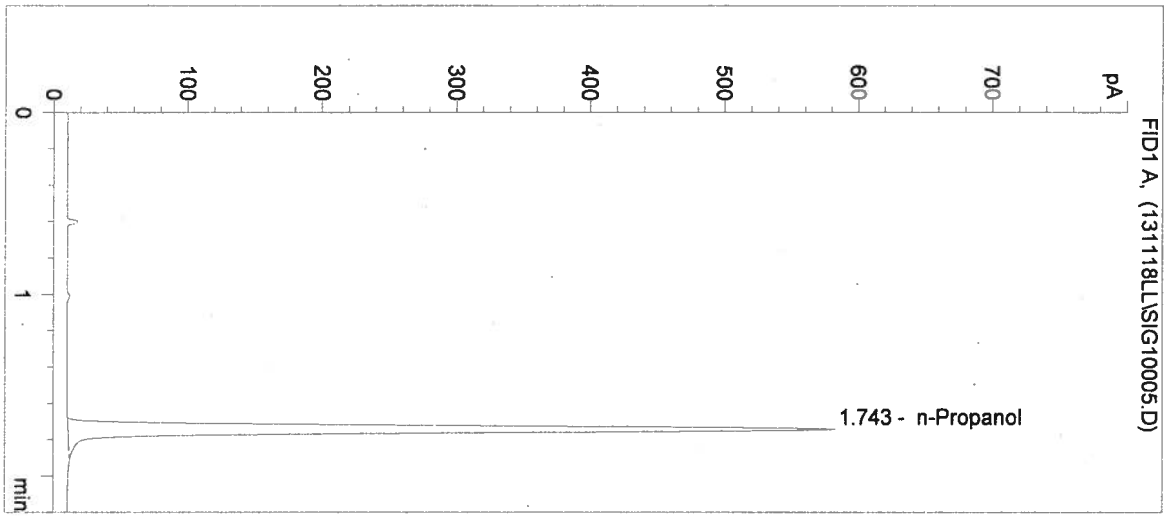
n-Propanol 0.012 g/100mL

13056

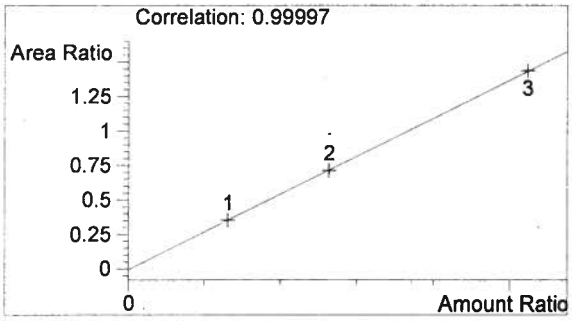
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:13:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

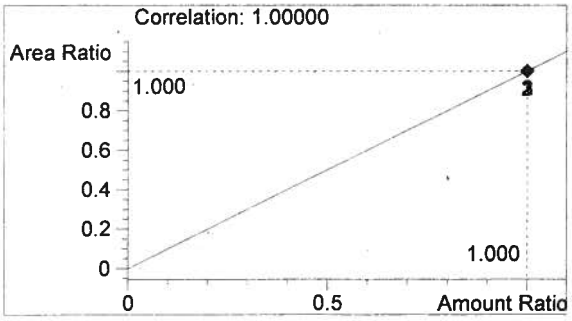
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1546	1.743



Ethanol 0.000 g/100mL



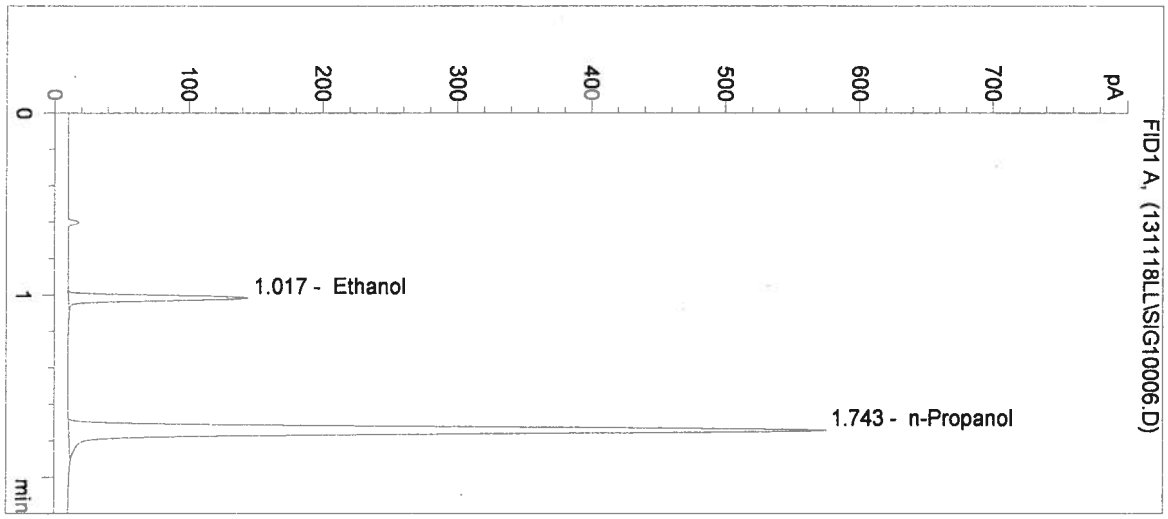
n-Propanol 0.012 g/100mL

13056

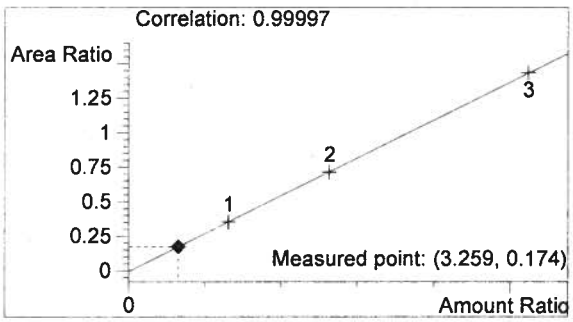
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:16:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

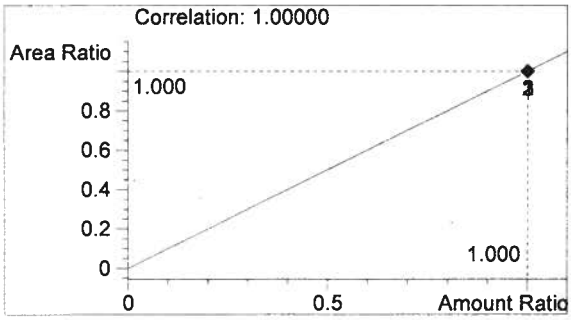
Sample Name: 0.04 CTRL
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	265	1.017
2	n-Propanol	1527	1.743



Ethanol 0.039 g/100mL



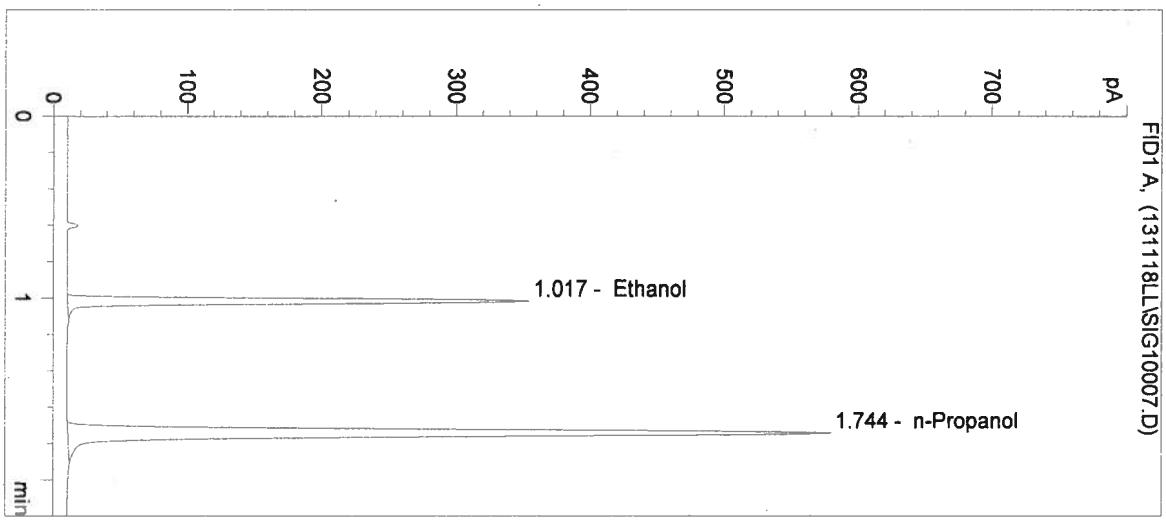
n-Propanol 0.012 g/100mL

13056

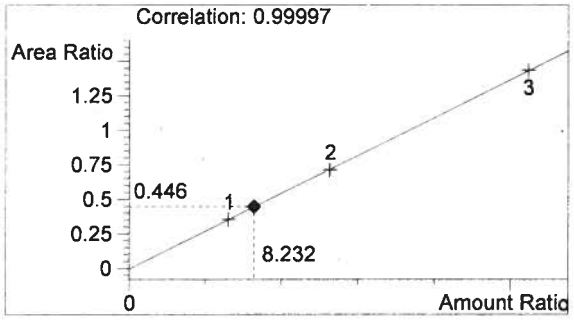
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:19:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

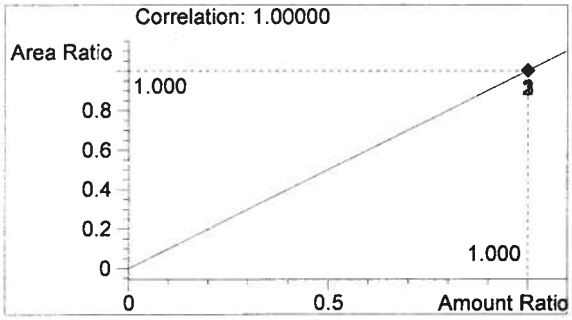
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	686	1.017
2	n-Propanol	1538	1.744



Ethanol 0.099 g/100mL



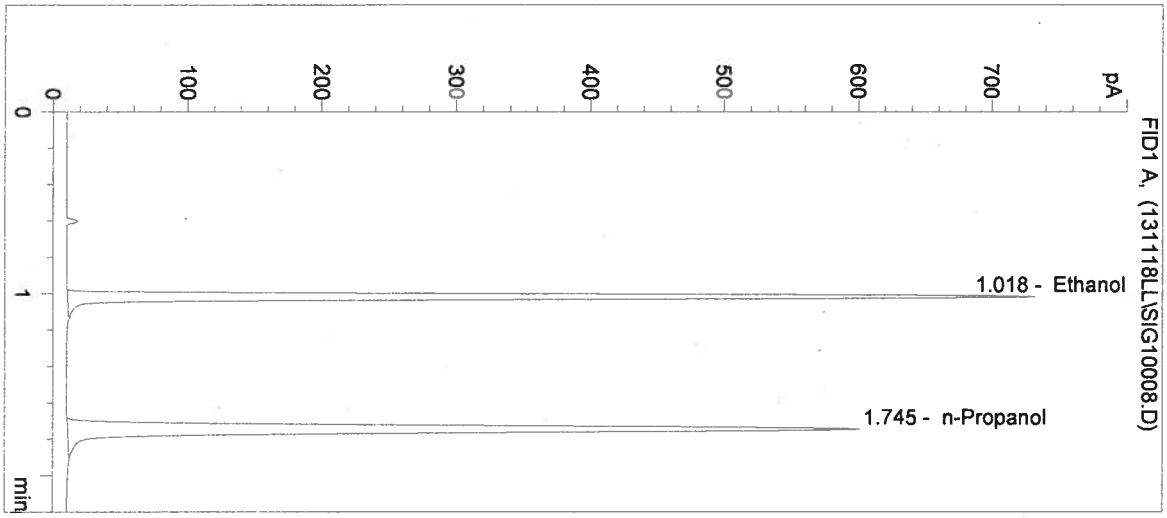
n-Propanol 0.012 g/100mL

13056

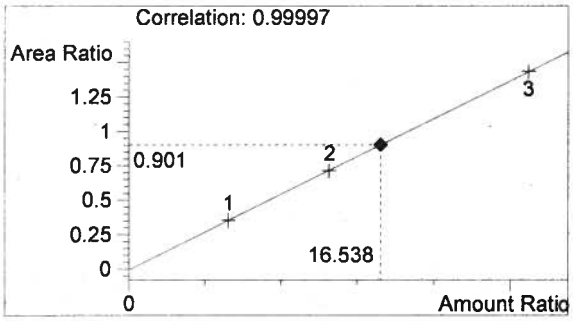
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:22:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

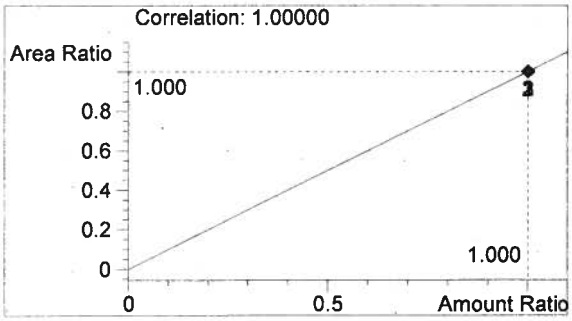
Sample Name: 0.20 CTRL
Operator: Lyndsey Lowe
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1432	1.018
2	n-Propanol	1590	1.745



Ethanol 0.198 g/100mL



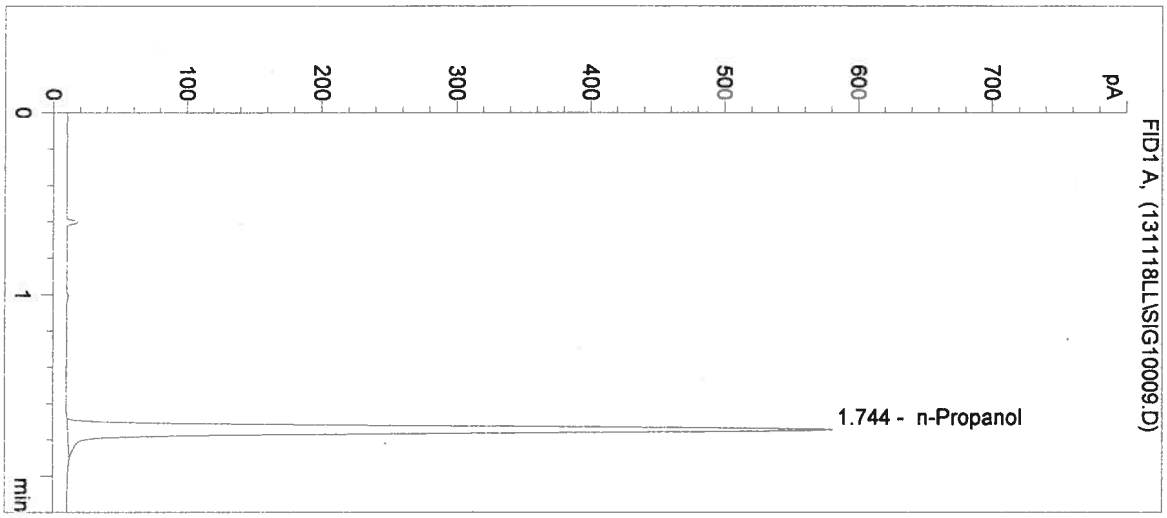
n-Propanol 0.012 g/100mL

13056

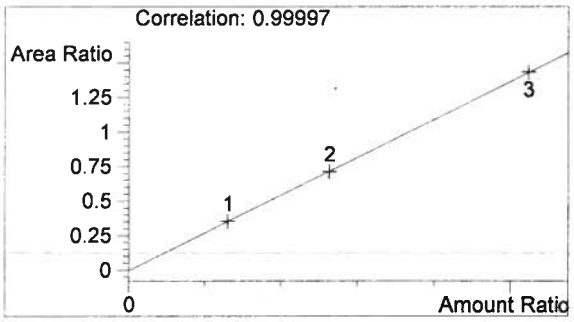
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:25:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

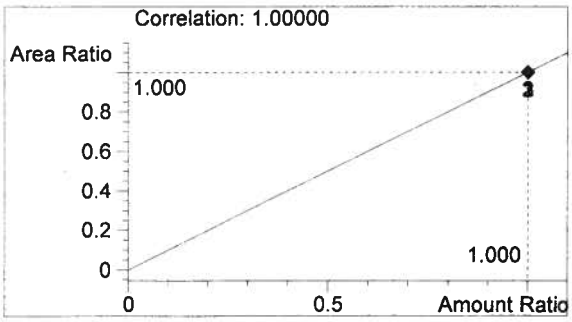
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1541	1.744



Ethanol 0.000 g/100mL



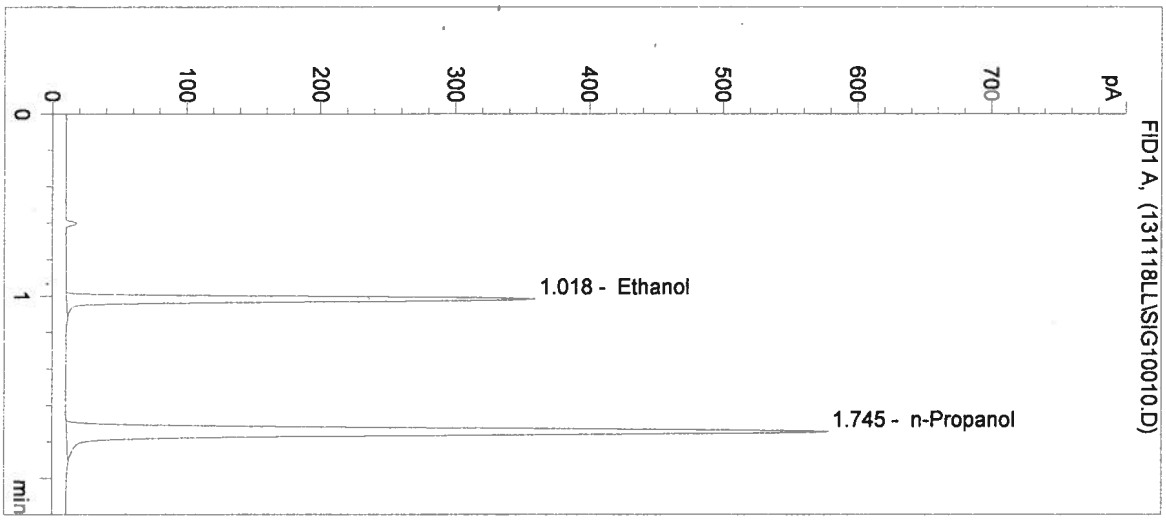
n-Propanol 0.012 g/100mL

13056

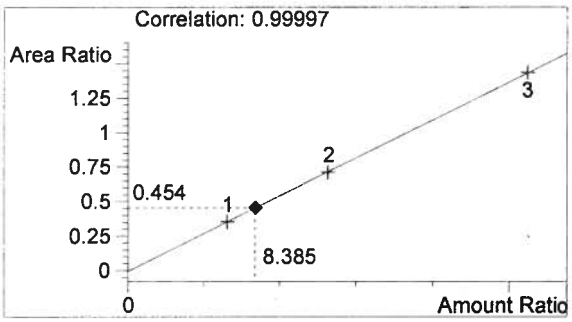
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:29:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

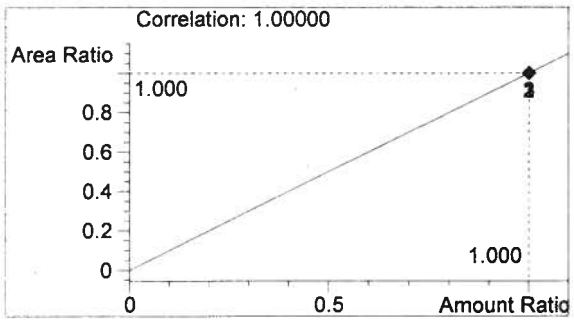
Sample Name: 13056 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.018
2	n-Propanol	1536	1.745



Ethanol 0.101 g/100mL

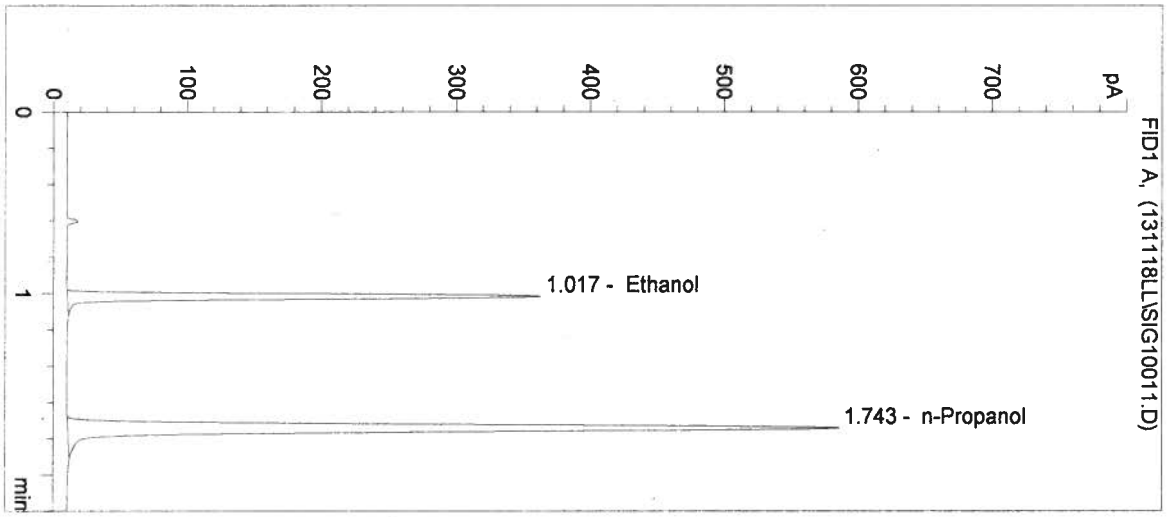


n-Propanol 0.012 g/100mL

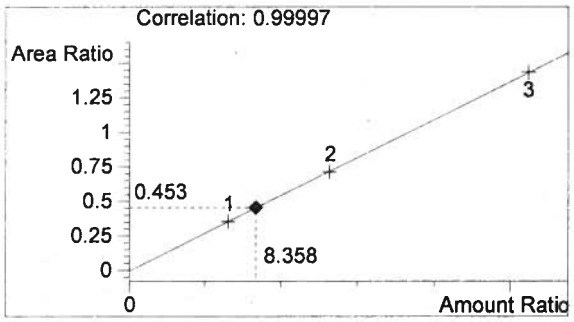
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:32:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

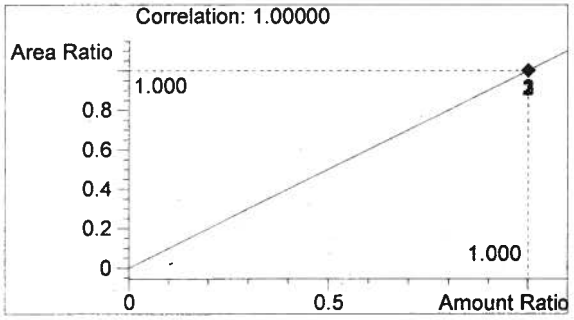
Sample Name: 13056 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.017
2	n-Propanol	1554	1.743



Ethanol 0.100 g/100mL

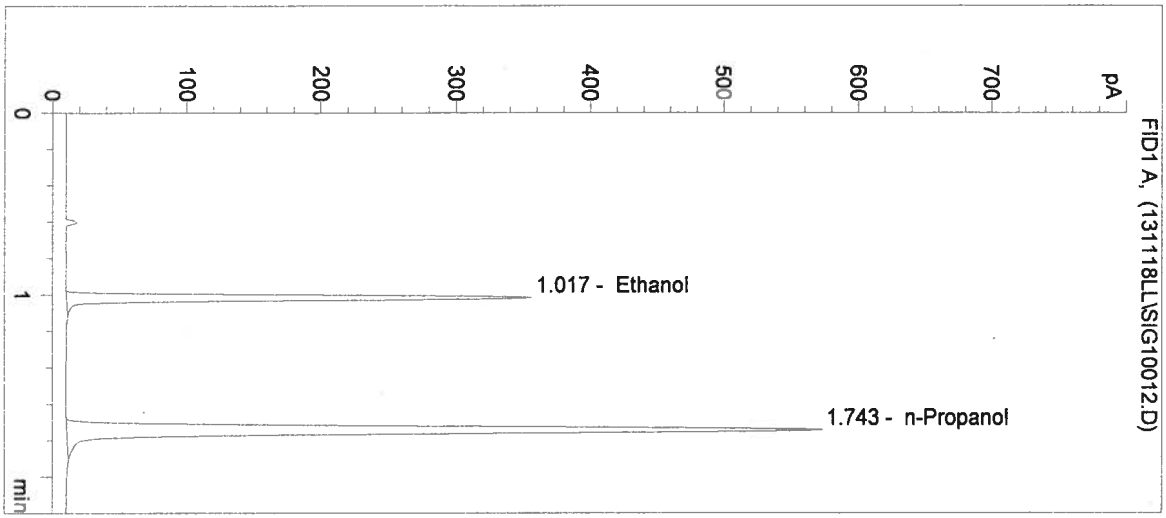


n-Propanol 0.012 g/100mL

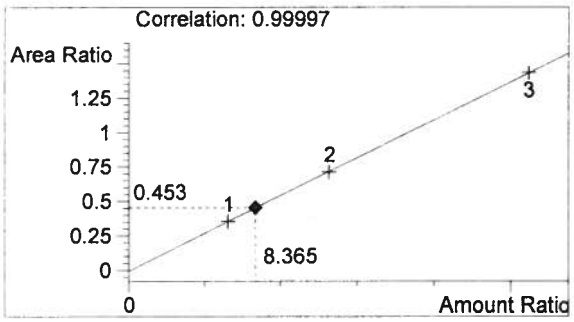
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:35:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

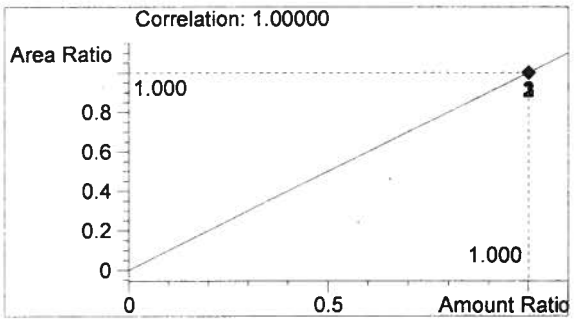
Sample Name: 13056 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.017
2	n-Propanol	1519	1.743



Ethanol 0.100 g/100mL

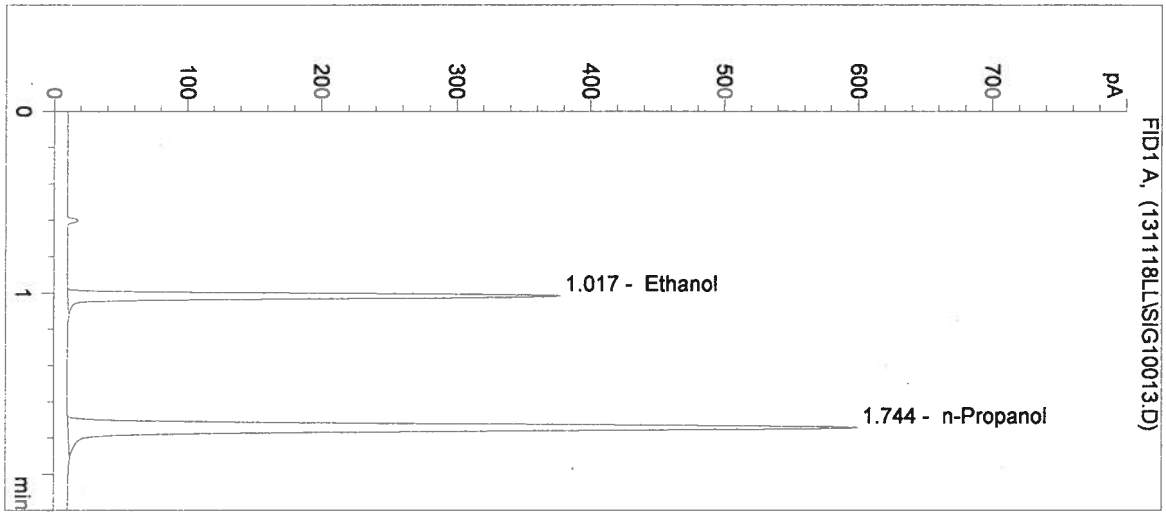


n-Propanol 0.012 g/100mL

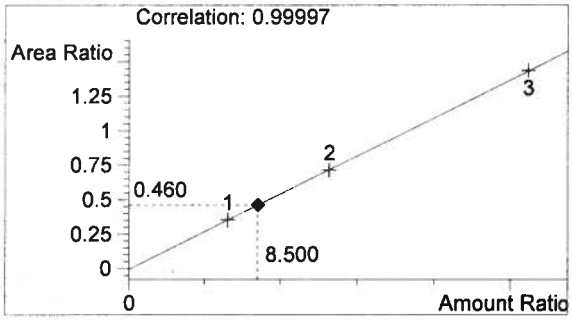
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:38:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

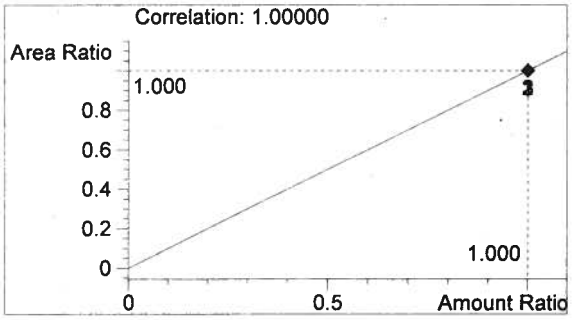
Sample Name: 13056 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1592	1.744



Ethanol 0.102 g/100mL

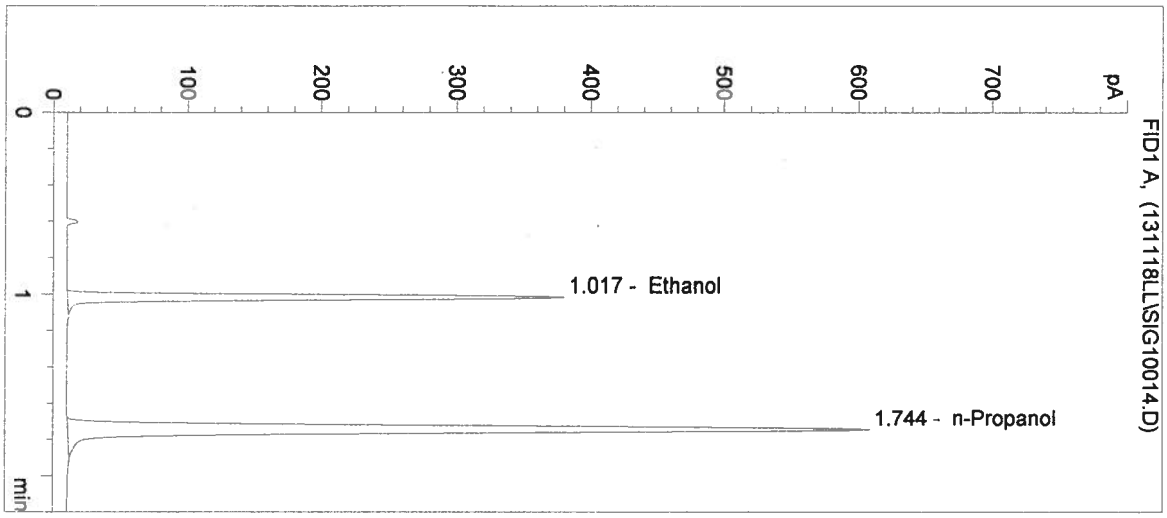


n-Propanol 0.012 g/100mL

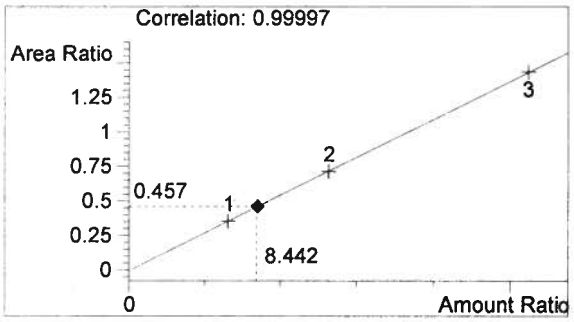
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:41:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

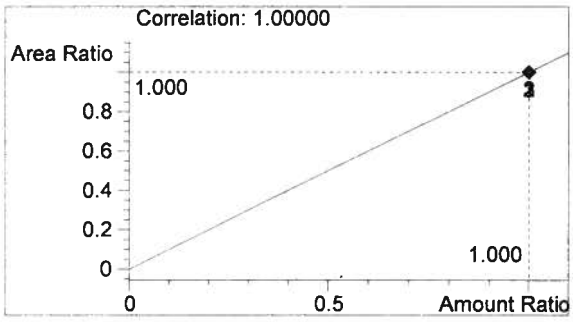
Sample Name: 13056 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	738	1.017
2	n-Propanol	1614	1.744



Ethanol 0.101 g/100mL

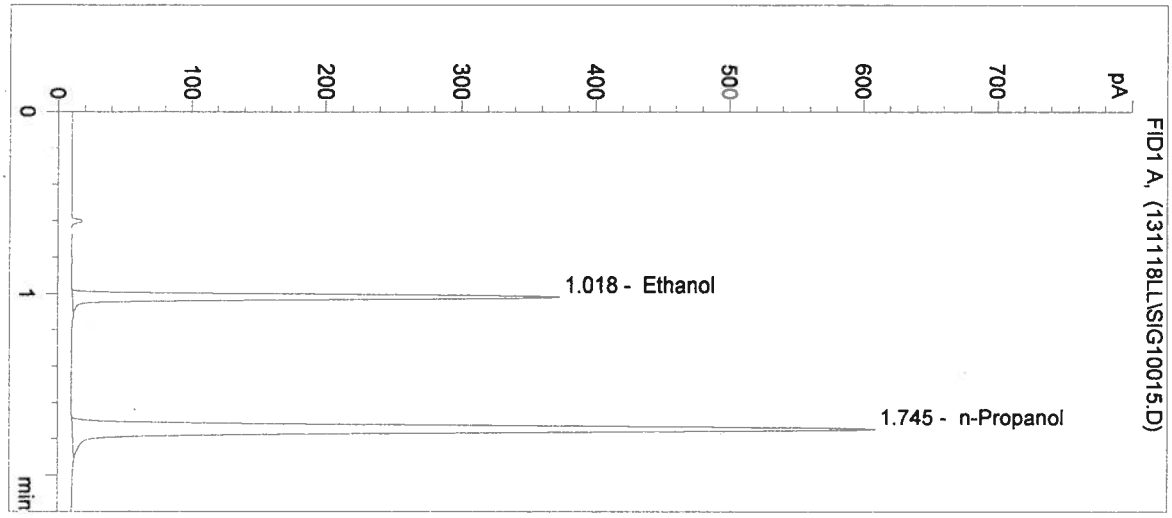


n-Propanol 0.012 g/100mL

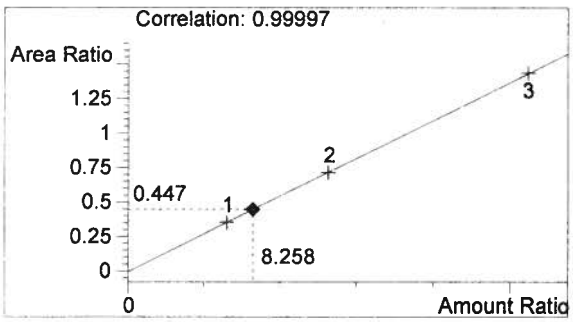
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:44:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

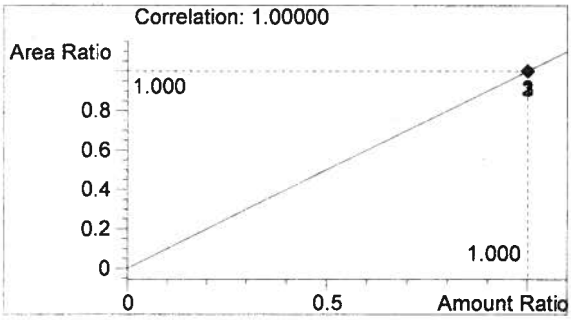
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	723	1.018
2	n-Propanol	1618	1.745



Ethanol 0.099 g/100mL



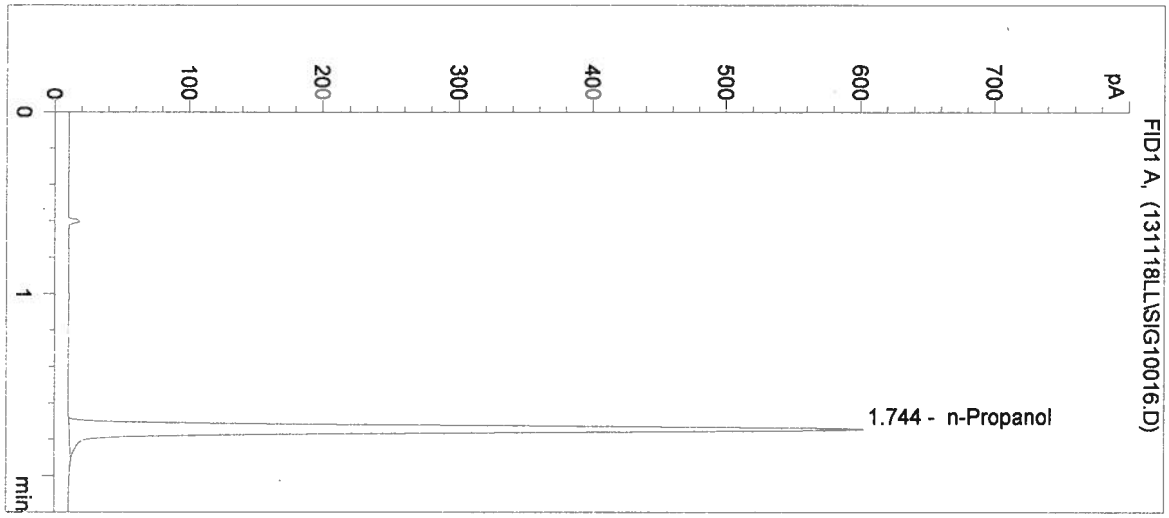
n-Propanol 0.012 g/100mL

13056

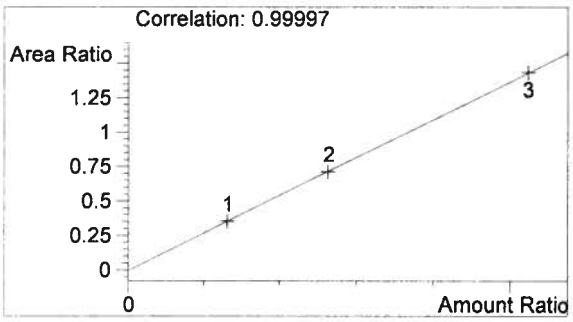
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/18/2013 9:47:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

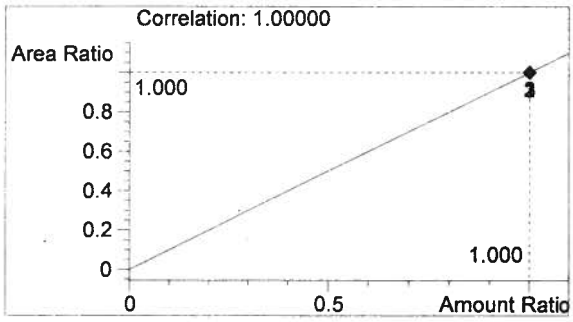
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1601	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

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

Sequence Parameters:

Operator:	Katie Knorr
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131119KK
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

KK

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

Sequence Table (Back Injector):

No entries - empty table!

13056

KK
11/19/13
131119KK

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

Calibration Table

Calib. Data Modified : Tuesday, November 19, 2013 2:47:59 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
1.017	1	1	7.87500e-2	564.33344	1.39545e-4	1		Ethanol
		2	1.58140e-1	1196.93567	1.32121e-4			
		3	3.14420e-1	2120.90479	1.48248e-4			
1.742	1	1	1.20000e-2	1584.56116	7.57307e-6	I1		n-Propanol
		2	1.20000e-2	1666.36023	7.20132e-6			
		3	1.20000e-2	1519.58875	7.89687e-6			

Peak Sum Table

No Entries in table

13056

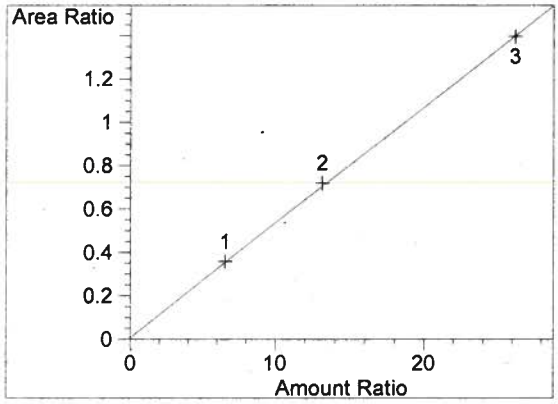
KK 11/19/13

131119KK

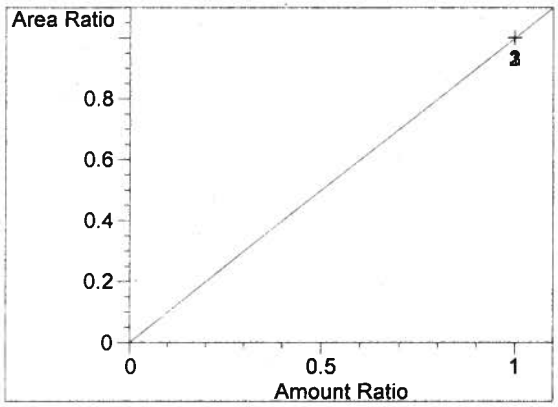
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99992
Residual Std. Dev.: 0.00944
Formula: y = mx + b
m: 5.32553e-2
b: 5.86647e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

==========

13056

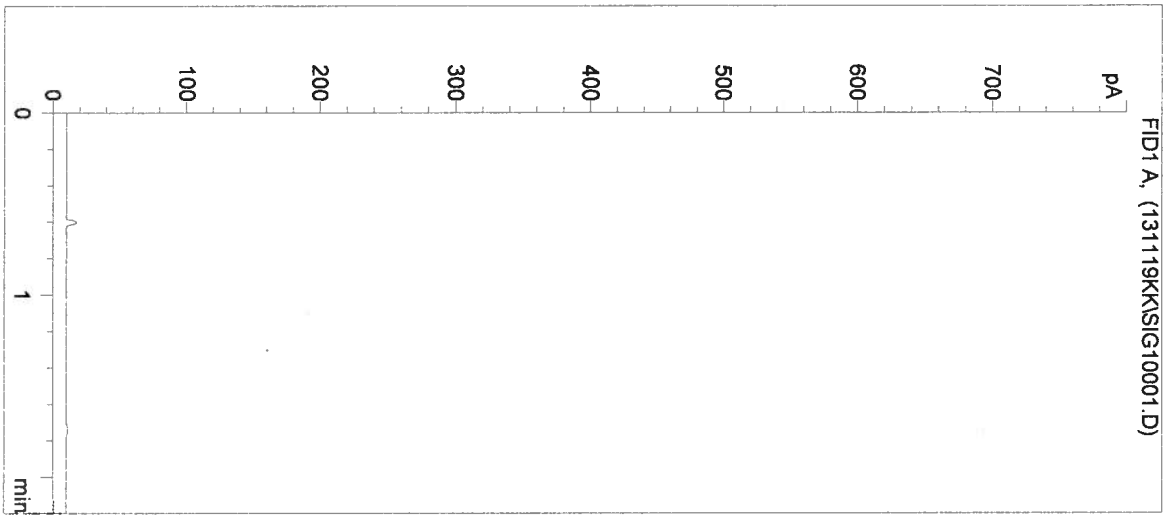
KK 11/19/13

131119 KK

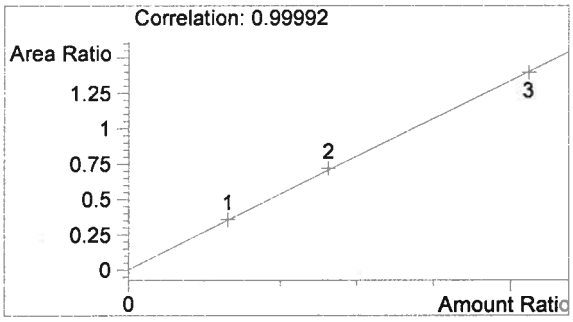
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:36:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

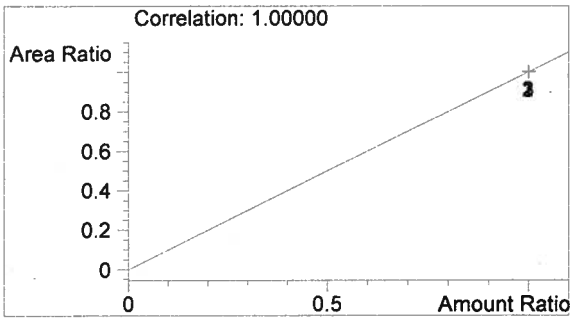
Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

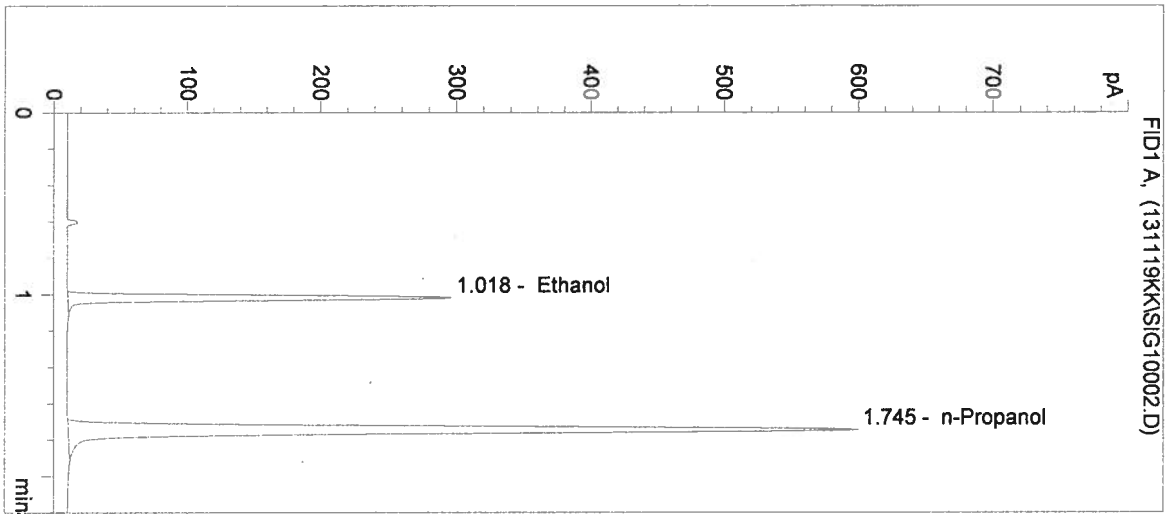
13056

KK

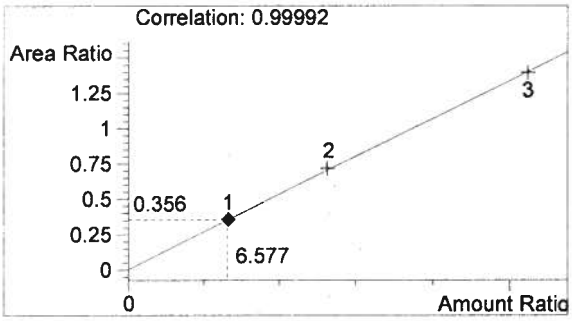
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:39:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

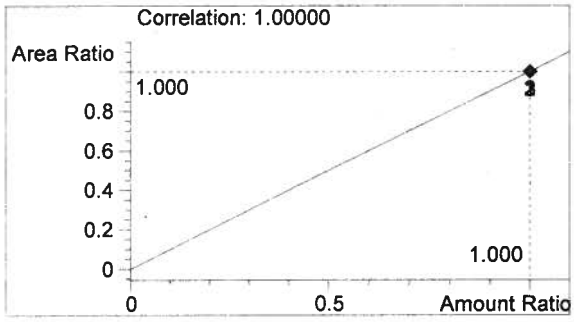
Sample Name: 0.079 CAL 1
Operator: Katie Knorr
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	564	1.018
2	n-Propanol	1585	1.745



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

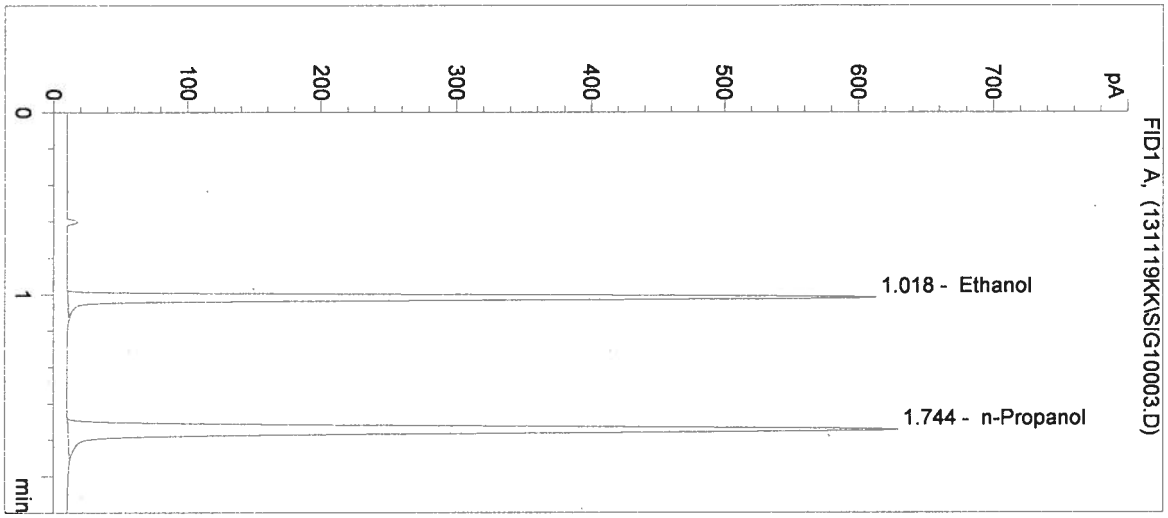
13056

KK

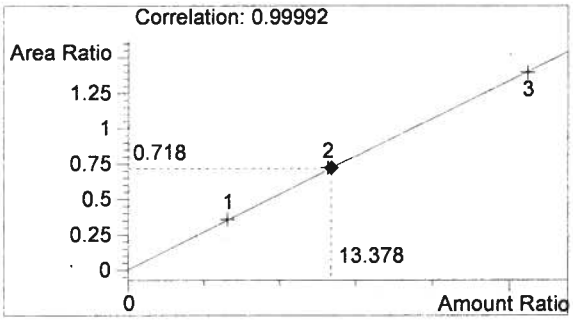
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:42:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

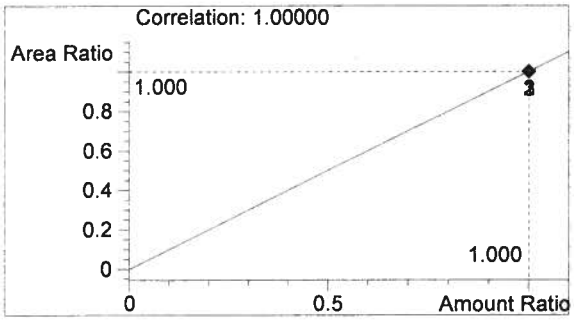
Sample Name: 0.158 CAL 2
Operator: Katie Knorr
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1197	1.018
2	n-Propanol	1666	1.744



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

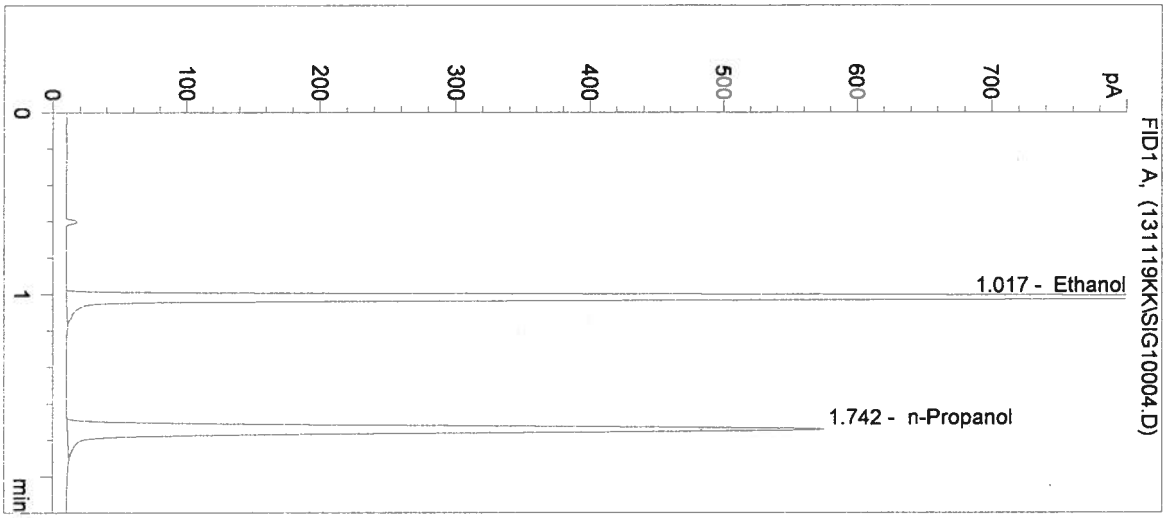
13056

KK

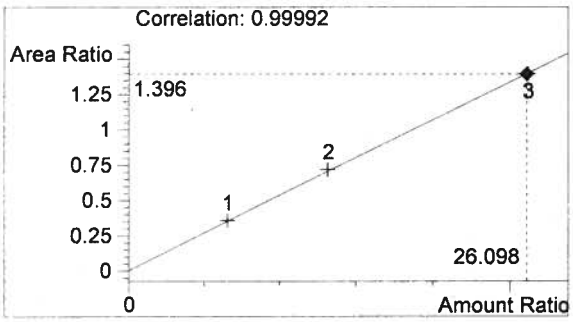
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:45:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

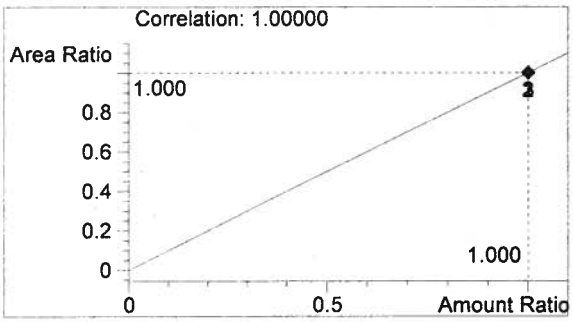
Sample Name: 0.316 CAL 3
Operator: Katie Knorr
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2121	1.017
2	n-Propanol	1520	1.742



Ethanol 0.313 g/100mL



n-Propanol 0.012 g/100mL

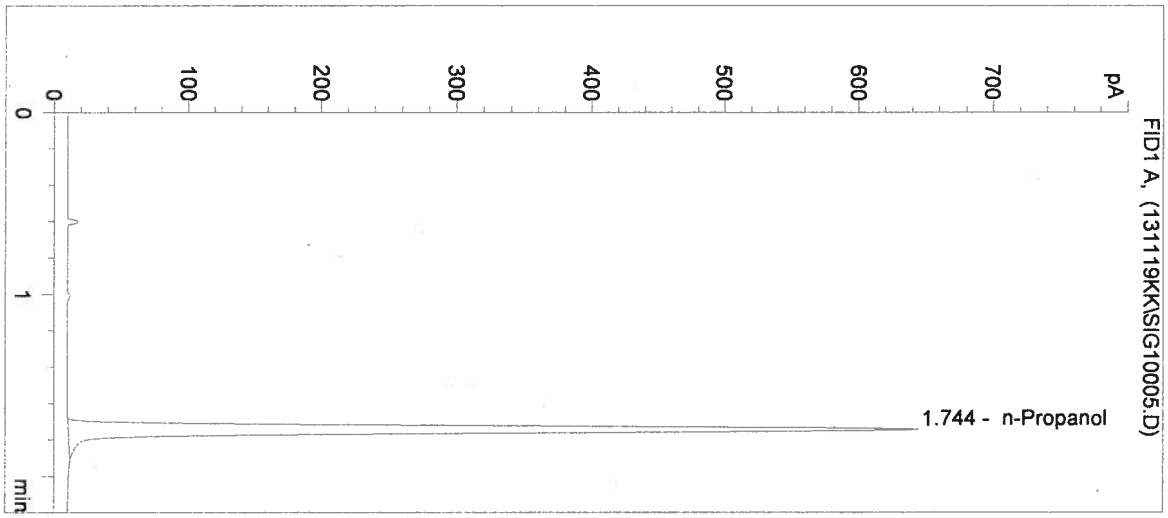
13056

KK

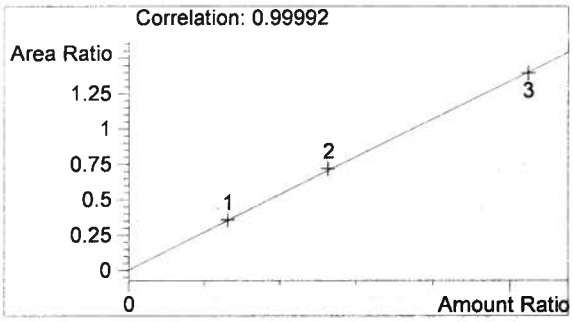
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:48:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

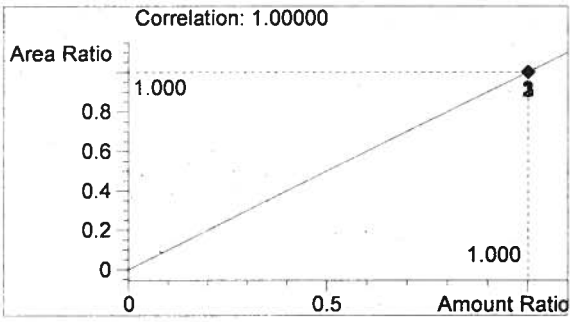
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1705	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

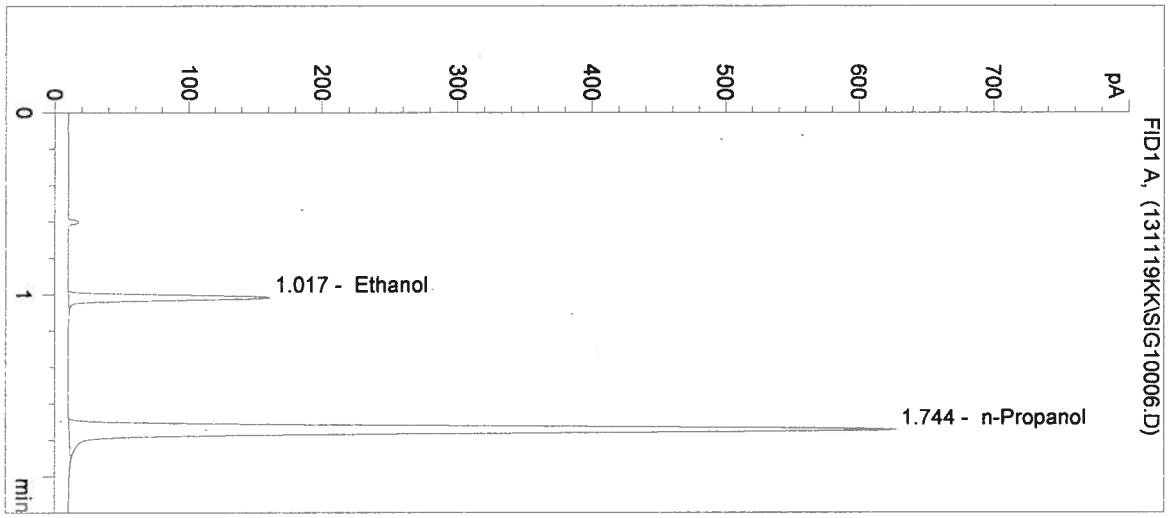
13056

KK

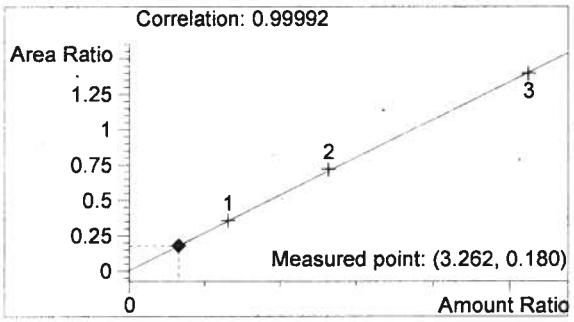
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:52:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

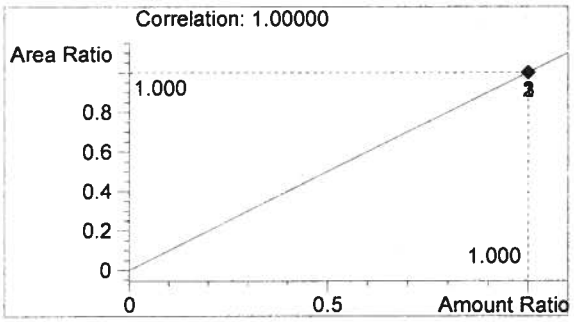
Sample Name: 0.04 CTRL
Operator: Katie Knorr
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	298	1.017
2	n-Propanol	1662	1.744



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

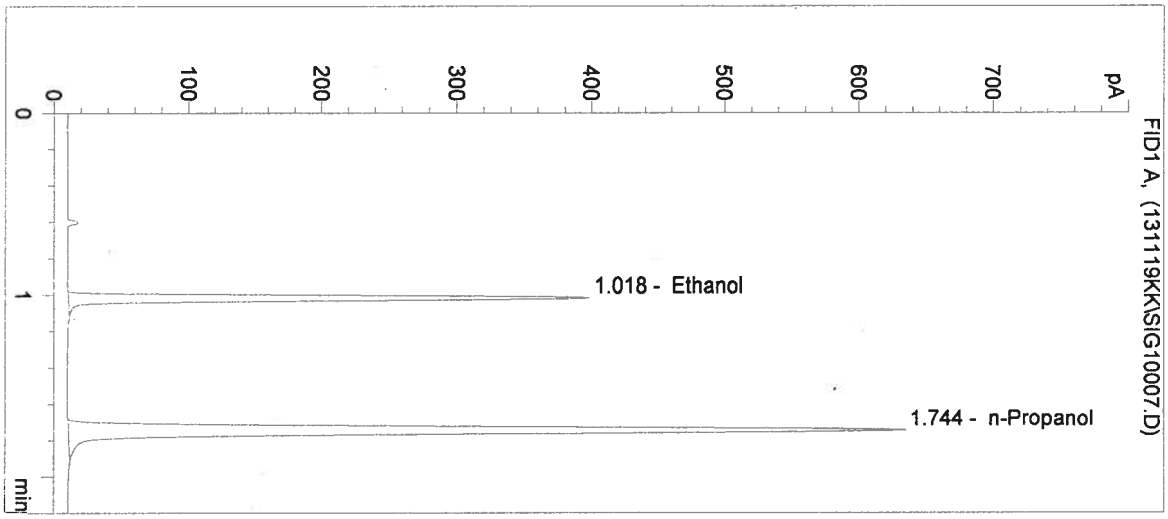
13056

KK

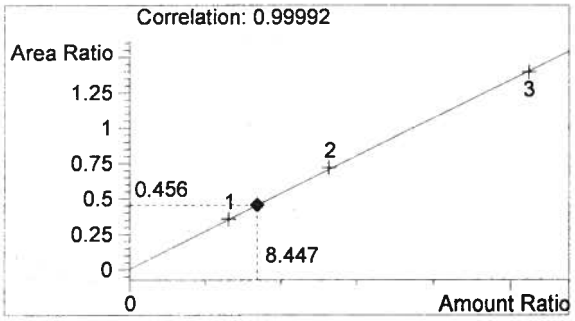
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:55:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

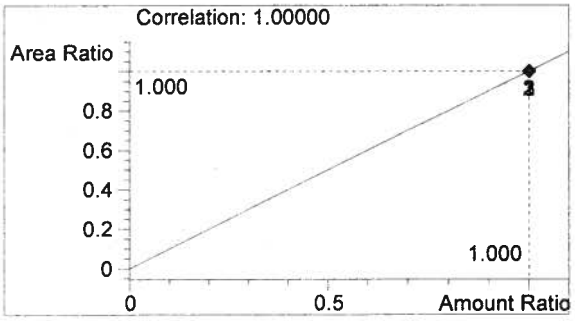
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	765	1.018
2	n-Propanol	1679	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

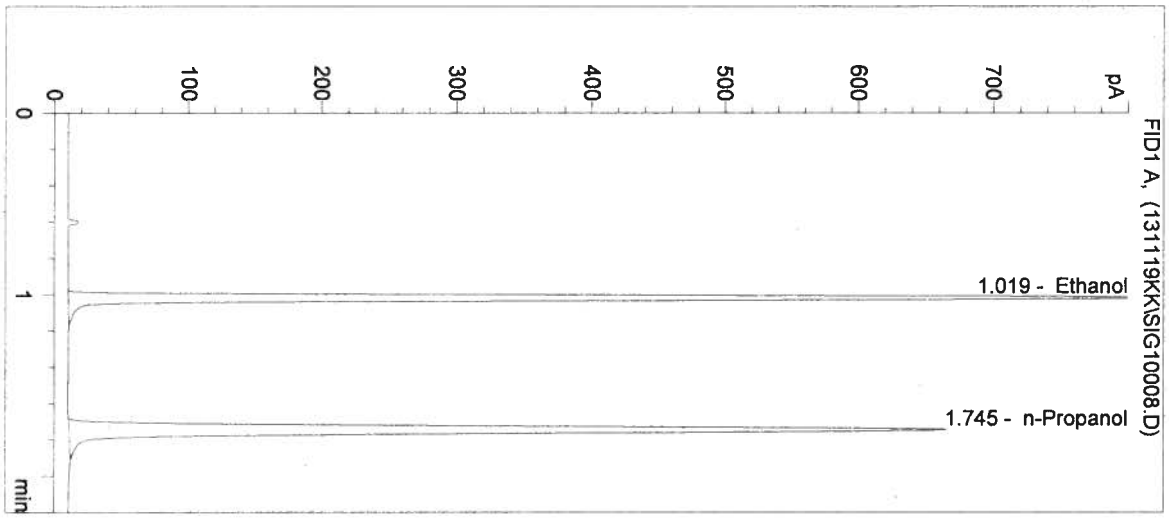
13056

KK

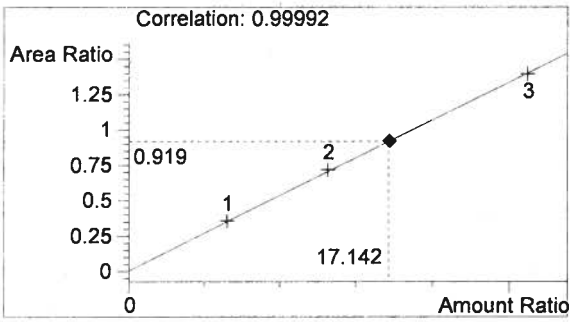
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 2:58:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

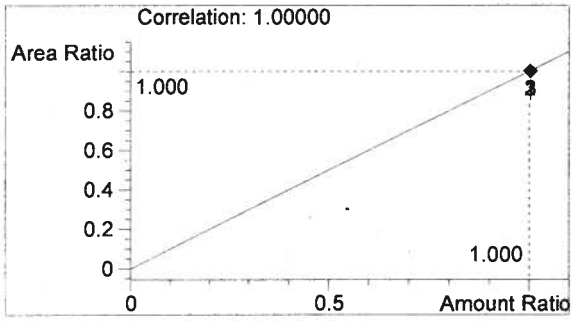
Sample Name: 0.20 CTRL
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1613	1.019
2	n-Propanol	1756	1.745



Ethanol 0.206 g/100mL



n-Propanol 0.012 g/100mL

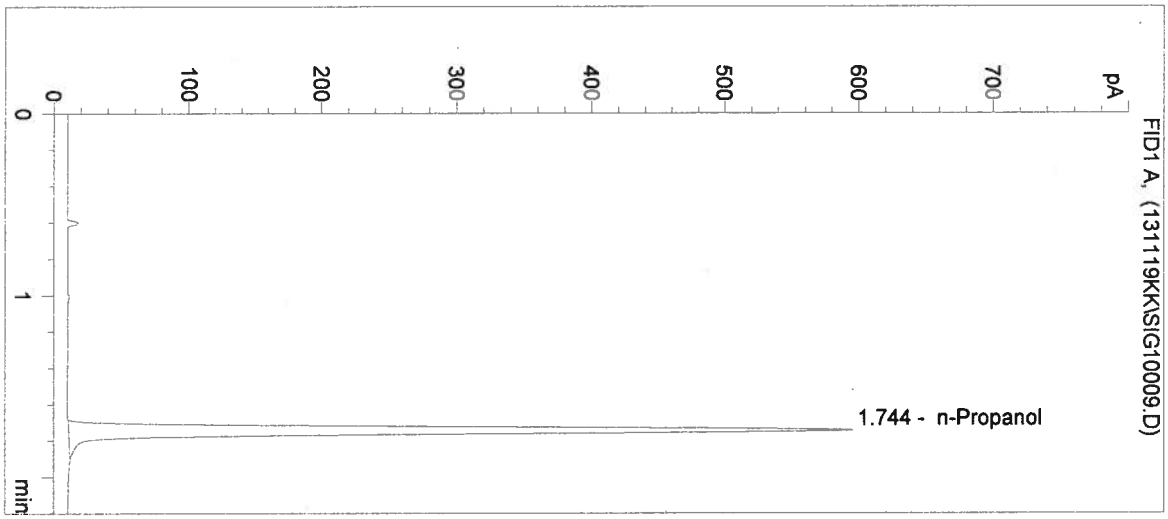
13056

KK

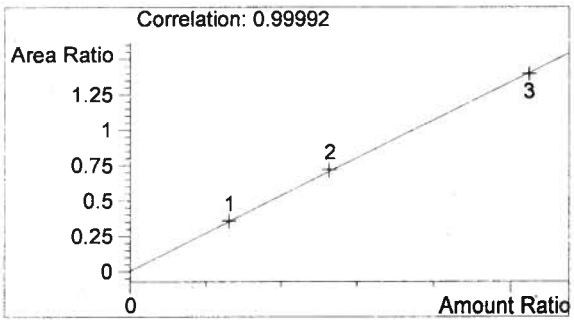
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:01:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

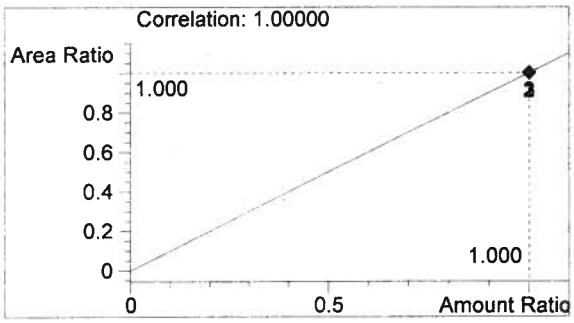
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1571	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

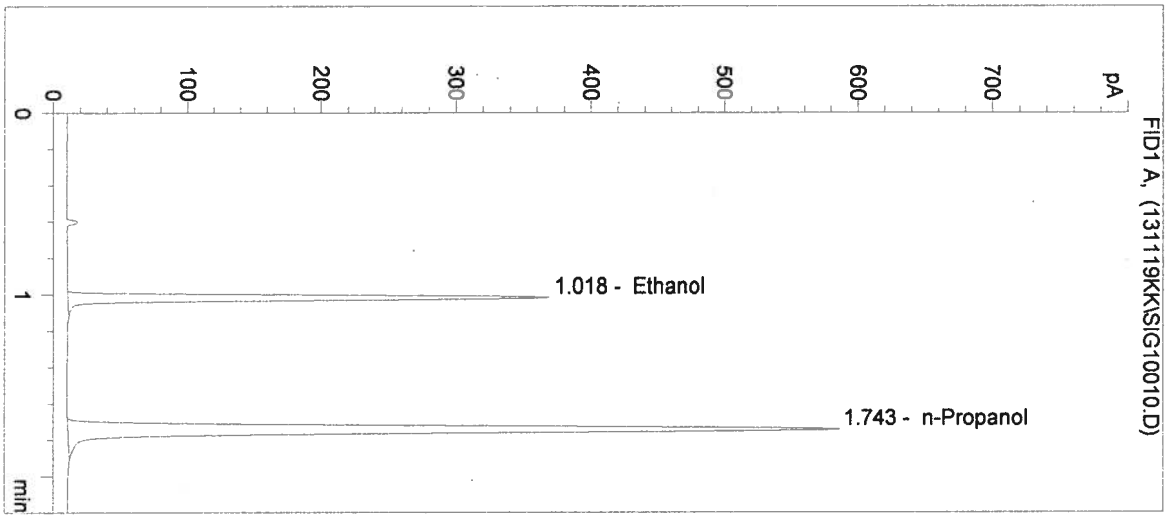
13056

KK

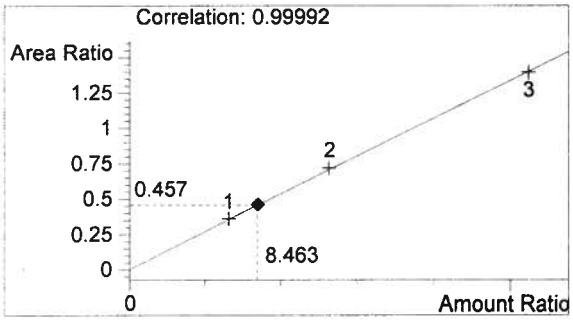
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:04:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

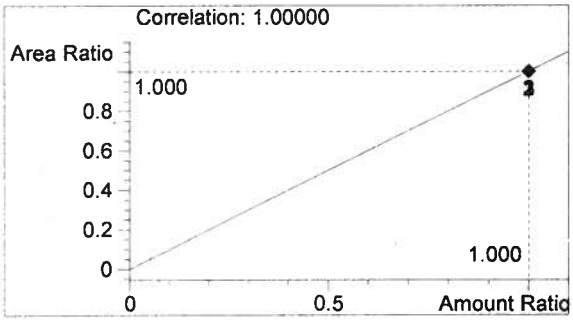
Sample Name: 13056 #1
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.018
2	n-Propanol	1545	1.743



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

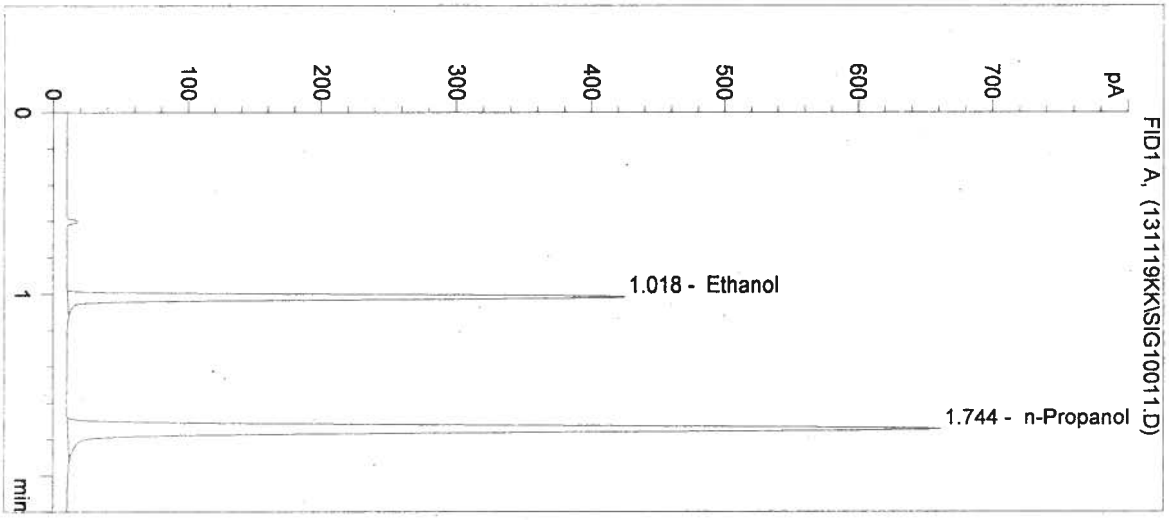
Data File: C:\HPCHEM\2\DATA\131119KK\SIG10010.D

KK

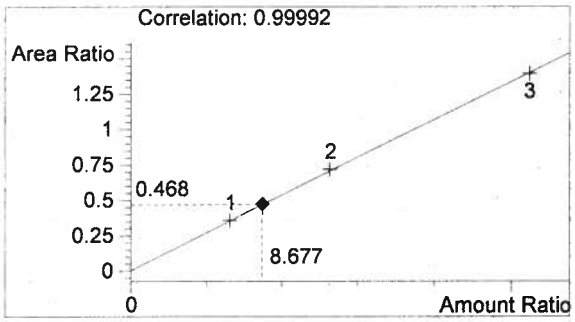
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:07:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

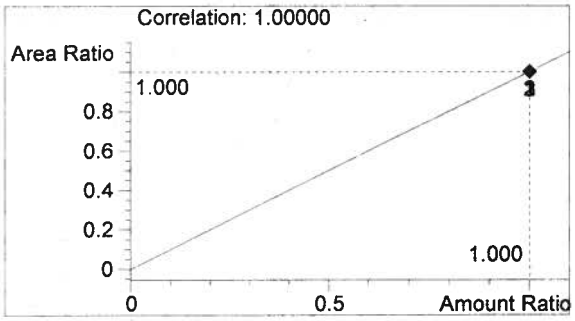
Sample Name: 13056 #2
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	817	1.018
2	n-Propanol	1746	1.744



Ethanol 0.104 g/100mL



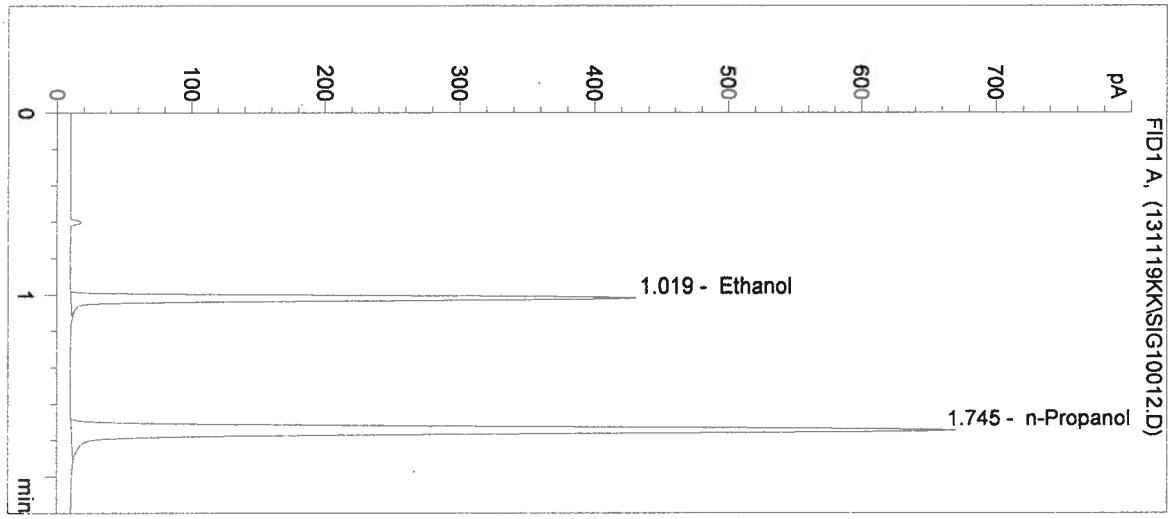
n-Propanol 0.012 g/100mL

KK

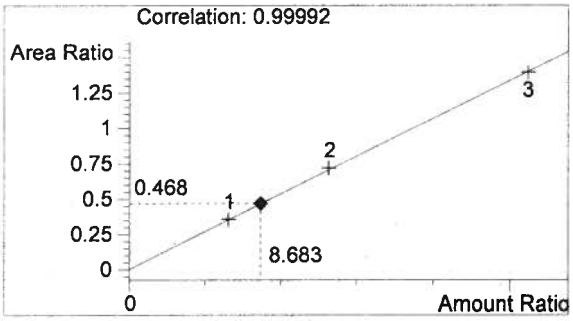
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:10:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

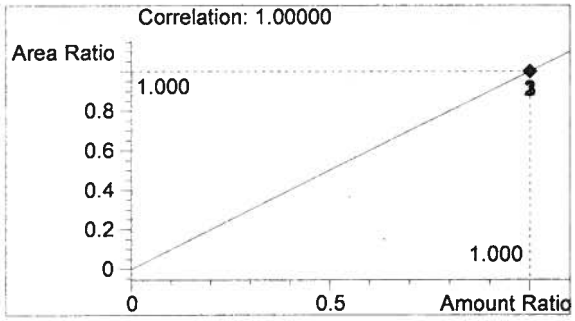
Sample Name: 13056 #3
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	830	1.019
2	n-Propanol	1772	1.745



Ethanol 0.104 g/100mL



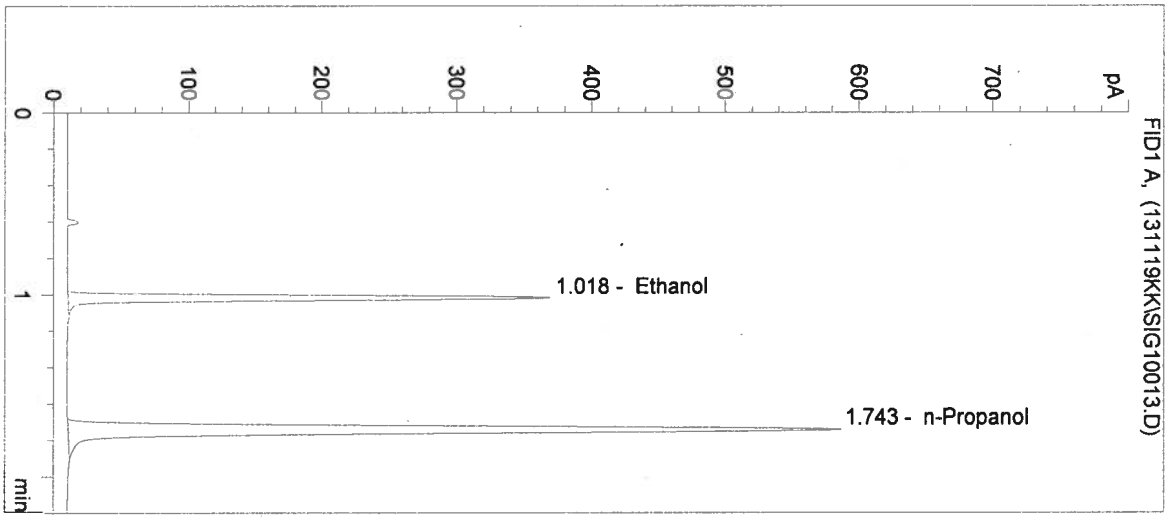
n-Propanol 0.012 g/100mL

KK

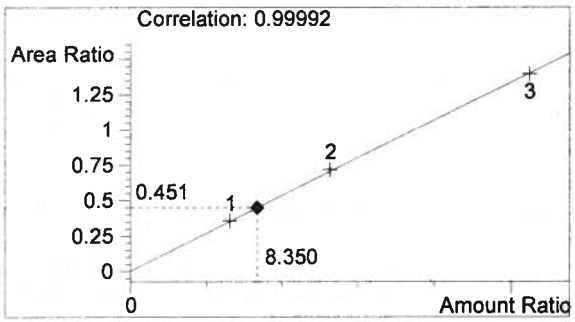
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:13:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

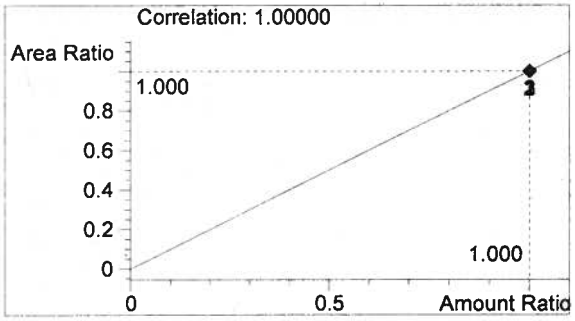
Sample Name: 13056 #4
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.018
2	n-Propanol	1547	1.743



Ethanol 0.100 g/100mL



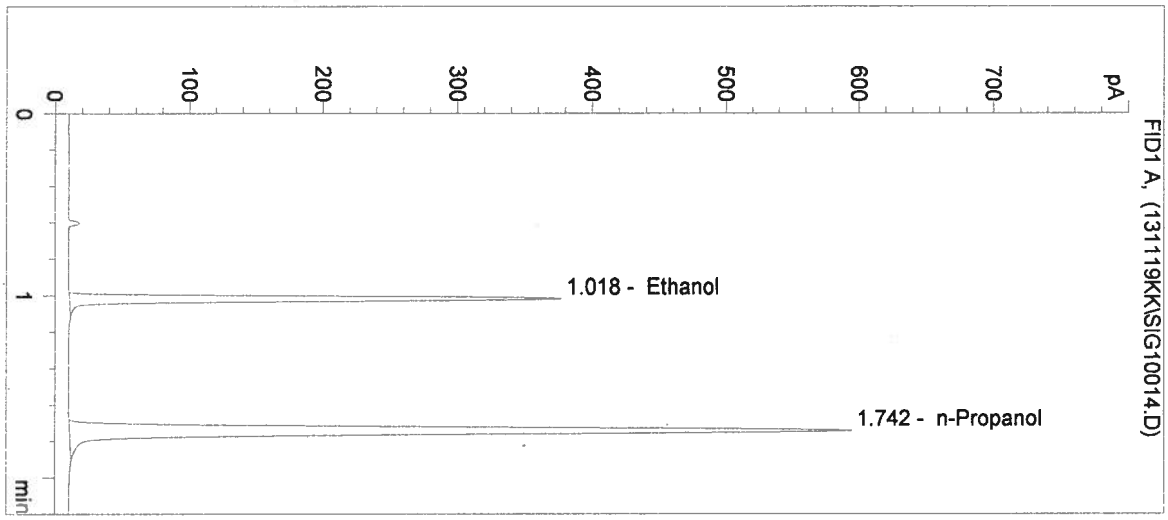
n-Propanol 0.012 g/100mL

KK

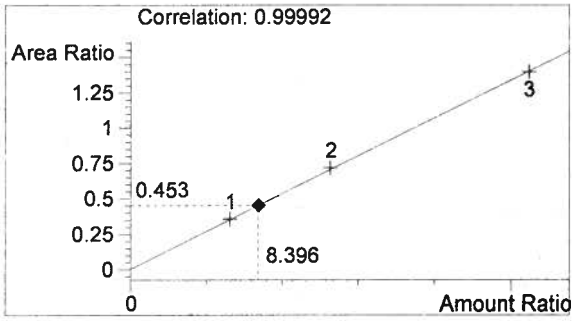
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:17:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

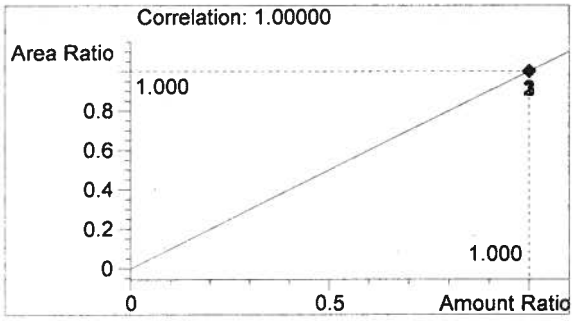
Sample Name: 13056 #5
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	709	1.018
2	n-Propanol	1565	1.742



Ethanol 0.101 g/100mL



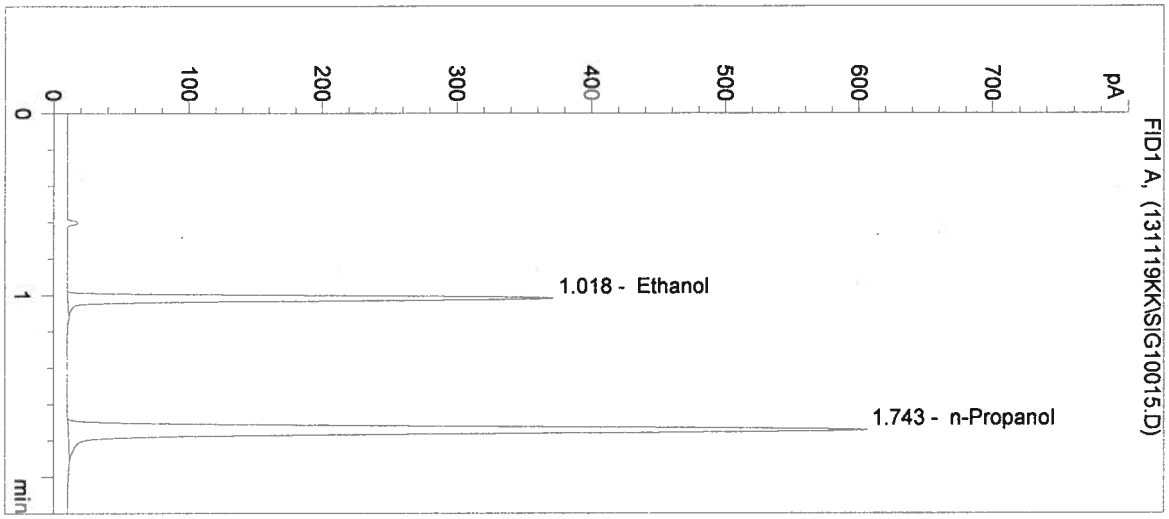
n-Propanol 0.012 g/100mL

KK

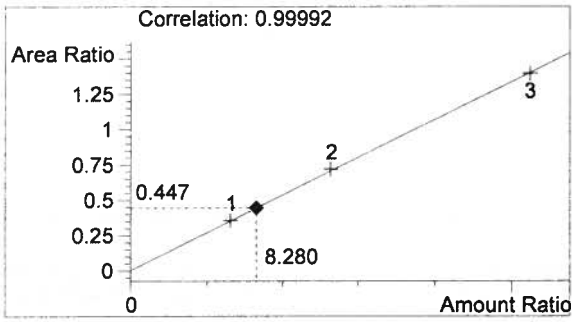
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:20:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

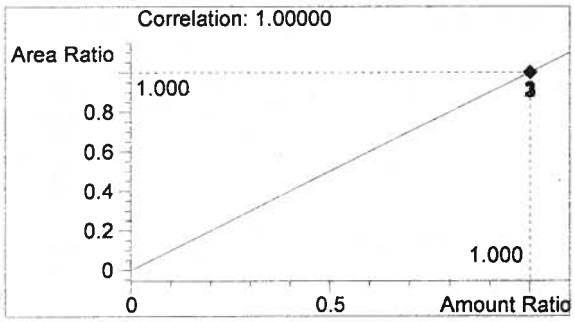
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	714	1.018
2	n-Propanol	1599	1.743



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

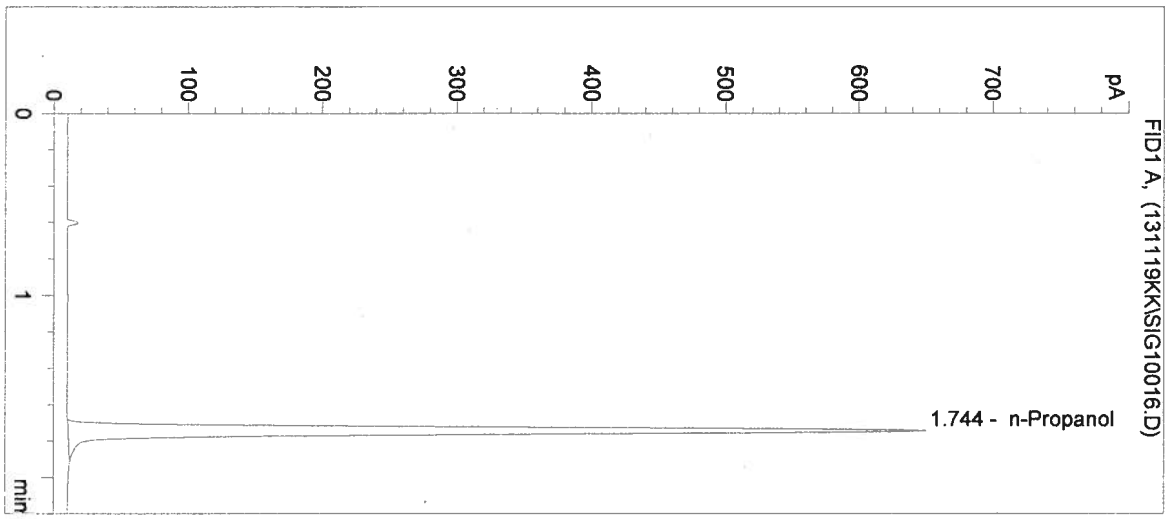
13056

KK

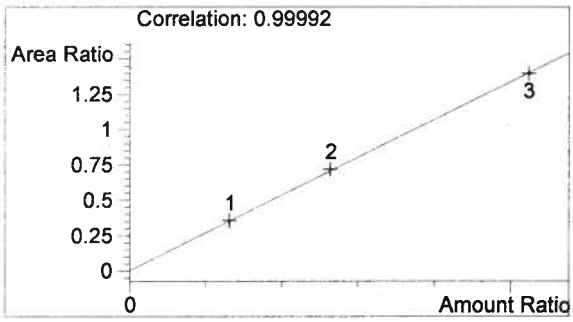
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/19/2013 3:23:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

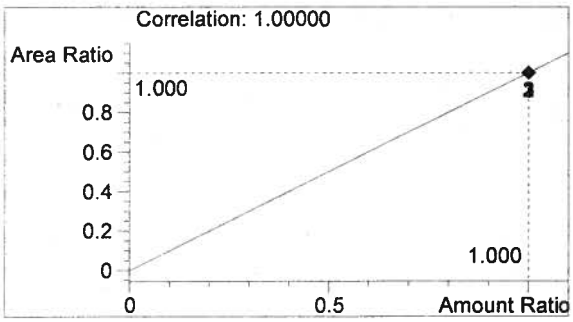
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1719	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

KK

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

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131122JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/2014
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/2014
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/2014
CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017
CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016

Internal Standard Lot#P1113 - Exp. 2/14/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056-1	SIMALC3	1	Sample		
11	Vial 11	13056-2	SIMALC3	1	Sample		
12	Vial 12	13056-3	SIMALC3	1	Sample		
13	Vial 13	13056-4	SIMALC3	1	Sample		
14	Vial 14	13056-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

JK

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

Sequence Table (Back Injector):

No entries - empty table!

13056

Calibration Table

Calib. Data Modified : Friday, November 22, 2013 9:49:56 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
1.016	1	1	7.87500e-2	518.94275	1.51751e-4	1		Ethanol
		2	1.58140e-1	1030.26343	1.53495e-4			
		3	3.14420e-1	2056.65845	1.52879e-4			
1.742	1	1	1.20000e-2	1499.59375	8.00217e-6		I1	n-Propanol
		2	1.20000e-2	1494.08923	8.03165e-6			
		3	1.20000e-2	1492.93542	8.03786e-6			

Peak Sum Table

No Entries in table

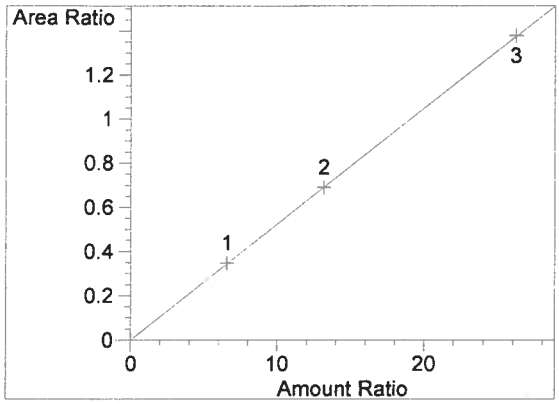
13056

JK

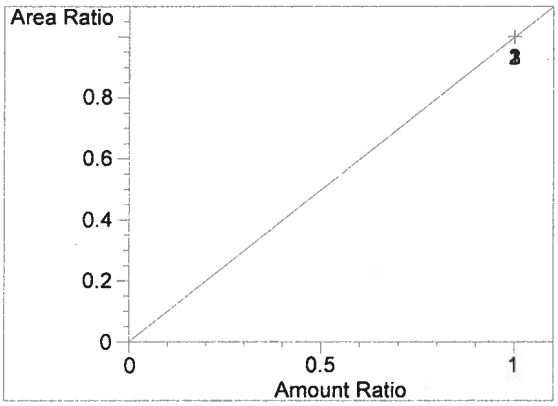
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.016
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00228
Formula: y = mx + b
m: 5.25482e-2
b: -2.47268e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

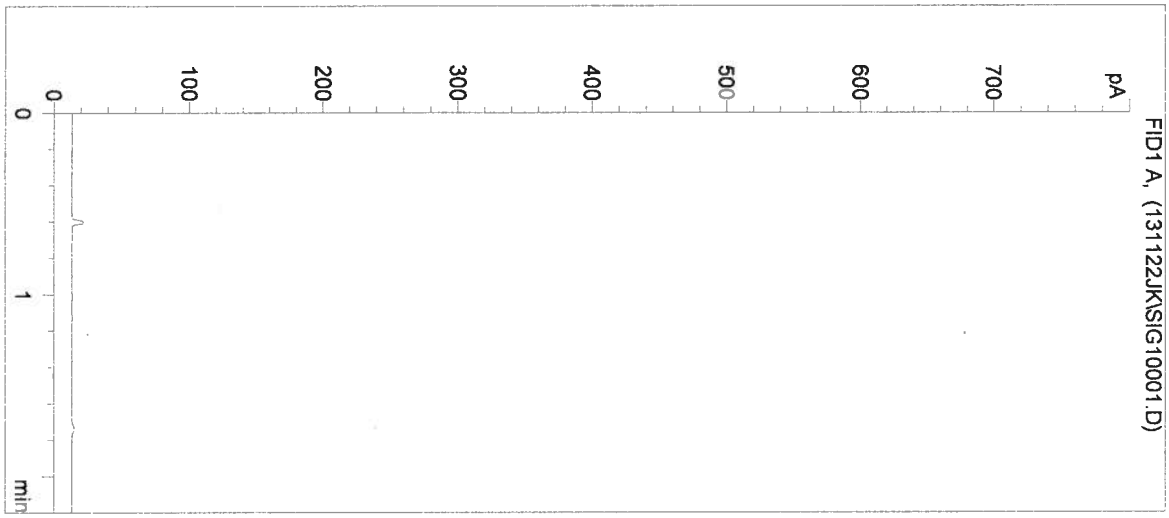
==========

13056

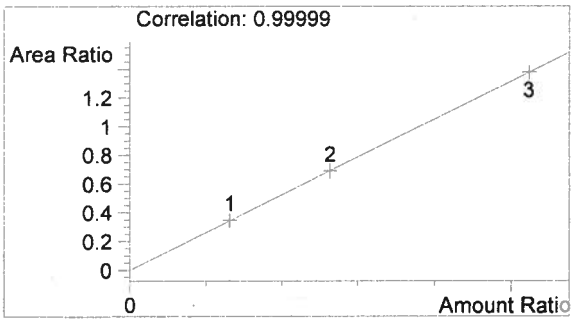
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:38:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

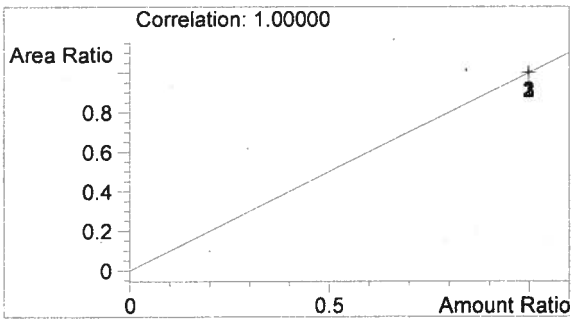
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

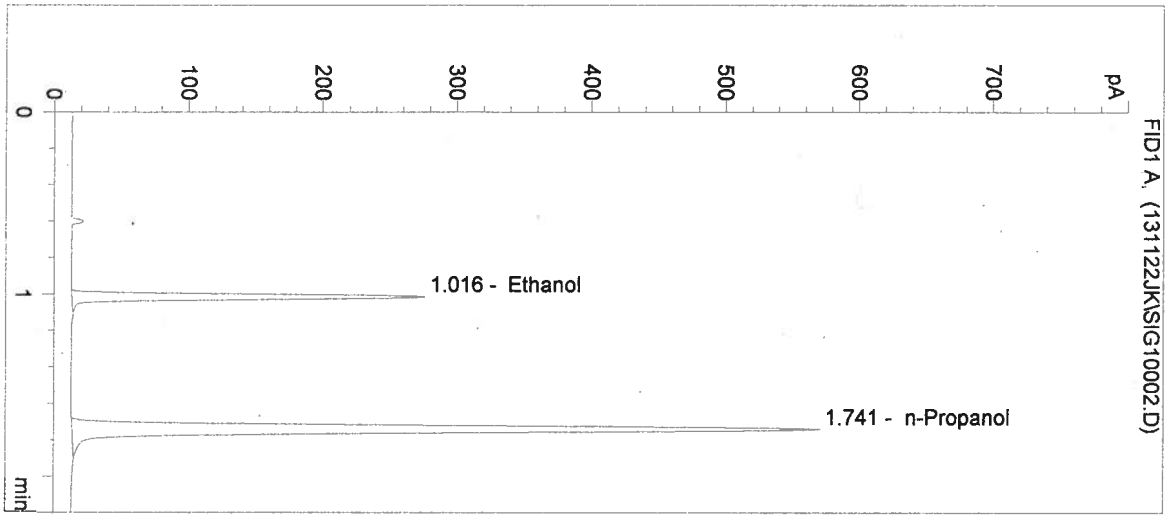
13056

JK

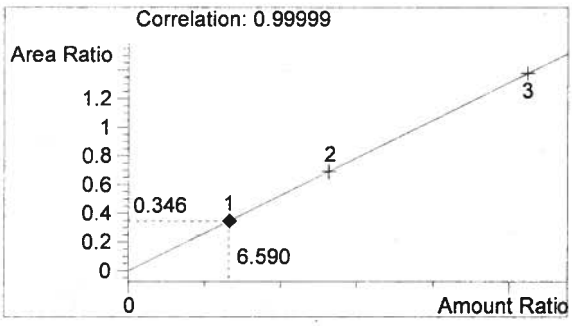
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:41:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-01 - Exp. 01/24/2014

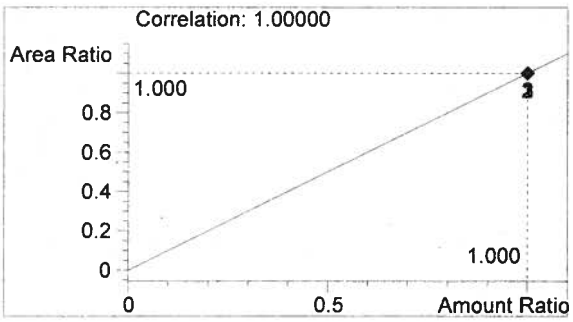
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	519	1.016
2	n-Propanol	1500	1.741



Ethanol 0.079 g/100mL



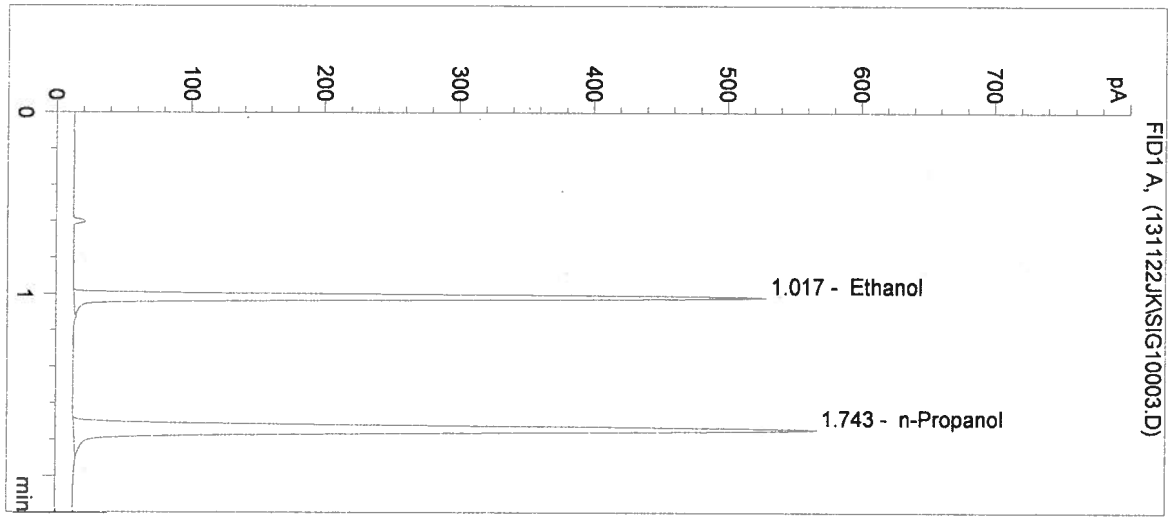
n-Propanol 0.012 g/100mL

F13056

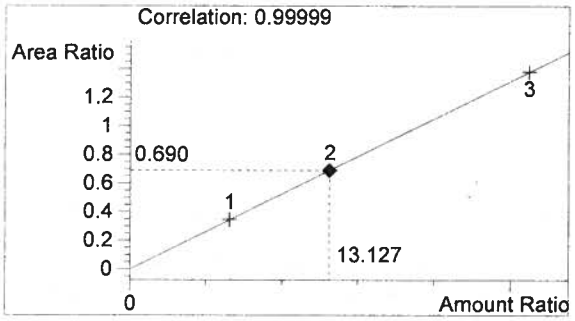
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:44:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-02 - Exp. 01/24/2014

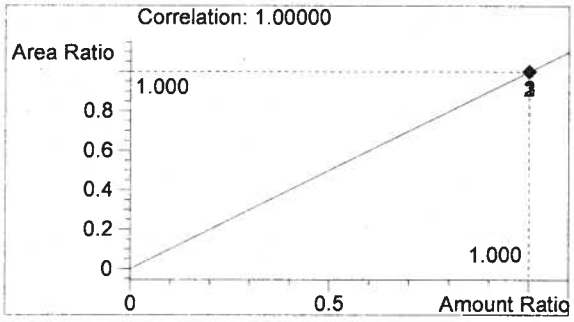
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1030	1.017
2	n-Propanol	1494	1.743



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

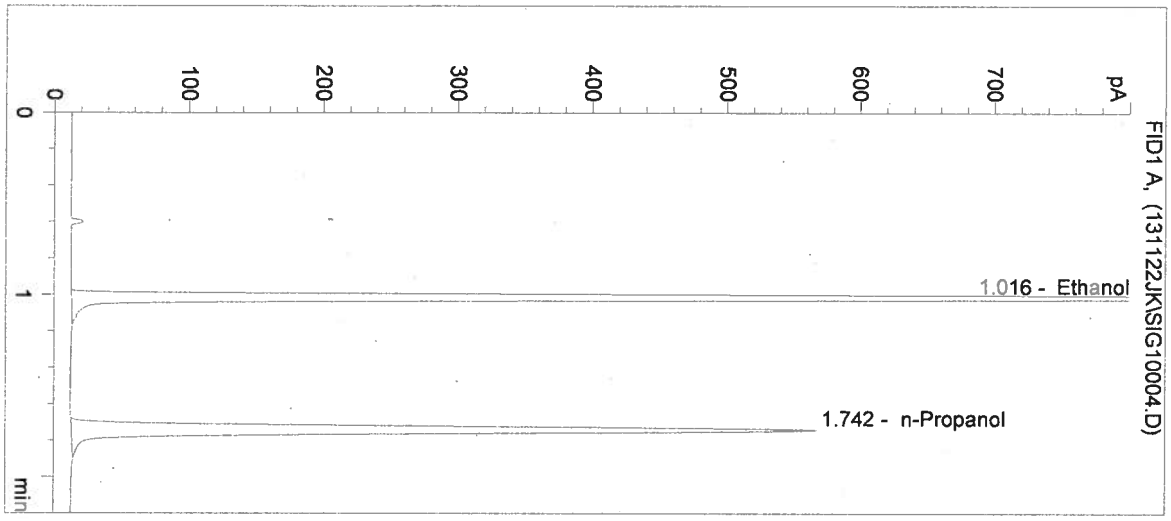
13056

Data File: C:\HPCHEM\2\DATA\131122JK\SIG10003.D

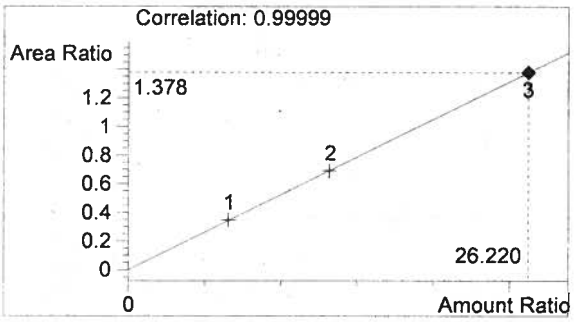
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:47:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-03 - Exp.01/24/2014

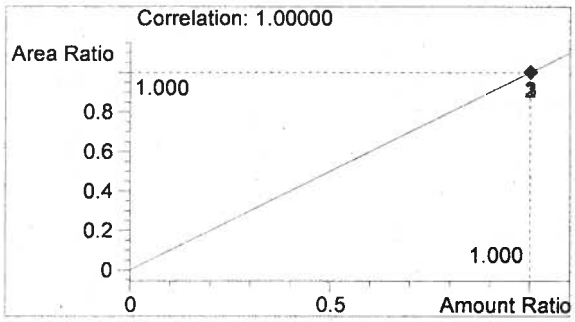
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2057	1.016
2	n-Propanol	1493	1.742



Ethanol 0.315 g/100mL



n-Propanol 0.012 g/100mL

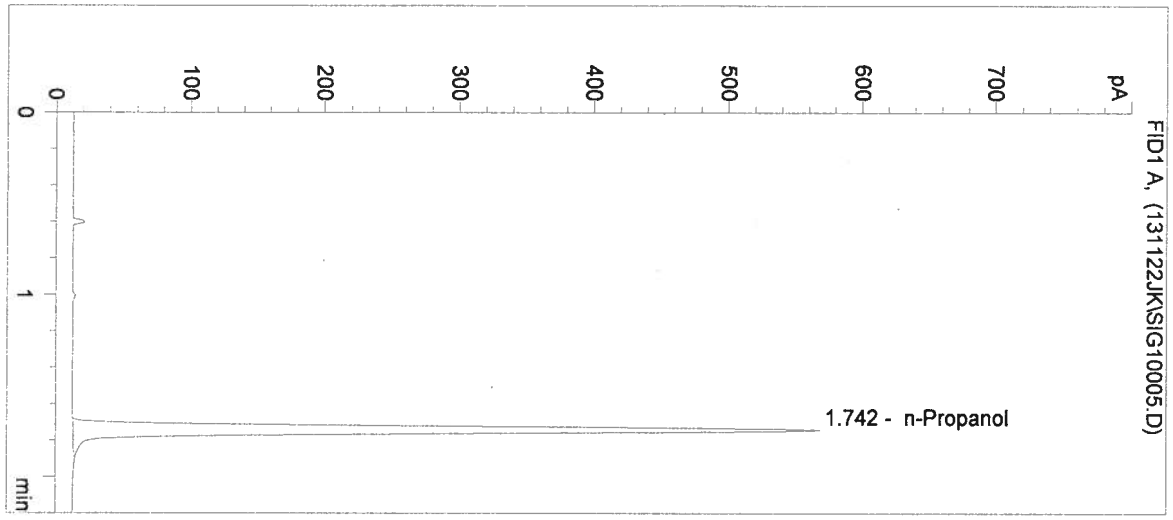
13056

JK

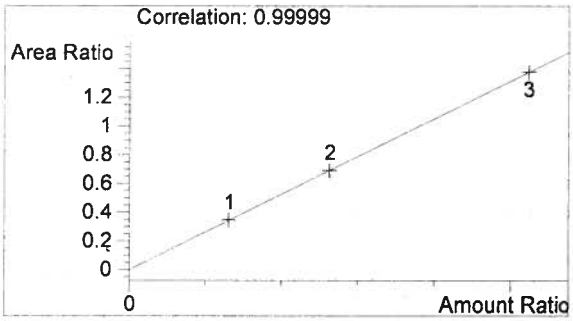
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:50:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

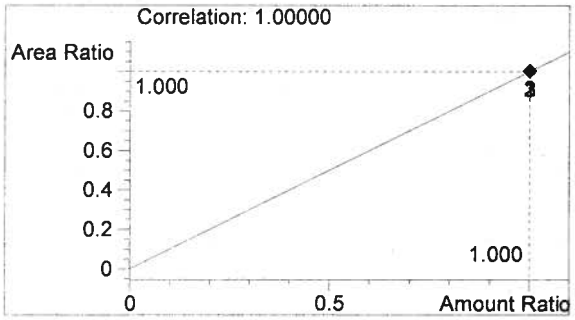
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1501	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

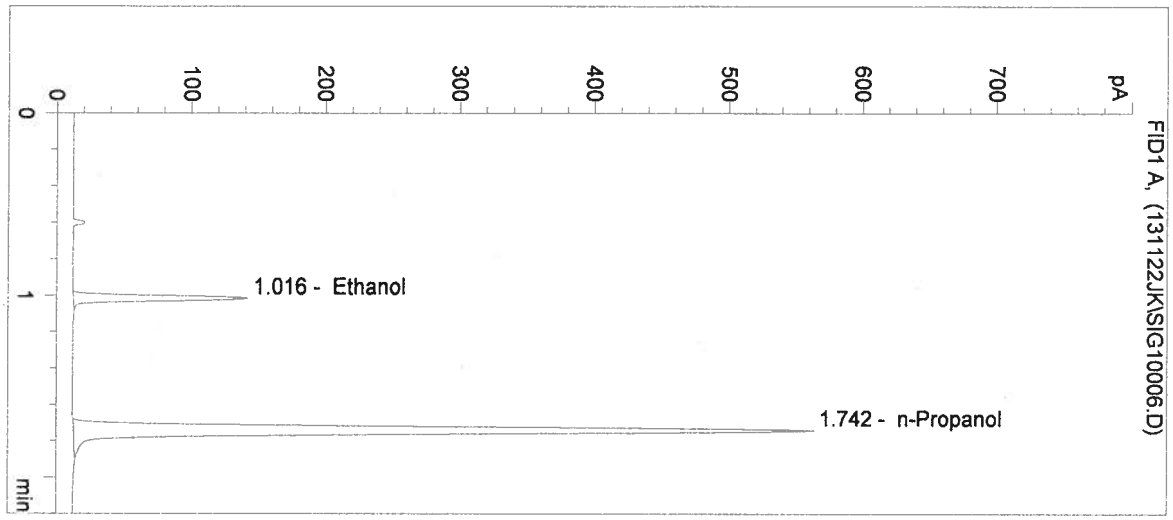
13056

JK

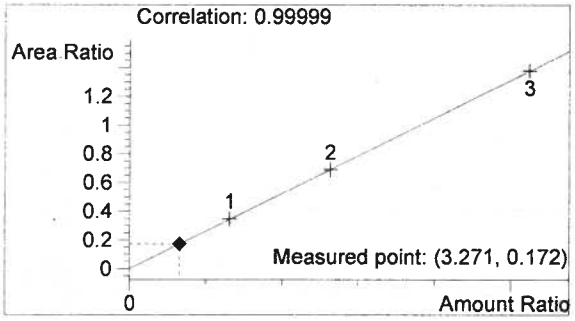
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:53:58 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

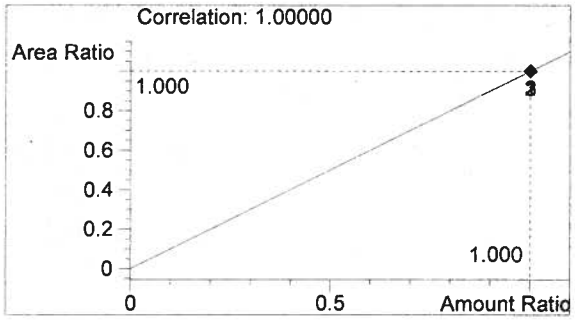
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	255	1.016
2	n-Propanol	1486	1.742



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

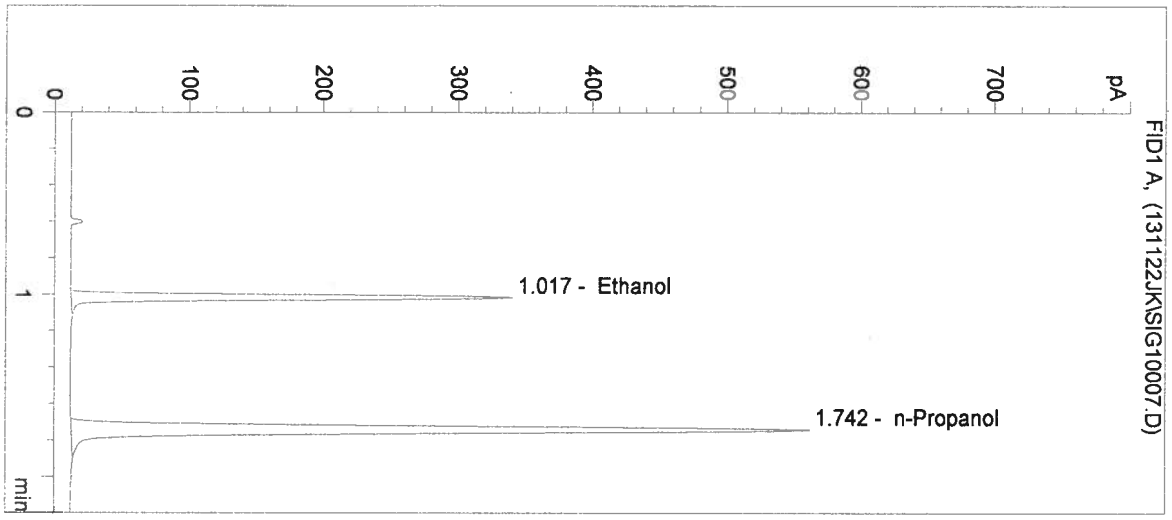
13056

JK

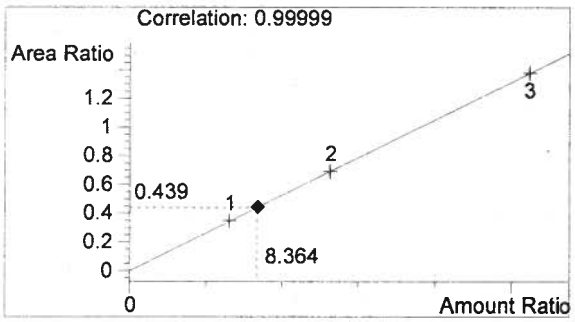
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 9:57:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

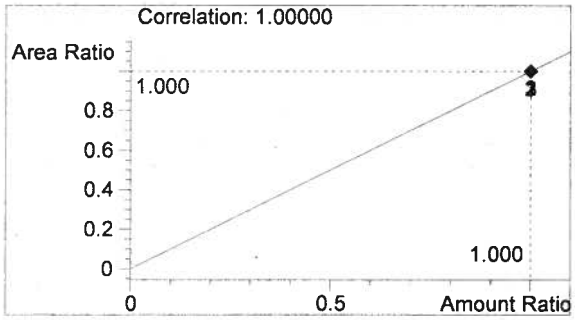
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	649	1.017
2	n-Propanol	1477	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

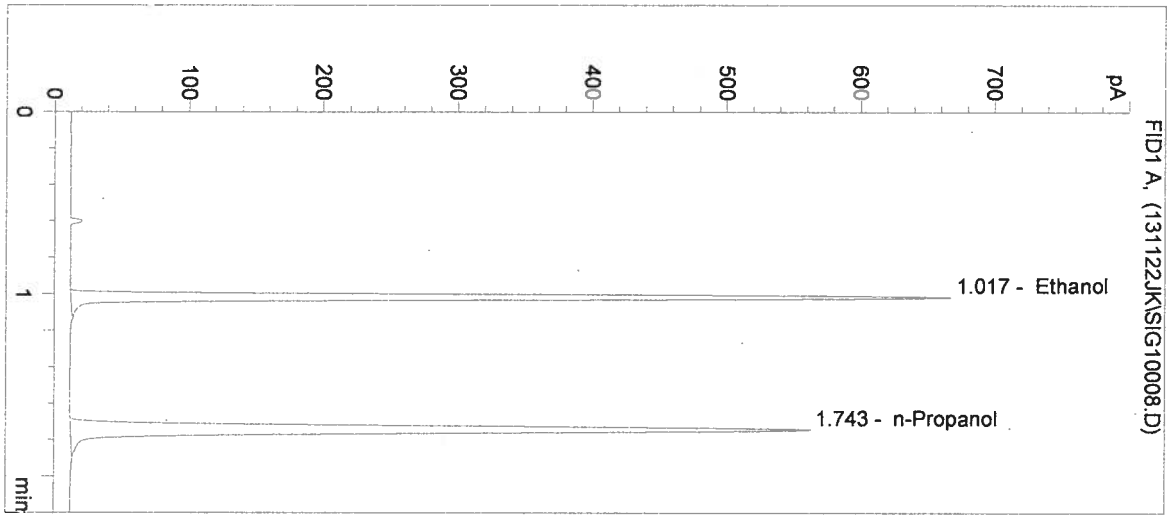
13056

NK

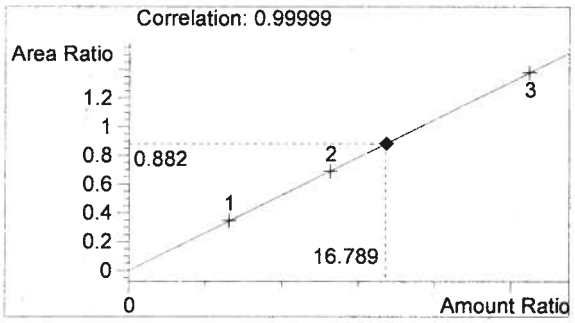
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:00:13 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

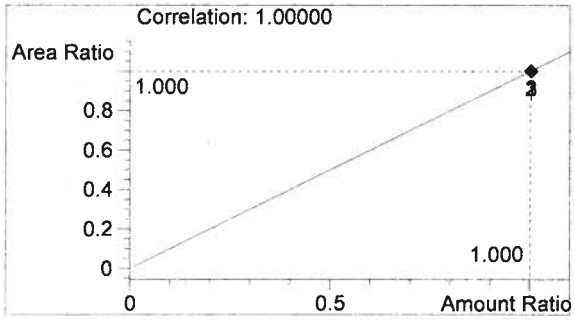
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1308	1.017
2	n-Propanol	1483	1.743



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

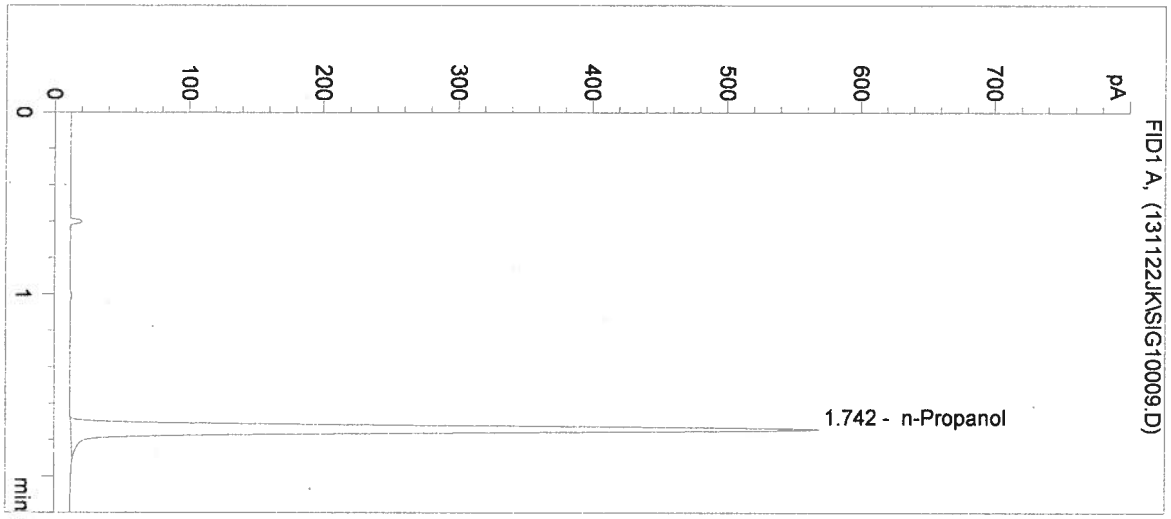
13056

Data File: C:\HPCHEM\2\DATA\131122JK\SIG10008.D

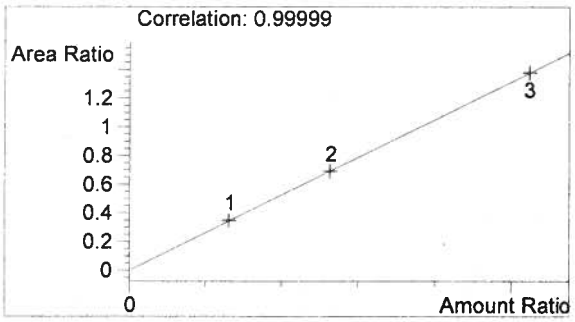
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:03:21 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

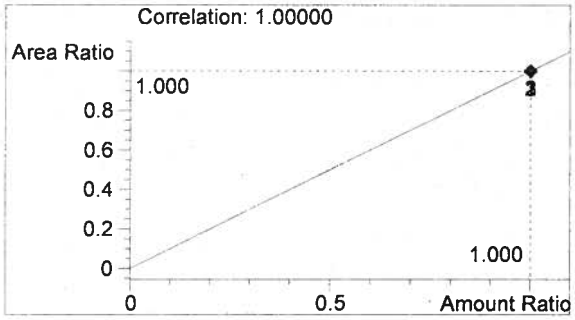
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1502	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

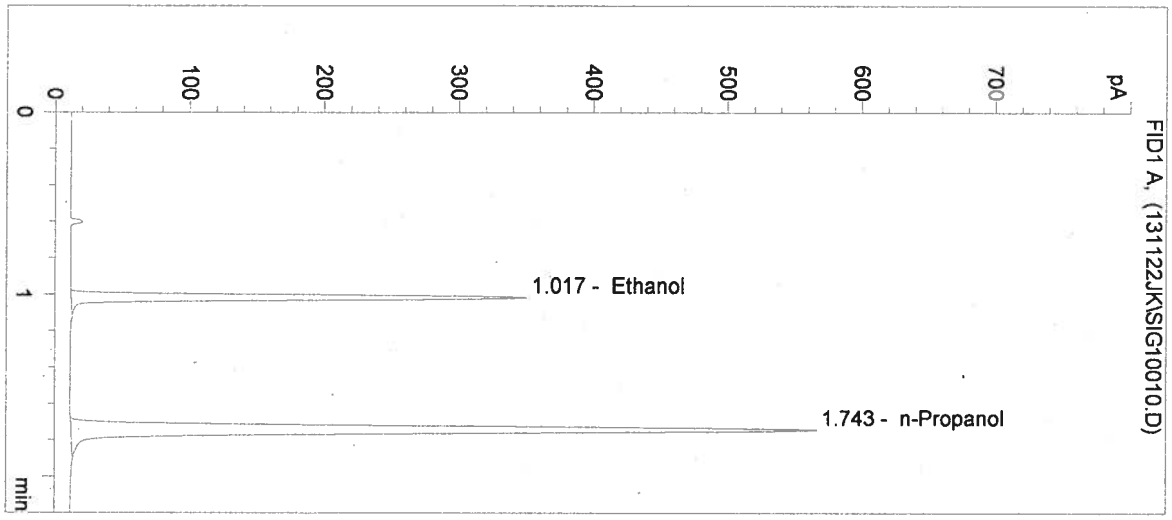
13056

Data File: C:\HPCHEM\2\DATA\131122JK\SIG10009.D

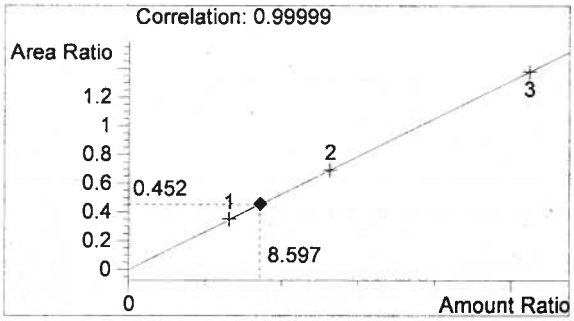
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:06:29 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

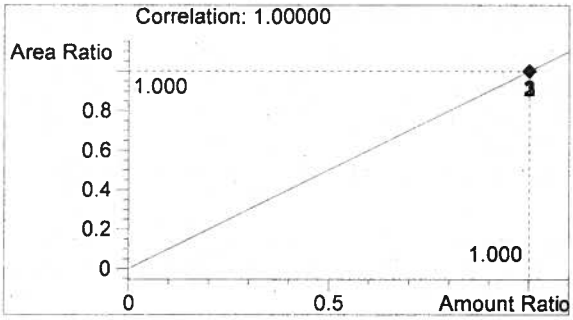
Sample Name: 13056-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	676	1.017
2	n-Propanol	1496	1.743



Ethanol 0.103 g/100mL

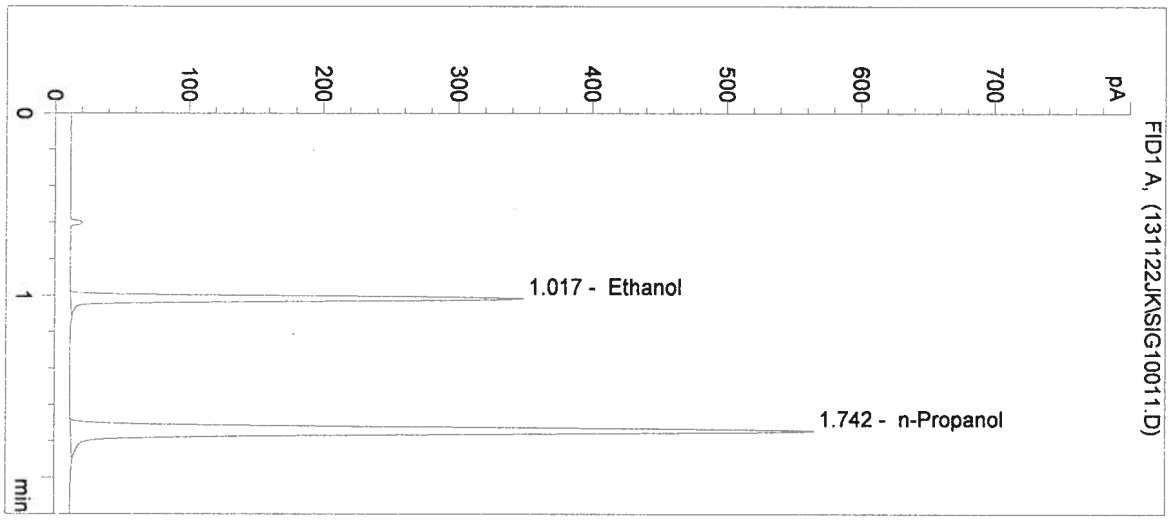


n-Propanol 0.012 g/100mL

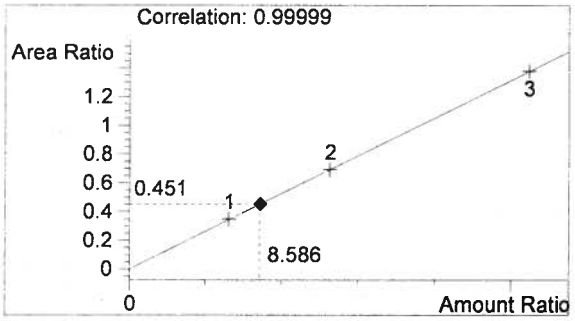
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:09:36 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

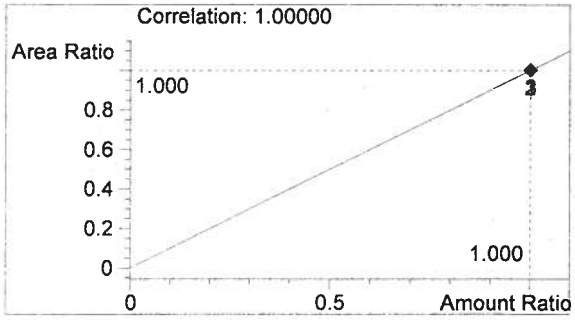
Sample Name: 13056-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	672	1.017
2	n-Propanol	1490	1.742



Ethanol 0.103 g/100mL

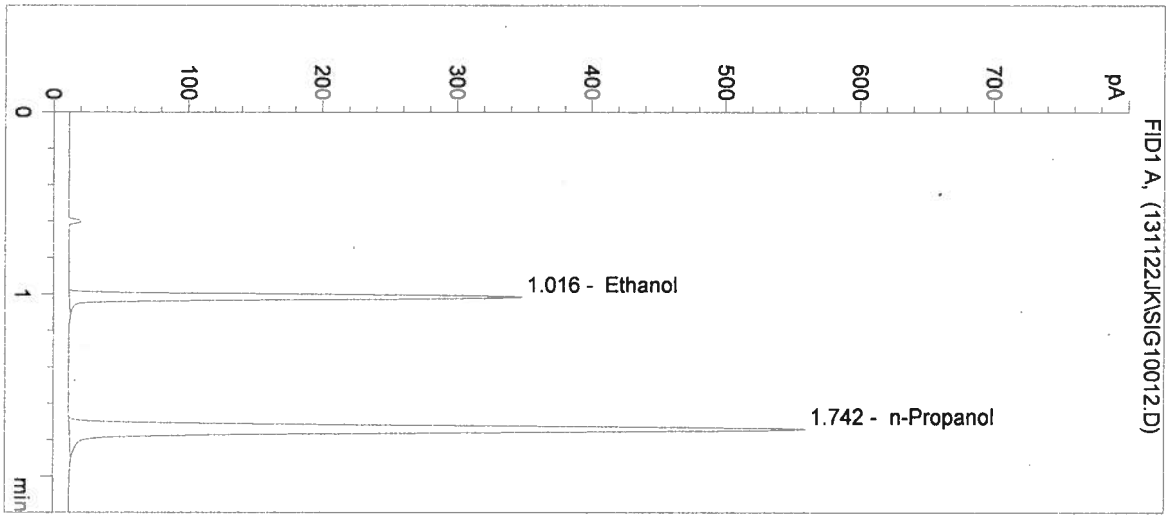


n-Propanol 0.012 g/100mL

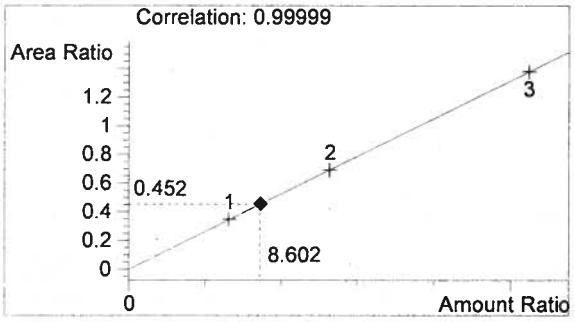
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:12:44 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

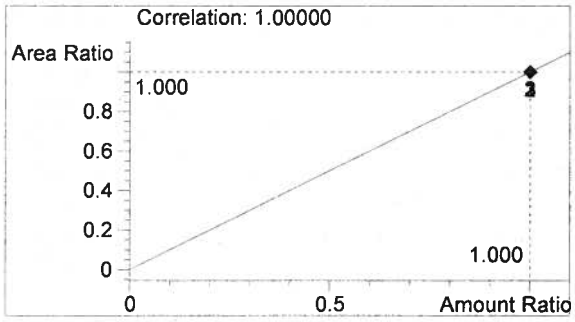
Sample Name: 13056-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	667	1.016
2	n-Propanol	1475	1.742



Ethanol 0.103 g/100mL

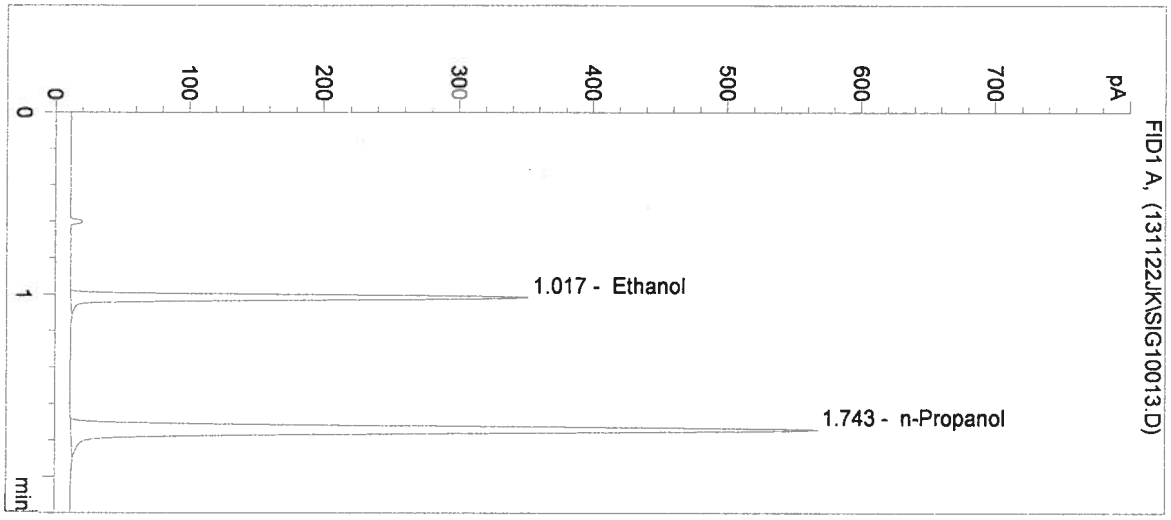


n-Propanol 0.012 g/100mL

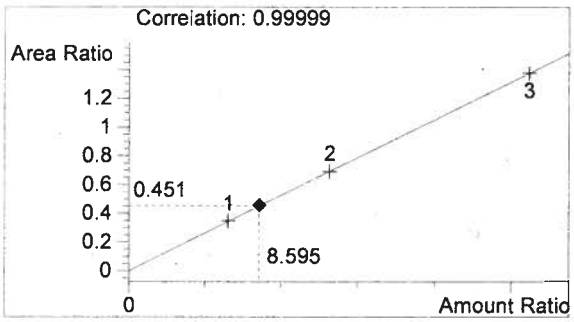
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:15:51 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

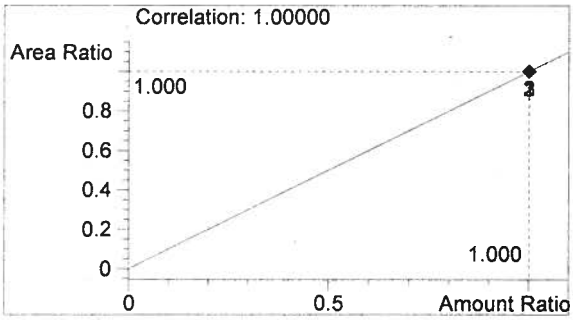
Sample Name: 13056-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	676	1.017
2	n-Propanol	1498	1.743



Ethanol 0.103 g/100mL



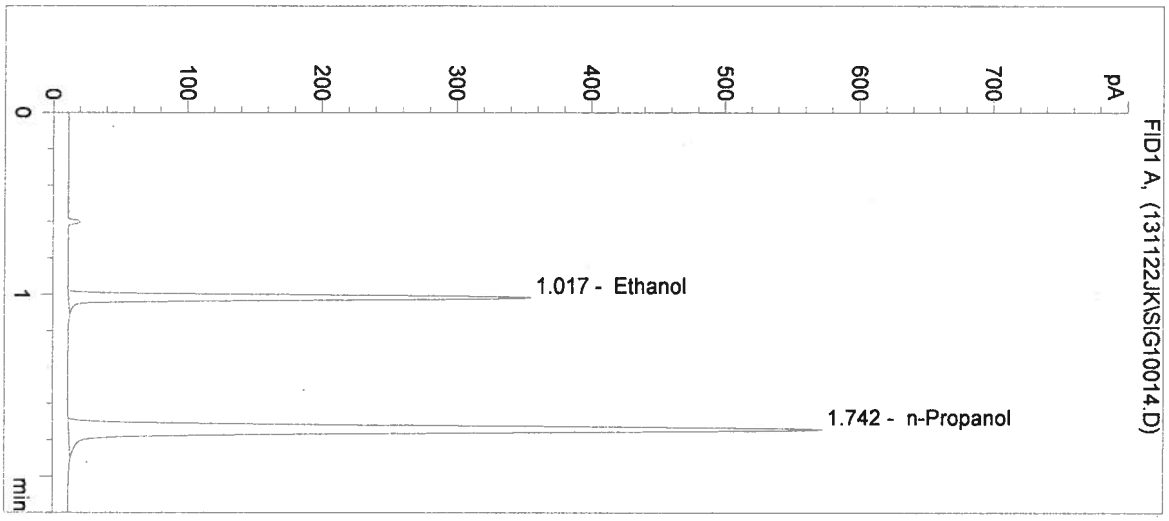
n-Propanol 0.012 g/100mL

NK

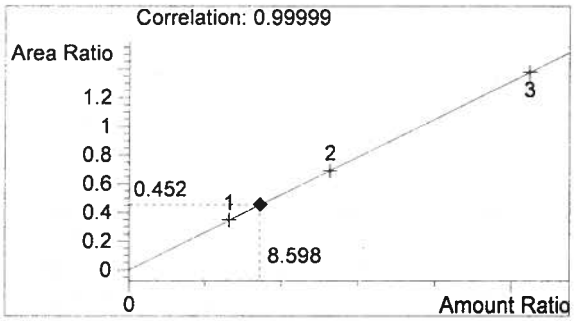
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:18:59 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

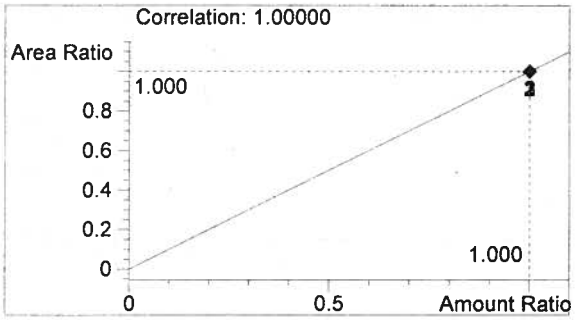
Sample Name: 13056-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.017
2	n-Propanol	1508	1.742



Ethanol 0.103 g/100mL



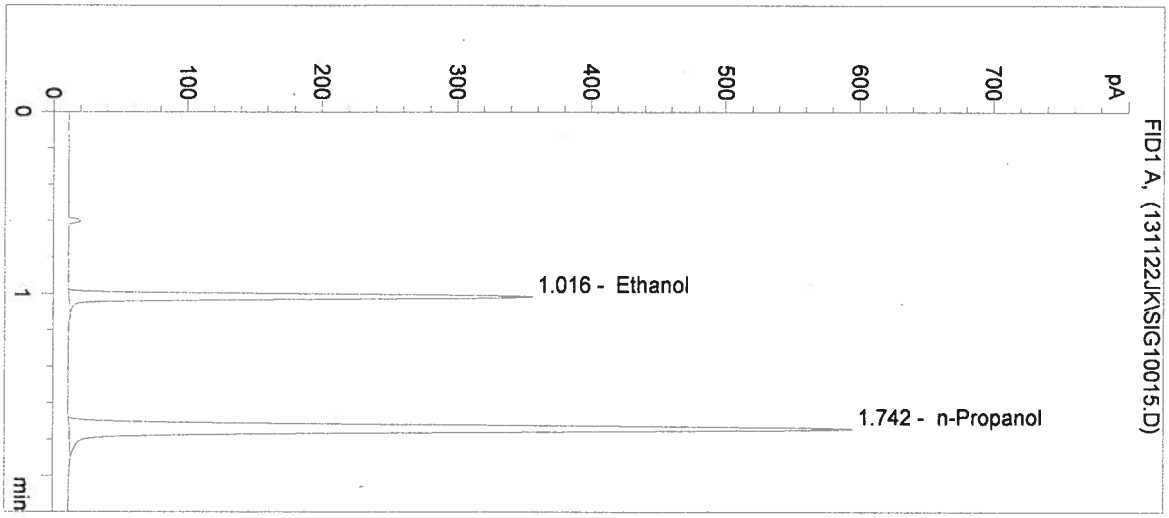
n-Propanol 0.012 g/100mL

JK

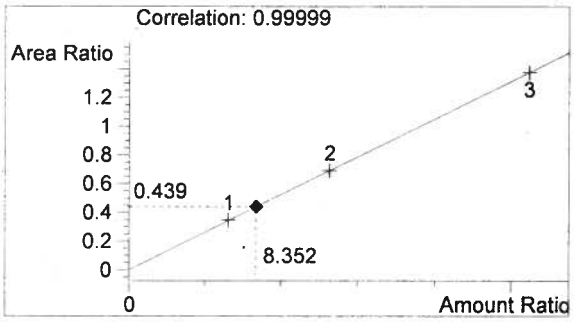
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:22:06 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

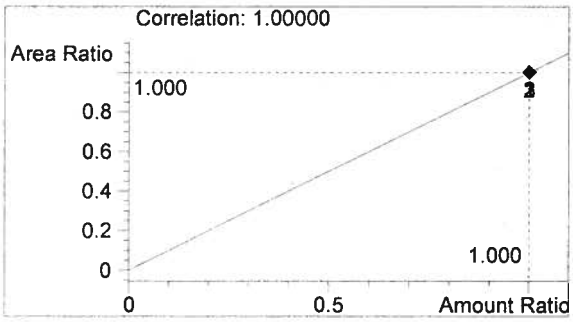
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	690	1.016
2	n-Propanol	1573	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

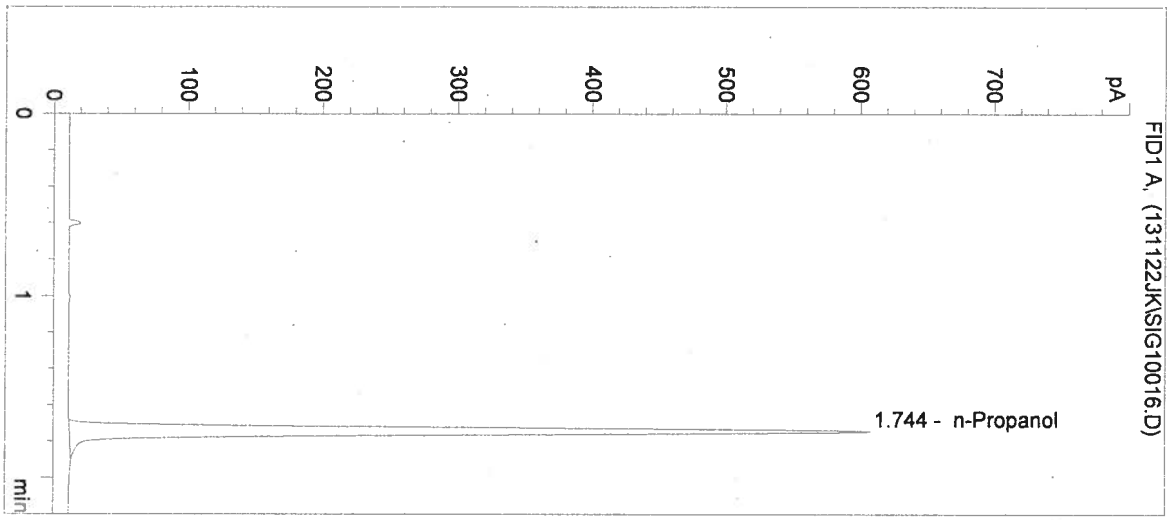
13056

Data File: C:\HPCHEM\2\DATA\131122JK\SIG10015.D

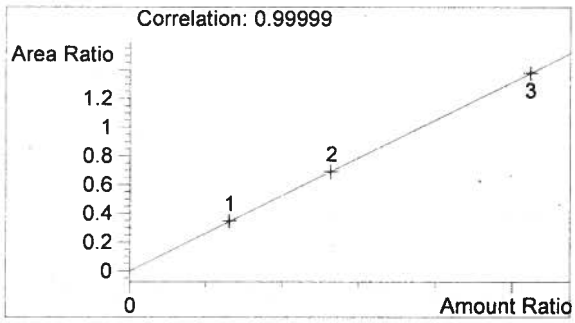
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/22/2013 10:25:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

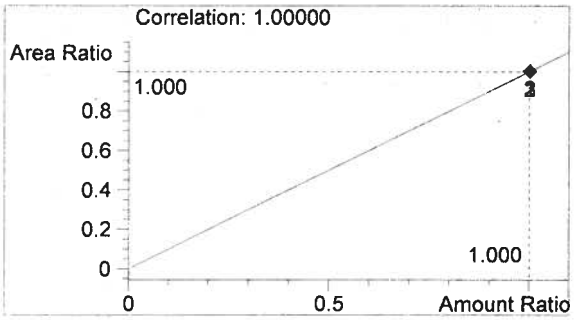
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1603	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131125CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator Lot#E0713-01 Exp. 1/24/14
0.158 Calibrator Lot#E0713-02 Exp. 1/24/14
0.316 Calibrator Lot#E0713-03 Exp. 1/24/14
0.04 control lot# FN120110-04 Exp. 12/2015
0.10 control lot# A095230 Exp. 09/2017
0.20 control lot# FN100511-01 Exp. 10/2016
n-propanol ISTD Lot#P1113 Exp. 02/14/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

CM

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

Sequence Table (Back Injector):

No entries - empty table!

13056

Calibration Table

Calib. Data Modified : Monday, November 25, 2013 3:13:54 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	7.87500e-2	524.81470	1.50053e-4	1		Ethanol
		2	1.58140e-1	1038.81775	1.52231e-4			
		3	3.14420e-1	2068.32080	1.52017e-4			
1.742	1	1	1.20000e-2	1506.27344	7.96668e-6	I1		n-Propanol
		2	1.20000e-2	1494.36182	8.03018e-6			
		3	1.20000e-2	1496.13318	8.02068e-6			

Peak Sum Table

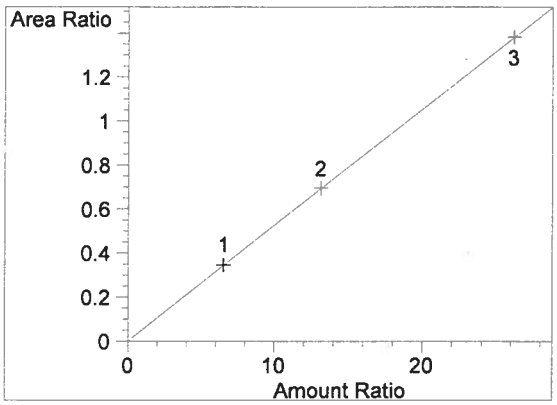
No Entries in table

13056

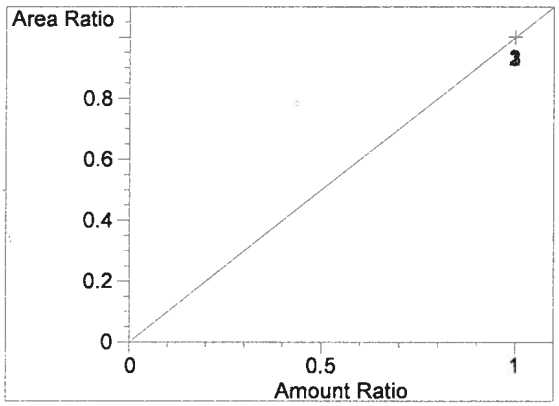
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00130
Formula: y = mx + b
m: 5.27326e-2
b: 8.39120e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

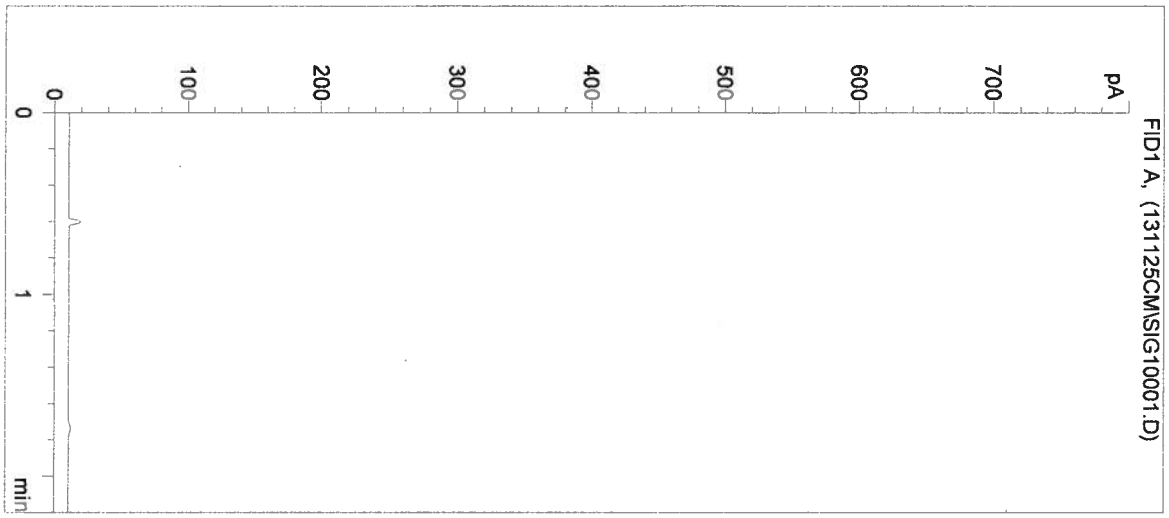
==========

13056

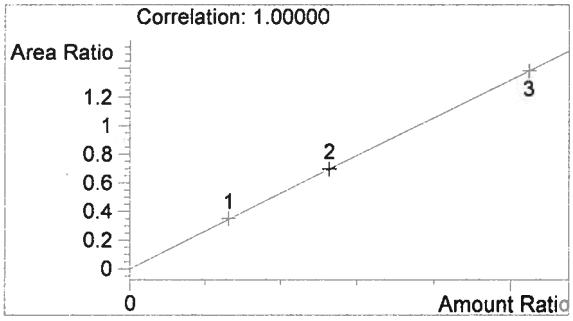
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:02:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

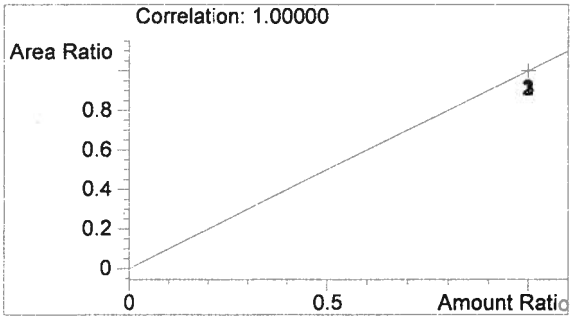
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

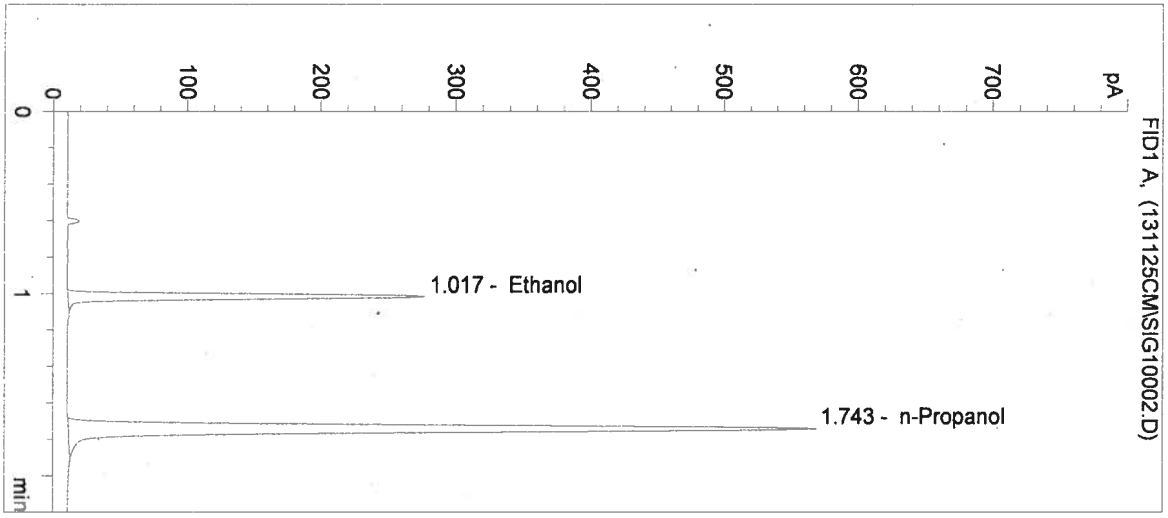
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10001.D

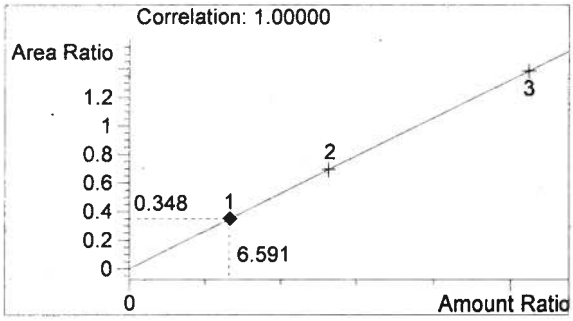
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:05:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

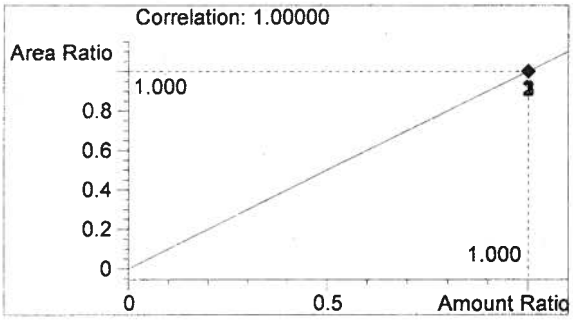
Sample Name: 0.079 CAL
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	525	1.017
2	n-Propanol	1506	1.743



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

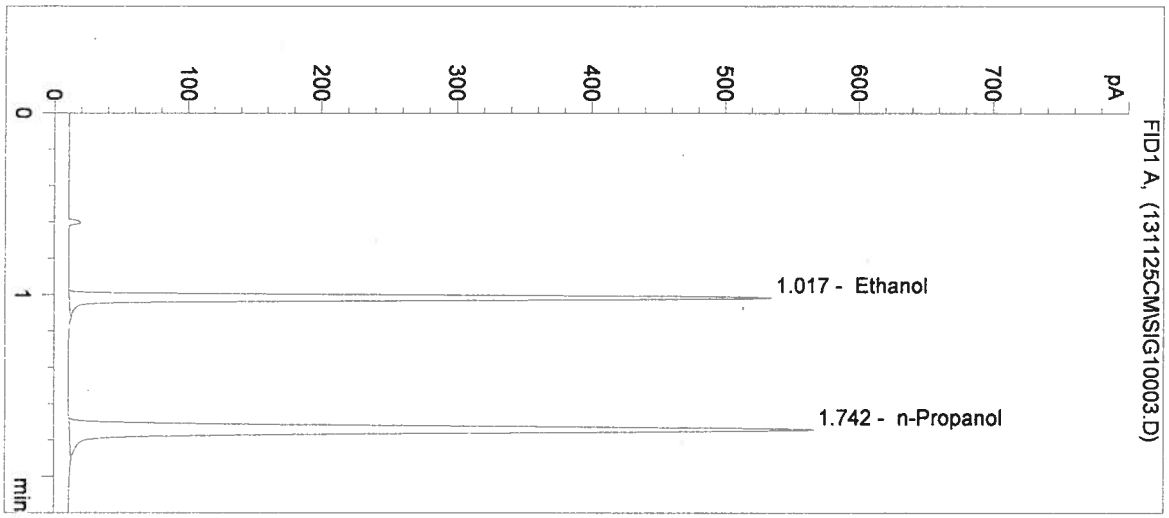
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10002.D

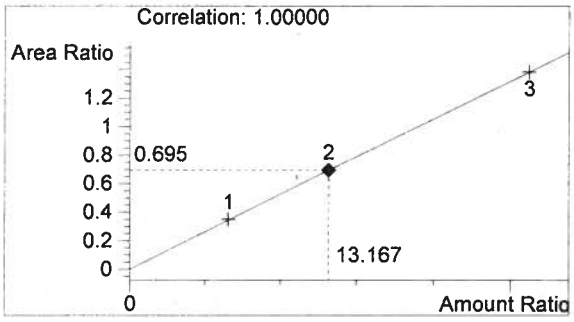
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:08:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

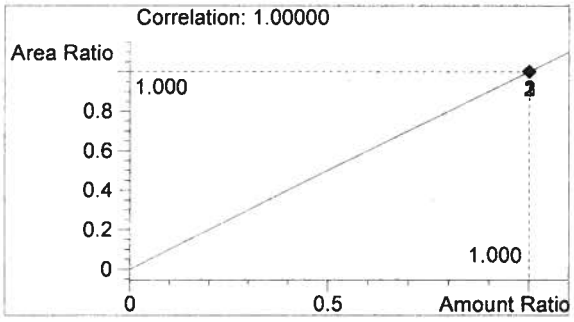
Sample Name: 0.158 CAL
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1039	1.017
2	n-Propanol	1494	1.742



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

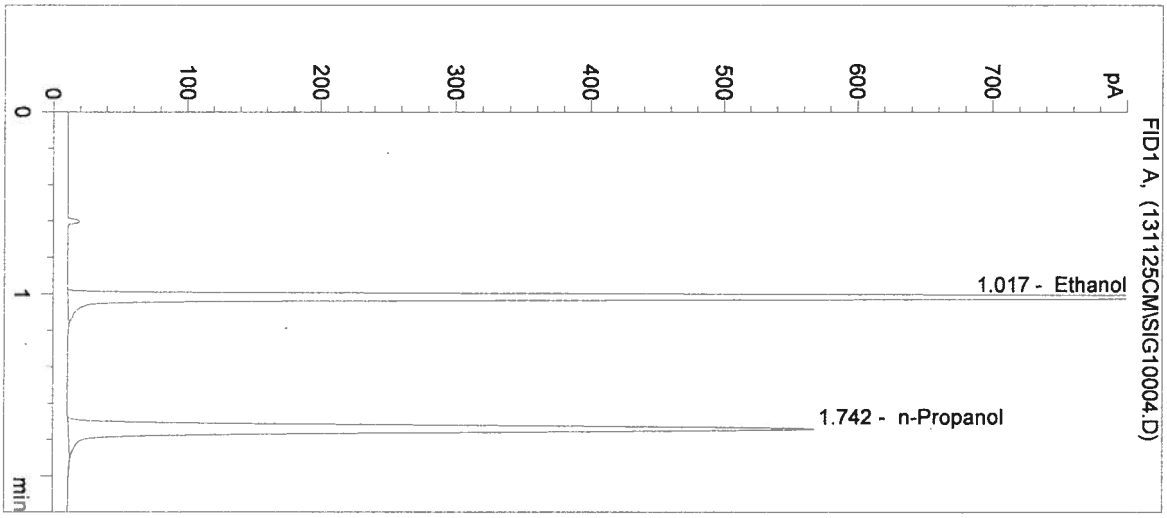
13056

CM

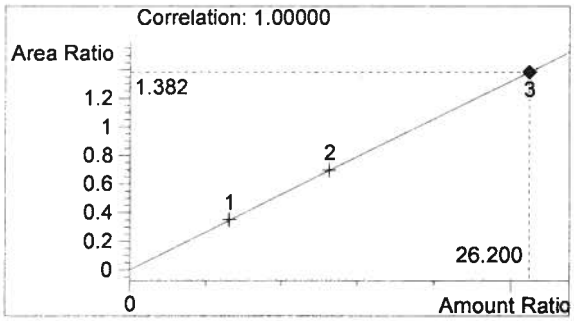
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:11:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

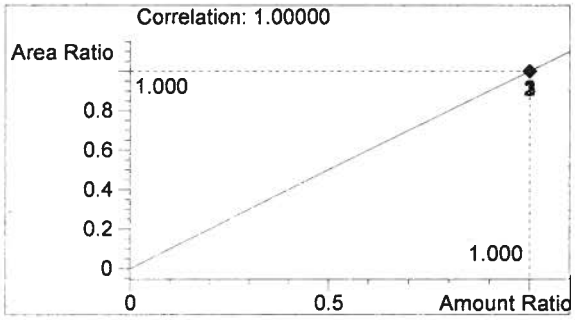
Sample Name: 0.316 CAL
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2068	1.017
2	n-Propanol	1496	1.742



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

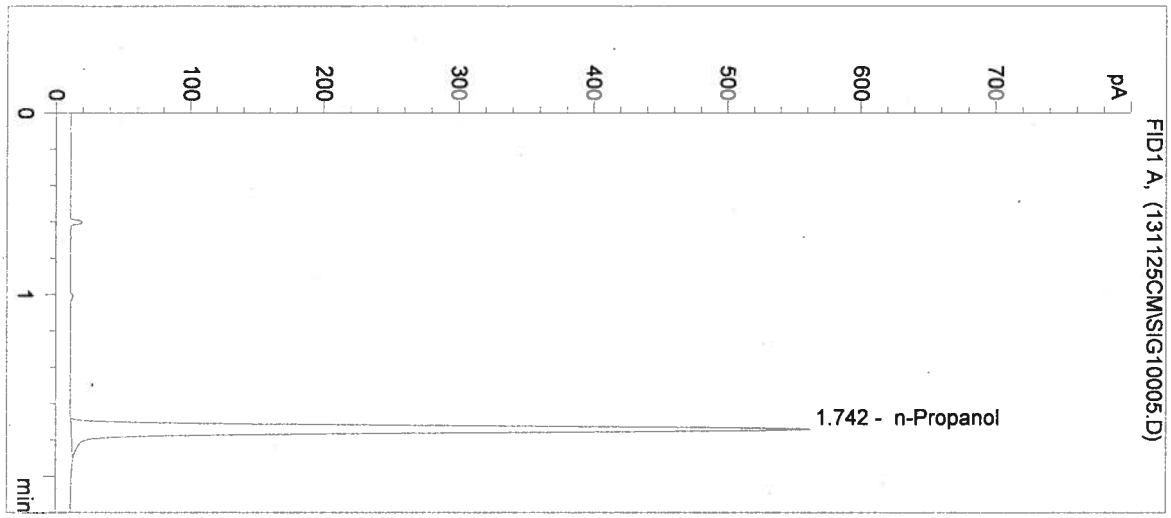
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10004.D

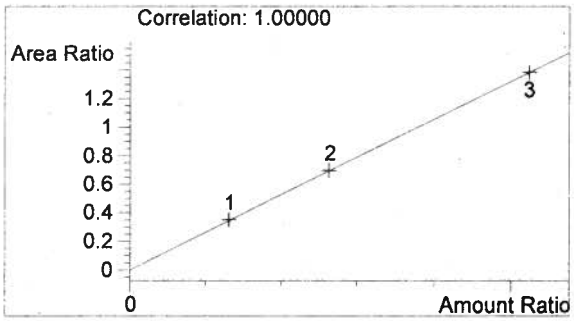
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:14:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

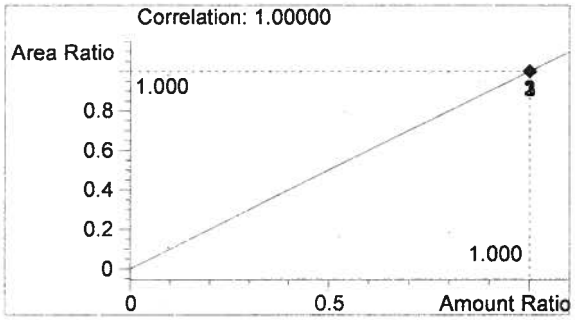
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1483	1.742



Ethanol 0.000 g/100mL



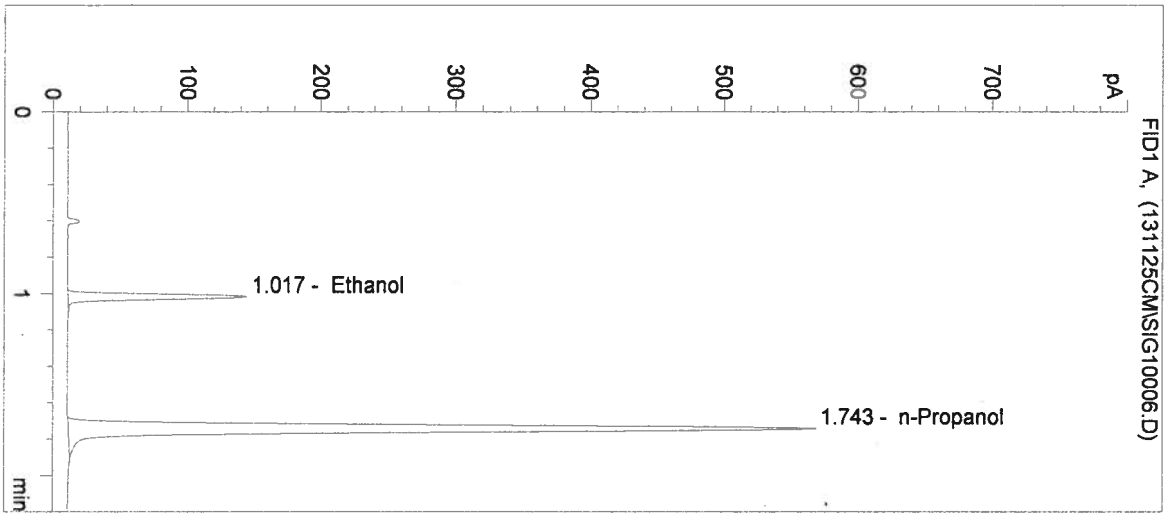
n-Propanol 0.012 g/100mL

13056

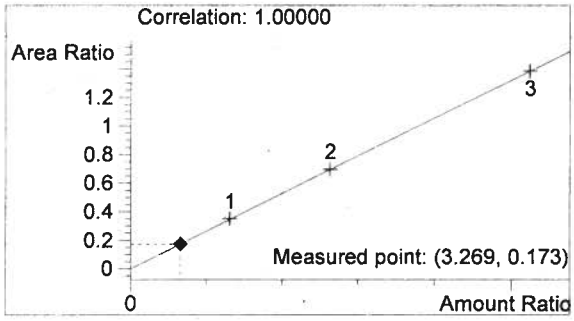
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:17:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

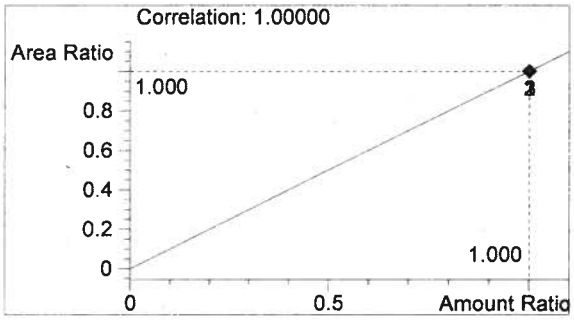
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	260	1.017
2	n-Propanol	1502	1.743



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

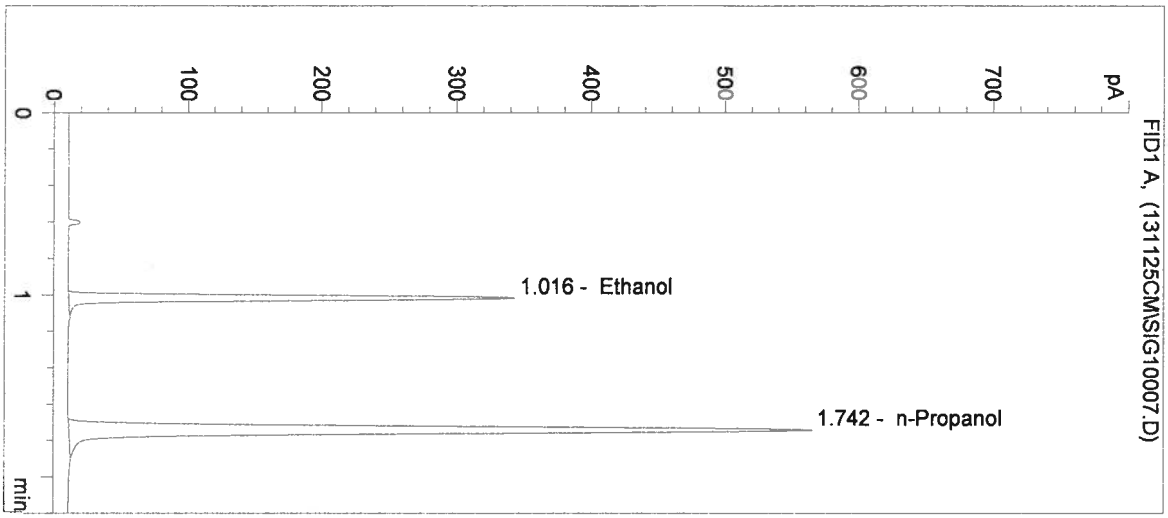
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10006.D

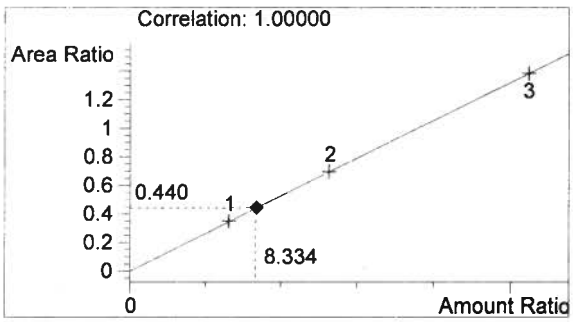
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:21:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

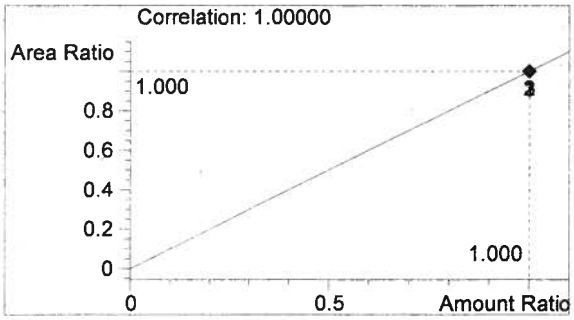
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	657	1.016
2	n-Propanol	1493	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

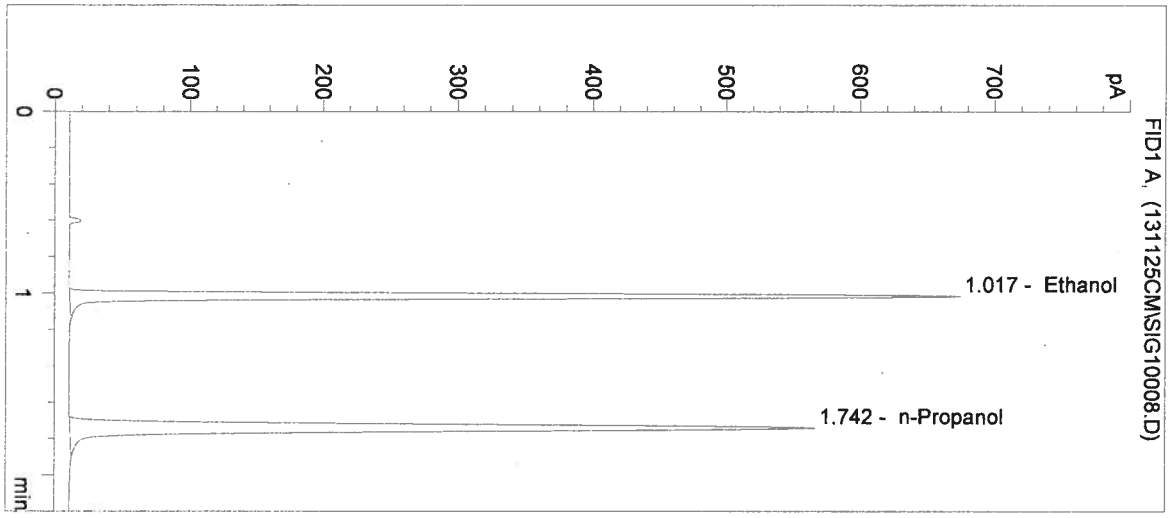
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10007.D

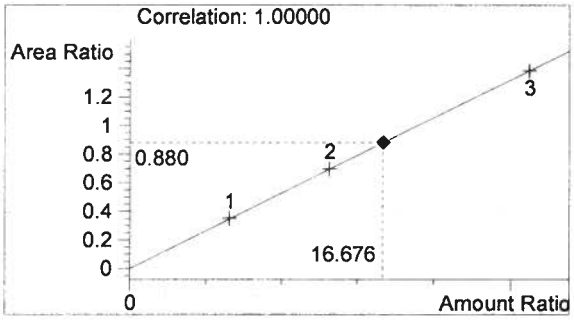
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:24:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

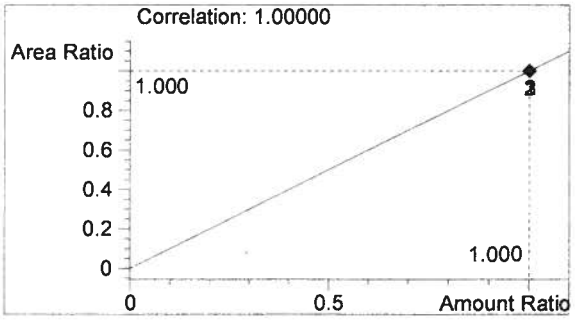
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1314	1.017
2	n-Propanol	1493	1.742



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

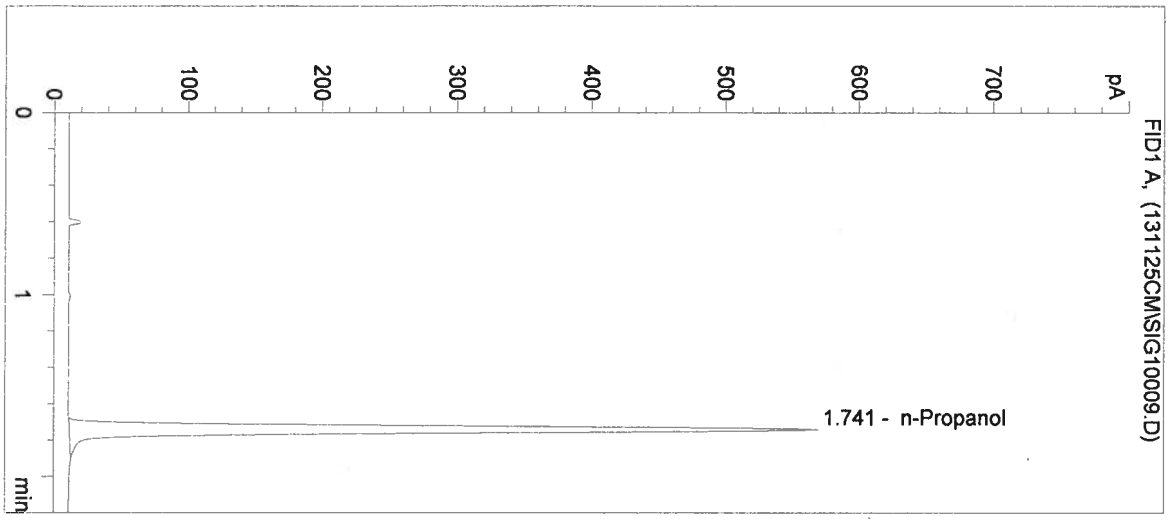
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10008.D

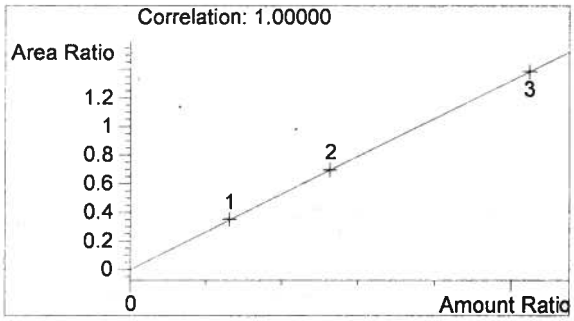
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:27:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

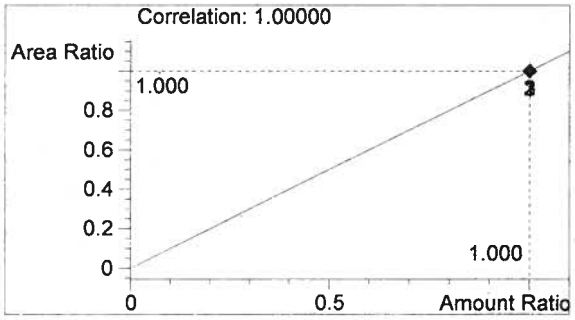
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1502	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

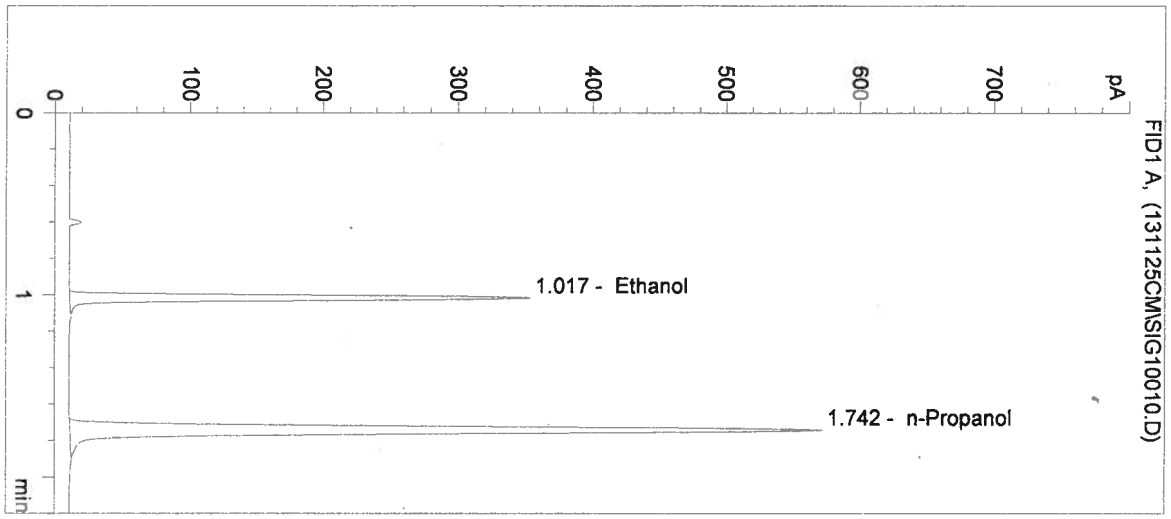
13056

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10009.D

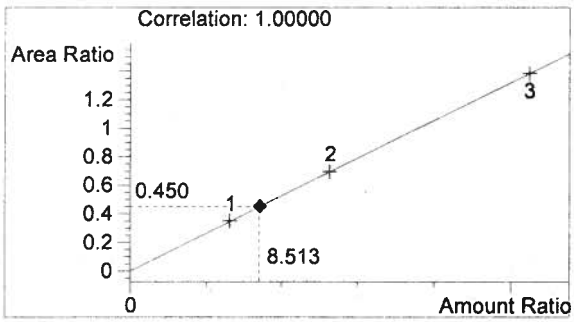
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:30:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

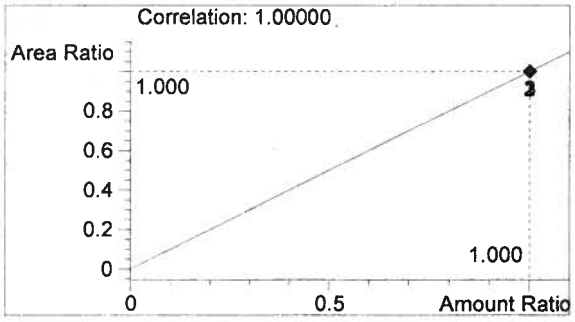
Sample Name: 13056 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.017
2	n-Propanol	1510	1.742



Ethanol 0.102 g/100mL



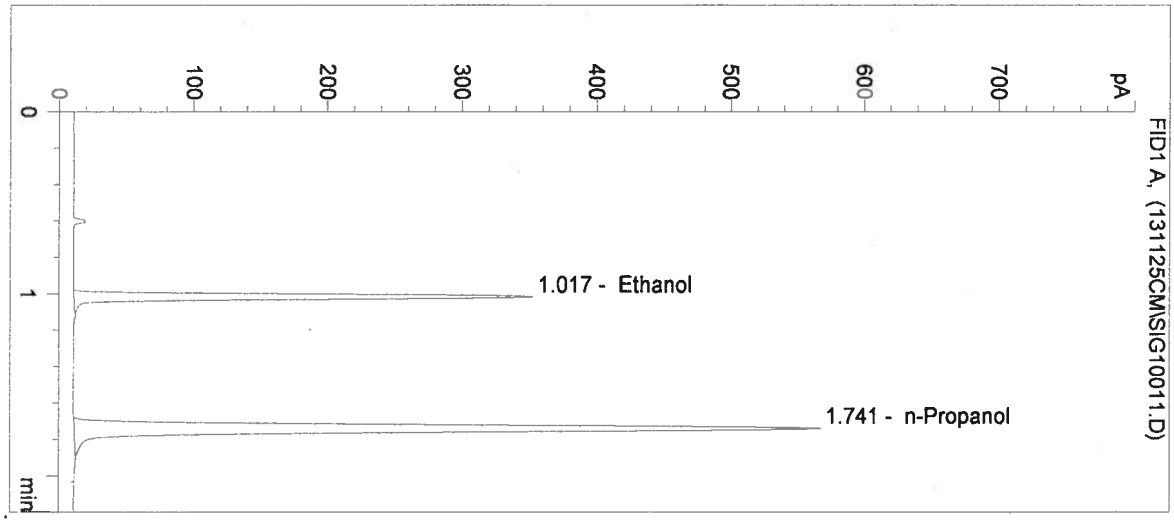
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10010.D

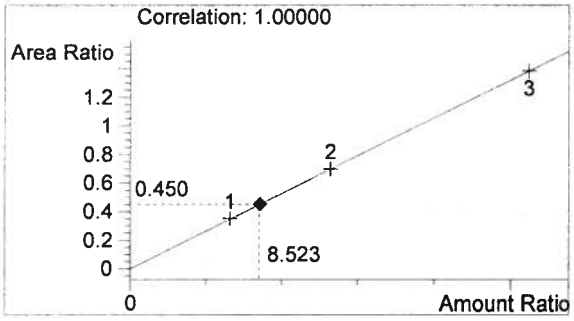
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:33:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

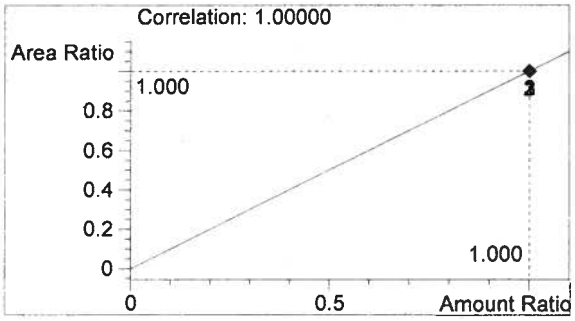
Sample Name: 13056 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	673	1.017
2	n-Propanol	1495	1.741



Ethanol 0.102 g/100mL

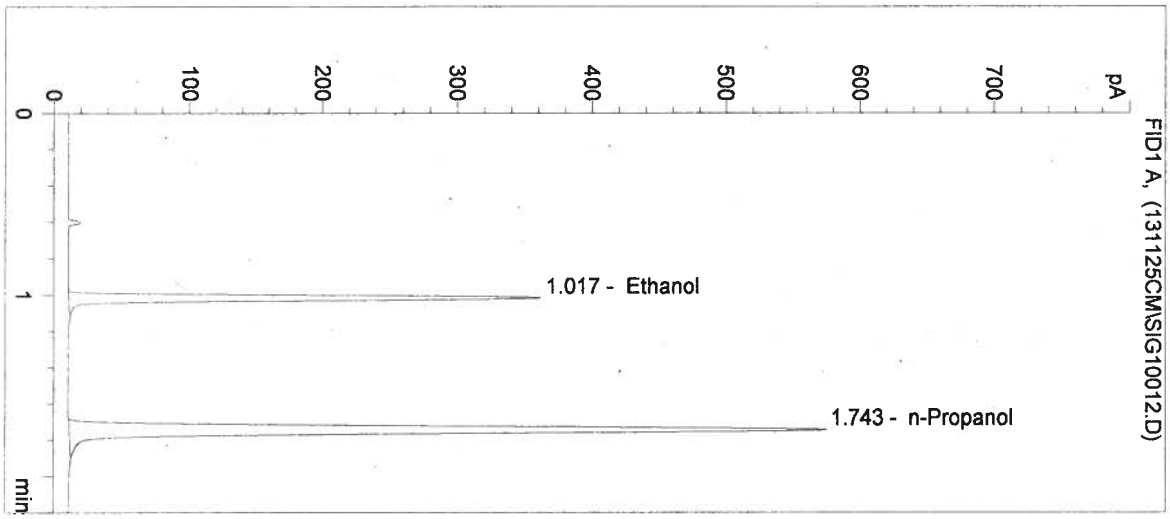


n-Propanol 0.012 g/100mL

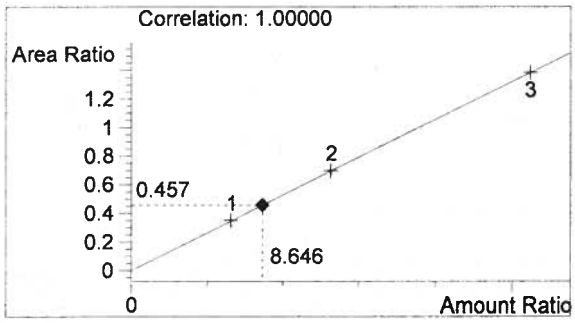
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:36:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

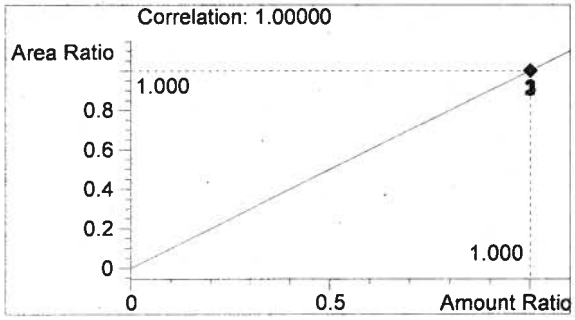
Sample Name: 13056 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.017
2	n-Propanol	1516	1.743



Ethanol 0.104 g/100mL



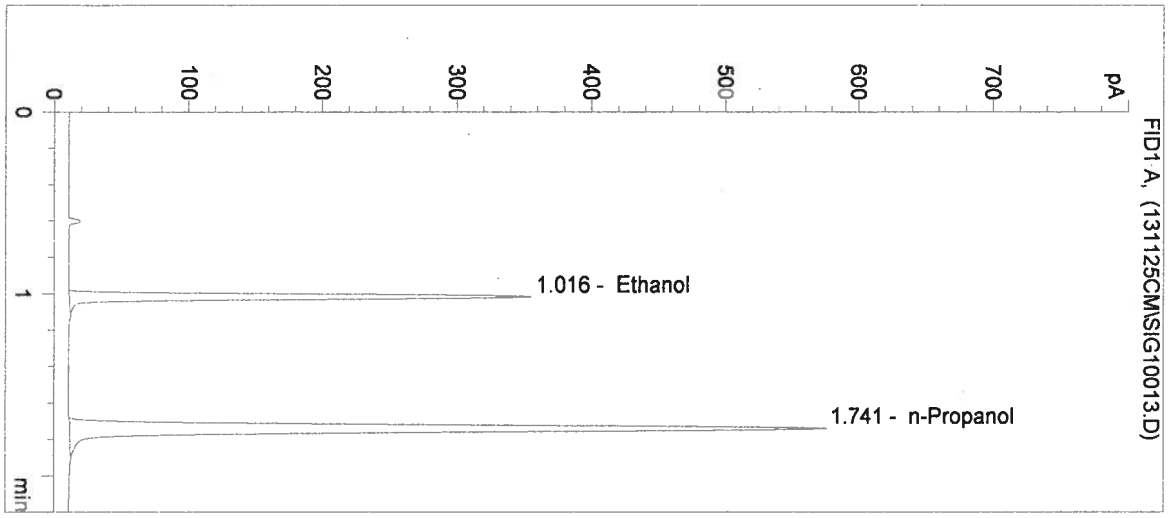
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131125CM\SIG10012.D

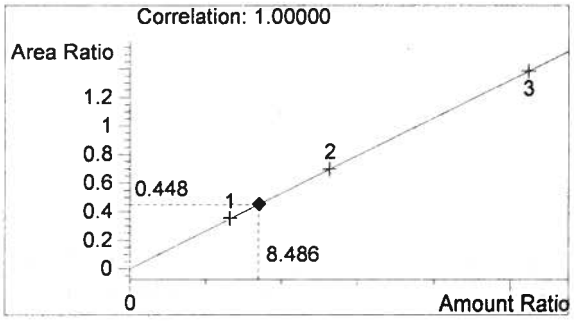
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:39:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

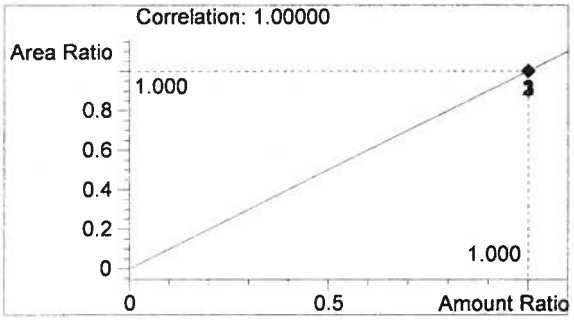
Sample Name: 13056 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.016
2	n-Propanol	1519	1.741



Ethanol 0.102 g/100mL

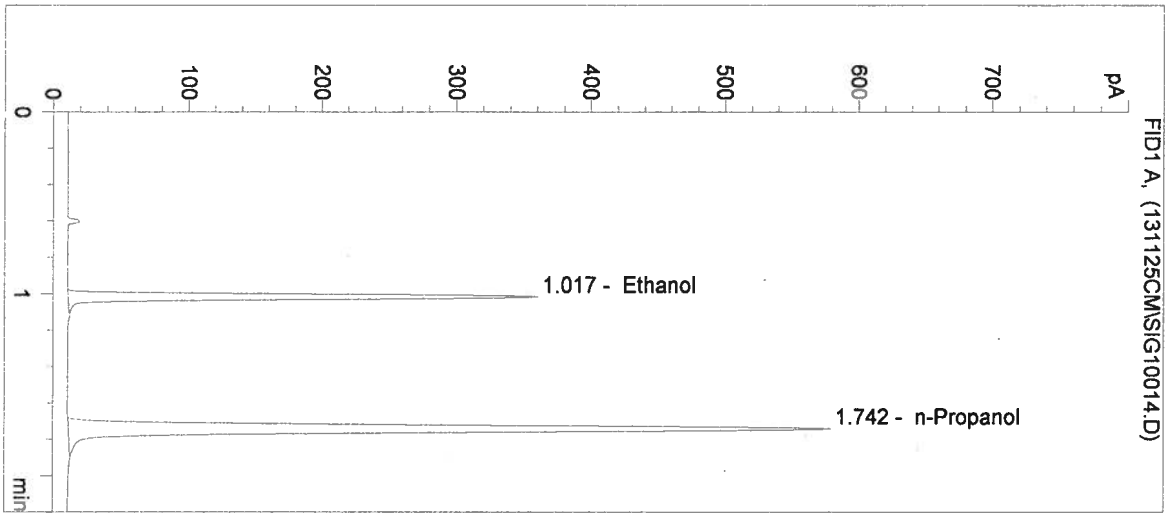


n-Propanol 0.012 g/100mL

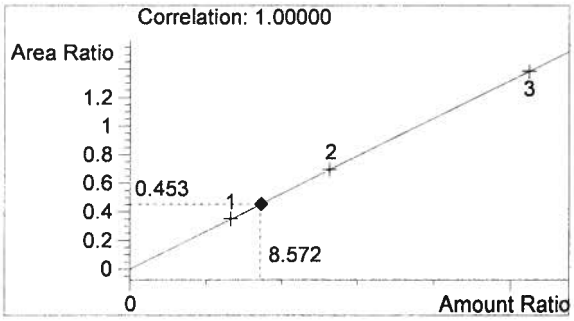
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:42:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

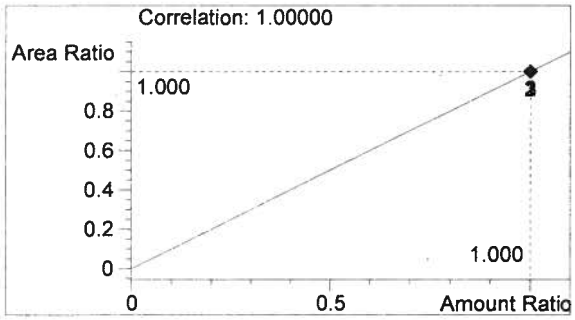
Sample Name: 13056 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.017
2	n-Propanol	1528	1.742



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

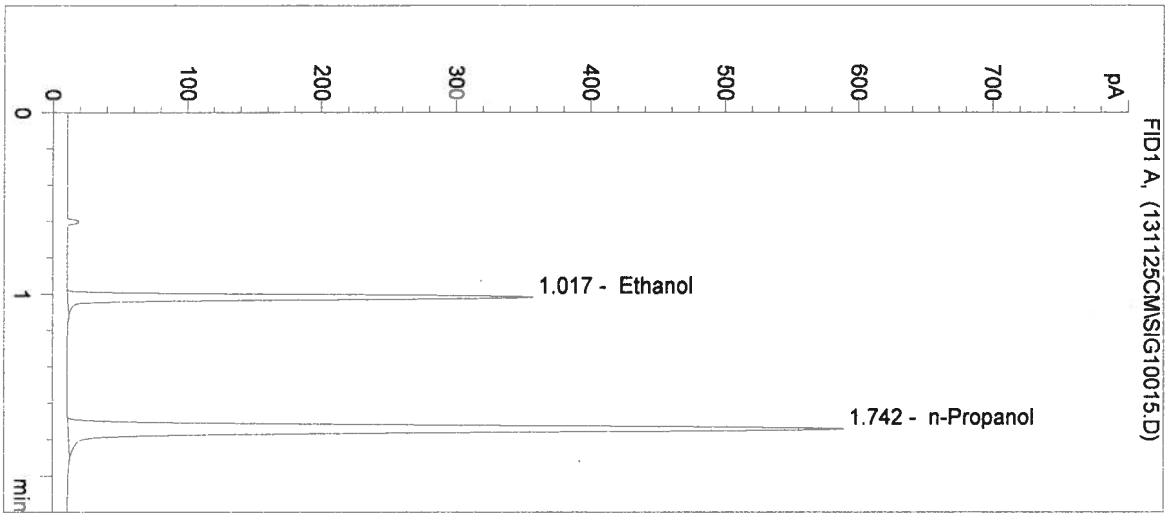
---

cm

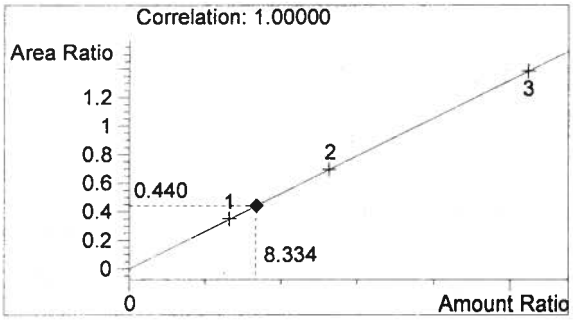
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:46:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

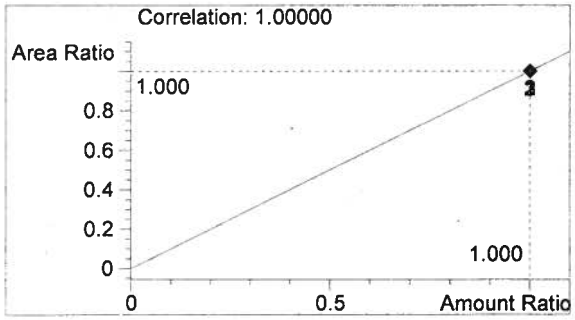
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	683	1.017
2	n-Propanol	1552	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13056

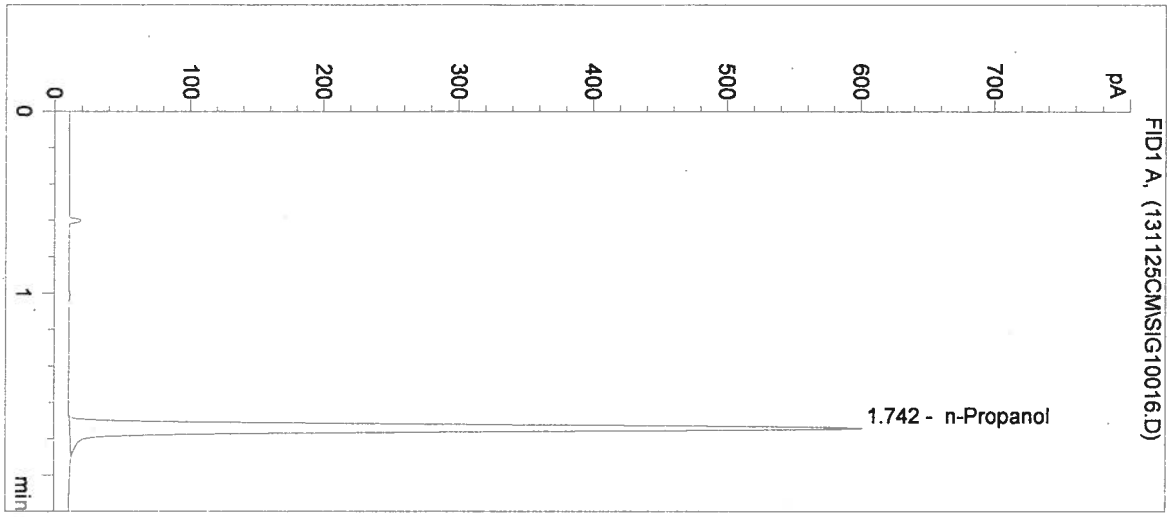
Data File: C:\HPCHEM\2\DATA\131125CM\SIG10015.D

CM

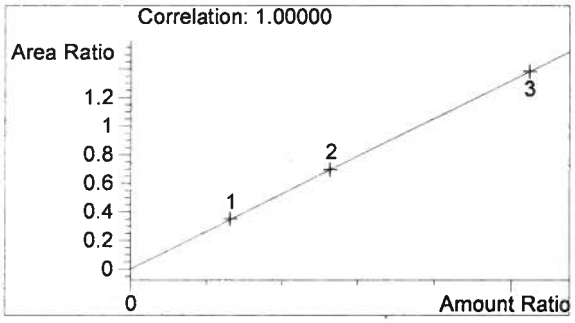
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/25/2013 3:49:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

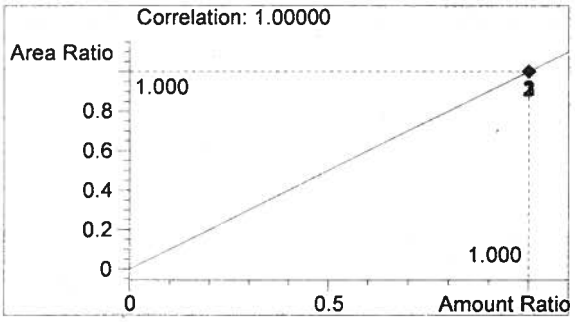
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1588	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

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

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\2\DATA\
Data Subdirectory:	131126AG
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

13056

Calibration Table

Calib. Data Modified : Tuesday, November 26, 2013 3:10:20 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	7.87500e-2	536.97711	1.46654e-4	1		Ethanol
		2	1.58140e-1	1071.08289	1.47645e-4			
		3	3.14420e-1	2126.69727	1.47844e-4			
1.742	1	1	1.20000e-2	1545.39636	7.76500e-6	I1		n-Propanol
		2	1.20000e-2	1545.20850	7.76594e-6			
		3	1.20000e-2	1537.09912	7.80691e-6			

Peak Sum Table

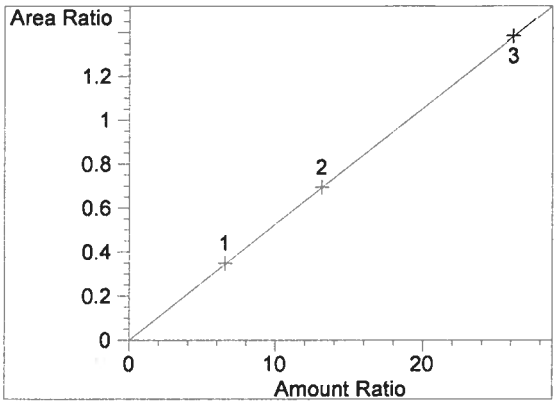
No Entries in table

13056

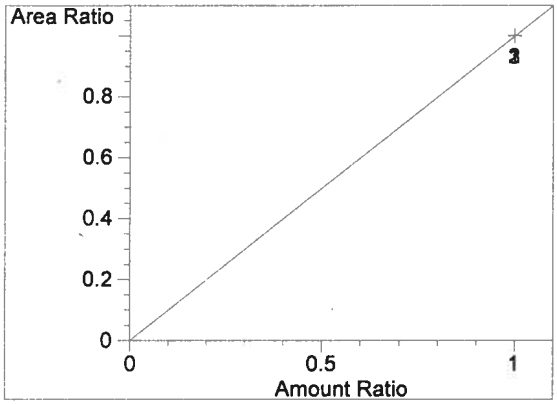
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00190
Formula: y = mx + b
m: 5.27805e-2
b: -1.63744e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

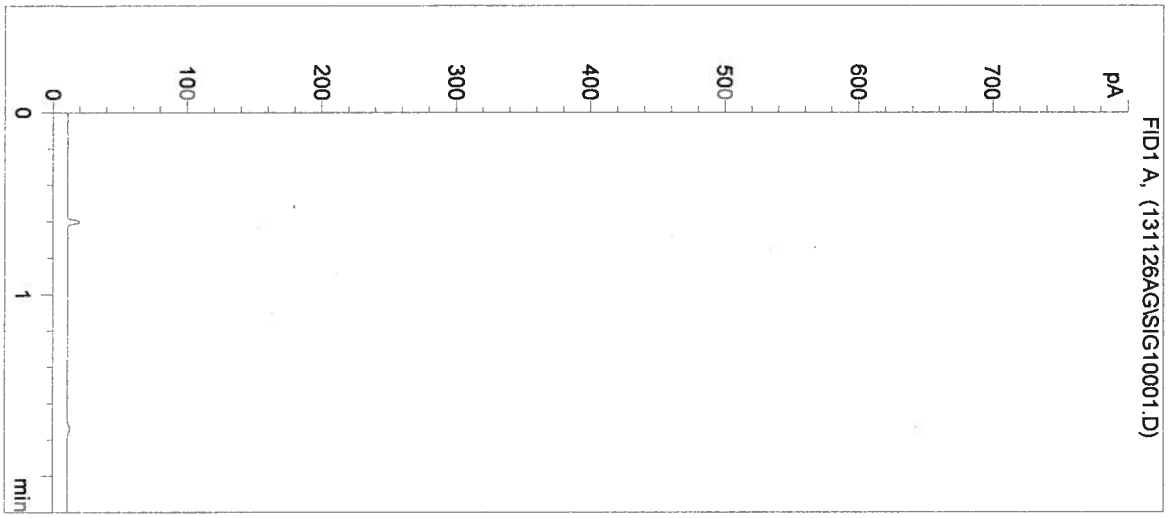
==========

13056

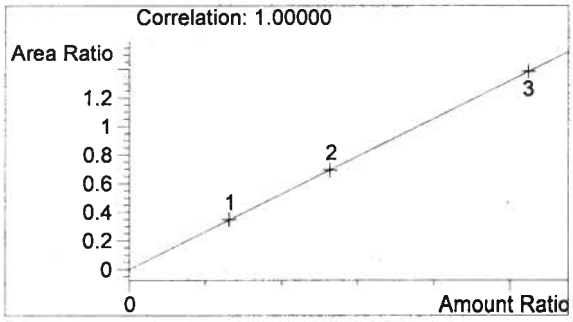
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:58:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

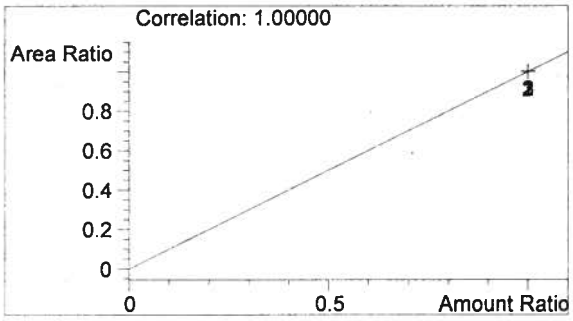
Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1



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



Ethanol 0.000 g/100mL



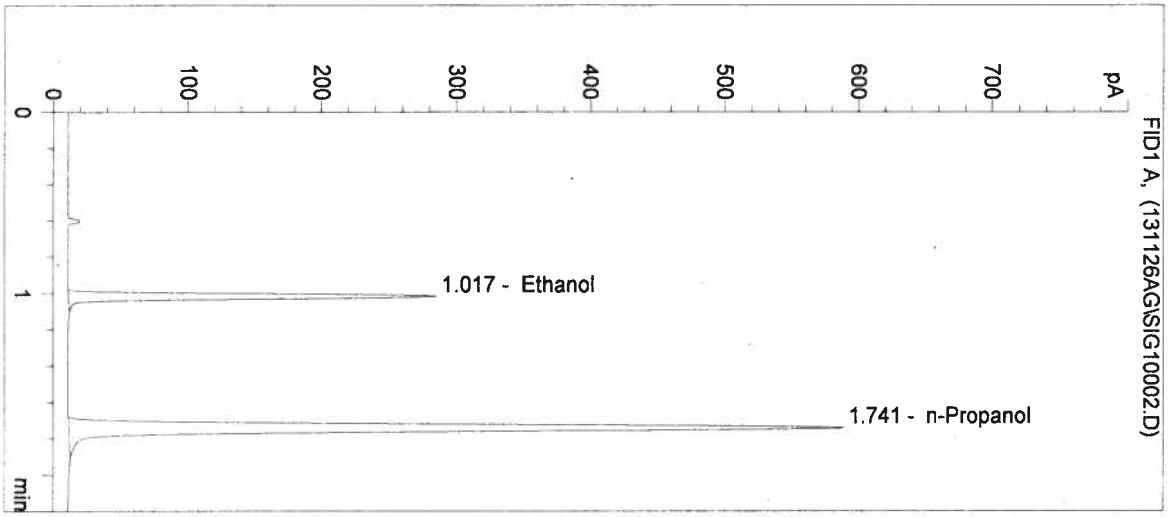
n-Propanol 0.000 g/100mL

13056

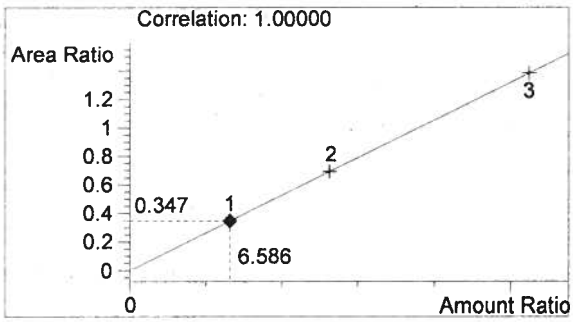
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:01:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

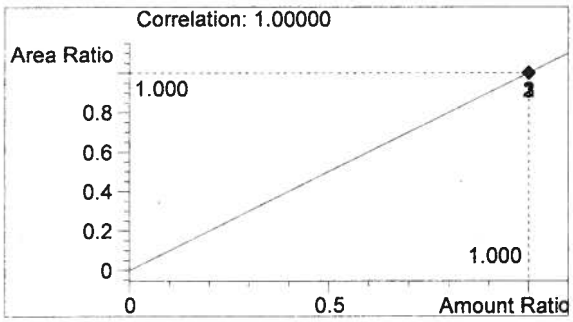
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	537	1.017
2	n-Propanol	1545	1.741



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

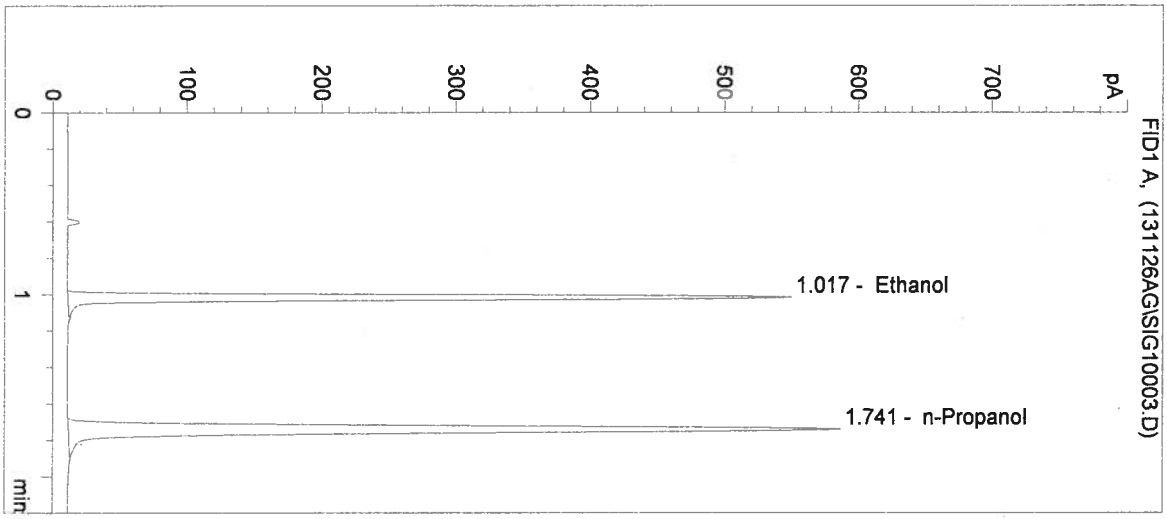
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10002.D

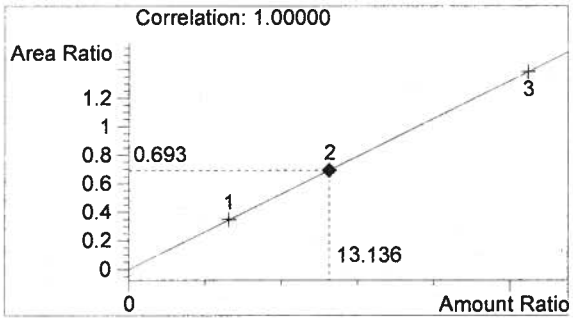
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:05:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

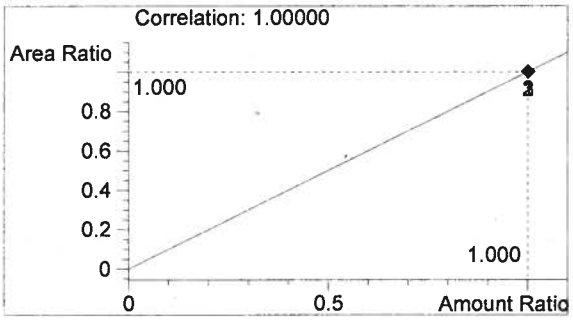
Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1071	1.017
2	n-Propanol	1545	1.741



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

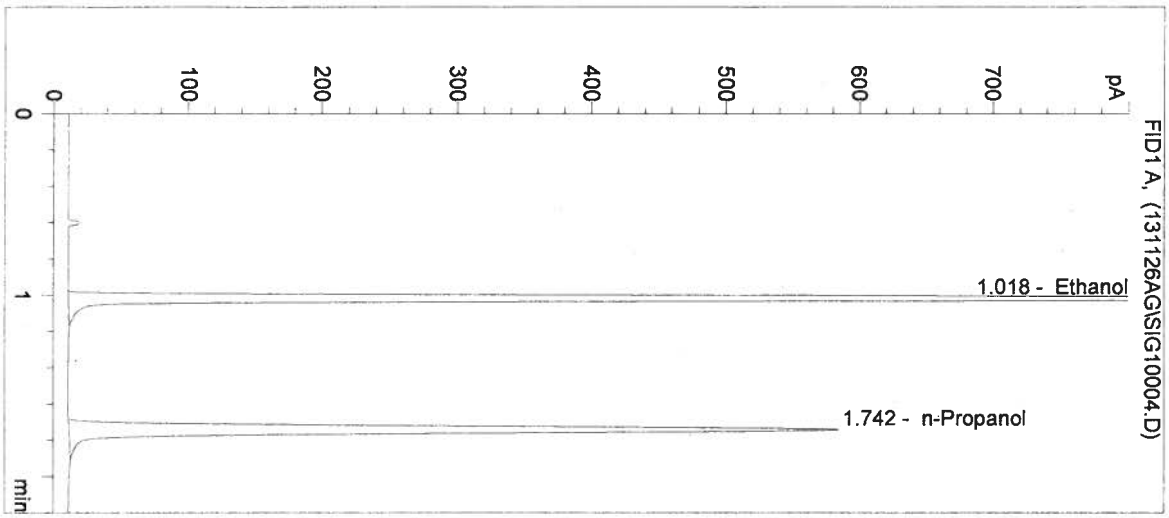
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10003.D

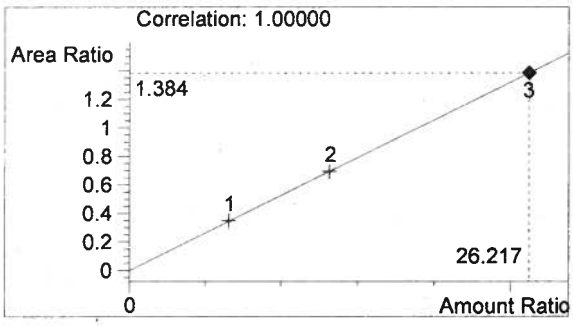
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:08:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

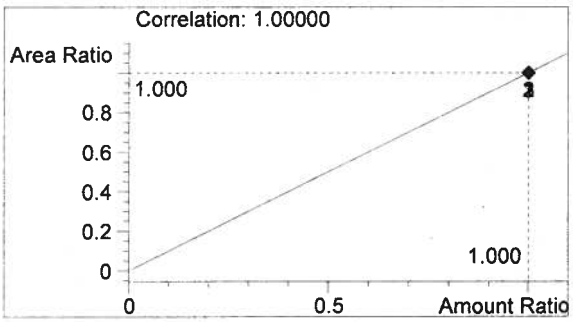
Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2127	1.018
2	n-Propanol	1537	1.742



Ethanol 0.315 g/100mL



n-Propanol 0.012 g/100mL

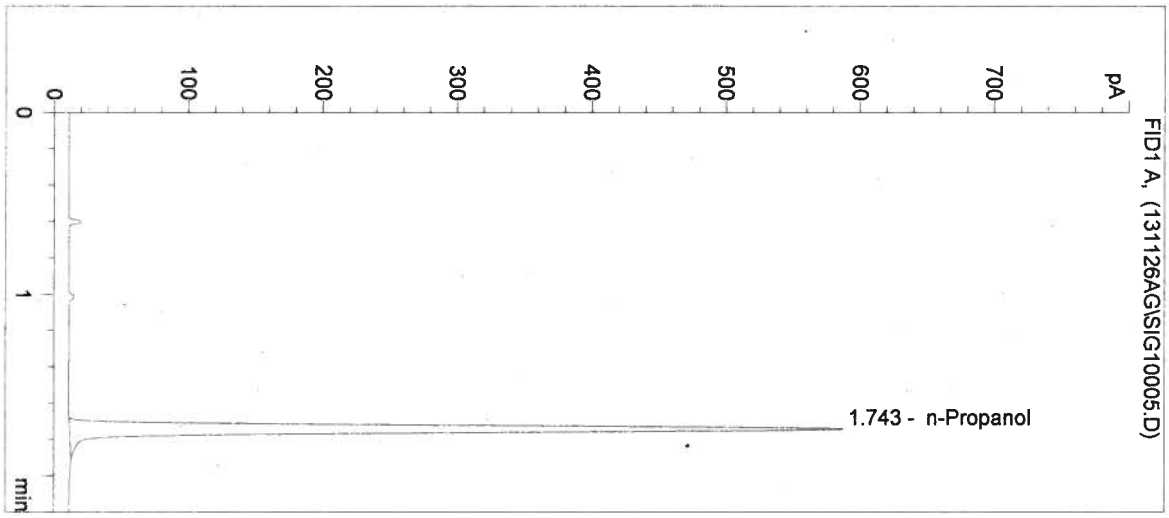
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10004.D

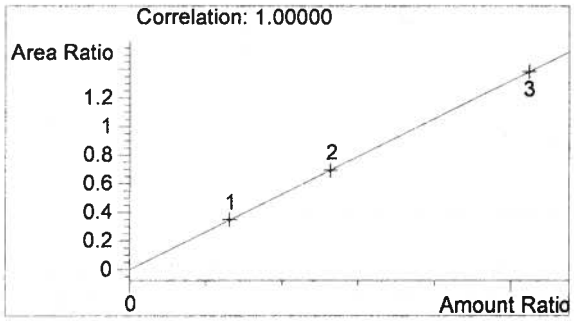
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:11:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

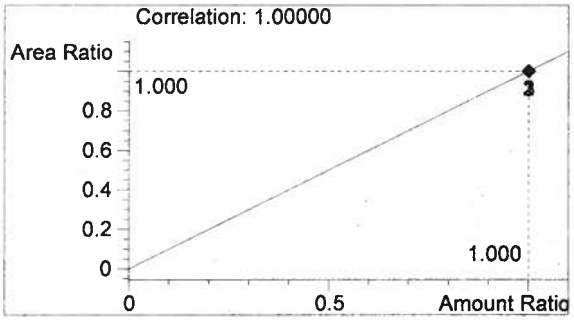
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1550	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

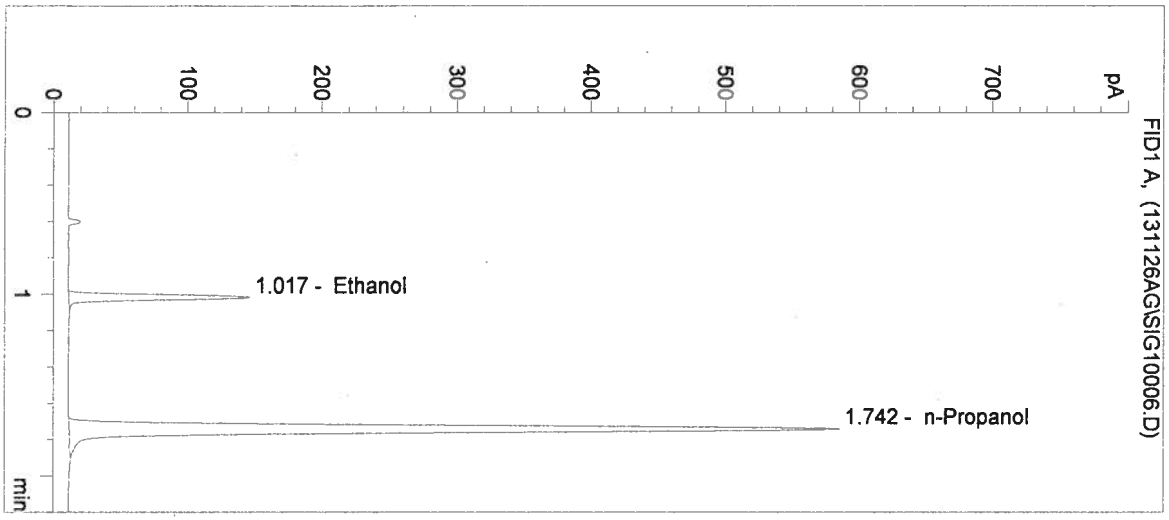
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10005.D

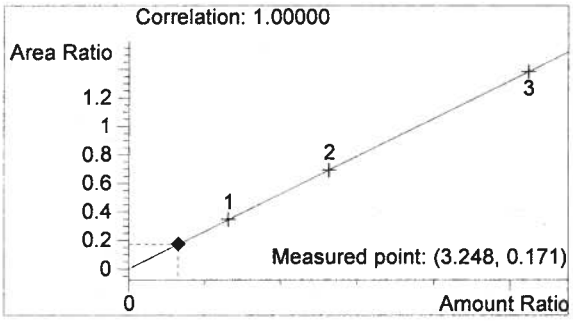
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:14:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

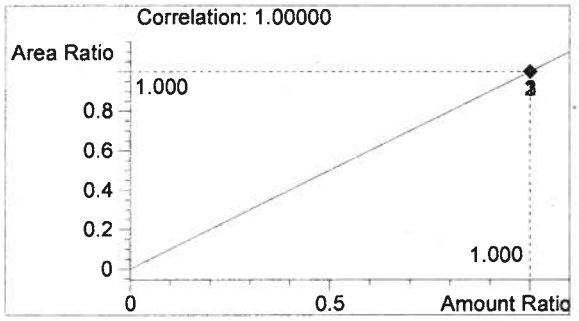
Sample Name: 0.04 CTRL
Operator: Andrew Gingras
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	264	1.017
2	n-Propanol	1540	1.742



Ethanol 0.039 g/100mL



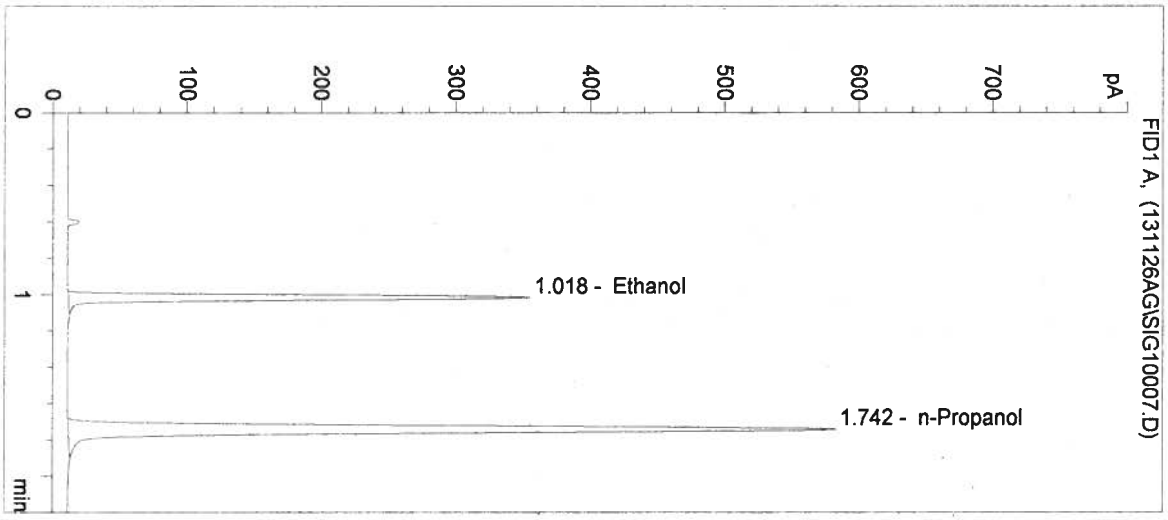
n-Propanol 0.012 g/100mL

13056

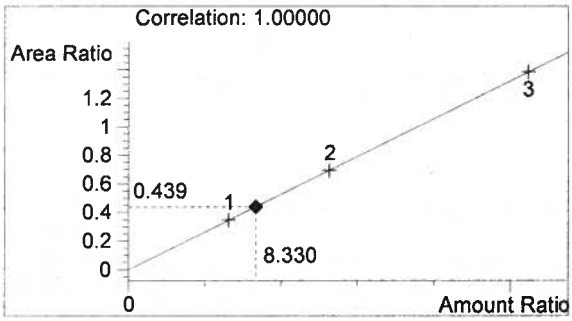
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:17:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

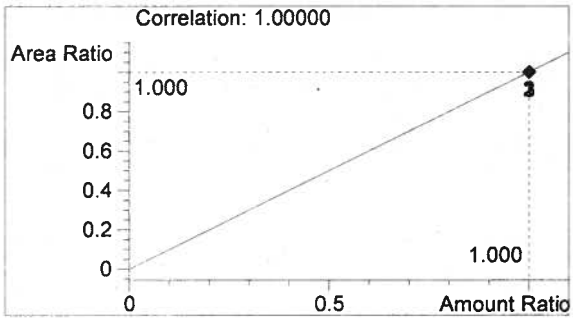
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	674	1.018
2	n-Propanol	1534	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

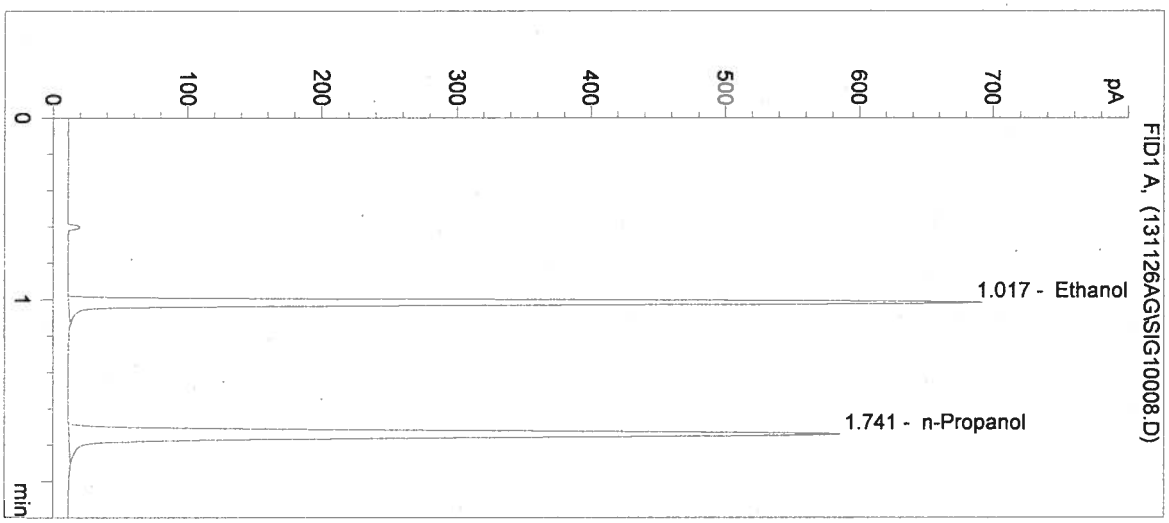
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10007.D

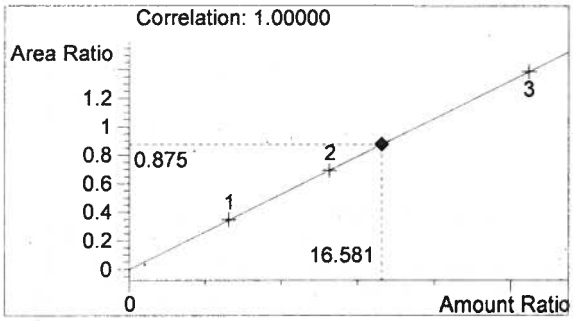
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:20:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

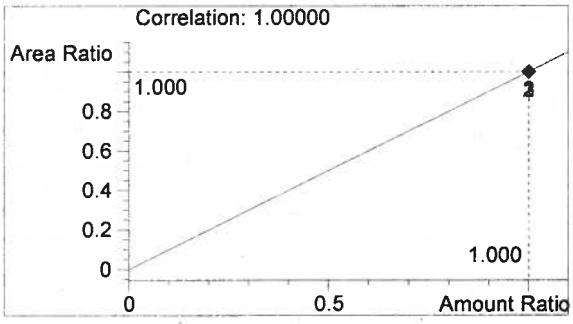
Sample Name: 0.20 CTRL
Operator: Andrew Gingras
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1347	1.017
2	n-Propanol	1539	1.741



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13056

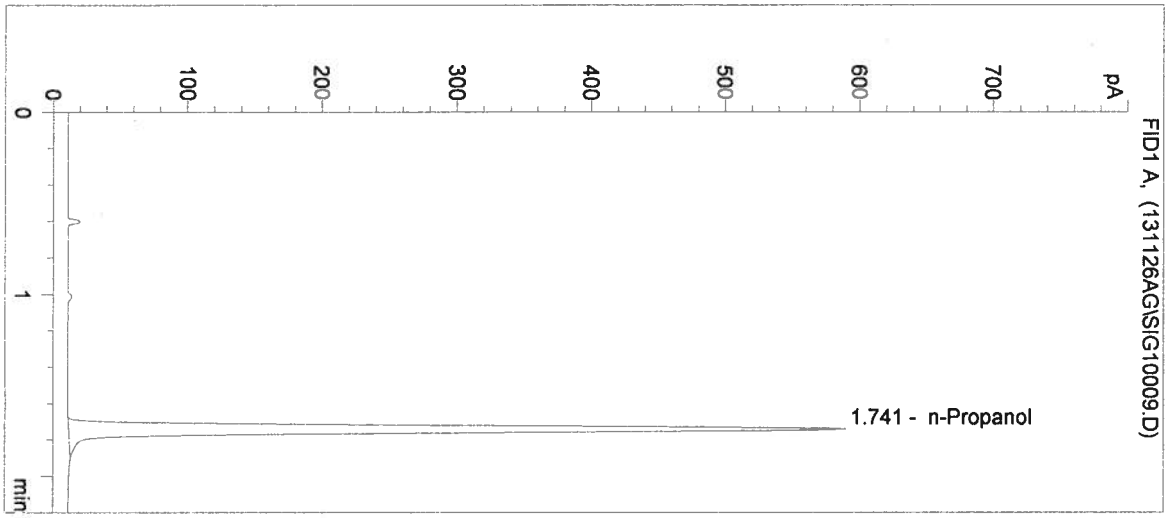
Data File: C:\HPCHEM\2\DATA\131126AG\SIG10008.D

AG

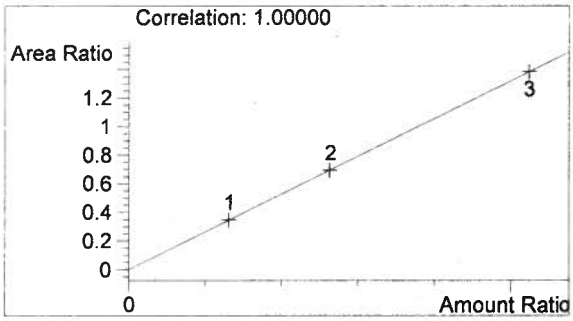
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:23:45 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

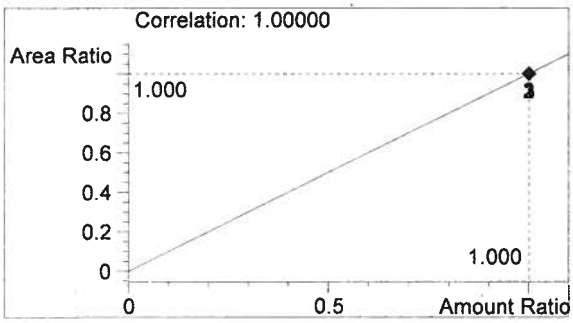
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1556	1.741



Ethanol 0.000 g/100mL



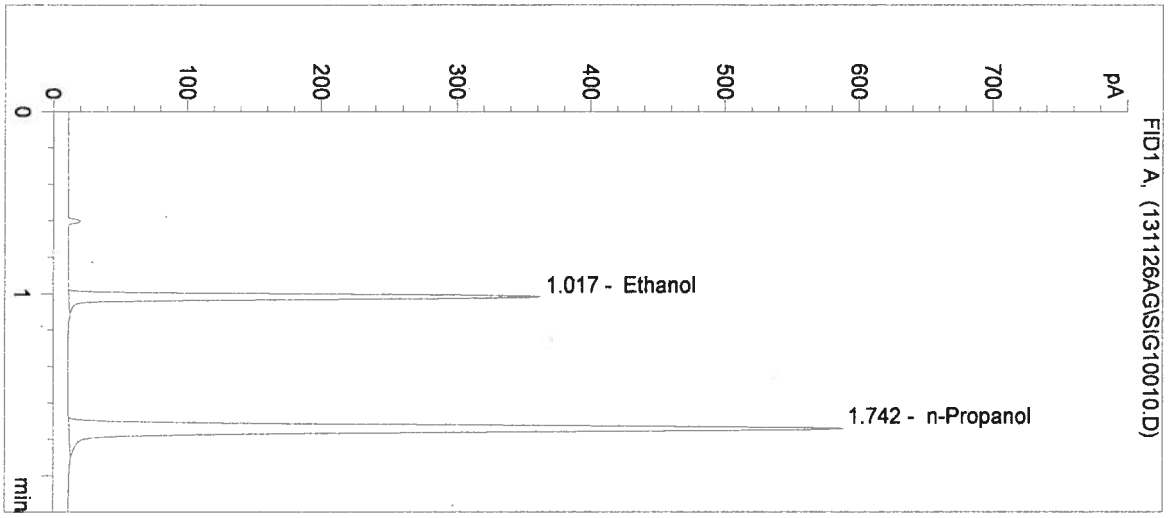
n-Propanol 0.012 g/100mL

13056

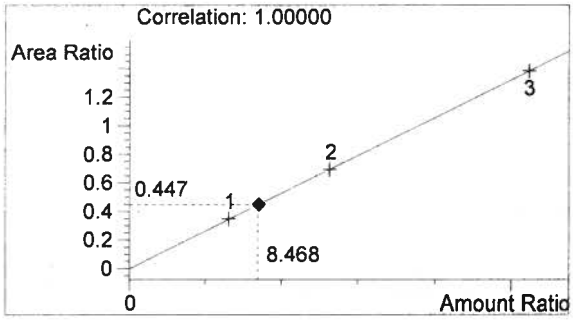
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:26:52 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

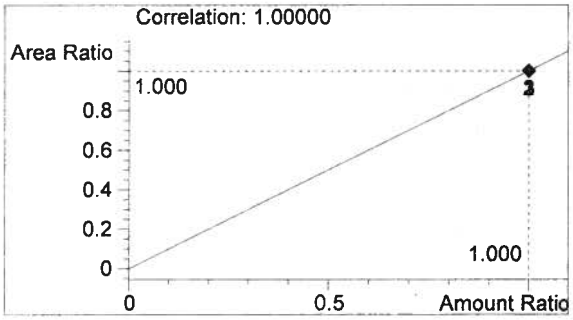
Sample Name: 13056 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.017
2	n-Propanol	1546	1.742



Ethanol 0.102 g/100mL



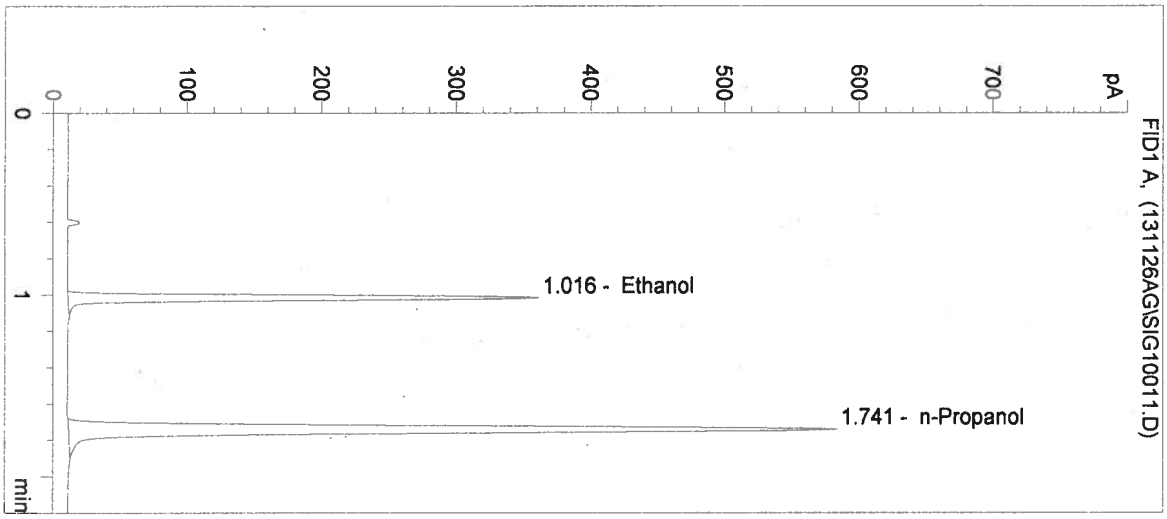
n-Propanol 0.012 g/100mL

AG

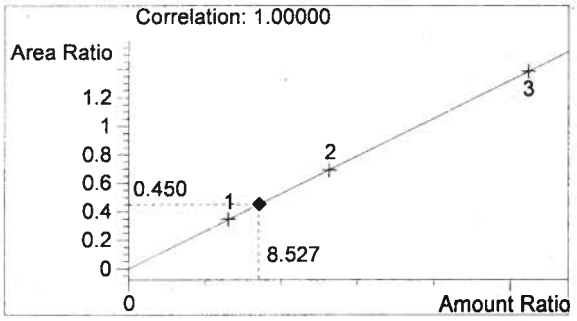
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:30:00 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

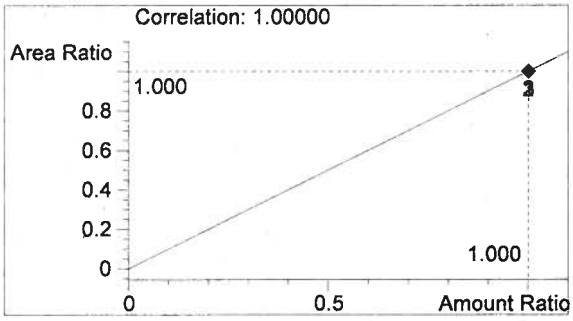
Sample Name: 13056 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	691	1.016
2	n-Propanol	1535	1.741



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

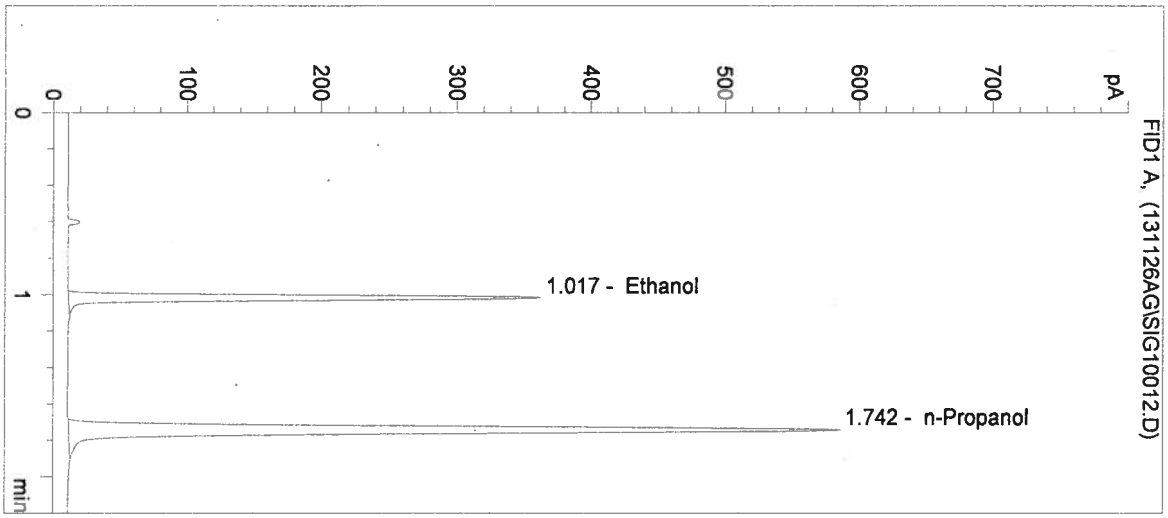
Data File: C:\HPCHEM\2\DATA\131126AG\SIG10011.D

AG

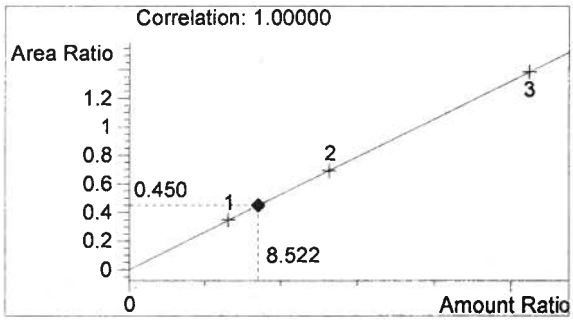
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:33:07 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

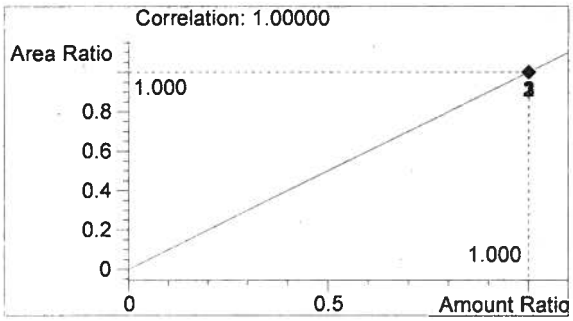
Sample Name: 13056 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.017
2	n-Propanol	1542	1.742



Ethanol 0.102 g/100mL

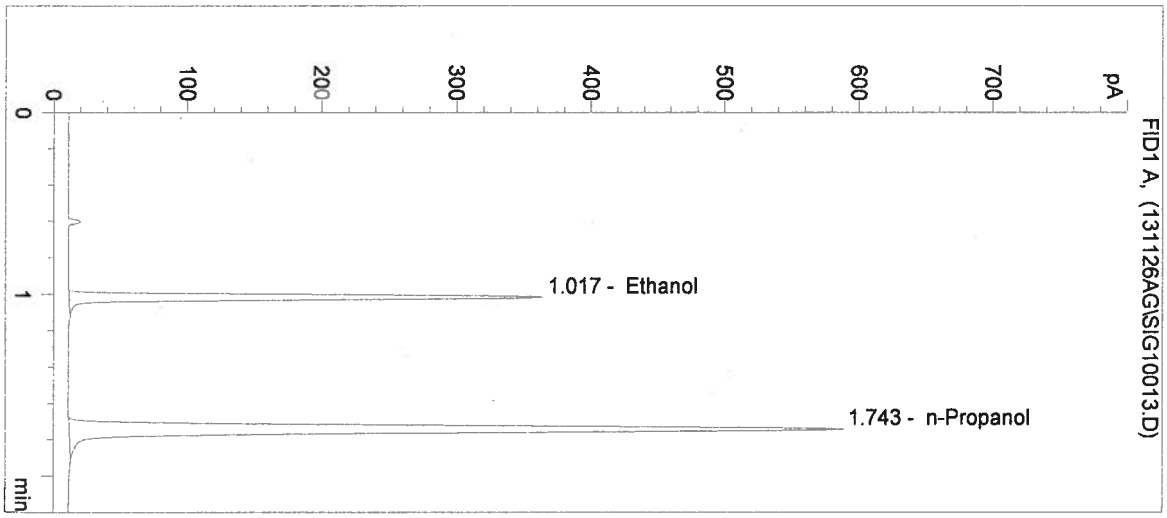


n-Propanol 0.012 g/100mL

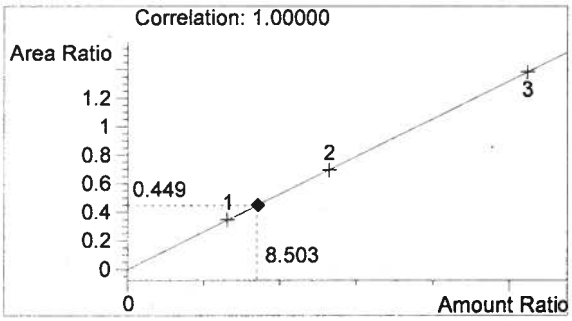
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:36:15 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

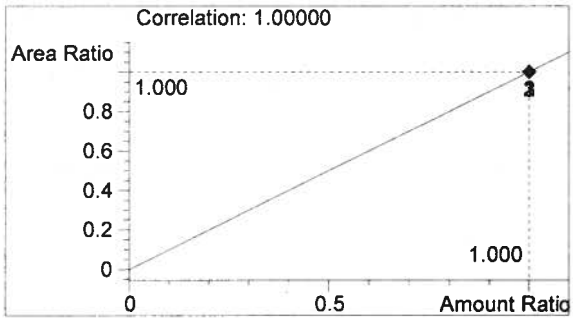
Sample Name: 13056 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.017
2	n-Propanol	1547	1.743



Ethanol 0.102 g/100mL

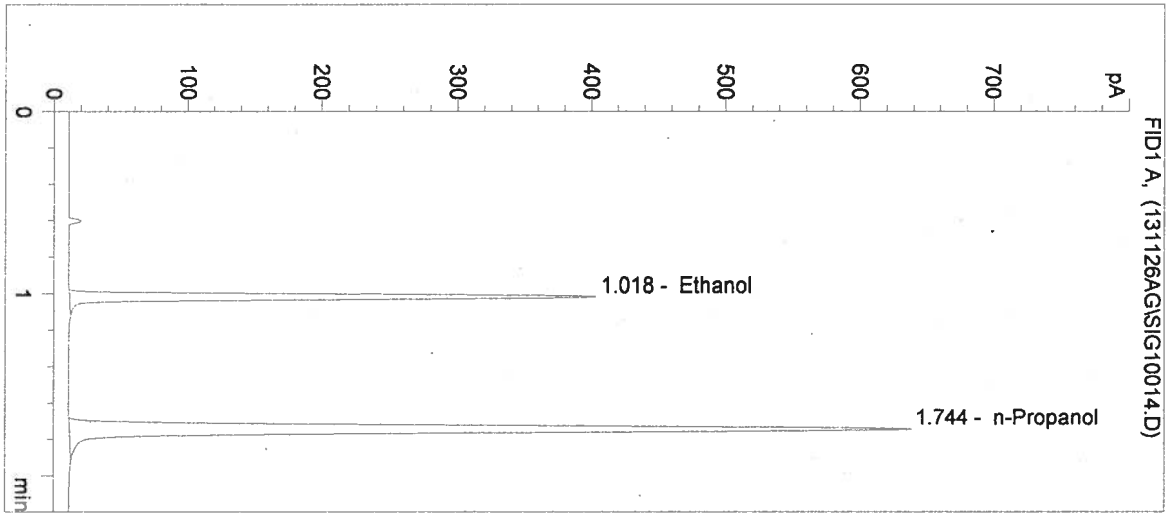


n-Propanol 0.012 g/100mL

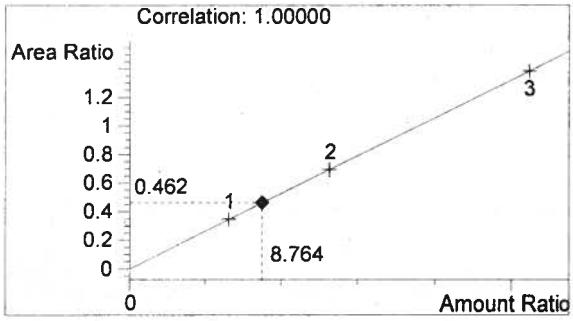
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:39:22 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

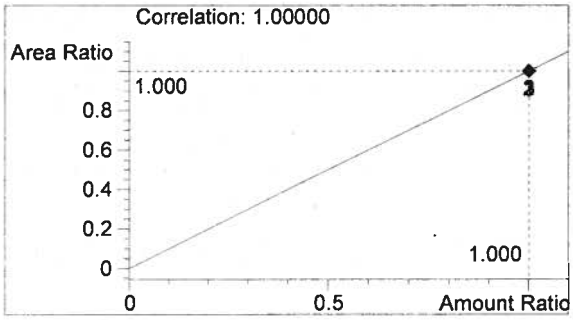
Sample Name: 13056 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	780	1.018
2	n-Propanol	1687	1.744



Ethanol 0.105 g/100mL



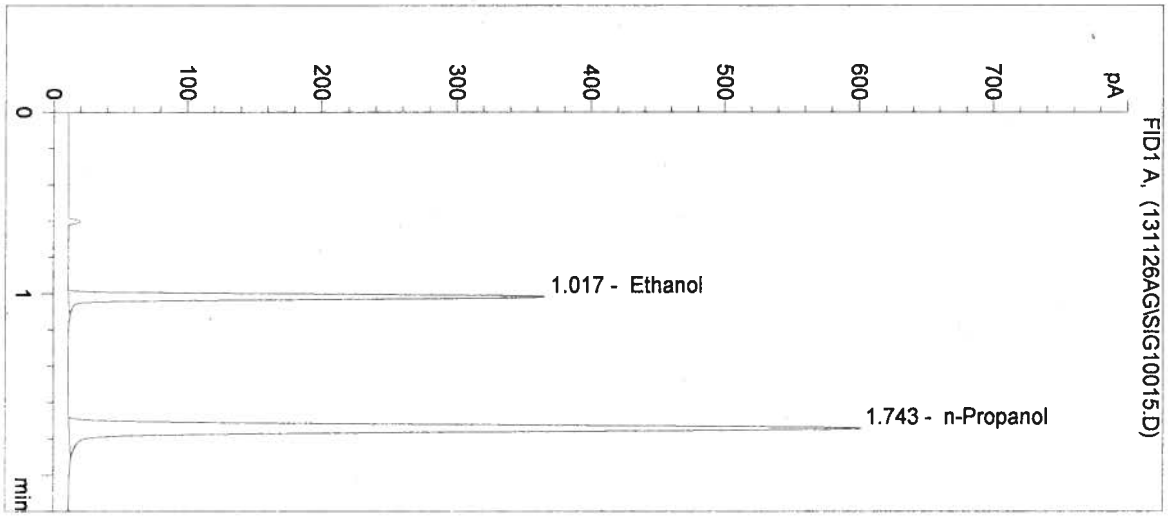
n-Propanol 0.012 g/100mL

AG

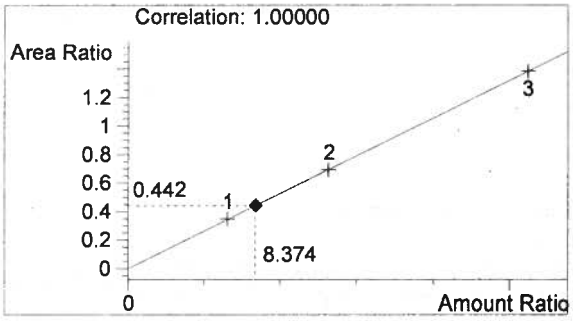
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:42:30 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

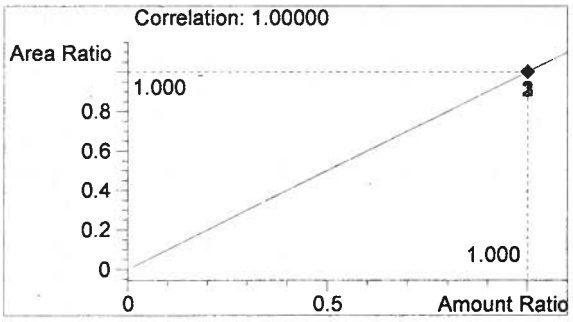
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	700	1.017
2	n-Propanol	1584	1.743



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

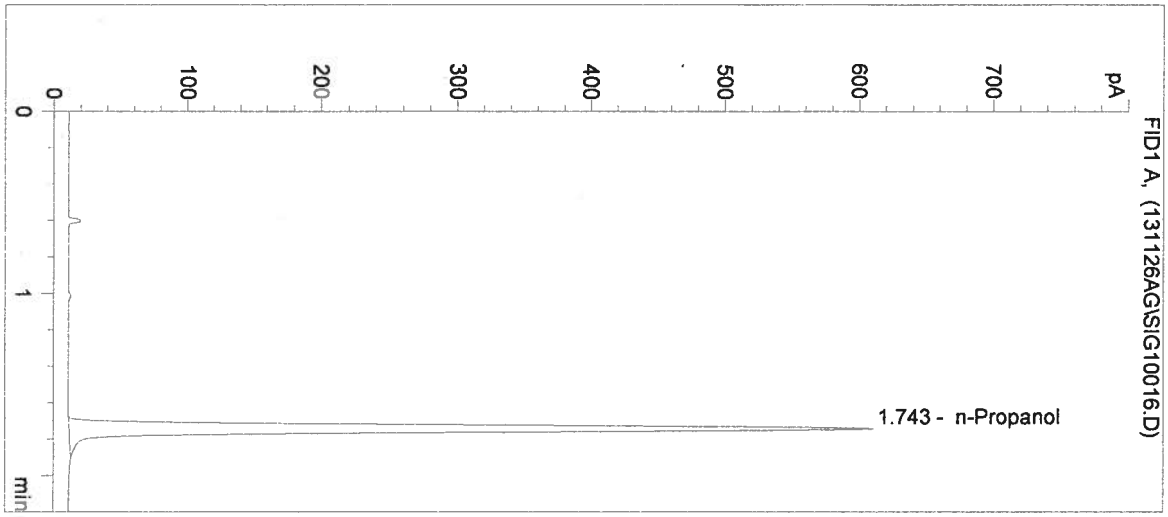
13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10015.D

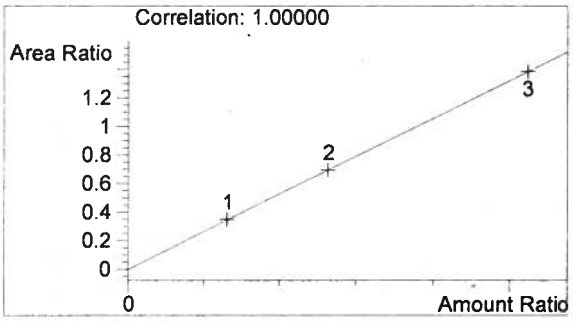
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 3:45:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

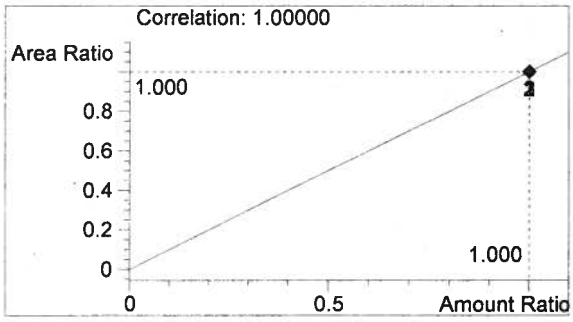
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1602	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

Data File: C:\HPCHEM\2\DATA\131126AG\SIG10016.D

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

Sequence Parameters:

Operator:	Sarah Swenson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131126SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator 1 - Lot# E0703-01 - Exp. 1/24/2014
0.158 Calibrator 2 - Lot# E0703-02 - Exp. 1/24/2014
0.316 Calibrator 3 - Lot# E0703-03 - Exp. 1/24/2014
0.04 Control 1 - Lot# FN120110-04 - Exp. 12/2015
0.10 Control 2 - Lot# A095230 - Exp. 09/2017
0.20 Control 3 - Lot# FN100511-01 - Exp. 10/2016
n-Propanol ISTD - Lot# P1113 - Exp. 02/14/2014

SMS 12/9/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13056 #1	SIMALC3	1	Sample		
11	Vial 11	13056 #2	SIMALC3	1	Sample		
12	Vial 12	13056 #3	SIMALC3	1	Sample		
13	Vial 13	13056 #4	SIMALC3	1	Sample		
14	Vial 14	13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

SMS

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

Sequence Table (Back Injector):

No entries - empty table!

13056

SJS

Calibration Table

Calib. Data Modified : Tuesday, November 26, 2013 1:57:00 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	7.87500e-2	539.76422	1.45897e-4	1		Ethanol
		2	1.58140e-1	1064.15186	1.48607e-4			
		3	3.14420e-1	2254.76416	1.39447e-4			
1.743	1	1	1.20000e-2	1538.76819	7.79845e-6	I1		n-Propanol
		2	1.20000e-2	1534.11987	7.82207e-6			
		3	1.20000e-2	1595.76135	7.51992e-6			

Peak Sum Table

No Entries in table

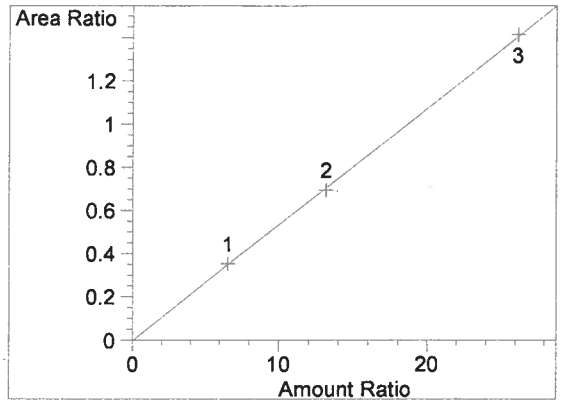
13056

SLS

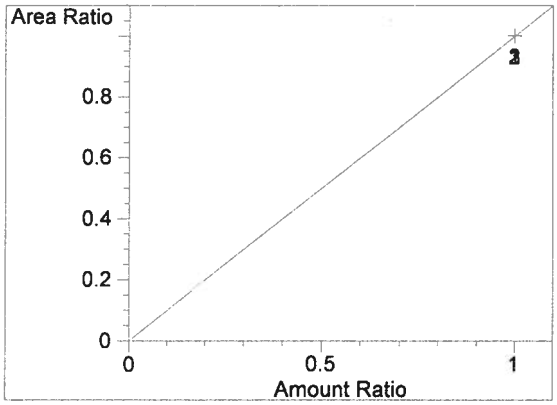
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.00993
Formula: y = mx + b
m: 5.38910e-2
b: -4.62040e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
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

==========

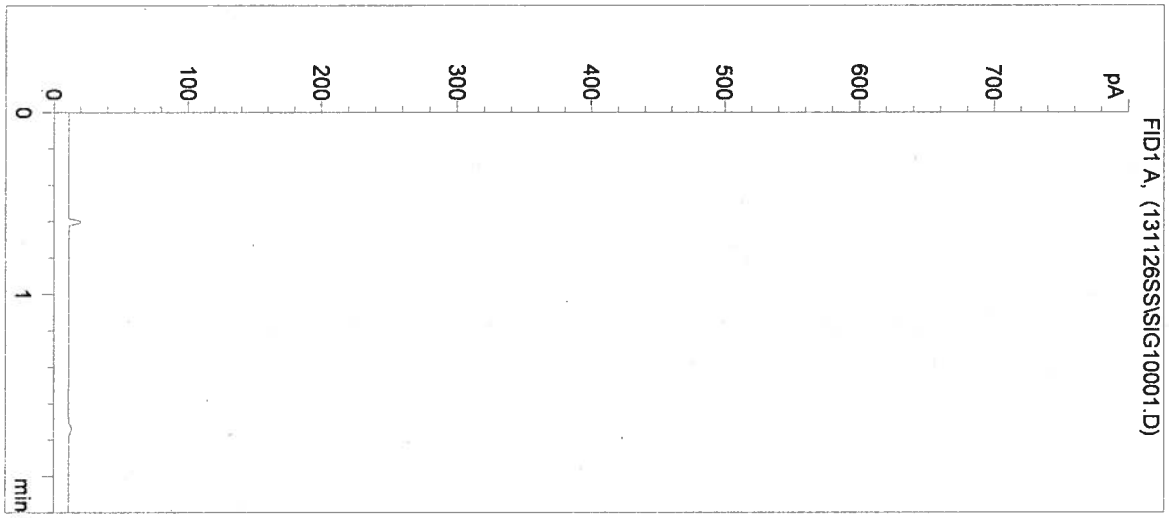
13056

SMS

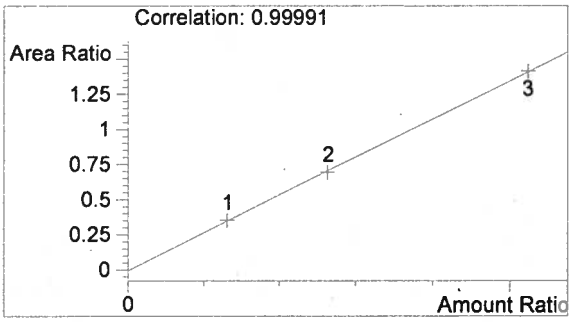
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 1:45:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

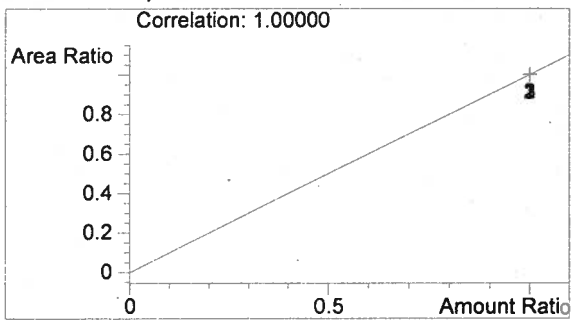
Sample Name: BLANK
Operator: Sarah Swenson
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

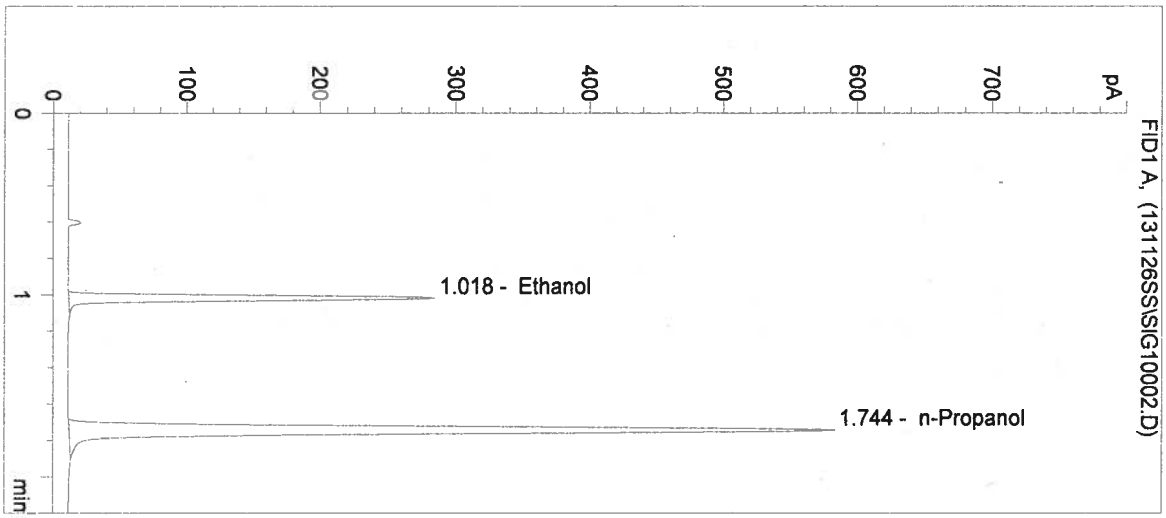
13056

SMS

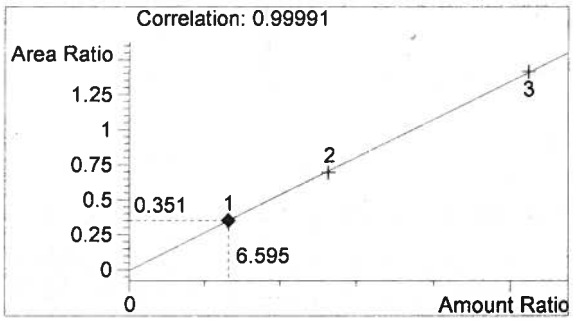
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 1:48:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

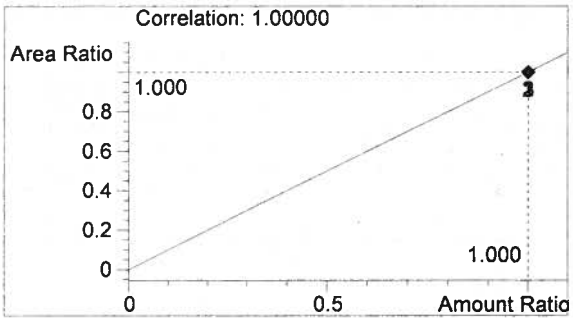
Sample Name: CAL1 0.079
Operator: Sarah Swenson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	540	1.018
2	n-Propanol	1539	1.744



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

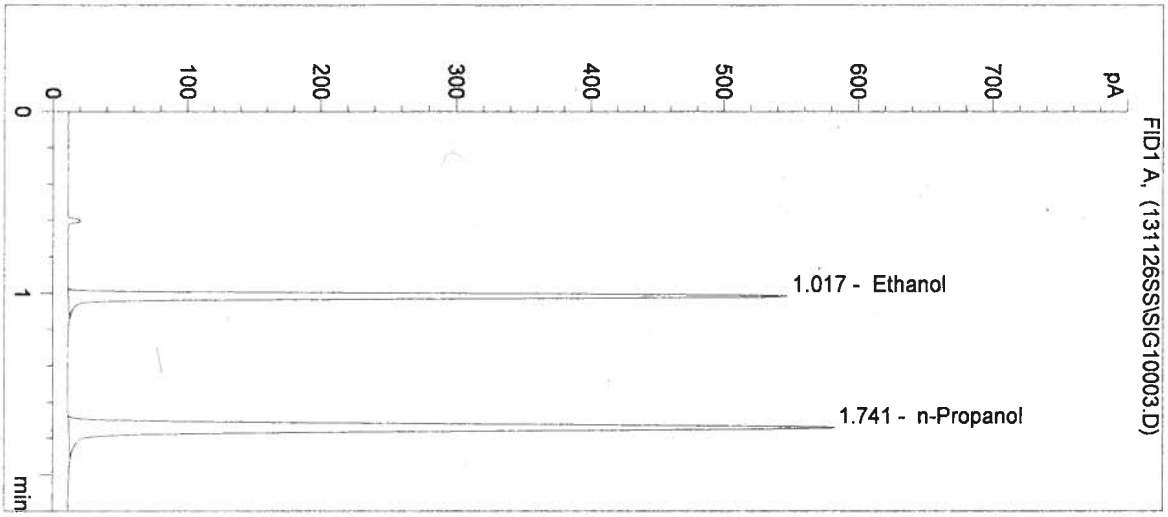
13056

SMS

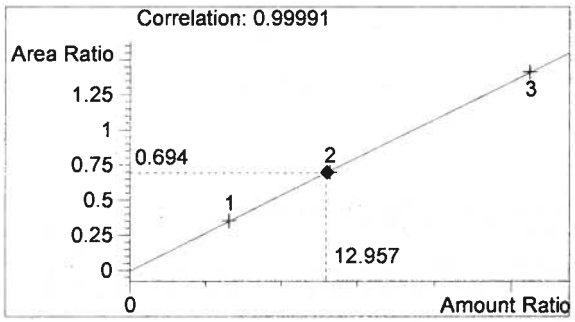
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 1:51:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

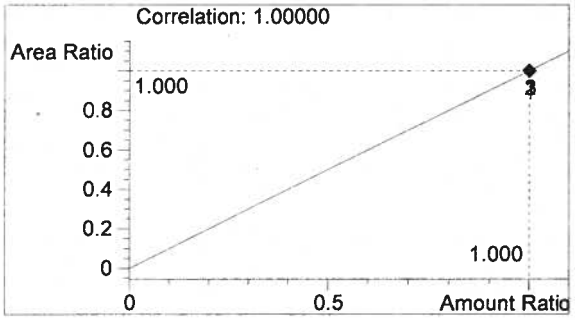
Sample Name: CAL2 0.158
Operator: Sarah Swenson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1064	1.017
2	n-Propanol	1534	1.741



Ethanol 0.155 g/100mL



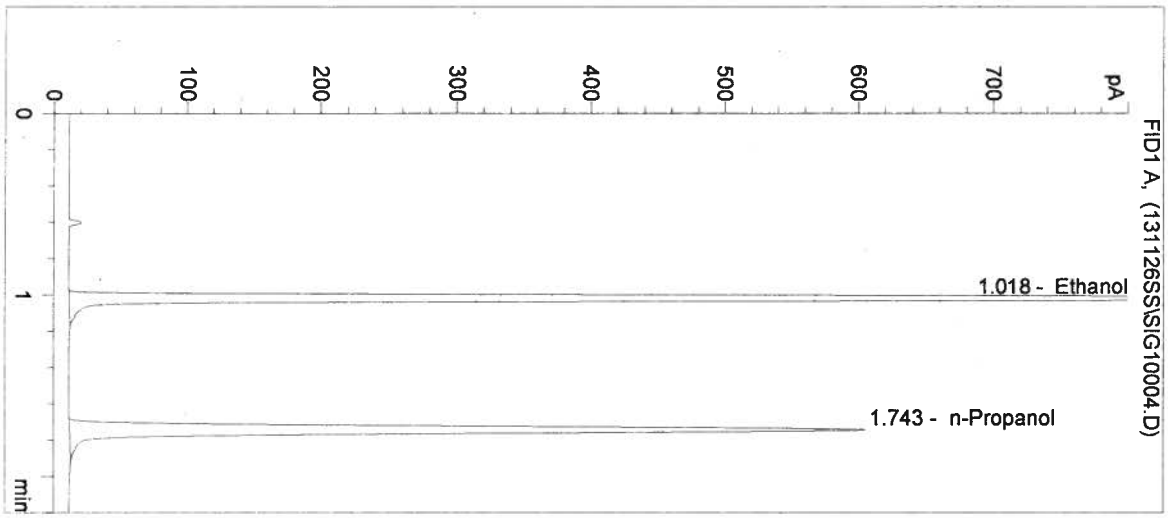
n-Propanol 0.012 g/100mL

1305

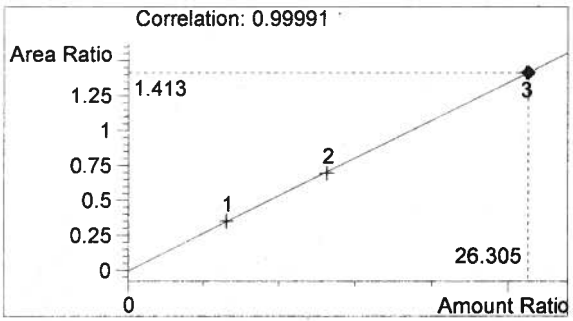
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 1:54:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

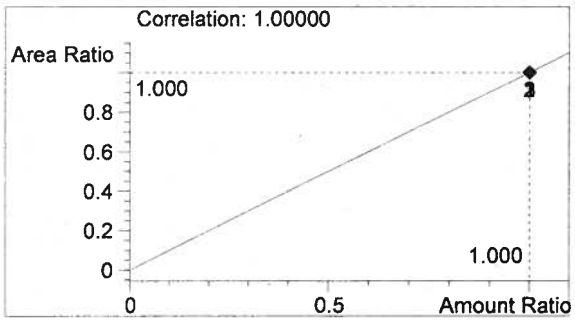
Sample Name: CAL3 0.316
Operator: Sarah Swenson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2255	1.018
2	n-Propanol	1596	1.743



Ethanol 0.316 g/100mL



n-Propanol 0.012 g/100mL

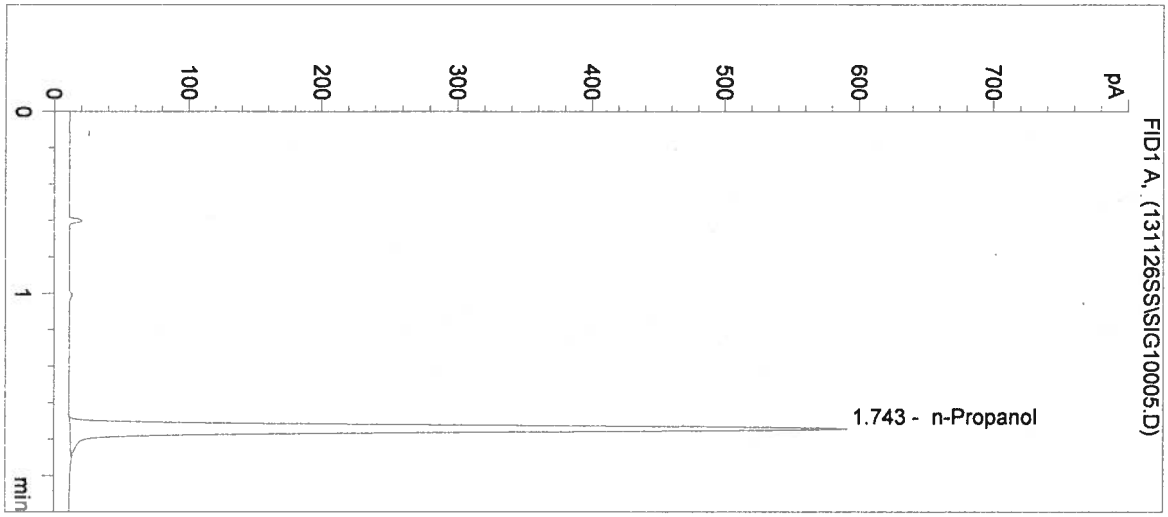
13056

SMS

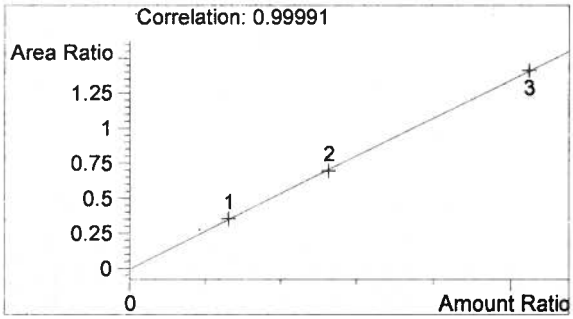
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 1:57:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

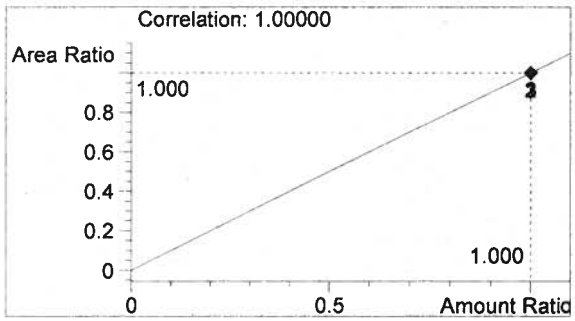
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1558	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

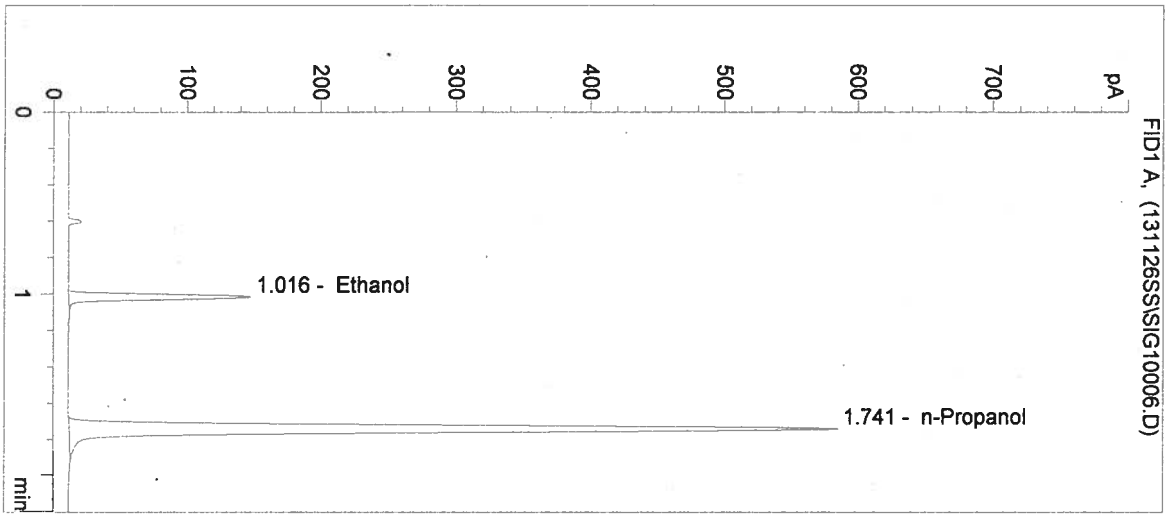
13056

SMS

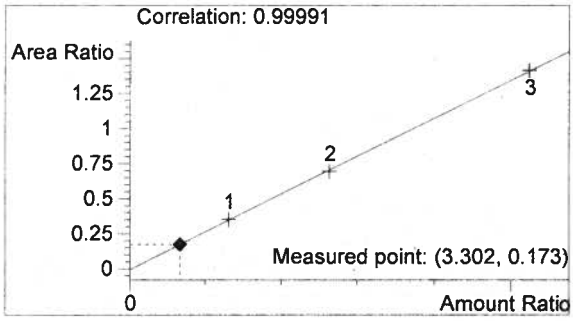
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:01:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

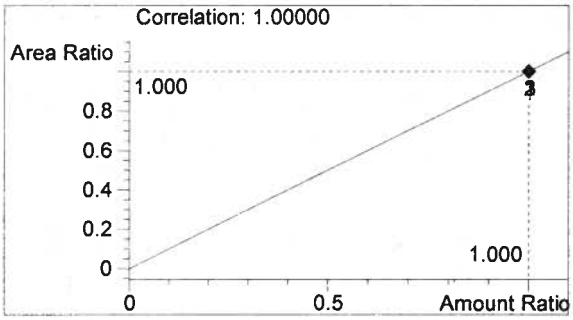
Sample Name: 0.04 CTRL
Operator: Sarah Swenson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	267	1.016
2	n-Propanol	1542	1.741



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

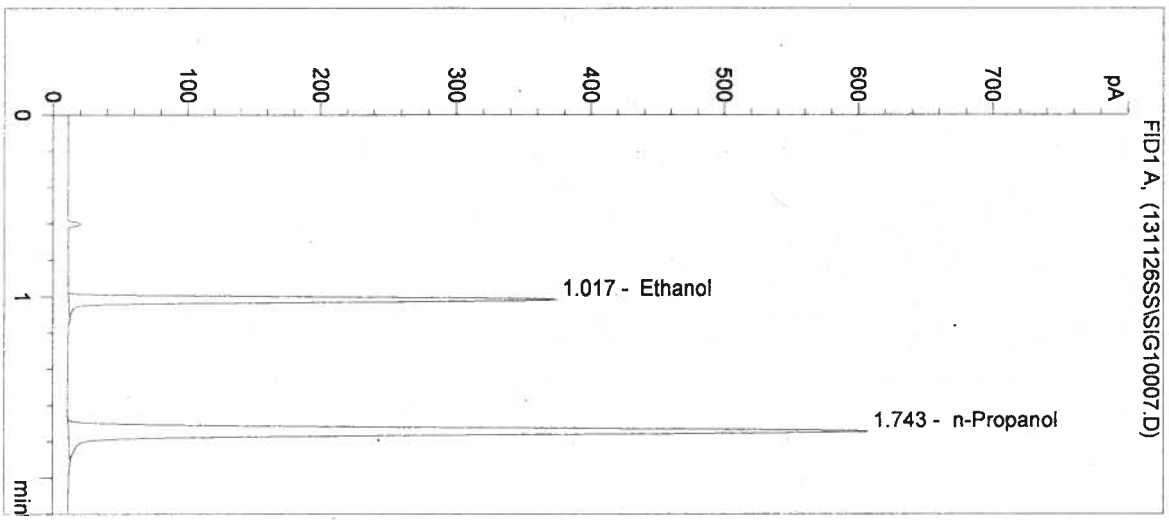
13056

SMS

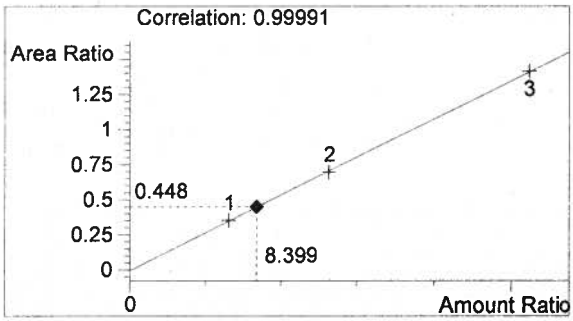
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:04:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

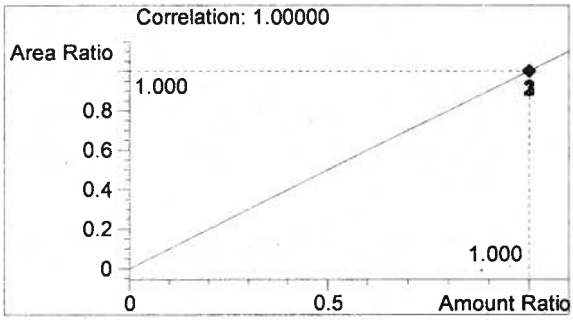
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	716	1.017
2	n-Propanol	1598	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13056

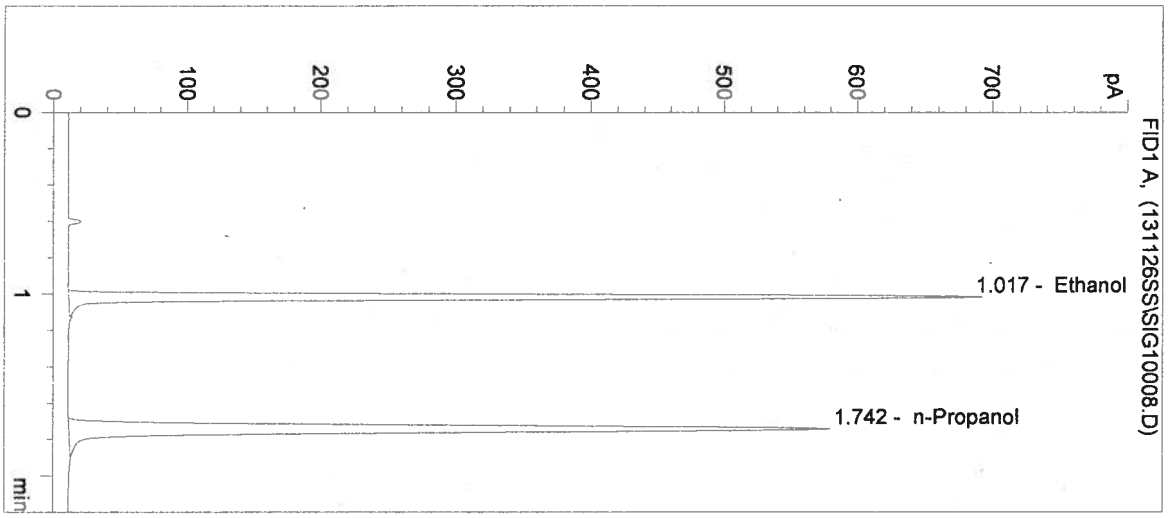
SLS

Data File: C:\HPCHEM\2\DATA\131126SS\SIG10007.D

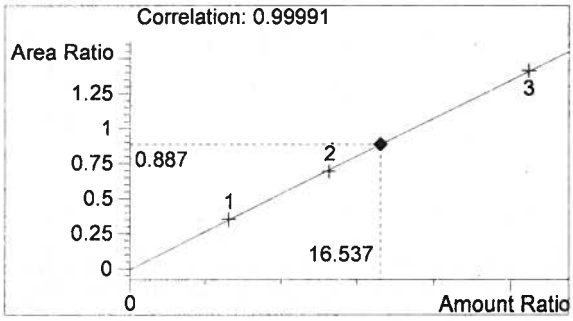
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:07:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

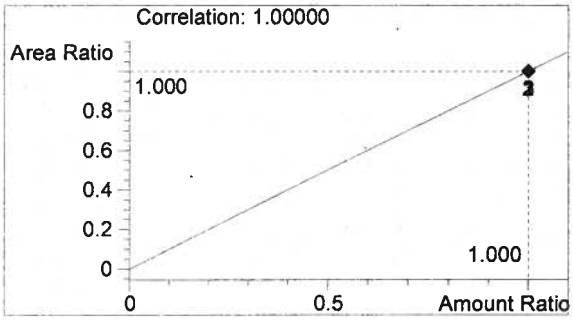
Sample Name: 0.20 CTRL
Operator: Sarah Swenson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1350	1.017
2	n-Propanol	1522	1.742



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

13056

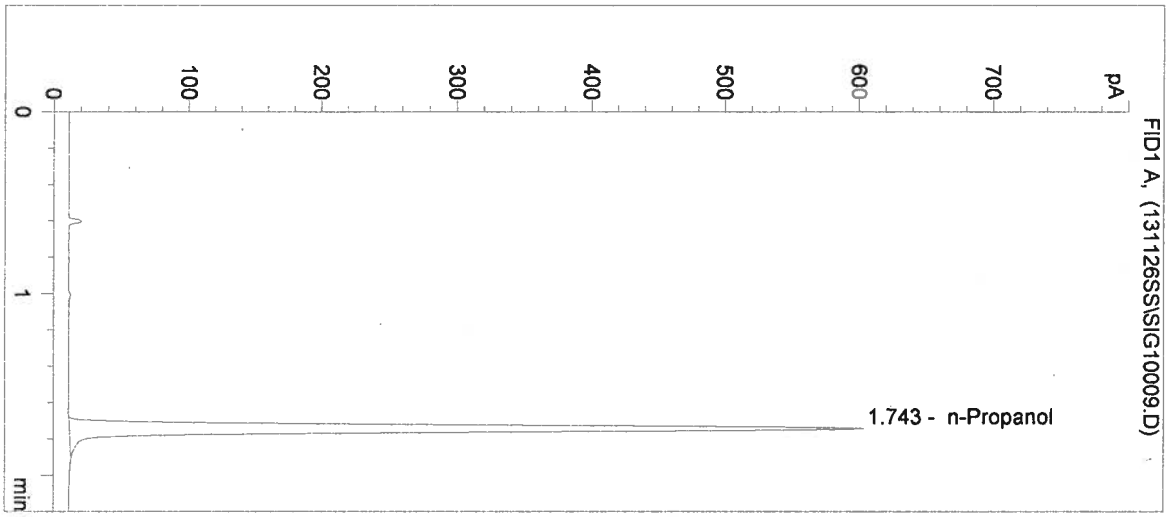
SKS

Data File: C:\HPCHEM\2\DATA\131126SS\SIG10008.D

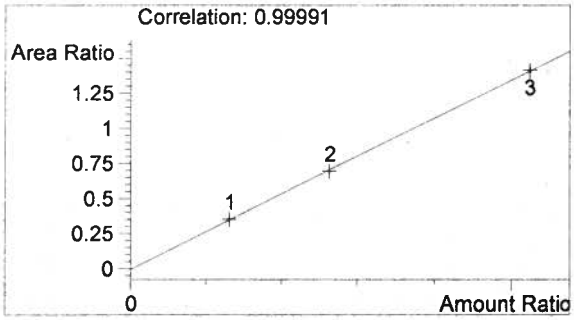
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:10:25 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

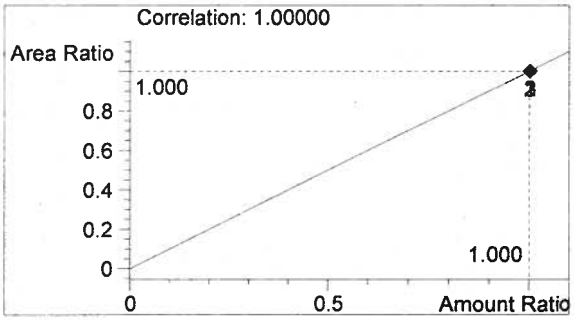
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1586	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

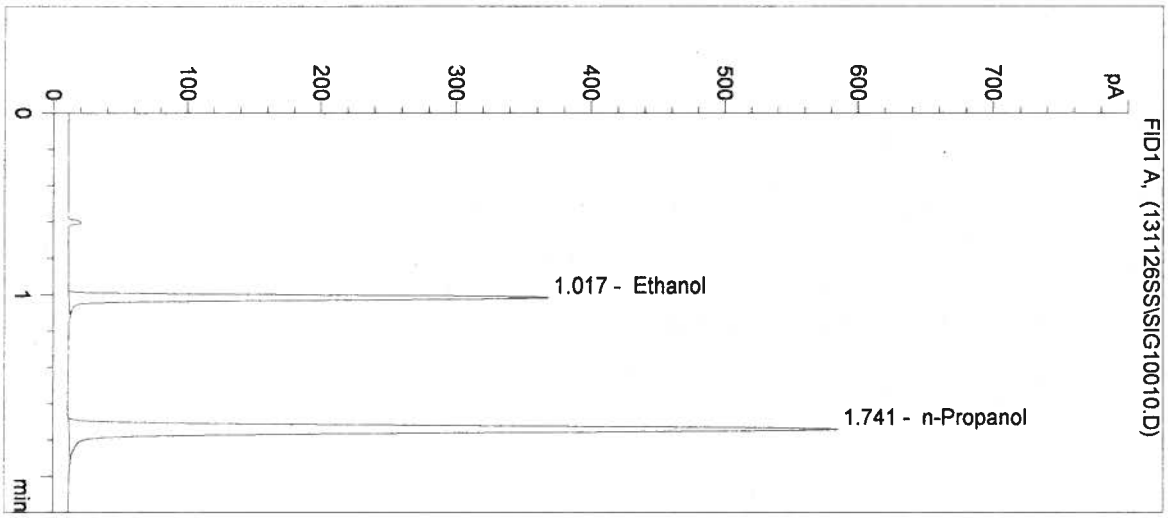
13056

SJS

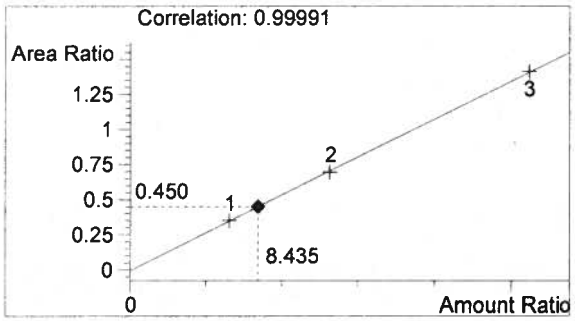
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:13:32 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

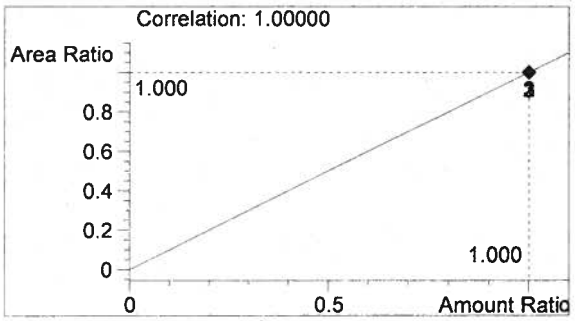
Sample Name: 13056 #1
Operator: Sarah Swenson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	693	1.017
2	n-Propanol	1539	1.741



Ethanol 0.101 g/100mL



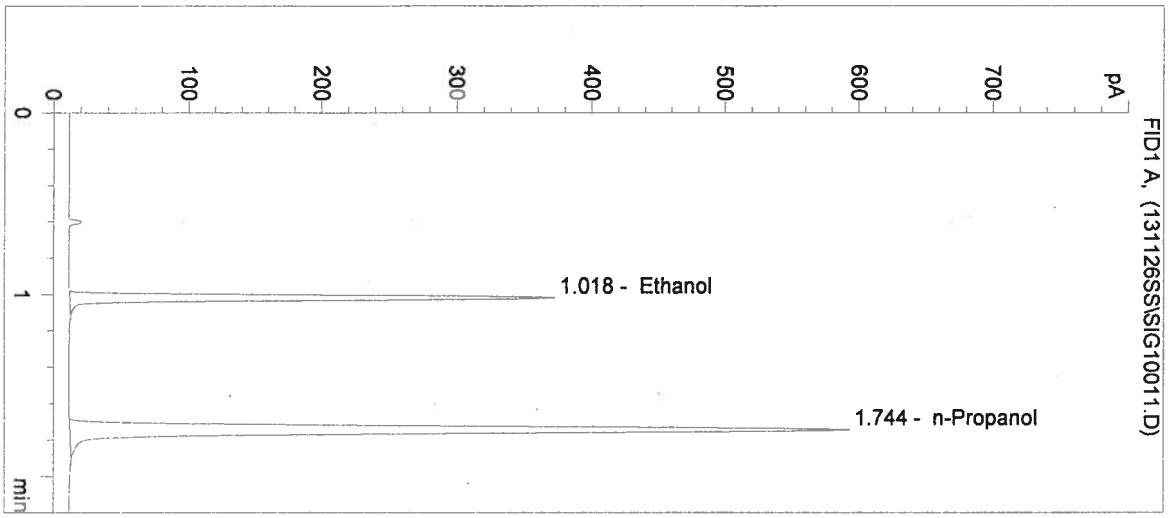
n-Propanol 0.012 g/100mL

SHS

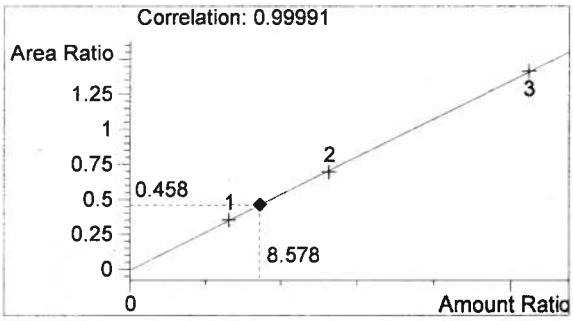
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:16:40 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

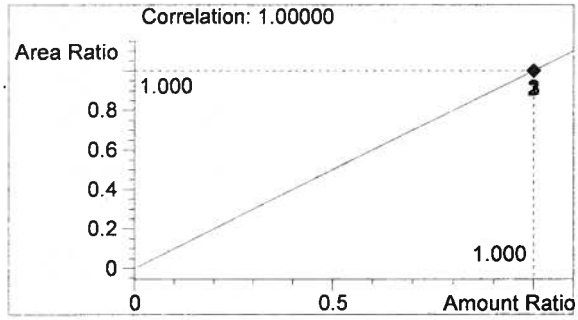
Sample Name: 13056 #2
Operator: Sarah Swenson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.018
2	n-Propanol	1557	1.744



Ethanol 0.103 g/100mL



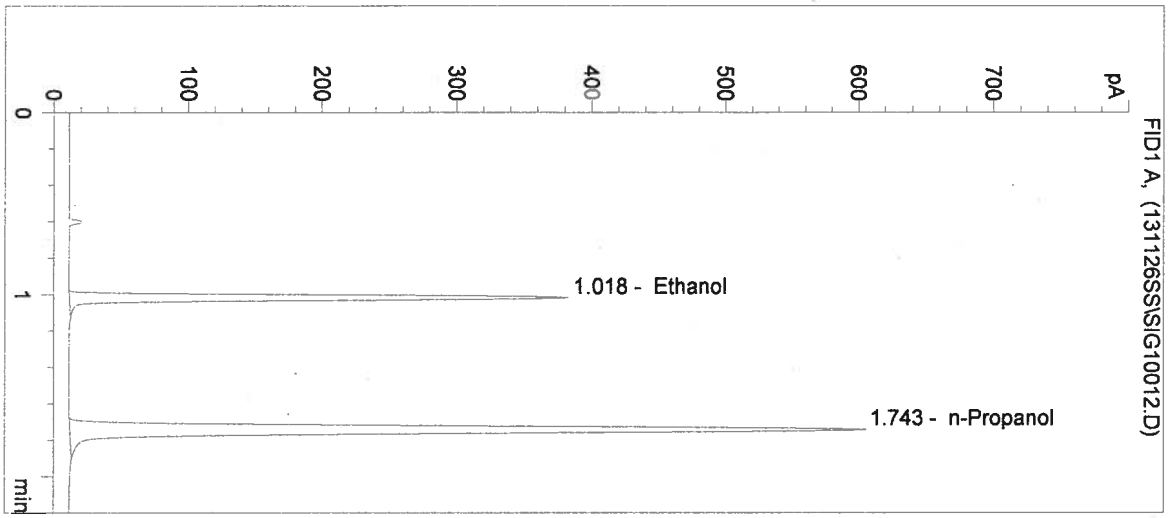
n-Propanol 0.012 g/100mL

SMS

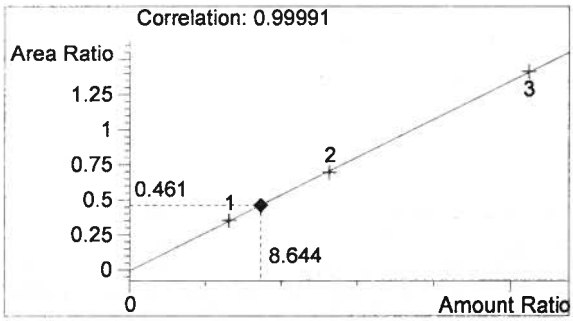
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:19:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

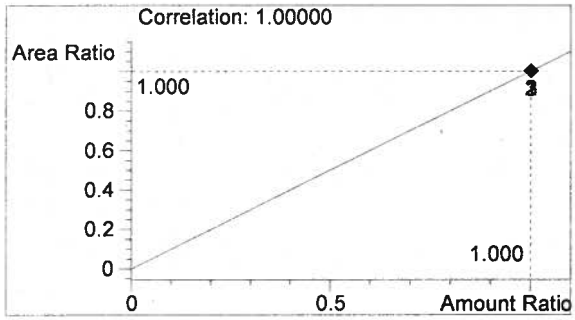
Sample Name: 13056 #3
Operator: Sarah Swenson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	736	1.018
2	n-Propanol	1595	1.743



Ethanol 0.104 g/100mL

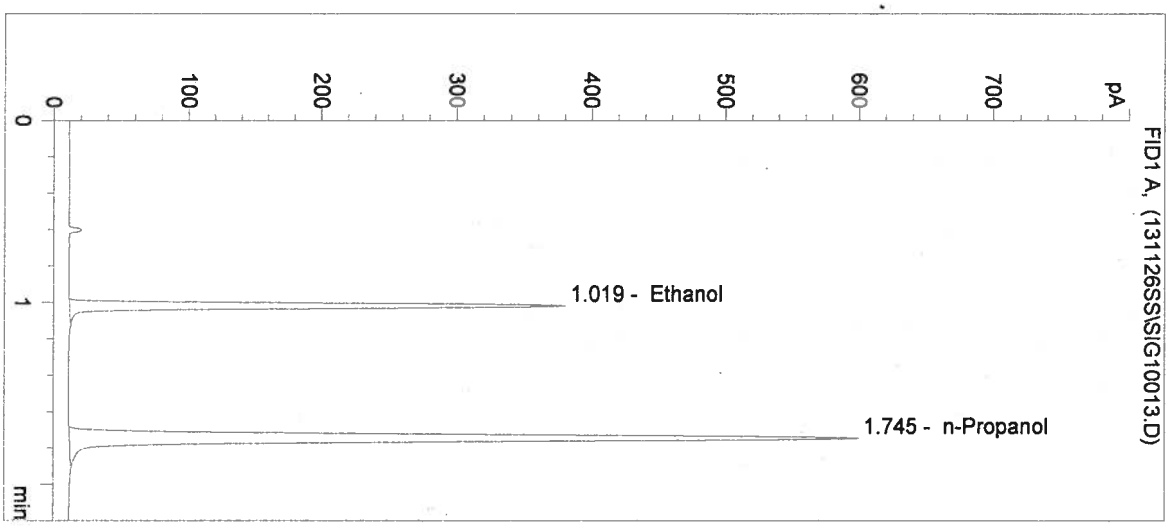


n-Propanol 0.012 g/100mL

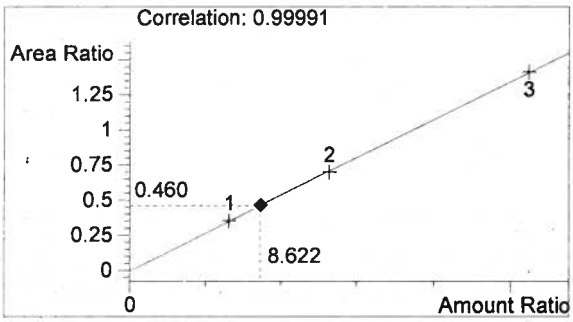
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:22:55 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

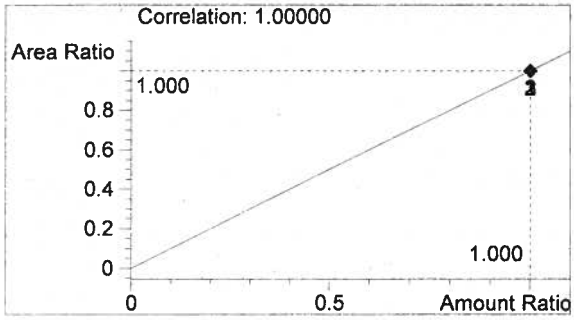
Sample Name: 13056 #4
Operator: Sarah Swenson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	726	1.019
2	n-Propanol	1579	1.745



Ethanol 0.103 g/100mL



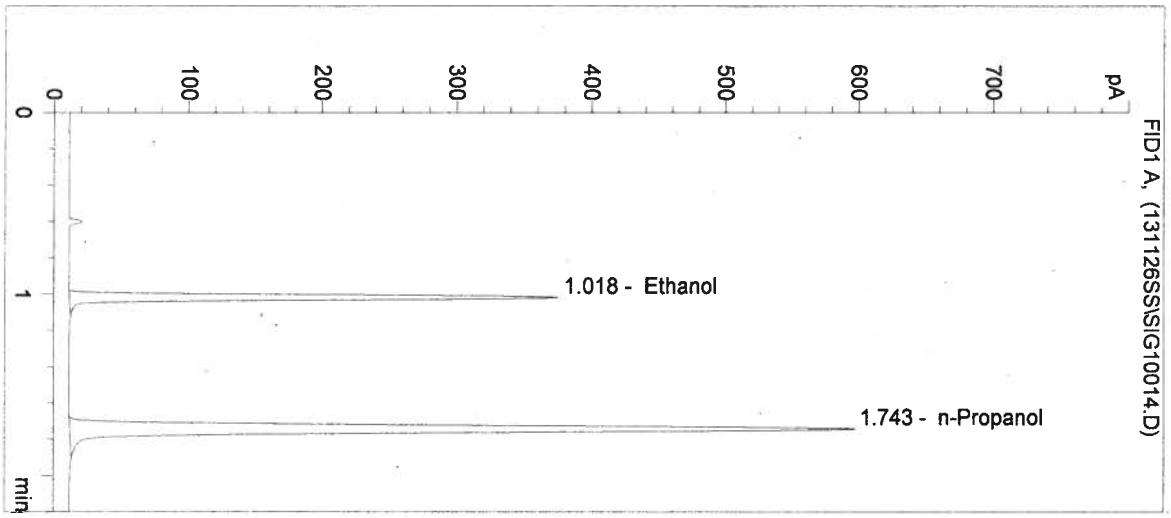
n-Propanol 0.012 g/100mL

SMS

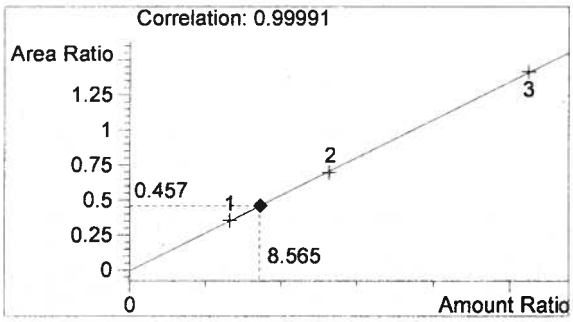
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:26:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

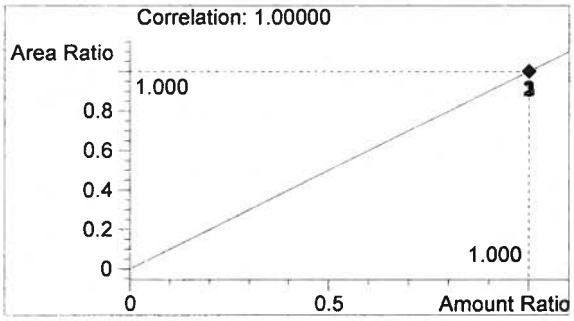
Sample Name: 13056 #5
Operator: Sarah Swenson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.018
2	n-Propanol	1570	1.743



Ethanol 0.103 g/100mL



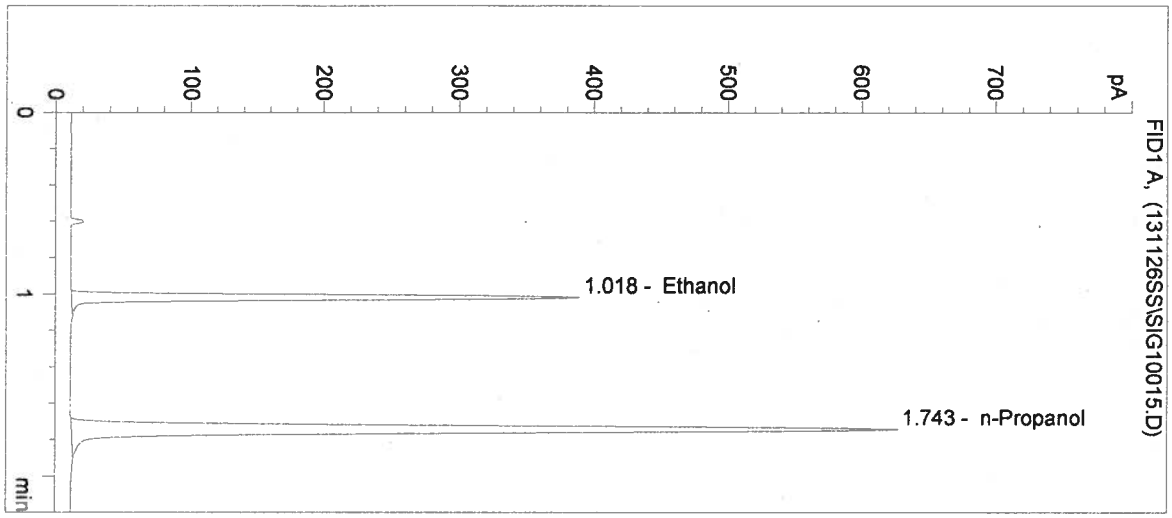
n-Propanol 0.012 g/100mL

SMS

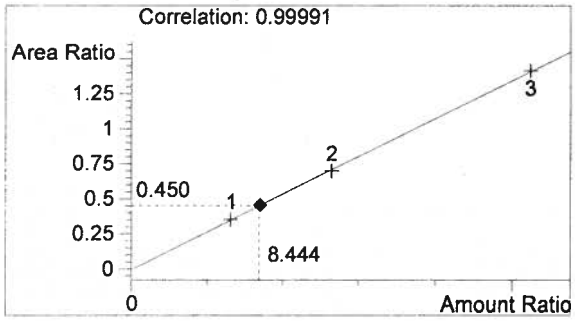
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:29:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

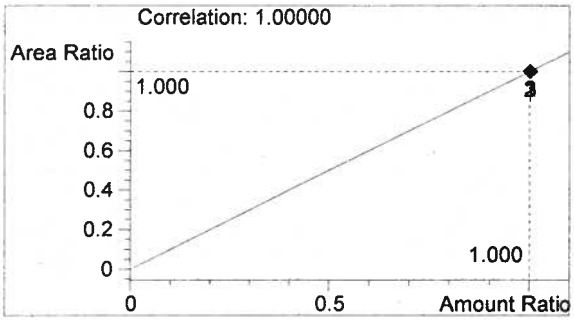
Sample Name: 0.10 CTRL
Operator: Sarah Swenson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	745	1.018
2	n-Propanol	1654	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

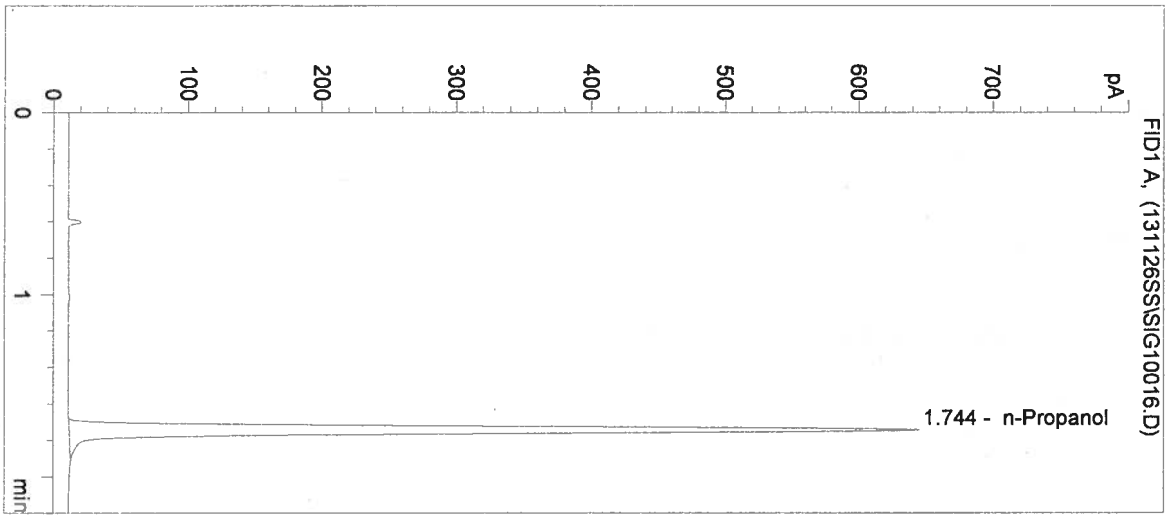
13056

SMS

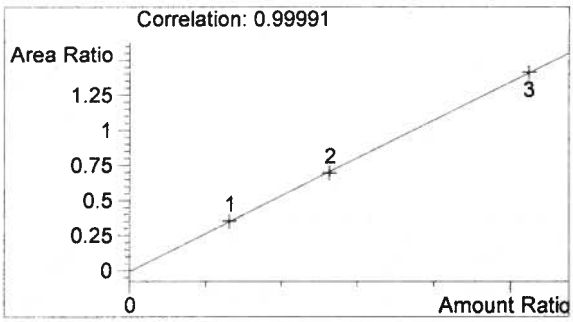
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/26/2013 2:32:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

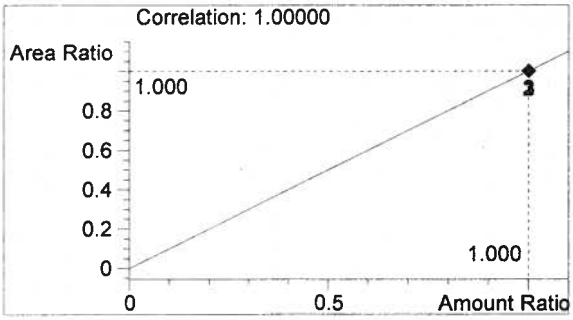
Sample Name: NEG CTRL
Operator: Sarah Swenson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1699	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

SMS

Sequence: C:\HPCHEM\2\SEQUENCE\ACESS3.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\2\DATA\
Data Subdirectory:	131203AC
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

0.04 Control - Lot #FN120110-04 - Exp. 12/2015
0.10 Control - Lot #A095230 - Exp. 09/2017
0.20 Control - Lot #FN100511-01- Exp. 10/2016

n-Propanol ISTD - Lot# P1113 - Exp 02/14/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-AC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-AC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-AC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-AC	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-AC	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 13056 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 13056 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 13056 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 13056 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 13056 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-AC	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-AC	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

AC

Sequence Table (Back Injector):

No entries - empty table!

13056

AC

Calibration Table

Calib. Data Modified : Tuesday, December 03, 2013 9:46:32 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
1.017	1	1	7.87500e-2	531.90631	1.48052e-4	1		Ethanol
		2	1.58140e-1	1063.37695	1.48715e-4			
		3	3.14420e-1	2109.31567	1.49063e-4			
1.742	1	1	1.20000e-2	1521.22424	7.88838e-6	I1		n-Propanol
		2	1.20000e-2	1525.87354	7.86435e-6			
		3	1.20000e-2	1520.24988	7.89344e-6			

Peak Sum Table

No Entries in table

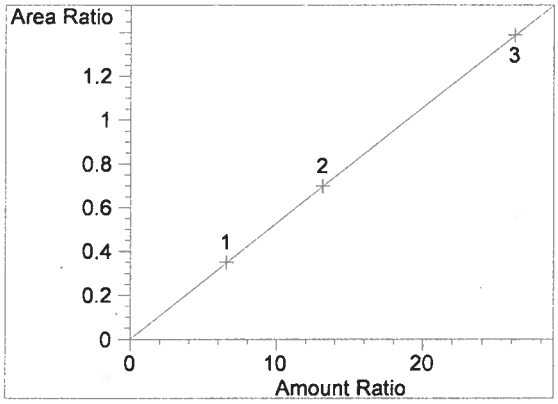
13056

ac

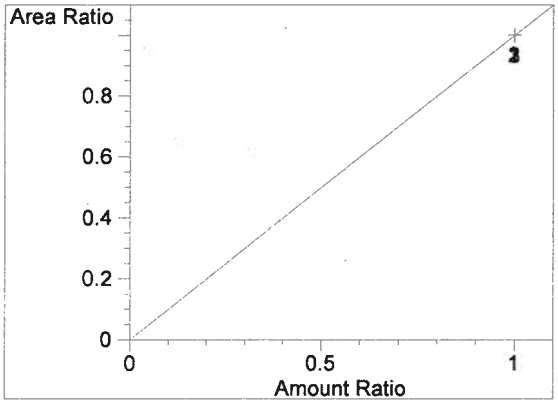
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00154
Formula: y = mx + b
m: 5.29215e-2
b: 6.72341e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
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

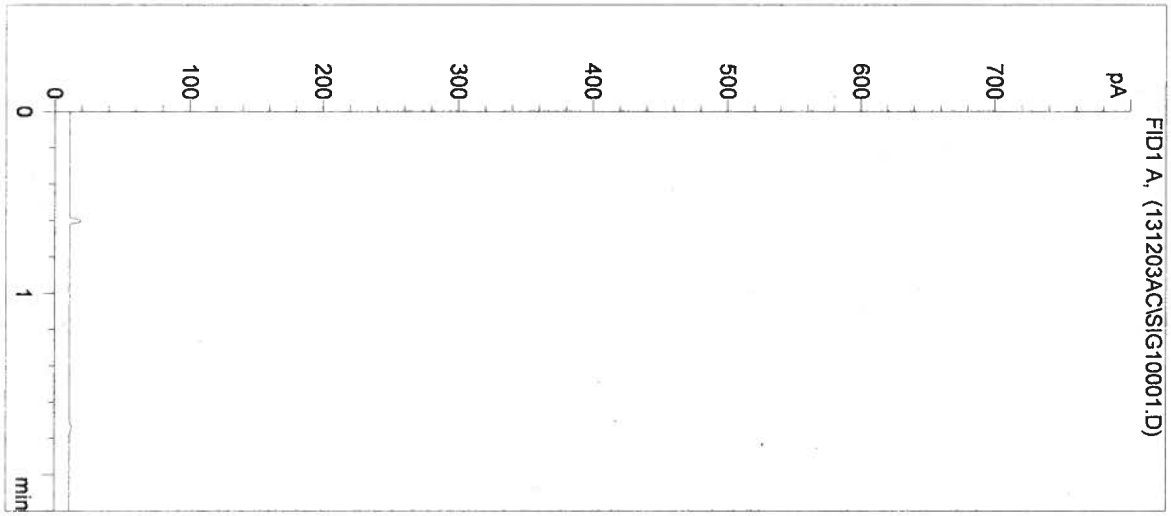
==========

13056

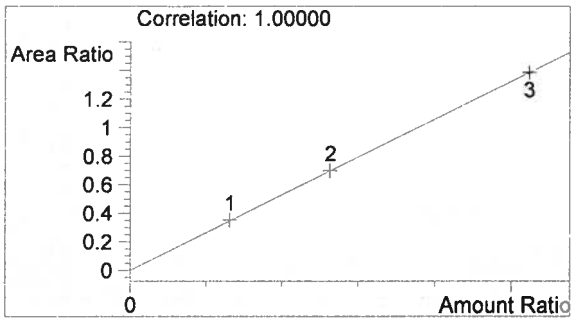
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:34:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

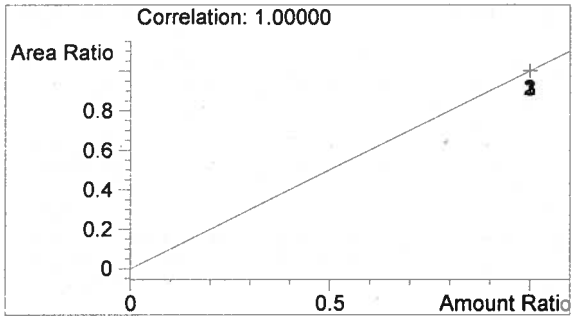
Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

13056

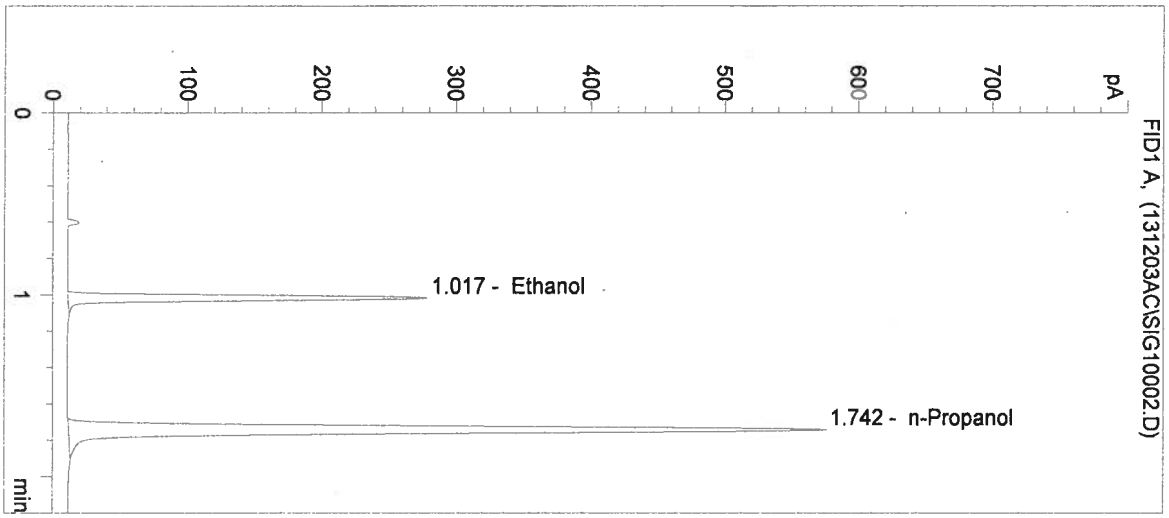
Data File: C:\HPCHEM\2\DATA\131203AC\SIG10001.D

ac

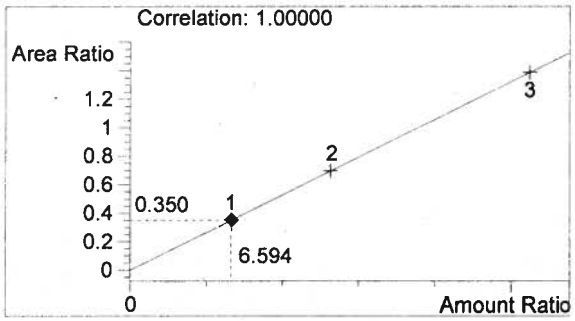
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:38:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

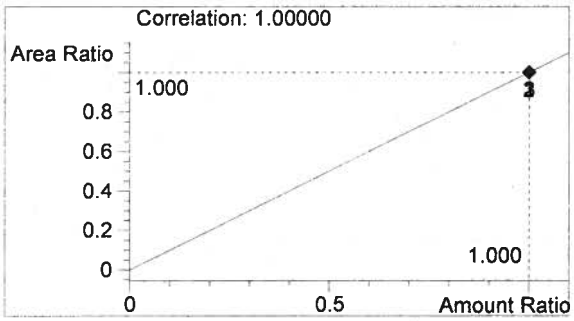
Sample Name: 0.079 CAL 1
Operator: Amanda Chandler
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	532	1.017
2	n-Propanol	1521	1.742



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

13056

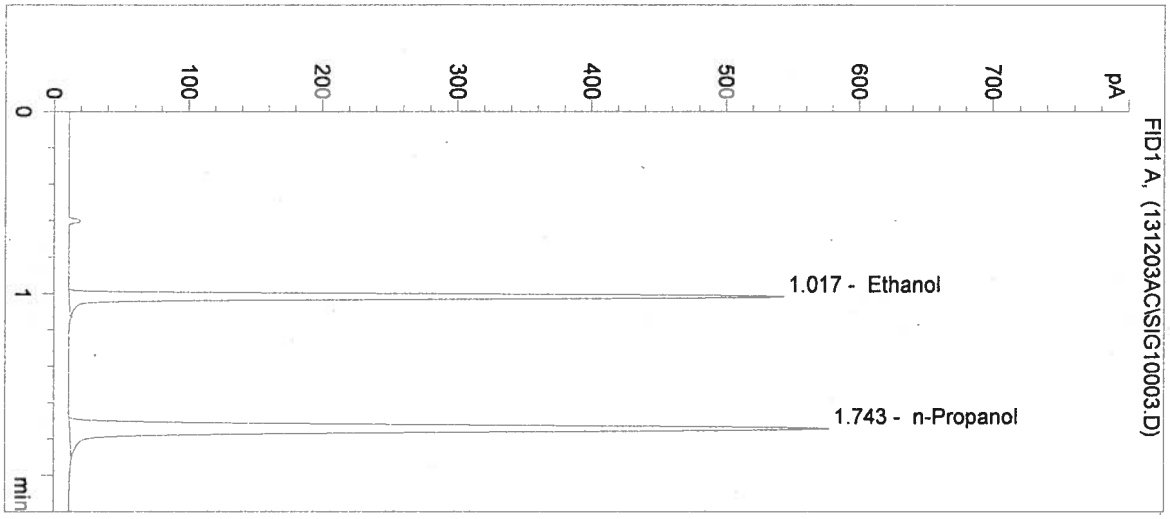
Data File: C:\HPCHEM\2\DATA\131203AC\SIG10002.D

ac

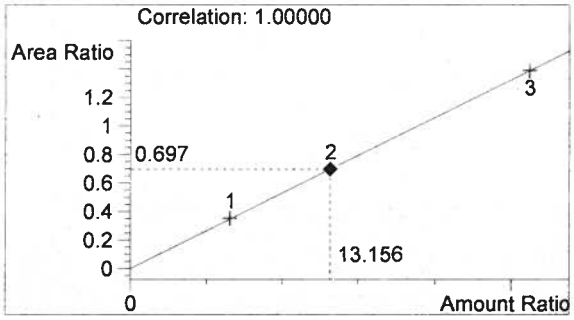
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:41:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

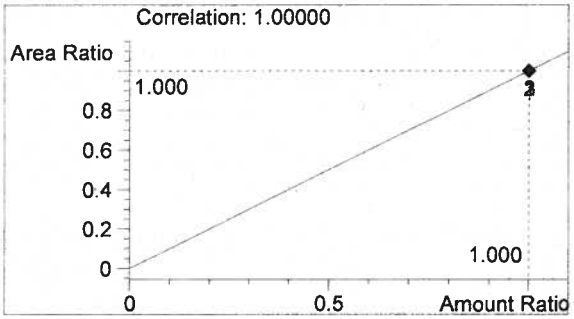
Sample Name: 0.158 CAL 2
Operator: Amanda Chandler
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1063	1.017
2	n-Propanol	1526	1.743



Ethanol 0.158 g/100mL



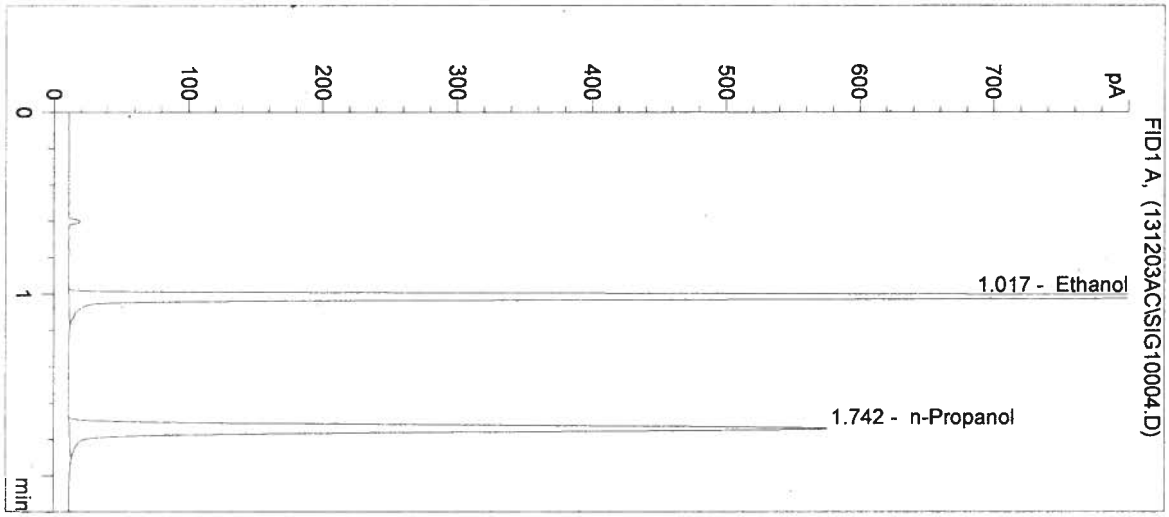
n-Propanol 0.012 g/100mL

13056

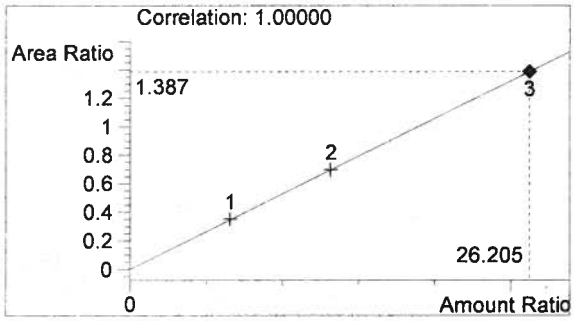
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:44:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

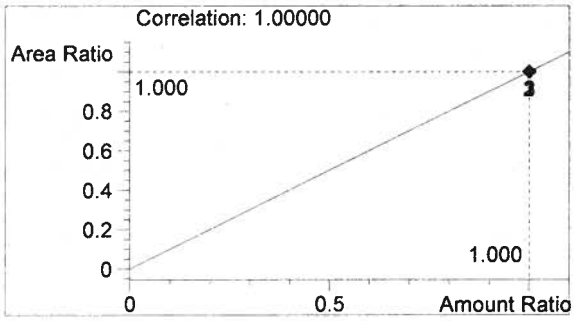
Sample Name: 0.316 CAL 3
Operator: Amanda Chandler
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2109	1.017
2	n-Propanol	1520	1.742



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

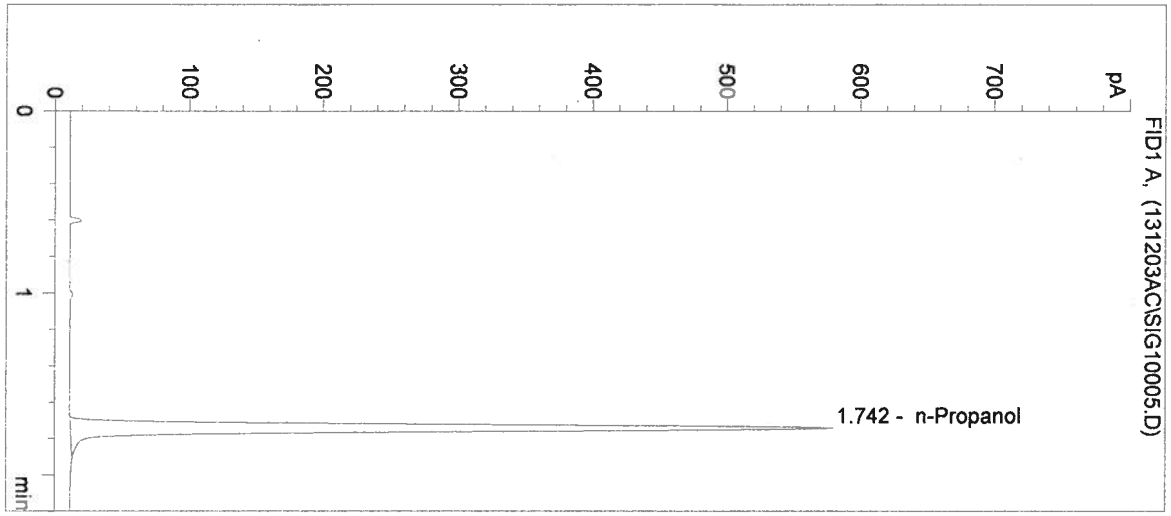
13056

AC

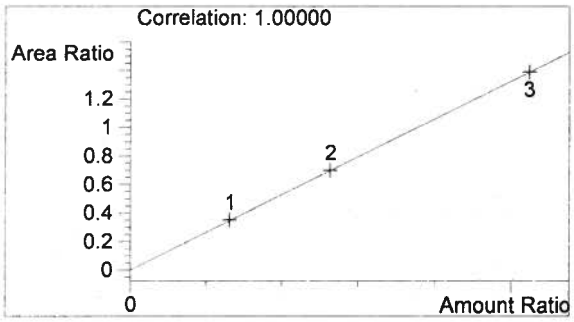
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:47:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

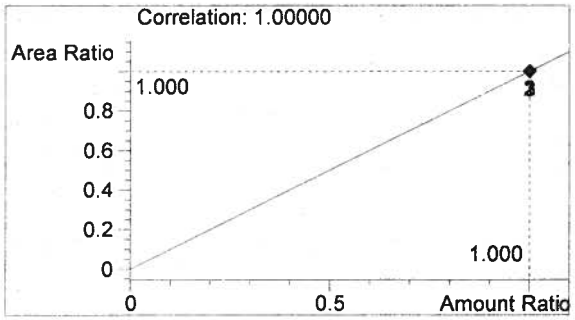
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1532	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

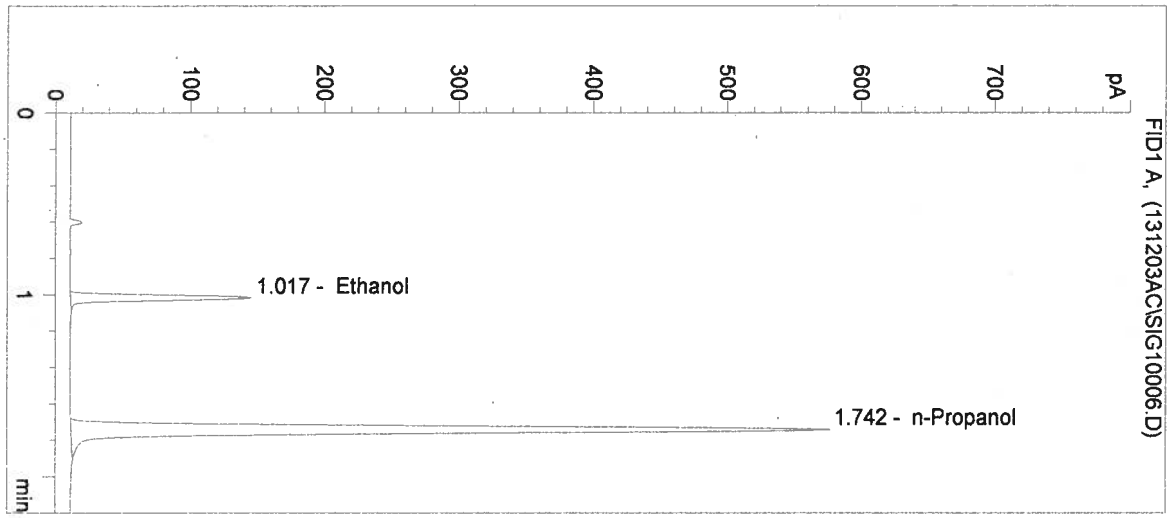
Data File: C:\HPCHEM\2\DATA\131203AC\SIG10005.D

AC

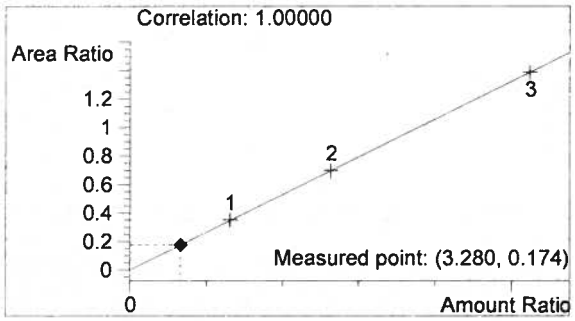
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:50:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

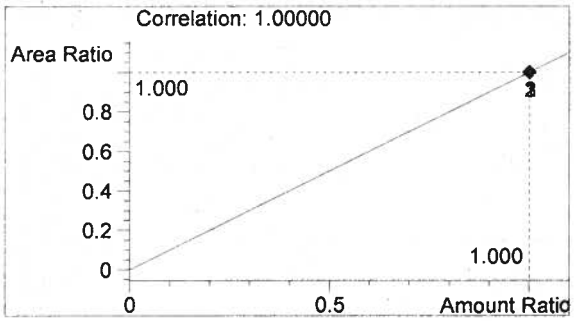
Sample Name: 0.04 CTRL-AC
Operator: Amanda Chandler
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	266	1.017
2	n-Propanol	1524	1.742



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

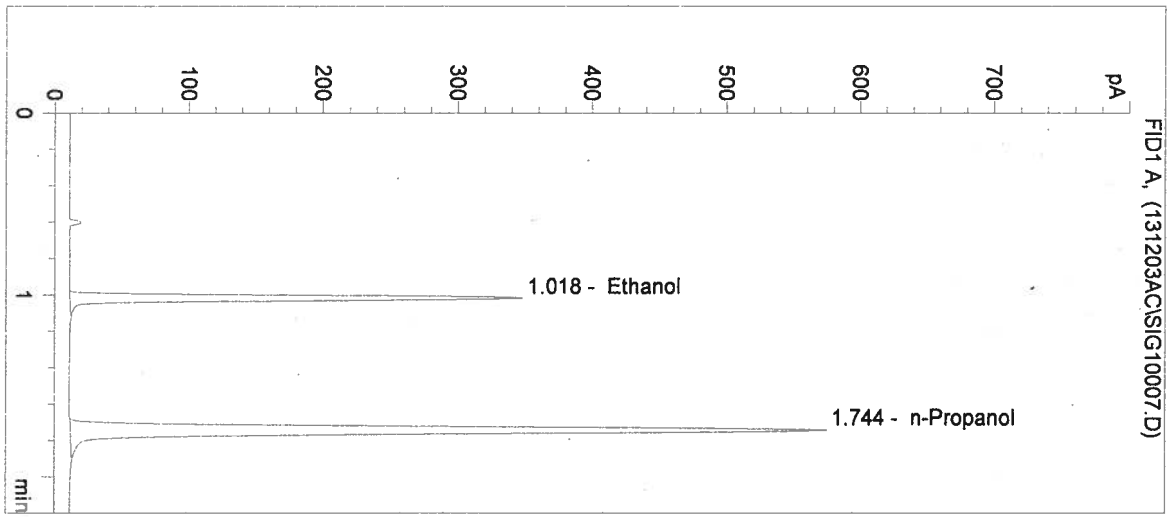
13056

AC

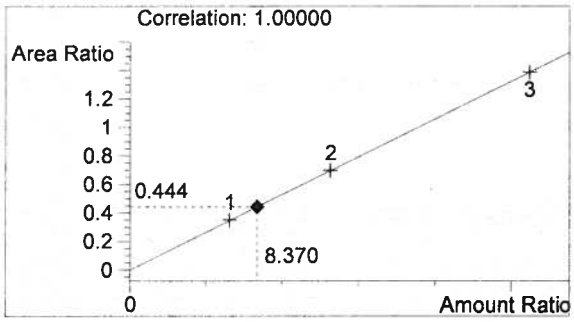
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:53:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

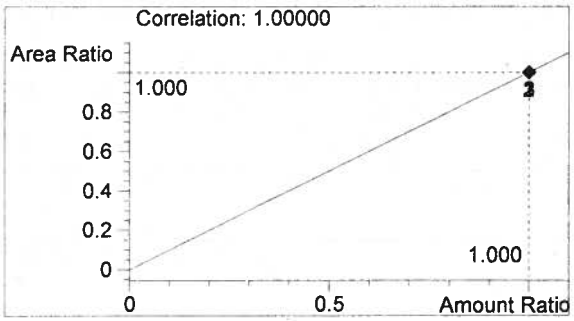
Sample Name: 0.10 CTRL-AC
Operator: Amanda Chandler
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	674	1.018
2	n-Propanol	1519	1.744



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13056

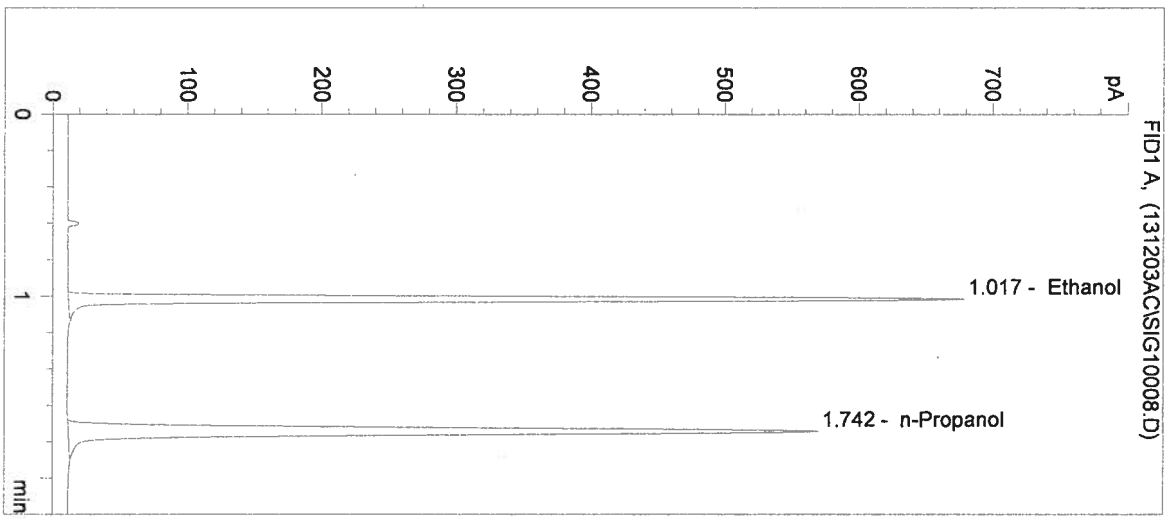
Data File: C:\HPCHEM\2\DATA\131203AC\SIG10007.D

AC

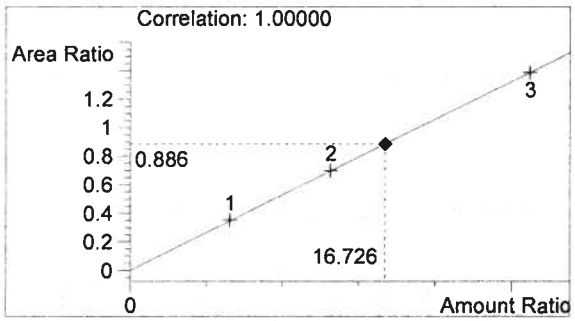
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:56:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

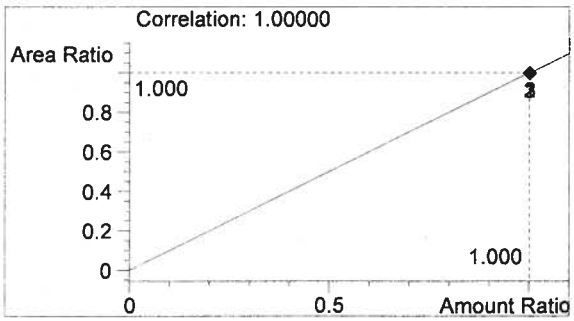
Sample Name: 0.20 CTRL-AC
Operator: Amanda Chandler
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1330	1.017
2	n-Propanol	1502	1.742



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

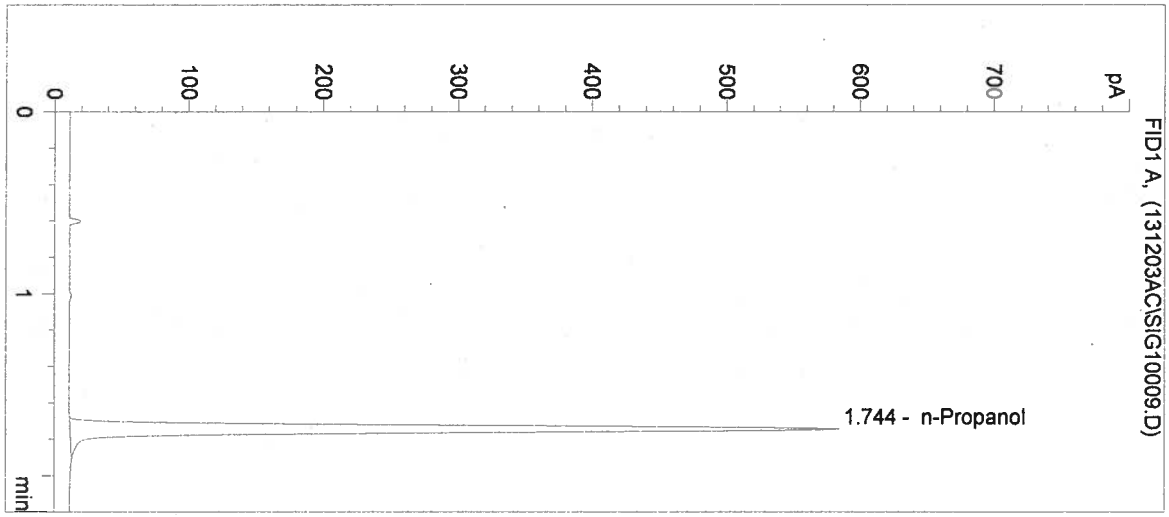
13056

AC

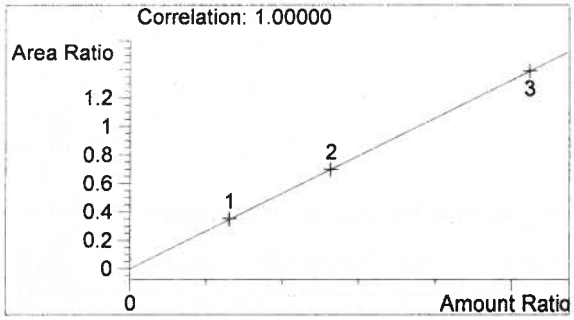
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 9:59:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

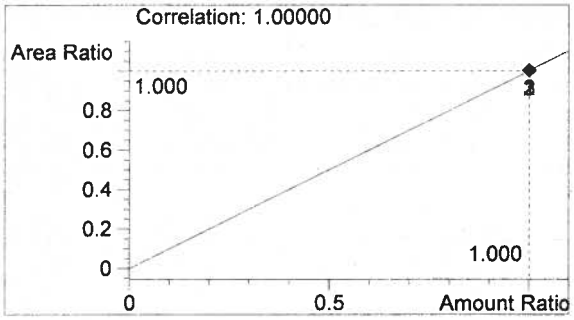
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1545	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

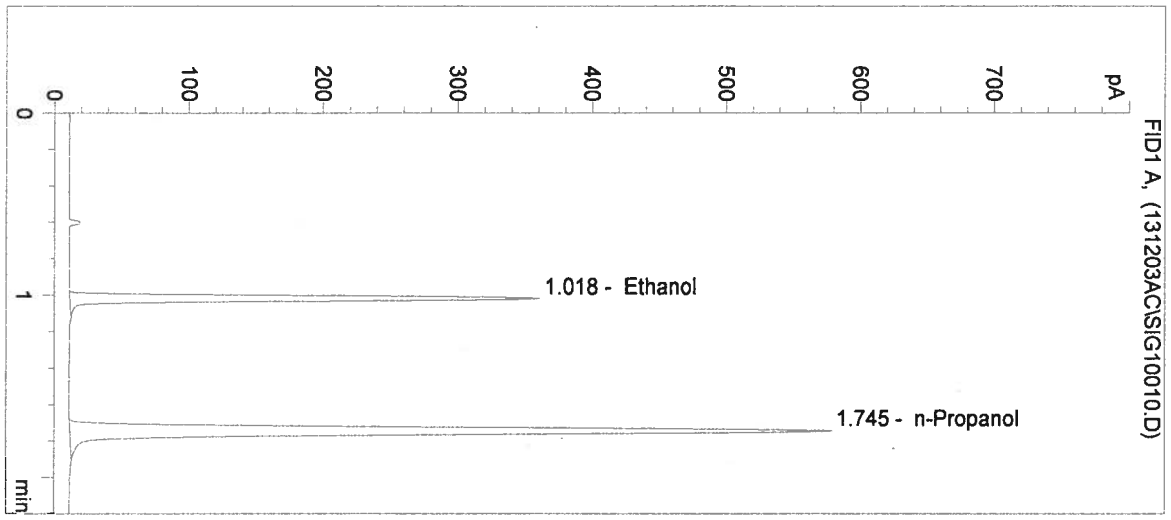
13056

NC

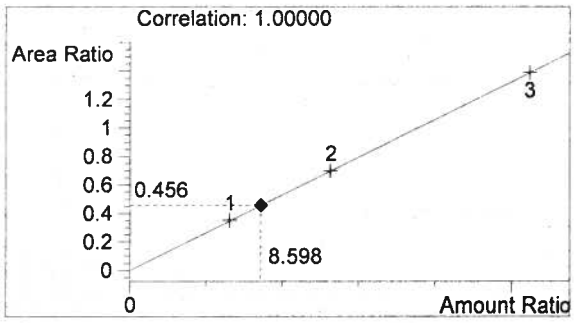
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:03:05 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

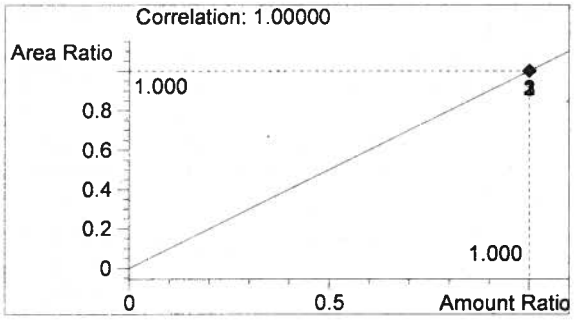
Sample Name: ESS 13056 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.018
2	n-Propanol	1530	1.745



Ethanol 0.103 g/100mL

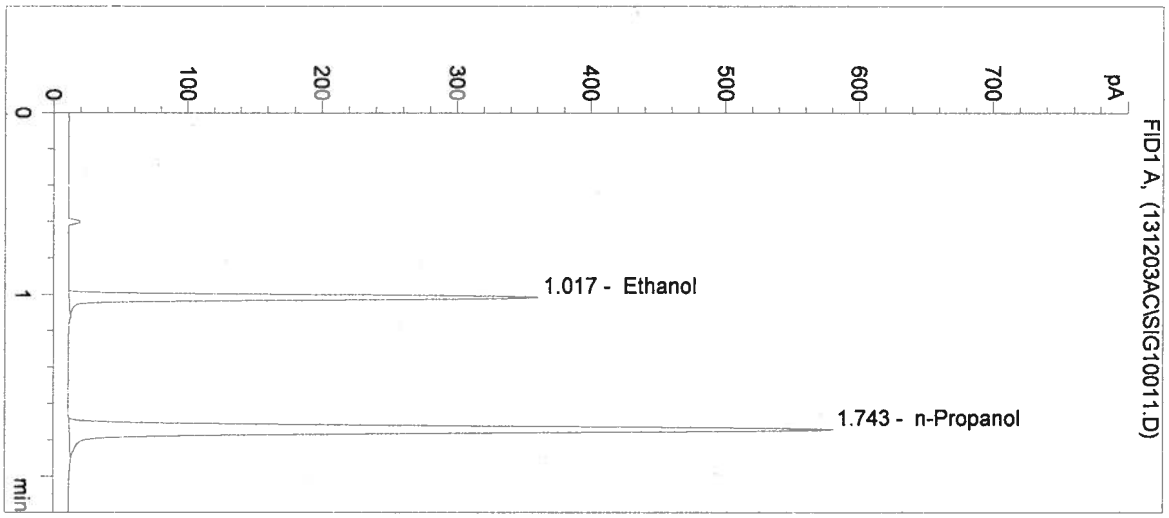


n-Propanol 0.012 g/100mL

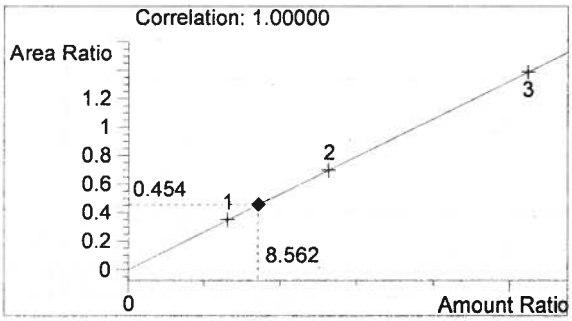
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:06:12 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

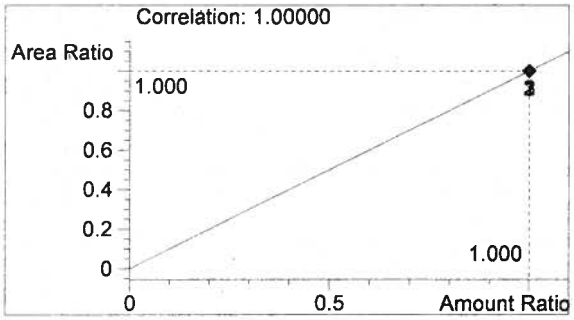
Sample Name: ESS 13056 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	696	1.017
2	n-Propanol	1533	1.743



Ethanol 0.103 g/100mL

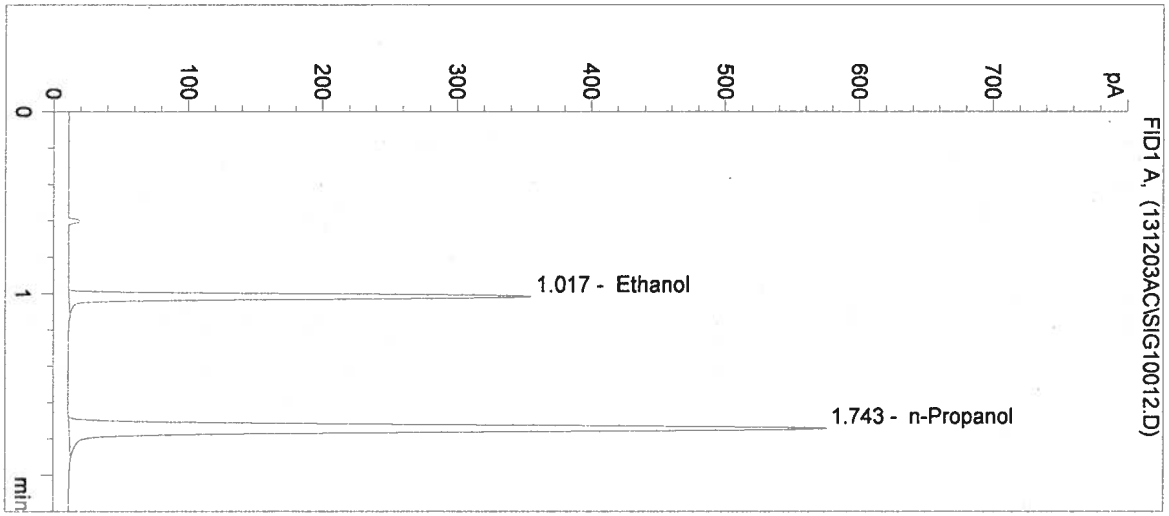


n-Propanol 0.012 g/100mL

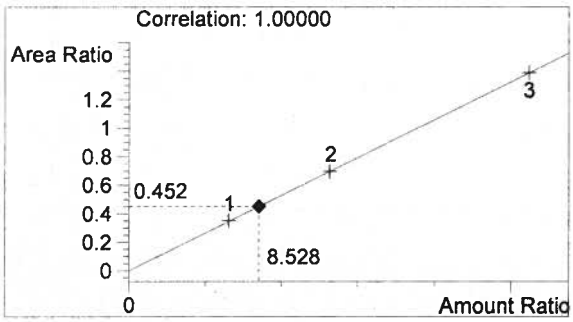
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:09:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

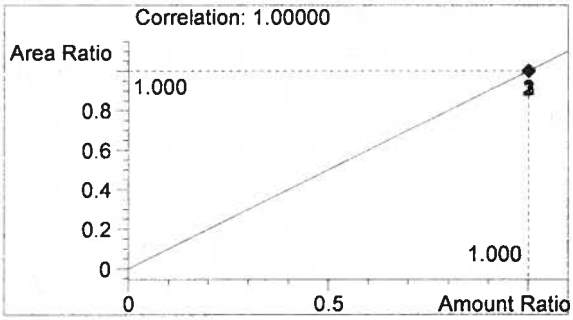
Sample Name: ESS 13056 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.017
2	n-Propanol	1522	1.743



Ethanol 0.102 g/100mL



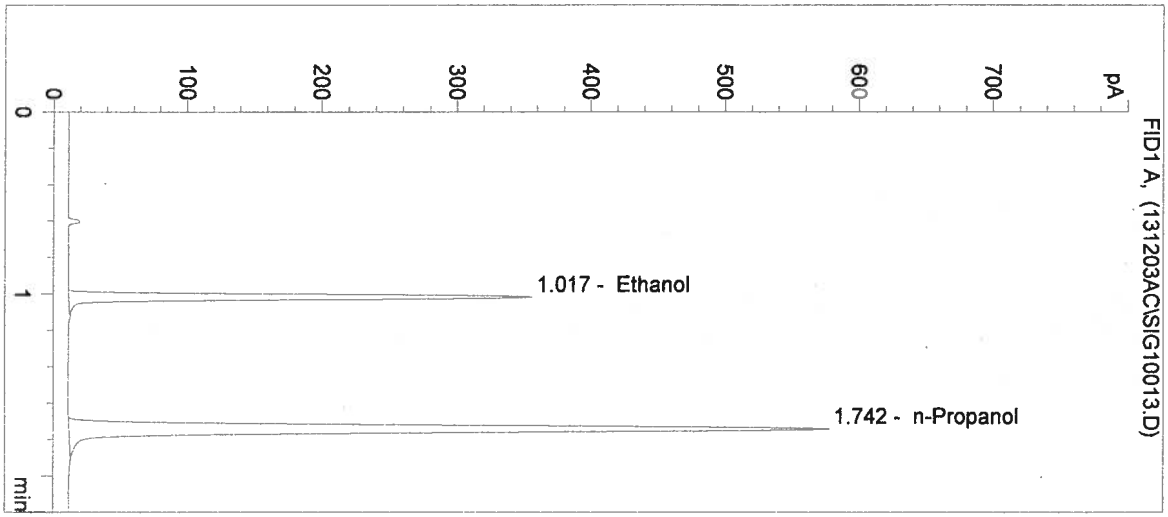
n-Propanol 0.012 g/100mL

AC

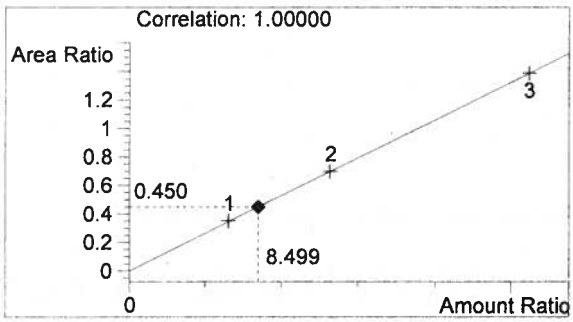
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:12:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

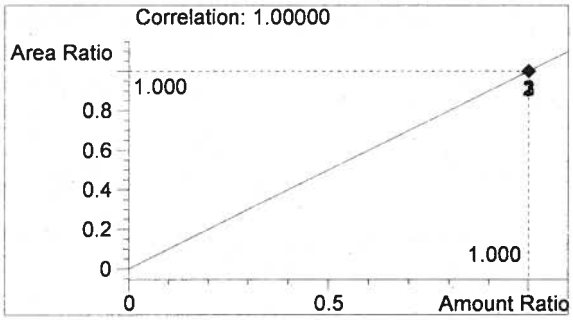
Sample Name: ESS 13056 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	687	1.017
2	n-Propanol	1524	1.742



Ethanol 0.102 g/100mL



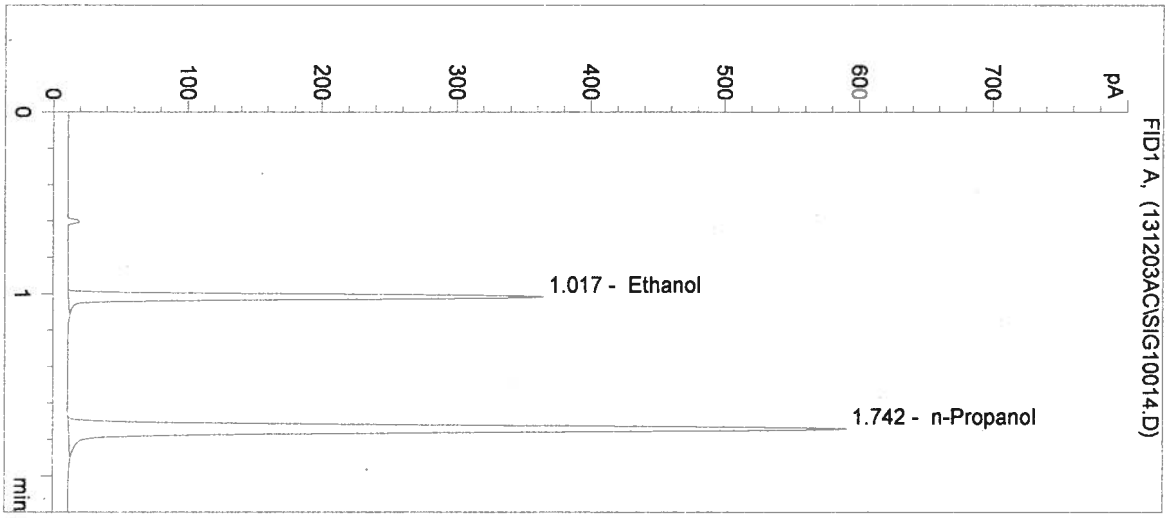
n-Propanol 0.012 g/100mL

DC

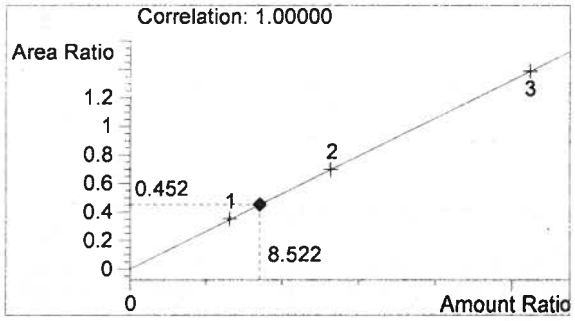
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:15:35 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

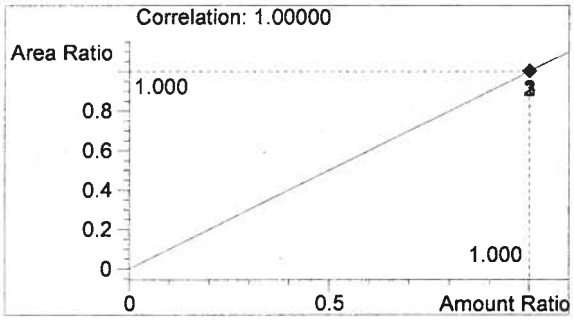
Sample Name: ESS 13056 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.017
2	n-Propanol	1561	1.742



Ethanol 0.102 g/100mL

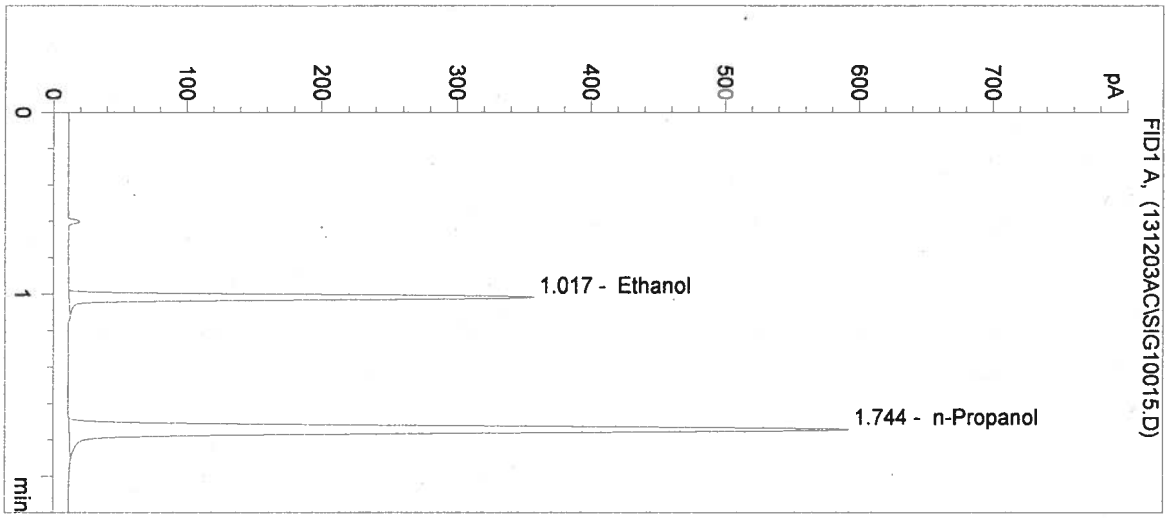


n-Propanol 0.012 g/100mL

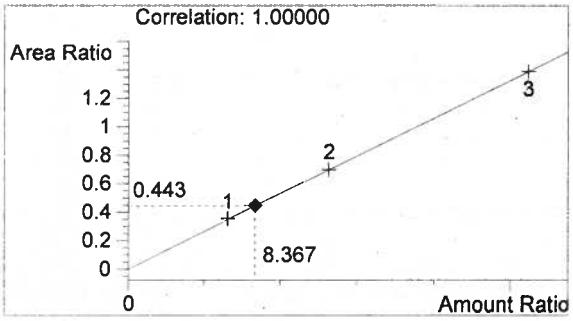
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:18:42 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

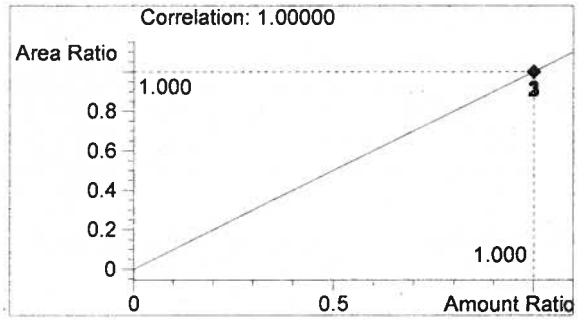
Sample Name: 0.10 CTRL-AC
Operator: Amanda Chandler
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.017
2	n-Propanol	1566	1.744



Ethanol 0.100 g/100mL



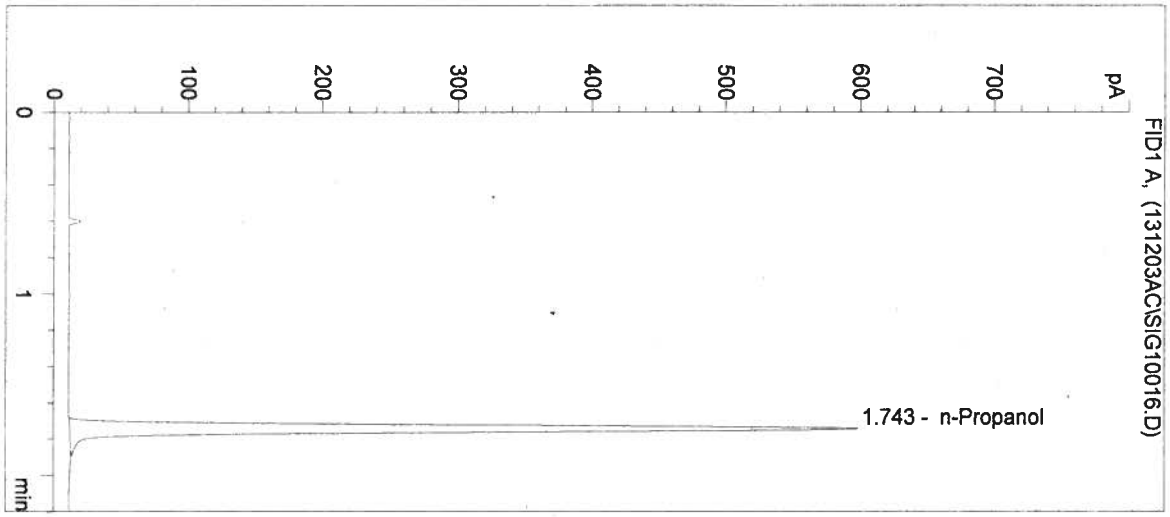
n-Propanol 0.012 g/100mL

13056

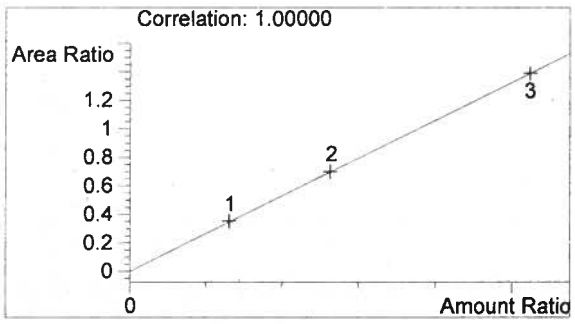
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/3/2013 10:21:50 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

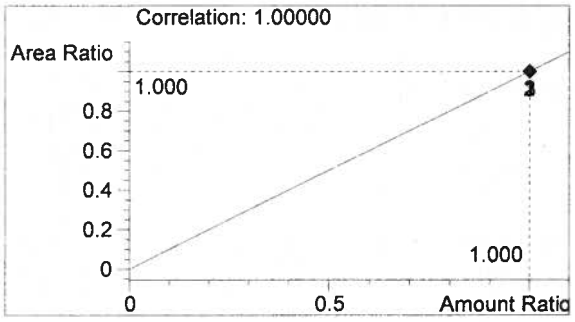
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1576	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13056

AC