



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 13046

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: 0.10 g/210L
DATE PREPARED: 09/18/2013
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Amanda Chandler

	AC	LL	JLK
1	0.127	0.125	0.125
2	0.125	0.126	0.125
3	0.125	0.127	0.126
4	0.126	0.127	0.126
5	0.125	0.126	0.126
C	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: 0.1258 g/100mL PRECISION CV (%): 0.62
STANDARD DEVIATION: 0.00077 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1023 g/210L**
COMBINED STANDARD UNCERTAINTY: ± 0.0011 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianna Peterson
Brianna Peterson Laboratory Manager

10/8/13
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:		DATE TESTED
		SIGNATURE		
AC	Amanda Chandler	<u>Amanda Chandler</u>		09/18/2013
LL	Lyndsey Lowe	<u>Lyndsey Lowe</u>		09/19/2013
JLK	Justin L. Knoy	<u>Justin L. Knoy</u>		09/19/2013

Washington State Patrol - Toxicology Laboratory Division
QAP Test Report Calculation Record

QAP Solution Batch #: 13046

Date Prepared: 9/18/2013

Analyst:	AC	LL	JK
Date Tested:	9/18/2013	9/19/2013	9/19/2013
Instrument:	HS#1	HS#1	HS#1
1	0.127	0.125	0.125
2	0.125	0.126	0.125
3	0.125	0.127	0.126
4	0.126	0.127	0.126
5	0.125	0.126	0.126
C	0.100	0.101	0.100

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000025275	0.0000110374	0.0001016326

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

Average Solution Concentration: 0.1258 g/100mL
Standard Deviation: 0.00077 g/100mL
Precision CV (%): 0.62
Equivalent Vapor Concentration: 0.1023 g/210L
Combined Standard Uncertainty (\pm): 0.0011 g/210L

Calculations performed by: Brianna Peterson Brianna Peterson 9/30/13
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 10-8-2013 Method: Hand calculation
Name Signature Date


Tech. review performed by: Brianna Peterson Brianna Peterson 10/1/13
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 10-8-2013
Location: WSP-FLSB Seattle, WA Solution Batch Number: 13046

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

Comments:

Reviewer Signature:  Date: 10-8-2013
Reviewer Signature: N/A as 10-8-13 Date: _____

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	9/30/13
Andrew Gingras		
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Justin Knoy	JK	9.30.13
Katie Knorr	OK	
Lyndsey Lowe	LL	10/1/13
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 13046

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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 13046**

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 qap solution, Lot Number 13046, was prepared in the Washington State Toxicology Laboratory on 9/18/2013. 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 shall not be used to perform a quality assurance procedure after 9/18/2014.

Seattle, WA

Amanda Chandler 9/30/13

Amanda Chandler
Forensic Toxicologist

Date



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 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 13046**

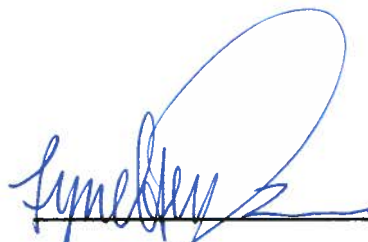
I, Lyndsey Lowe, do certify under penalty of perjury that:

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 gap solution, Lot Number 13046, was prepared in the Washington State Toxicology Laboratory on 9/18/2013. 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 shall not be used to perform a quality assurance procedure after 9/18/2014.

Seattle, WA


Lyndsey Lowe
Forensic Toxicologist

10/1/13
Date

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

Preparation Date: 9/18/13 Initials of Preparer: AC

Expiration Date: 9/18/14

Lot # of 200-proof Ethanol used in preparation: 2CB 070

Date the 200-proof Ethanol bottle was opened: 9/11/13

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	<input checked="" type="checkbox"/>	<u>13044</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>13045</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>13046</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>13047</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

9/18/13
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:

Amanda Chaudhry
Analyst Signature

9/18/13
Date

Sequence Parameters:

Operator: Amanda Chandler
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 130918AC
 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 #A096181 - Exp. 10/2017
 0.10 Control - Lot #A095230 - Exp. 09/2017
 0.20 Control - Lot #A093219 - Exp. 05/2017

 ISTD Lot#P0913 - Exp. 12/10/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC1	1	Sample		
2	Vial 2	0.079 Cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 Cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 Cal 3	SIMALC1	1	Calib		
5	Vial 5	Negative-AC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Control-AC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Control-AC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Control-AC	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative-AC	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP 0.04 13044 1	SIMALC1	1	Sample		
11	Vial 11	QAP 0.04 13044 2	SIMALC1	1	Sample		
12	Vial 12	QAP 0.04 13044 3	SIMALC1	1	Sample		
13	Vial 13	QAP 0.04 13044 4	SIMALC1	1	Sample		
14	Vial 14	QAP 0.04 13044 5	SIMALC1	1	Sample		
15	Vial 15	0.10 Control AC	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative-AC	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP 0.08 13045 1	SIMALC1	1	Sample		
18	Vial 18	QAP 0.08 13045 2	SIMALC1	1	Sample		
19	Vial 19	QAP 0.08 13045 3	SIMALC1	1	Sample		
20	Vial 20	QAP 0.08 13045 4	SIMALC1	1	Sample		
21	Vial 21	QAP 0.08 13045 5	SIMALC1	1	Sample		
22	Vial 22	0.10 Control-AC	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative-AC	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP 0.10 13046 1	SIMALC1	1	Sample		
25	Vial 25	QAP 0.10 13046 2	SIMALC1	1	Sample		
26	Vial 26	QAP 0.10 13046 3	SIMALC1	1	Sample		

AC

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
====	=====	=====	=====	===	=====	=====	=====
27	Vial 27	QAP 0.10 13046 4	SIMALC1	1	Sample		
28	Vial 28	QAP 0.10 13046 5	SIMALC1	1	Sample		
29	Vial 29	0.10 Control-AC	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative-AC	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP 0.15 13047 1	SIMALC1	1	Sample		
32	Vial 32	QAP 0.15 13047 2	SIMALC1	1	Sample		
33	Vial 33	QAP 0.15 13047 3	SIMALC1	1	Sample		
34	Vial 34	QAP 0.15 13047 4	SIMALC1	1	Sample		
35	Vial 35	QAP 0.15 13047 5	SIMALC1	1	Sample		
36	Vial 36	0.10 Control-AC	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative-AC	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

13046

130918AC
ac

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

Inj. Date: 9/18/2013 12:13:13 PM

Sample Name: QAP 0.10 13046 1

Instrument: HSGC#1

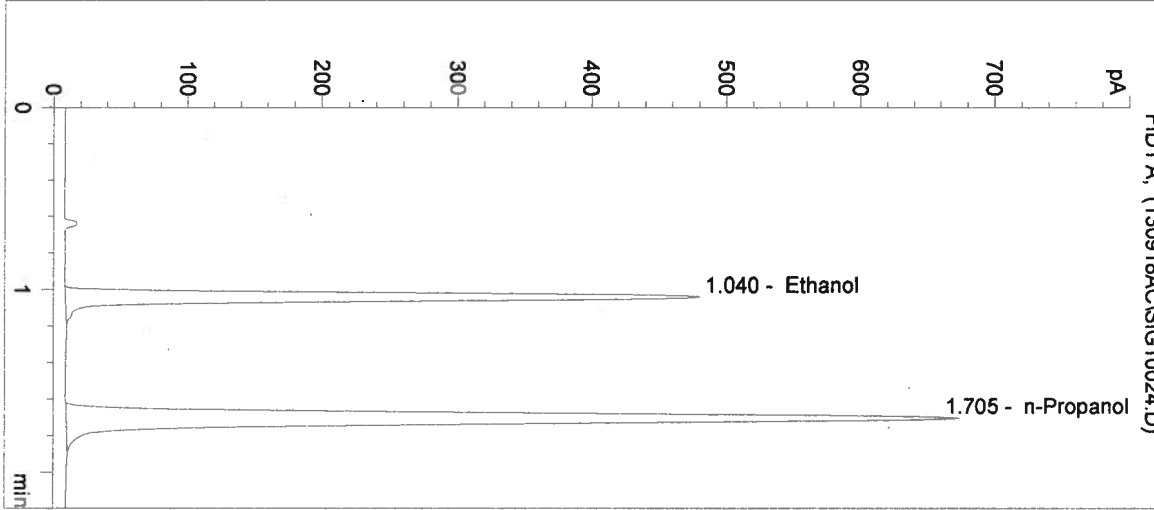
Operator: Amanda Chandler

Column: DB-ALC1

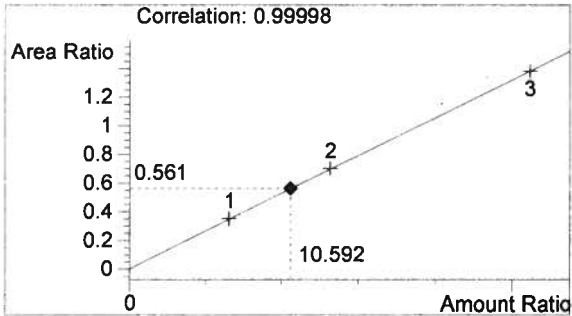
Location: Vial 24

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

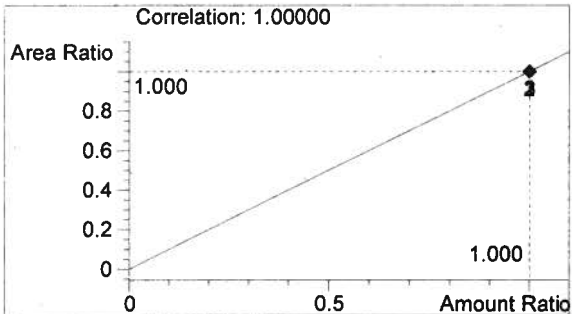
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1472	1.040
2	n-Propanol	2625	1.705



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

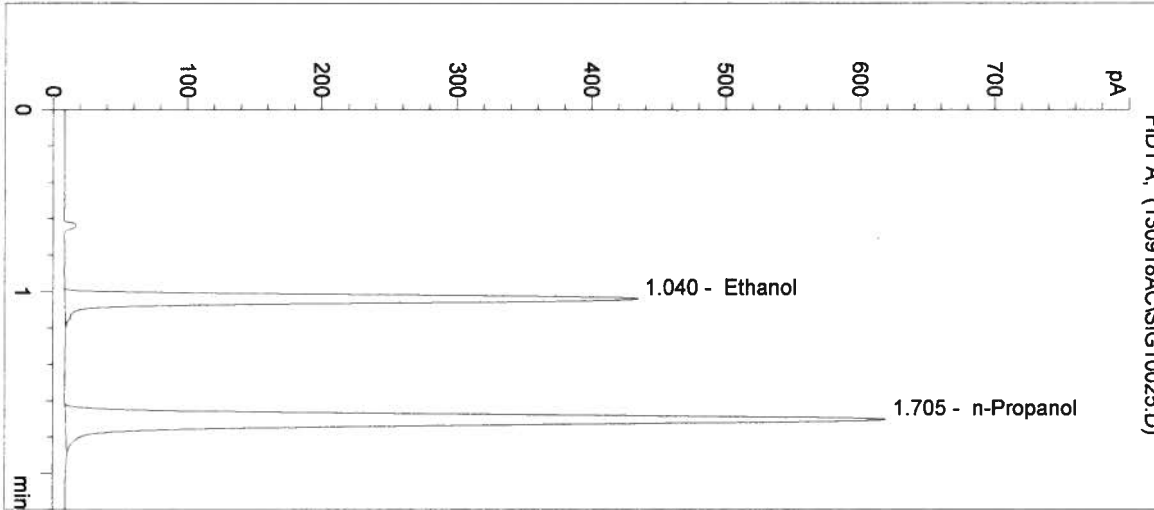
Handwritten mark

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

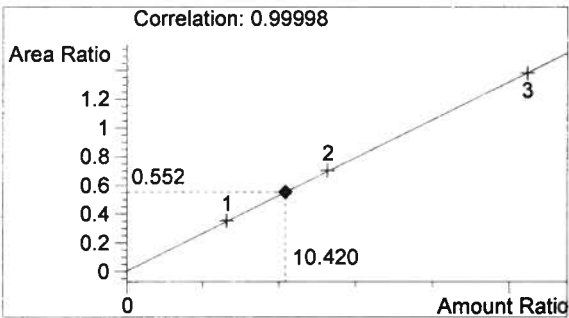
Inj. Date: 9/18/2013 12:16:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 0.10 13046 2
Operator: Amanda Chandler
Location: Vial 25

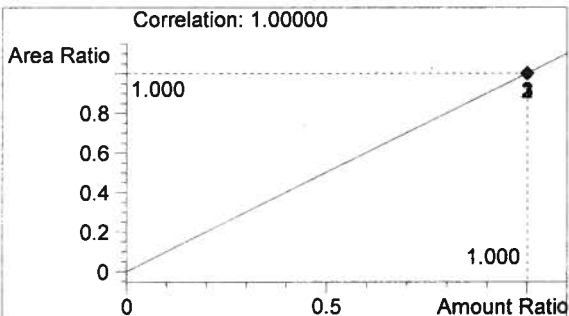
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1332	1.040
2	n-Propanol	2414	1.705



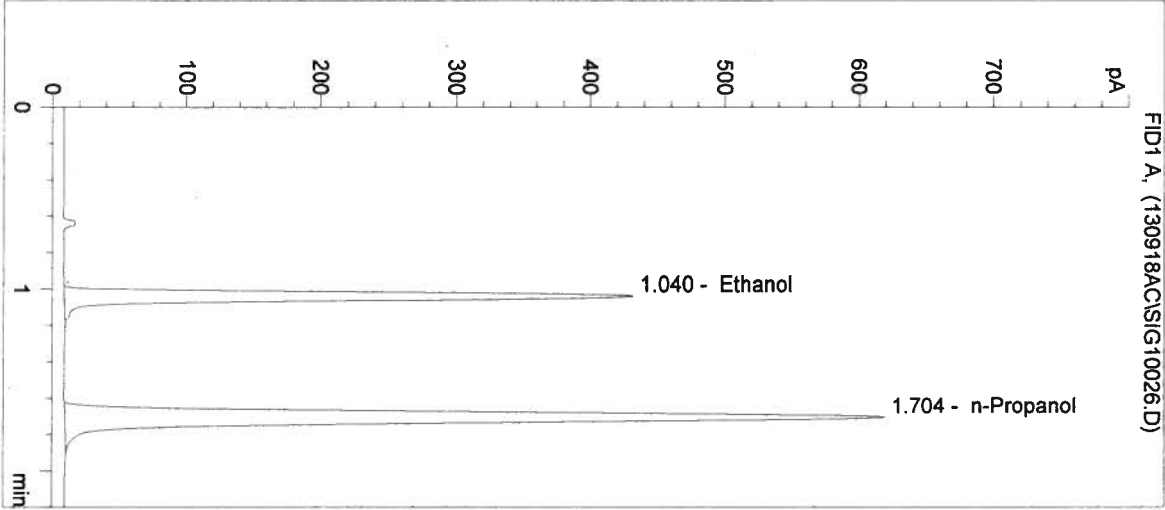
Ethanol 0.125 g/100mL



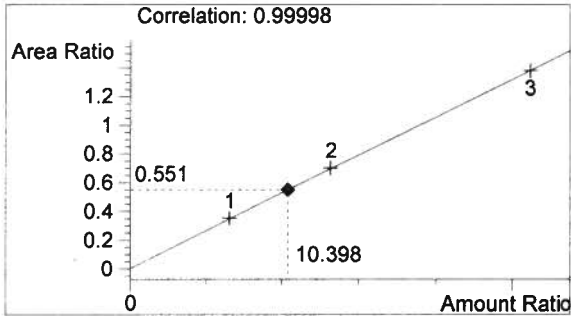
n-Propanol 0.012 g/100mL

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

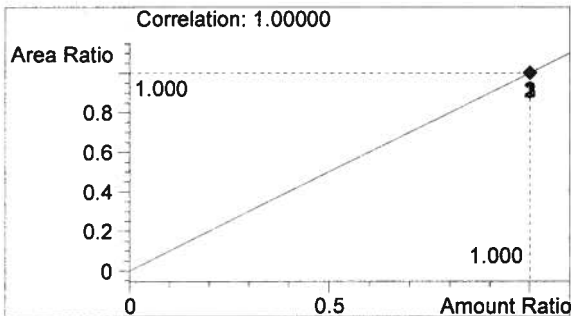
Inj. Date: 9/18/2013 12:19:22 PM Sample Name: QAP 0.10 13046 3
Instrument: HSGC#1 Operator: Amanda Chandler
Column: DB-ALC1 Location: Vial 26
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1330	1.040
2	n-Propanol	2416	1.704



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

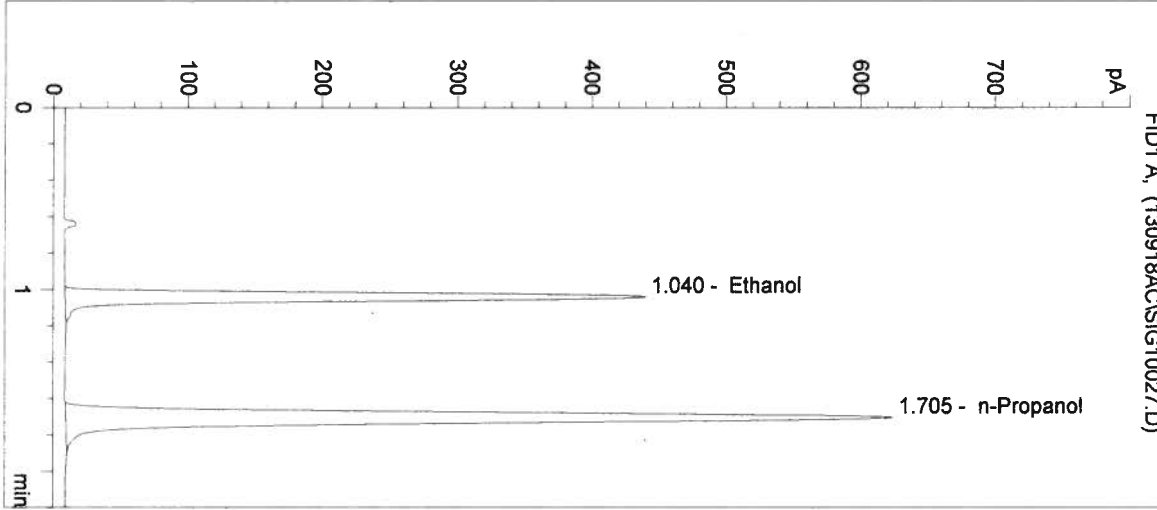
ac

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

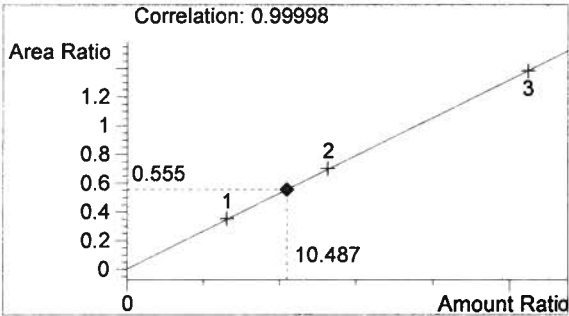
Inj. Date: 9/18/2013 12:22:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 0.10 13046 4
Operator: Amanda Chandler
Location: Vial 27

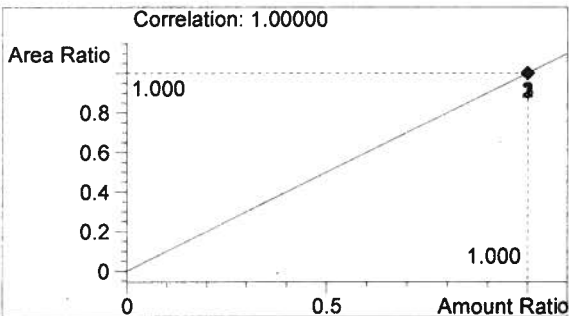
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.040
2	n-Propanol	2424	1.705



Ethanol 0.126 g/100mL



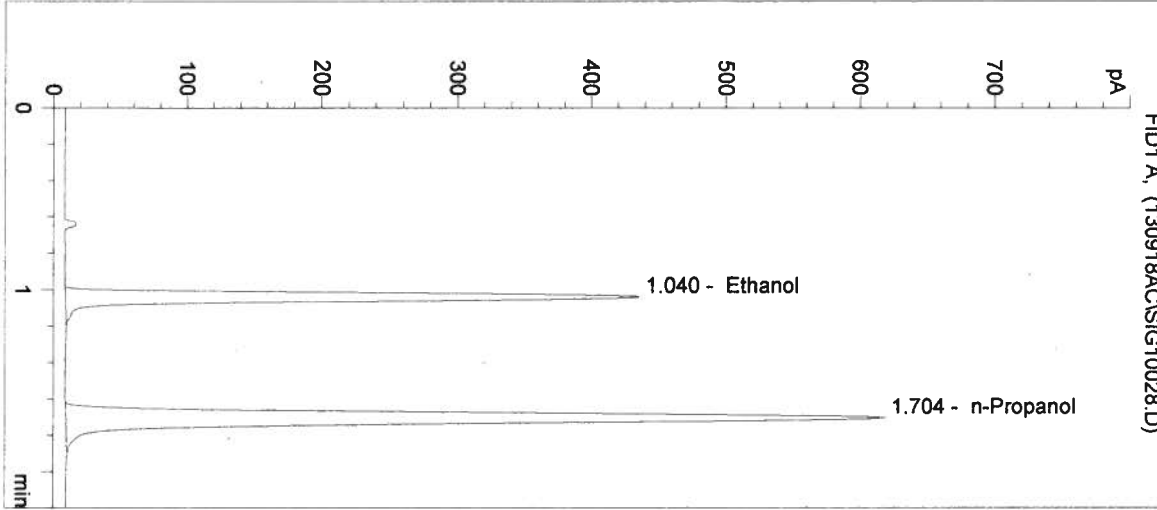
n-Propanol 0.012 g/100mL

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

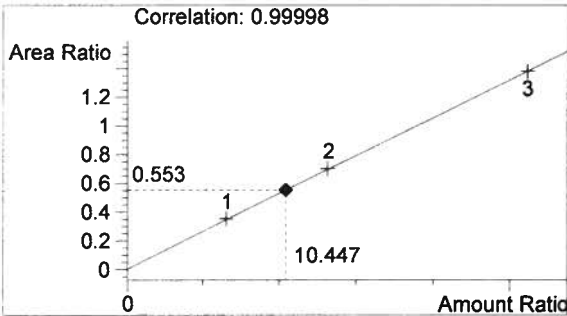
Inj. Date: 9/18/2013 12:25:31 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 0.10 13046 5
 Operator: Amanda Chandler
 Location: Vial 28

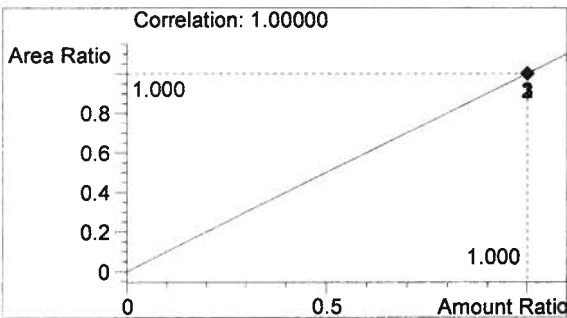
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1334	1.040
2	n-Propanol	2411	1.704



Ethanol 0.125 g/100mL



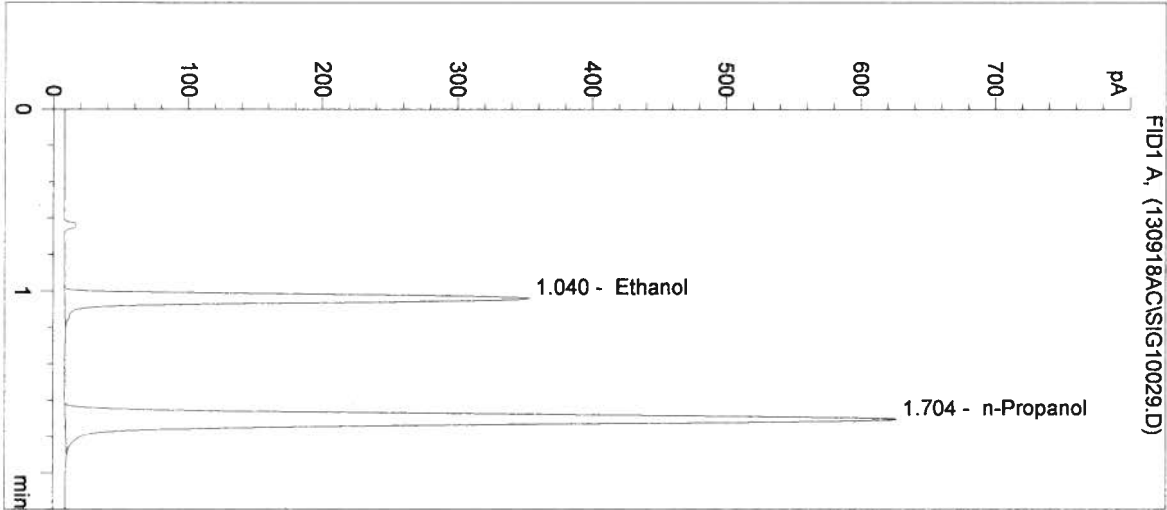
n-Propanol 0.012 g/100mL

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

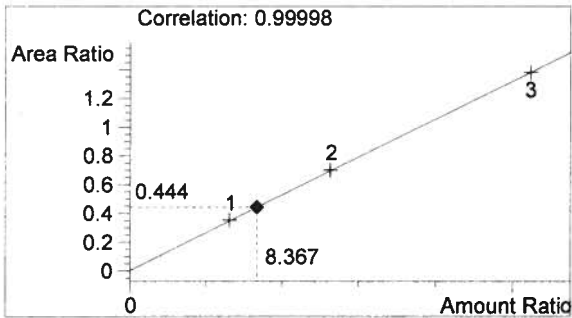
Inj. Date: 9/18/2013 12:28:36 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 0.10 Control-AC
 Operator: Amanda Chandler
 Location: Vial 29

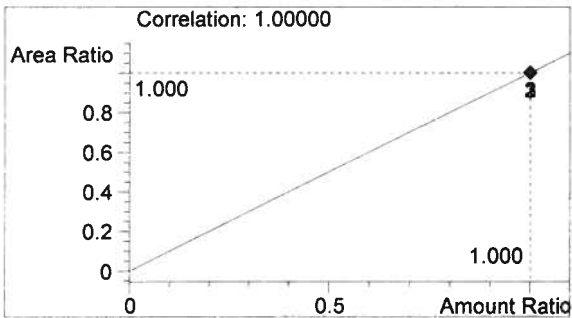
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1083	1.040
2	n-Propanol	2441	1.704



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13046

AC

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

Inj. Date: 9/18/2013 12:31:37 PM

Sample Name: Negative-AC

Instrument: HSGC#1

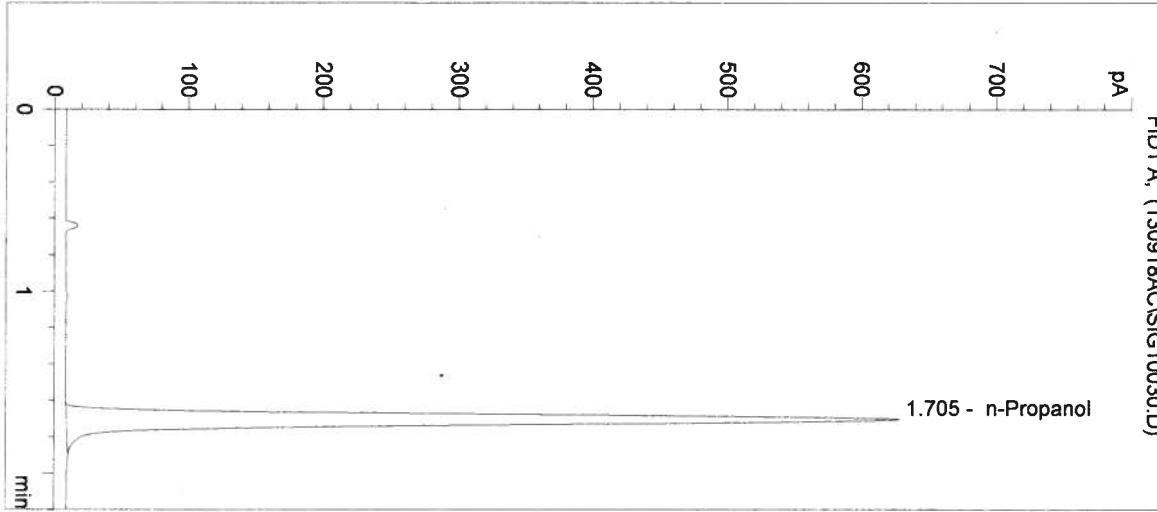
Operator: Amanda Chandler

Column: DB-ALC1

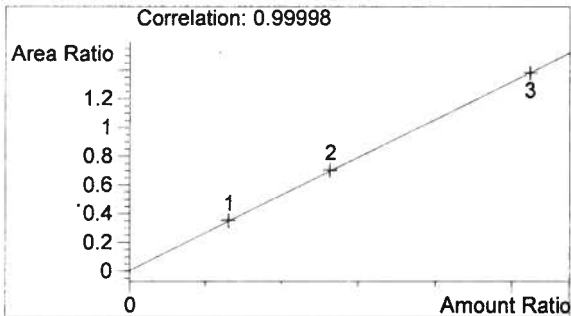
Location: Vial 30

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

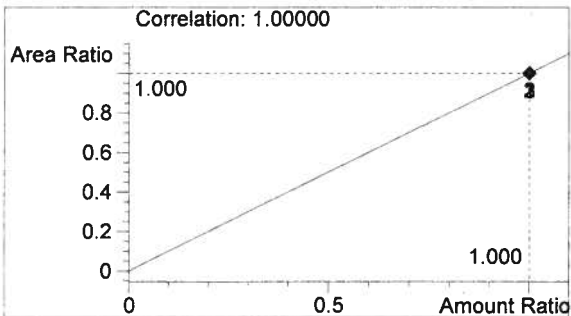
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13046

AC

Sequence Parameters:

Operator: Lyndsey Lowe
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 130919LL
 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. 01/24/14
 Ethanol Calibrator 2, E0713-02 - Exp. 01/24/14
 Ethanol Calibrator 3, E0713-03 - Exp. 01/24/14

 0.04 Control - Lot #A096181 - Exp. 10/2017
 0.10 Control - Lot #A095230 - Exp. 09/2017
 0.20 Control - Lot #A093219 - Exp. 05/2017

 ISTD Lot#P0913 - Exp. 12/10/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
====	=====	=====	=====	====	=====	=====	=====
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	13044 0.04 #1	SIMALC1	1	Sample		
11	Vial 11	13044 0.04 #2	SIMALC1	1	Sample		
12	Vial 12	13044 0.04 #3	SIMALC1	1	Sample		
13	Vial 13	13044 0.04 #4	SIMALC1	1	Sample		
14	Vial 14	13044 0.04 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		
17	Vial 17	13045 0.08 #1	SIMALC1	1	Sample		
18	Vial 18	13045 0.08 #2	SIMALC1	1	Sample		
19	Vial 19	13045 0.08 #3	SIMALC1	1	Sample		
20	Vial 20	13045 0.08 #4	SIMALC1	1	Sample		
21	Vial 21	13045 0.08 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative	SIMALC1	1	Ctrl Samp		
24	Vial 24	13046 0.10 #1	SIMALC1	1	Sample		
25	Vial 25	13046 0.10 #2	SIMALC1	1	Sample		
26	Vial 26	13046 0.10 #3	SIMALC1	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	13046 0.10 #4	SIMALC1	1	Sample		
28	Vial 28	13046 0.10 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative	SIMALC1	1	Ctrl Samp		
31	Vial 31	13047 0.15 #1	SIMALC1	1	Sample		
32	Vial 32	13047 0.15 #2	SIMALC1	1	Sample		
33	Vial 33	13047 0.15 #3	SIMALC1	1	Sample		
34	Vial 34	13047 0.15 #4	SIMALC1	1	Sample		
35	Vial 35	13047 0.15 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

13046

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

Inj. Date: 9/19/2013 10:58:38 AM

Sample Name: 13046 0.10 #1

Instrument: HSGC#1

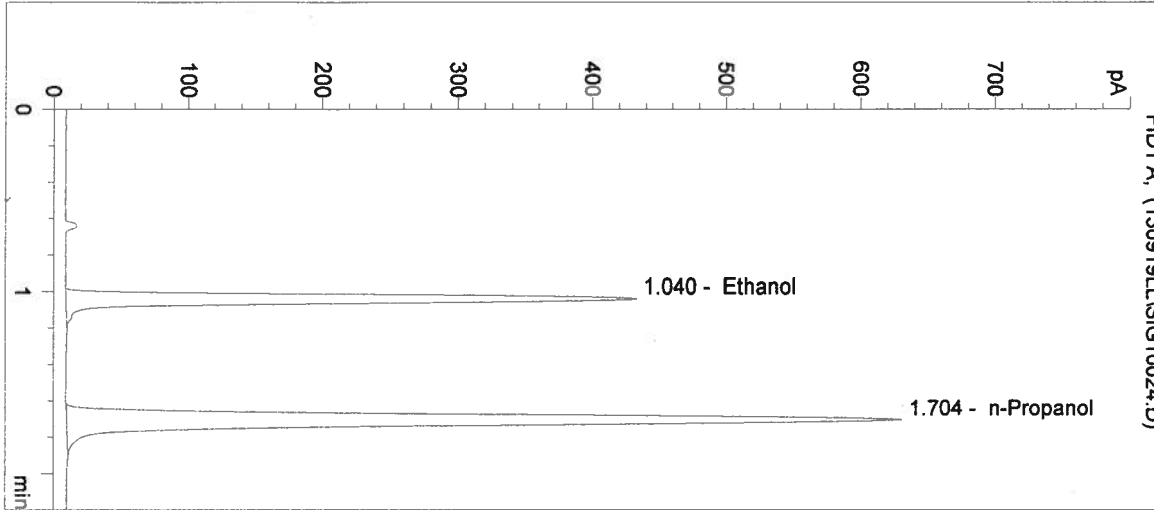
Operator: Lyndsey Lowe

Column: DB-ALC1

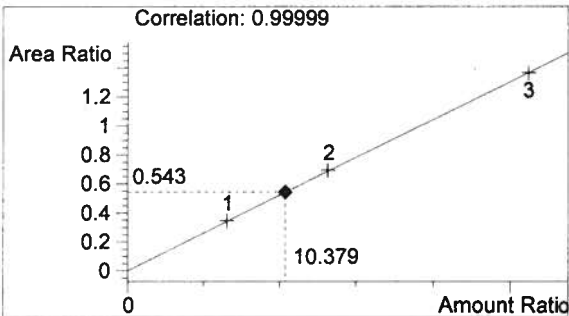
Location: Vial 24

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

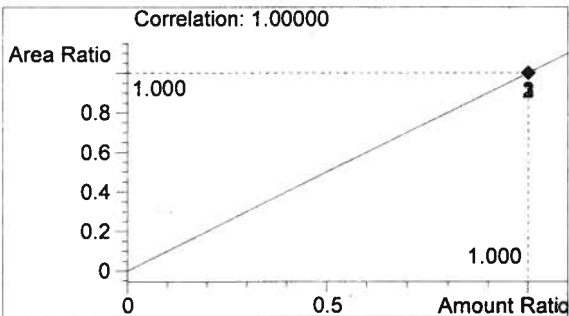
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.040
2	n-Propanol	2463	1.704



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

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

Inj. Date: 9/19/2013 11:01:42 AM

Sample Name: 13046 0.10 #2

Instrument: HSGC#1

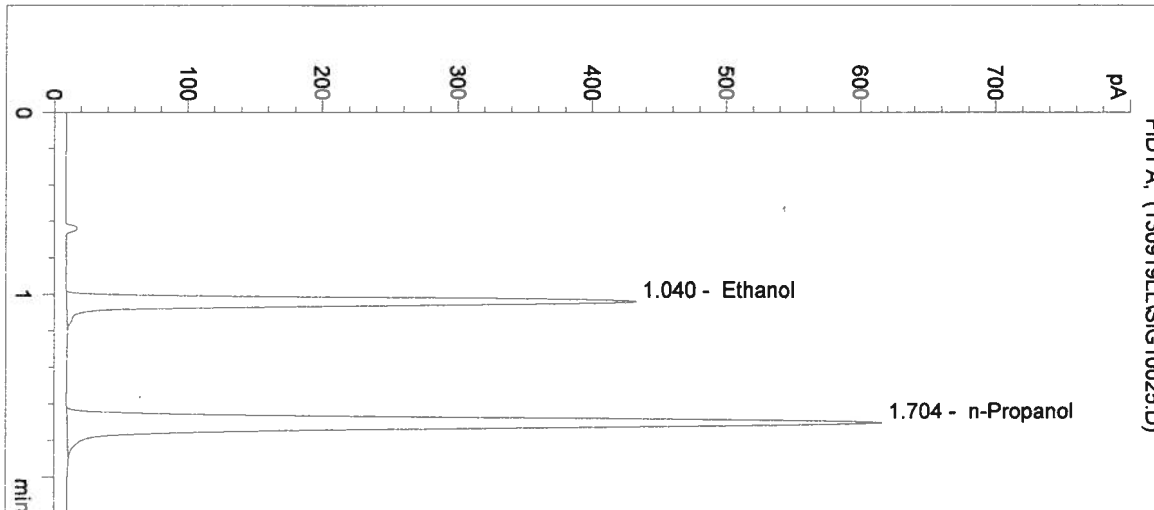
Operator: Lyndsey Lowe

Column: DB-ALC1

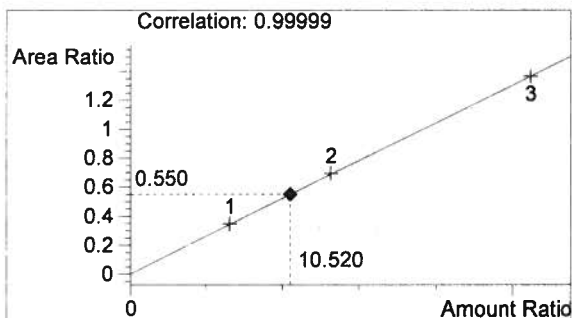
Location: Vial 25

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

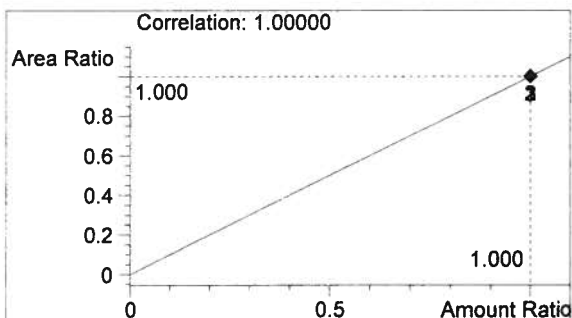
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1310	1.040
2	n-Propanol	2382	1.704



Ethanol 0.126 g/100mL



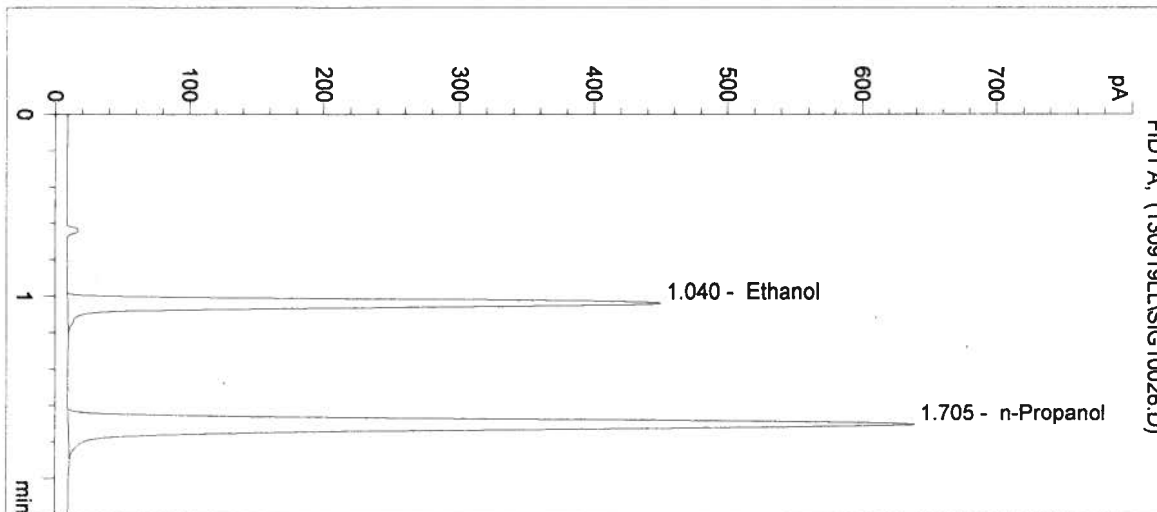
n-Propanol 0.012 g/100mL

W

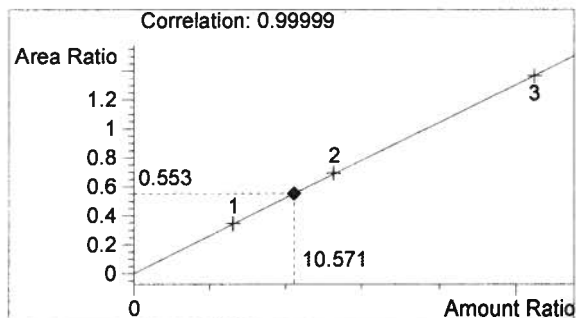
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/19/2013 11:04:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

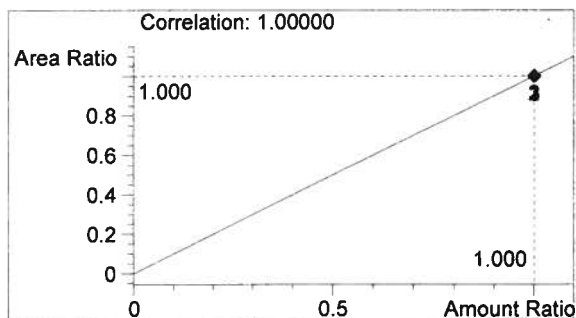
Sample Name: 13046 0.10 #3
Operator: Lyndsey Lowe
Location: Vial 26



#	Compound	Peak Area	RT (min)
1	Ethanol	1370	1.040
2	n-Propanol	2479	1.705



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

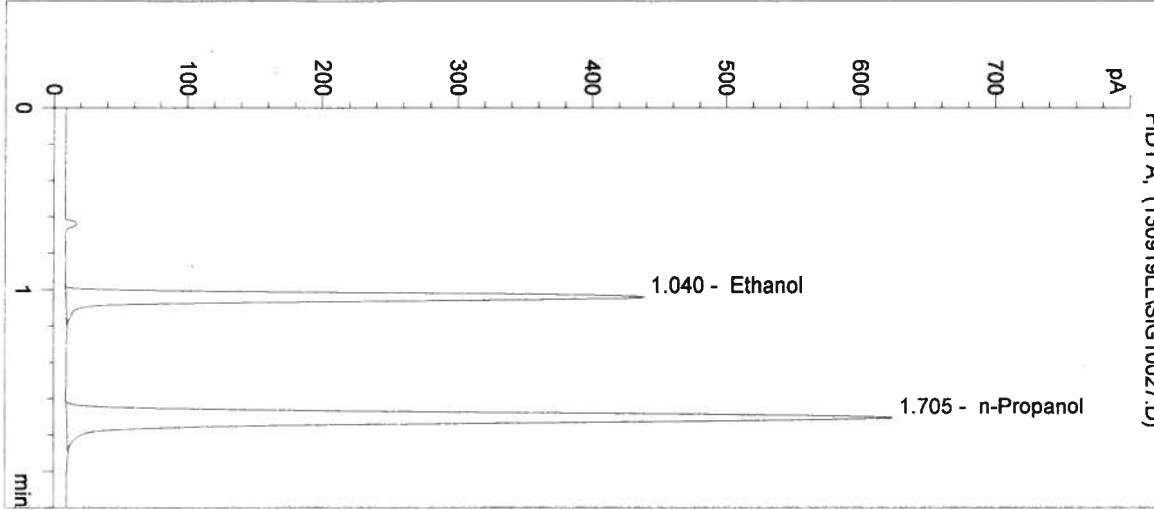
Handwritten signature

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

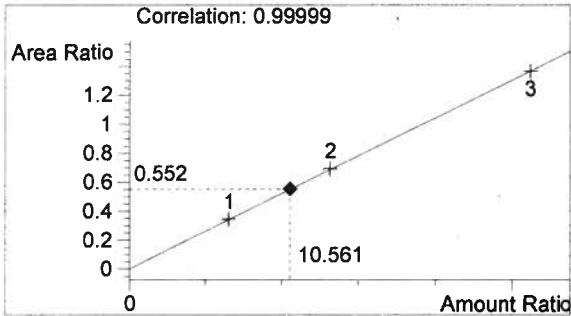
Inj. Date: 9/19/2013 11:07:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 13046 0.10 #4
Operator: Lyndsey Lowe
Location: Vial 27

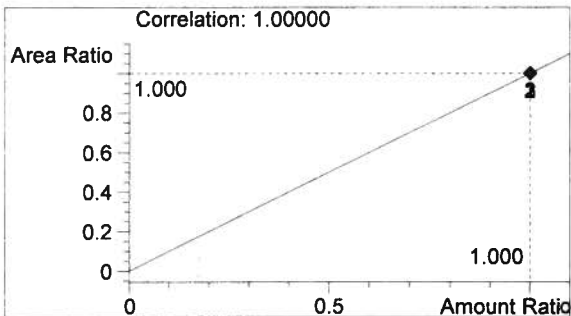
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1334	1.040
2	n-Propanol	2416	1.705



Ethanol 0.127 g/100mL



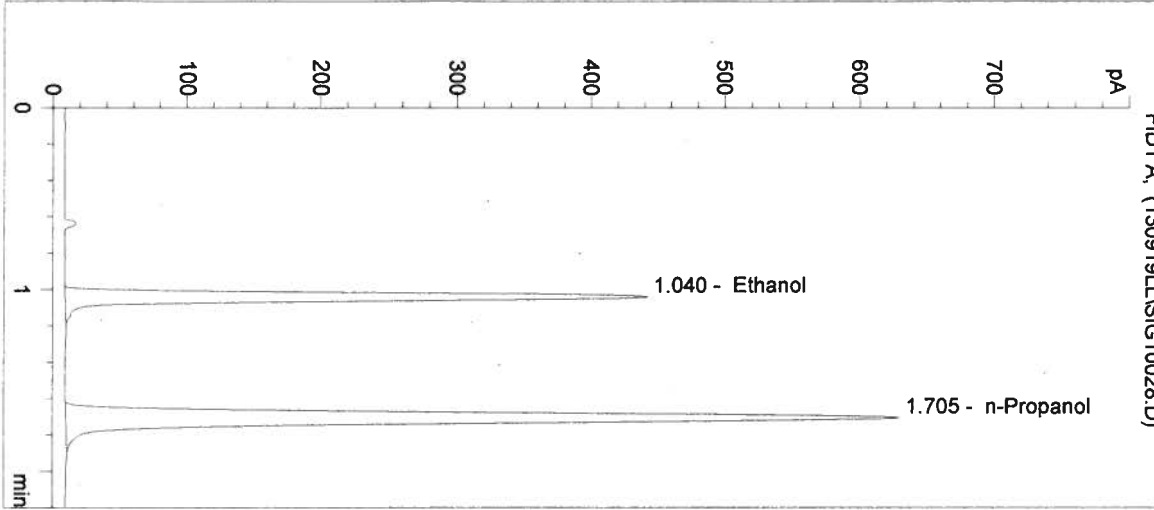
n-Propanol 0.012 g/100mL

u

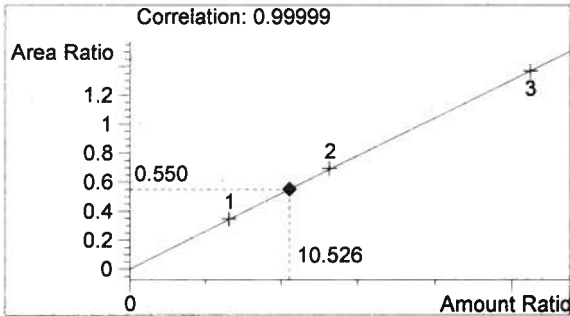
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/19/2013 11:10:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

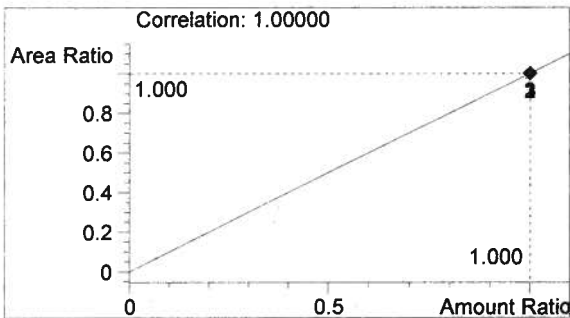
Sample Name: 13046 0.10 #5
Operator: Lyndsey Lowe
Location: Vial 28



#	Compound	Peak Area	RT (min)
1	Ethanol	1343	1.040
2	n-Propanol	2441	1.705



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

u

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

Inj. Date: 9/19/2013 11:14:01 AM

Sample Name: 0.10 Ctrl

Instrument: HSGC#1

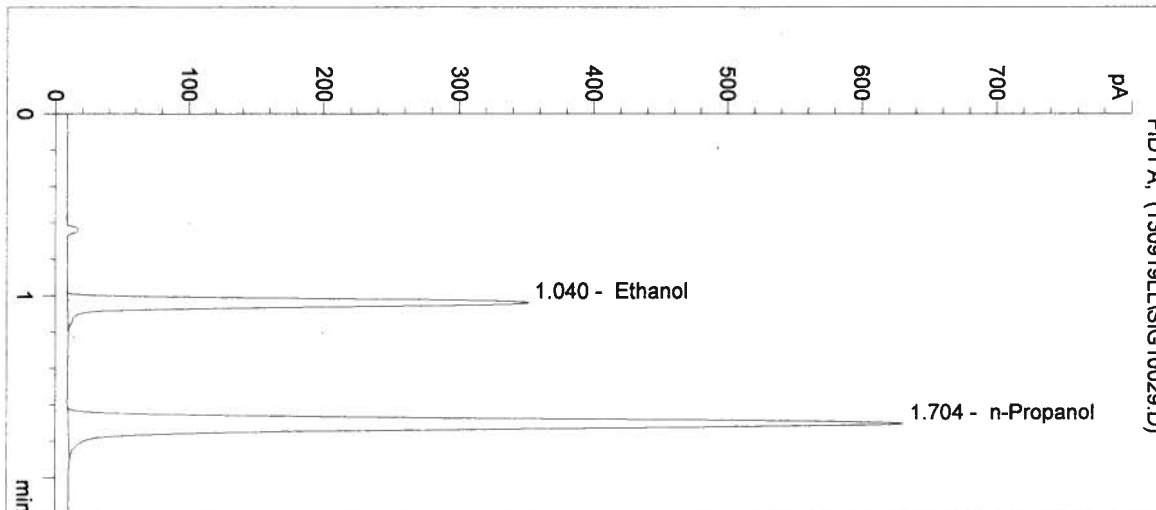
Operator: Lyndsey Lowe

Column: DB-ALC1

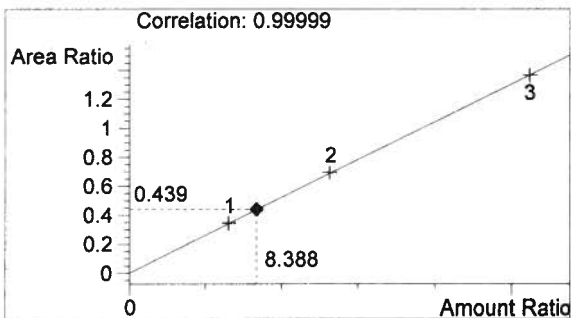
Location: Vial 29

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

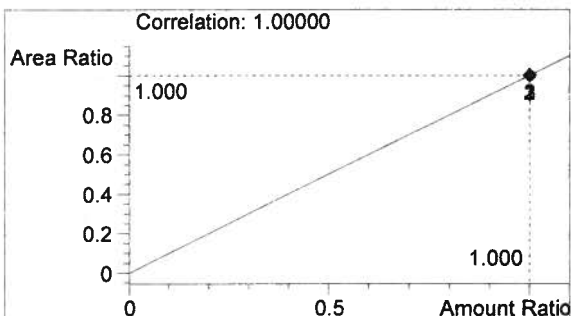
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.040
2	n-Propanol	2463	1.704



Ethanol 0.101 g/100mL

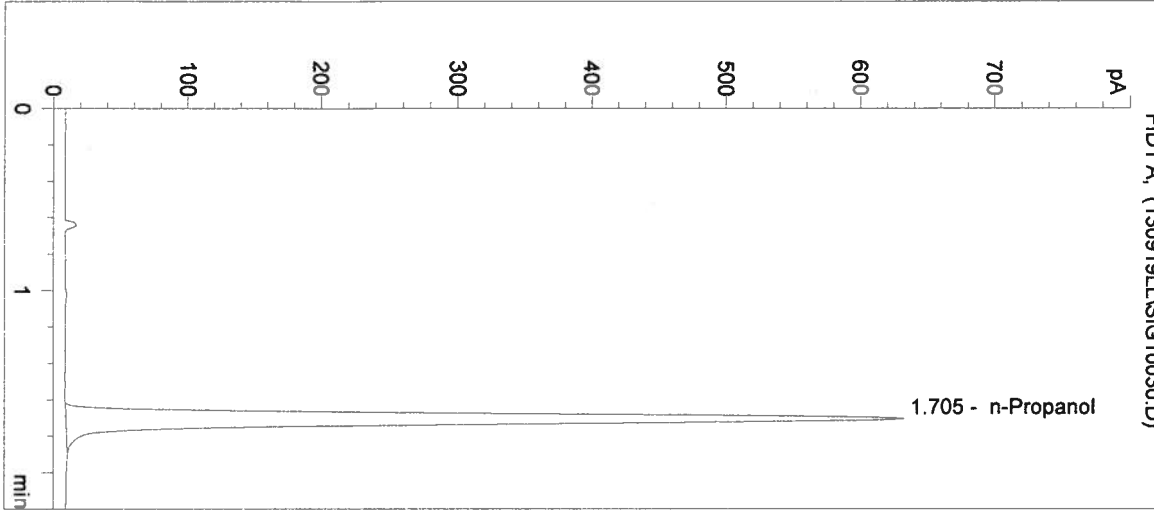


n-Propanol 0.012 g/100mL

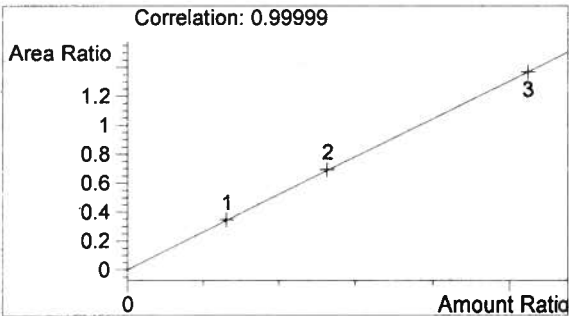
ll 13046

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

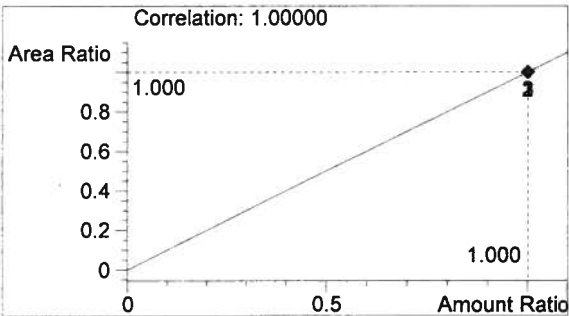
Inj. Date: 9/19/2013 11:17:06 AM Sample Name: Negative
Instrument: HSGC#1 Operator: Lyndsey Lowe
Column: DB-ALC1 Location: Vial 30
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2454	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten mark 13046

Sequence Parameters:

Operator: Justin Knoy
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 130919JK
 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 # A096181 - Exp. 10/2017
 CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017
 CTRL3 (0.20g/100mL), Lot # A093219 - Exp. 05/2017
 Internal Standard Lot#P0913 - Exp. 12/10/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	13044-1	SIMALC1	1	Sample		
11	Vial 11	13044-2	SIMALC1	1	Sample		
12	Vial 12	13044-3	SIMALC1	1	Sample		
13	Vial 13	13044-4	SIMALC1	1	Sample		
14	Vial 14	13044-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
17	Vial 17	13045-1	SIMALC1	1	Sample		
18	Vial 18	13045-2	SIMALC1	1	Sample		
19	Vial 19	13045-3	SIMALC1	1	Sample		
20	Vial 20	13045-4	SIMALC1	1	Sample		
21	Vial 21	13045-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
24	Vial 24	13046-1	SIMALC1	1	Sample		
25	Vial 25	13046-2	SIMALC1	1	Sample		
26	Vial 26	13046-3	SIMALC1	1	Sample		
27	Vial 27	13046-4	SIMALC1	1	Sample		

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
28	Vial 28	13046-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
31	Vial 31	13047-1	SIMALC1	1	Sample		
32	Vial 32	13047-2	SIMALC1	1	Sample		
33	Vial 33	13047-3	SIMALC1	1	Sample		
34	Vial 34	13047-4	SIMALC1	1	Sample		
35	Vial 35	13047-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

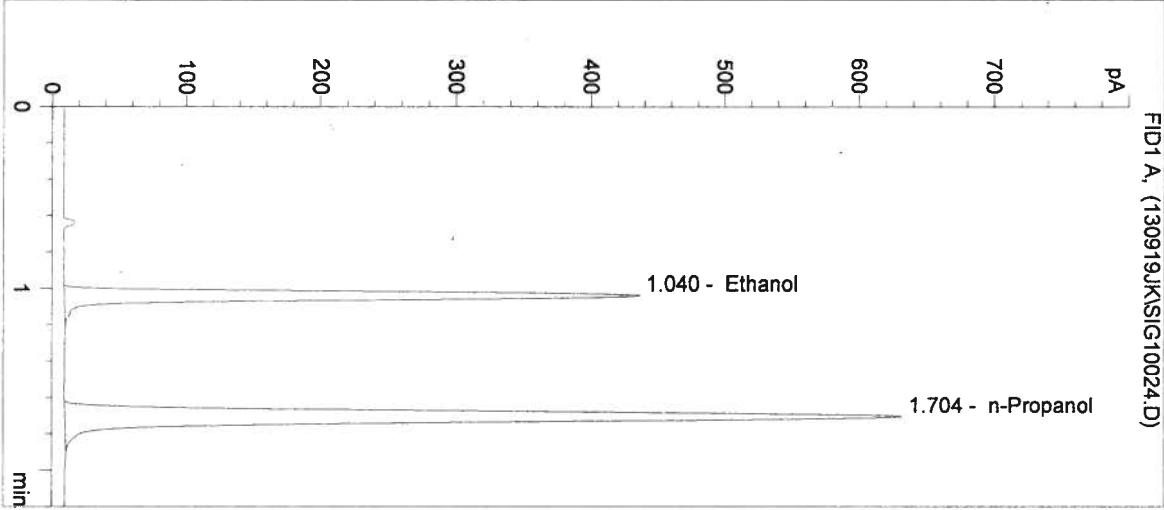
13046

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

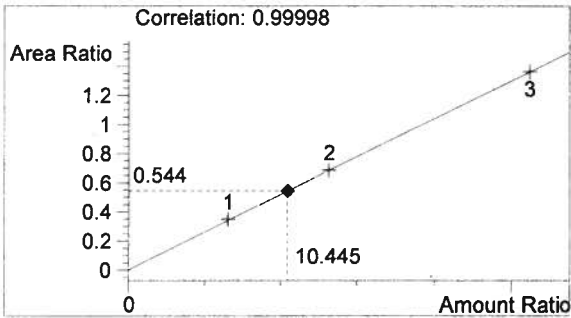
Inj. Date: 9/19/2013 1:38:19 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 13046-1
 Operator: Justin Knoy
 Location: Vial 24

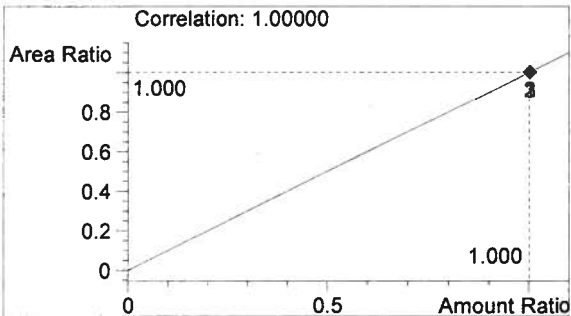
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1341	1.040
2	n-Propanol	2464	1.704



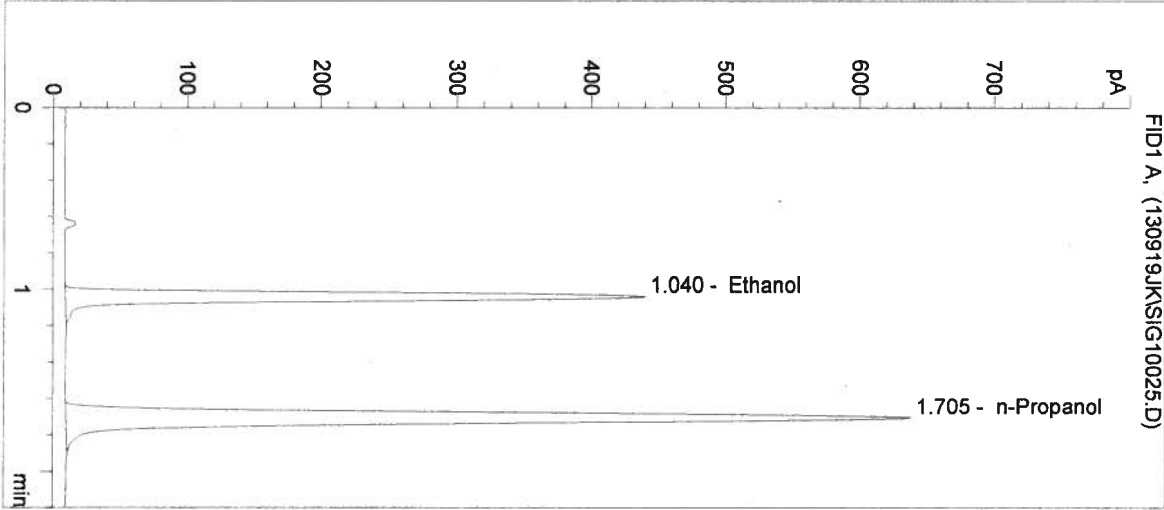
Ethanol 0.125 g/100mL



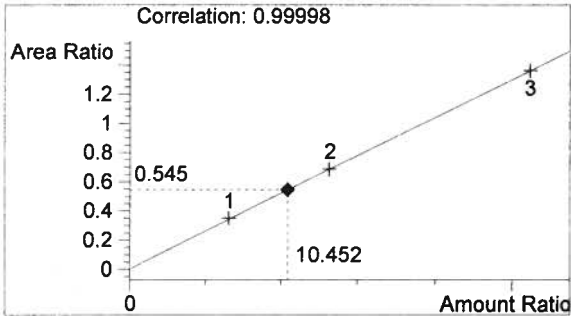
n-Propanol 0.012 g/100mL

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

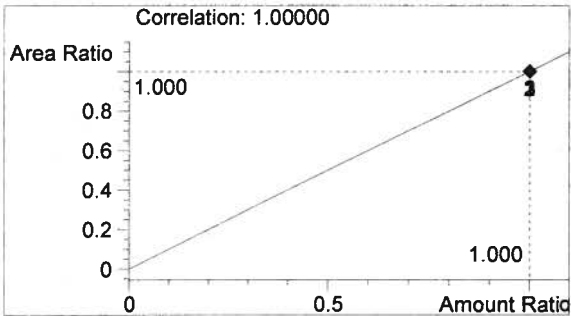
Inj. Date: 9/19/2013 1:41:23 PM Sample Name: 13046-2
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 25
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1355	1.040
2	n-Propanol	2488	1.705



Ethanol 0.125 g/100mL

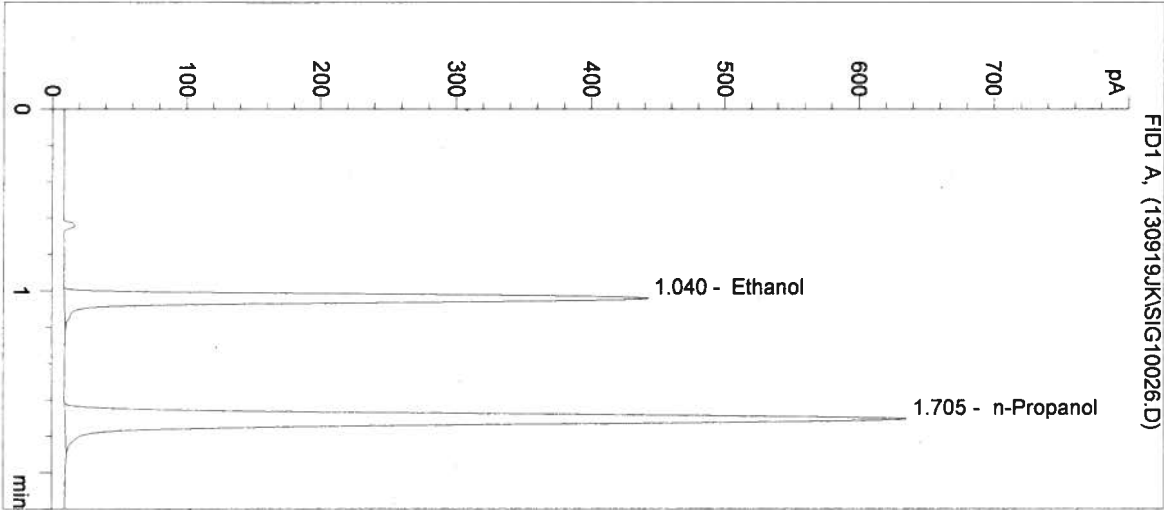


n-Propanol 0.012 g/100mL

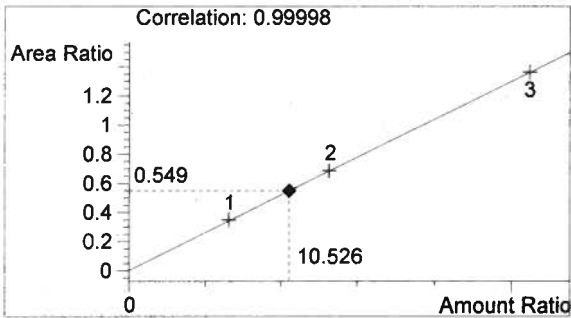
Y

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

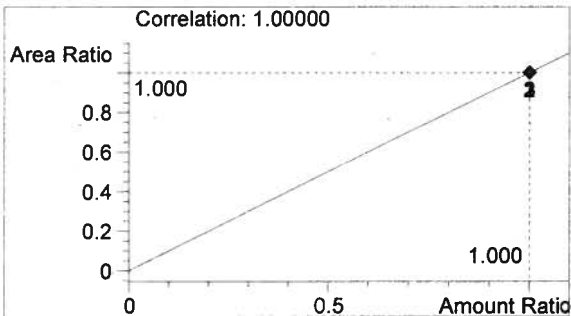
Inj. Date: 9/19/2013 1:44:28 PM Sample Name: 13046-3
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 26
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1354	1.040
2	n-Propanol	2469	1.705

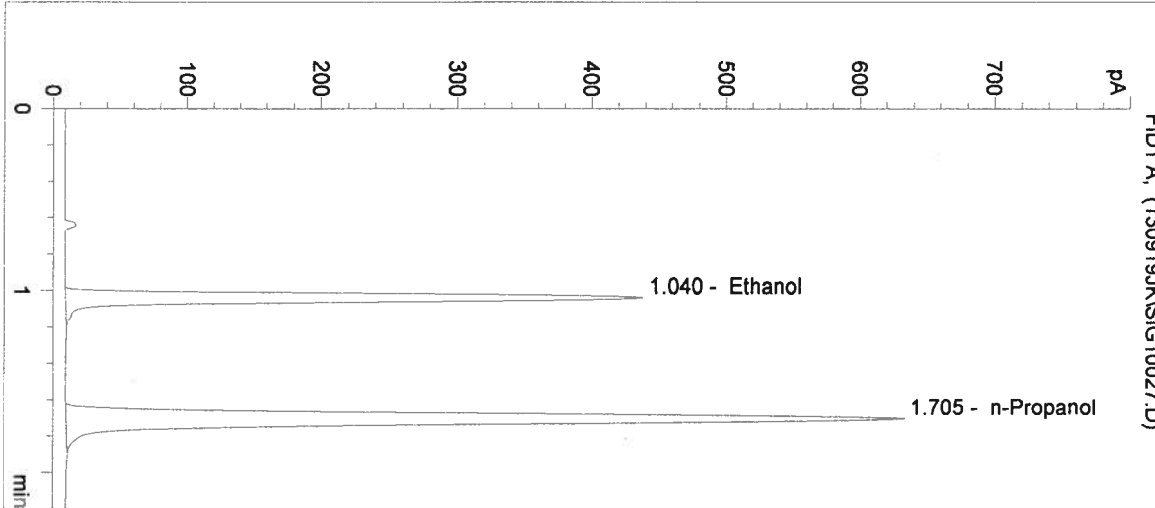


Ethanol 0.126 g/100mL

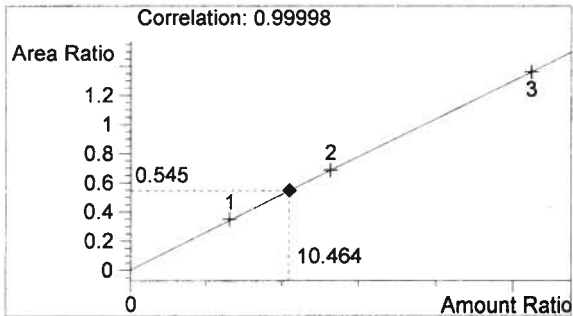


n-Propanol 0.012 g/100mL

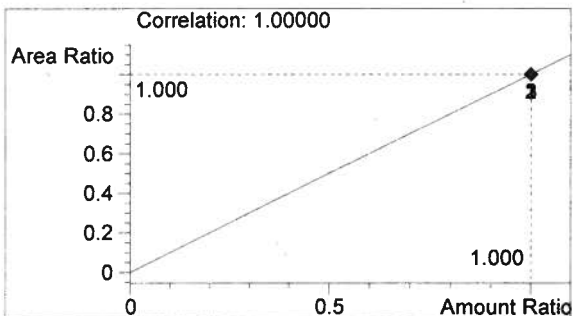
Inj. Date: 9/19/2013 1:47:33 PM Sample Name: 13046-4
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 27
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.040
2	n-Propanol	2469	1.705



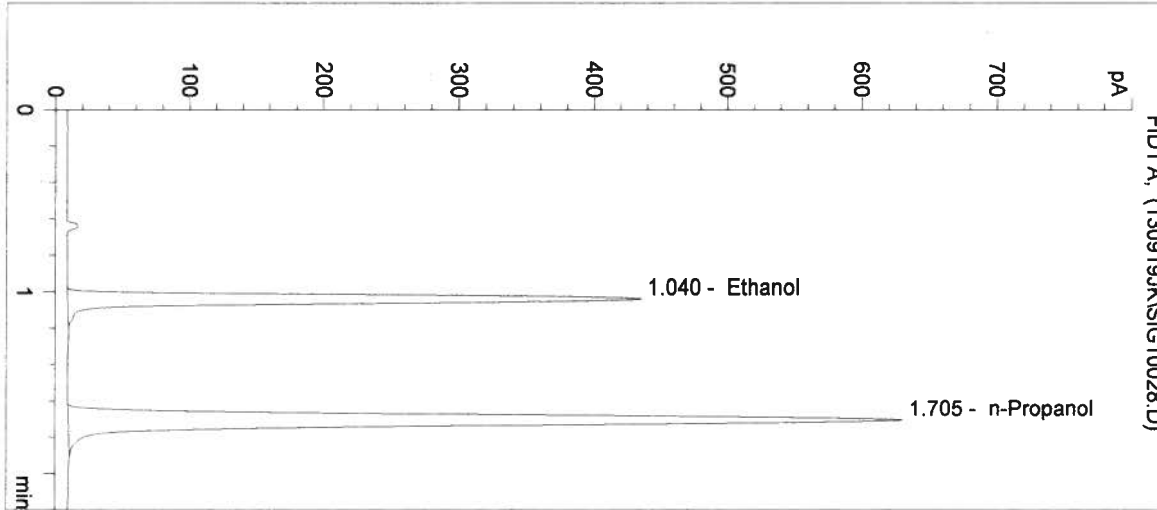
Ethanol 0.126 g/100mL



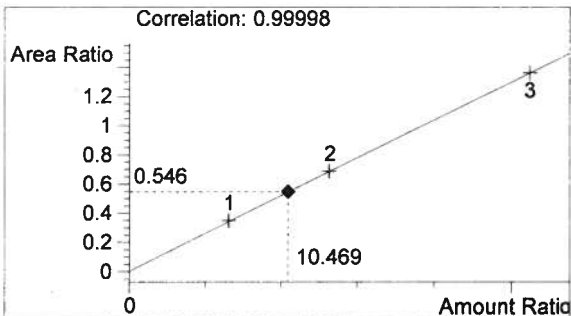
n-Propanol 0.012 g/100mL

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

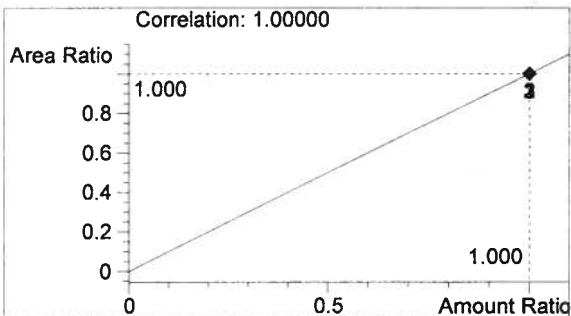
Inj. Date: 9/19/2013 1:50:37 PM Sample Name: 13046-5
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 28
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.040
2	n-Propanol	2451	1.705



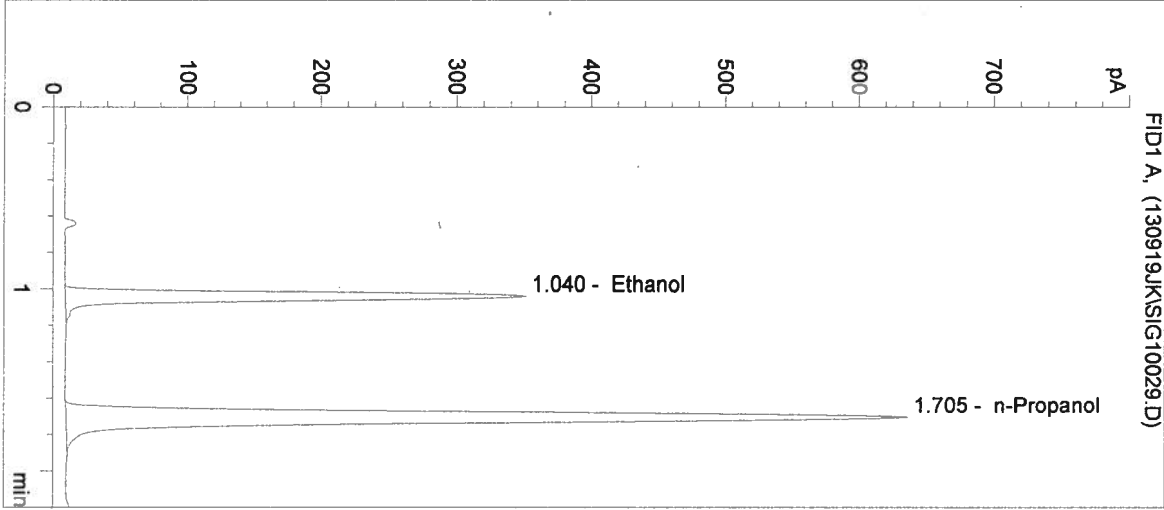
Ethanol 0.126 g/100mL



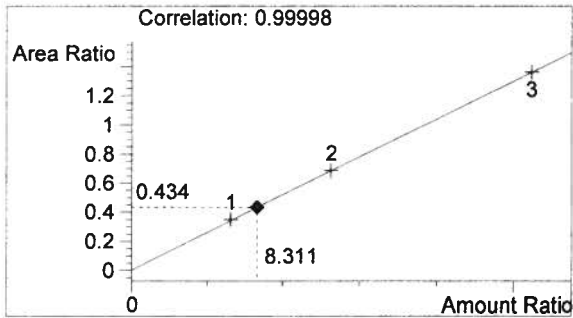
n-Propanol 0.012 g/100mL

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

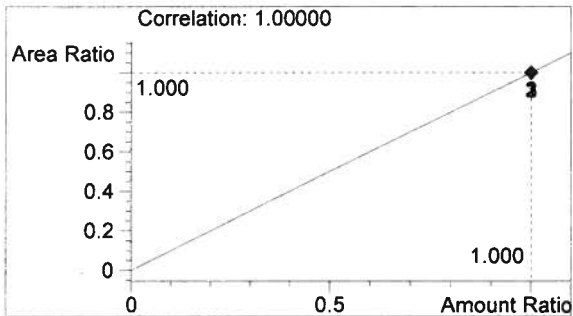
Inj. Date: 9/19/2013 1:53:42 PM Sample Name: 0.10 CTRL JK
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 29
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1077	1.040
2	n-Propanol	2483	1.705



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13046

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

Inj. Date: 9/19/2013 1:56:47 PM

Sample Name: NEG CTRL JK

Instrument: HSGC#1

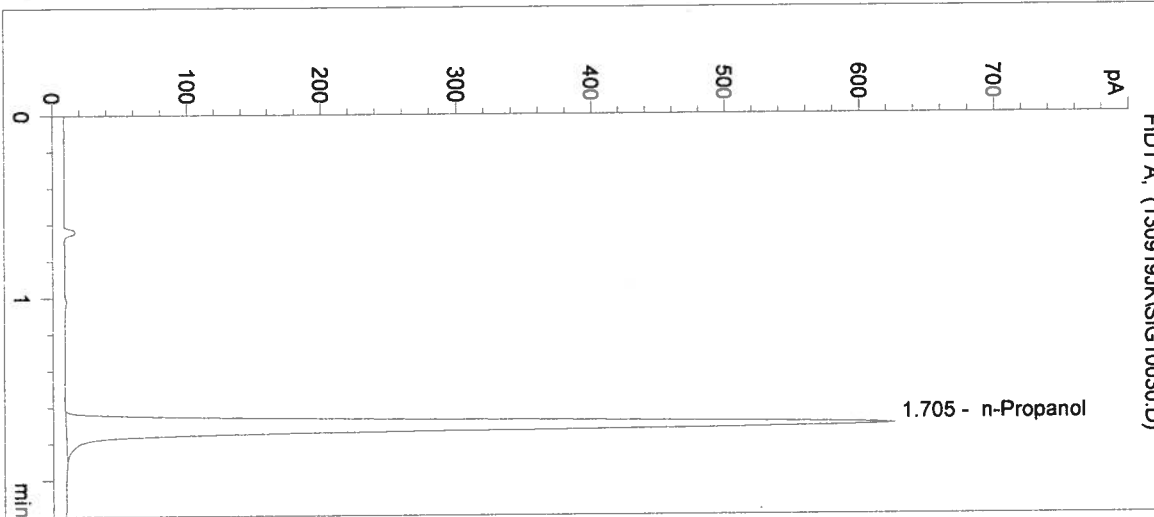
Operator: Justin Knoy

Column: DB-ALC1

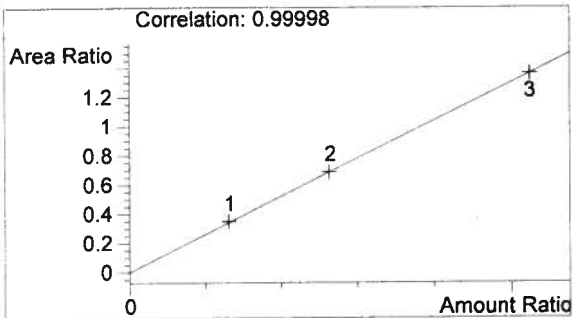
Location: Vial 30

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

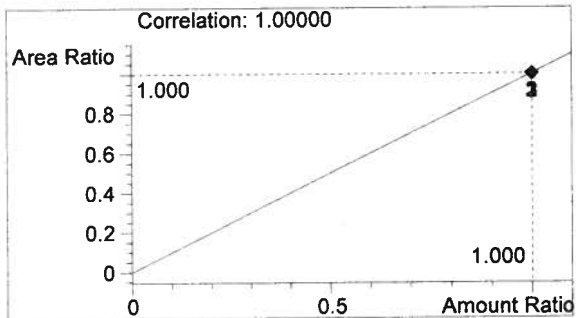
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2424	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13046

JK