



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14028

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: 07/23/2014
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Andrew Gingras

	AG	KK	JLK
1	0.125	0.122	0.124
2	0.125	0.125	0.126
3	0.125	0.124	0.126
4	0.125	0.124	0.125
5	0.125	0.125	0.125
C	0.099	0.100	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1247 g/100mL PRECISION CV (%): 0.77
STANDARD DEVIATION: 0.00096 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.1014 g/210L
COMBINED STANDARD UNCERTAINTY: ± 0.0012 (k=1, 68% confidence interval)




WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

8/22/14

DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:	
		SIGNATURE	DATE TESTED
AG	Andrew Gingras		07/23/2014
KK	Katie Knorr		07/25/2014
JLK	Justin L. Knoy		08/05/2014

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

QAP Solution Batch #: 14028

Date Prepared: 7/23/2014

Analyst:	AG	KK	JLK
Date Tested:	7/23/2014	7/25/2014	8/5/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.125	0.122	0.124
2	0.125	0.125	0.126
3	0.125	0.124	0.126
4	0.125	0.124	0.125
5	0.125	0.125	0.125
C	0.099	0.100	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef.}$
0.0000084100	0.0000039585	0.0000333333	0.0001016326

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

Average Solution Concentration: 0.1247 g/100mL
Standard Deviation: 0.00096 g/100mL
Precision CV (%): 0.77
Equivalent Vapor Concentration: 0.1014 g/210L
Combined Standard Uncertainty (\pm): 0.0012 g/210L

Calculations performed by: Lisa Noble [Signature] 8/6/14
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 8-19-2014 Method: Hand calculation
Name Signature Date

Tech. review performed by: Lisa Noble [Signature] 8/6/14
Name Signature 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		
Andrew Gingras	AG	8/13/14
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Dawn Sklerov		
Justin Knoy	JK	8.15.14
Katie Knorr	KK	8/14/14
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14028

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

**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14028**


I, Andrew Gingras, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Cell and Molecular Biology and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 14028, was prepared in the Washington State Toxicology Laboratory on 7/23/2014. I tested this solution and 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 7/23/2015.

Seattle, WA

 7/13/14

Andrew Gingras

Date

Forensic Toxicologist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14028**

I, Katie Knorr, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS in Biochemistry and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 14028, was prepared in the Washington State Toxicology Laboratory on 7/23/2014. I tested this solution and 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 7/23/2015.

Seattle, WA

Katie Knorr 8/14/14

Katie Knorr

Date

Forensic Toxicologist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14028**

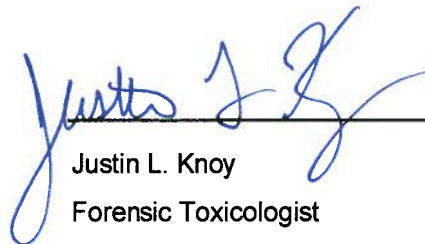
I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 14028, was prepared in the Washington State Toxicology Laboratory on 7/23/2014. I tested this solution and 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 7/23/2015.

Seattle, WA

 8.15.14
Justin L. Knoy Date
Forensic Toxicologist

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 8-19-2014

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14028

	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: 8-19-2014

Reviewer Signature: N/A AB 8-19-14 Date: _____

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

Preparation Date: 7/23/2014 Initials of Preparer: AG

Expiration Date: 7/23/2015

Lot # of 200-proof Ethanol used in preparation: ZCB0070

Date the 200-proof Ethanol bottle was opened: 6/25/14

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>14026</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14027</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14028</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>14029</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>14030</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

7/23/14
Date

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

Comments:

[Signature]
Analyst Signature

7/23/14
Date

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\AGQAP.S
 Operator : Andrew Gingras
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140723AG
 Part of Methods to run : According to Runtime Checklist
 Barcode Reader : not used
 Shutdown Cmd/Macro : none
 Sequence Comment :
 CAL 1: 0.079 g/100 mL - Lot: E0414-01 - exp: 10/15/14
 CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
 CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
 CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
 CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
 CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
 n-Propanol: Lot: P0514 - exp: 8/27/2014

14026

14027

14028

14029

14030

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC1	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib	
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	QAP 14026 #1	SIMALC1	1	Sample	
11	Vial 11	QAP 14026 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14026 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14026 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14026 #5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	QAP 14027 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14027 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14027 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14027 #4	SIMALC1	1	Sample	1 4 0 2 6
21	Vial 21	QAP 14027 #5	SIMALC1	1	Sample	1 4 0 2 7
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	1 4 0 2 8
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	1 4 0 2 9
24	Vial 24	QAP 14028 #1	SIMALC1	1	Sample	1 4 0 3 0
25	Vial 25	QAP 14028 #2	SIMALC1	1	Sample	
26	Vial 26	QAP 14028 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14028 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14028 #5	SIMALC1	1	Sample	
29	Vial 29	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp	
31	Vial 31	QAP 14029 #1	SIMALC1	1	Sample	
32	Vial 32	QAP 14029 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14029 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14029 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14029 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

1 4 0 2 6
 1 4 0 2 7
 1 4 0 2 8
 1 4 0 2 9
 1 4 0 3 0

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
38	Vial 38	QAP 14030 #1	SIMALC1	1	Sample	
39	Vial 39	QAP 14030 #2	SIMALC1	1	Sample	
40	Vial 40	QAP 14030 #3	SIMALC1	1	Sample	
41	Vial 41	QAP 14030 #4	SIMALC1	1	Sample	
42	Vial 42	QAP 14030 #5	SIMALC1	1	Sample	
43	Vial 43	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp	

Calibration Part:

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

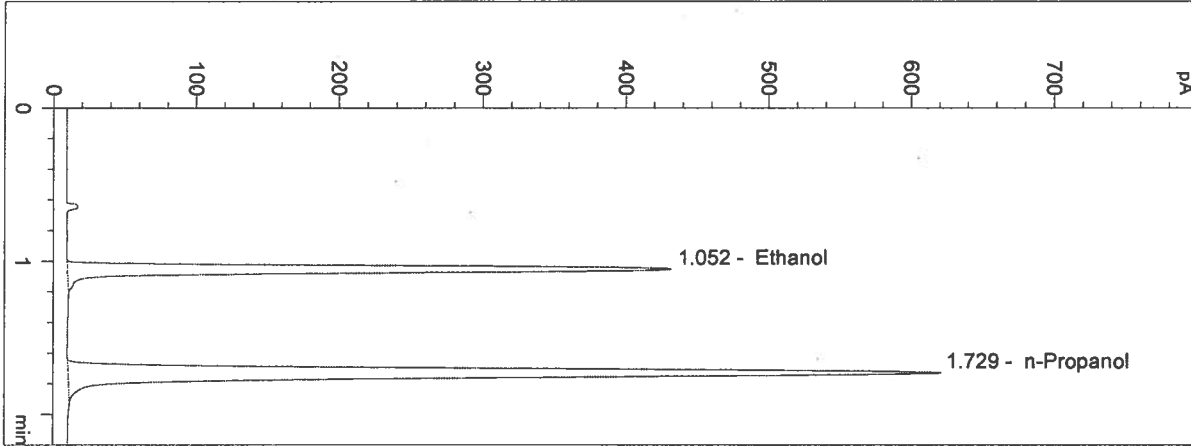
Sequence Table (Back Injector):

No entries - empty table!

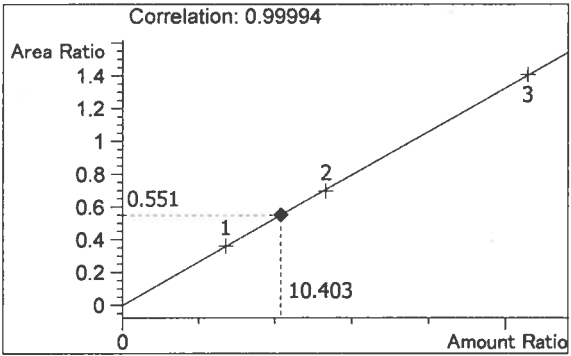
1 4 0 2 6
 1 4 0 2 7
 1 4 0 2 8
 1 4 0 2 9
 1 4 0 3 0

Inj. Date: 7/23/2014 10:49:43 AM Sample Name: QAP 14028 #1
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 24
Method: C:\CHEM32\1\METHODS\SIMALC1.M

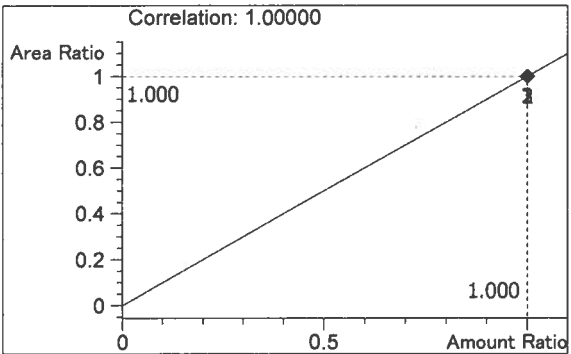
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1339	1.052
2	n-Propanol	2432	1.729



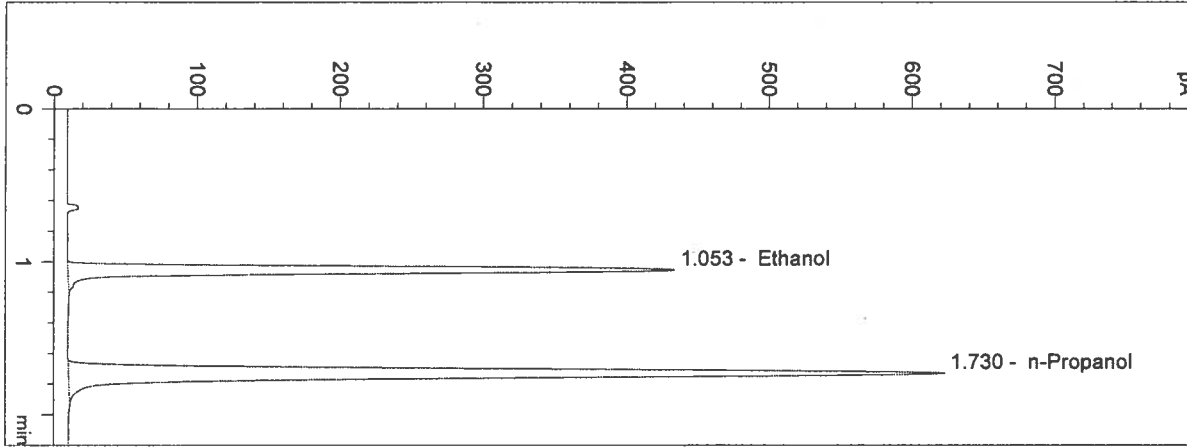
Ethanol 0.125 g/100mL



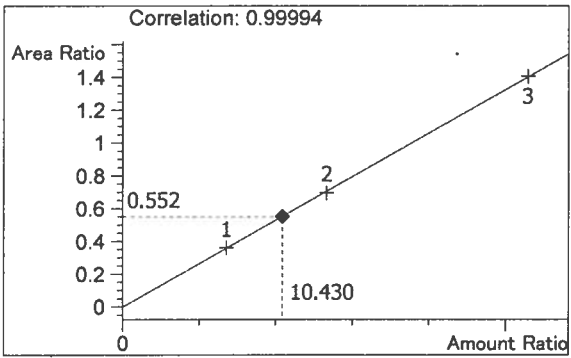
n-Propanol 0.012 g/100mL

Inj. Date: 7/23/2014 10:52:56 AM Sample Name: QAP 14028 #2
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 25
Method: C:\CHEM32\1\METHODS\SIMALC1.M

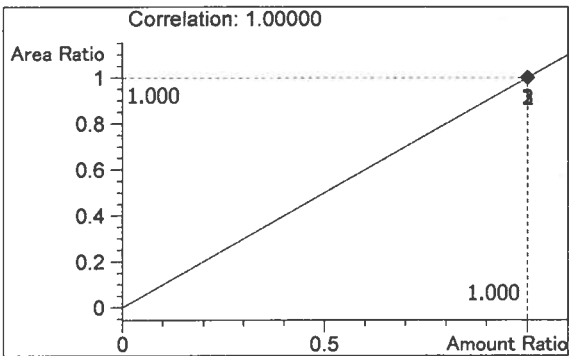
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1349	1.053
2	n-Propanol	2444	1.730



Ethanol 0.125 g/100mL

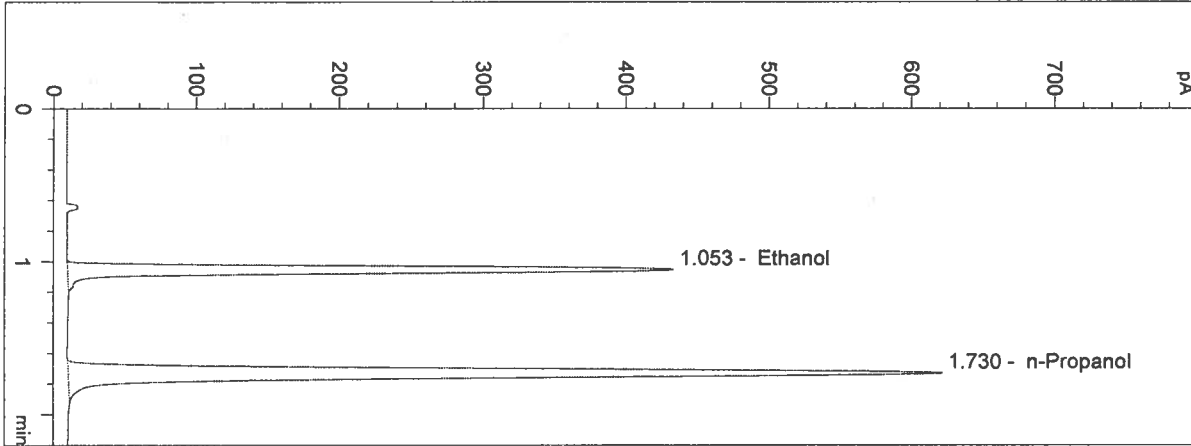


n-Propanol 0.012 g/100mL

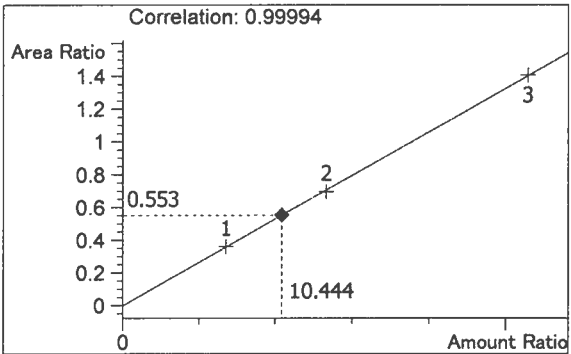
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/23/2014 10:56:09 AM Sample Name: QAP 14028 #3
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 26
Method: C:\CHEM32\1\METHODS\SIMALC1.M

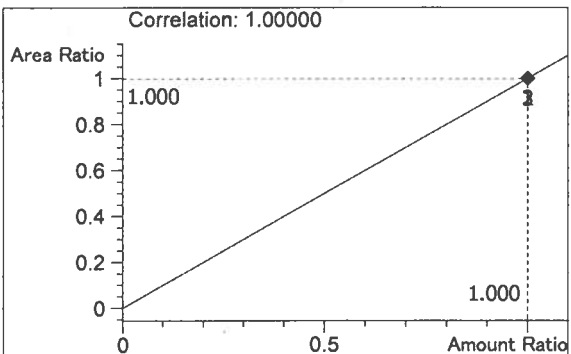
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.053
2	n-Propanol	2436	1.730



Ethanol 0.125 g/100mL

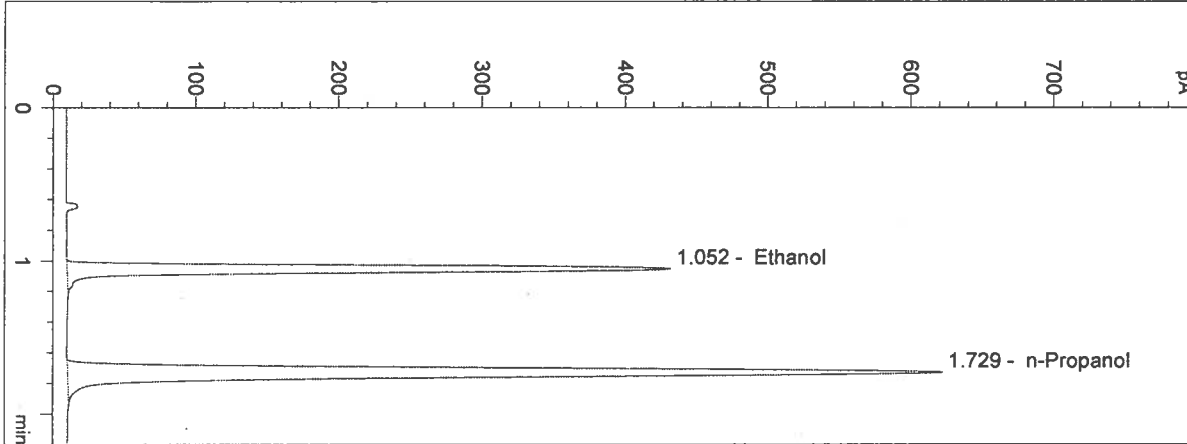


n-Propanol 0.012 g/100mL

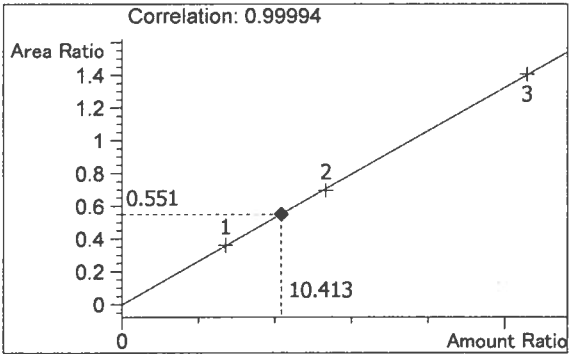
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/23/2014 10:59:23 AM Sample Name: QAP 14028 #4
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 27
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

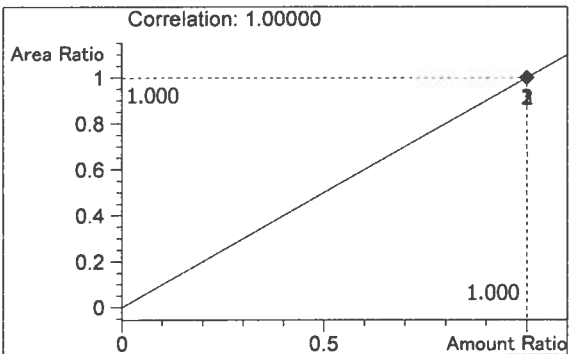
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.052
2	n-Propanol	2447	1.729



Ethanol 0.125 g/100mL

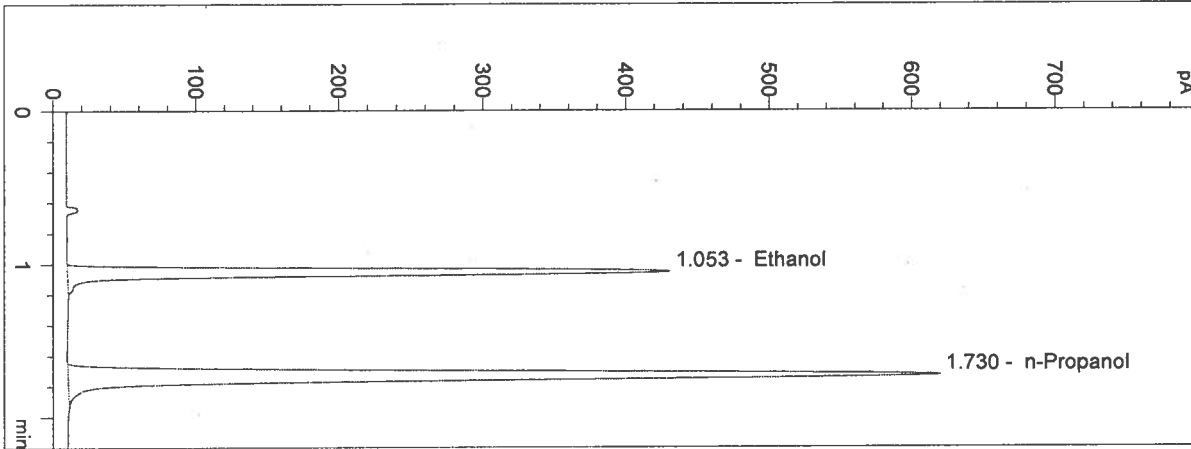


n-Propanol 0.012 g/100mL

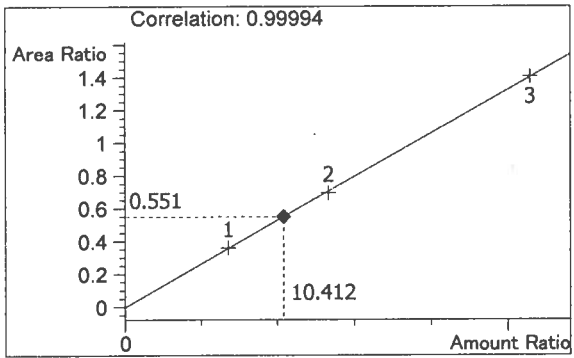
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/23/2014 11:02:37 AM Sample Name: QAP 14028 #5
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 28
Method: C:\CHEM32\1\METHODS\SIMALC1.M

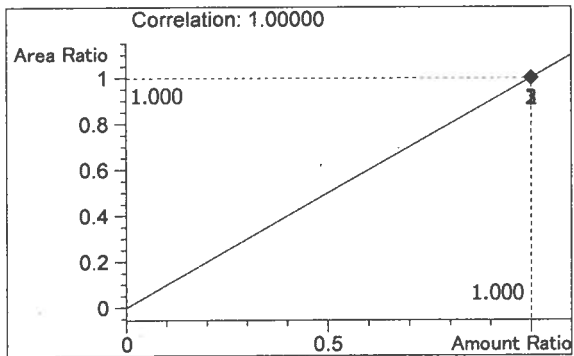
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1341	1.053
2	n-Propanol	2433	1.730



Ethanol 0.125 g/100mL

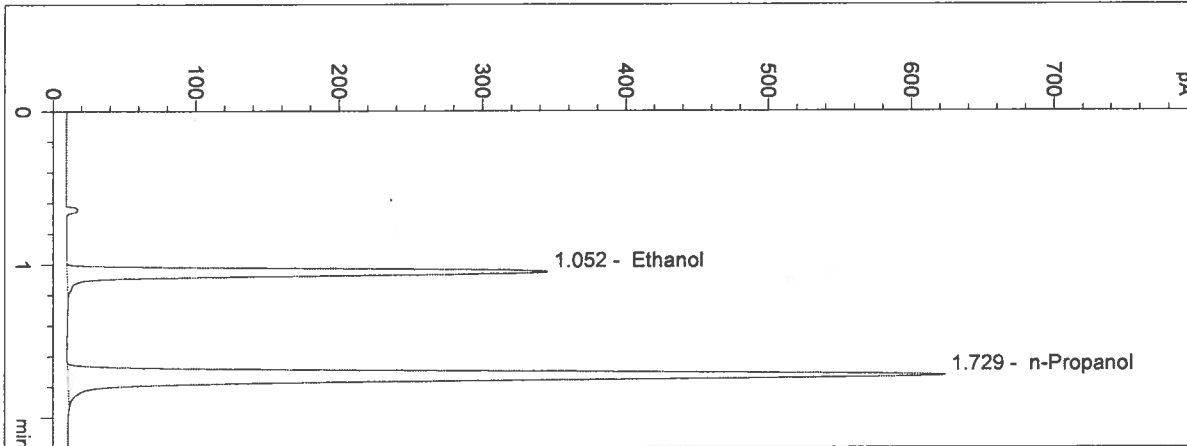


n-Propanol 0.012 g/100mL

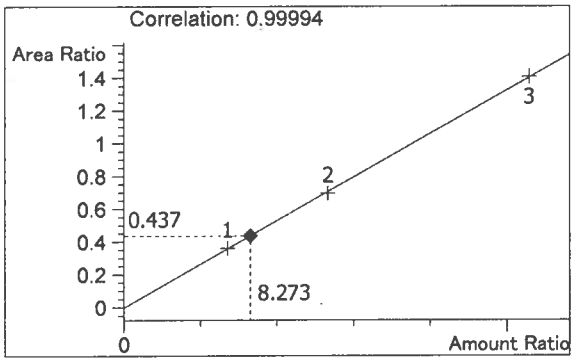
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/23/2014 11:05:50 AM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 29
Method: C:\CHEM32\1\METHODS\SIMALC1.M

Sample Info:

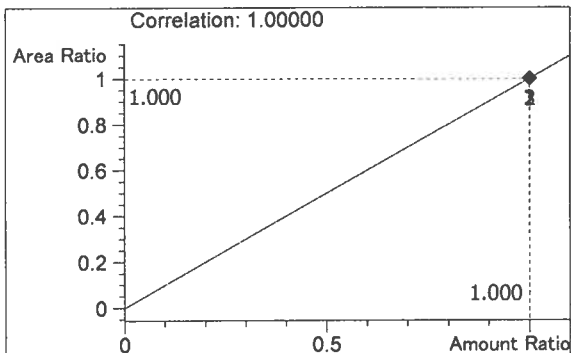


#	Compound	Peak Area	RT (min)
1	Ethanol	1070	1.052
2	n-Propanol	2447	1.729



Ethanol 0.099 g/100mL

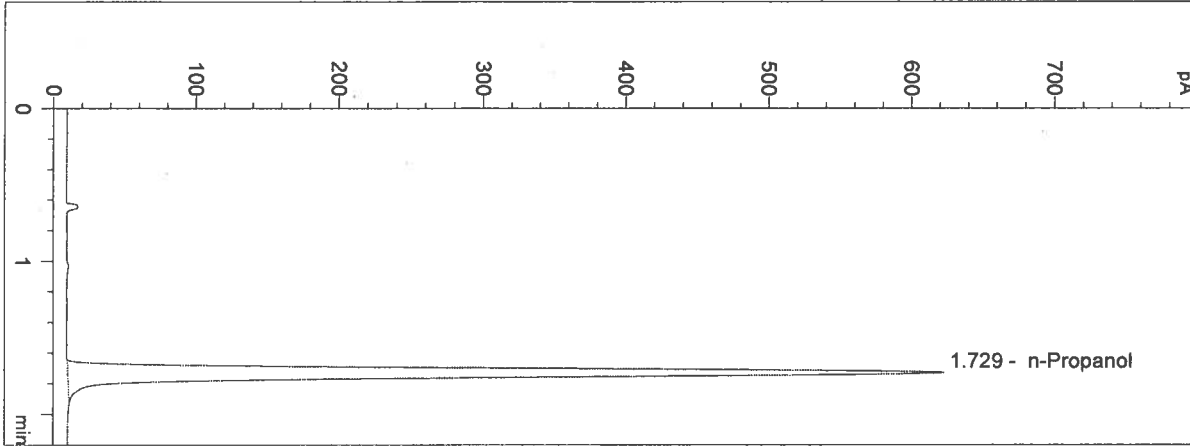
14028



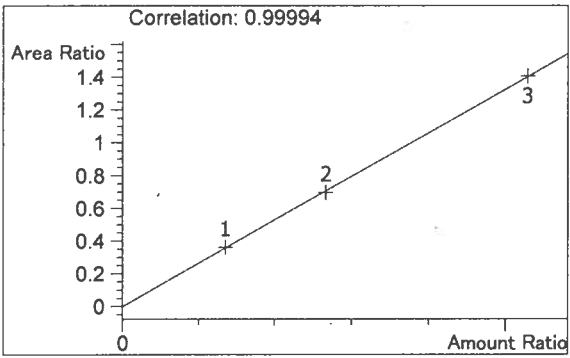
n-Propanol 0.012 g/100mL

Inj. Date: 7/23/2014 11:09:02 AM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 30
Method: C:\CHEM32\1\METHODS\SIMALC1.M

Sample Info:

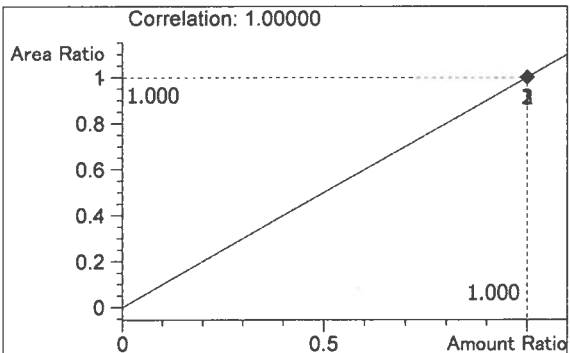


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.729



Ethanol 0.000 g/100mL

14028



n-Propanol 0.012 g/100mL

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\KKQAP.S
 Operator : Katie Knorr
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140725kk
 Part of Methods to run : According to Runtime Checklist
 Barcode Reader : not used
 Shutdown Cmd/Macro : none
 Sequence Comment :
 CAL 1: 0.079 g/100 mL - Lot: E0414-01 - exp: 10/15/14
 CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
 CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
 CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
 CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
 CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
 n-Propanol: Lot: P0514 - exp: 8/27/2014

1 4 0 2 6
 1 4 0 2 7
 1 4 0 2 8
 1 4 0 2 9
 1 4 0 3 0

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC1	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib	
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

kk

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	QAP 14026 #1	SIMALC1	1	Sample	
11	Vial 11	QAP 14026 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14026 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14026 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14026 #5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0:10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	QAP 14027 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14027 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14027 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14027 #4	SIMALC1	1	Sample	14026
21	Vial 21	QAP 14027 #5	SIMALC1	1	Sample	14027
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	14028
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	
24	Vial 24	QAP 14028 #1	SIMALC1	1	Sample	14029
25	Vial 25	QAP 14028 #2	SIMALC1	1	Sample	14030
26	Vial 26	QAP 14028 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14028 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14028 #5	SIMALC1	1	Sample	
29	Vial 29	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp	
31	Vial 31	QAP 14029 #1	SIMALC1	1	Sample	
32	Vial 32	QAP 14029 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14029 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14029 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14029 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

KK

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
38	Vial 38	QAP 14030 #1	SIMALC1	1	Sample	
39	Vial 39	QAP 14030 #2	SIMALC1	1	Sample	
40	Vial 40	QAP 14030 #3	SIMALC1	1	Sample	
41	Vial 41	QAP 14030 #4	SIMALC1	1	Sample	
42	Vial 42	QAP 14030 #5	SIMALC1	1	Sample	
43	Vial 43	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

1 4 0 2 6

1 4 0 2 7

1 4 0 2 8

1 4 0 2 9

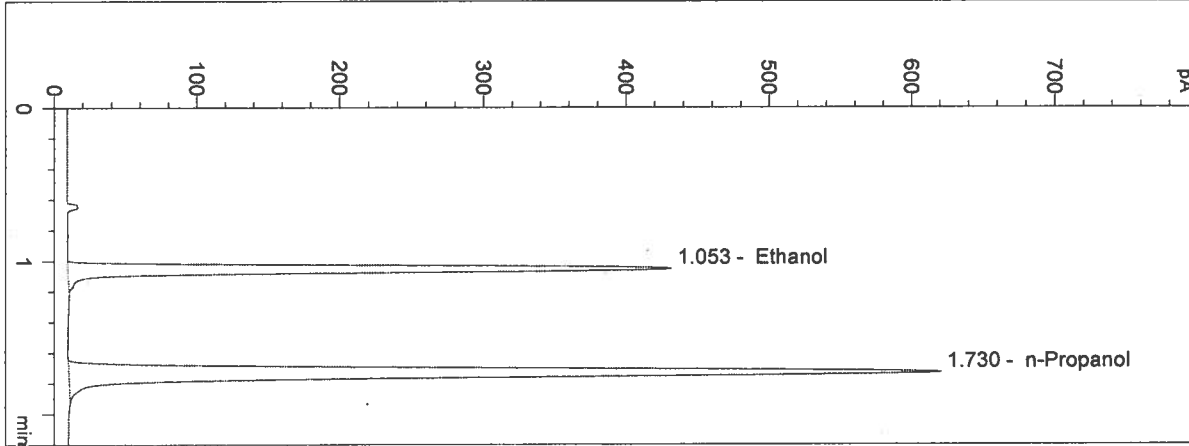
1 4 0 3 0

KK

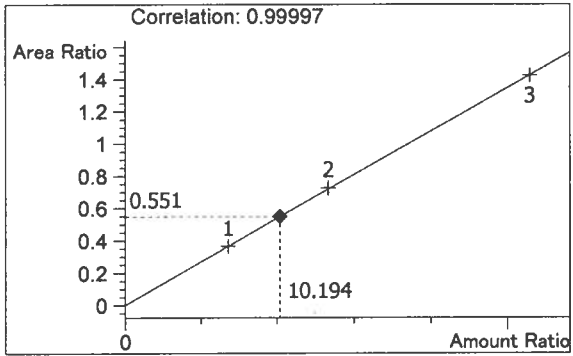
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/25/2014 3:37:16 PM Sample Name: QAP 14028 #1
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 24
Method: C:\CHEM32\1\METHODS\SIMALC1.M

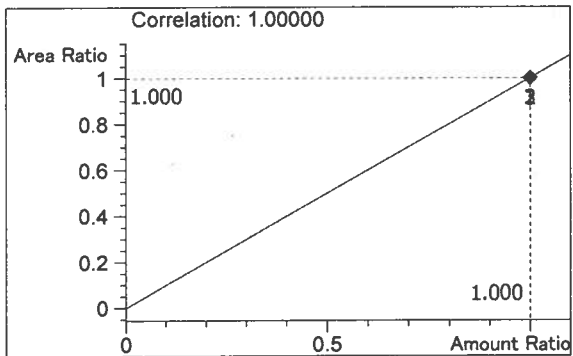
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1344	1.053
2	n-Propanol	2439	1.730



Ethanol 0.122 g/100mL



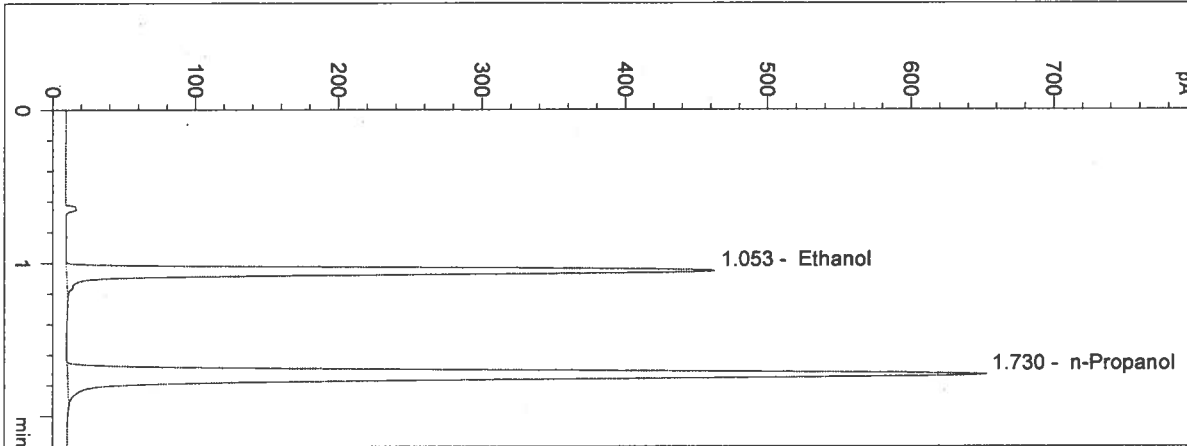
n-Propanol 0.012 g/100mL

KK

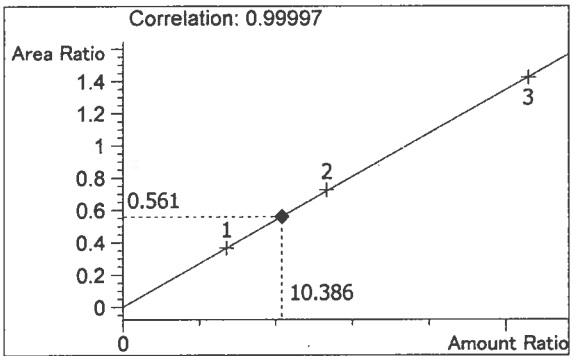
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/25/2014 3:40:31 PM Sample Name: QAP 14028 #2
 Instrument: HSGC 1 Operator: Katie Knorr
 Column: DB-ALC1 Location: Vial 25
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

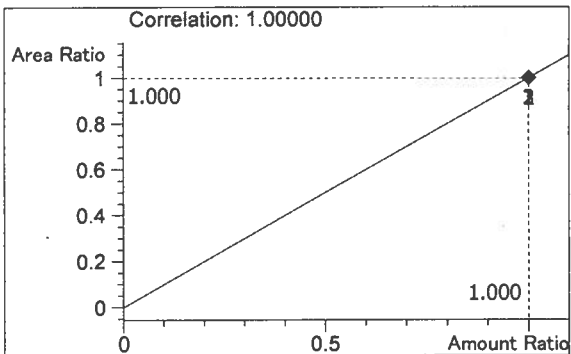
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1435	1.053
2	n-Propanol	2556	1.730



Ethanol 0.125 g/100mL



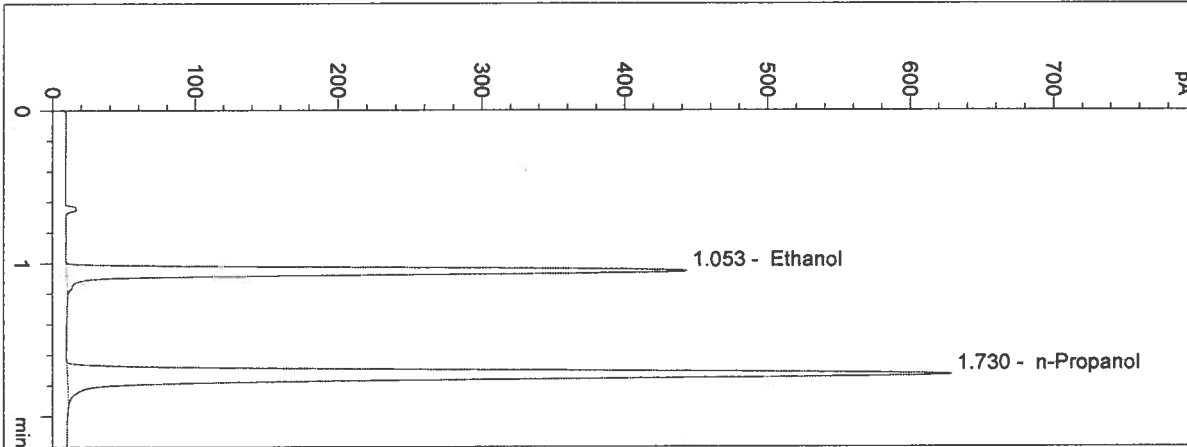
n-Propanol 0.012 g/100mL

KK

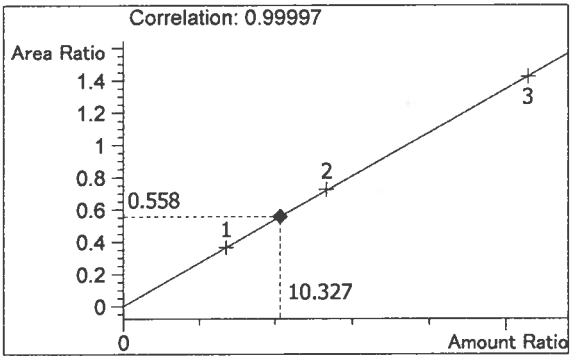
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/25/2014 3:43:43 PM Sample Name: QAP 14028 #3
 Instrument: HSGC 1 Operator: Katie Knorr
 Column: DB-ALC1 Location: Vial 26
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

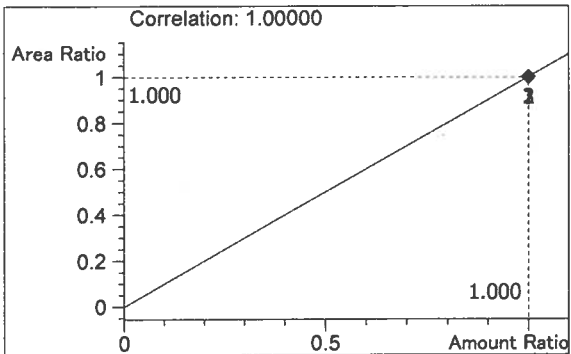
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1375	1.053
2	n-Propanol	2462	1.730



Ethanol 0.124 g/100mL



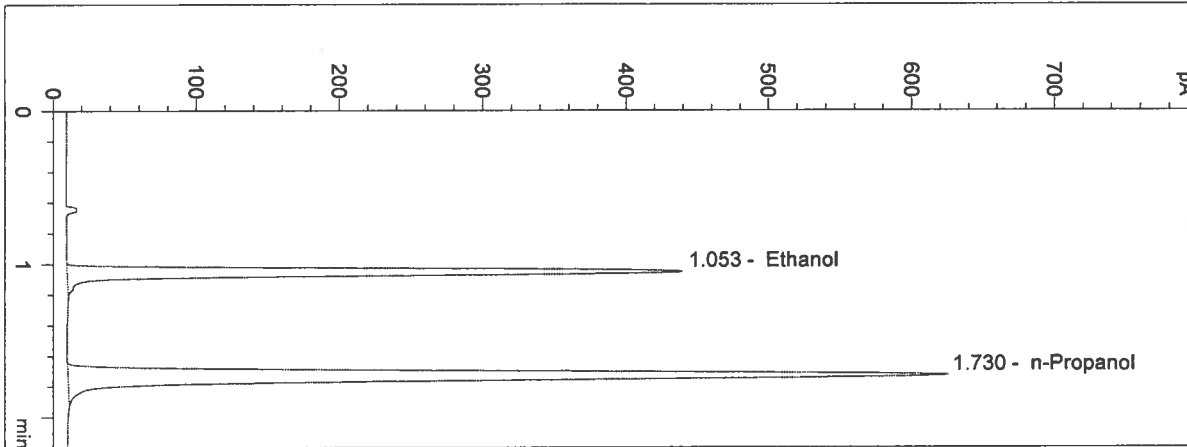
n-Propanol 0.012 g/100mL

KK

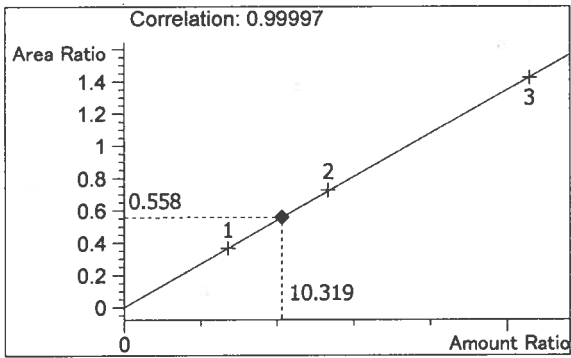
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Inj. Date: 7/25/2014 3:46:56 PM Sample Name: QAP 14028 #4
 Instrument: HSGC 1 Operator: Katie Knorr
 Column: DB-ALC1 Location: Vial 27
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

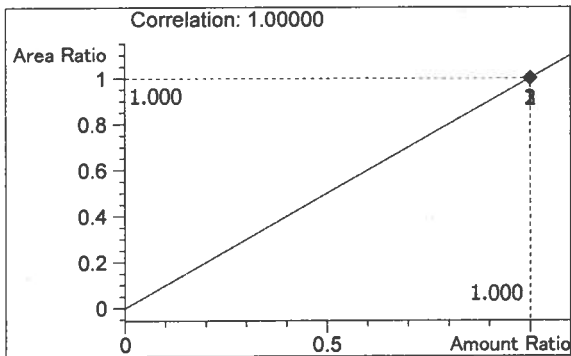
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1367	1.053
2	n-Propanol	2451	1.730



Ethanol 0.124 g/100mL



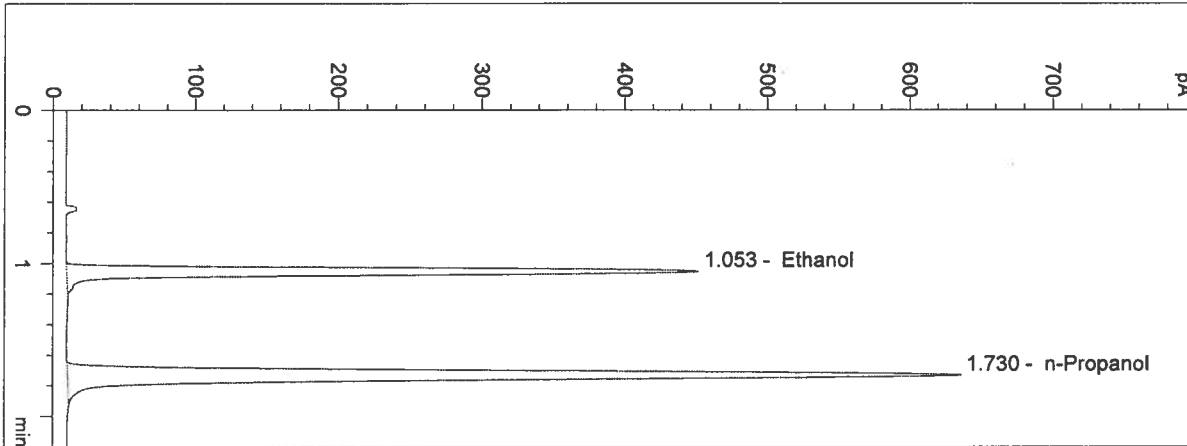
n-Propanol 0.012 g/100mL

ICK

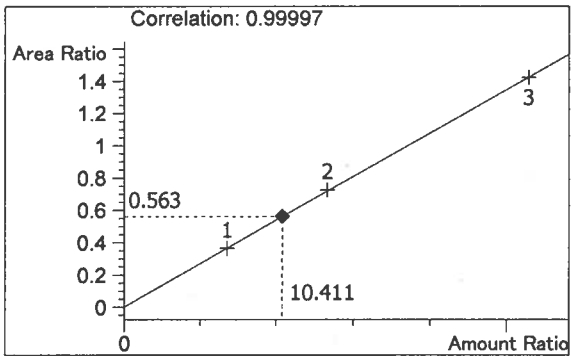
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/25/2014 3:50:10 PM Sample Name: QAP 14028 #5
 Instrument: HSGC 1 Operator: Katie Knorr
 Column: DB-ALC1 Location: Vial 28
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

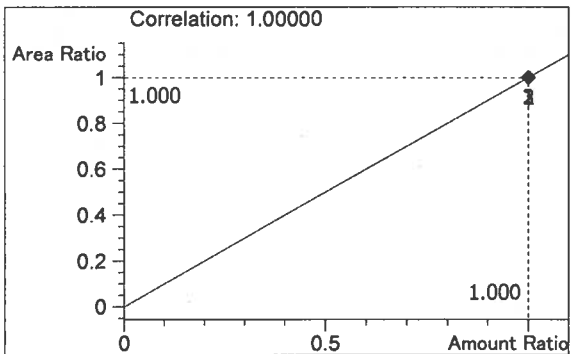
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1400	1.053
2	n-Propanol	2488	1.730



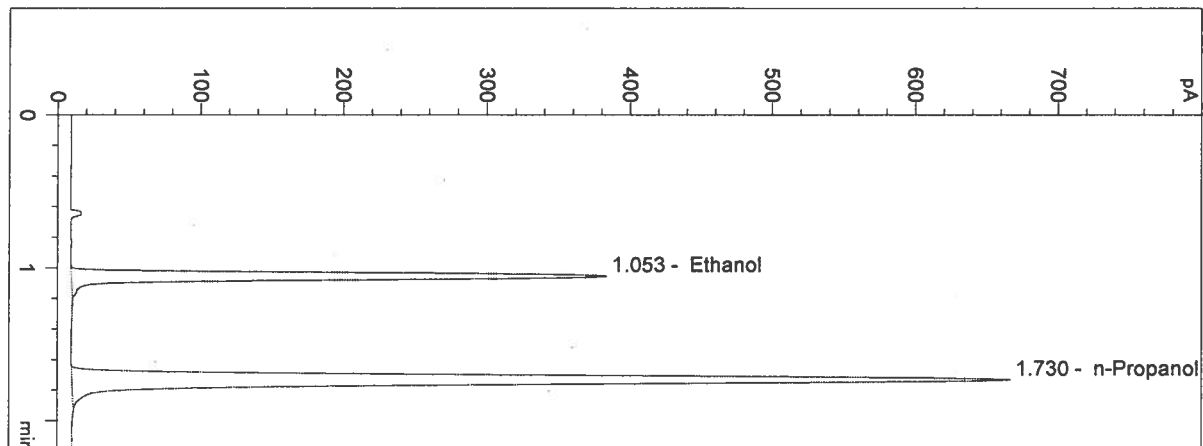
Ethanol 0.125 g/100mL



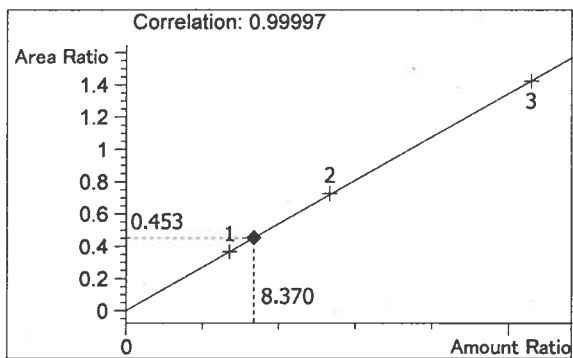
n-Propanol 0.012 g/100mL

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Inj. Date: 7/25/2014 3:53:23 PM Sample Name: CTRL 2 (0.10)
 Instrument: HSGC 1 Operator: Katie Knorr
 Column: DB-ALC1 Location: Vial 29
 Method: C:\CHEM32\1\METHODS\SIMALC1.M
 Sample Info:

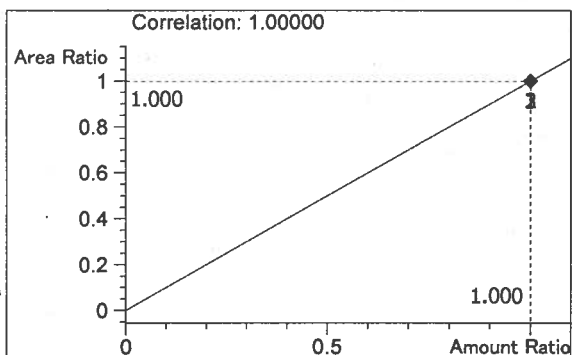


#	Compound	Peak Area	RT (min)
1	Ethanol	1184	1.053
2	n-Propanol	2614	1.730



Ethanol 0.100 g/100mL

14028

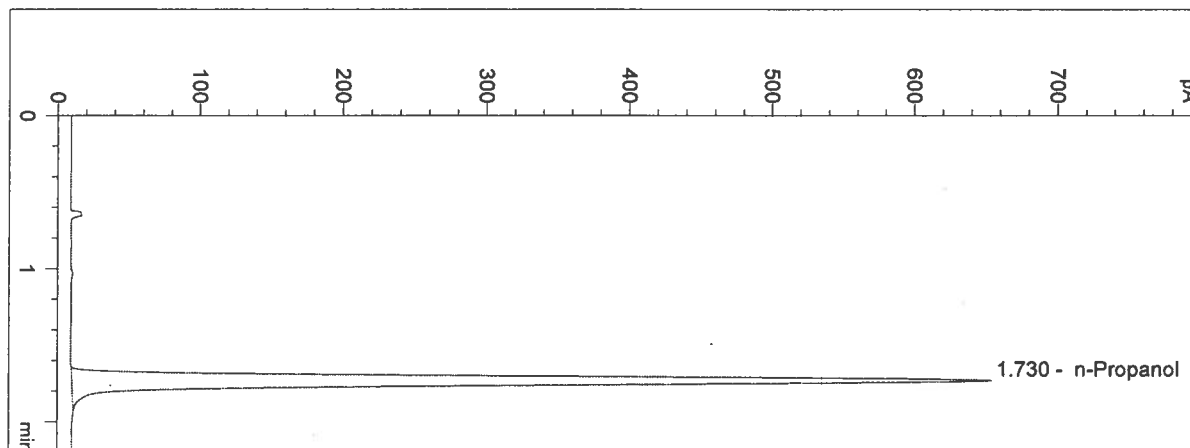


n-Propanol 0.012 g/100mL

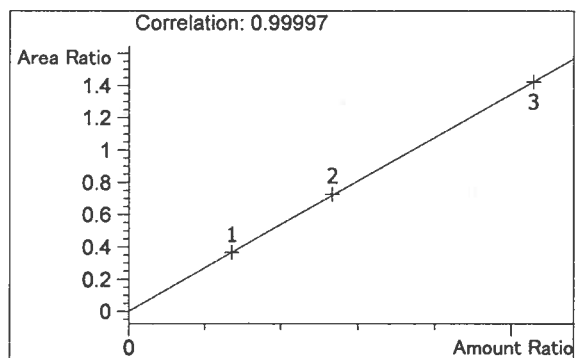
KK

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Inj. Date: 7/25/2014 3:56:36 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Katie Knorr
Column: DB-ALC1 Location: Vial 30
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:

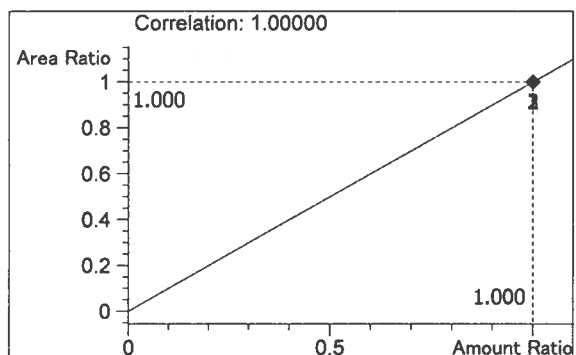


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2559	1.730



Ethanol 0.000 g/100mL

14028



n-Propanol 0.012 g/100mL

KK

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\JKQAP.S
 Operator : Justin Knoy
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140805JK
 Part of Methods to run : According to Runtime Checklist
 Barcode Reader : not used
 Shutdown Cmd/Macro : none
 Sequence Comment :
 CAL 1: 0.079 g/100 mL - Lot: E0414-01 - exp: 10/15/14
 CAL 2: 0.158 g/100 mL - Lot: E0414-02 - exp: 10/15/14
 CAL 3: 0.316 g/100 mL - Lot: E0414-03 - exp: 10/15/14
 CTRL 1: 0.04 g/100 mL - Lot: FN05011301 - exp: 5/2018
 CTRL 2: 0.10 g/100 mL - Lot: FN08051301 - exp: 10/2018
 CTRL 3: 0.20 g/100 mL - Lot: FN100511-01 - exp: 10/2016
 n-Propanol: Lot: P0514 - exp: 8/27/2014

14026
 14027
 - 14028
 14029
 14030

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
1	Vial 1	BLANK	SIMALC1	1	Sample	
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib	
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib	
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib	
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp	
6	Vial 6	CTRL 1 (0.04)	SIMALC1	1	Ctrl Samp	
7	Vial 7	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
8	Vial 8	CTRL 3 (0.20)	SIMALC1	1	Ctrl Samp	
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp	

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
10	Vial 10	QAP 14026 #1	SIMALC1	1	Sample	
11	Vial 11	QAP 14026 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14026 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14026 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14026 #5	SIMALC1	1	Sample	
15	Vial 15	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp	
17	Vial 17	QAP 14027 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14027 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14027 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14027 #4	SIMALC1	1	Sample	14026
21	Vial 21	QAP 14027 #5	SIMALC1	1	Sample	14027
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	14028
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	
24	Vial 24	QAP 14028 #1	SIMALC1	1	Sample	14029
25	Vial 25	QAP 14028 #2	SIMALC1	1	Sample	14030
26	Vial 26	QAP 14028 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14028 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14028 #5	SIMALC1	1	Sample	
29	Vial 29	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp	
31	Vial 31	QAP 14029 #1	SIMALC1	1	Sample	
32	Vial 32	QAP 14029 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14029 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14029 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14029 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
38	Vial 38	QAP 14030 #1	SIMALC1	1	Sample	
39	Vial 39	QAP 14030 #2	SIMALC1	1	Sample	
40	Vial 40	QAP 14030 #3	SIMALC1	1	Sample	
41	Vial 41	QAP 14030 #4	SIMALC1	1	Sample	
42	Vial 42	QAP 14030 #5	SIMALC1	1	Sample	
43	Vial 43	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
44	Vial 44	NEG CTRL	SIMALC1	1	Ctrl Samp	

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

1 4 0 2 6

1 4 0 2 7

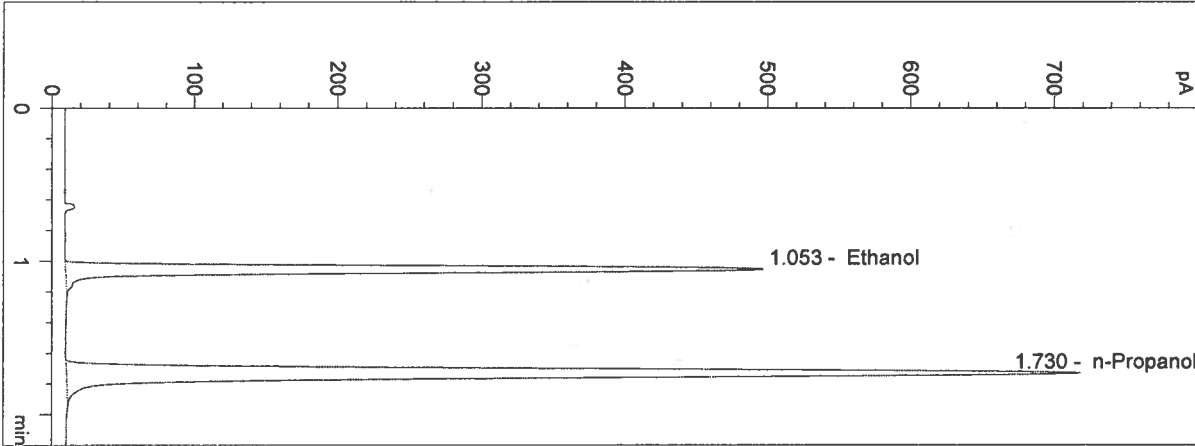
1 4 0 2 8

1 4 0 2 9

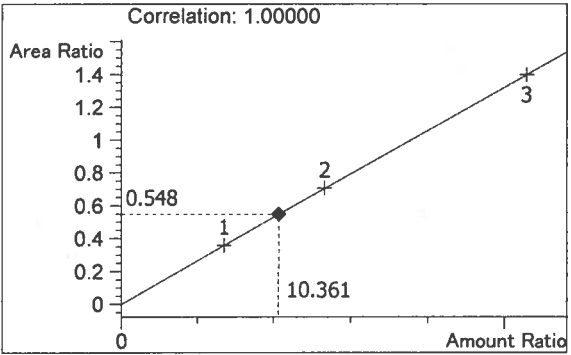
1 4 0 3 0

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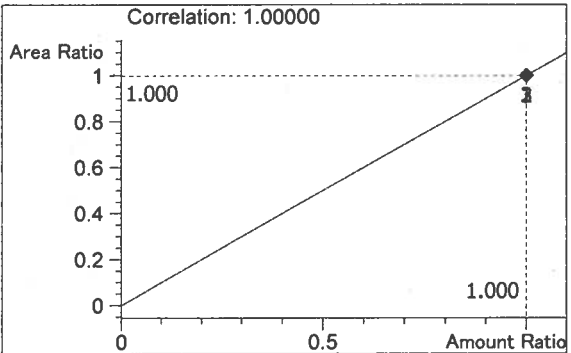
Inj. Date: 8/5/2014 2:26:29 PM Sample Name: QAP 14028 #1
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 24
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1545	1.053
2	n-Propanol	2817	1.730



Ethanol 0.124 g/100mL

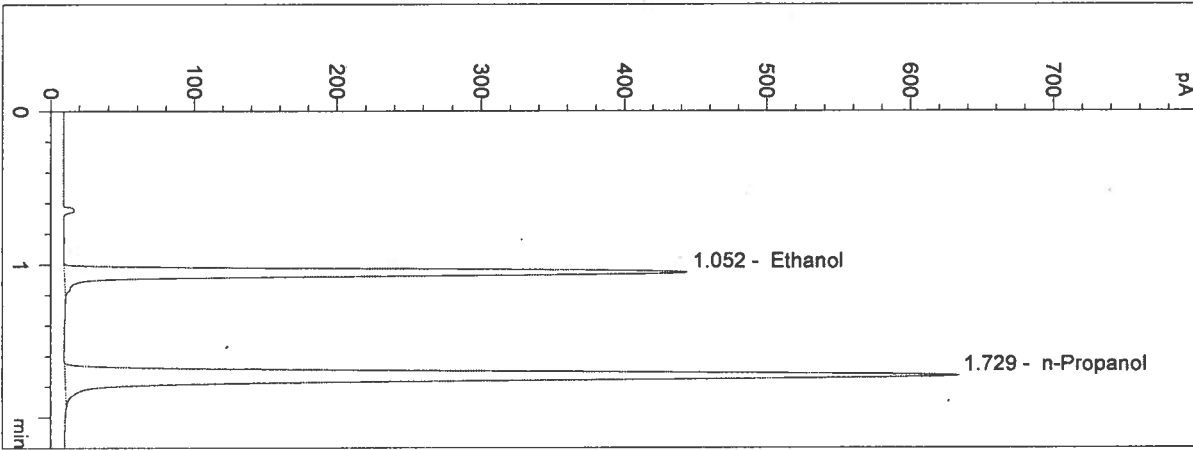


n-Propanol 0.012 g/100mL

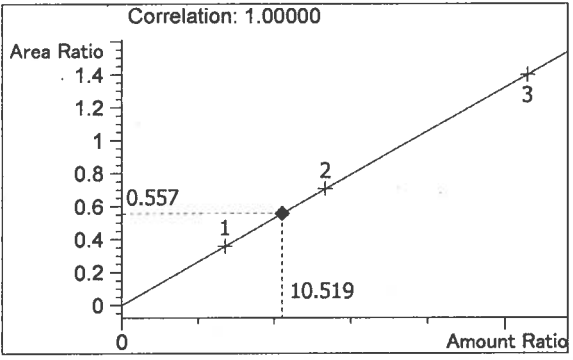
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/5/2014 2:29:41 PM Sample Name: QAP 14028 #2
 Instrument: HSGC 1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 25
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

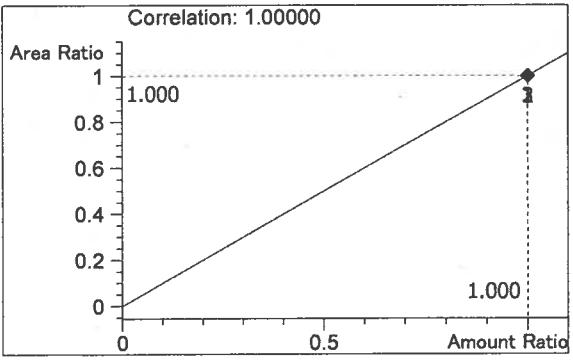
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1379	1.052
2	n-Propanol	2477	1.729



Ethanol 0.126 g/100mL

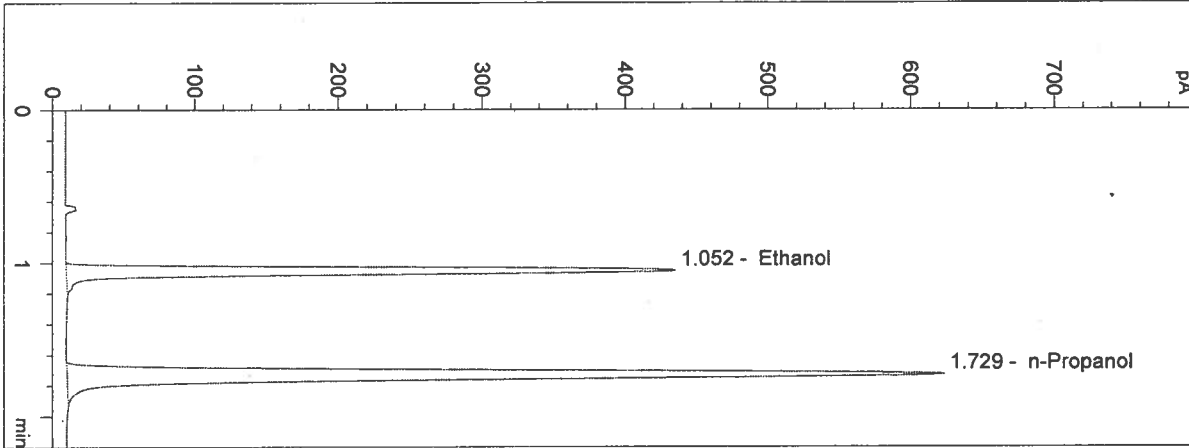


n-Propanol 0.012 g/100mL

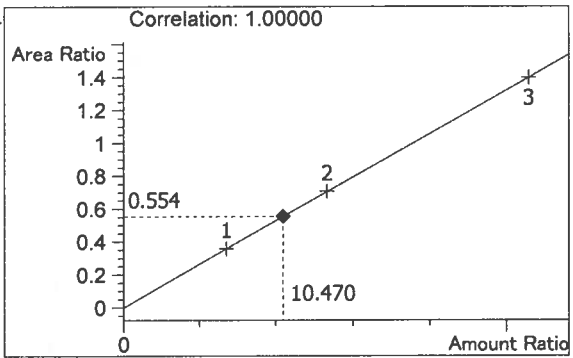
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Inj. Date: 8/5/2014 2:32:56 PM Sample Name: QAP 14028 #3
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 26
Method: C:\CHEM32\1\METHODS\SIMALC1.M

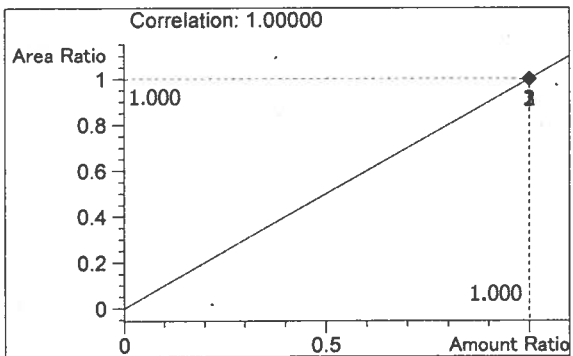
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1356	1.052
2	n-Propanol	2447	1.729



Ethanol 0.126 g/100mL

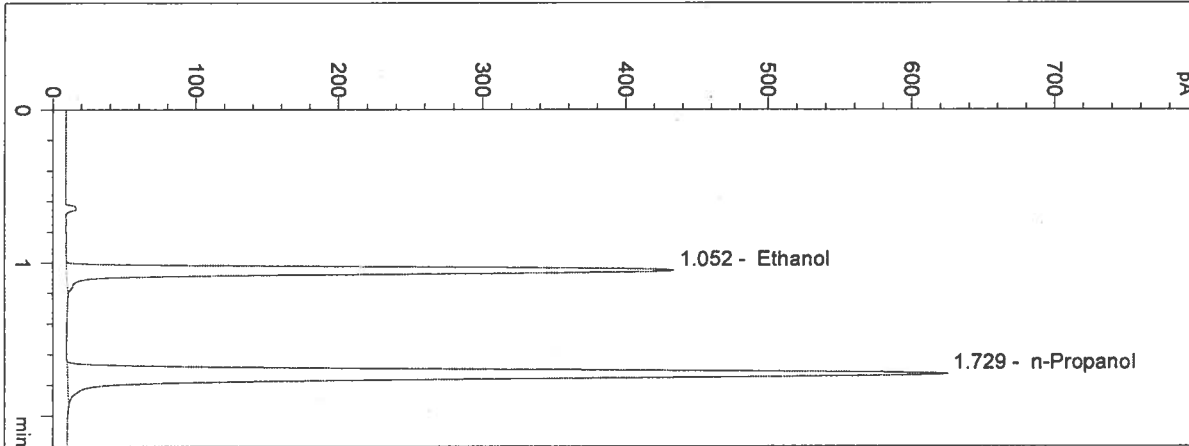


n-Propanol 0.012 g/100mL

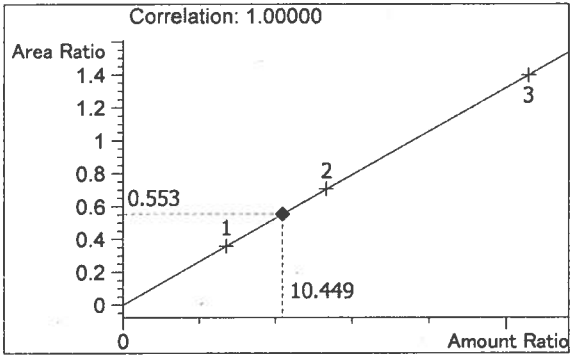
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/5/2014 2:36:08 PM Sample Name: QAP 14028 #4
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 27
Method: C:\CHEM32\1\METHODS\SIMALC1.M

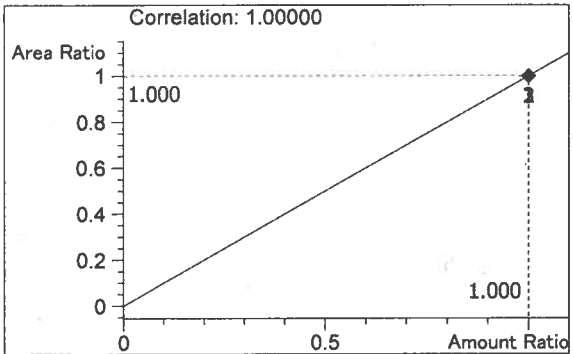
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1363	1.052
2	n-Propanol	2464	1.729



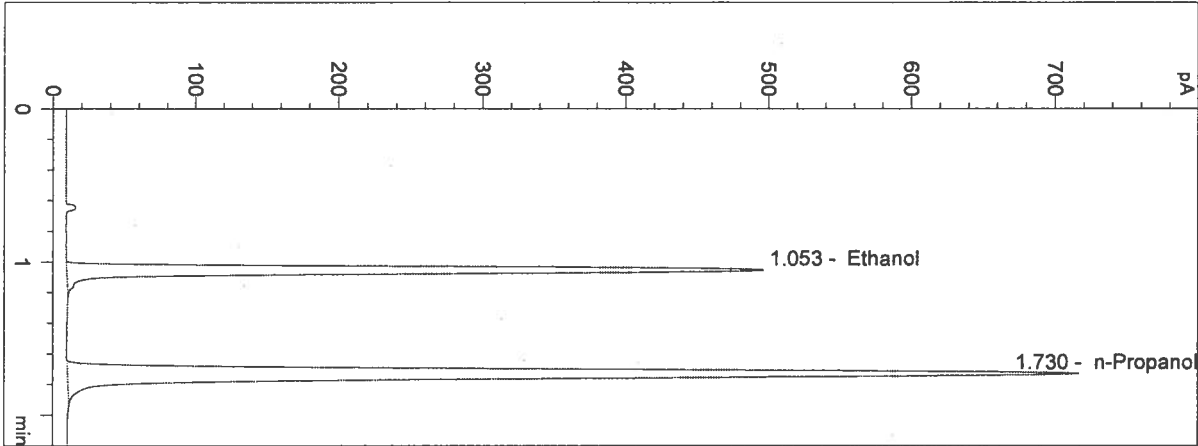
Ethanol 0.125 g/100mL



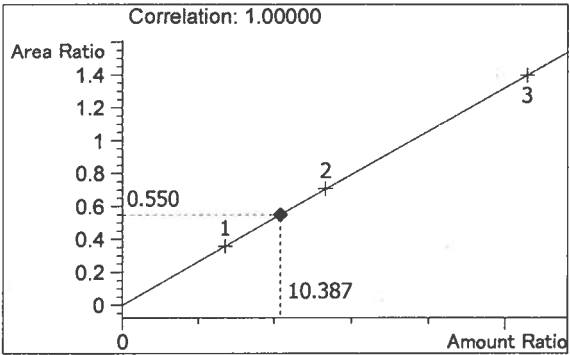
n-Propanol 0.012 g/100mL

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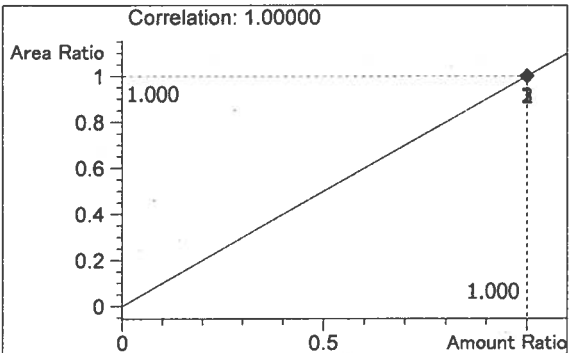
Inj. Date: 8/5/2014 2:39:22 PM Sample Name: QAP 14028 #5
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 28
Method: C:\CHEM32\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1543	1.053
2	n-Propanol	2808	1.730



Ethanol 0.125 g/100mL

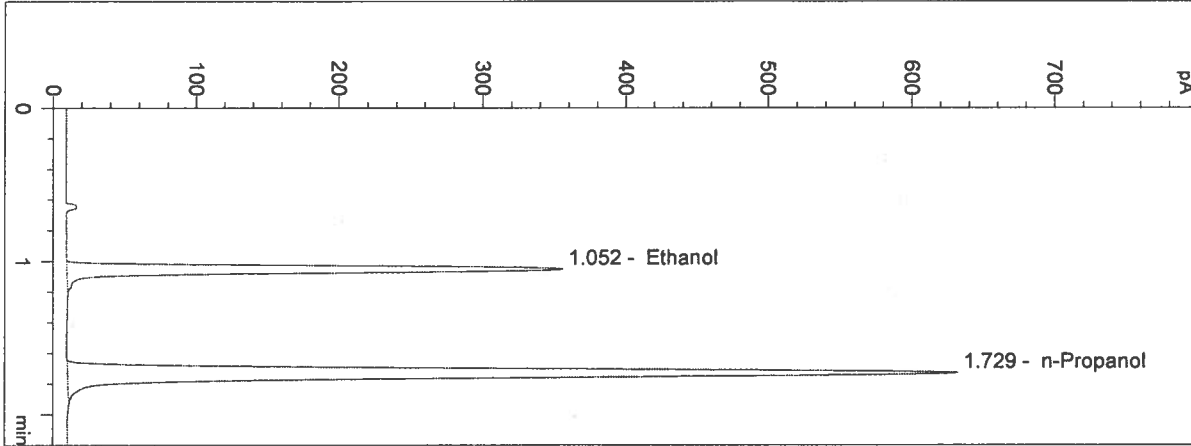


n-Propanol 0.012 g/100mL

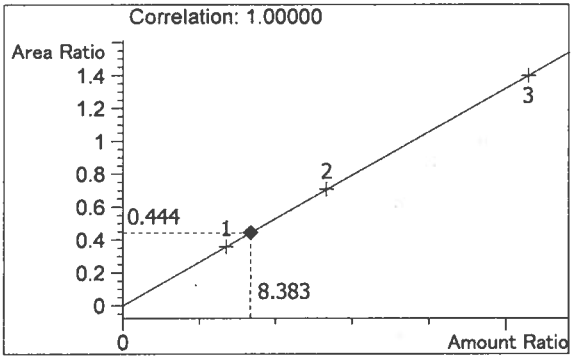
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Inj. Date: 8/5/2014 2:42:34 PM Sample Name: CTRL 2 (0.10)
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 29
Method: C:\CHEM32\1\METHODS\SIMALC1.M

Sample Info:

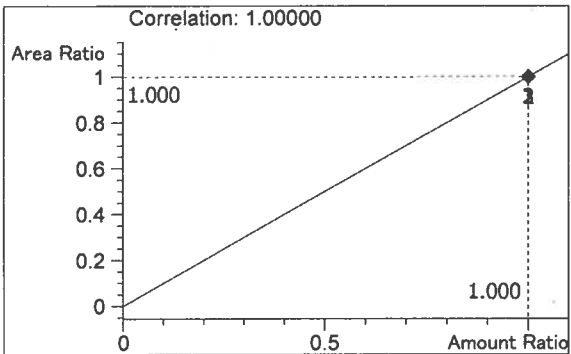


#	Compound	Peak Area	RT (min)
1	Ethanol	1101	1.052
2	n-Propanol	2481	1.729



Ethanol 0.101 g/100mL

14028



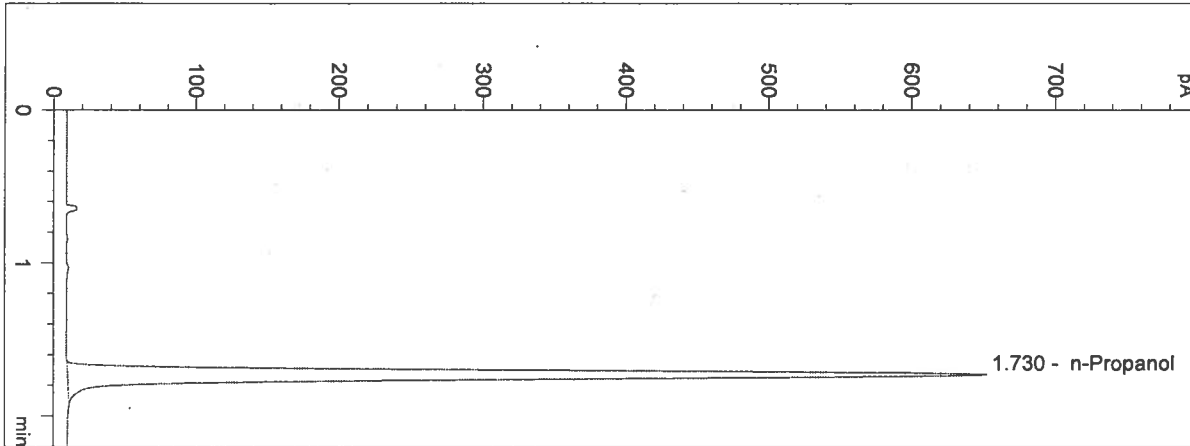
n-Propanol 0.012 g/100mL

AK

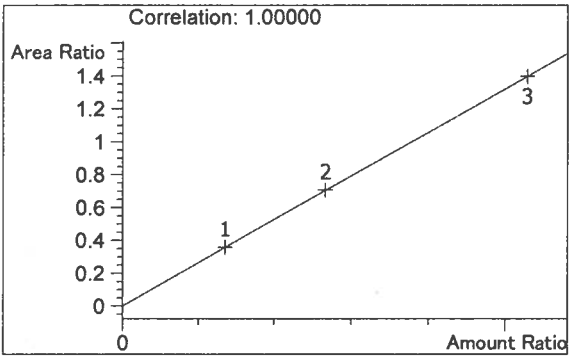
Washington State Patrol Toxicology Laboratory
2203 Airport Way S, Seattle, WA 98134

Inj. Date: 8/5/2014 2:45:50 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 30
Method: C:\CHEM32\1\METHODS\SIMALC1.M

Sample Info:

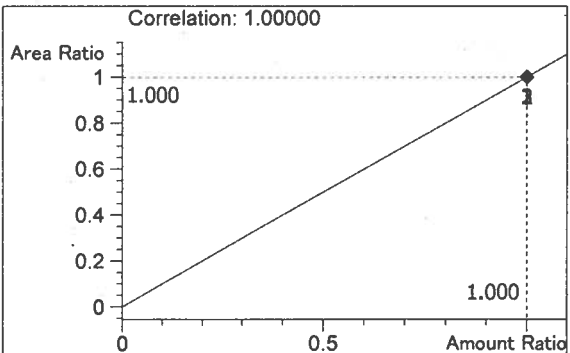


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2558	1.730



Ethanol 0.000 g/100mL

14028



n-Propanol 0.012 g/100mL