



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14024

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: 06/30/2014
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Dawn C. Sklerov

	DCS	AG	JLK
1	0.125	0.125	0.125
2	0.126	0.125	0.125
3	0.123	0.125	0.125
4	0.124	0.125	0.126
5	0.124	0.125	0.125
C	0.102	0.102	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1249 g/100mL PRECISION CV (%): 0.60
STANDARD DEVIATION: 0.00074 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.1015 g/210L
COMBINED STANDARD UNCERTAINTY: ± 0.0011 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

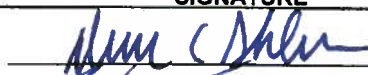
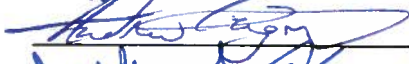
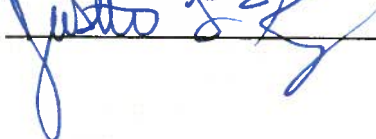


Lisa Noble Forensic Scientist Supervisor



DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
DCS	Dawn C. Sklerov		06/30/2014
AG	Andrew Gingras		07/01/2014
JLK	Justin L. Knoy		07/01/2014

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

QAP Solution Batch #: 14024

Date Prepared: 6/30/2014

Analyst:	DCS	AG	JLK
Date Tested:	6/30/2014	7/1/2014	7/1/2014
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.125	0.125	0.125
2	0.126	0.125	0.125
3	0.123	0.125	0.125
4	0.124	0.125	0.126
5	0.124	0.125	0.125
C	0.102	0.102	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000023619	0.0000107498	0.0001016326

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

Average Solution Concentration: 0.1249 g/100mL
Standard Deviation: 0.00074 g/100mL
Precision CV (%): 0.60
Equivalent Vapor Concentration: 0.1015 g/210L
Combined Standard Uncertainty (\pm): 0.0011 g/210L

Calculations performed by: Lisa Noble J. Noble 7/7/14
Name Signature Date

Calculations verified by: Amanda M. Black AM Black 7-15-14
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble J. Noble 7/7/14
Name Signature Date


SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 7-15-14

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14024

	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: 7-15-14

Reviewer Signature: N/A 08 7-15-14 Date: _____

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras	<i>AG</i>	7/10/14
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Dawn Sklerov	<i>DCS</i>	7.9.14
Justin Kroy	<i>JK</i>	7-10-14
Katie Knorr		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14024

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 14024**

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 qap solution, Lot Number 14024, was prepared in the Washington State Toxicology Laboratory on 6/30/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/30/2015.

Seattle, WA

 7-9-14

Dawn C. Sklerov

Date

Forensic Toxicologist

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 14024**

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 qap solution, Lot Number 14024, was prepared in the Washington State Toxicology Laboratory on 6/30/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/30/2015.

Seattle, WA

Handwritten signature of Andrew Gingras in blue ink, written over a horizontal line. To the right of the signature is the date "7/10/14".

Andrew Gingras
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 14024**

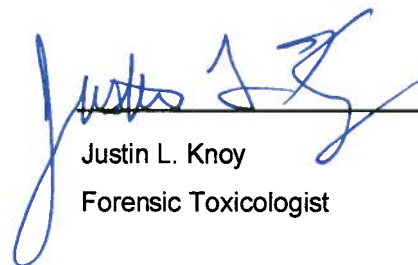
I, Justin L. Knoy, do certify under penalty of perjury that:

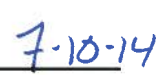
I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

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

The qap solution, Lot Number 14024, was prepared in the Washington State Toxicology Laboratory on 6/30/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 6/30/2015.

Seattle, WA

 Justin L. Knoy
Forensic Toxicologist

 7-10-14
Date

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEETPreparation Date: 6.30.14 Initials of Preparer: DSExpiration Date: 6.30.15Lot # of 200-proof Ethanol used in preparation: 2CB0070Date the 200-proof Ethanol bottle was opened: 6.30.14

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>14022</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14023</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14024</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>14025</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>
		Stir bar is rotating	<input checked="" type="checkbox"/>	
		Stirred for minimum 30 minutes; 2 hours for ESS	<input checked="" type="checkbox"/>	
		Spigot purged	<input checked="" type="checkbox"/>	
		Aliquot taken	<input checked="" type="checkbox"/>	
		Batch labeled, packaged and sealed	<input checked="" type="checkbox"/>	<u>6.30.14</u> 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:

David Shih
Analyst Signature

6.30.14
Date

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\DSQAP.S
 Operator : Dawn Sklerov
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140630DS
 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

2 to 7/14
 14020
 14023
 14024
 14025

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	
10	Vial 10	QAP 14022 #1	SIMALC1	1	Sample	

DS

Line	Location	SampleName DataFile LimsID	Method	Inj	SampleType	InjVolume
11	Vial 11	QAP 14022 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14022 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14022 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14022 #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 14023 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14023 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14023 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14023 #4	SIMALC1	1	Sample	
21	Vial 21	QAP 14023 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	
24	Vial 24	QAP 14024 #1	SIMALC1	1	Sample	
25	Vial 25	QAP 14024 #2	SIMALC1	1	Sample	
26	Vial 26	QAP 14024 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14024 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14024 #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 14025 #1	SIMALC1	1	Sample	
32	Vial 32	QAP 14025 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14025 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14025 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14025 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

DS

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!

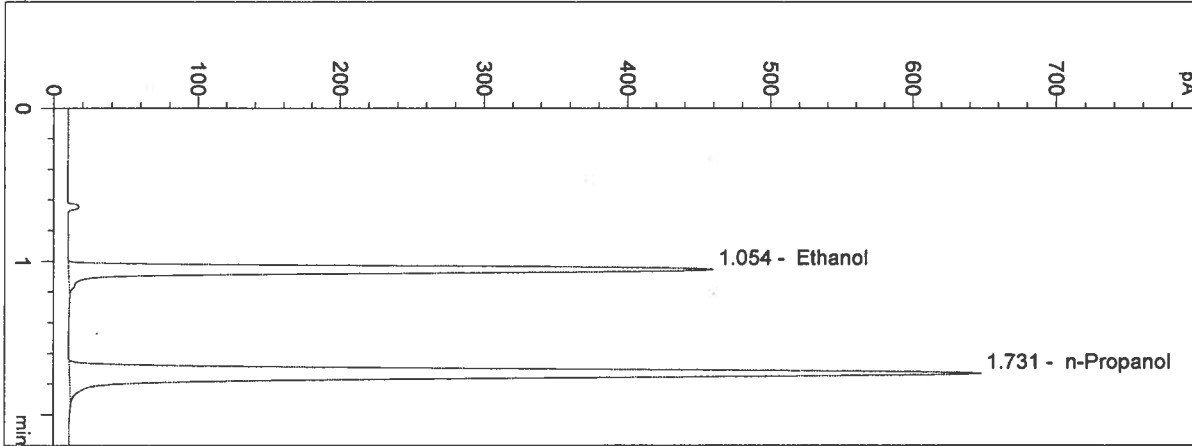
14022
- 14023
14024 R-7/14
~~14024~~
- 14025

DS

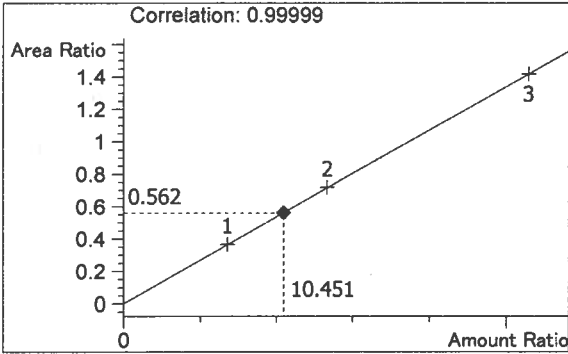
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:36:20 AM Sample Name: QAP 14024 #1
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 24
Method: C:\CHEM32\1\METHODS\SIMALC1.M

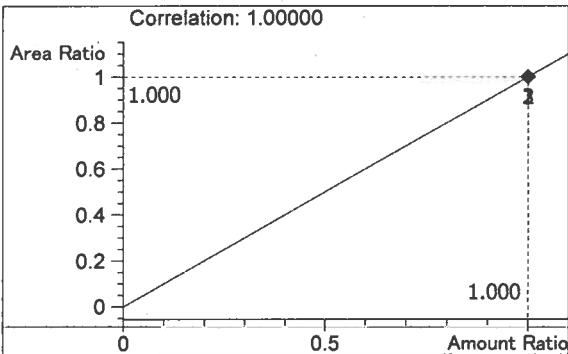
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1425	1.054
2	n-Propanol	2535	1.731



Ethanol 0.125 g/100mL



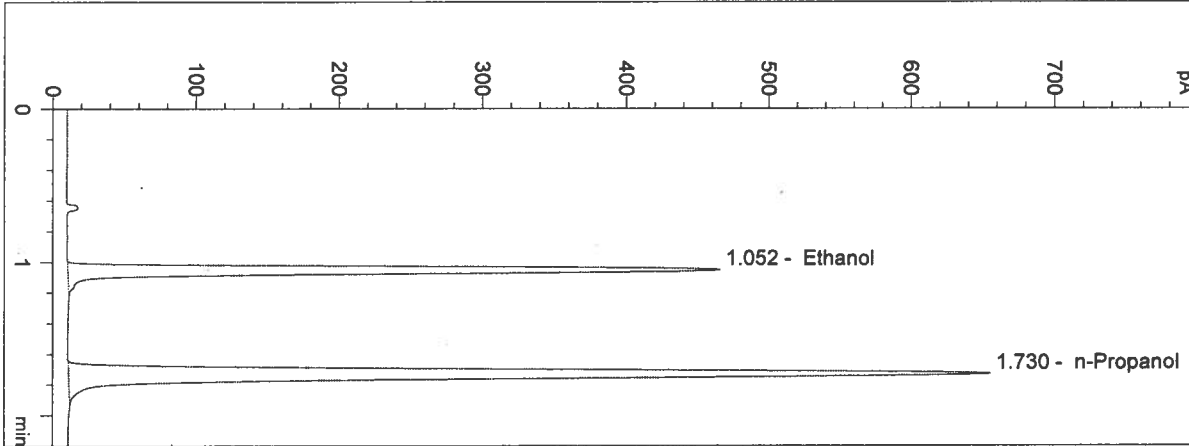
n-Propanol 0.012 g/100mL

05

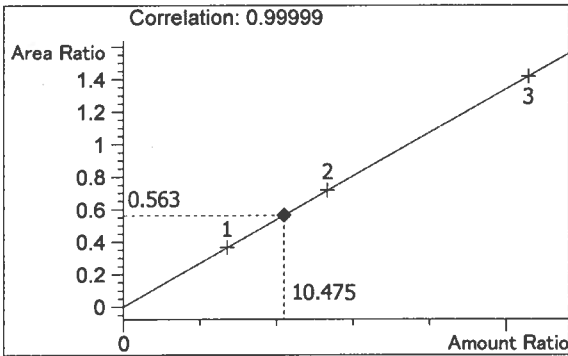
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:39:33 AM Sample Name: QAP 14024 #2
 Instrument: HSGC 1 Operator: Dawn Sklerov
 Column: DB-ALC1 Location: Vial 25
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

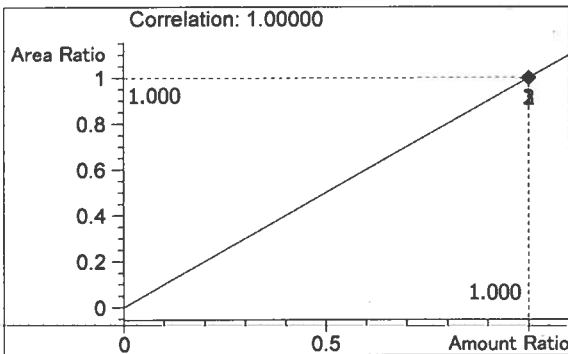
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1443	1.052
2	n-Propanol	2562	1.730



Ethanol 0.126 g/100mL



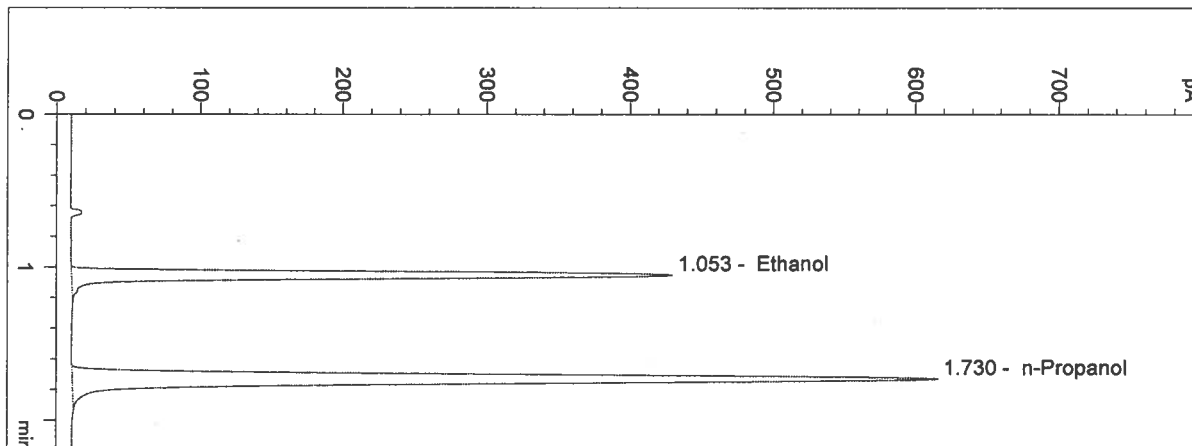
n-Propanol 0.012 g/100mL

OS

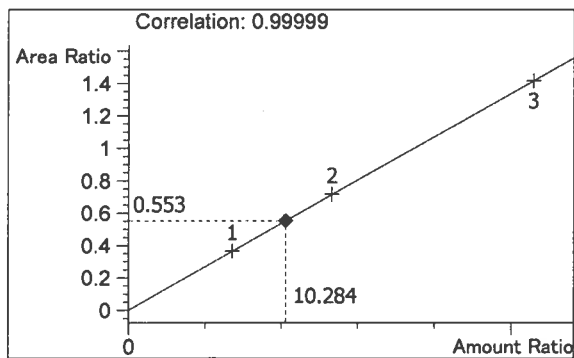
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:42:46 AM Sample Name: QAP 14024 #3
 Instrument: HSGC 1 Operator: Dawn Sklerov
 Column: DB-ALC1 Location: Vial 26
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

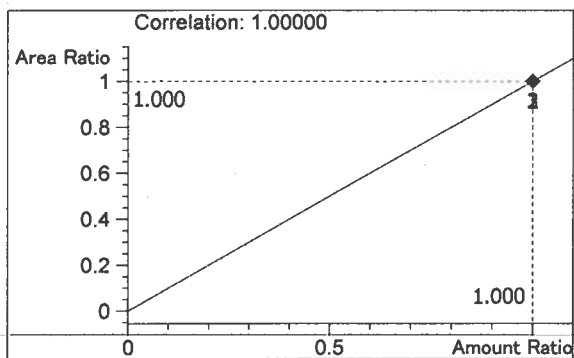
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1331	1.053
2	n-Propanol	2407	1.730



Ethanol 0.123 g/100mL



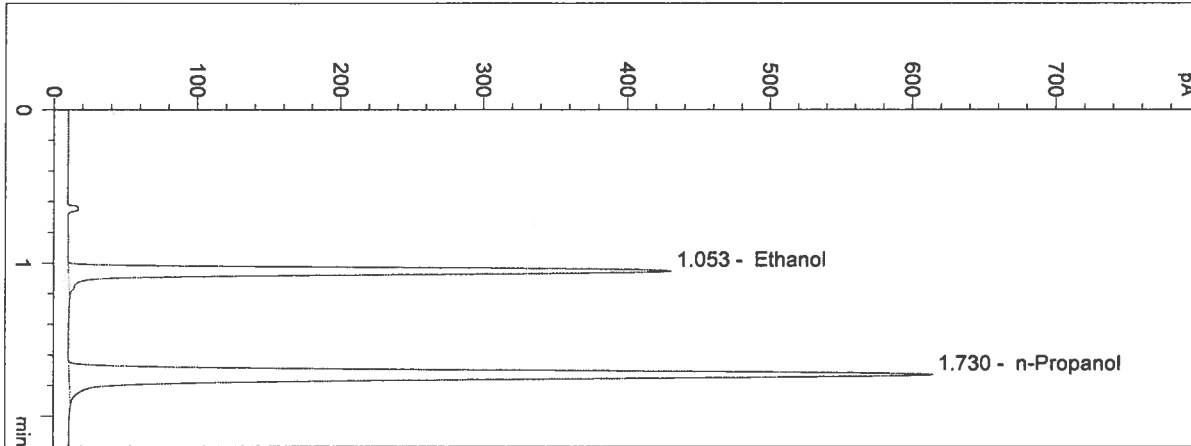
n-Propanol 0.012 g/100mL

05

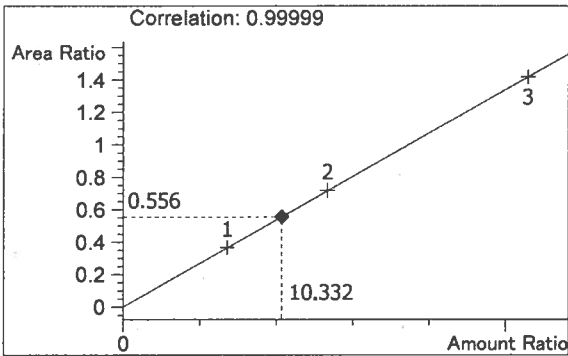
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:46:00 AM Sample Name: QAP 14024 #4
Instrument: HSGC 1 Operator: Dawn Sklerov
Column: DB-ALC1 Location: Vial 27
Method: C:\CHEM32\1\METHODS\SIMALC1.M

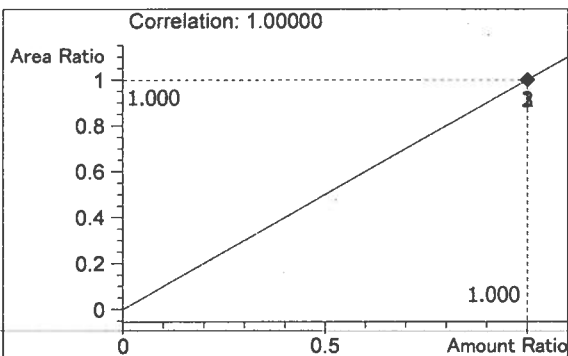
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1336	1.053
2	n-Propanol	2404	1.730



Ethanol 0.124 g/100mL



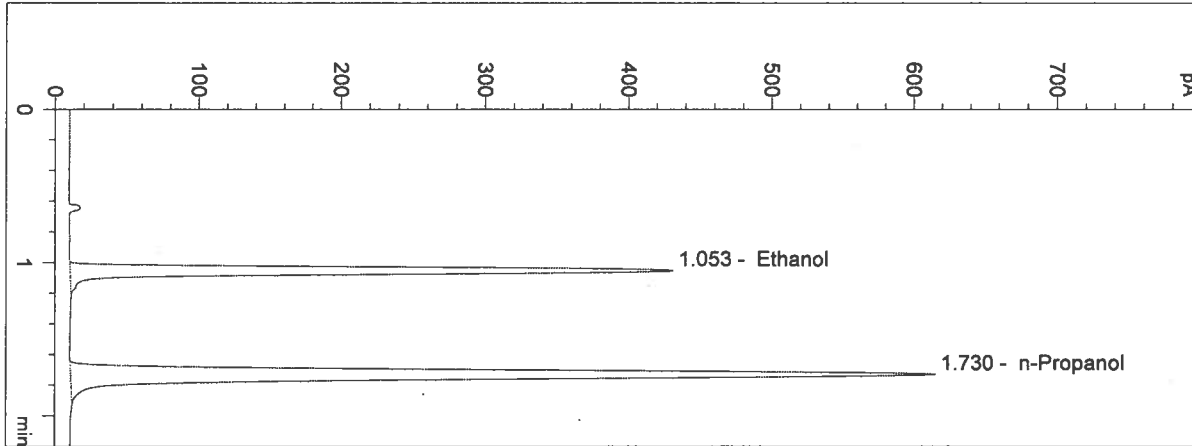
n-Propanol 0.012 g/100mL

05

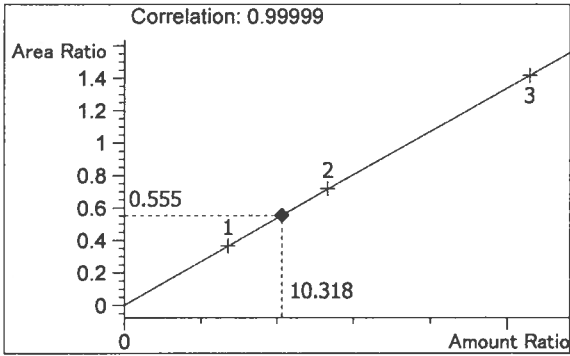
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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:49:13 AM Sample Name: QAP 14024 #5
 Instrument: HSGC 1 Operator: Dawn Sklerov
 Column: DB-ALC1 Location: Vial 28
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

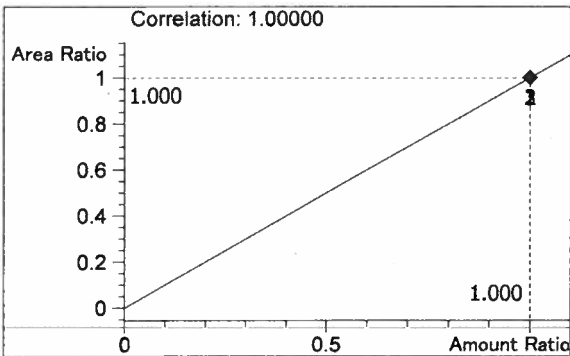
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1338	1.053
2	n-Propanol	2411	1.730



Ethanol 0.124 g/100mL



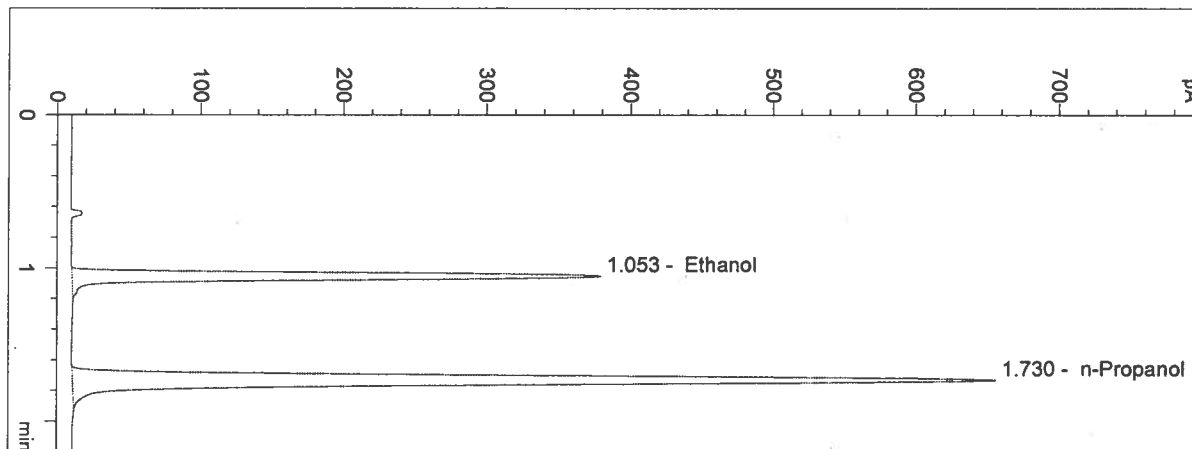
n-Propanol 0.012 g/100mL

DS

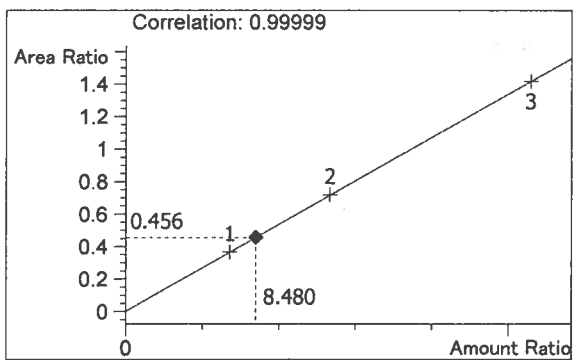
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:52:25 AM Sample Name: CTRL 2 (0.10)
 Instrument: HSGC 1 Operator: Dawn Sklerov
 Column: DB-ALC1 Location: Vial 29
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

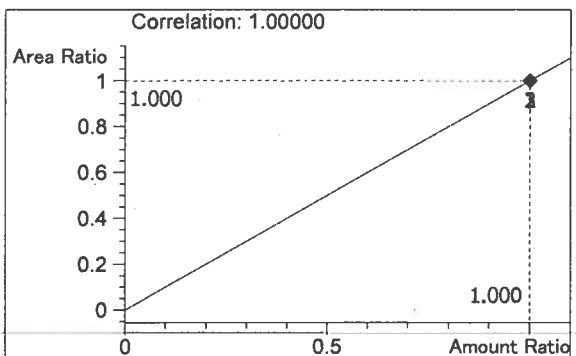
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1172	1.053
2	n-Propanol	2567	1.730



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

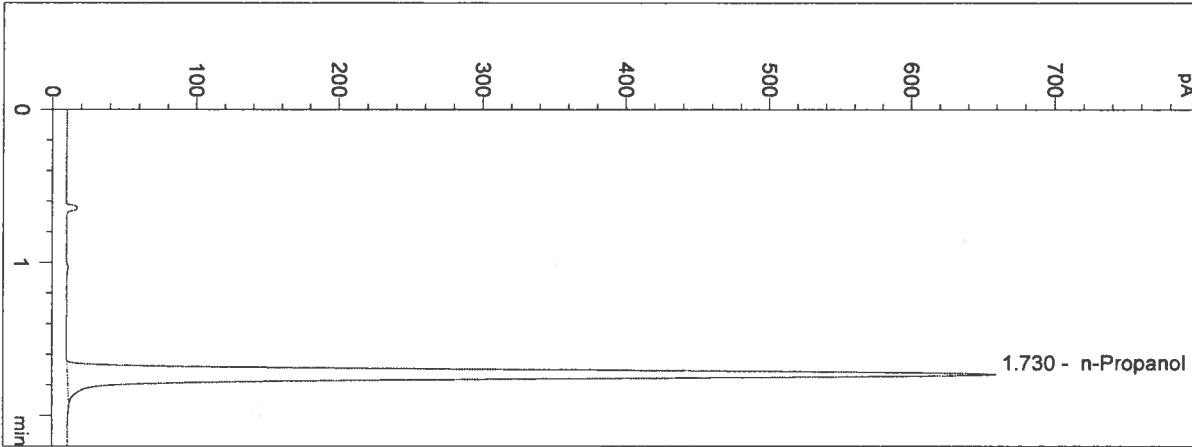
14024

05

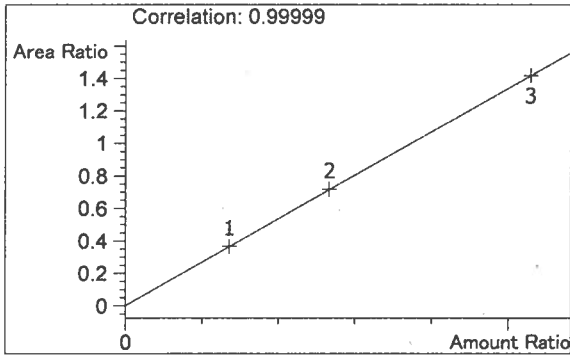
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2014 11:55:39 AM Sample Name: NEG CTRL
 Instrument: HSGC 1 Operator: Dawn Sklerov
 Column: DB-ALC1 Location: Vial 30
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

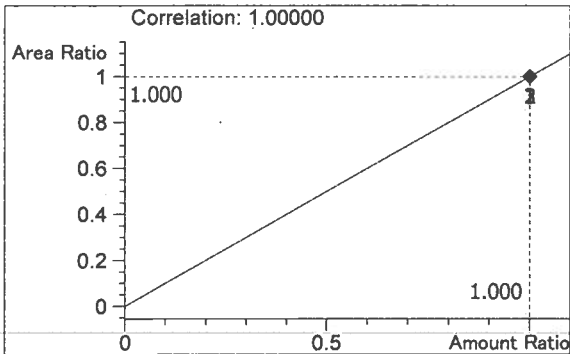
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2579	1.730



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14024

OS

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\AGQAP.S
 Operator : Andrew Gingras
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140701AG
 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

14021
 - 14022
 14023
 14024
 14025

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	ESS 14021 #1	SIMALC1	1	Sample	
11	Vial 11	ESS 14021 #2	SIMALC1	1	Sample	
12	Vial 12	ESS 14021 #3	SIMALC1	1	Sample	
13	Vial 13	ESS 14021 #4	SIMALC1	1	Sample	
14	Vial 14	ESS 14021 #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 14022 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14022 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14022 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14022 #4	SIMALC1	1	Sample	
21	Vial 21	QAP 14022 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	14021
24	Vial 24	QAP 14023 #1	SIMALC1	1	Sample	14022
25	Vial 25	QAP 14023 #2	SIMALC1	1	Sample	1402
26	Vial 26	QAP 14023 #3	SIMALC1	1	Sample	14024
27	Vial 27	QAP 14023 #4	SIMALC1	1	Sample	14025
28	Vial 28	QAP 14023 #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 14024#1	SIMALC1	1	Sample	
32	Vial 32	QAP 14024 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14024 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14024 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14024 #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 14025 #1	SIMALC1	1	Sample	
39	Vial 39	QAP 14025 #2	SIMALC1	1	Sample	
40	Vial 40	QAP 14025 #3	SIMALC1	1	Sample	
41	Vial 41	QAP 14025 #4	SIMALC1	1	Sample	
42	Vial 42	QAP 14025 #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):

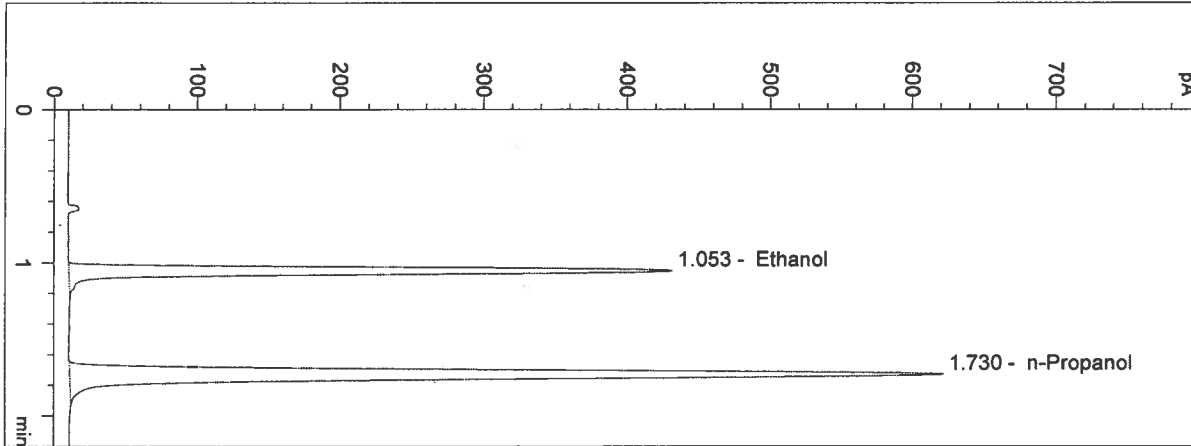
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14021
14022
14023
14024
14025

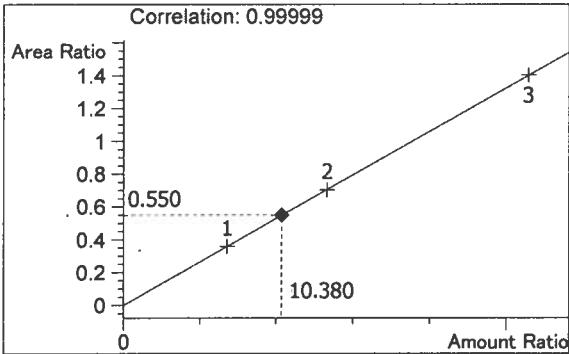
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:14:34 AM Sample Name: QAP 14024#1
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 31
Method: C:\CHEM32\1\METHODS\SIMALC1.M

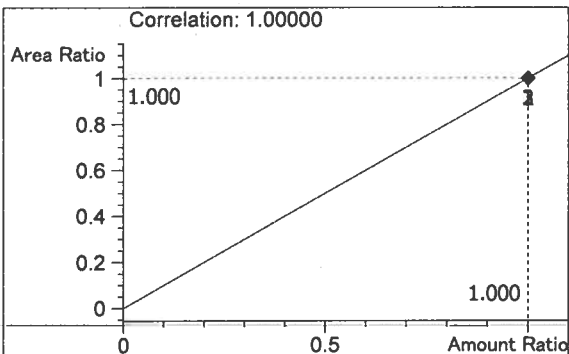
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.053
2	n-Propanol	2432	1.730



Ethanol 0.125 g/100mL

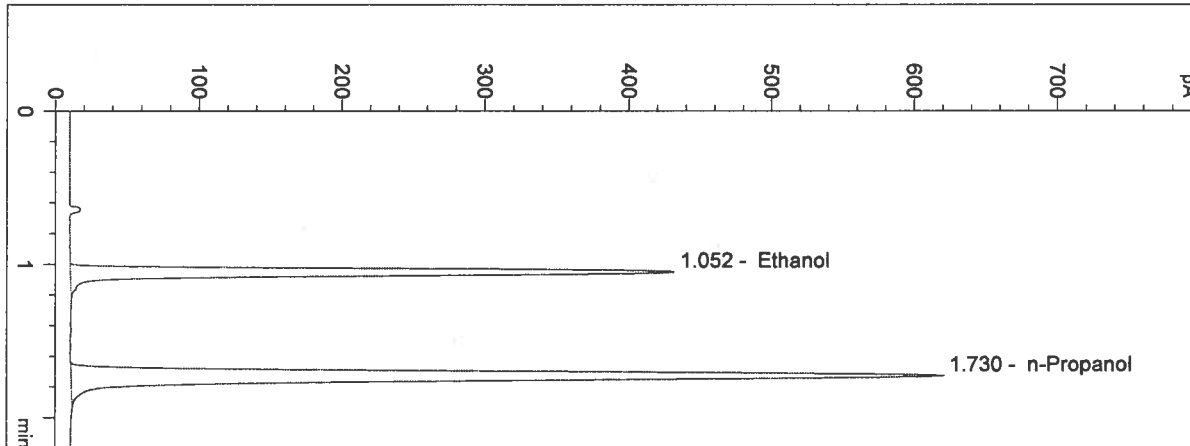


n-Propanol 0.012 g/100mL

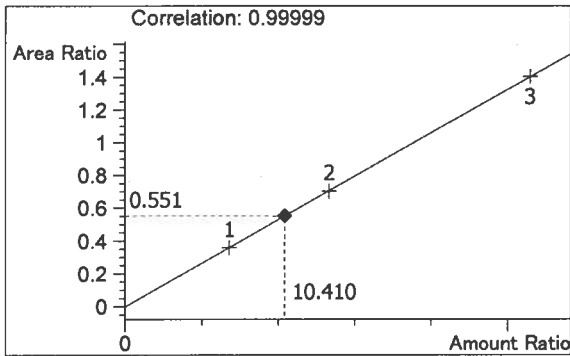
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:17:47 AM Sample Name: QAP 14024 #2
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 32
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

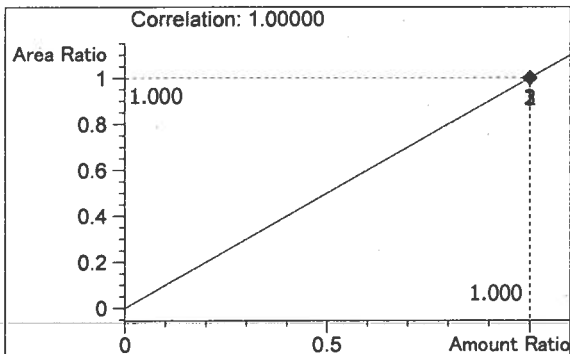
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1338	1.052
2	n-Propanol	2427	1.730



Ethanol 0.125 g/100mL

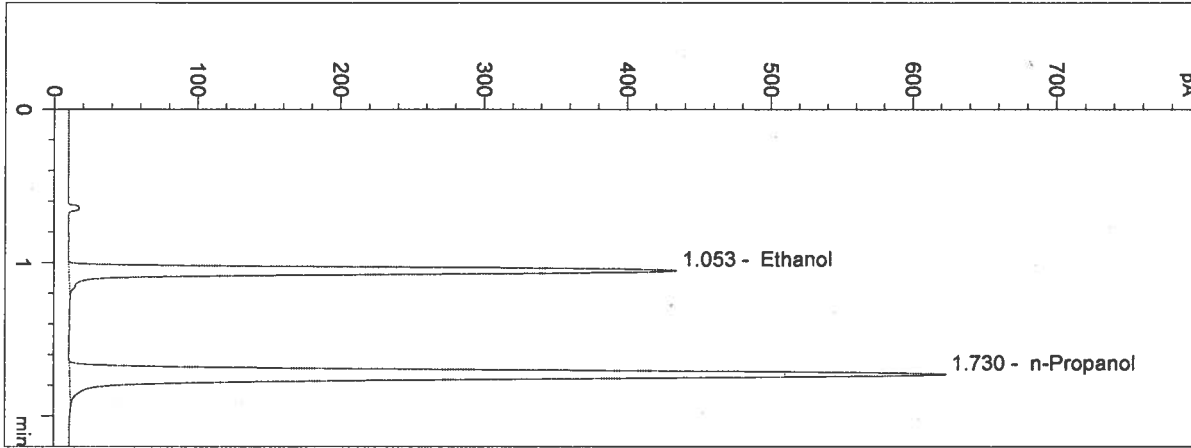


n-Propanol 0.012 g/100mL

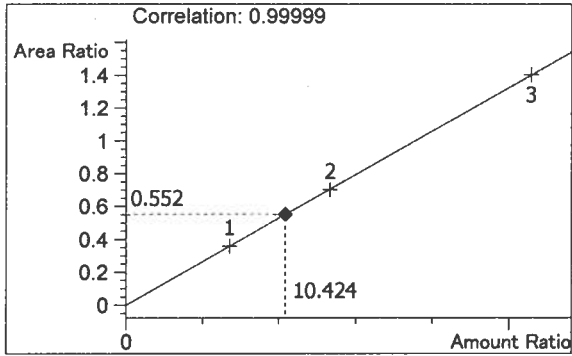
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:21:01 AM Sample Name: QAP 14024 #3
Instrument: HSGC 1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 33
Method: C:\CHEM32\1\METHODS\SIMALC1.M

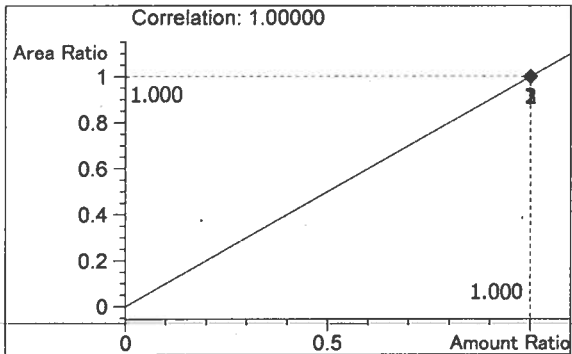
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.053
2	n-Propanol	2437	1.730



Ethanol 0.125 g/100mL

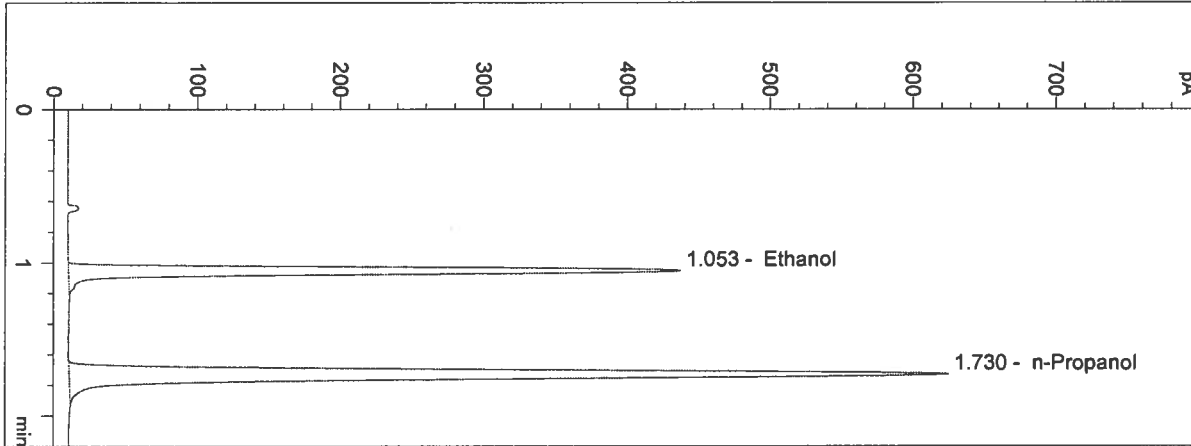


n-Propanol 0.012 g/100mL

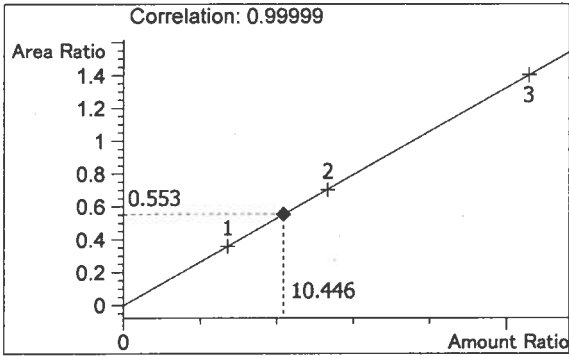
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:24:14 AM Sample Name: QAP 14024 #4
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 34
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

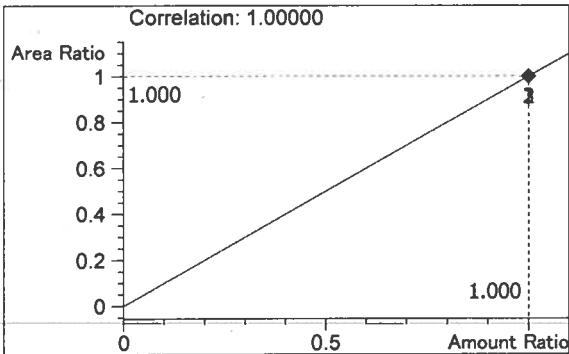
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1353	1.053
2	n-Propanol	2446	1.730



Ethanol 0.125 g/100mL

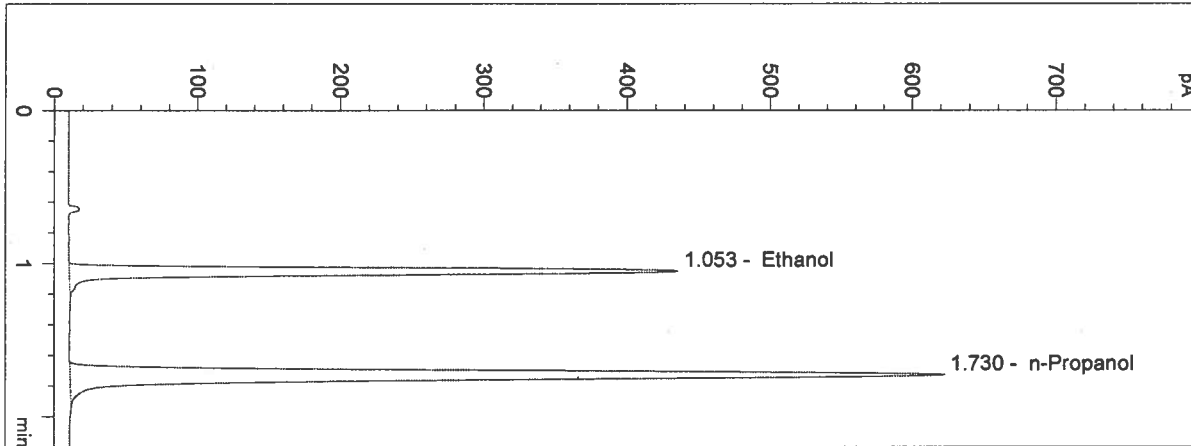


n-Propanol 0.012 g/100mL

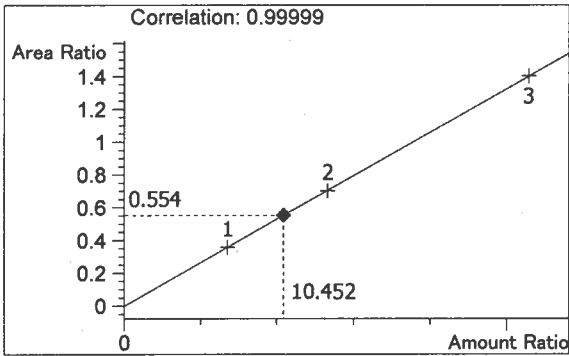
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:27:27 AM Sample Name: QAP 14024 #5
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 35
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

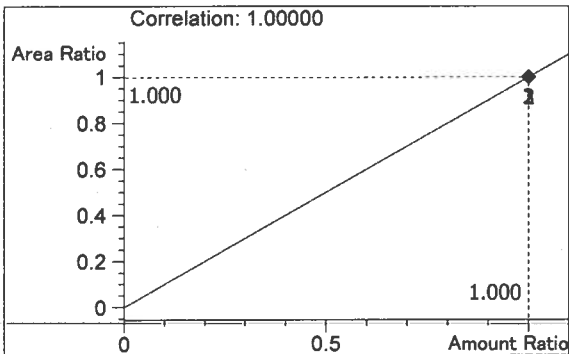
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.053
2	n-Propanol	2430	1.730



Ethanol 0.125 g/100mL

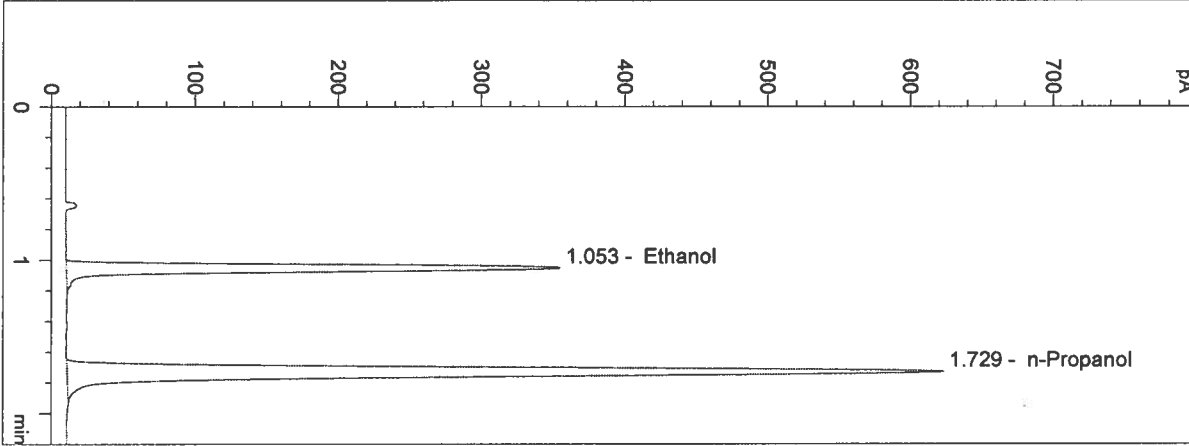


n-Propanol 0.012 g/100mL

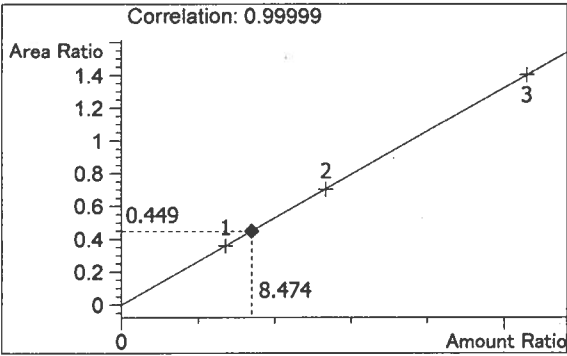
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:30:39 AM Sample Name: CTRL 2 (0.10)
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 36
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

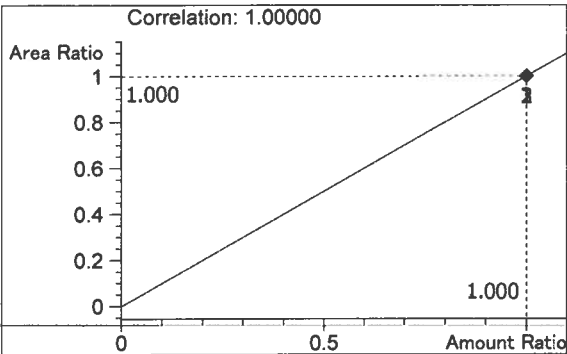
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.053
2	n-Propanol	2442	1.729



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

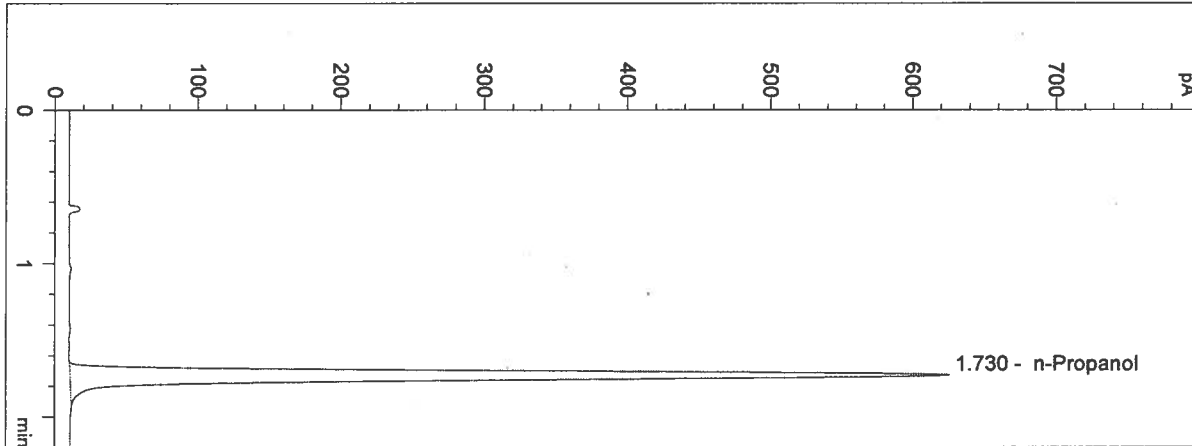
14024

AG

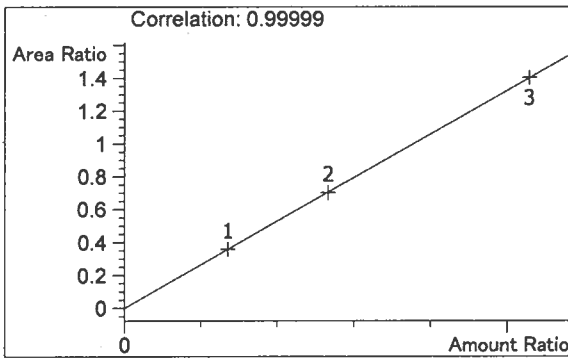
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 11:33:53 AM Sample Name: NEG CTRL
 Instrument: HSGC 1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 37
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

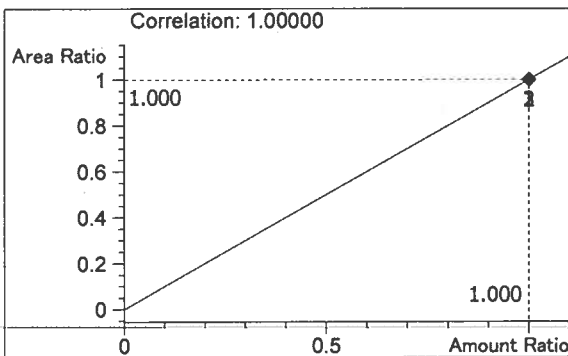
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2445	1.730



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14024

AG

Sequence Parameters:

Sequence : C:\CHEM32\1\SEQUENCE\JKQAP.S
 Operator : Justin Knoy
 Data File Naming : Auto
 Data Directory : C:\Chem32\1\DATA\
 Data Subdirectory : 140701JK
 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

14022
 14023
 14024
 14025

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 14022 #1	SIMALC1	1	Sample	
11	Vial 11	QAP 14022 #2	SIMALC1	1	Sample	
12	Vial 12	QAP 14022 #3	SIMALC1	1	Sample	
13	Vial 13	QAP 14022 #4	SIMALC1	1	Sample	
14	Vial 14	QAP 14022 #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 14023 #1	SIMALC1	1	Sample	
18	Vial 18	QAP 14023 #2	SIMALC1	1	Sample	
19	Vial 19	QAP 14023 #3	SIMALC1	1	Sample	
20	Vial 20	QAP 14023 #4	SIMALC1	1	Sample	
21	Vial 21	QAP 14023 #5	SIMALC1	1	Sample	
22	Vial 22	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp	
24	Vial 24	QAP 14024 #1	SIMALC1	1	Sample	
25	Vial 25	QAP 14024 #2	SIMALC1	1	Sample	
26	Vial 26	QAP 14024 #3	SIMALC1	1	Sample	
27	Vial 27	QAP 14024 #4	SIMALC1	1	Sample	
28	Vial 28	QAP 14024 #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 14025 #1	SIMALC1	1	Sample	
32	Vial 32	QAP 14025 #2	SIMALC1	1	Sample	
33	Vial 33	QAP 14025 #3	SIMALC1	1	Sample	
34	Vial 34	QAP 14025 #4	SIMALC1	1	Sample	
35	Vial 35	QAP 14025 #5	SIMALC1	1	Sample	
36	Vial 36	CTRL 2 (0.10)	SIMALC1	1	Ctrl Samp	
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp	

MC

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!

14022
14023
14024

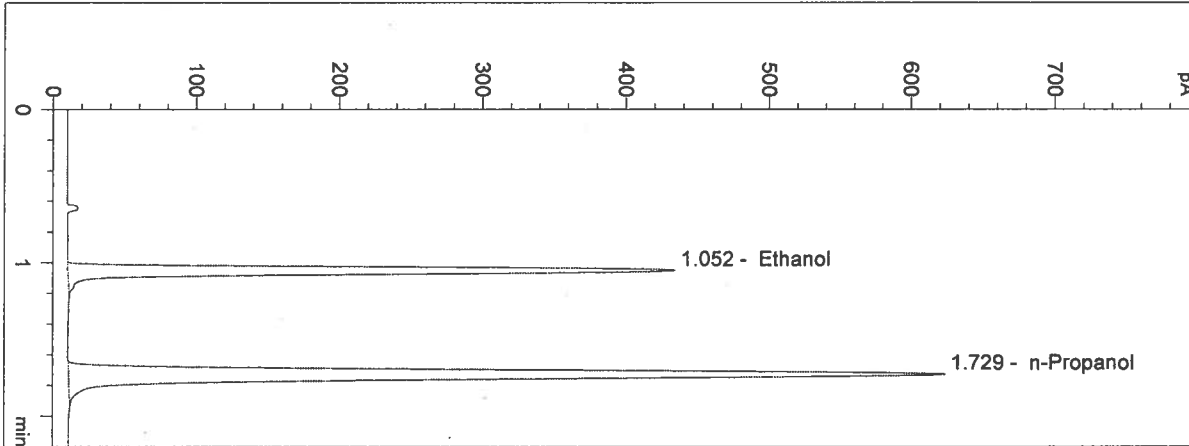
14025

JK

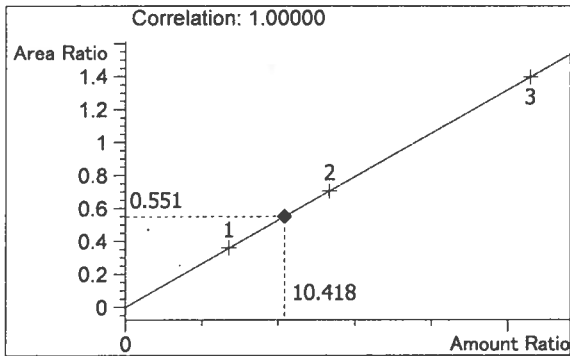
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:42:59 PM Sample Name: QAP 14024 #1
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 24
Method: C:\CHEM32\1\METHODS\SIMALC1.M

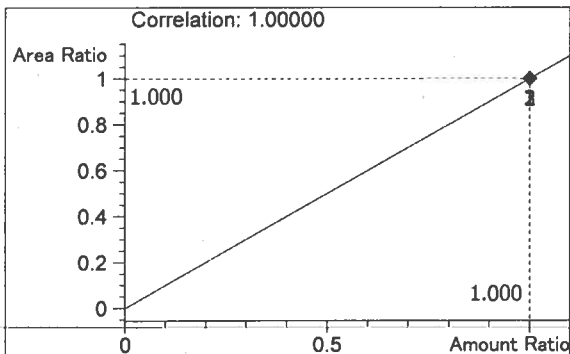
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1342	1.052
2	n-Propanol	2436	1.729



Ethanol 0.125 g/100mL



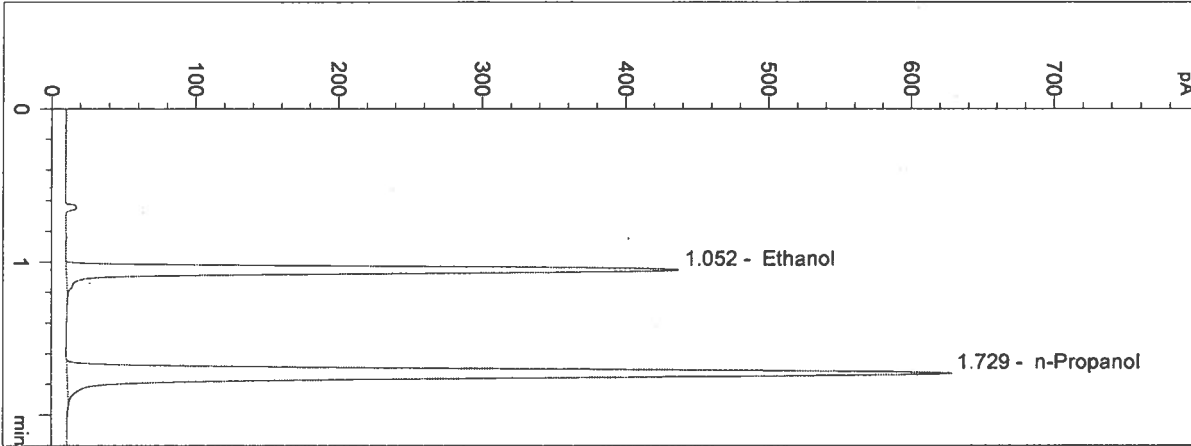
n-Propanol 0.012 g/100mL

Handwritten signature

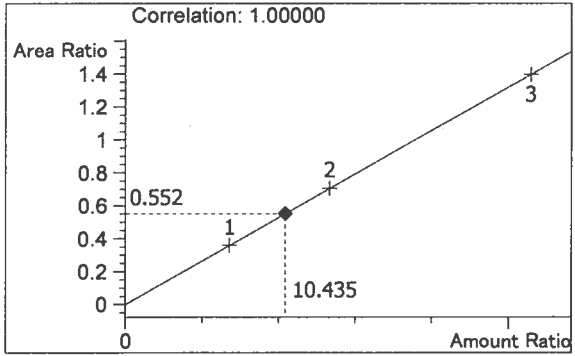
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:46:11 PM Sample Name: QAP 14024 #2
 Instrument: HSGC 1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 25
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

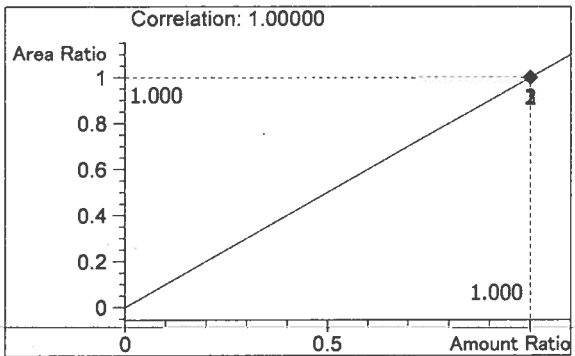
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1354	1.052
2	n-Propanol	2453	1.729



Ethanol 0.125 g/100mL



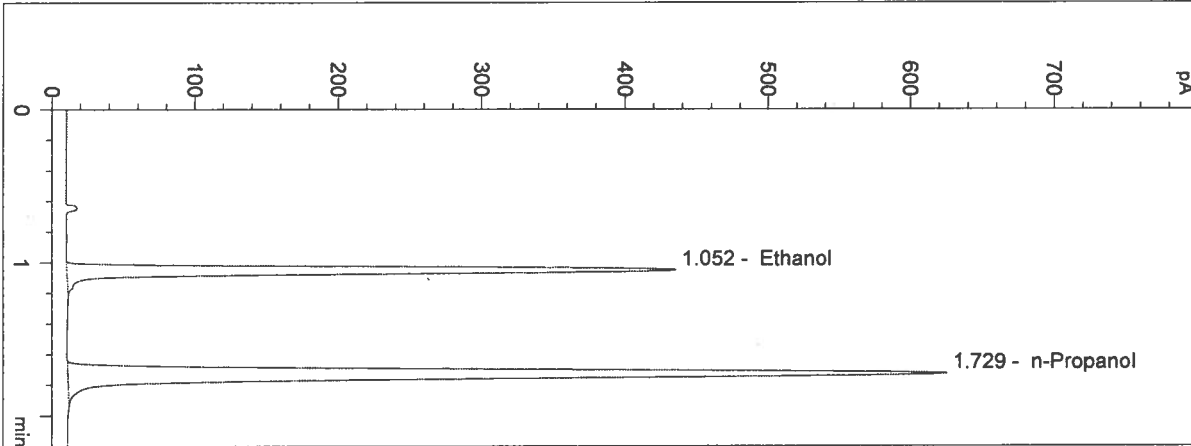
n-Propanol 0.012 g/100mL

JK

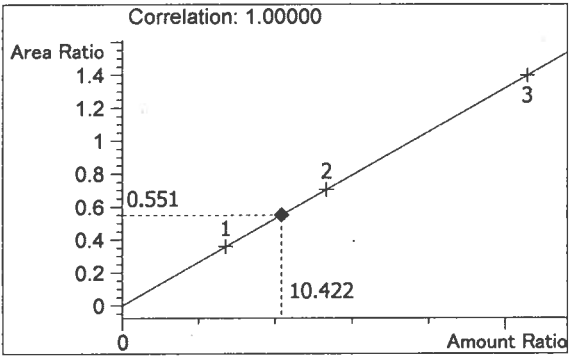
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:49:26 PM Sample Name: QAP 14024 #3
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 26
Method: C:\CHEM32\1\METHODS\SIMALC1.M

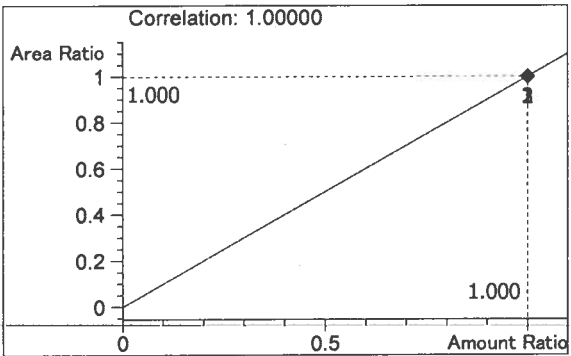
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1345	1.052
2	n-Propanol	2441	1.729



Ethanol 0.125 g/100mL



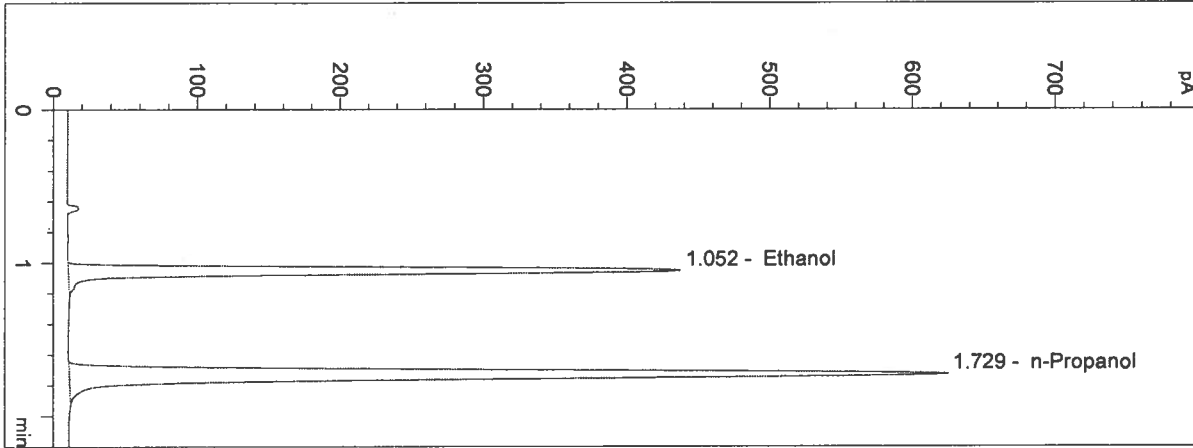
n-Propanol 0.012 g/100mL

1/4

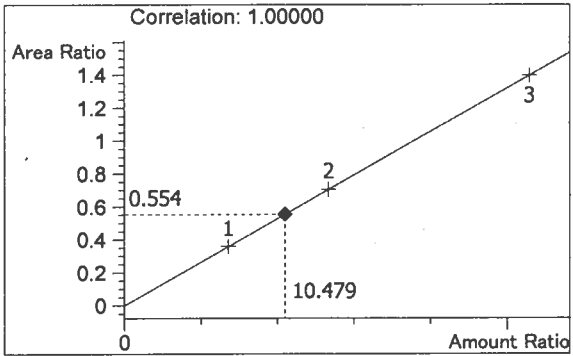
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:52:39 PM Sample Name: QAP 14024 #4
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 27
Method: C:\CHEM32\1\METHODS\SIMALC1.M

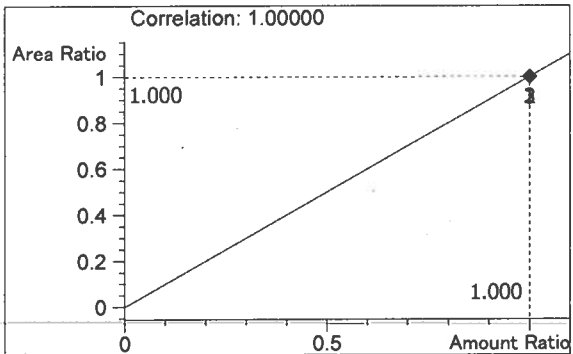
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1351	1.052
2	n-Propanol	2437	1.729



Ethanol 0.126 g/100mL



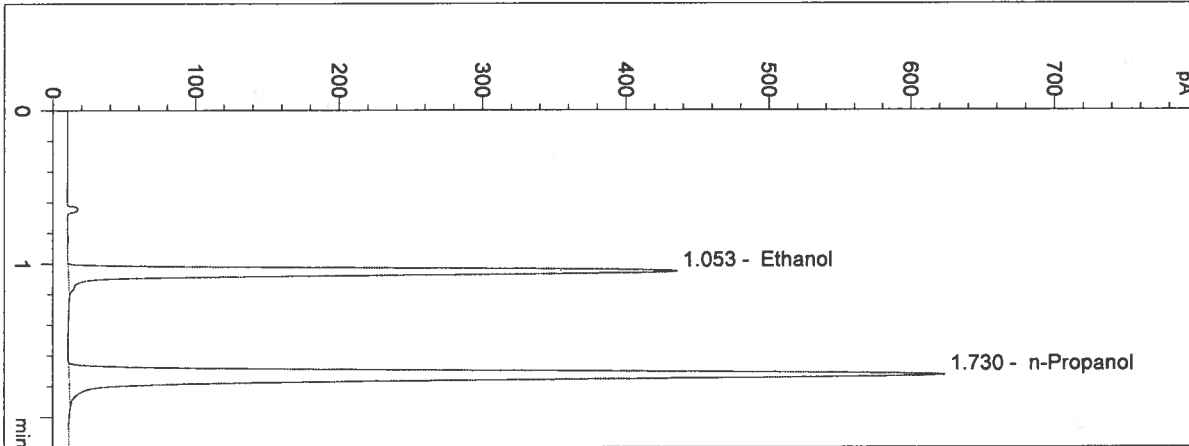
n-Propanol 0.012 g/100mL

JK

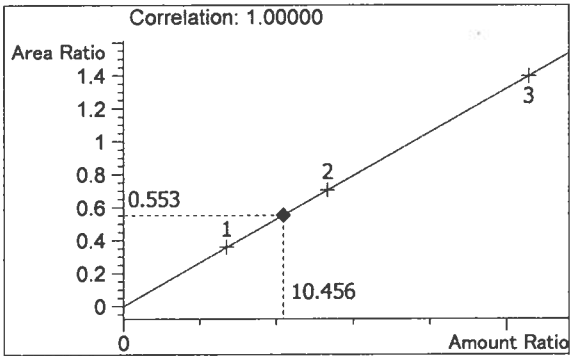
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:55:52 PM Sample Name: QAP 14024 #5
 Instrument: HSGC 1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 28
 Method: C:\CHEM32\1\METHODS\SIMALC1.M

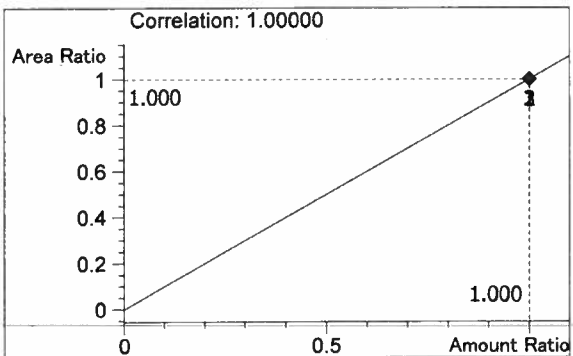
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.053
2	n-Propanol	2439	1.730



Ethanol 0.125 g/100mL



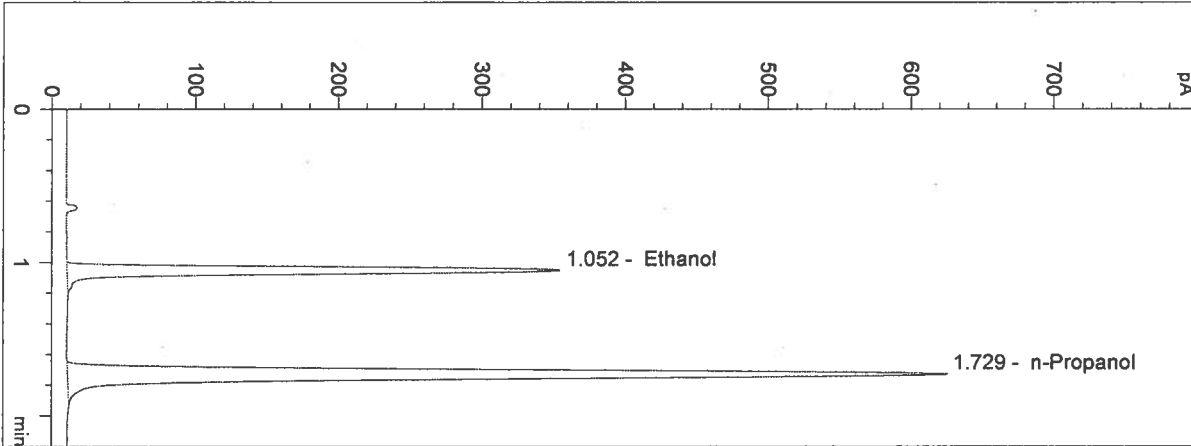
n-Propanol 0.012 g/100mL

Handwritten mark

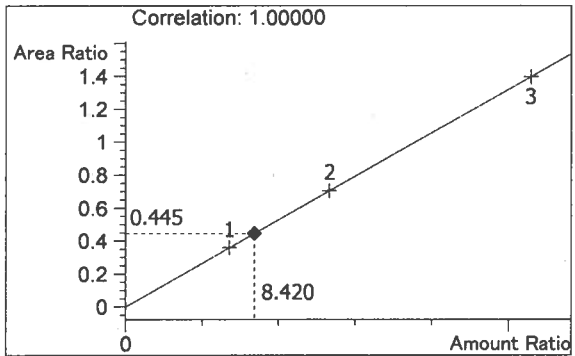
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 5:59:06 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

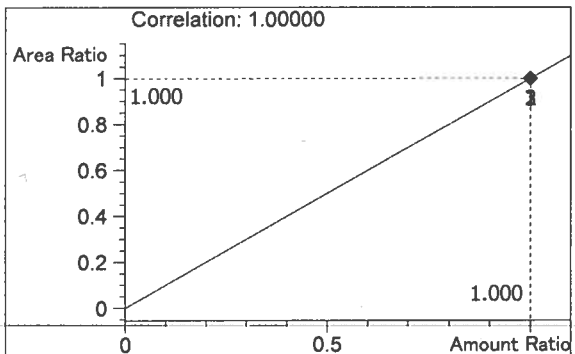
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1085	1.052
2	n-Propanol	2435	1.729



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

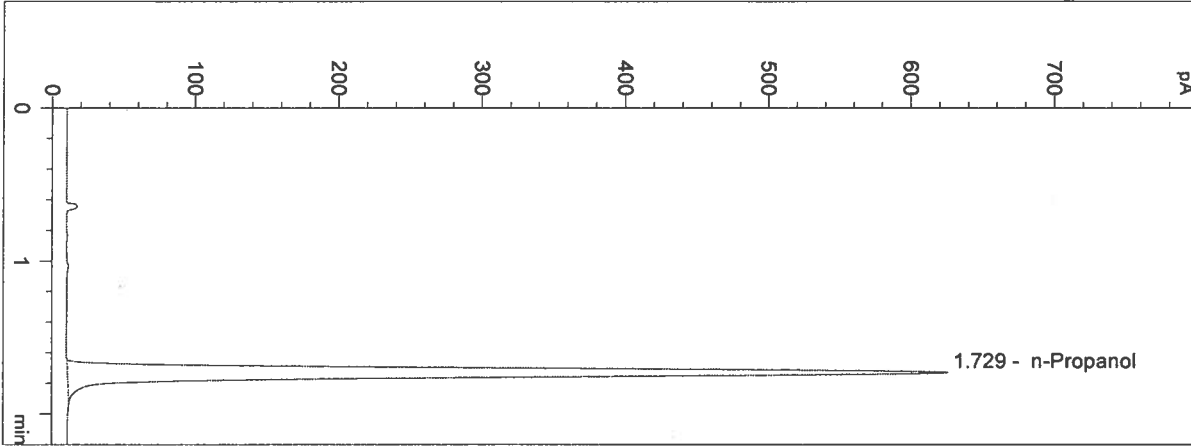
14024

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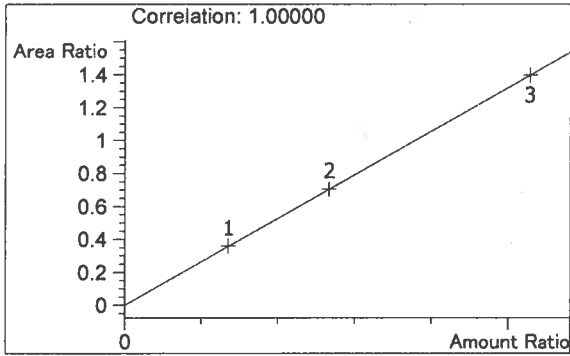
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2014 6:02:18 PM Sample Name: NEG CTRL
Instrument: HSGC 1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 30
Method: C:\CHEM32\1\METHODS\SIMALC1.M

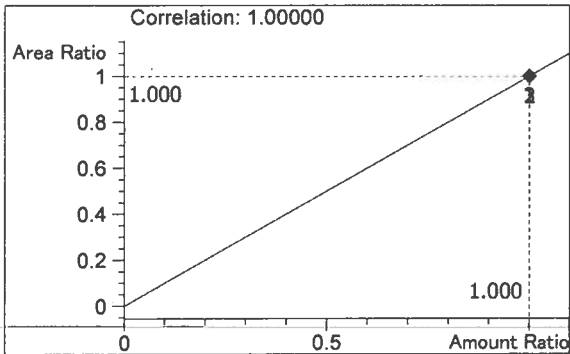
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2443	1.729



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14024

18