



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14072

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: 0.15 g/210L
DATE PREPARED: 12/31/2014
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	KH	AG
1	0.190	0.190	0.189
2	0.191	0.190	0.190
3	0.190	0.192	0.190
4	0.190	0.191	0.190
5	0.190	0.193	0.190
C	0.103	0.102	0.103

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1904 g/100mL PRECISION CV (%): 0.52
STANDARD DEVIATION: 0.00099 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1548 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

1/13/15
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:	
		SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		12/31/2014
KH	Katie Harris		01/05/2015
AG	Andrew Gingras		01/06/2015

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

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

QAP Solution Batch #: 14072

Date Prepared: 12/31/2014

Analyst:	JLK	KH	AG
Date Tested:	12/31/2014	1/5/2015	1/6/2015
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.190	0.190	0.189
2	0.191	0.190	0.190
3	0.190	0.192	0.190
4	0.190	0.191	0.190
5	0.190	0.193	0.190
C	0.103	0.102	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000017864	0.0000105414	0.0001016326

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

Average Solution Concentration: 0.1904 g/100mL
Standard Deviation: 0.00099 g/100mL
Precision CV (%): 0.52
Equivalent Vapor Concentration: 0.1548 g/210L
Combined Standard Uncertainty (\pm): 0.0017 g/210L
Expanded Uncertainty (\pm): 0.0034 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 1/8/15
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 1-12-15
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 1/7/15
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-12-15
Location: WSP-FLSB Seattle, WA Solution Batch Number: 14072

	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: 1-12-15



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>	1/8/15
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Kroy	<i>JK</i>	1-8-15
Katie Harris	<i>KH</i>	1/8/15
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14072 *on 1/8/15*

JK

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14072**

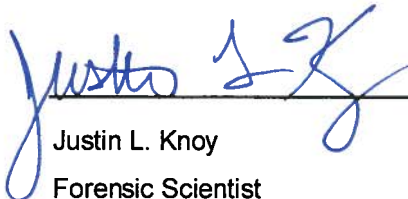
I, Justin L. Knoy, do certify under penalty of perjury that:

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 14072, was prepared in the Washington State Toxicology Laboratory on 12/31/2014. 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 12/31/2015.

Seattle, WA

 1-8-15
Justin L. Knoy Date
Forensic Scientist



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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14072**

I, Katie Harris, 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 14072, was prepared in the Washington State Toxicology Laboratory on 12/31/2014. 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 12/31/2015.

Seattle, WA

Katie Harris 1/8/15

Katie Harris

Date

Forensic Scientist



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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14072**

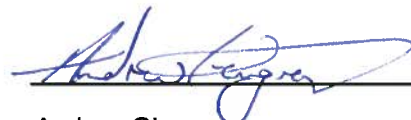
I, Andrew Gingras, do certify under penalty of perjury that:

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 14072, was prepared in the Washington State Toxicology Laboratory on 12/31/2014. 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 12/31/2015.

Seattle, WA

 1/8/15

Andrew Gingras

Date

Forensic Scientist



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

Preparation Date: 12-31-14 Expiration Date: 12-31-15 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: ZD6-0231

Date the 200-proof Ethanol bottle was opened: 12-3-14

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.

Environmental conditions verified as acceptable:

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>14069</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14070</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14071</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>14072</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>14073</u>
ESS	66.5	52	<input type="checkbox"/>	

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

12-31-14
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

12-31-14
Date

[Signature]

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: 141231JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
 Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
 Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P1114 - Exp. 02/20/2015

Calibration vials 1-9 filed with 14069.

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	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	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	14069-1	SIMALC1	1	Sample		
11	Vial 11	14069-2	SIMALC1	1	Sample		
12	Vial 12	14069-3	SIMALC1	1	Sample		
13	Vial 13	14069-4	SIMALC1	1	Sample		
14	Vial 14	14069-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	14070-1	SIMALC1	1	Sample		
18	Vial 18	14070-2	SIMALC1	1	Sample		
19	Vial 19	14070-3	SIMALC1	1	Sample		
20	Vial 20	14070-4	SIMALC1	1	Sample		
21	Vial 21	14070-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	14071-1	SIMALC1	1	Sample		
25	Vial 25	14071-2	SIMALC1	1	Sample		
26	Vial 26	14071-3	SIMALC1	1	Sample		

14072

Initials

JK

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14071-4	SIMALC1	1	Sample		
28	Vial 28	14071-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	14072-1	SIMALC1	1	Sample		
32	Vial 32	14072-2	SIMALC1	1	Sample		
33	Vial 33	14072-3	SIMALC1	1	Sample		
34	Vial 34	14072-4	SIMALC1	1	Sample		
35	Vial 35	14072-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	14073-1	SIMALC1	1	Sample		
39	Vial 39	14073-2	SIMALC1	1	Sample		
40	Vial 40	14073-3	SIMALC1	1	Sample		
41	Vial 41	14073-4	SIMALC1	1	Sample		
42	Vial 42	14073-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	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	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!

14072

Initials

JK

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

Inj. Date: 12/31/2014 1:46:29 PM

Sample Name: 14072-1

Instrument: HSGC#1

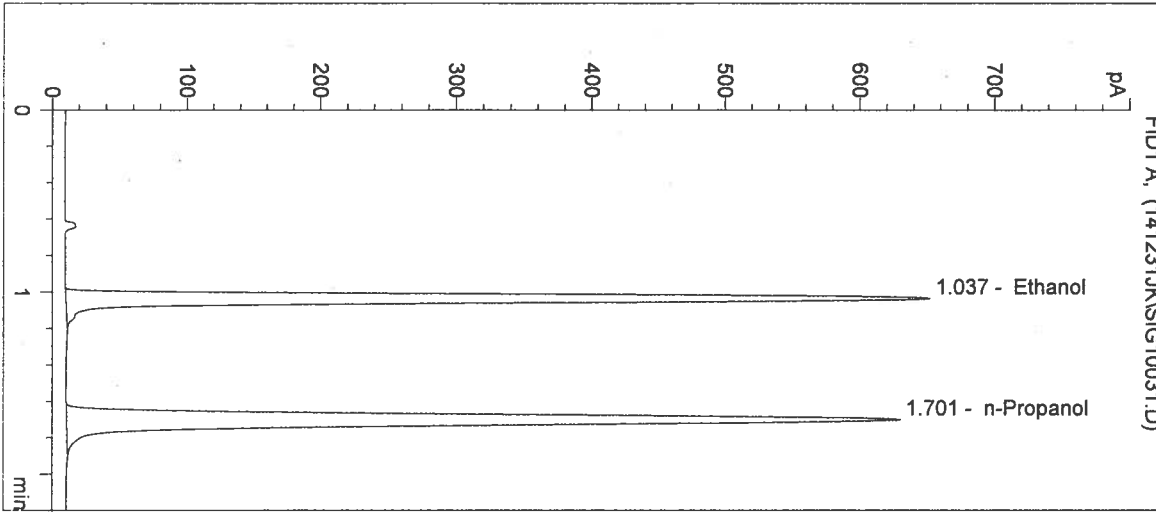
Operator: Justin Knoy

Column: DB-ALC1

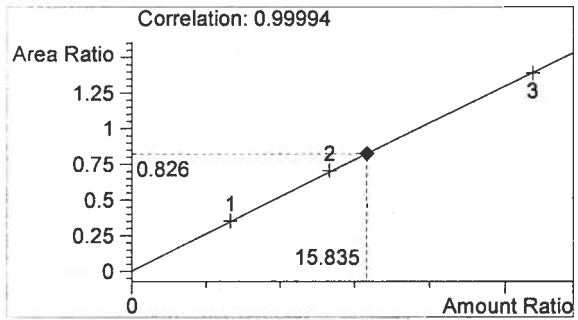
Location: Vial 31

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

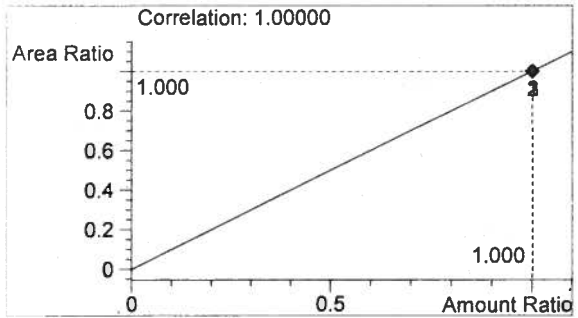
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2027	1.037
2	n-Propanol	2454	1.701



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials

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

Inj. Date: 12/31/2014 1:49:42 PM

Sample Name: 14072-2

Instrument: HSGC#1

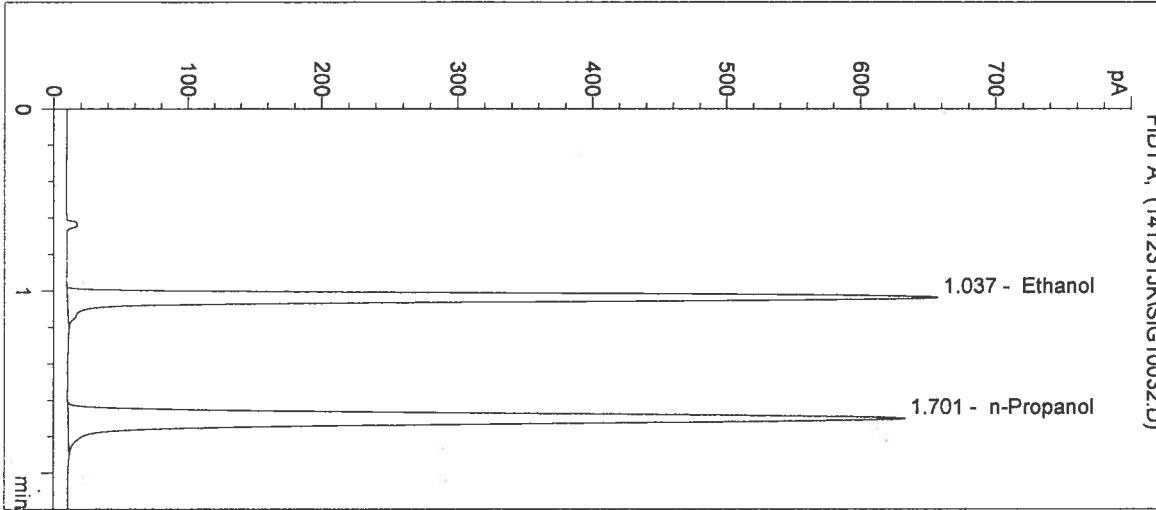
Operator: Justin Knoy

Column: DB-ALC1

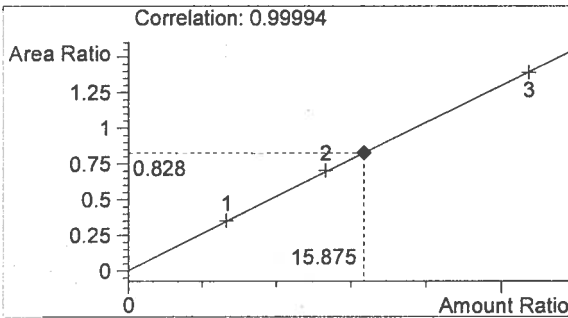
Location: Vial 32

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

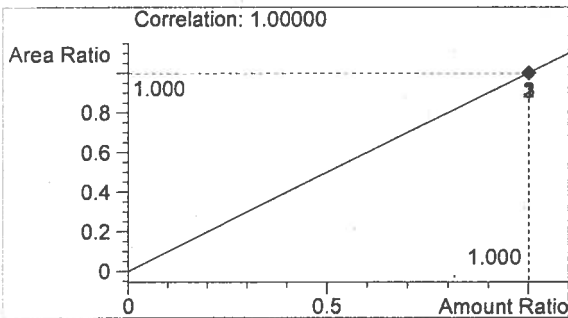
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2035	1.037
2	n-Propanol	2458	1.701



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 12/31/2014 1:52:55 PM

Sample Name: 14072-3

Instrument: HSGC#1

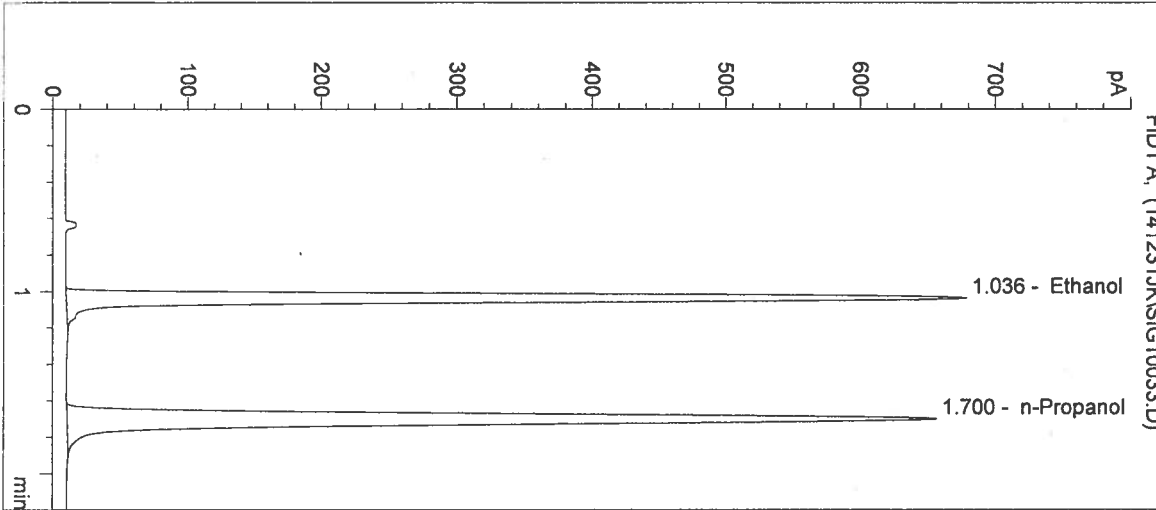
Operator: Justin Knoy

Column: DB-ALC1

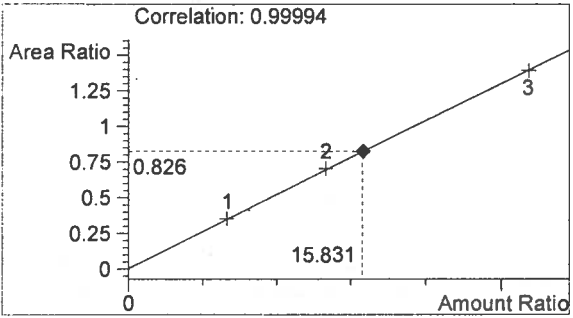
Location: Vial 33

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

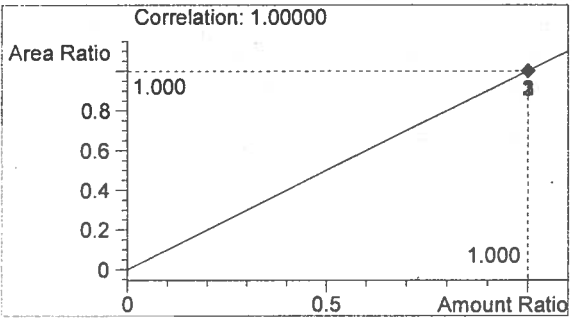
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2102	1.036
2	n-Propanol	2546	1.700



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

JL

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

Inj. Date: 12/31/2014 1:56:08 PM

Sample Name: 14072-4

Instrument: HSGC#1

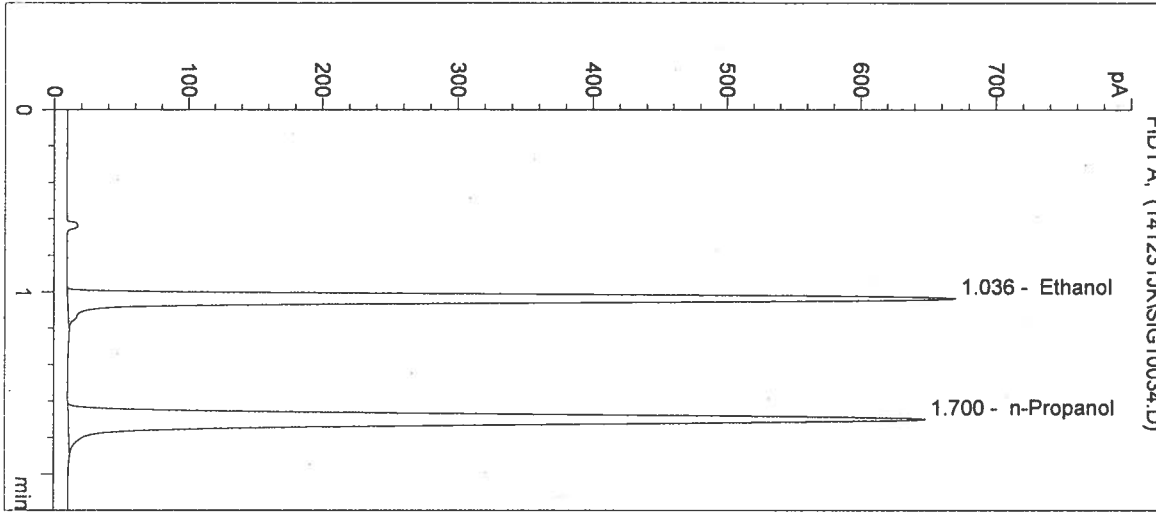
Operator: Justin Knoy

Column: DB-ALC1

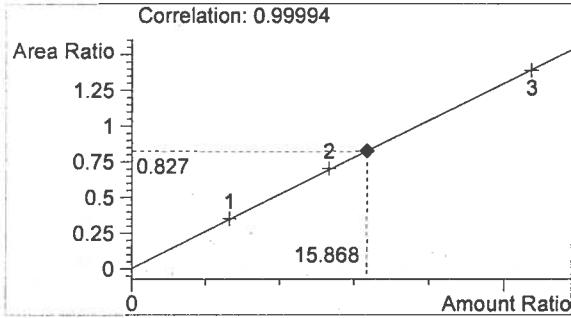
Location: Vial 34

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

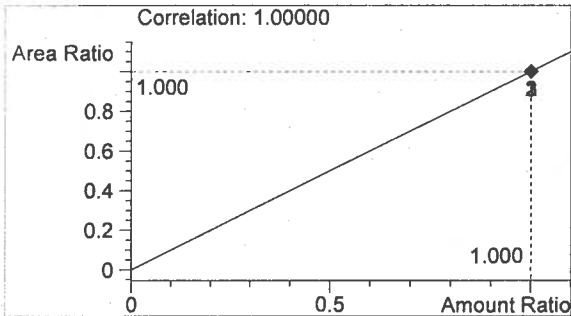
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2079	1.036
2	n-Propanol	2513	1.700



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 12/31/2014 1:59:22 PM

Sample Name: 14072-5

Instrument: HSGC#1

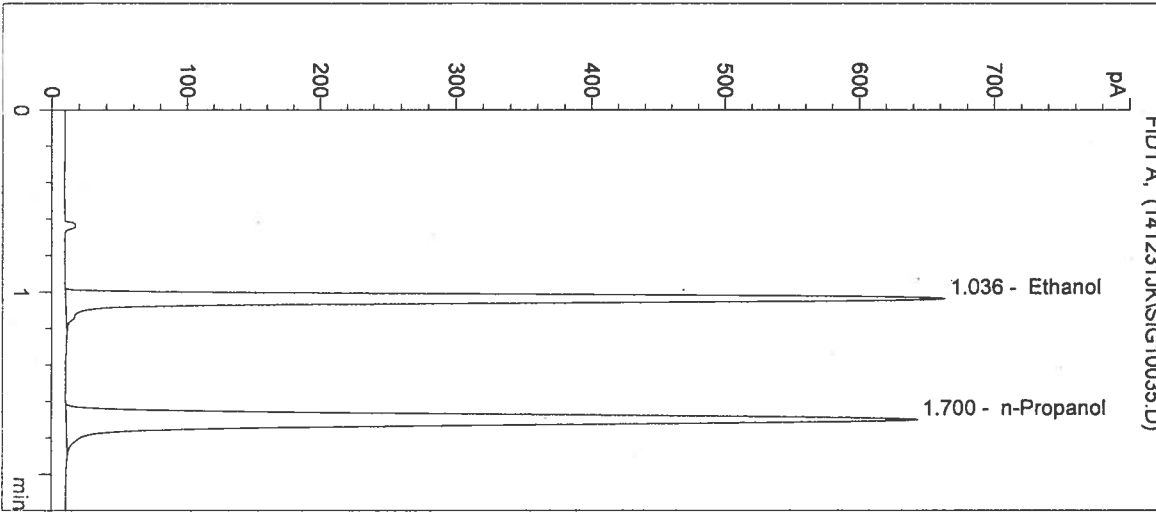
Operator: Justin Knoy

Column: DB-ALC1

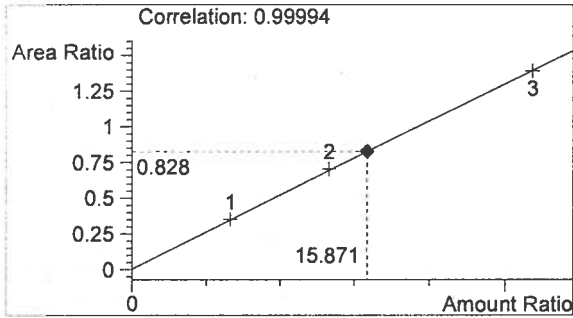
Location: Vial 35

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

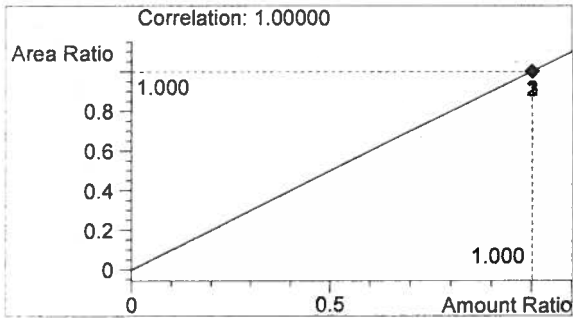
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2061	1.036
2	n-Propanol	2490	1.700



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

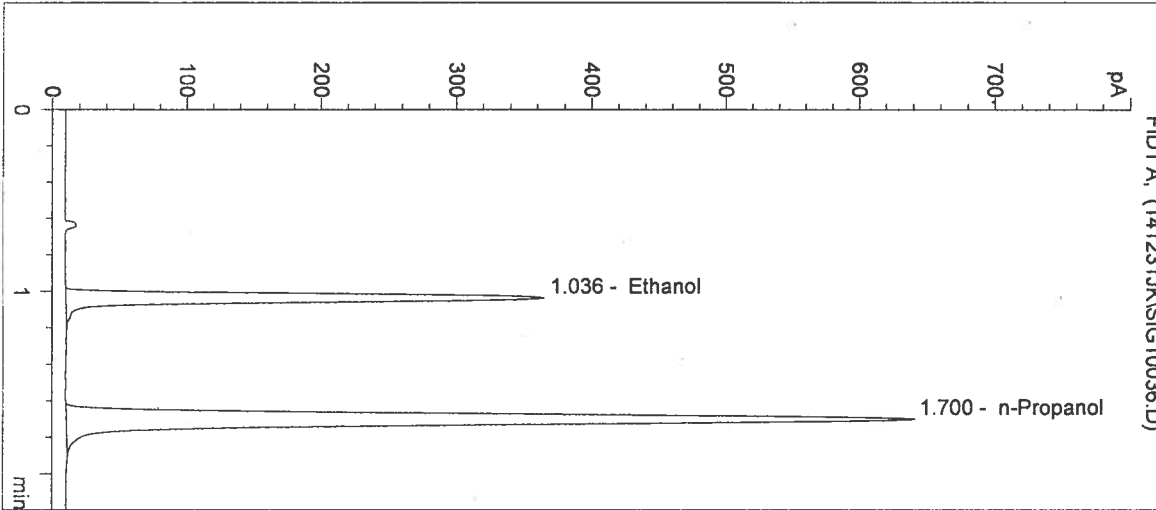
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 12/31/2014 2:02:35 PM
 Instrument: HSGC#1

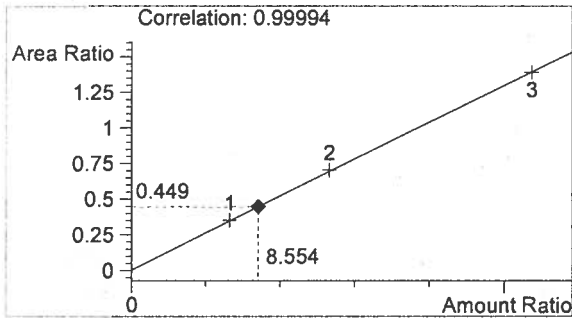
Sample Name: 0.10 CTRL
 Operator: Justin Knoy
 Location: Vial 36

Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

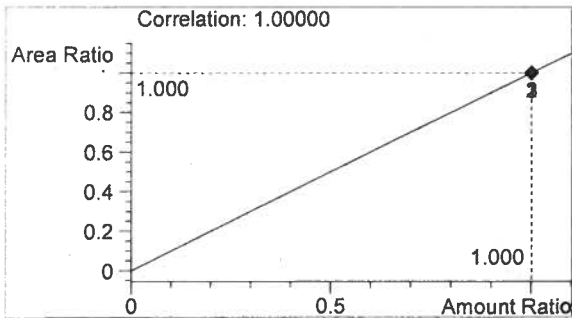
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.036
2	n-Propanol	2485	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials

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

Inj. Date: 12/31/2014 2:05:48 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

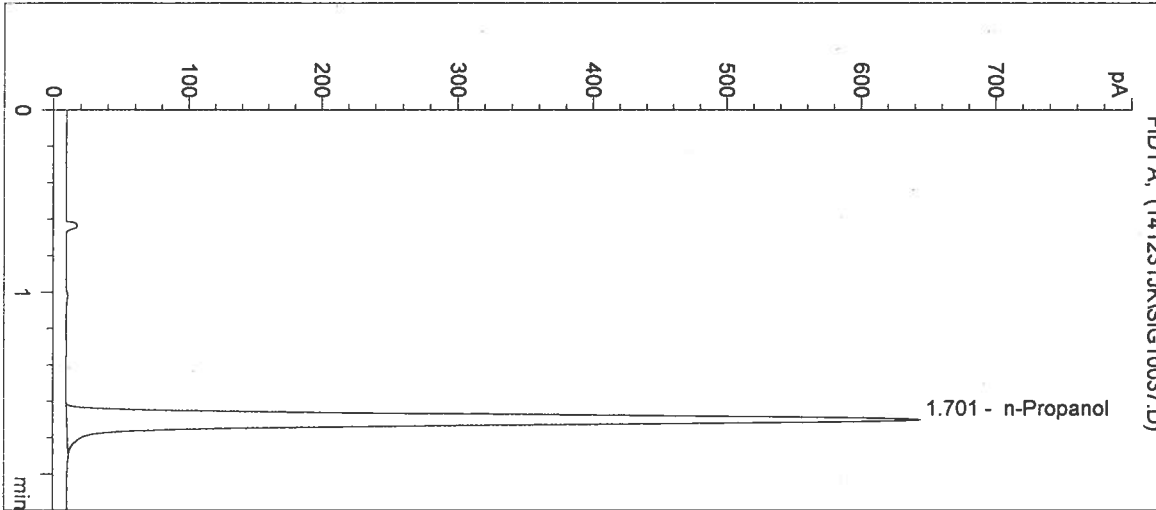
Operator: Justin Knoy

Column: DB-ALC1

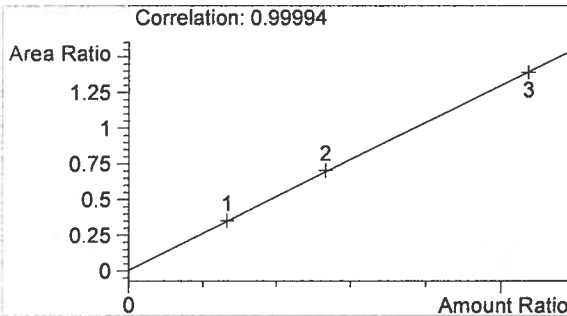
Location: Vial 37

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

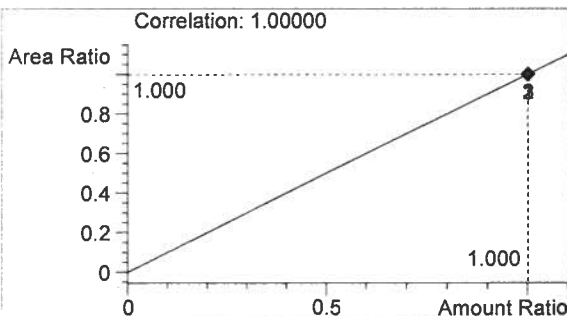
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2501	1.701



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

JK

Sequence Parameters:

Operator: Katie Harris
 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: 150105K1
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0814-01 - Exp. 02/19/2015
 Ethanol Calibrator 2, E0814-02 - Exp. 02/19/2015
 Ethanol Calibrator 3, E0814-03 - Exp. 02/19/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P1114 - Exp. 02/20/15

Calibration vials 1-9 filed with ~~14069~~
 14070 on 1/7/15

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	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	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	14069-1	SIMALC1	1	Sample		
11	Vial 11	14069-2	SIMALC1	1	Sample		
12	Vial 12	14069-3	SIMALC1	1	Sample		
13	Vial 13	14069-4	SIMALC1	1	Sample		
14	Vial 14	14069-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	14070-1	SIMALC1	1	Sample		
18	Vial 18	14070-2	SIMALC1	1	Sample		
19	Vial 19	14070-3	SIMALC1	1	Sample		
20	Vial 20	14070-4	SIMALC1	1	Sample		
21	Vial 21	14070-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	14071-1	SIMALC1	1	Sample		
25	Vial 25	14071-2	SIMALC1	1	Sample		
26	Vial 26	14071-3	SIMALC1	1	Sample		

Data Not used KH 1/6/15

*14072 2 initials
initials*

*z
KH*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14071-4	SIMALC1	1	Sample		
28	Vial 28	14071-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	14072-1	SIMALC1	1	Sample		
32	Vial 32	14072-2	SIMALC1	1	Sample		
33	Vial 33	14072-3	SIMALC1	1	Sample		
34	Vial 34	14072-4	SIMALC1	1	Sample		
35	Vial 35	14072-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	14073-1	SIMALC1	1	Sample		
39	Vial 39	14073-2	SIMALC1	1	Sample		
40	Vial 40	14073-3	SIMALC1	1	Sample		
41	Vial 41	14073-4	SIMALC1	1	Sample		
42	Vial 42	14073-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	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	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!

14072

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

Inj. Date: 1/5/2015 3:30:28 PM

Sample Name: 14072-1

Instrument: HSGC#1

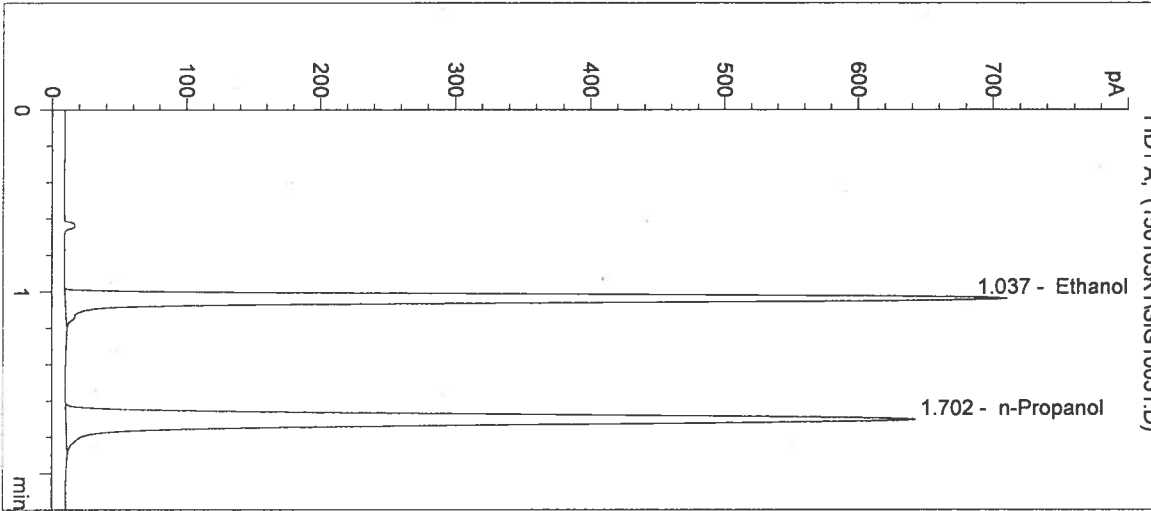
Operator: Katie Harris

Column: DB-ALC1

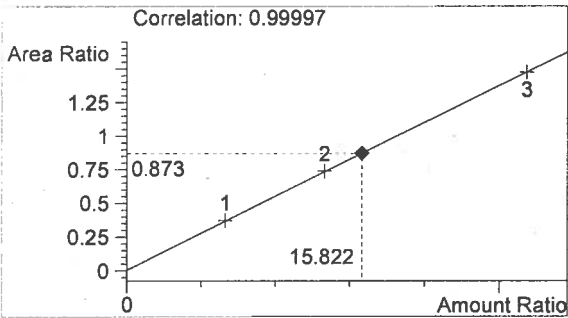
Location: Vial 31

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

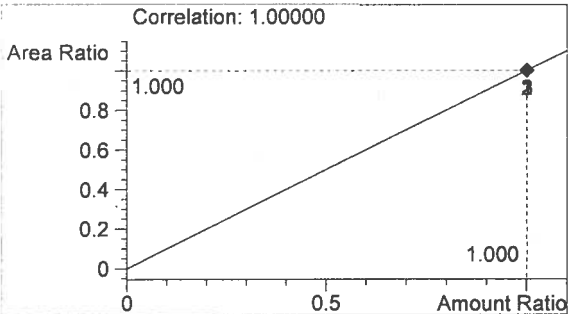
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2165	1.037
2	n-Propanol	2481	1.702



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 1/5/2015 3:33:41 PM

Sample Name: 14072-2

Instrument: HSGC#1

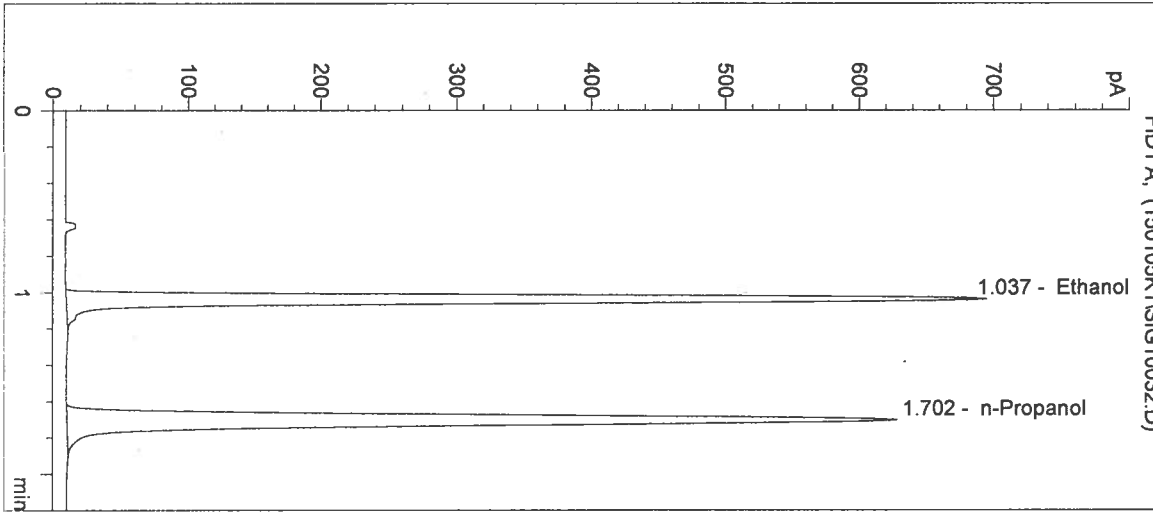
Operator: Katie Harris

Column: DB-ALC1

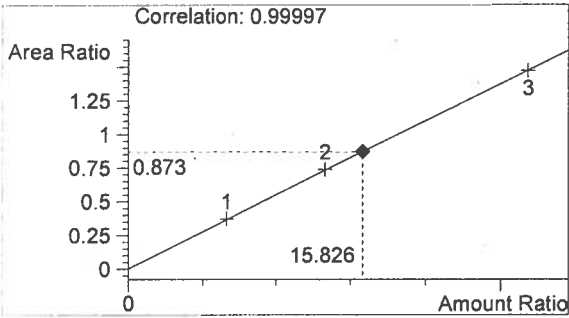
Location: Vial 32

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

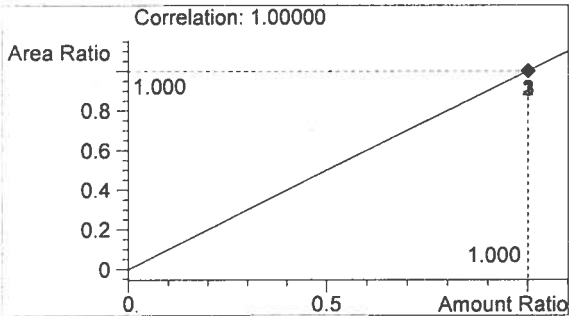
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2123	1.037
2	n-Propanol	2432	1.702



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 1/5/2015 3:36:55 PM

Sample Name: 14072-3

Instrument: HSGC#1

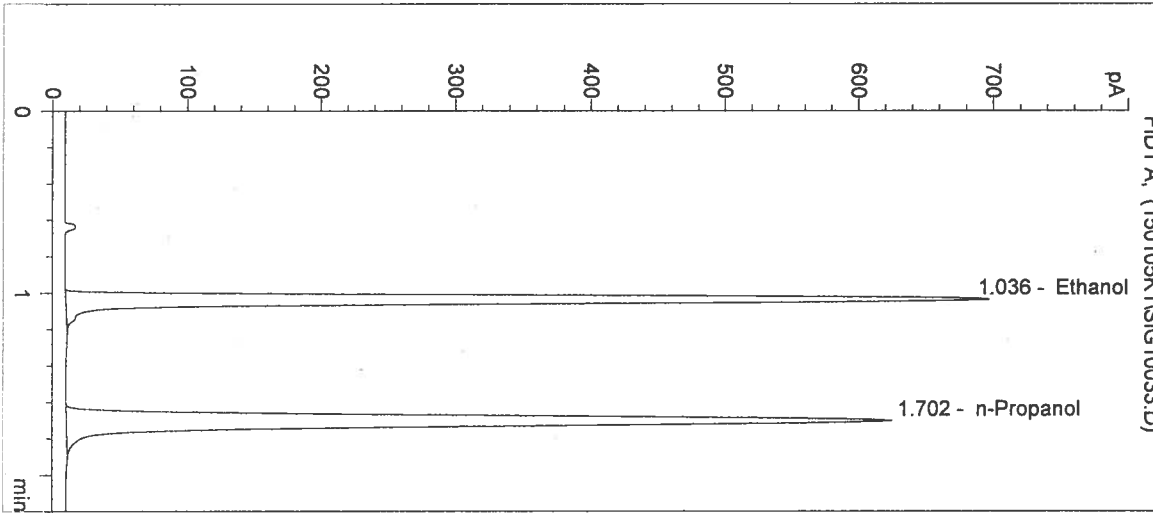
Operator: Katie Harris

Column: DB-ALC1

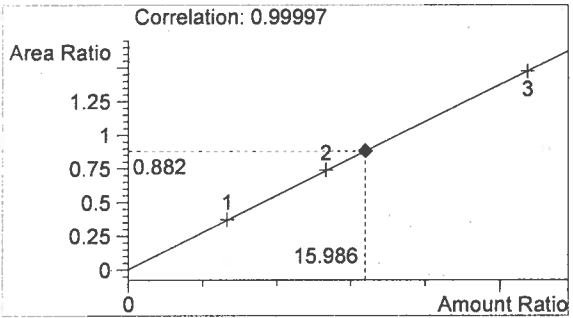
Location: Vial 33

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

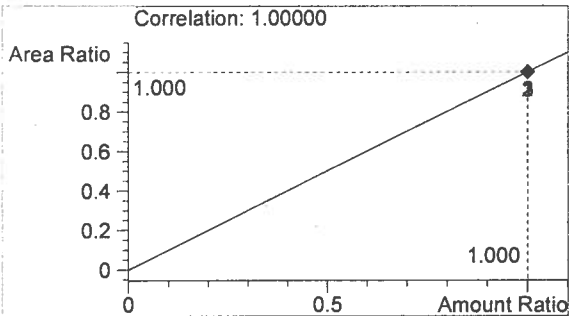
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2129	1.036
2	n-Propanol	2415	1.702



Ethanol 0.192 g/100mL



n-Propanol 0.012 g/100mL

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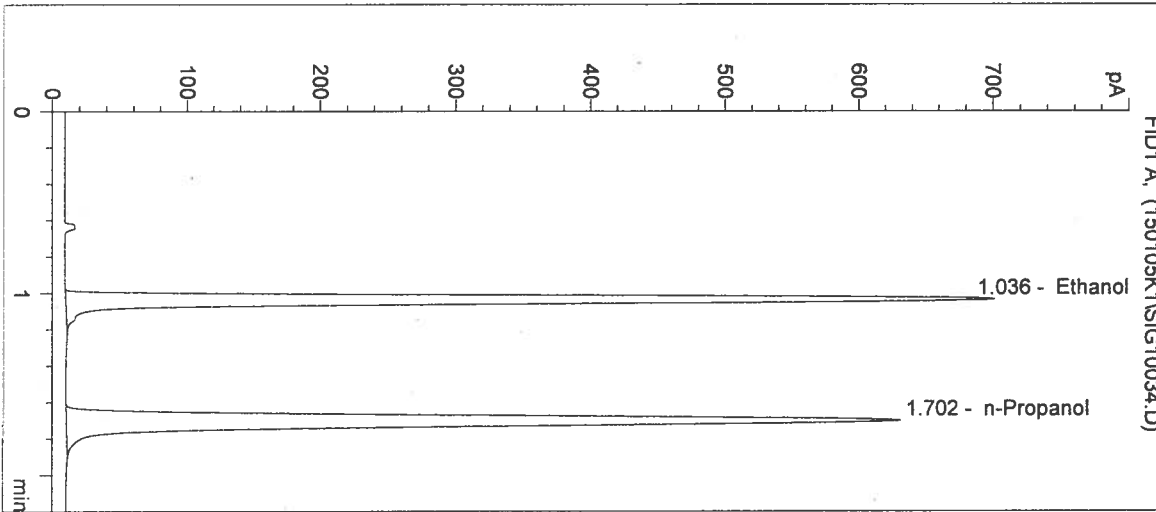
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/5/2015 3:40:08 PM
 Instrument: HSGC#1
 Column: DB-ALC1

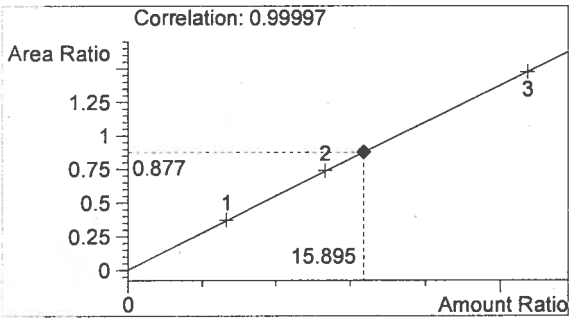
Sample Name: 14072-4
 Operator: Katie Harris
 Location: Vial 34

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

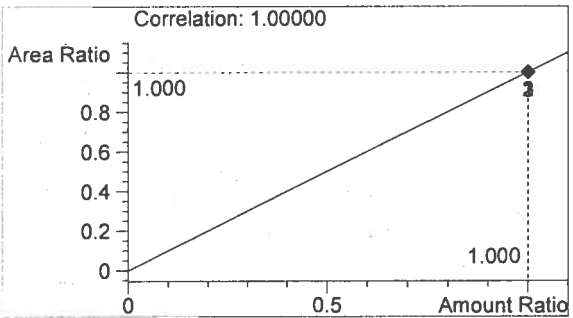
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2138	1.036
2	n-Propanol	2439	1.702



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

sh

VH

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

Inj. Date: 1/5/2015 3:43:21 PM

Sample Name: 14072-5

Instrument: HSGC#1

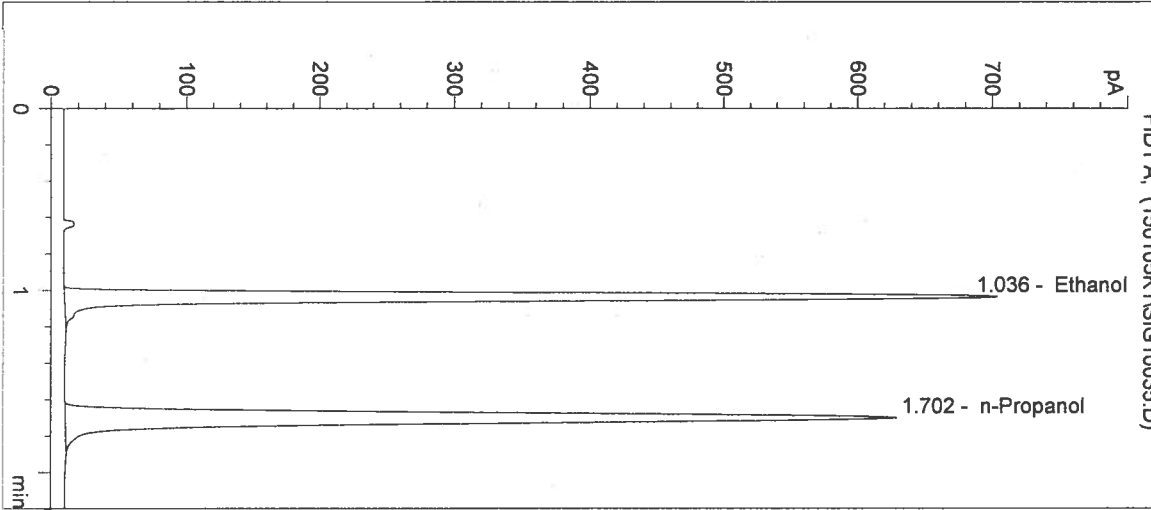
Operator: Katie Harris

Column: DB-ALC1

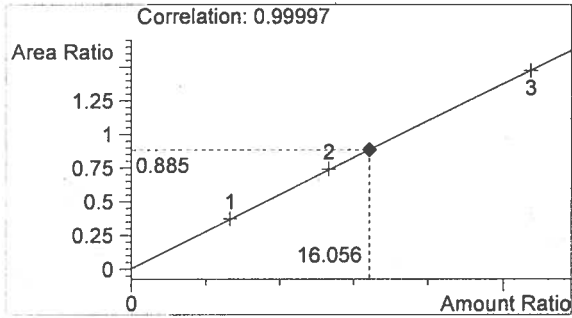
Location: Vial 35

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

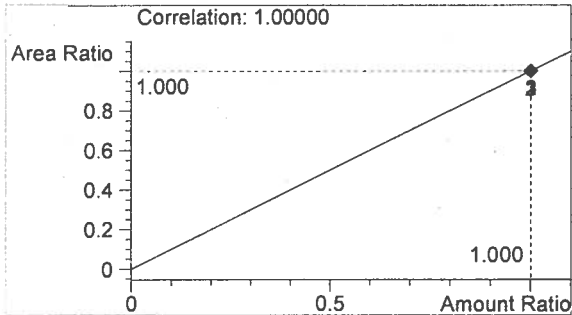
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2150	1.036
2	n-Propanol	2428	1.702



Ethanol 0.193 g/100mL



n-Propanol 0.012 g/100mL

sh

KH

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

Inj. Date: 1/5/2015 3:46:34 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

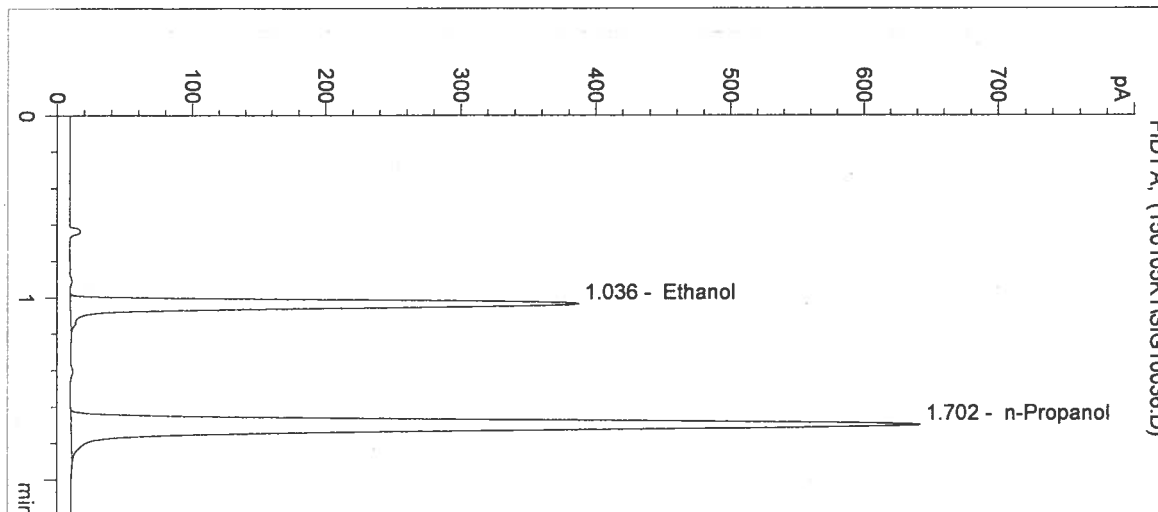
Operator: Katie Harris

Column: DB-ALC1

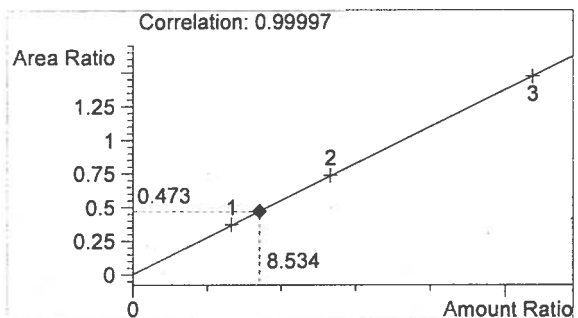
Location: Vial 36

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

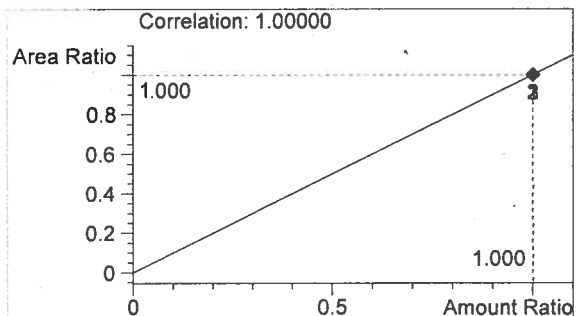
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	1173	1.036
2	n-Propanol	2480	1.702



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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VH

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

Inj. Date: 1/5/2015 3:49:48 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

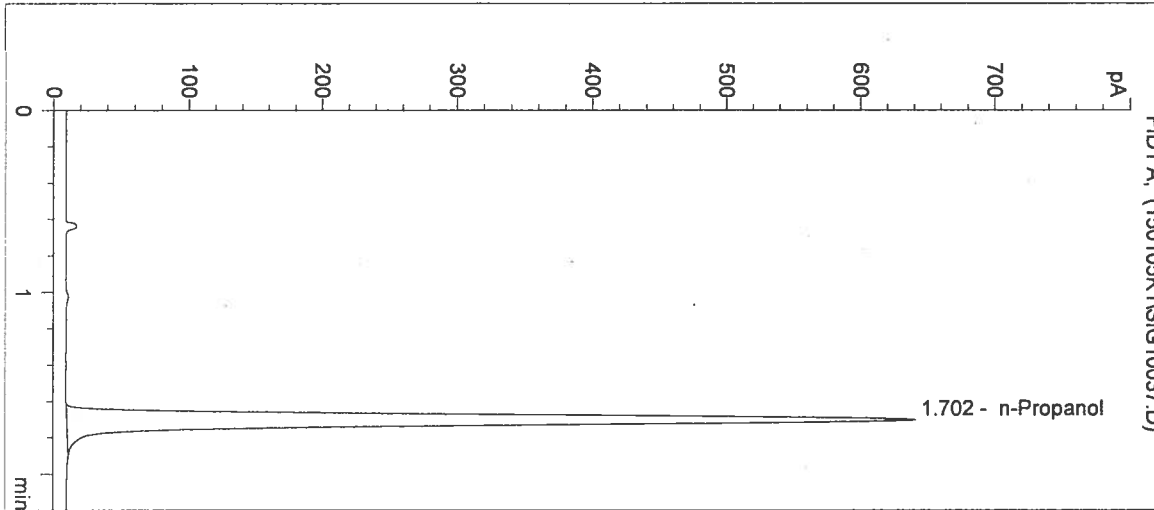
Operator: Katie Harris

Column: DB-ALC1

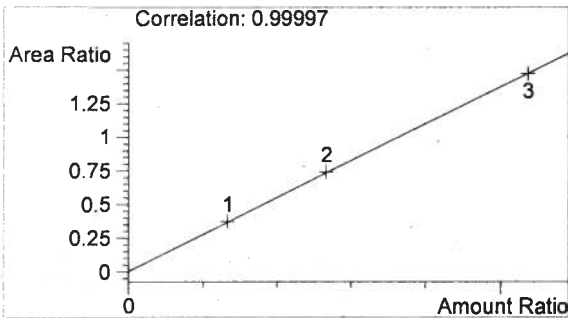
Location: Vial 37

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

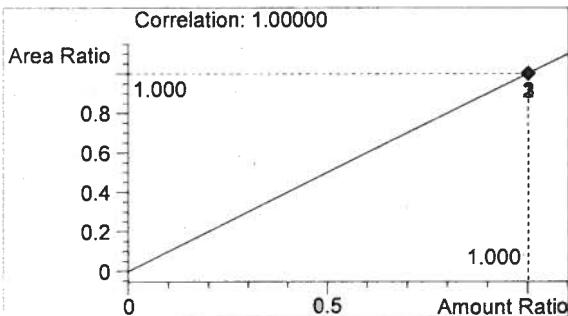
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2478	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

for
KAH

Sequence Parameters:

Operator: Andrew Gingras
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 150106A2
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1 (0.079g/100mL) - LOT# E0814-01 - EXP 2/19/2014
 CAL 2 (0.158g/100mL) - LOT# E0814-02 - EXP 2/19/2014
 CAL 3 (0.316g/100mL) - LOT# E0814-03 - EXP 2/19/2014
 n-Propanol ISTD - LOT# P1114 - 2/20/2015
 CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 5/2018
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
 CTRL 3 (0.20g/100mL) - LOT# FN03211401 - EXP 6/2019

*2015
 JB
 1/6/15*

Calibrators and controls filed with 14069.

*vials 1-9
 JB 1/6/15*

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	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	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	QAP 14069 #1	SIMALC1	1	Sample		
11	Vial 11	QAP 14069 #2	SIMALC1	1	Sample		
12	Vial 12	QAP 14069 #3	SIMALC1	1	Sample		
13	Vial 13	QAP 14069 #4	SIMALC1	1	Sample		
14	Vial 14	QAP 14069 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	QAP 14070 #1	SIMALC1	1	Sample		
18	Vial 18	QAP 14070 #2	SIMALC1	1	Sample		
19	Vial 19	QAP 14070 #3	SIMALC1	1	Sample		
20	Vial 20	QAP 14070 #4	SIMALC1	1	Sample		
21	Vial 21	QAP 14070 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	QAP 14071 #1	SIMALC1	1	Sample		
25	Vial 25	QAP 14071 #2	SIMALC1	1	Sample		
26	Vial 26	QAP 14071 #3	SIMALC1	1	Sample		

14072

JB 1/15/15

JB

JB

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	QAP 14071 #4	SIMALC1	1	Sample		
28	Vial 28	QAP 14071 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	QAP 14072 #1	SIMALC1	1	Sample		
32	Vial 32	QAP 14072 #2	SIMALC1	1	Sample		
33	Vial 33	QAP 14072 #3	SIMALC1	1	Sample		
34	Vial 34	QAP 14072 #4	SIMALC1	1	Sample		
35	Vial 35	QAP 14072 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	QAP 14073 #1	SIMALC1	1	Sample		
39	Vial 39	QAP 14073 #2	SIMALC1	1	Sample		
40	Vial 40	QAP 14073 #3	SIMALC1	1	Sample		
41	Vial 41	QAP 14073 #4	SIMALC1	1	Sample		
42	Vial 42	QAP 14073 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	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	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!

14072

initials

to
AG

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

Inj. Date: 1/6/2015 1:04:37 PM

Sample Name: QAP 14072 #1

Instrument: HSGC#1

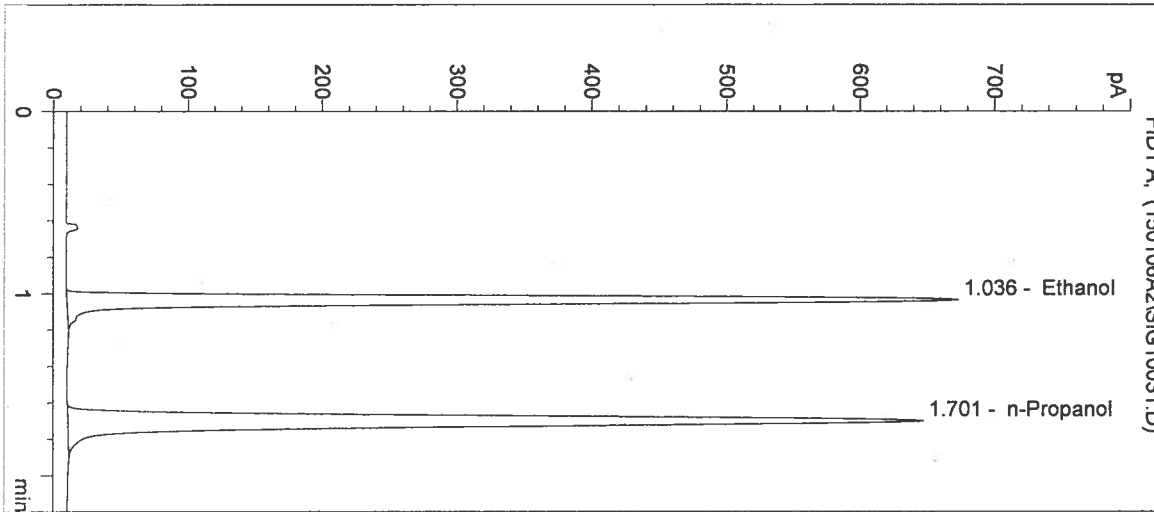
Operator: Andrew Gingras

Column: DB-ALC1

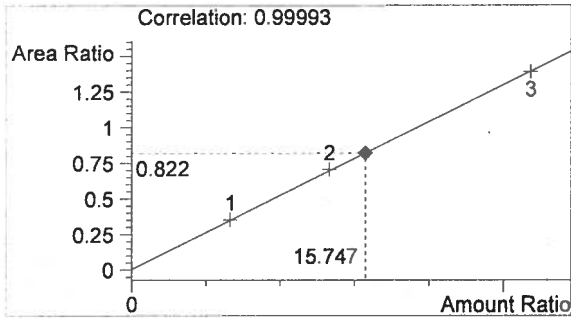
Location: Vial 31

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

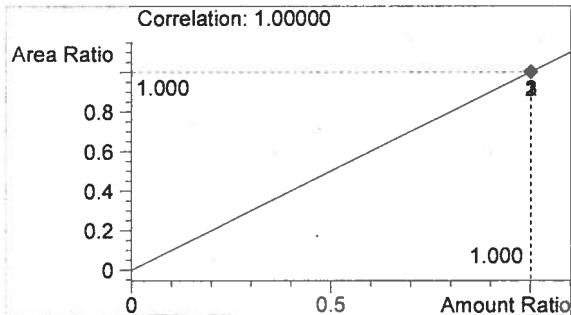
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2058	1.036
2	n-Propanol	2503	1.701



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

Handwritten initials/signature

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

Inj. Date: 1/6/2015 1:07:50 PM

Sample Name: QAP 14072 #2

Instrument: HSGC#1

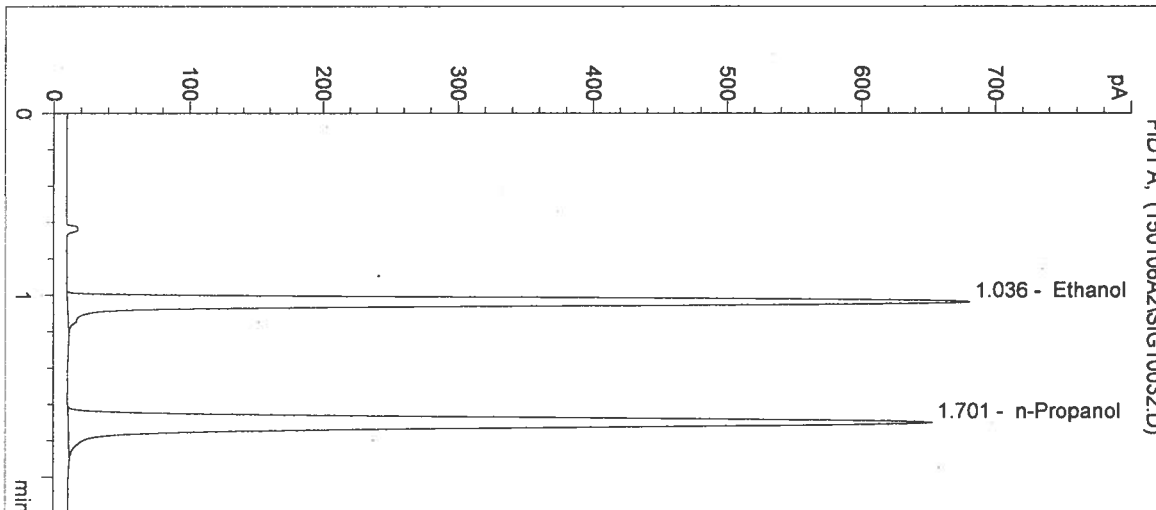
Operator: Andrew Gingras

Column: DB-ALC1

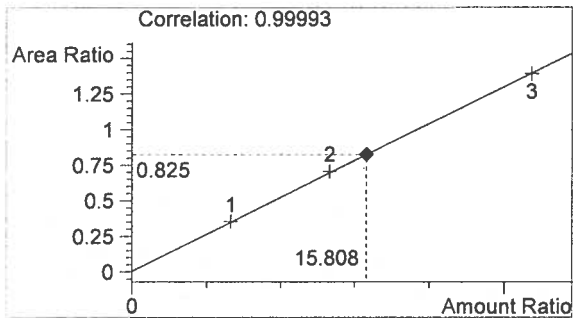
Location: Vial 32

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

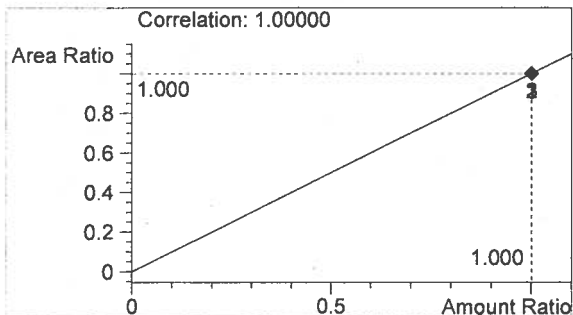
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2080	1.036
2	n-Propanol	2520	1.701



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

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

Inj. Date: 1/6/2015 1:11:04 PM

Sample Name: QAP 14072 #3

Instrument: HSGC#1

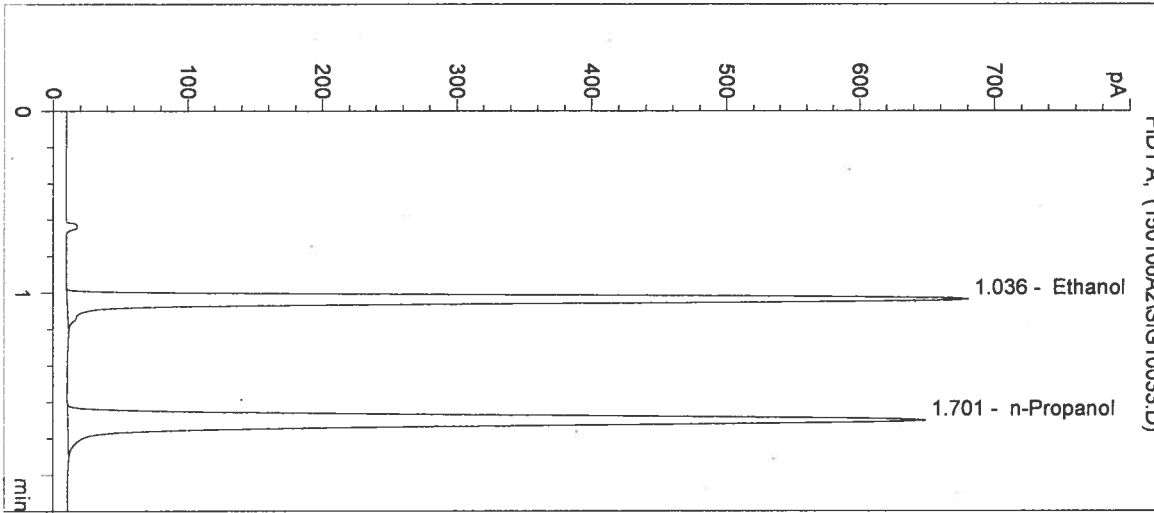
Operator: Andrew Gingras

Column: DB-ALC1

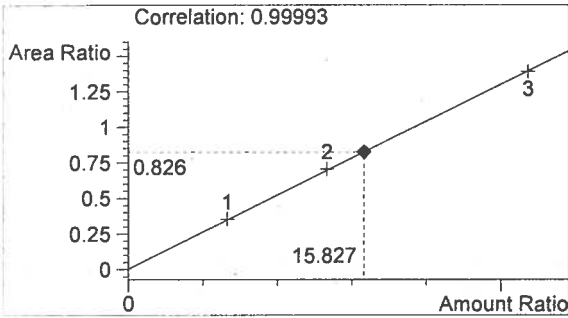
Location: Vial 33

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

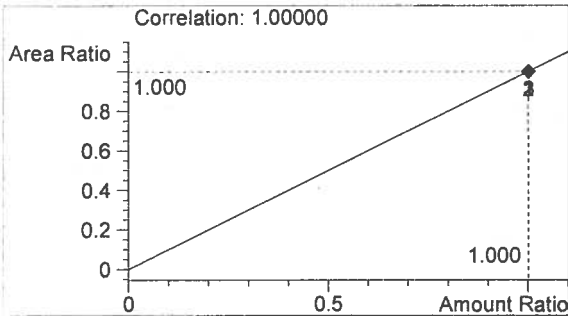
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2076	1.036
2	n-Propanol	2513	1.701



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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AB

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

Inj. Date: 1/6/2015 1:14:16 PM

Sample Name: QAP 14072 #4

Instrument: HSGC#1

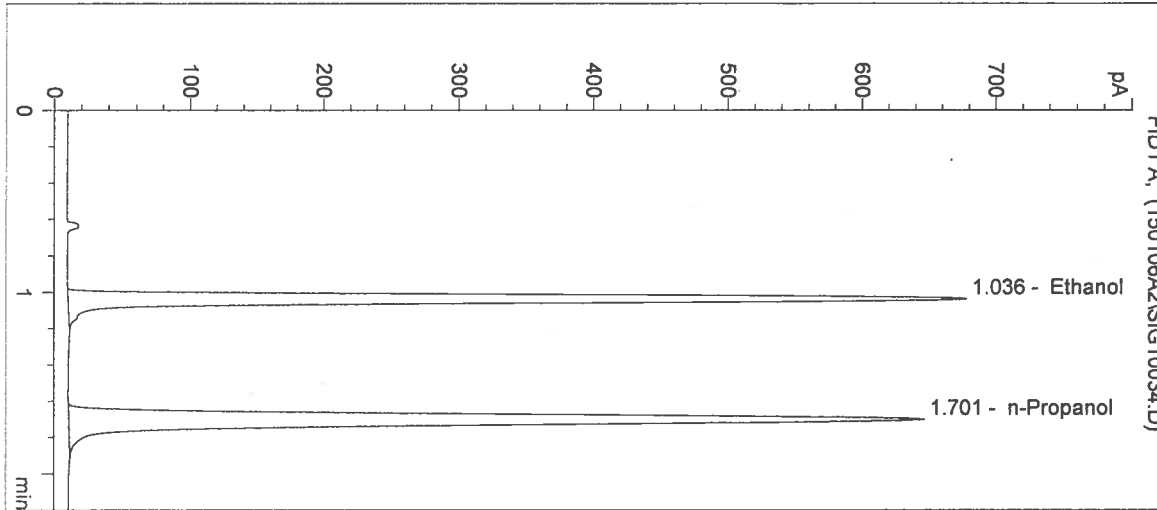
Operator: Andrew Gingras

Column: DB-ALC1

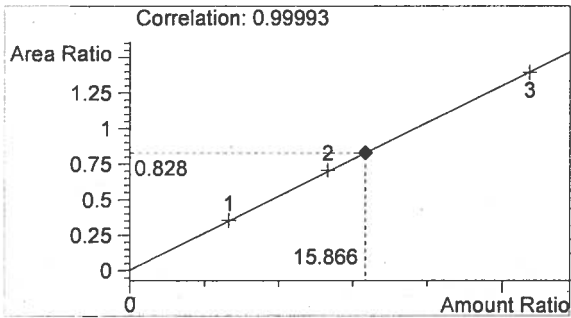
Location: Vial 34

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

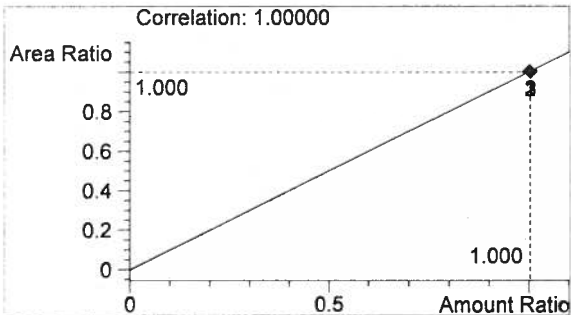
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2071	1.036
2	n-Propanol	2500	1.701



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

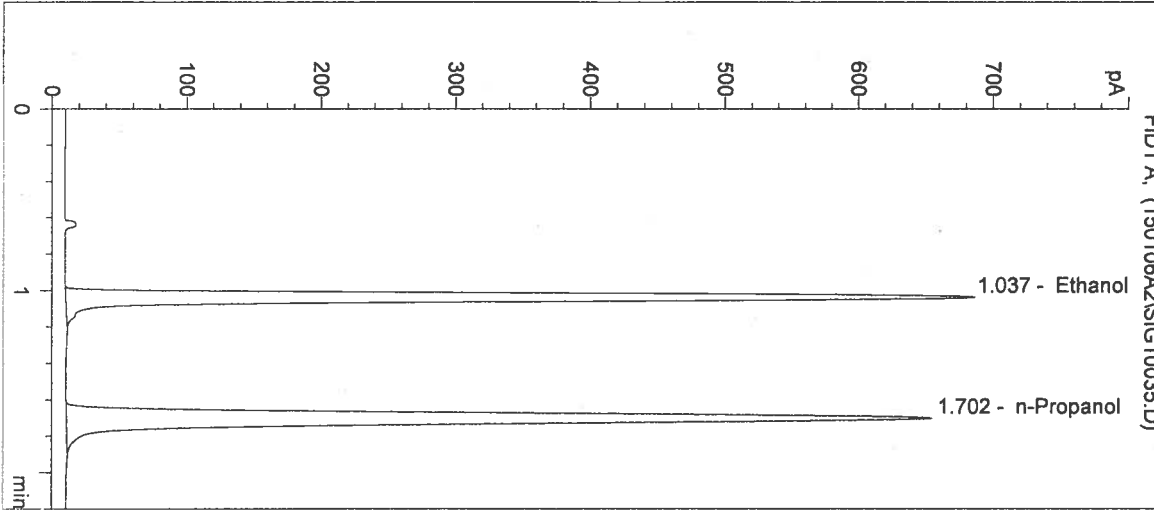
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Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

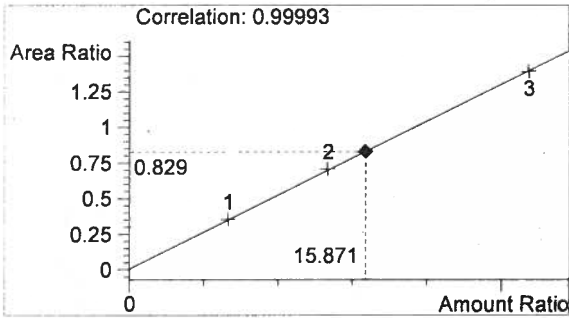
Inj. Date: 1/6/2015 1:17:30 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: QAP 14072 #5
 Operator: Andrew Gingras
 Location: Vial 35

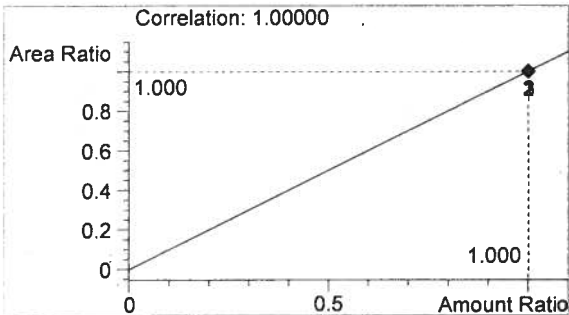
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2097	1.037
2	n-Propanol	2530	1.702



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 1/6/2015 1:20:42 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

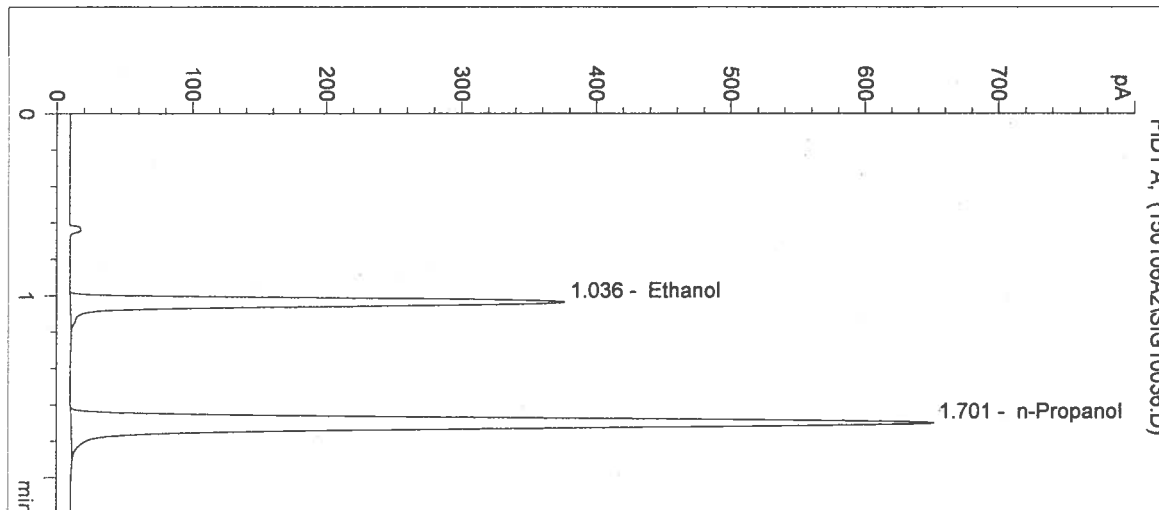
Operator: Andrew Gingras

Column: DB-ALC1

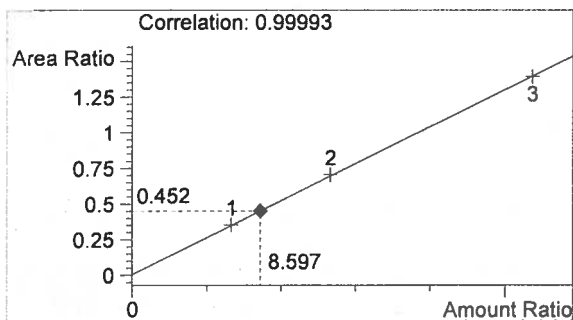
Location: Vial 36

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

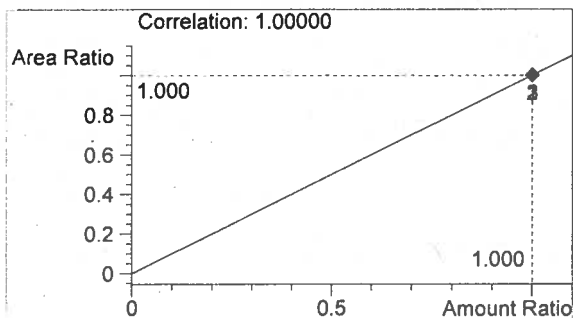
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	1138	1.036
2	n-Propanol	2519	1.701



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

Handwritten initials/signature

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

Inj. Date: 1/6/2015 1:23:56 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

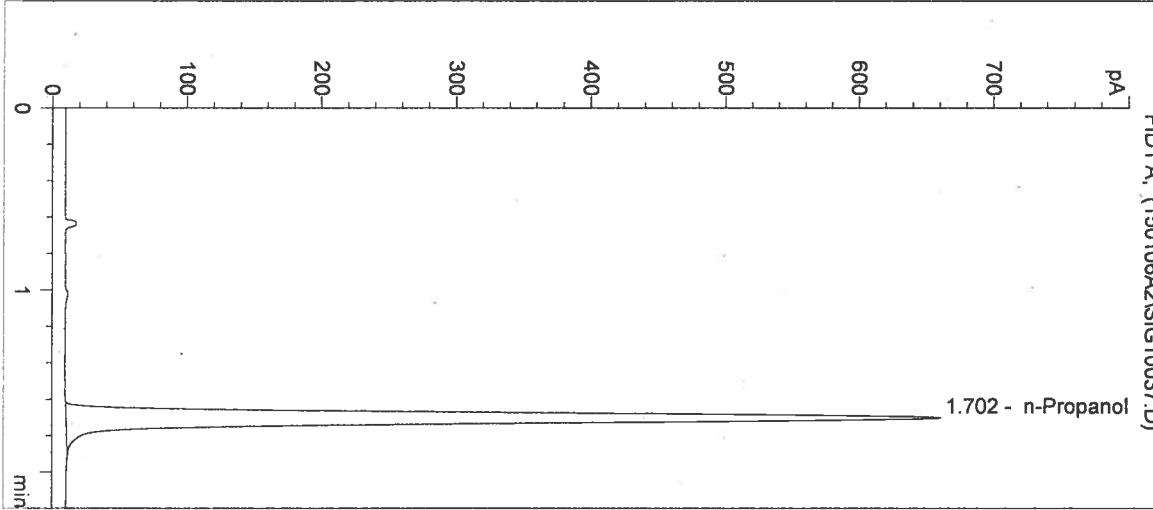
Operator: Andrew Gingras

Column: DB-ALC1

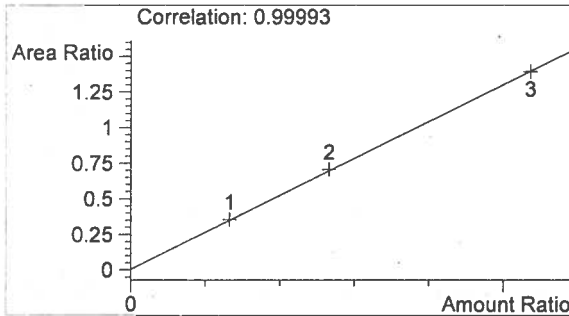
Location: Vial 37

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

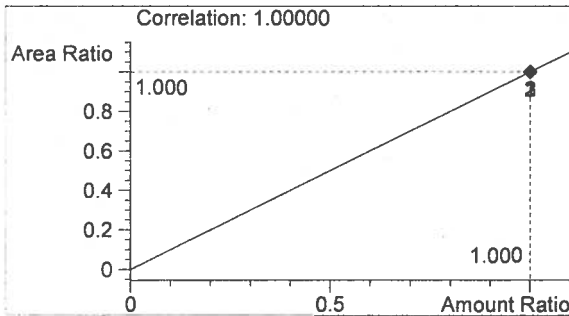
Sample Info: 14072



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2555	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature