



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14073

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

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	KH	AG
1	0.254	0.252	0.253
2	0.256	0.255	0.254
3	0.254	0.254	0.254
4	0.255	0.255	0.255
5	0.255	0.256	0.255
C	0.103	0.103	0.104

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.2545 g/100mL PRECISION CV (%): 0.42
STANDARD DEVIATION: 0.00106 NUMBER OF TESTS: 15

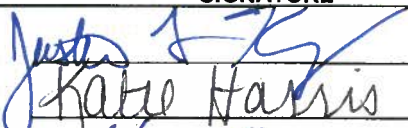

EQUIVALENT VAPOR CONCENTRATION: **0.2069 g/210L**
EXPANDED UNCERTAINTY: ± 0.0046 (k=2, 95.45% confidence interval)

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

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

QAP Solution Batch #: 14073

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	0.254	0.252	0.253
2	0.256	0.255	0.254
3	0.254	0.254	0.254
4	0.255	0.255	0.255
5	0.255	0.256	0.255
C	0.103	0.103	0.104

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000011570	0.0000104058	0.0001016326

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

Average Solution Concentration: 0.2545 g/100mL
Standard Deviation: 0.00106 g/100mL
Precision CV (%): 0.42
Equivalent Vapor Concentration: 0.2069 g/210L
Combined Standard Uncertainty (\pm): 0.0023 g/210L
Expanded Uncertainty (\pm): 0.0046 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 H. Black [Signature] 1-13-15
Name Signature Date

Method: Hand calculation

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

[Signature]

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 1-13-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14073

	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: 1-13-15

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

Batch # 14073 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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14073**

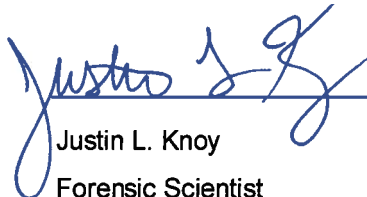
I, Justin L. Knoy, do certify under penalty of perjury that:

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 14073, 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

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**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14073**

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 14073, 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

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**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14073**

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 14073, 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

A handwritten signature in blue ink, appearing to read "Andrew Gingras", written over a horizontal line. To the right of the signature, the date "1/8/15" is handwritten.

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: 2D6-0231

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"/>	<u> </u>

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		

14073

Justin Knoy

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!

14073

Justin

JK

Inj. Date: 12/31/2014 2:09:01 PM

Sample Name: 14073-1

Instrument: HSGC#1

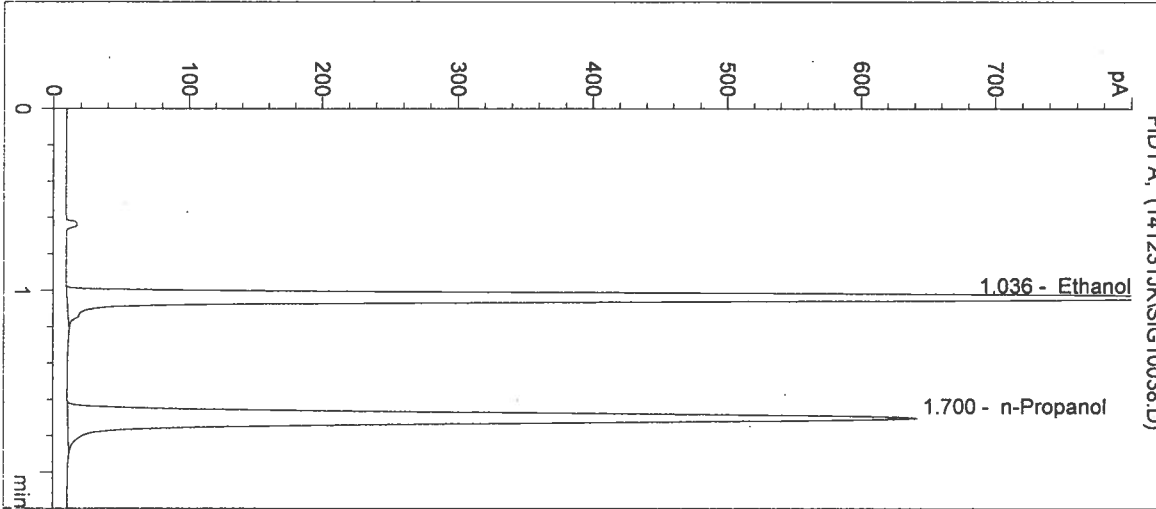
Operator: Justin Knoy

Column: DB-ALC1

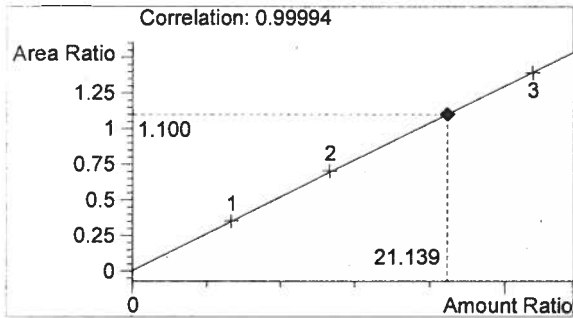
Location: Vial 38

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

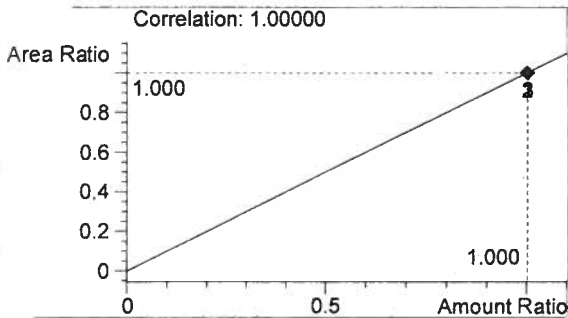
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2742	1.036
2	n-Propanol	2492	1.700



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

JK

Inj. Date: 12/31/2014 2:12:15 PM

Sample Name: 14073-2

Instrument: HSGC#1

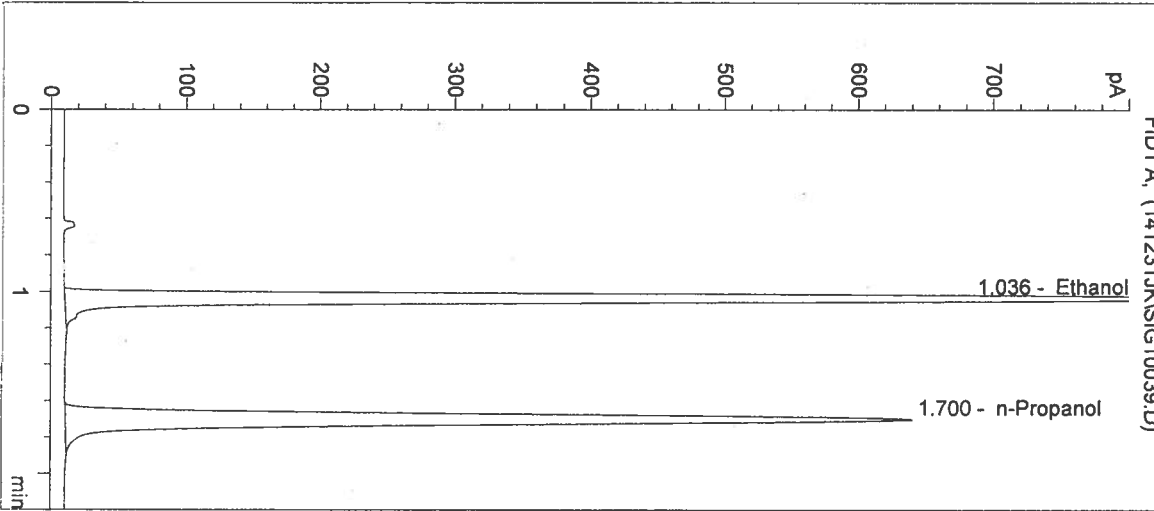
Operator: Justin Knoy

Column: DB-ALC1

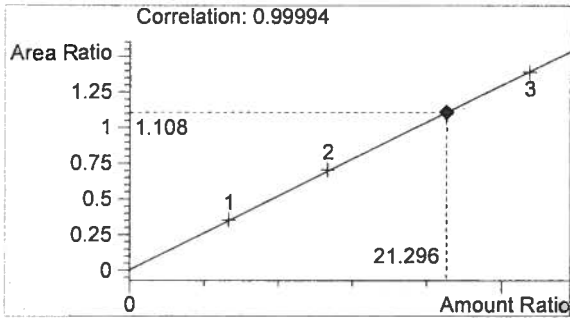
Location: Vial 39

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

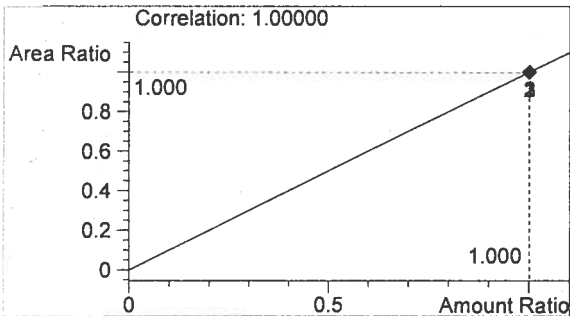
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2745	1.036
2	n-Propanol	2476	1.700



Ethanol 0.256 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials

Inj. Date: 12/31/2014 2:15:28 PM

Sample Name: 14073-3

Instrument: HSGC#1

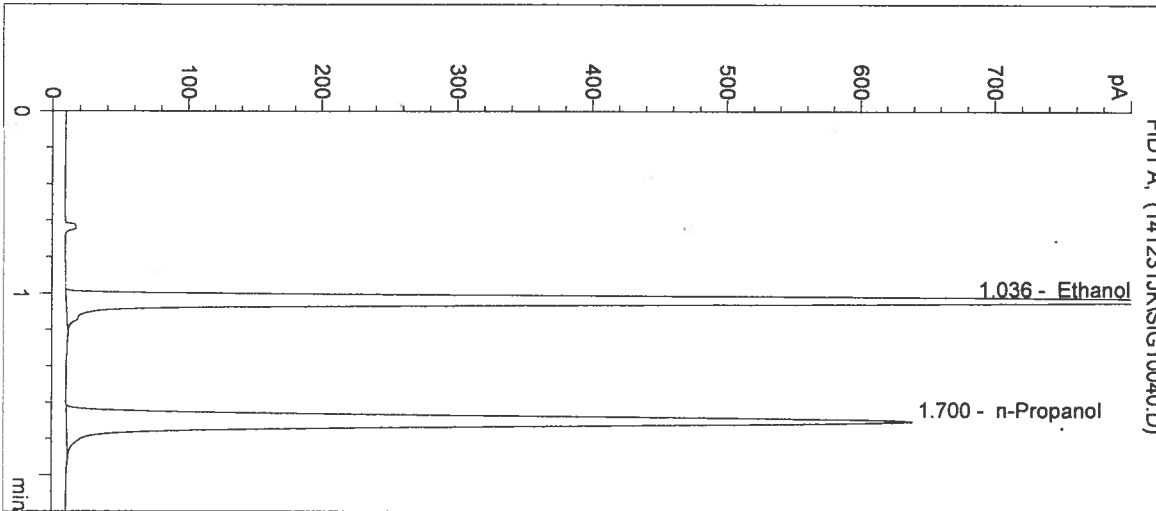
Operator: Justin Knoy

Column: DB-ALC1

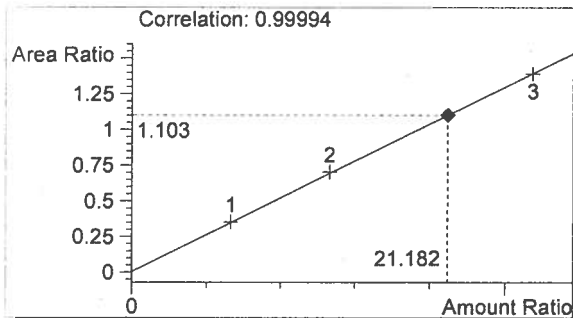
Location: Vial 40

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

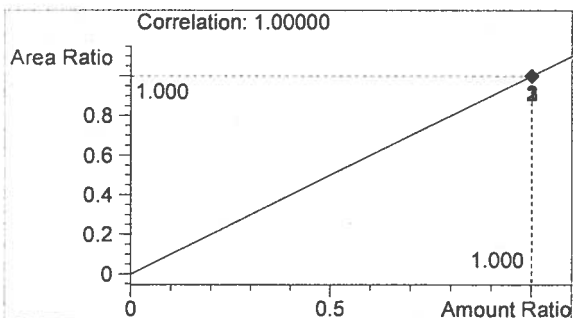
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2733	1.036
2	n-Propanol	2479	1.700



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials

Inj. Date: 12/31/2014 2:18:41 PM

Sample Name: 14073-4

Instrument: HSGC#1

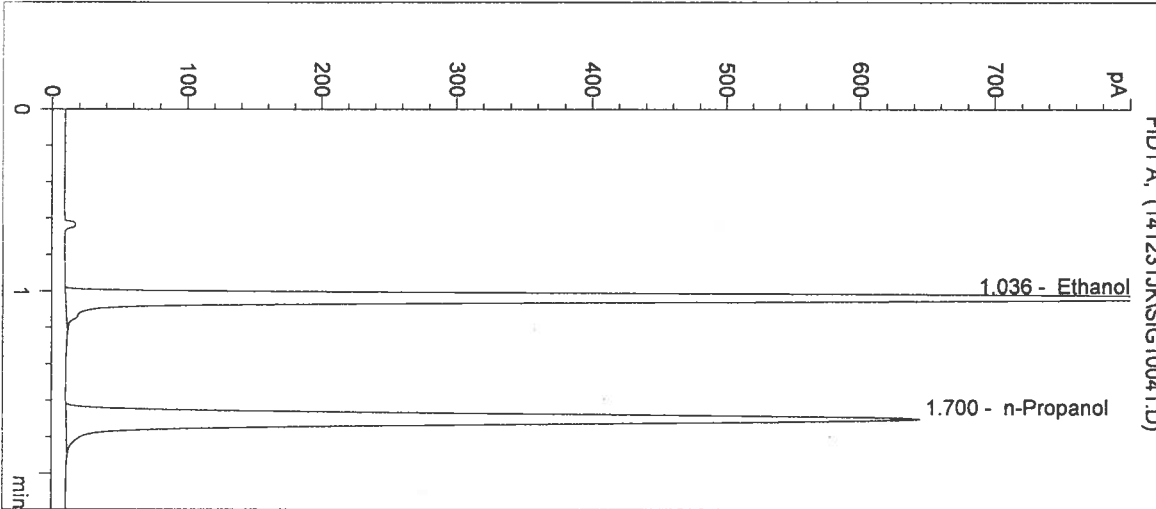
Operator: Justin Knoy

Column: DB-ALC1

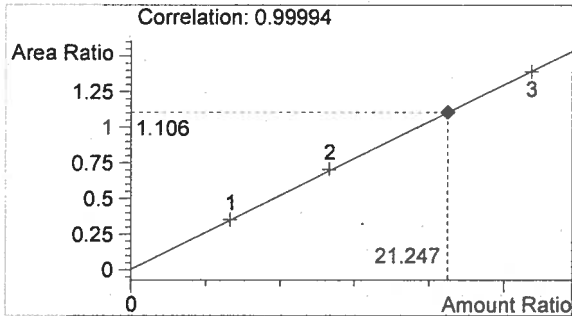
Location: Vial 41

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

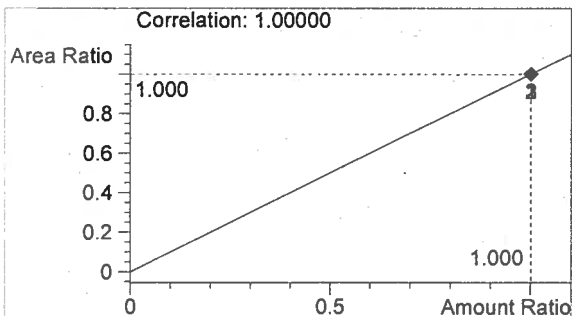
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2762	1.036
2	n-Propanol	2497	1.700



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

Inj. Date: 12/31/2014 2:21:55 PM

Sample Name: 14073-5

Instrument: HSGC#1

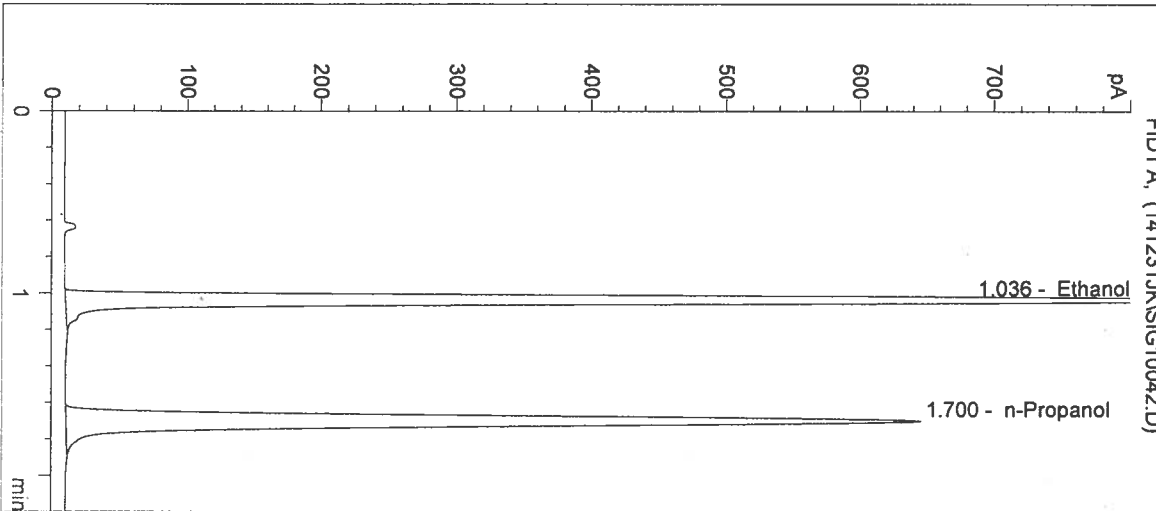
Operator: Justin Knoy

Column: DB-ALC1

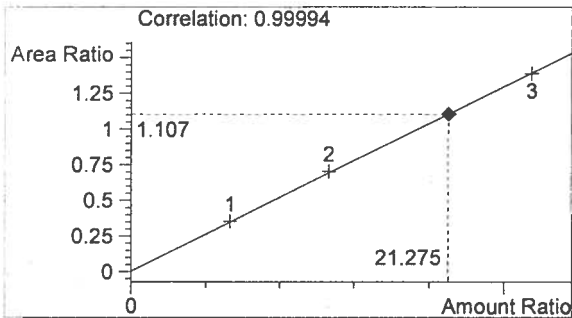
Location: Vial 42

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

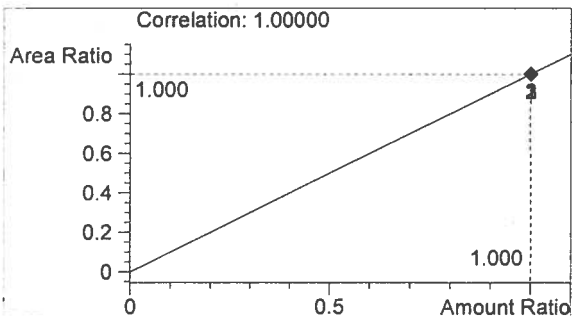
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2761	1.036
2	n-Propanol	2493	1.700



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

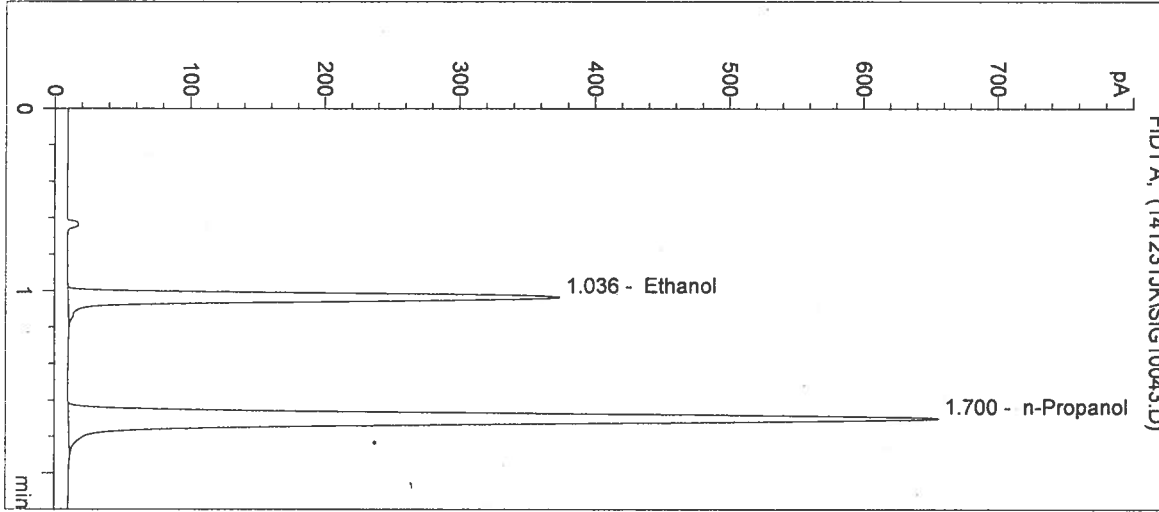
Handwritten signature/initials

Inj. Date: 12/31/2014 2:25:07 PM
Instrument: HSGC#1

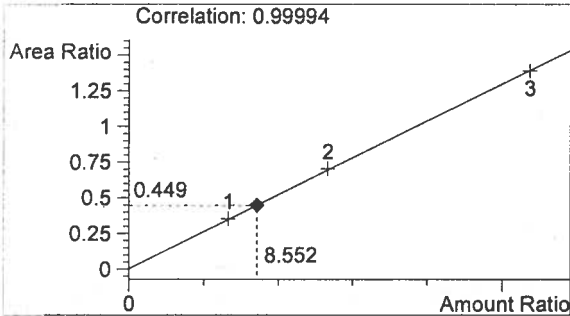
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 43

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

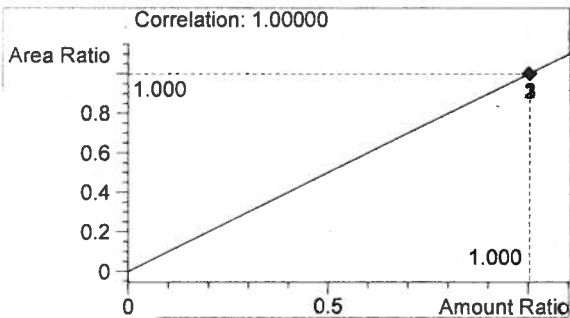
Sample Info: 14073



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.036
2	n-Propanol	2543	1.700



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 12/31/2014 2:28:21 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

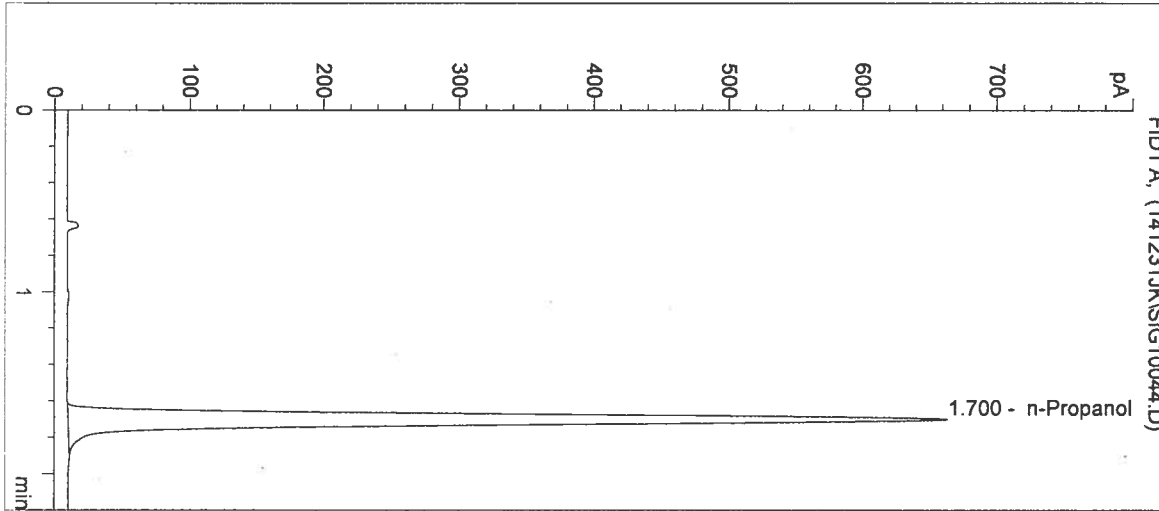
Operator: Justin Knoy

Column: DB-ALC1

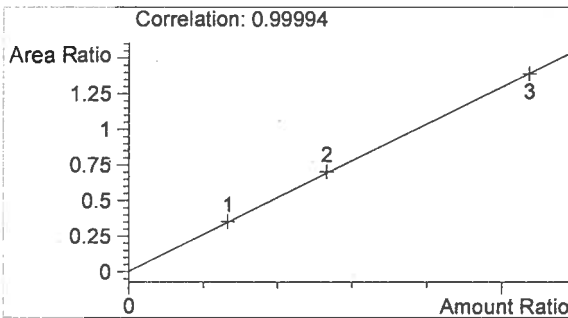
Location: Vial 44

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

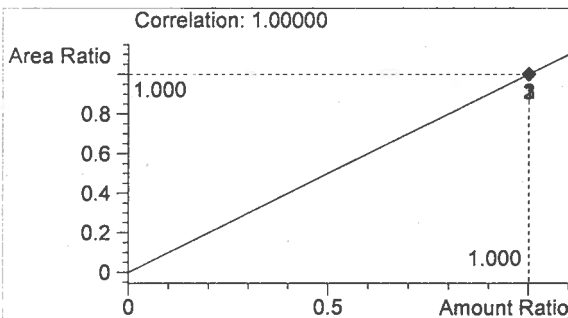
Sample Info: 14073



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2570	1.700



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

AK

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 for 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

*14073
for 1/7/15*

*JK
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!

14073

Initials

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Inj. Date: 1/5/2015 3:53:04 PM

Sample Name: 14073-1

Instrument: HSGC#1

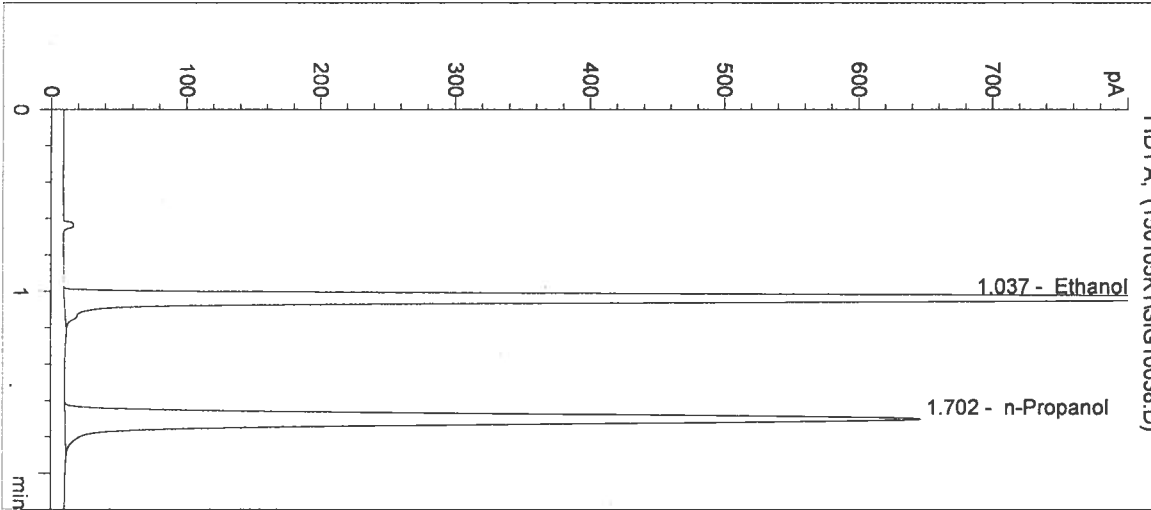
Operator: Katie Harris

Column: DB-ALC1

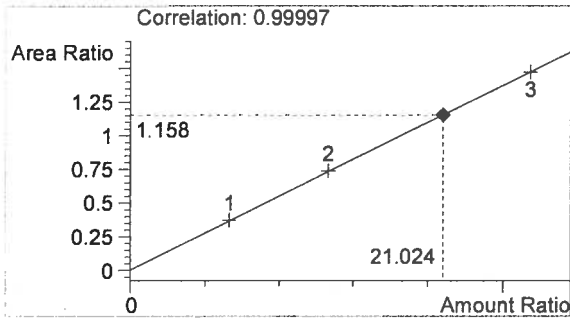
Location: Vial 38

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

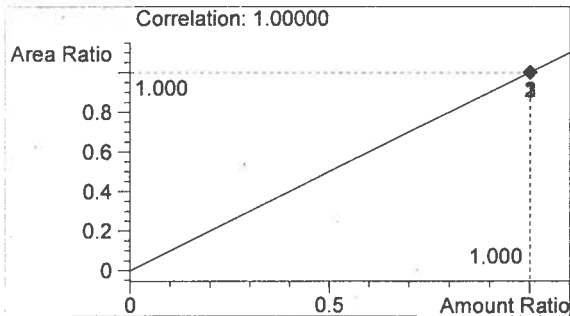
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2896	1.037
2	n-Propanol	2501	1.702



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

for

KH

Inj. Date: 1/5/2015 3:56:14 PM

Sample Name: 14073-2

Instrument: HSGC#1

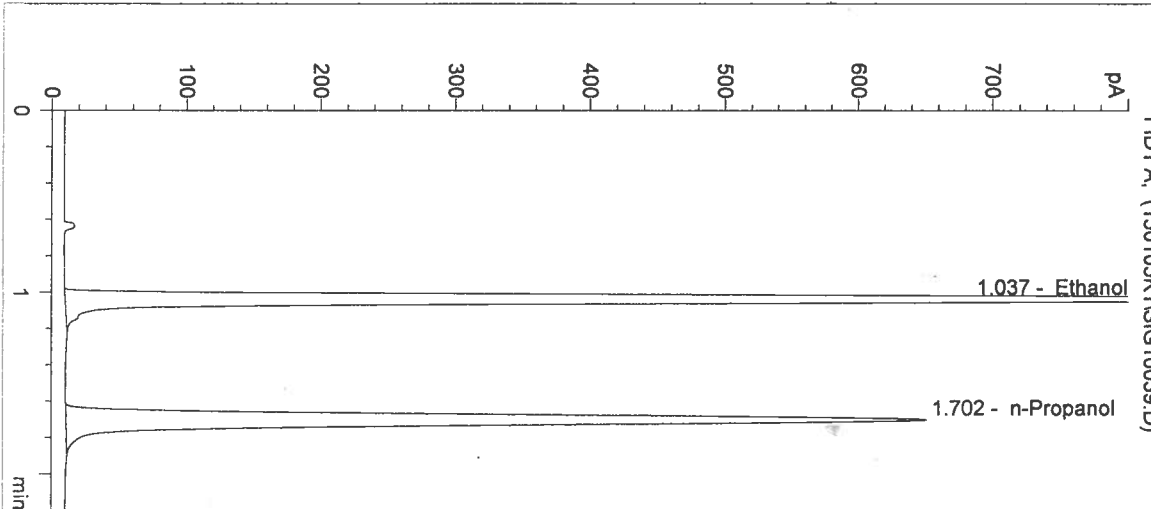
Operator: Katie Harris

Column: DB-ALC1

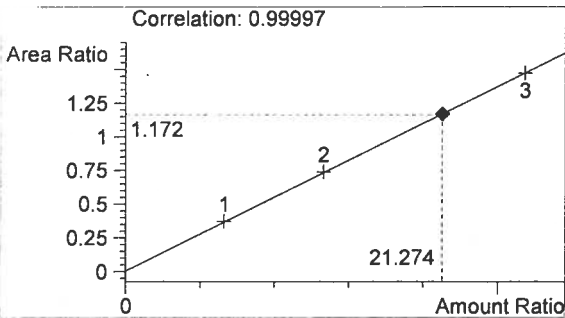
Location: Vial 39

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

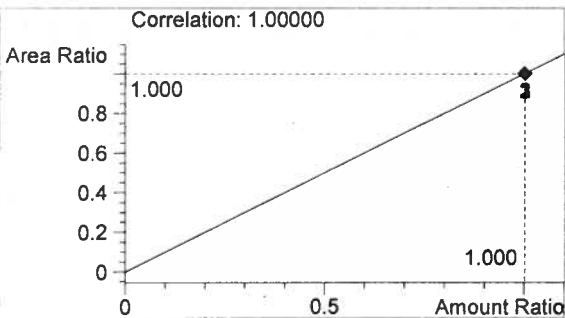
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2943	1.037
2	n-Propanol	2512	1.702



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/5/2015 3:59:27 PM

Sample Name: 14073-3

Instrument: HSGC#1

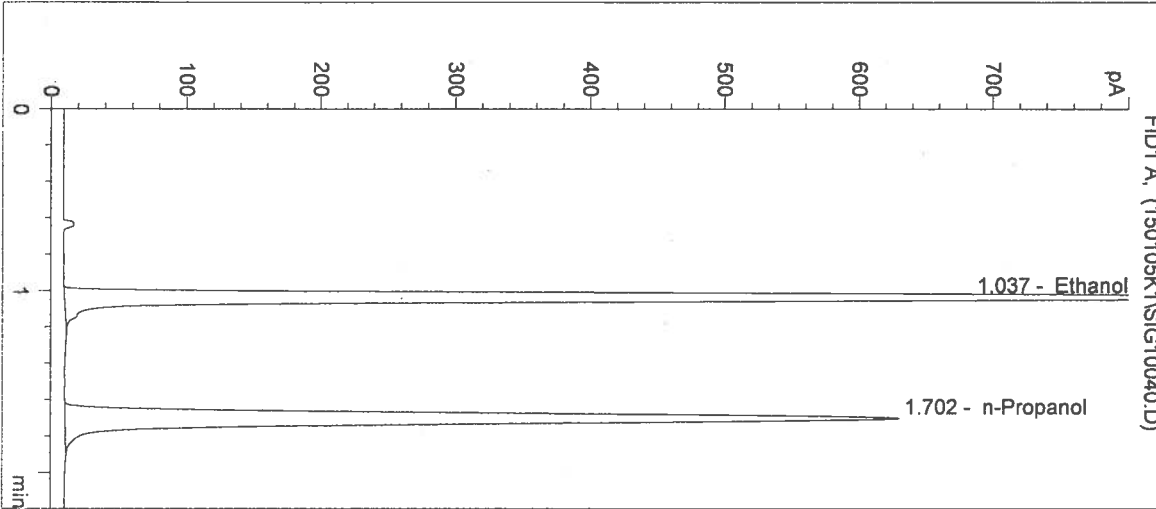
Operator: Katie Harris

Column: DB-ALC1

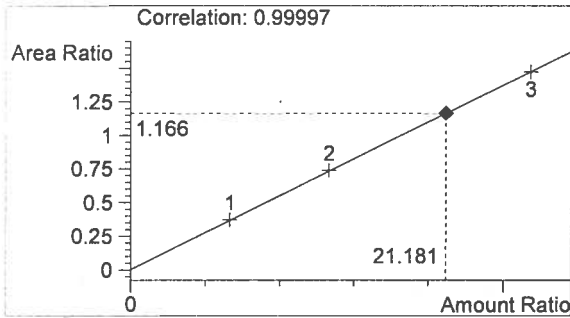
Location: Vial 40

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

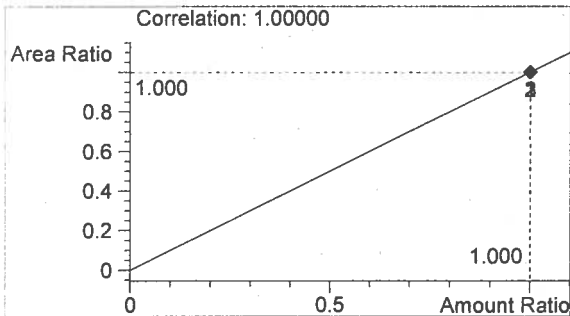
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2843	1.037
2	n-Propanol	2437	1.702



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/5/2015 4:02:41 PM

Sample Name: 14073-4

Instrument: HSGC#1

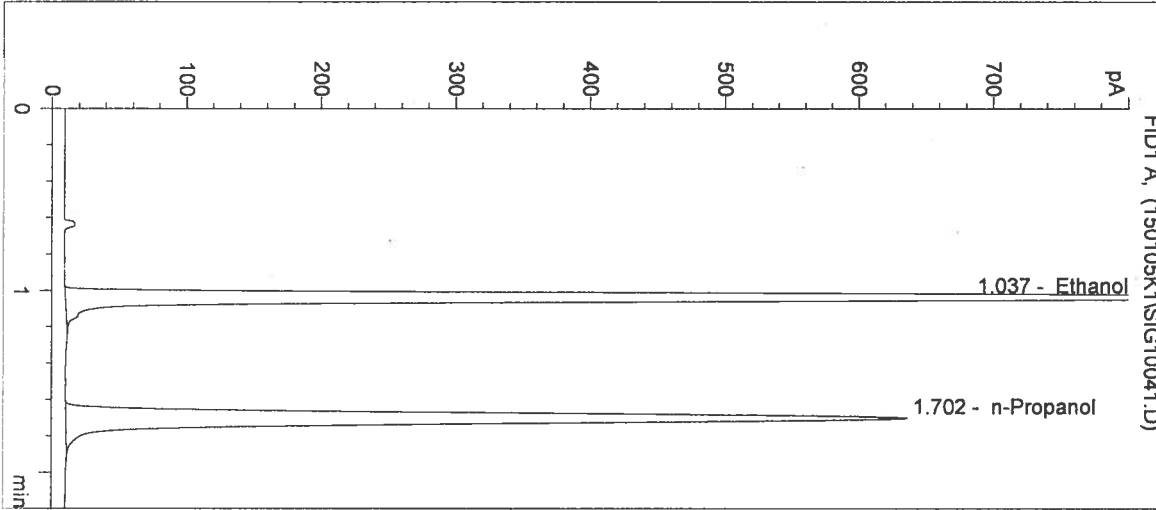
Operator: Katie Harris

Column: DB-ALC1

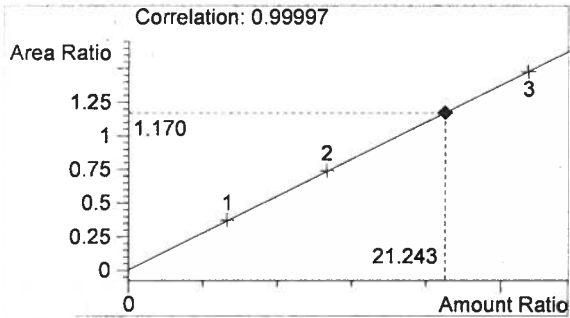
Location: Vial 41

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

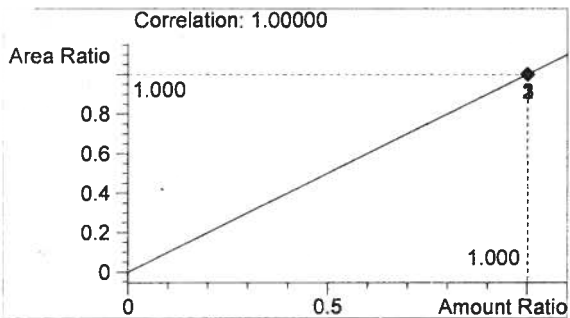
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2876	1.037
2	n-Propanol	2458	1.702



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/5/2015 4:05:55 PM

Sample Name: 14073-5

Instrument: HSGC#1

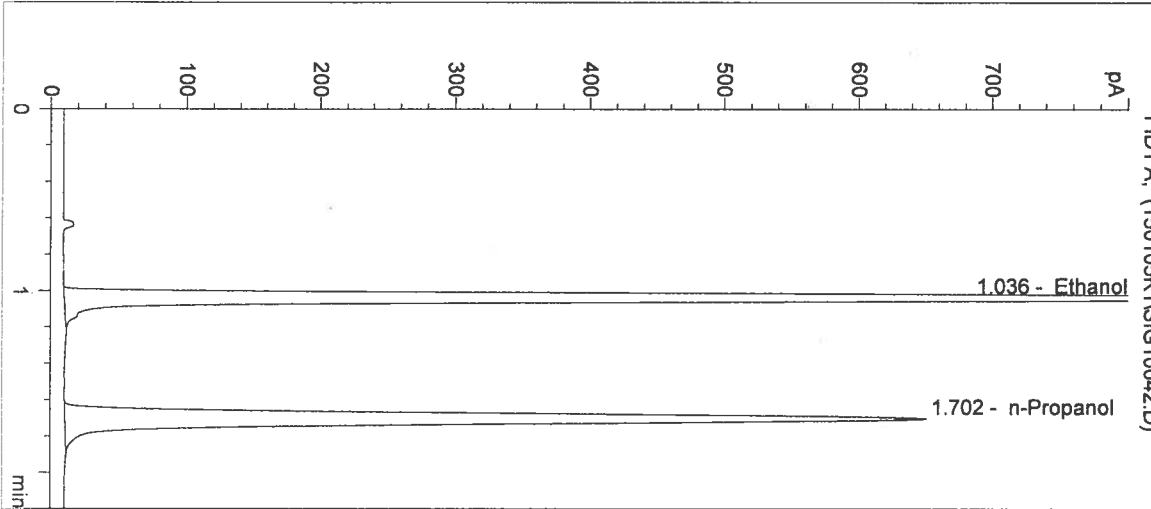
Operator: Katie Harris

Column: DB-ALC1

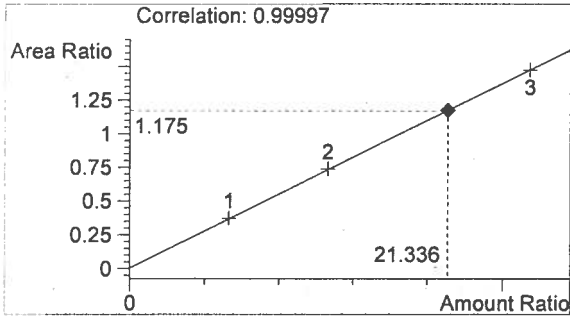
Location: Vial 42

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

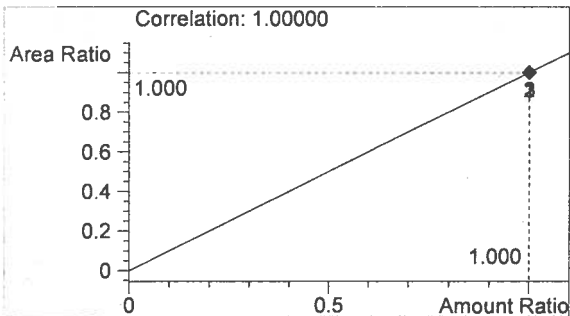
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2951	1.036
2	n-Propanol	2511	1.702



Ethanol 0.256 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/5/2015 4:09:07 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

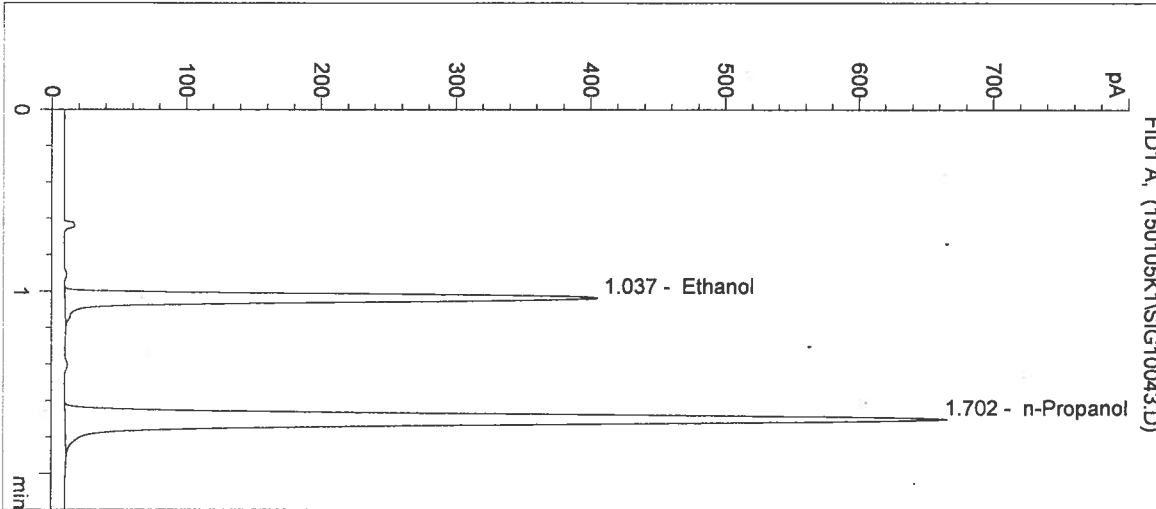
Operator: Katie Harris

Column: DB-ALC1

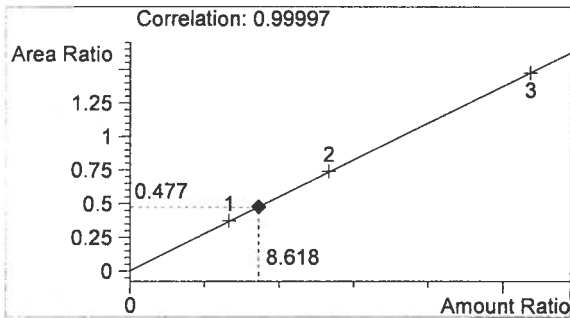
Location: Vial 43

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

Sample Info:



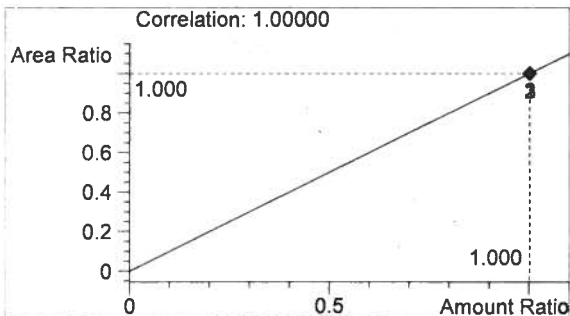
#	Compound	Peak Area	RT (min)
1	Ethanol	1228	1.037
2	n-Propanol	2571	1.702



Ethanol 0.103 g/100mL

14073

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n-Propanol 0.012 g/100mL

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Inj. Date: 1/5/2015 4:12:21 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

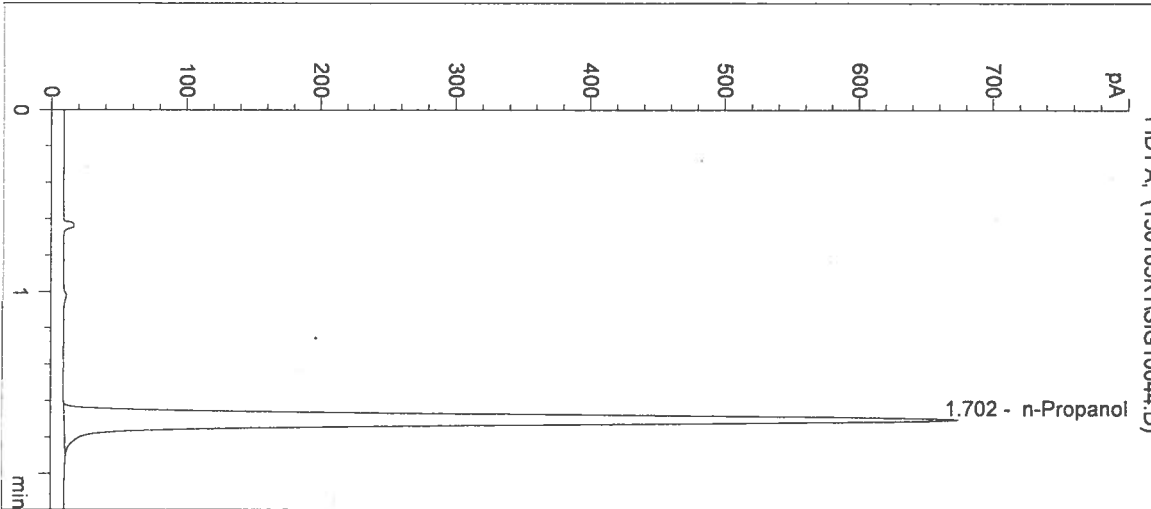
Operator: Katie Harris

Column: DB-ALC1

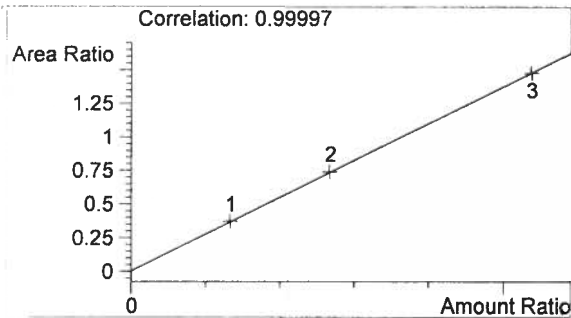
Location: Vial 44

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

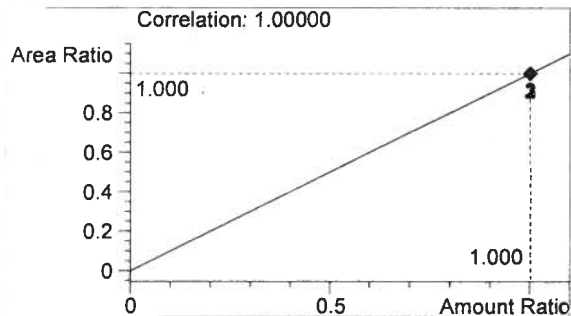
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2610	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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
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1/6/15

Calibrators and controls filed with 14069.

vials 1-9
AG 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		

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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!

14073

Initials

for

[Signature]

Inj. Date: 1/6/2015 1:27:08 PM

Sample Name: QAP 14073 #1

Instrument: HSGC#1

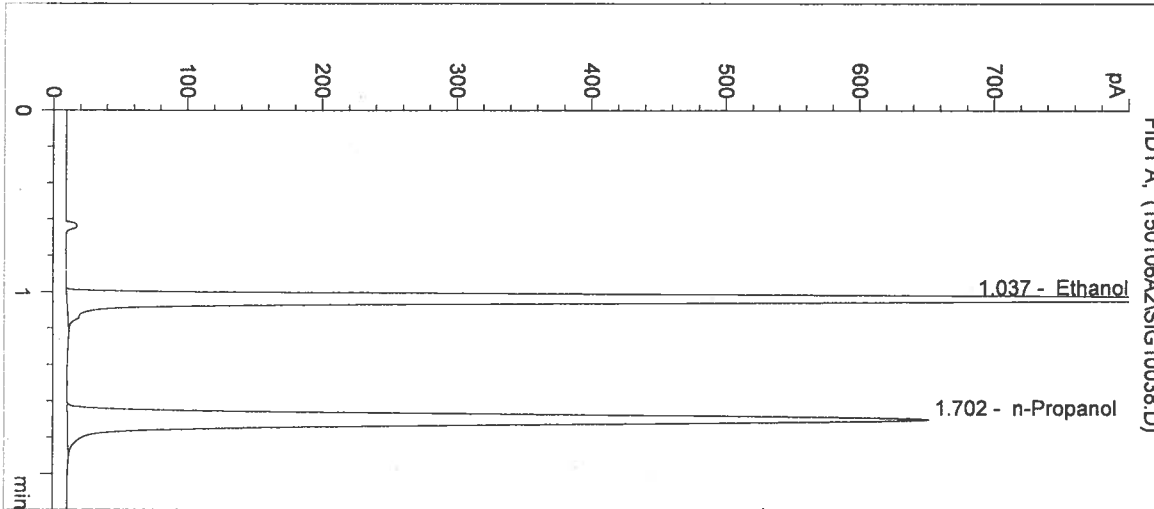
Operator: Andrew Gingras

Column: DB-ALC1

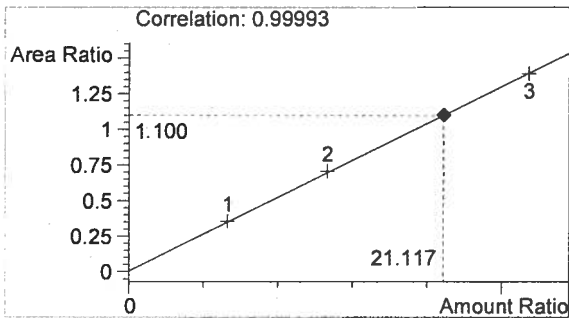
Location: Vial 38

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

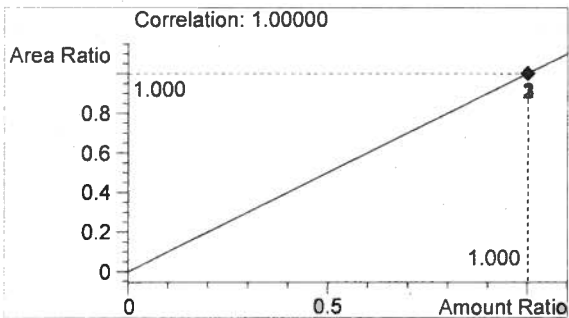
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2772	1.037
2	n-Propanol	2519	1.702



Ethanol 0.253 g/100mL



n-Propanol 0.012 g/100mL

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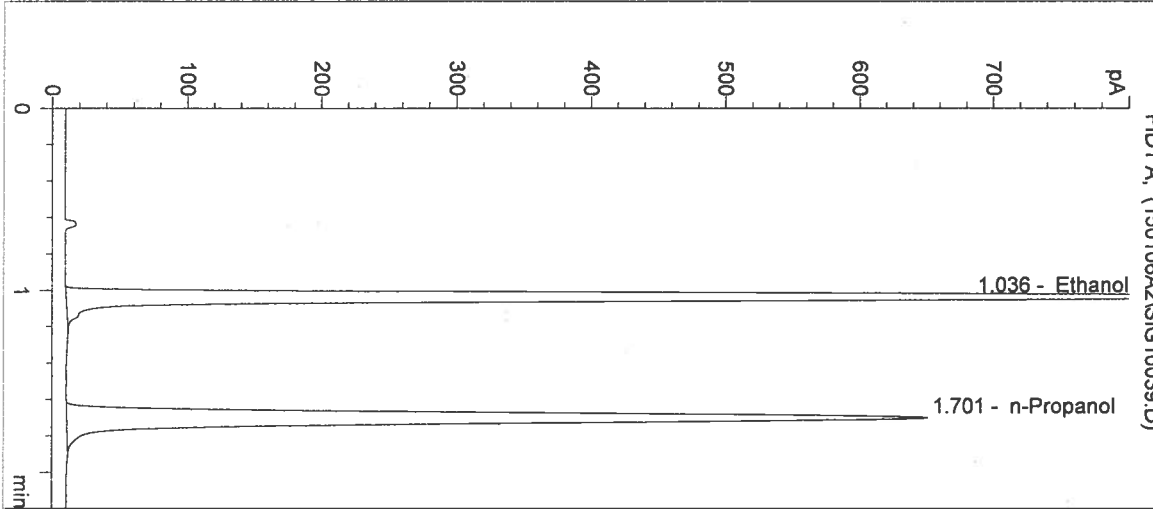
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2015 1:30:21 PM
 Instrument: HSGC#1

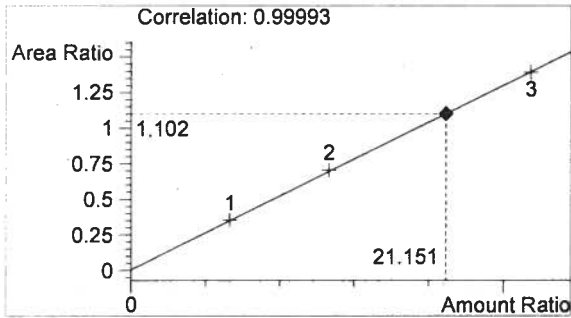
Sample Name: QAP 14073 #2
 Operator: Andrew Gingras
 Location: Vial 39

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

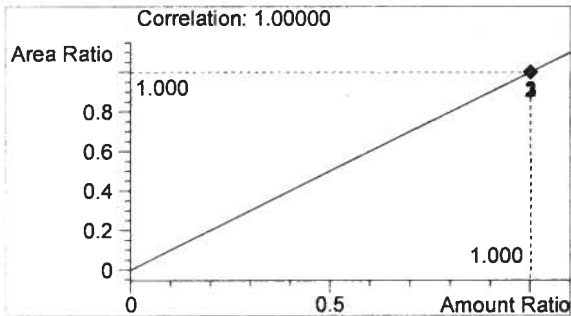
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2771	1.036
2	n-Propanol	2514	1.701



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

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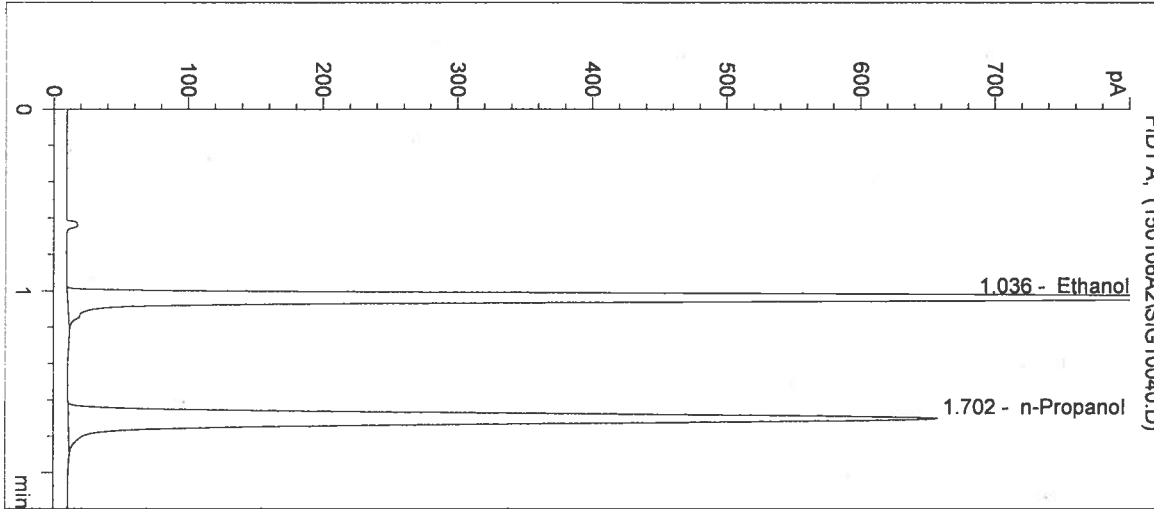
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2015 1:33:34 PM
 Instrument: HSGC#1

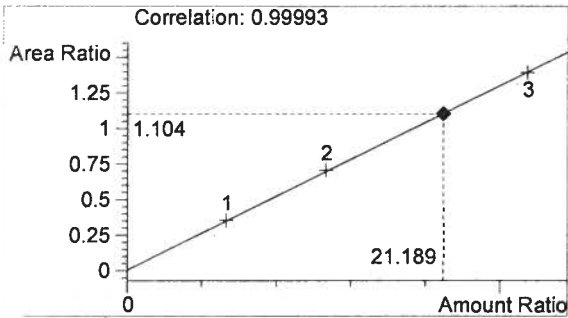
Sample Name: QAP 14073 #3
 Operator: Andrew Gingras
 Location: Vial 40

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

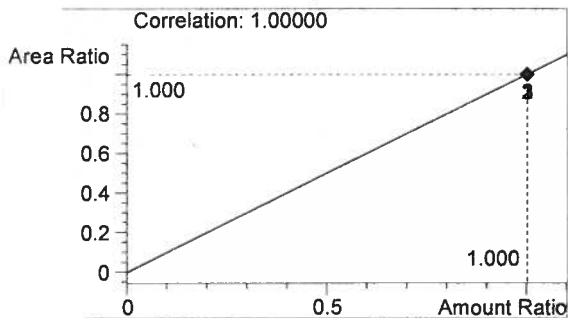
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2803	1.036
2	n-Propanol	2538	1.702



Ethanol 0.254 g/100mL



n-Propanol 0.012 g/100mL

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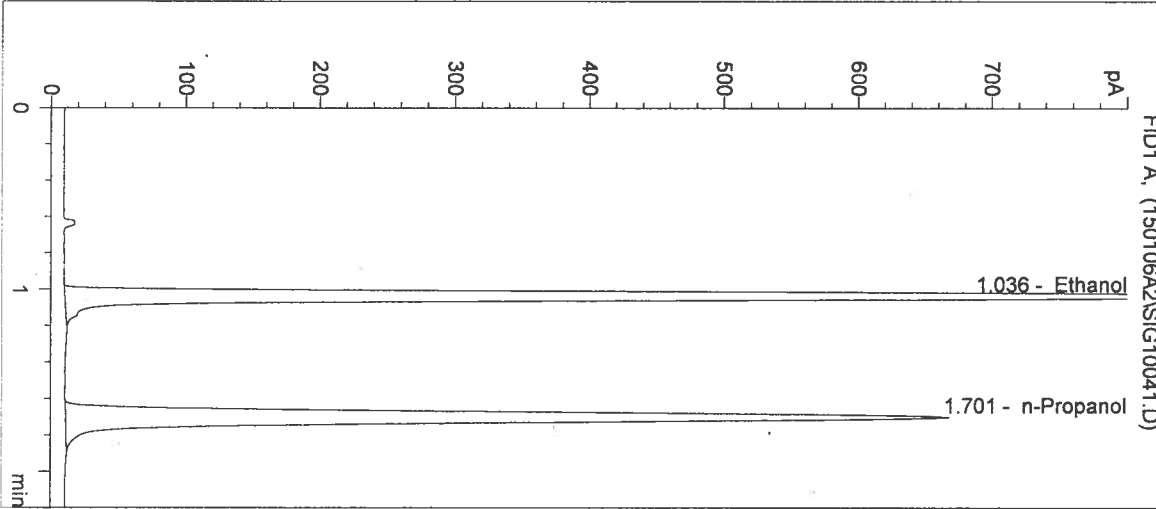
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2015 1:36:47 PM
 Instrument: HSGC#1

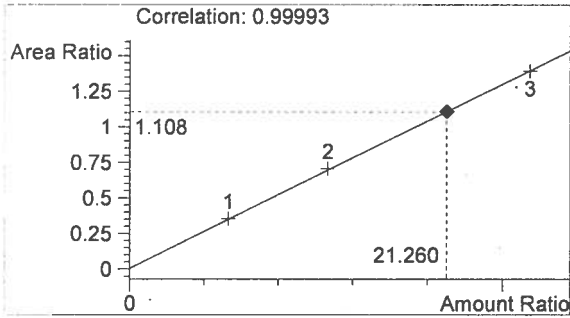
Sample Name: QAP 14073 #4
 Operator: Andrew Gingras
 Location: Vial 41

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

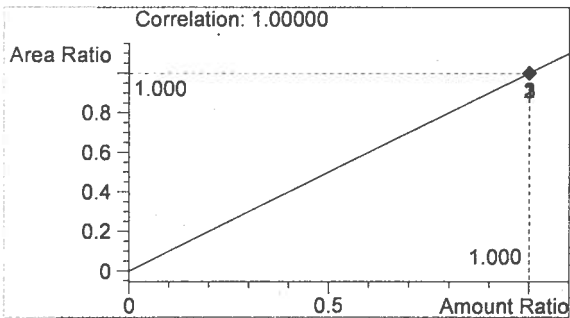
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2858	1.036
2	n-Propanol	2579	1.701



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials

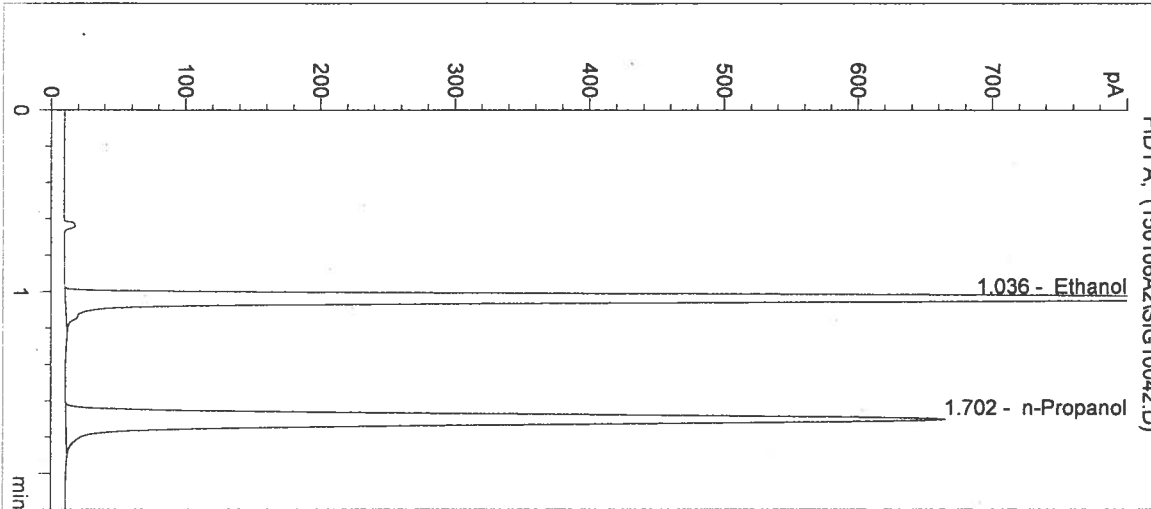
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/6/2015 1:40:01 PM
 Instrument: HSGC#1

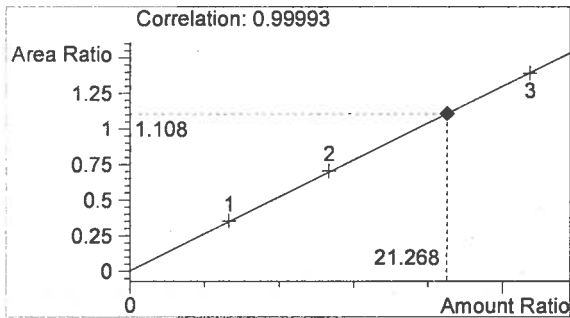
Sample Name: QAP 14073 #5
 Operator: Andrew Gingras
 Location: Vial 42

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

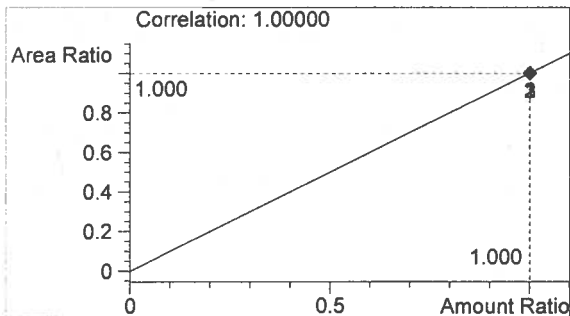
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2847	1.036
2	n-Propanol	2569	1.702



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 1/6/2015 1:43:13 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

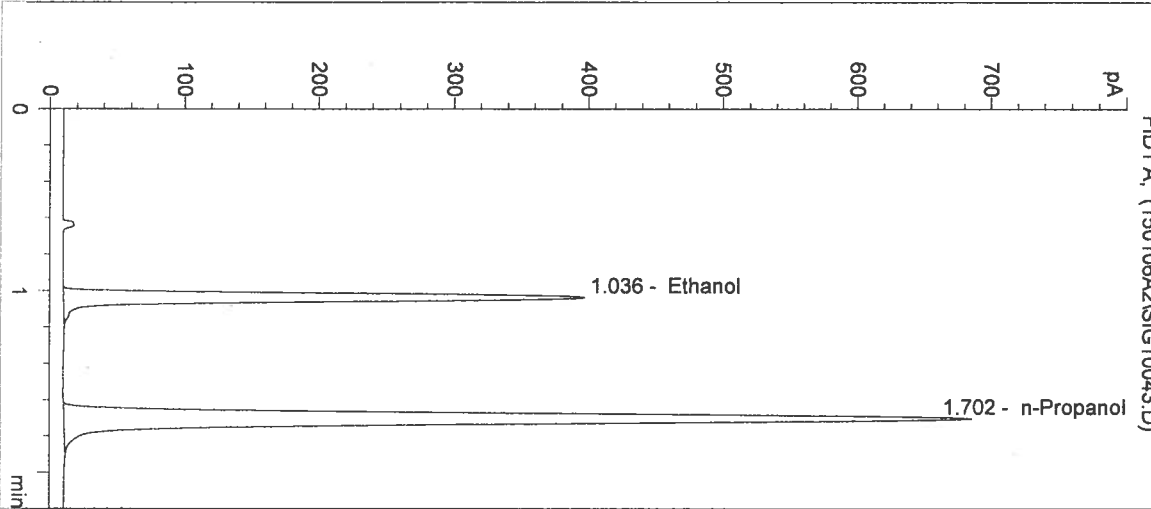
Operator: Andrew Gingras

Column: DB-ALC1

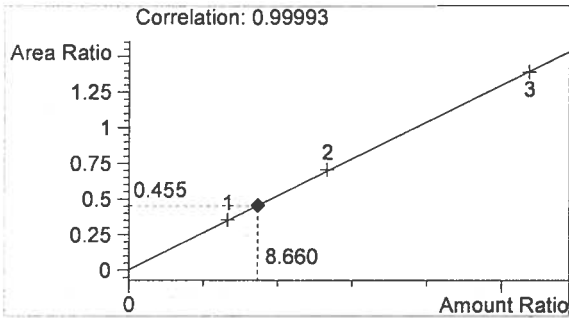
Location: Vial 43

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

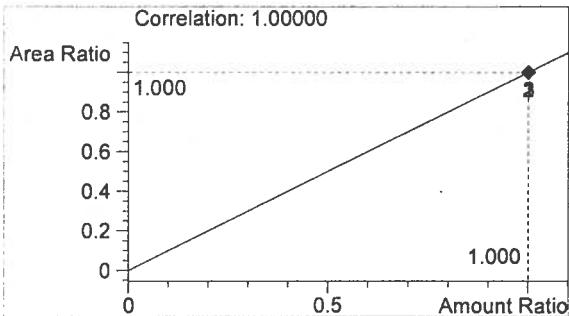
Sample Info: 14073



#	Compound	Peak Area	RT (min)
1	Ethanol	1202	1.036
2	n-Propanol	2643	1.702



Ethanol 0.104 g/100mL

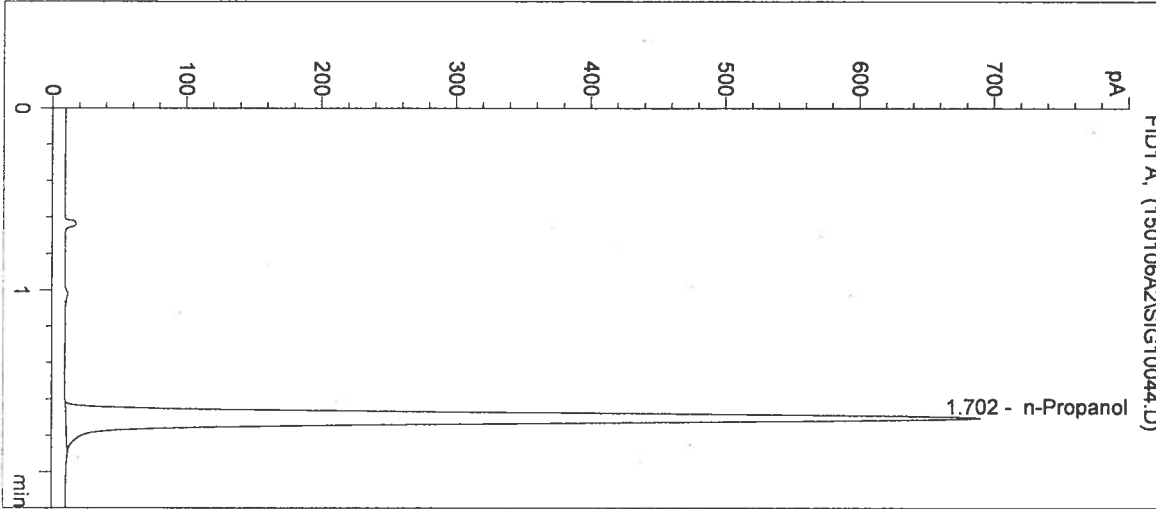


n-Propanol 0.012 g/100mL

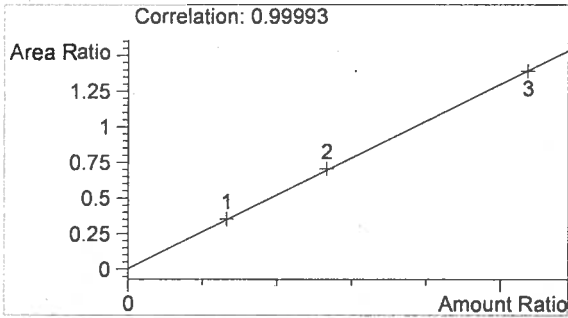
Handwritten signature

Inj. Date: 1/6/2015 1:46:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 14073

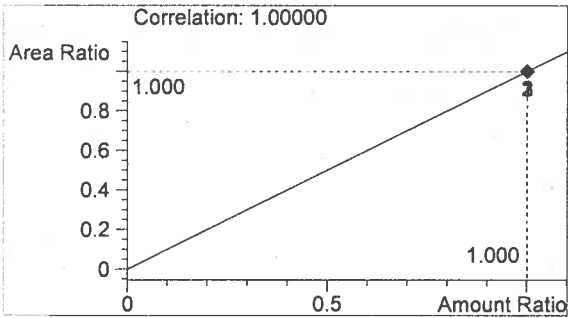
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2666	1.702



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature/initials