



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14042

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: 09/18/2014
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Katie Knorr

	KK	CSJ	LL
1	0.190	0.188	0.191
2	0.189	0.189	0.192
3	0.193	0.189	0.183
4	0.194	0.188	0.187
5	0.194	0.188	0.187
C	0.101	0.098	0.102

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1895 g/100mL PRECISION CV (%): 1.57
STANDARD DEVIATION: 0.00297 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.1540 g/210L
EXPANDED UNCERTAINTY: ± 0.0050 (k=2, 95.45% confidence interval)

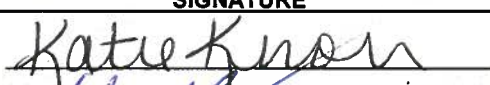
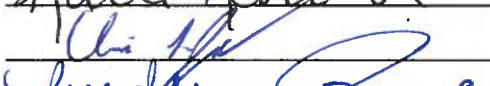
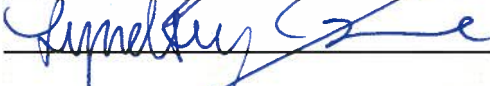
WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

10/13/14
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
KK	Katie Knorr		09/18/2014
CSJ	Christopher S. Johnston		09/24/2014
LL	Lyndsey Lowe		09/25/2014

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

QAP Solution Batch #: 14042

Date Prepared: 9/18/2014

Analyst:	KK	CSJ	LL
Date Tested:	9/18/2014	9/24/2014	9/25/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.190	0.188	0.191
2	0.189	0.189	0.192
3	0.193	0.189	0.183
4	0.194	0.188	0.187
5	0.194	0.188	0.187
C	0.101	0.098	0.102

CV ² _{COA}	CV ² _{QAP Solution}	CV ² _{Control}	CV ² _{Part Coef}
0.0000084100	0.0000164135	0.0001434863	0.0001016326

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

Average Solution Concentration: 0.1895 g/100mL
Standard Deviation: 0.00297 g/100mL
Precision CV (%): 1.57
Equivalent Vapor Concentration: 0.1540 g/210L
Combined Standard Uncertainty (±): 0.0025 g/210L
Expanded Uncertainty (±): 0.0050 coverage factor (k) = 2 (95.45% level of confidence)

28

Calculations performed by: Lisa Noble [Signature] 10/2/14
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 10-10-2014
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 10/2/14
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black

Date: 10-10-2014

Location: WSP-FLSB Seattle, WA

Solution Batch Number: 14042

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

Comments:

Reviewer Signature: _____

Date: 10-10-2014

Reviewer Signature: MA OB 10-10-14

Date: _____

for

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		
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston	CJ	10/3/14
Dawn Sklerov		
Justin Knoy		
Katie Knorr	KK	10/2/14
Lyndsey Lowe	L	10.2.14
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14042



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 14042**

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

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

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

The quality assurance procedure (QAP) solution, Lot Number 14042, was prepared in the Washington State Toxicology Laboratory on 9/18/2014. 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 9/18/2015.

Seattle, WA

Katie Knorr 10/2/14

Katie Knorr

Date

Forensic Toxicologist

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 14042**

I, Christopher S. Johnston, 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 Biochemistry.

The quality assurance procedure (QAP) solution, Lot Number 14042, was prepared in the Washington State Toxicology Laboratory on 9/18/2014. 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 9/18/2015.

Seattle, WA

 10.3.14

Christopher S. Johnston

Date

Forensic Toxicologist

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 14042**


I, Lyndsey Lowe, 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 Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 14042, was prepared in the Washington State Toxicology Laboratory on 9/18/2014. 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 9/18/2015.

Seattle, WA



Lyndsey Lowe 10.3.14
Forensic Toxicologist Date



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

Preparation Date: 9/18/14 Initials of Preparer: KKExpiration Date: 9/18/15Lot # of 200-proof Ethanol used in preparation: 2CK0002Date the 200-proof Ethanol bottle was opened: 8/29/14

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>14040</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14041</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	<u> </u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>14042</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>14043</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 Date 9/18/14

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:

Katie Knorr
Analyst Signature

9/18/14
Date

Sequence Parameters:

Operator: Katie Knorr
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140918KK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E0814-01 - Exp 2/19/15
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15

 CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
 CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
 CTRL 3 (0.20 g/100mL) - Lot#FN03211401 - Exp 06/2019

 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

14040
 14041
 - 14042

 14043

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14040-1	SIMALC3	1	Sample		
11	Vial 11	14040-2	SIMALC3	1	Sample		
12	Vial 12	14040-3	SIMALC3	1	Sample		
13	Vial 13	14040-4	SIMALC3	1	Sample		
14	Vial 14	14040-5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14041-1	SIMALC3	1	Sample		
18	Vial 18	14041-2	SIMALC3	1	Sample		
19	Vial 19	14041-3	SIMALC3	1	Sample		
20	Vial 20	14041-4	SIMALC3	1	Sample		
21	Vial 21	14041-5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14042-1	SIMALC3	1	Sample		
25	Vial 25	14042-2	SIMALC3	1	Sample		
26	Vial 26	14042-3	SIMALC3	1	Sample		

Do not use data KK 9/18/14

Do Not use data KK 9/18/14

Stamped 10/2/14 In robot

JK

KK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14042-4	SIMALC3	1	Sample		
28	Vial 28	14042-5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14043-1	SIMALC3	1	Sample		
32	Vial 32	14043-2	SIMALC3	1	Sample		
33	Vial 33	14043-3	SIMALC3	1	Sample		
34	Vial 34	14043-4	SIMALC3	1	Sample		
35	Vial 35	14043-5	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

1 4 0 4 0

1 4 0 4 1

1 4 0 4 2

1 4 0 4 3

Stamped
10/2/14
In 10/8/14

h

KK

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

Inj. Date: 9/18/2014 11:54:23 AM

Sample Name: 14042-1

Instrument: HSGC#3

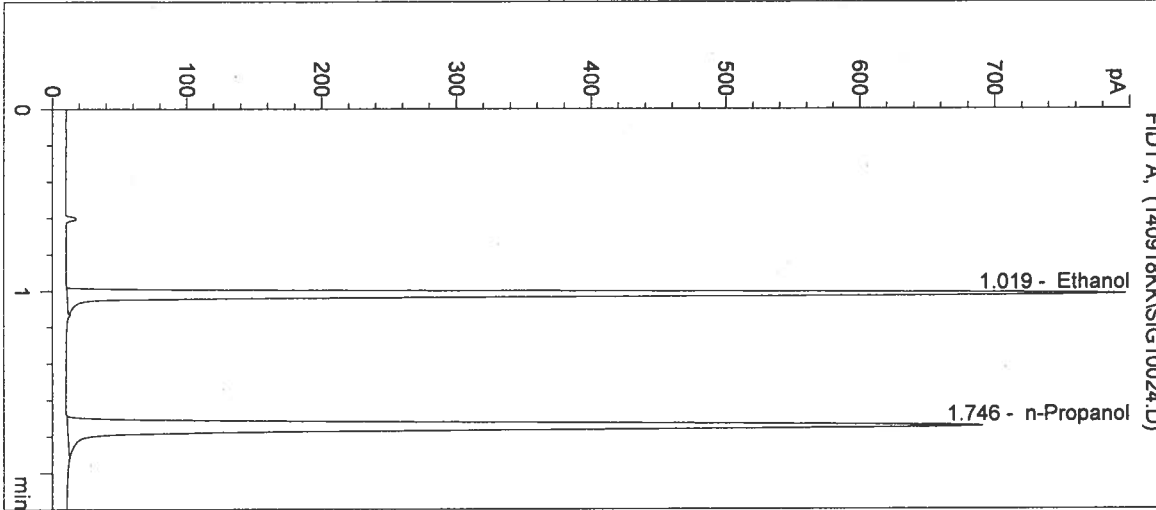
Operator: Katie Knorr

Column: DB-ALC2

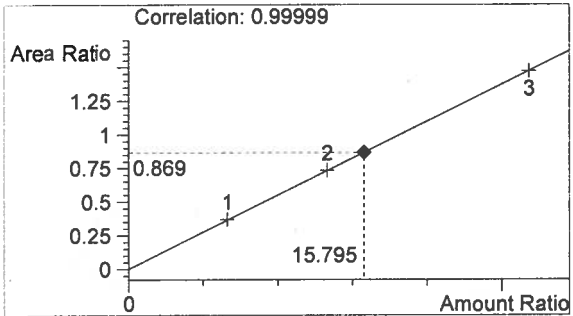
Location: Vial 24

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

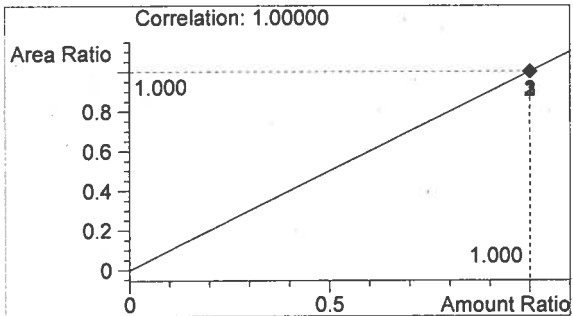
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1580	1.019
2	n-Propanol	1818	1.746



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

25

KK

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

Inj. Date: 9/18/2014 11:57:36 AM

Sample Name: 14042-2

Instrument: HSGC#3

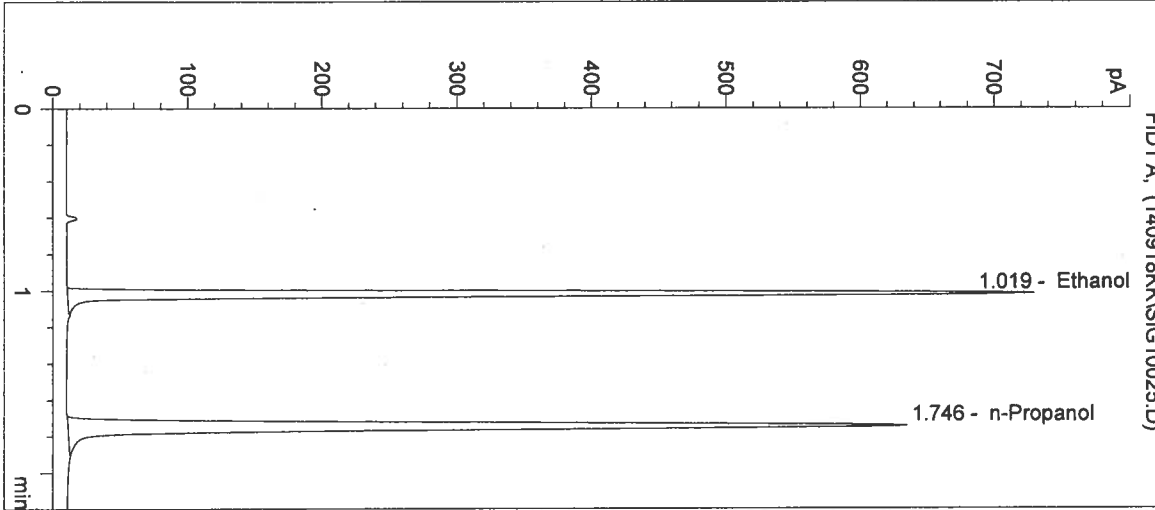
Operator: Katie Knorr

Column: DB-ALC2

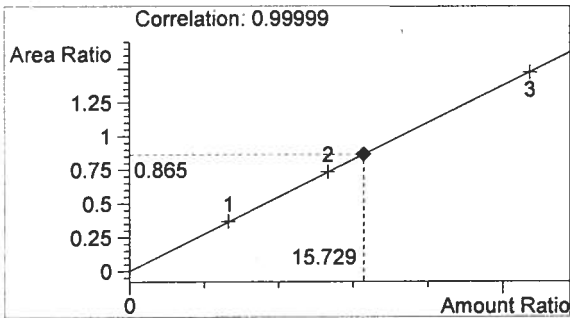
Location: Vial 25

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

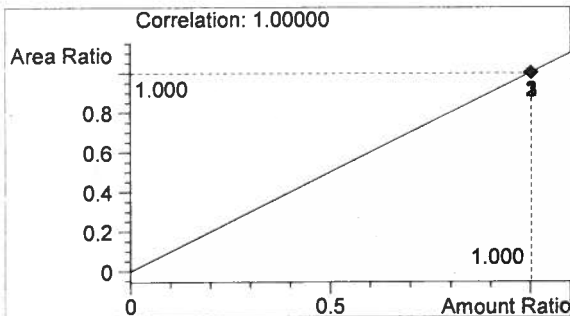
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1446	1.019
2	n-Propanol	1671	1.746



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

h

KK

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

Inj. Date: 9/18/2014 12:00:50 PM

Sample Name: 14042-3

Instrument: HSGC#3

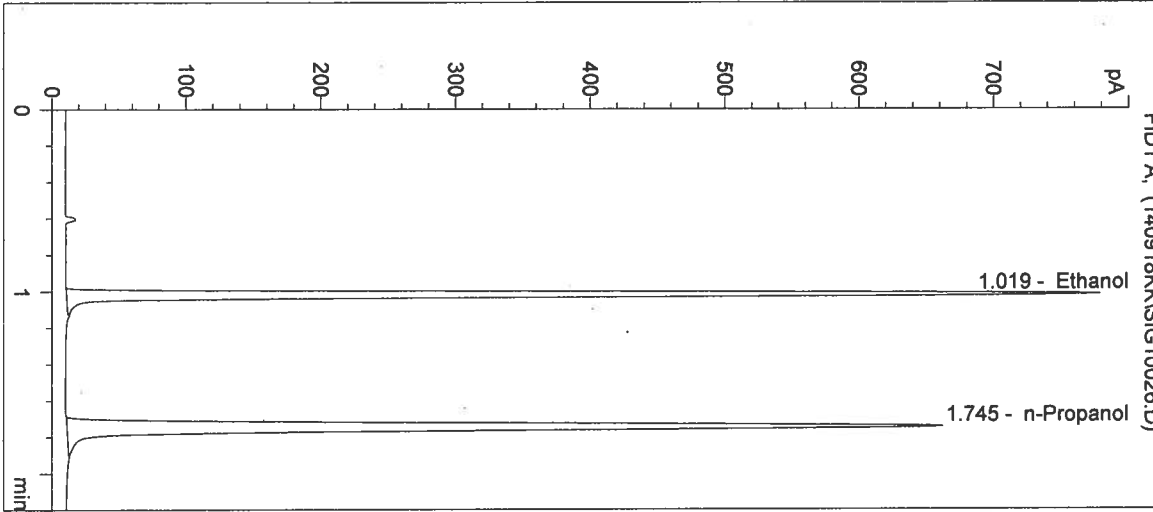
Operator: Katie Knorr

Column: DB-ALC2

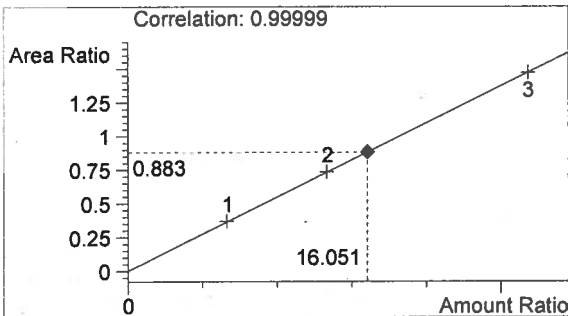
Location: Vial 26

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

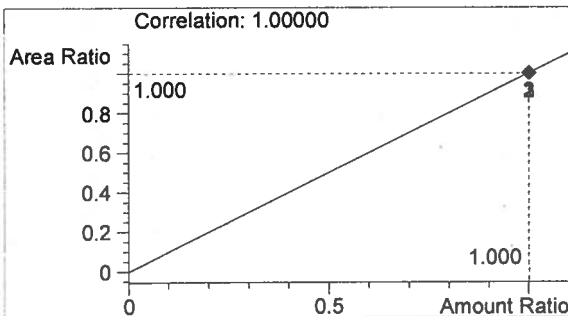
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1543	1.019
2	n-Propanol	1748	1.745



Ethanol 0.193 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten initials 'KK'

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

Inj. Date: 9/18/2014 12:04:03 PM

Sample Name: 14042-4

Instrument: HSGC#3

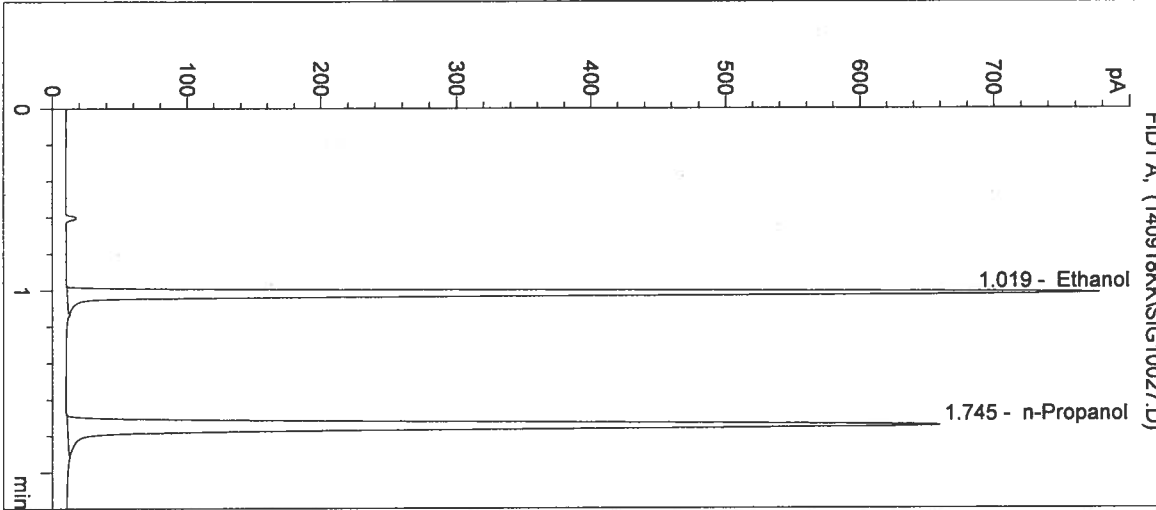
Operator: Katie Knorr

Column: DB-ALC2

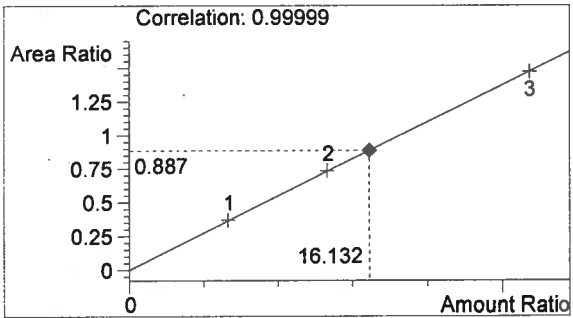
Location: Vial 27

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

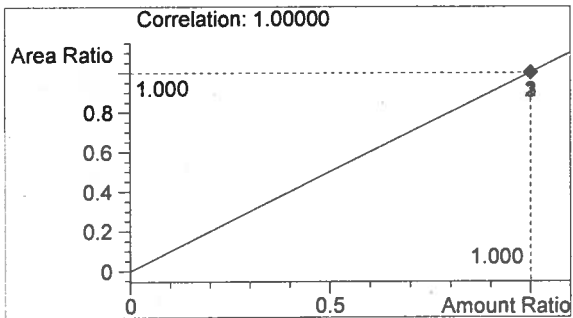
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1544	1.019
2	n-Propanol	1740	1.745



Ethanol 0.194 g/100mL



n-Propanol 0.012 g/100mL

h

KK

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

Inj. Date: 9/18/2014 12:07:16 PM

Sample Name: 14042-5

Instrument: HSGC#3

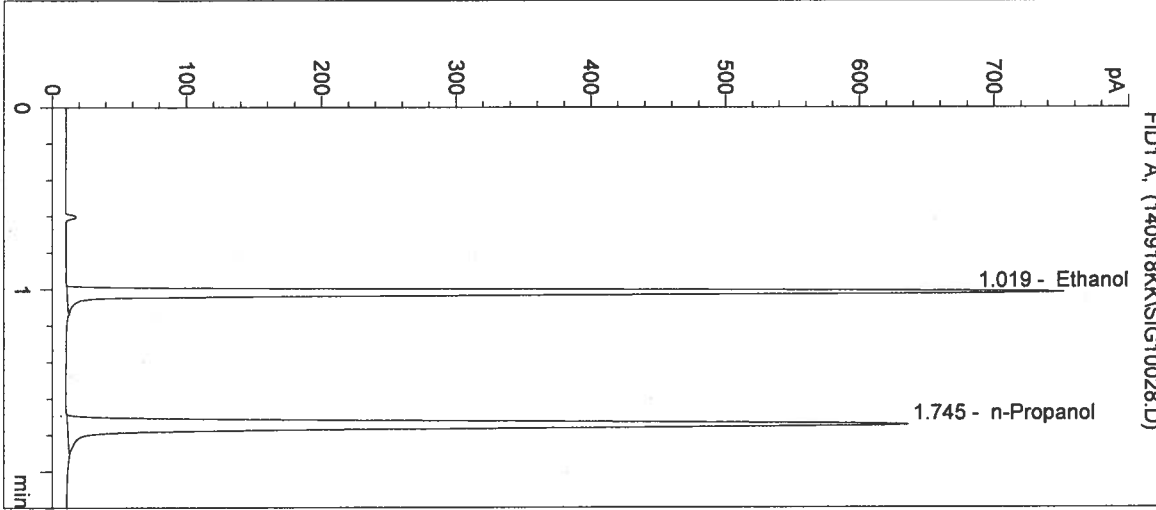
Operator: Katie Knorr

Column: DB-ALC2

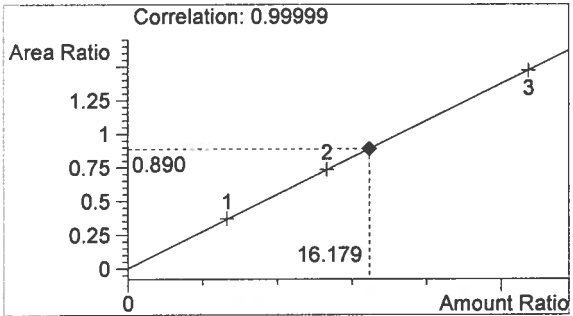
Location: Vial 28

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

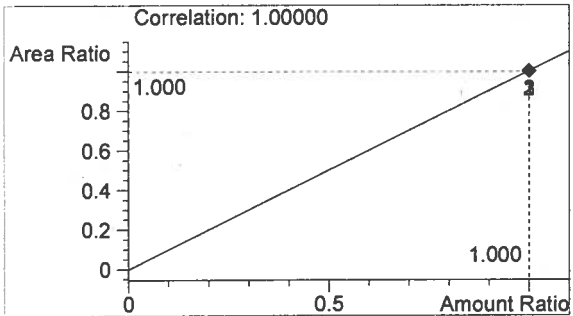
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1491	1.019
2	n-Propanol	1676	1.745



Ethanol 0.194 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

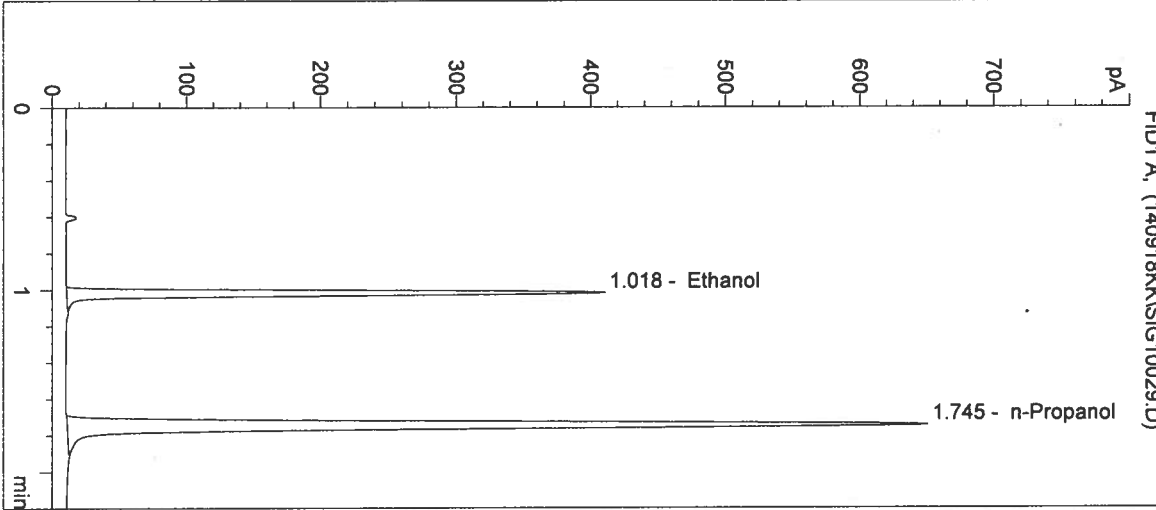
Handwritten initials KK

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

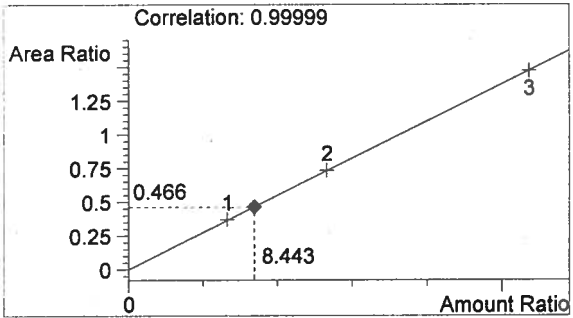
Inj. Date: 9/18/2014 12:10:30 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: 0.10 Control
 Operator: Katie Knorr
 Location: Vial 29

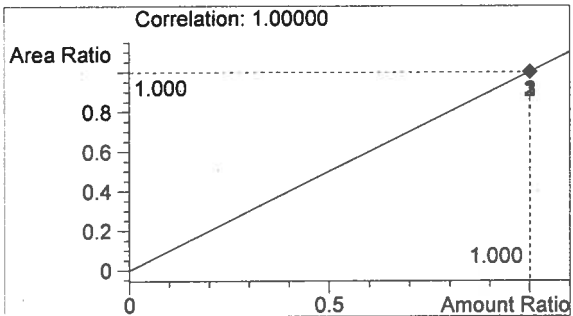
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	800	1.018
2	n-Propanol	1716	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

14042
 Stamped
 10/2/14
 In 10/8/14
 L

KK

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

Inj. Date: 9/18/2014 12:13:43 PM

Sample Name: Neg Control

Instrument: HSGC#3

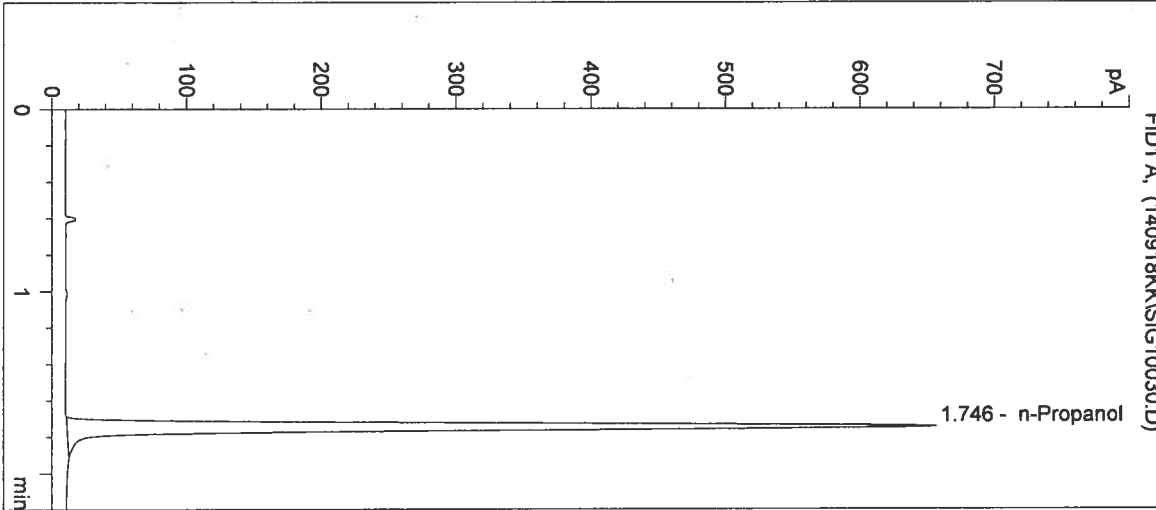
Operator: Katie Knorr

Column: DB-ALC2

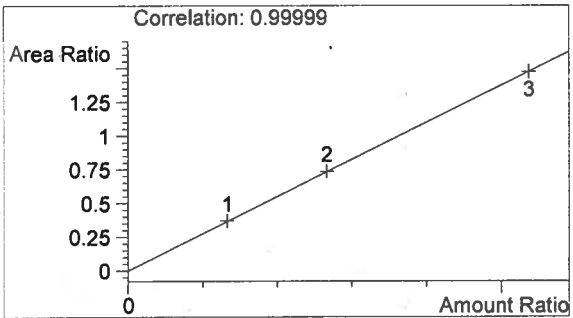
Location: Vial 30

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

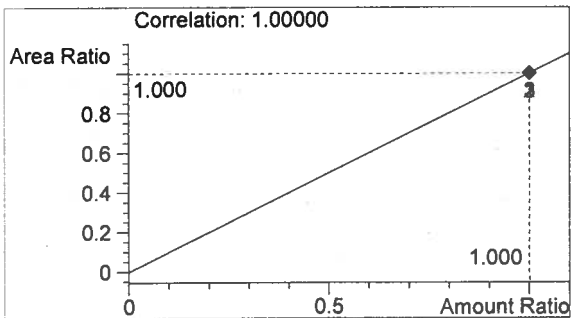
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1729	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14042

stamped

10/2/14

on 10/8/14

[Handwritten signature]

[Handwritten initials]

Sequence Parameters:

Operator: Chris Johnston
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140924CJ
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E0814-01 - Exp 2/19/15
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15
 CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
 CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
 CTRL 3 (0.20 g/100mL) - Lot#FN03211401 - Exp 06/2019
 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14040-1	SIMALC3	1	Sample		
11	Vial 11	14040-2	SIMALC3	1	Sample		
12	Vial 12	14040-3	SIMALC3	1	Sample		
13	Vial 13	14040-4	SIMALC3	1	Sample		
14	Vial 14	14040-5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14041-1	SIMALC3	1	Sample		
18	Vial 18	14041-2	SIMALC3	1	Sample		
19	Vial 19	14041-3	SIMALC3	1	Sample		
20	Vial 20	14041-4	SIMALC3	1	Sample		
21	Vial 21	14041-5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14042-1	SIMALC3	1	Sample		
25	Vial 25	14042-2	SIMALC3	1	Sample		
26	Vial 26	14042-3	SIMALC3	1	Sample		

14040
 14041
 14042
 14043
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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14042-4	SIMALC3	1	Sample		
28	Vial 28	14042-5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14043-1	SIMALC3	1	Sample		
32	Vial 32	14043-2	SIMALC3	1	Sample		
33	Vial 33	14043-3	SIMALC3	1	Sample		
34	Vial 34	14043-4	SIMALC3	1	Sample		
35	Vial 35	14043-5	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

1 4 0 4 0

1 4 0 4 1

1 4 0 4 2

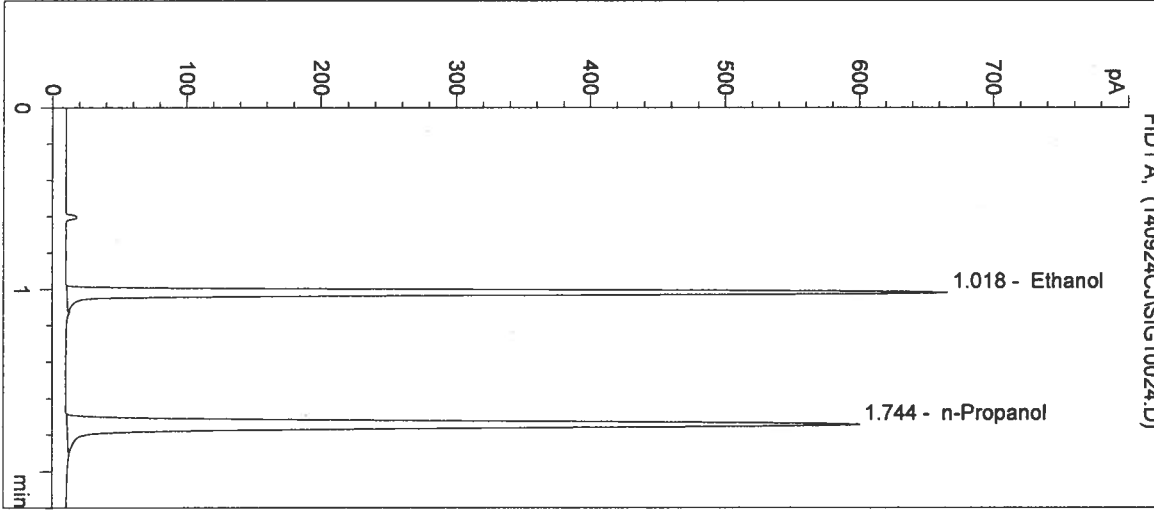
1 4 0 4 3

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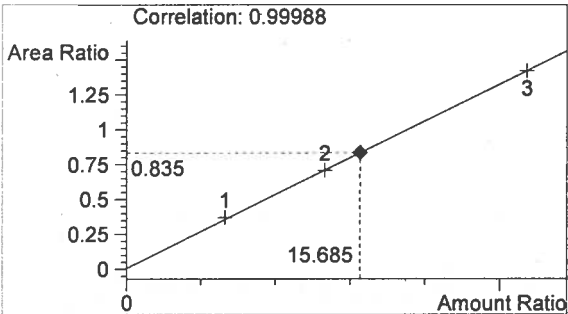
Lu

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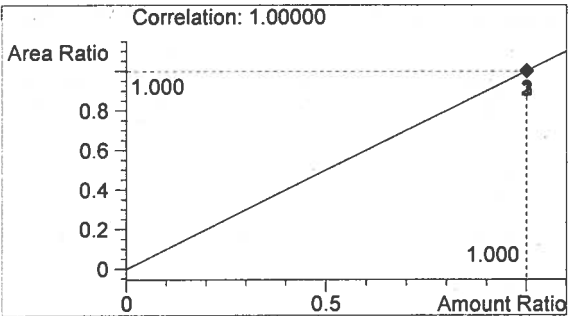
Inj. Date: 9/24/2014 10:22:22 AM Sample Name: 14042-1
Instrument: HSGC#3 Operator: Chris Johnston
Column: DB-ALC2 Location: Vial 24
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1322	1.018
2	n-Propanol	1583	1.744



Ethanol 0.188 g/100mL



n-Propanol 0.012 g/100mL

sh

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/24/2014 10:25:35 AM

Sample Name: 14042-2

Instrument: HSGC#3

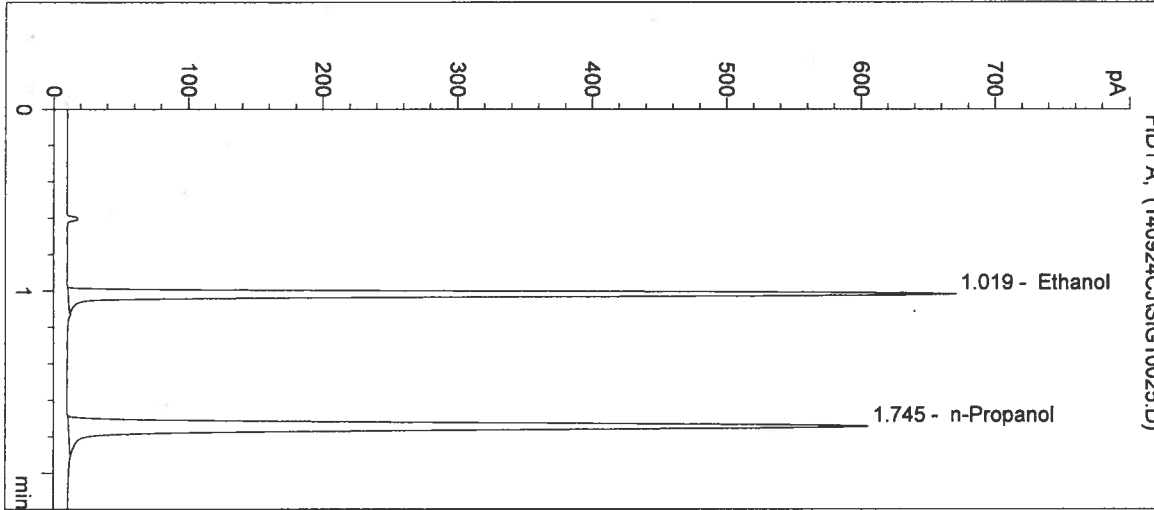
Operator: Chris Johnston

Column: DB-ALC2

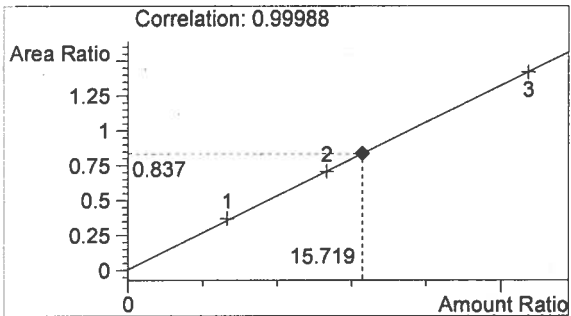
Location: Vial 25

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

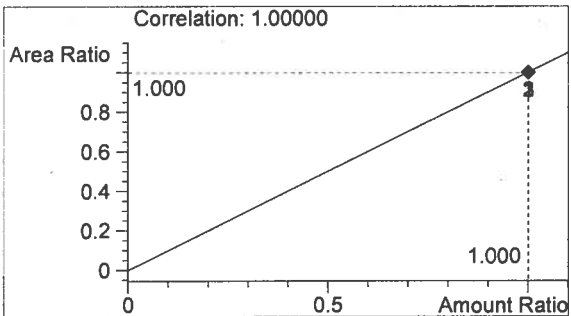
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1338	1.019
2	n-Propanol	1599	1.745



Ethanol 0.189 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: 9/24/2014 10:28:49 AM

Sample Name: 14042-3

Instrument: HSGC#3

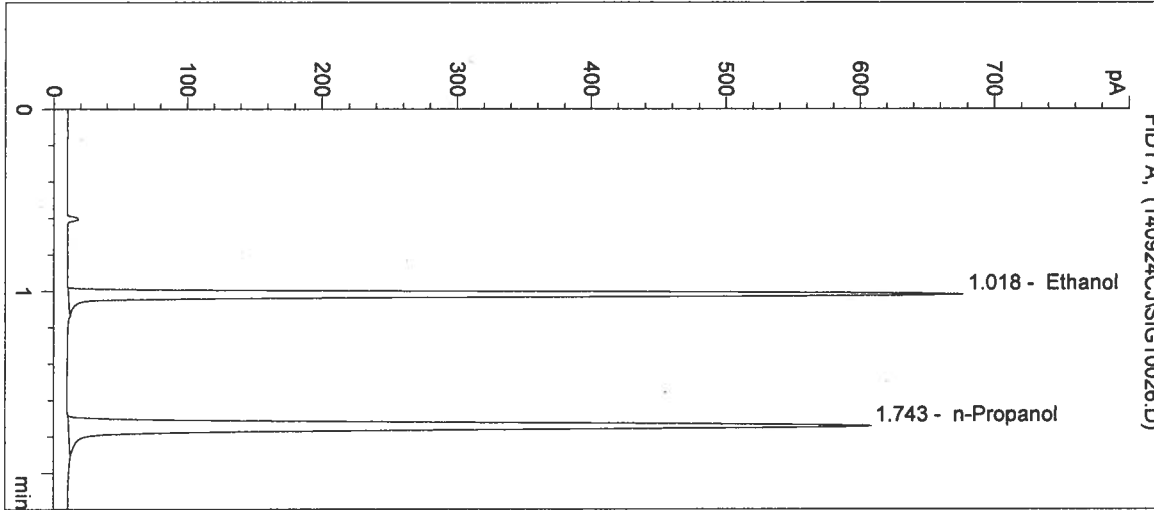
Operator: Chris Johnston

Column: DB-ALC2

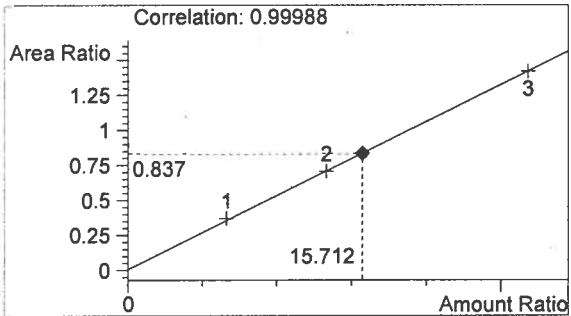
Location: Vial 26

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

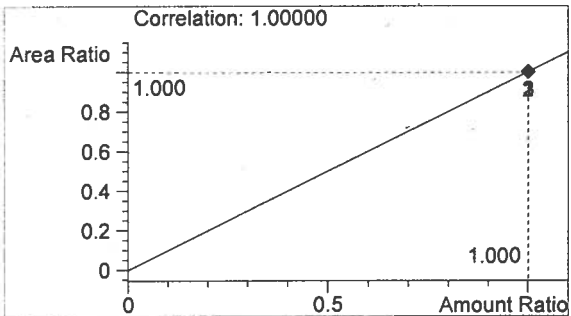
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1339	1.018
2	n-Propanol	1600	1.743



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

h

J

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/24/2014 10:32:02 AM

Sample Name: 14042-4

Instrument: HSGC#3

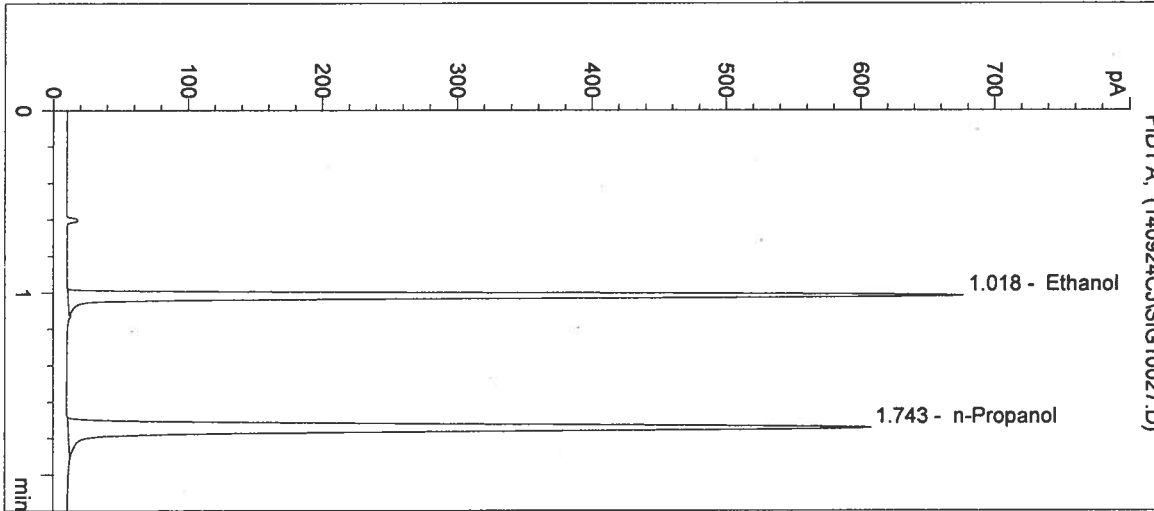
Operator: Chris Johnston

Column: DB-ALC2

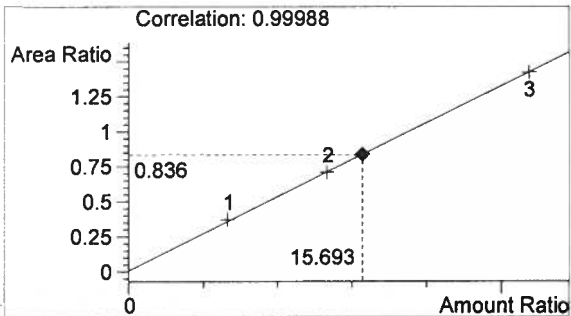
Location: Vial 27

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

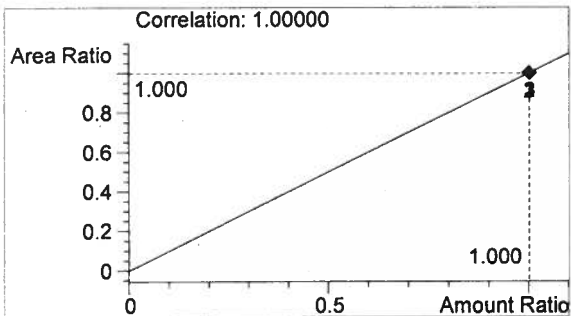
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.018
2	n-Propanol	1601	1.743



Ethanol 0.188 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: 9/24/2014 10:35:16 AM

Sample Name: 14042-5

Instrument: HSGC#3

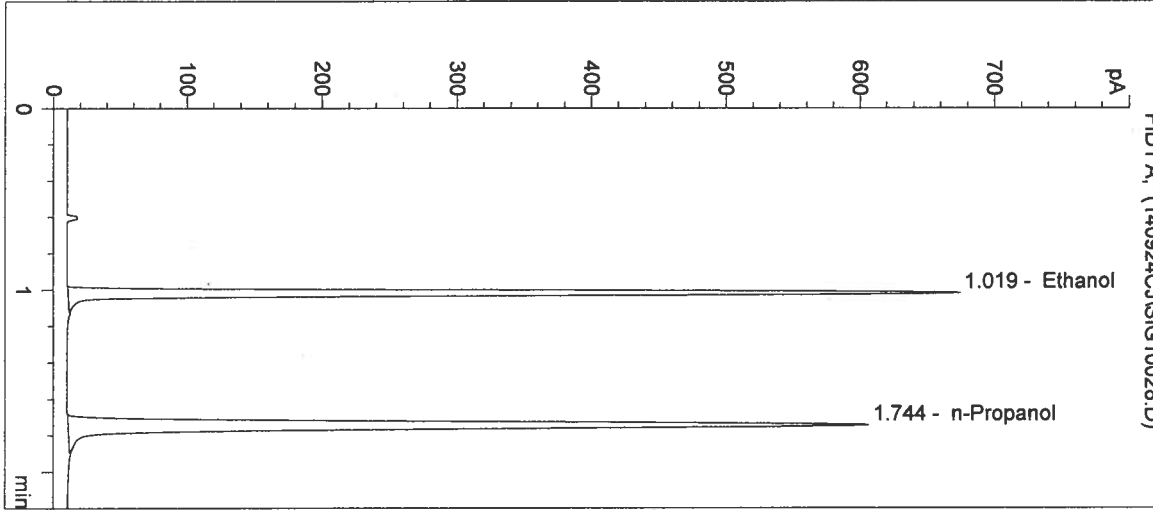
Operator: Chris Johnston

Column: DB-ALC2

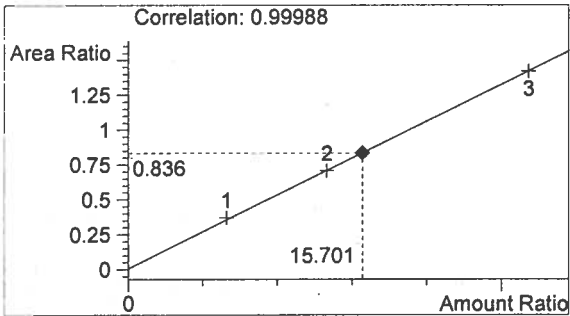
Location: Vial 28

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

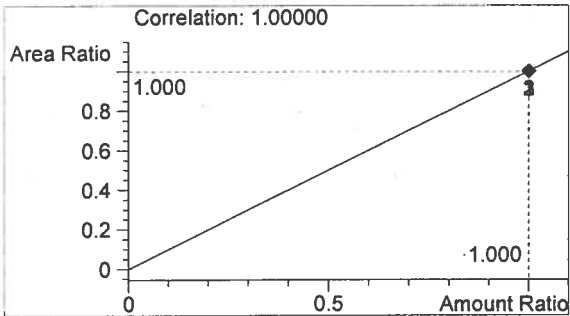
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1337	1.019
2	n-Propanol	1600	1.744



Ethanol 0.188 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 9/24/2014 10:38:29 AM

Sample Name: 0.10 Control

Instrument: HSGC#3

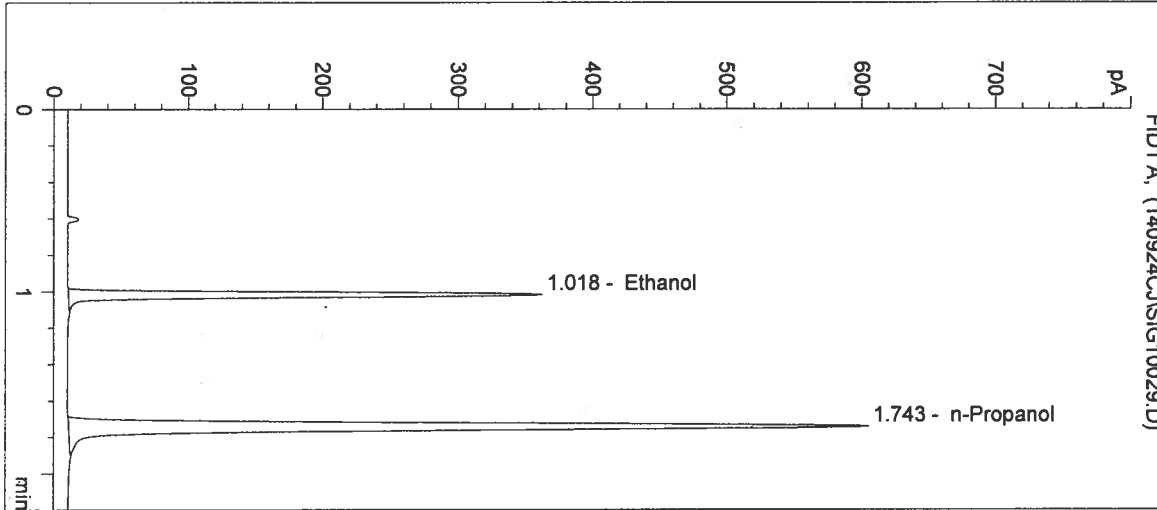
Operator: Chris Johnston

Column: DB-ALC2

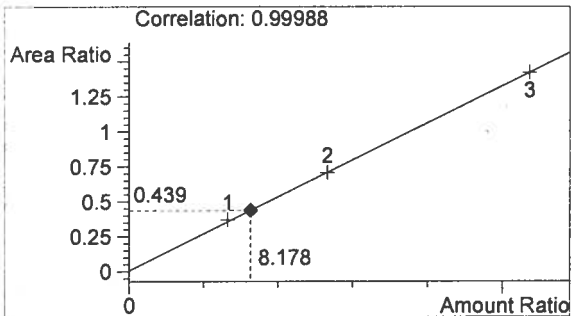
Location: Vial 29

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

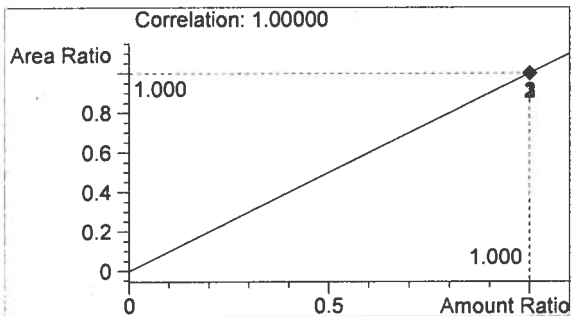
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.018
2	n-Propanol	1591	1.743



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 9/24/2014 10:41:43 AM

Sample Name: Neg Control

Instrument: HSGC#3

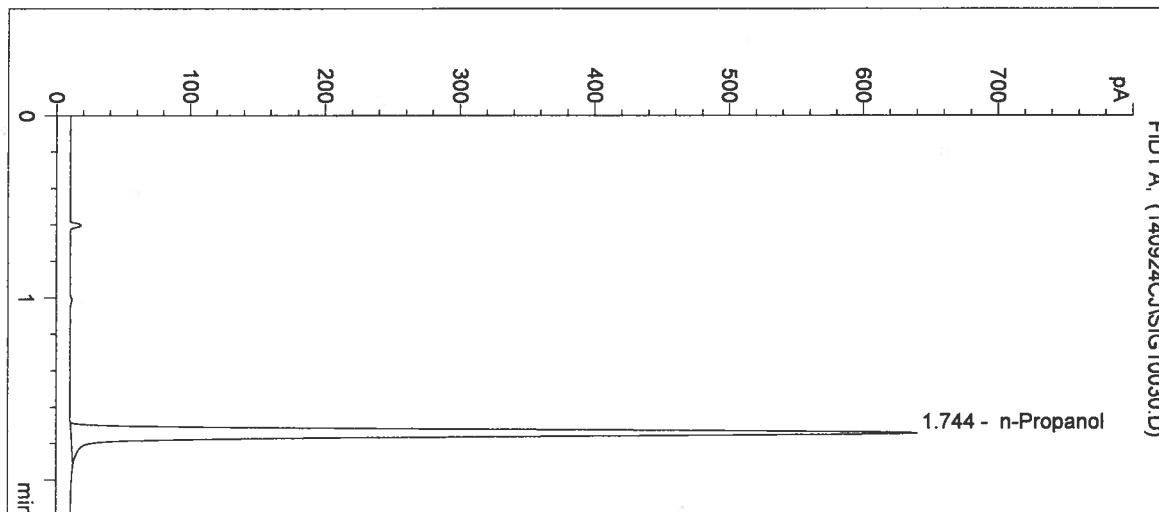
Operator: Chris Johnston

Column: DB-ALC2

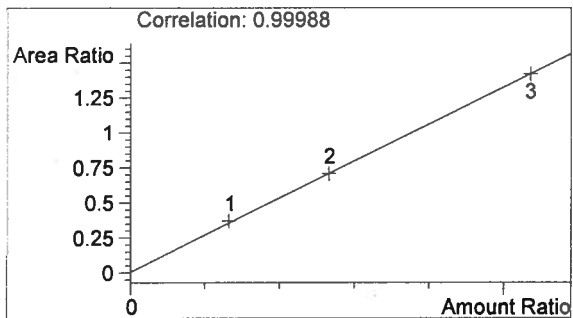
Location: Vial 30

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

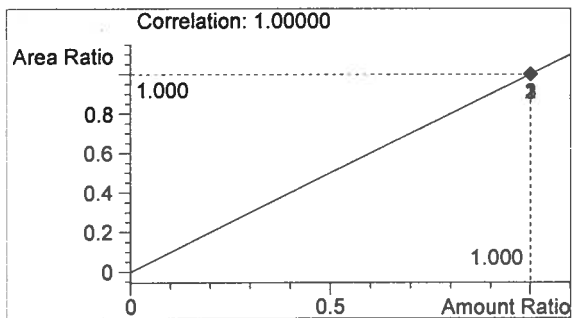
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1689	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14042
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 for 10/8/14

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Sequence Parameters:

Operator: Lyndsey Lowe
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140925LL
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E0814-01 - Exp 2/19/15
 Cal 2 (0.158 g/100mL) - Lot#E0814-02 - Exp 2/19/15
 Cal 3 (0.316 g/100mL) - Lot#E0814-03 - Exp 2/19/15

 CTRL 1 (0.04 g/100mL) - Lot#FN05011301 - Exp 05/2018
 CTRL 2 (0.10 g/100mL) - Lot#FN08051301 - Exp 10/2018
 CTRL 3 (0.20 g/100mL) - Lot#FN03211401 - Exp 06/2019

 n-Propanol ISTD - Lot# P0814 - Exp 10/30/14

1 4 0 4 0

1 4 0 4 1

1 4 0 4 2

1 4 0 4 3

*Stamped
10/21/14
10/28/14*

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	14040 0.04 #1	SIMALC3	1	Sample		
11	Vial 11	14040 0.04 #2	SIMALC3	1	Sample		
12	Vial 12	14040 0.04 #3	SIMALC3	1	Sample		
13	Vial 13	14040 0.04 #4	SIMALC3	1	Sample		
14	Vial 14	14040 0.04 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	14041 0.08 #1	SIMALC3	1	Sample		
18	Vial 18	14041 0.08 #2	SIMALC3	1	Sample		
19	Vial 19	14041 0.08 #3	SIMALC3	1	Sample		
20	Vial 20	14041 0.08 #4	SIMALC3	1	Sample		
21	Vial 21	14041 0.08 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	14042 0.15 #1	SIMALC3	1	Sample		
25	Vial 25	14042 0.15 #2	SIMALC3	1	Sample		
26	Vial 26	14042 0.15 #3	SIMALC3	1	Sample		

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	14042 0.15 #4	SIMALC3	1	Sample		
28	Vial 28	14042 0.15 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	14043 0.20 #1	SIMALC3	1	Sample		
32	Vial 32	14043 0.20 #2	SIMALC3	1	Sample		
33	Vial 33	14043 0.20 #3	SIMALC3	1	Sample		
34	Vial 34	14043 0.20 #4	SIMALC3	1	Sample		
35	Vial 35	14043 0.20 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

14040

14041

14042

14043

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Inj. Date: 9/25/2014 4:30:41 PM

Sample Name: 14042 0.15 #1

Instrument: HSGC#3

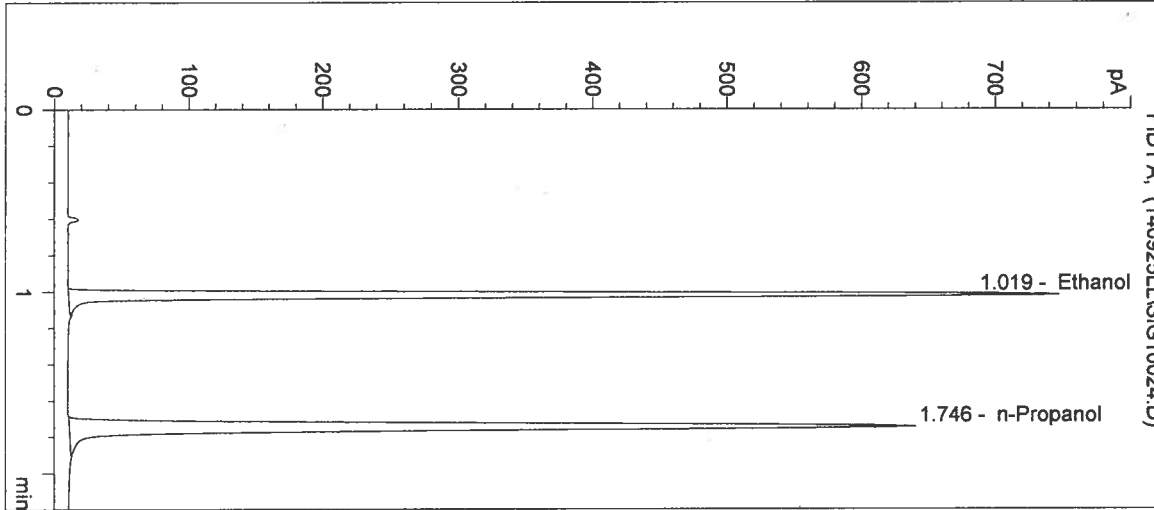
Operator: Lyndsey Lowe

Column: DB-ALC2

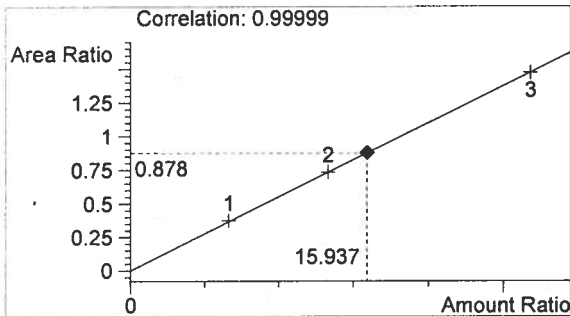
Location: Vial 24

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

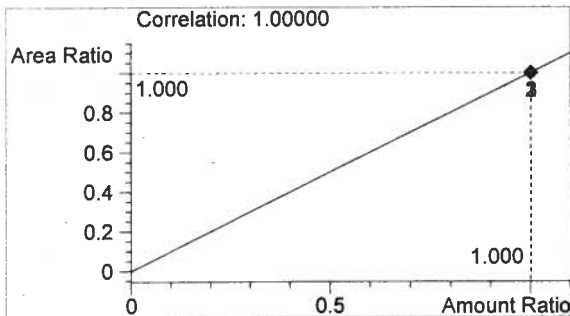
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1476	1.019
2	n-Propanol	1681	1.746



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

Handwritten initials/signature

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:33:55 PM

Sample Name: 14042 0.15 #2

Instrument: HSGC#3

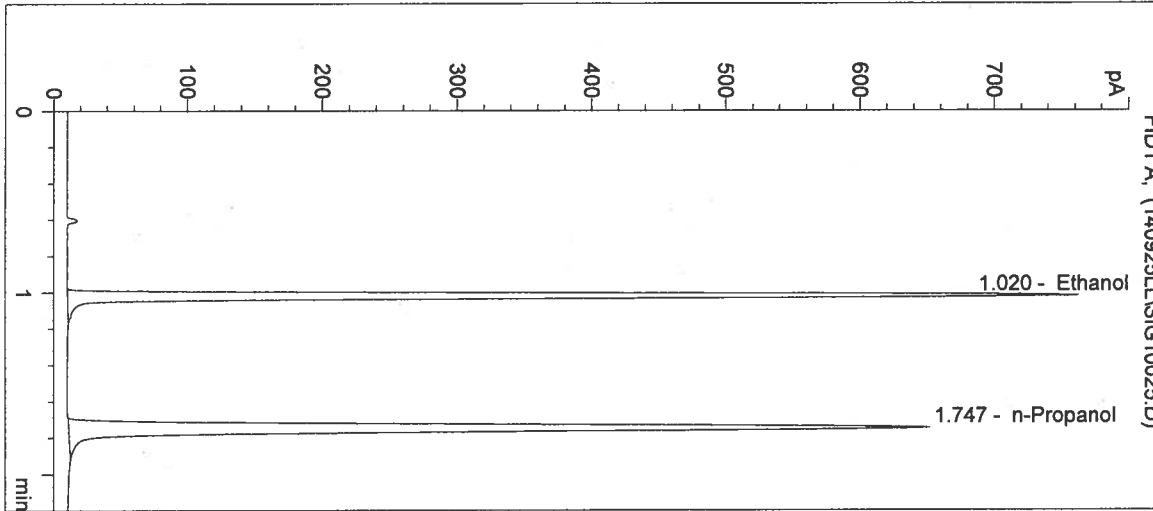
Operator: Lyndsey Lowe

Column: DB-ALC2

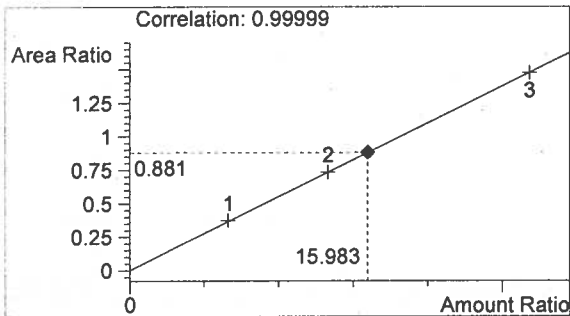
Location: Vial 25

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

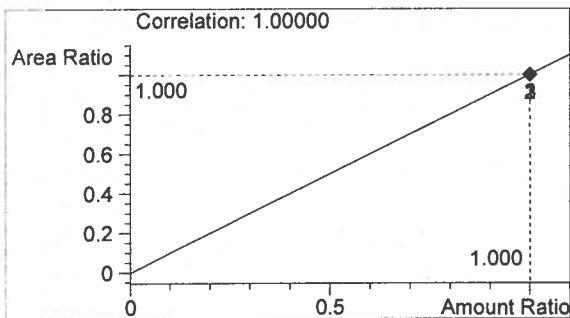
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1507	1.020
2	n-Propanol	1711	1.747



Ethanol 0.192 g/100mL



n-Propanol 0.012 g/100mL

Handwritten initials/signature

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:37:08 PM

Sample Name: 14042 0.15 #3

Instrument: HSGC#3

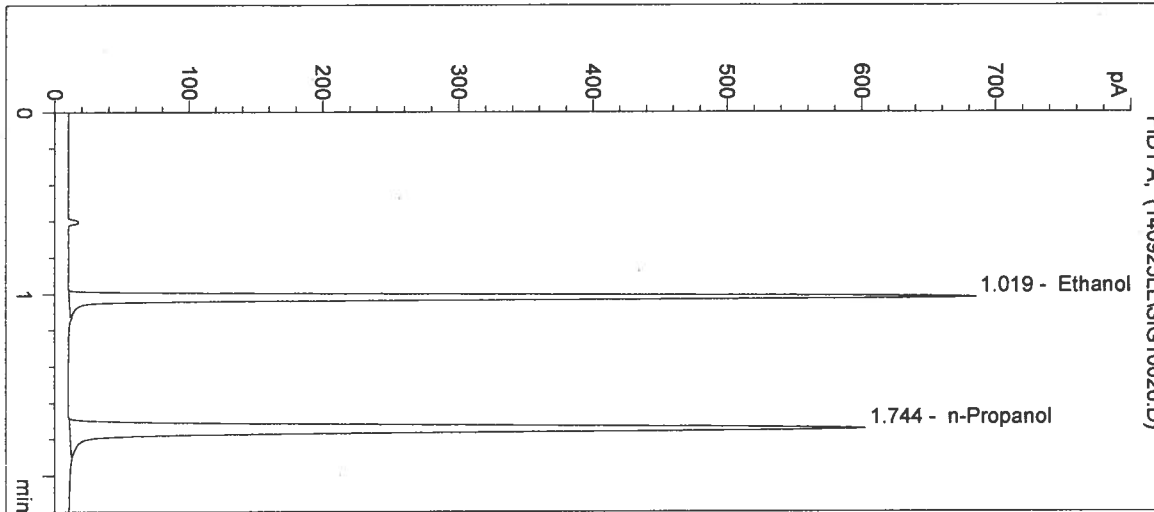
Operator: Lyndsey Lowe

Column: DB-ALC2

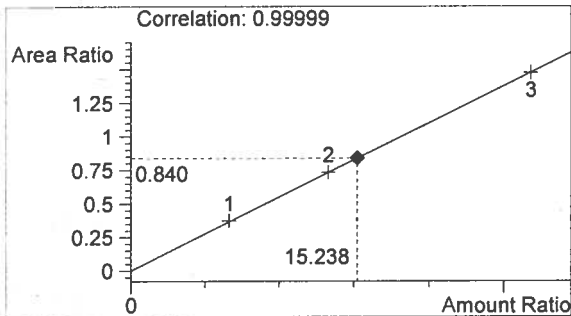
Location: Vial 26

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

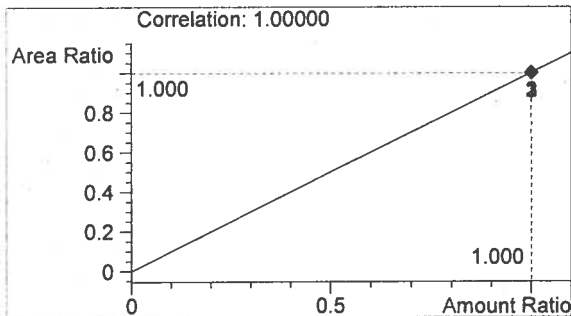
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1328	1.019
2	n-Propanol	1581	1.744



Ethanol 0.183 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature and initials

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:40:22 PM

Sample Name: 14042 0.15 #4

Instrument: HSGC#3

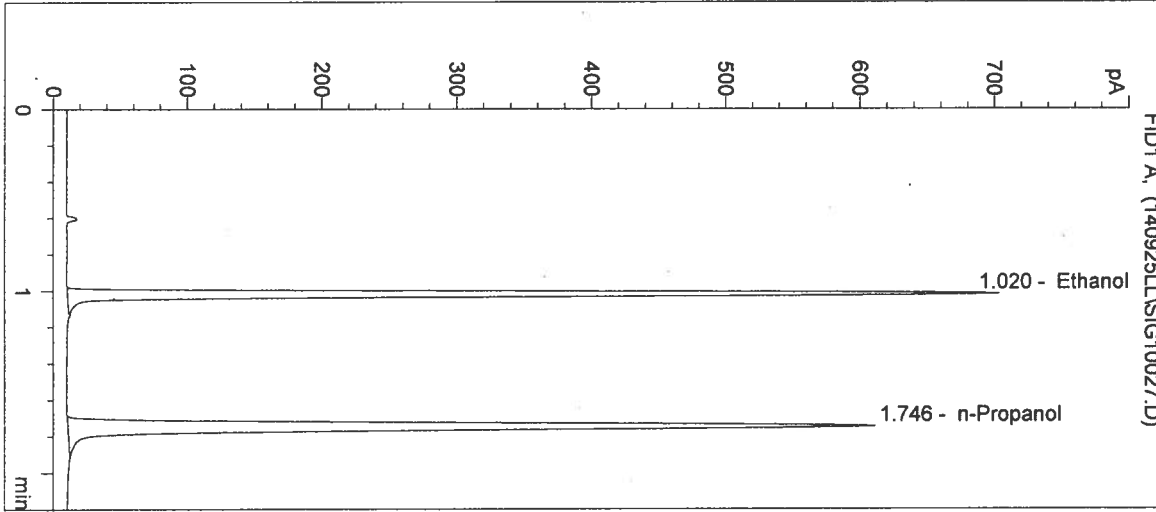
Operator: Lyndsey Lowe

Column: DB-ALC2

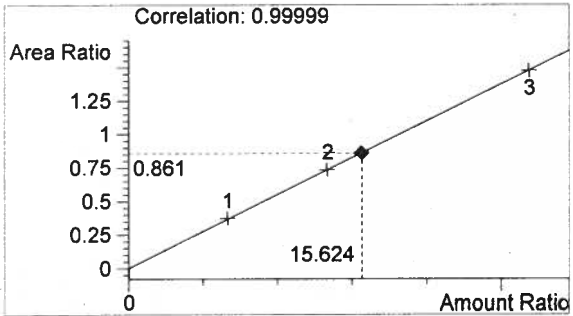
Location: Vial 27

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

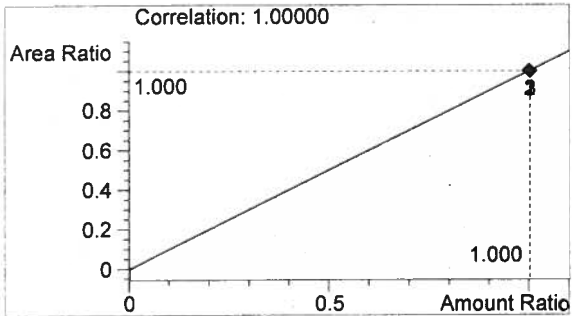
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1383	1.020
2	n-Propanol	1606	1.746



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:43:35 PM

Sample Name: 14042 0.15 #5

Instrument: HSGC#3

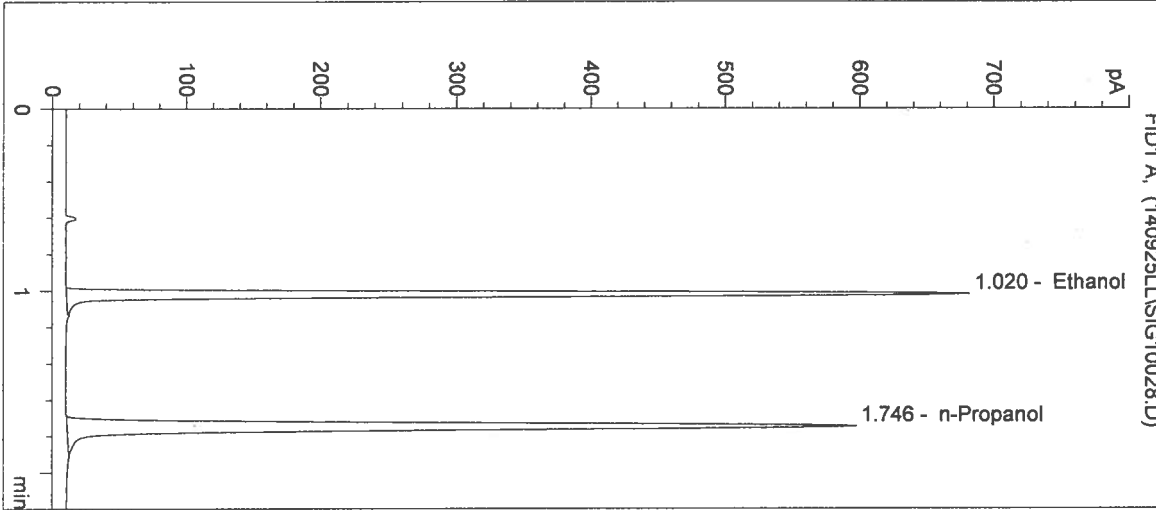
Operator: Lyndsey Lowe

Column: DB-ALC2

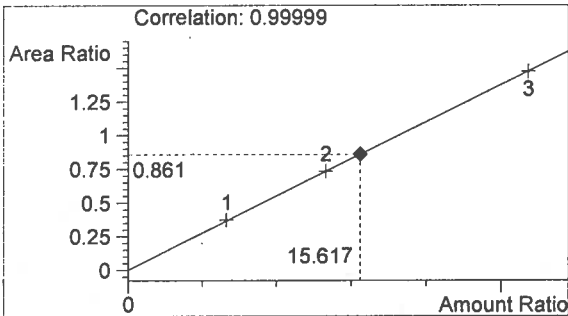
Location: Vial 28

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

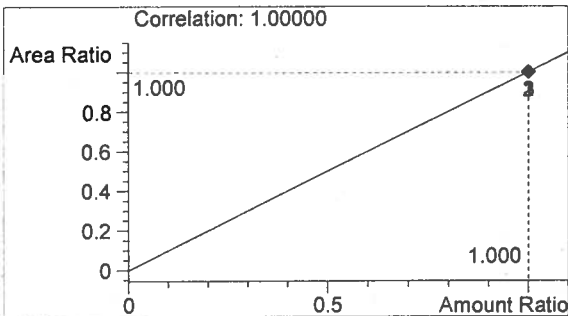
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1352	1.020
2	n-Propanol	1570	1.746



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:46:48 PM

Sample Name: 0.10 Control

Instrument: HSGC#3

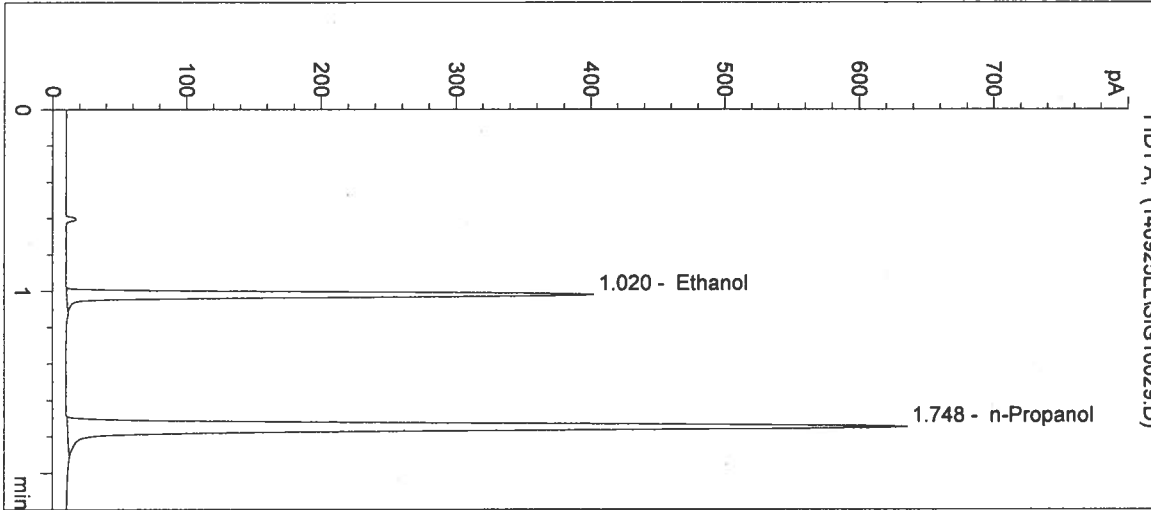
Operator: Lyndsey Lowe

Column: DB-ALC2

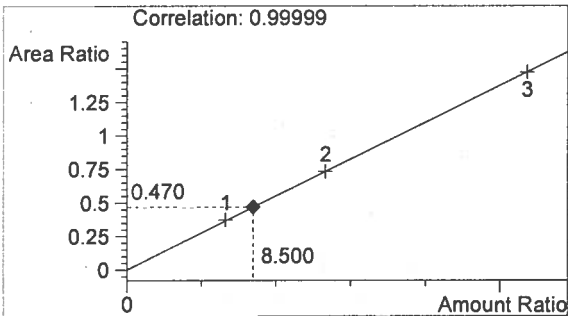
Location: Vial 29

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

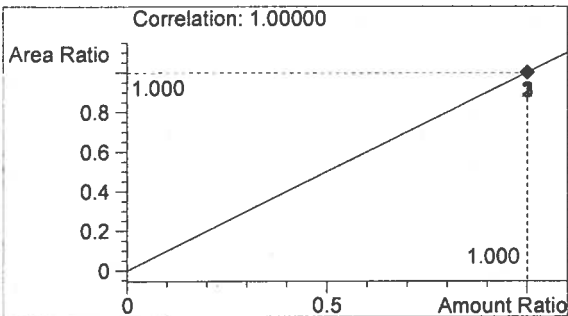
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	786	1.020
2	n-Propanol	1672	1.748



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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 Stamped
 10/2/14
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Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:50:01 PM

Sample Name: Neg Control

Instrument: HSGC#3

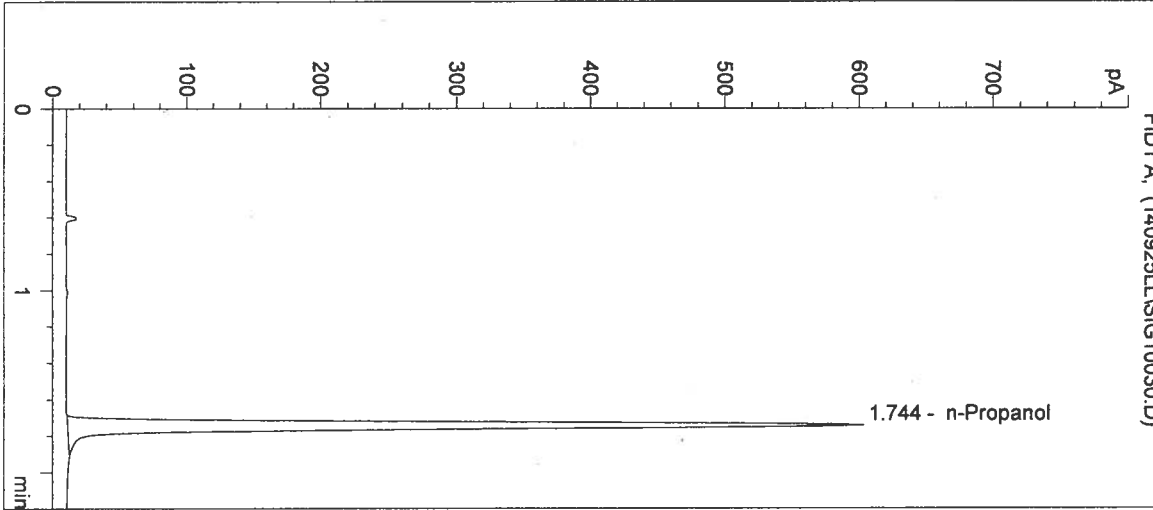
Operator: Lyndsey Lowe

Column: DB-ALC2

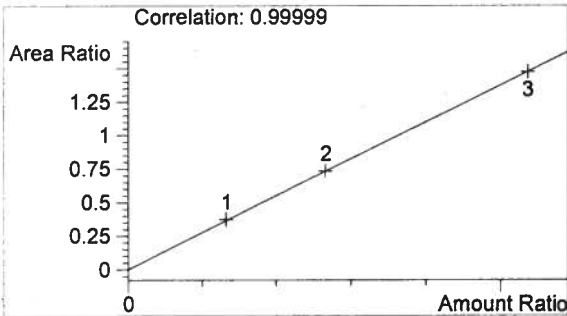
Location: Vial 30

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

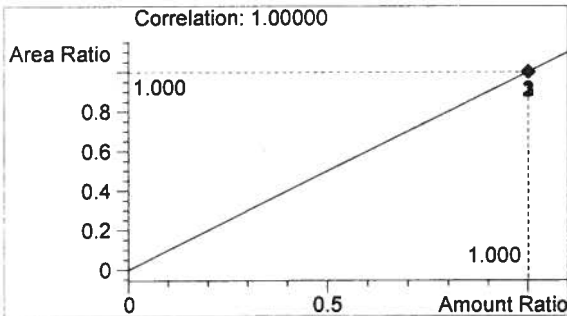
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1585	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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 10/8/14

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