WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

ANSI ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14043

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: 09/18/2014
BATCH UNITS: g/100mL
IDENTITY: QAP Solution
PREPARED BY: Katie Knorr

	KK	CSJ	LL
1	0.257	0.257	0.254
2	0.256	0.257	0.257
3	0.257	0.257	0.252
4	0.258	0.257	0.256
5	0.257	0.255	0.255
C	0.099	0.101	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.2561 g/100mL
STANDARD DEVIATION: 0.00155
PRECISION CV (%): 0.61
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2082 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	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 #: 14043 **Date Prepared:** 9/18/2014

	KK	CSJ	LL
Analyst:			
Date Tested:	9/18/2014	9/24/2014	9/25/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.257	0.257	0.254
2	0.256	0.257	0.257
3	0.257	0.257	0.252
4	0.258	0.257	0.256
5	0.257	0.255	0.255
C	0.099	0.101	0.100

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000024485	0.0000333333	0.0001016326

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

Average Solution Concentration: 0.2561 g/100mL
Standard Deviation: 0.00155 g/100mL
Precision CV (%): 0.61
Equivalent Vapor Concentration: 0.2082 g/210L
Combined Standard Uncertainty (±): 0.0025 g/210L
Expanded Uncertainty (±): 0.0050 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble (Name) Lisa Noble (Signature) 10/2/14 (Date)

Calculations verified by: Amanda M. Black (Name) Amanda M. Black (Signature) 10-10-2014 (Date) Method: Hand calculation

Tech. review performed by: Lisa Noble (Name) Lisa Noble (Signature) 10/2/14 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 10-10-2014

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 14043

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

Comments:

Reviewer Signature: [signature] **Date:** 10-10-2014

Reviewer Signature: N/A OB 10-10-14 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler		
Andrew Gingras		
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	LL	10.3.14
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 14043

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 14043

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 14043, 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

0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 14043

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 14043, 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

CC 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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0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 14043

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 14043, 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

Lyndsey Lowe — Date

Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 9/18/14 Initials of Preparer: KK

Expiration Date: 9/18/15

Lot # of 200-proof Ethanol used in preparation: 2CK0002

Date 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	☑	14040
QAP 0.08	22.4	18	☑	14041
QAP 0.10	28.1	18	☐	
QAP 0.15	42.1	18	☑	14042
QAP 0.20	56.1	18	☑	14043
ESS	66.5	52	☐	

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 9/18/14 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:

Katie Knox
Analyst Signature

9/18/14
Date

Sequence: C:\HPCHEM\2\SEQUENCE\KKQAP.S

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

stamped 10/2/14 kk 10/6/14

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		

Do not use data KK 9/18/14

Do Not use data KK 9/18/14

KK

Sequence: C:\HPCHEM\2\SEQUENCE\KKQAP.S

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!

14040

14041

14042

14043

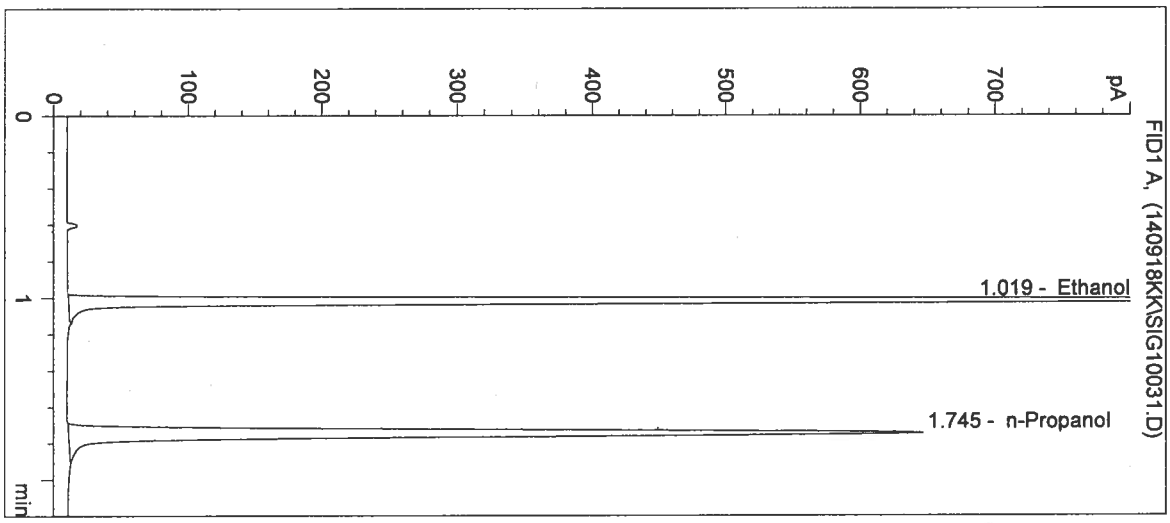
Stamped 10/2/14

10/8/14

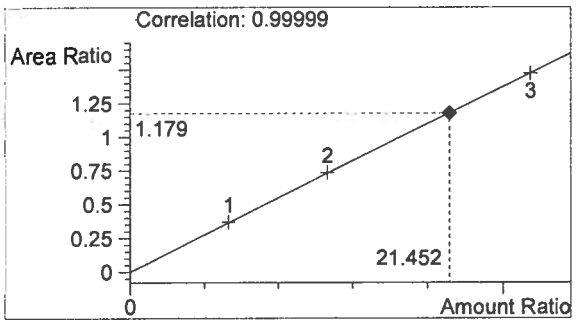
KK

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

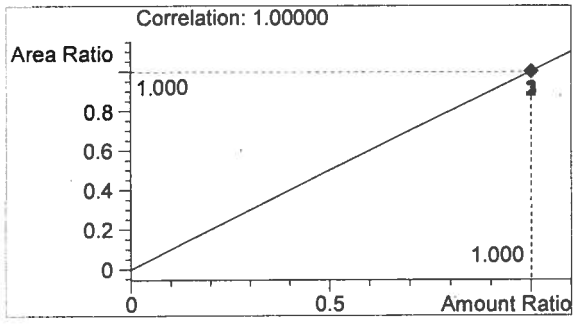
Inj. Date: 9/18/2014 12:16:57 PM Sample Name: 14043-1
Instrument: HSGC#3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 31
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2005	1.019
2	n-Propanol	1701	1.745



Ethanol 0.257 g/100mL



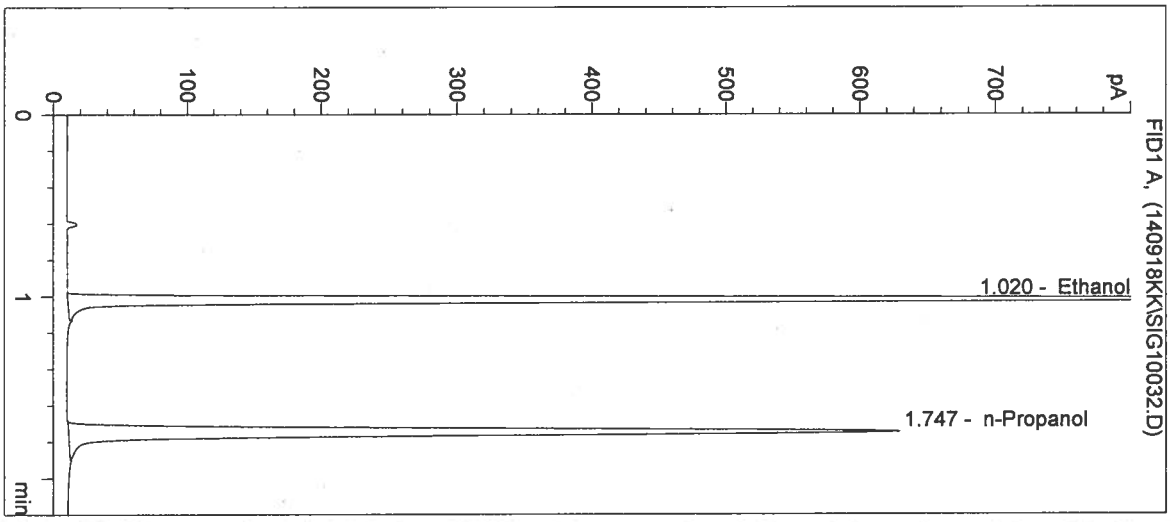
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140918KK\SIG10031.D Page 1 of 1

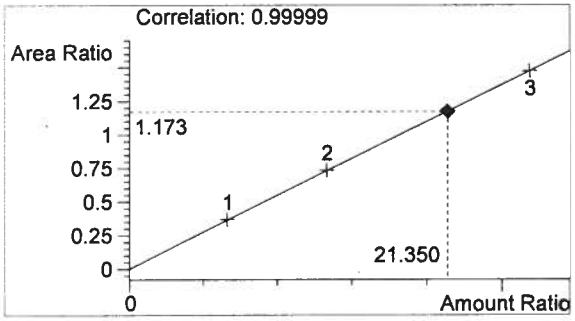
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2014 12:20:10 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

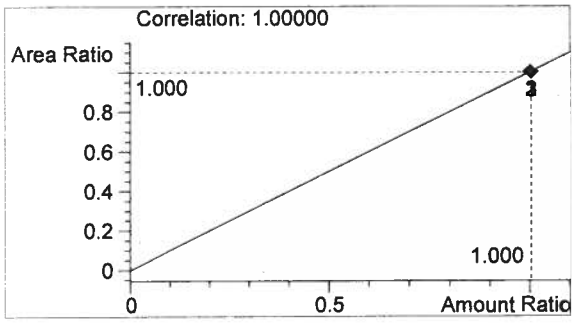
Sample Name: 14043-2
Operator: Katie Knorr
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1947	1.020
2	n-Propanol	1659	1.747



Ethanol 0.256 g/100mL

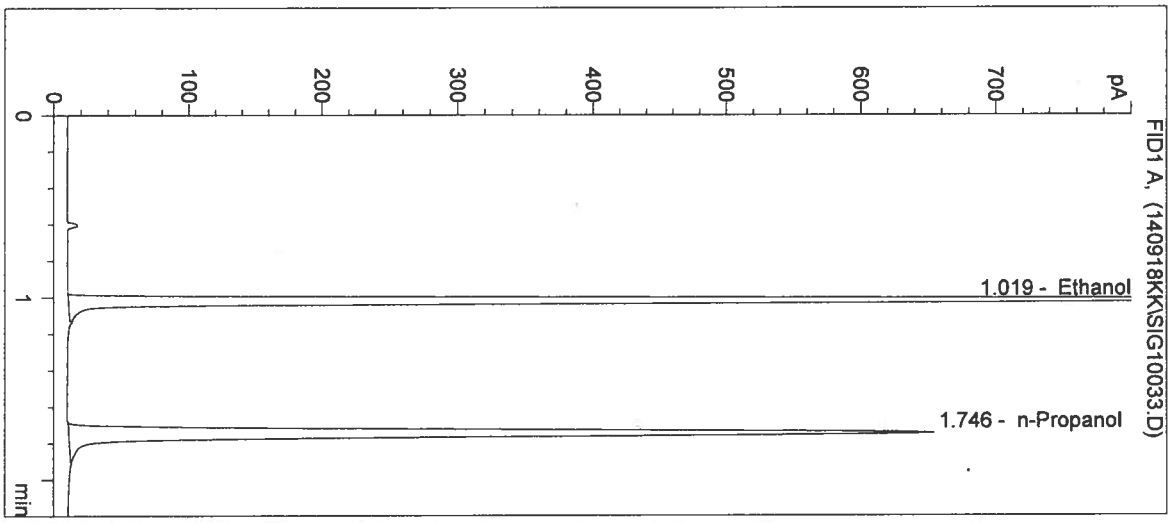


n-Propanol 0.012 g/100mL

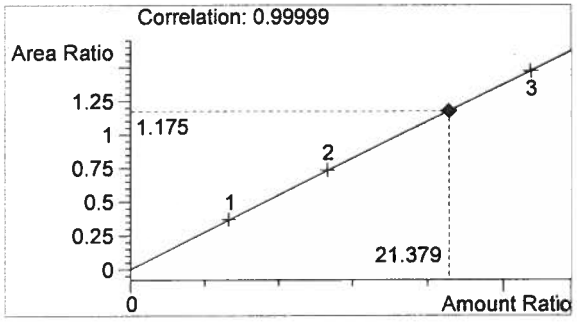
Data File: C:\HPCHEM\2\DATA\140918KK\SIG10032.D

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

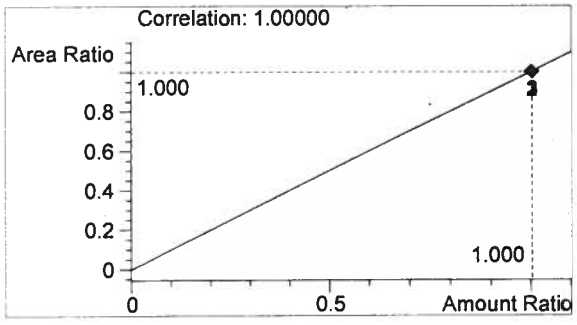
Inj. Date: 9/18/2014 12:23:24 PM Sample Name: 14043-3
Instrument: HSGC#3 Operator: Katie Knorr
Column: DB-ALC2 Location: Vial 33
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2024	1.019
2	n-Propanol	1722	1.746



Ethanol 0.257 g/100mL



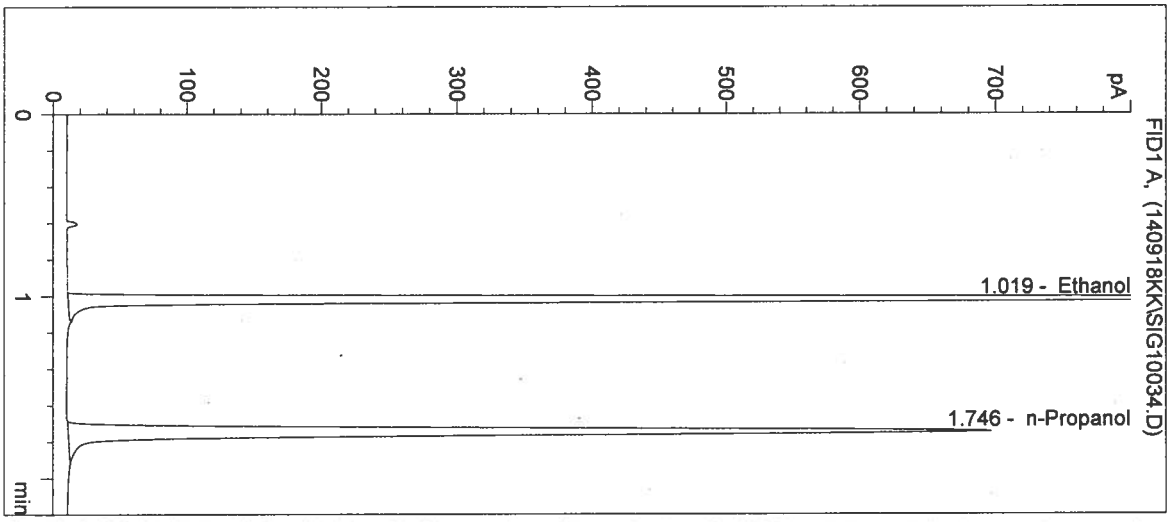
n-Propanol 0.012 g/100mL

KK

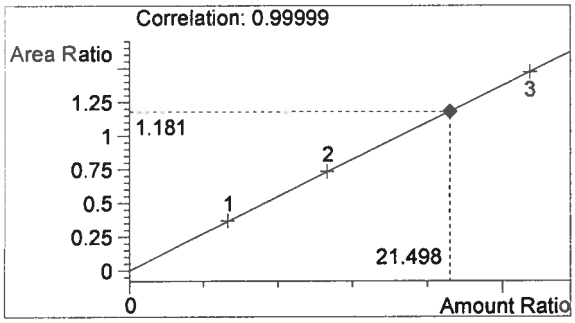
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2014 12:26:37 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

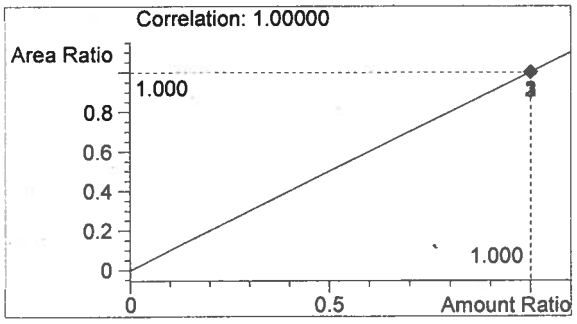
Sample Name: 14043-4
Operator: Katie Knorr
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	2174	1.019
2	n-Propanol	1840	1.746



Ethanol 0.258 g/100mL



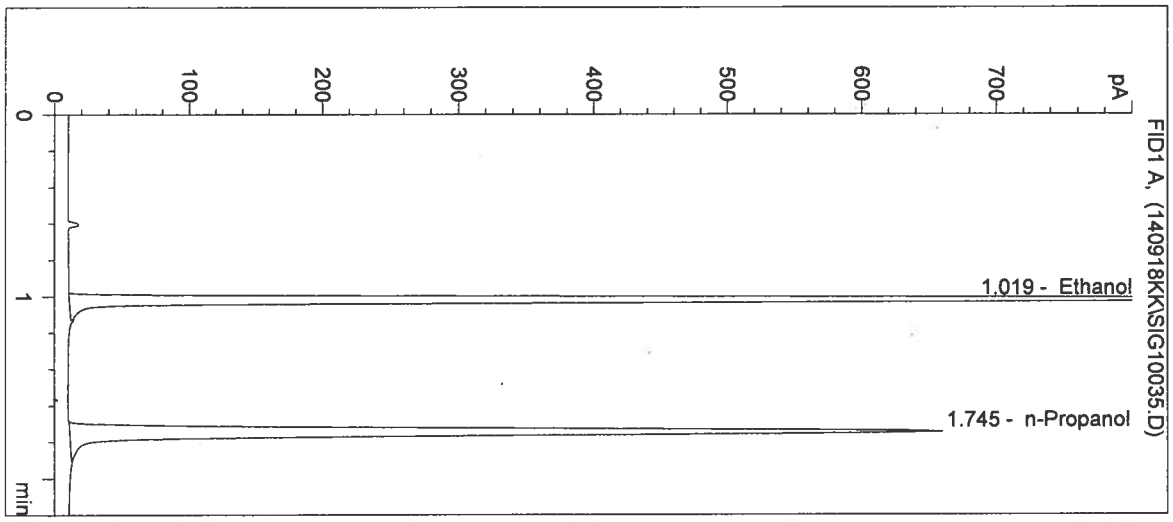
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140918KK\SIG10034.D

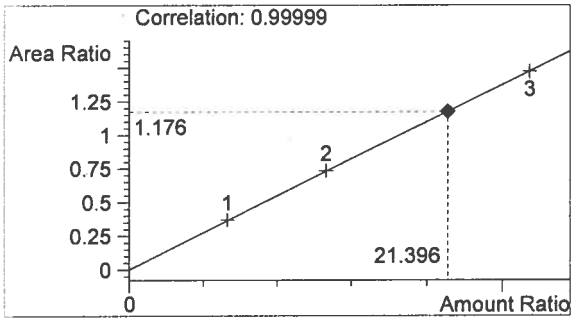
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2014 12:29:50 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

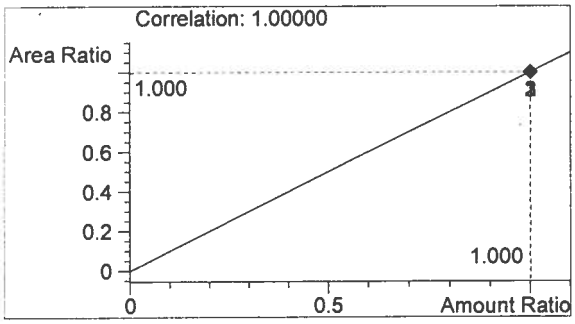
Sample Name: 14043-5
Operator: Katie Knorr
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	2044	1.019
2	n-Propanol	1738	1.745



Ethanol 0.257 g/100mL



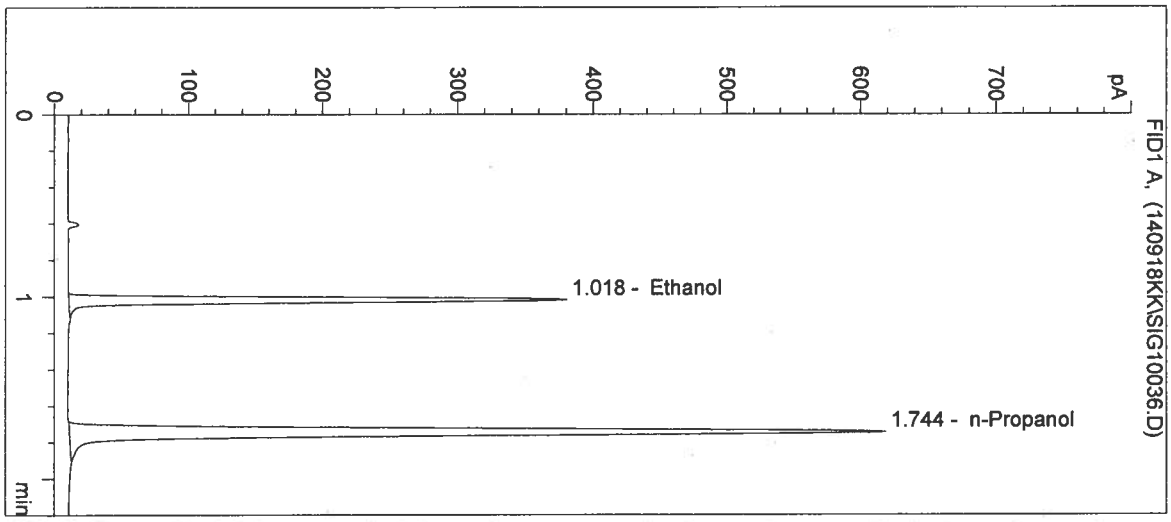
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\140918KK\SIG10035.D

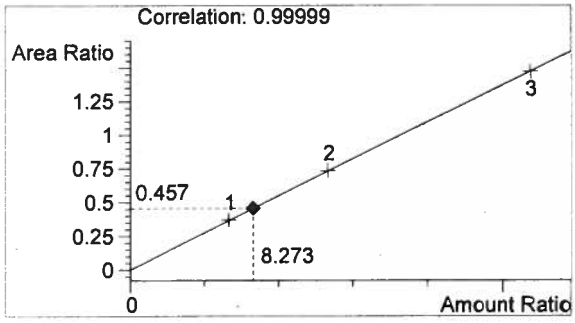
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2014 12:33:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

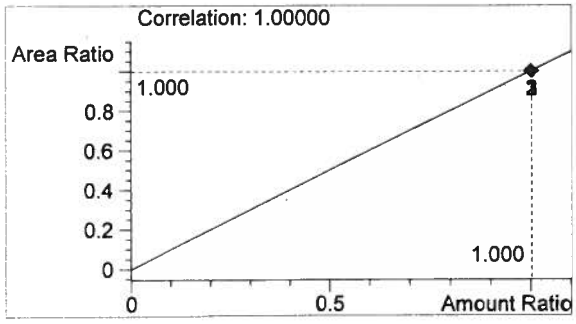
Sample Name: 0.10 Control
Operator: Katie Knorr
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	745	1.018
2	n-Propanol	1632	1.744



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

~~14042~~ JR 10/2/14

14043
Stamped
10/2/14
JR 10/8/14

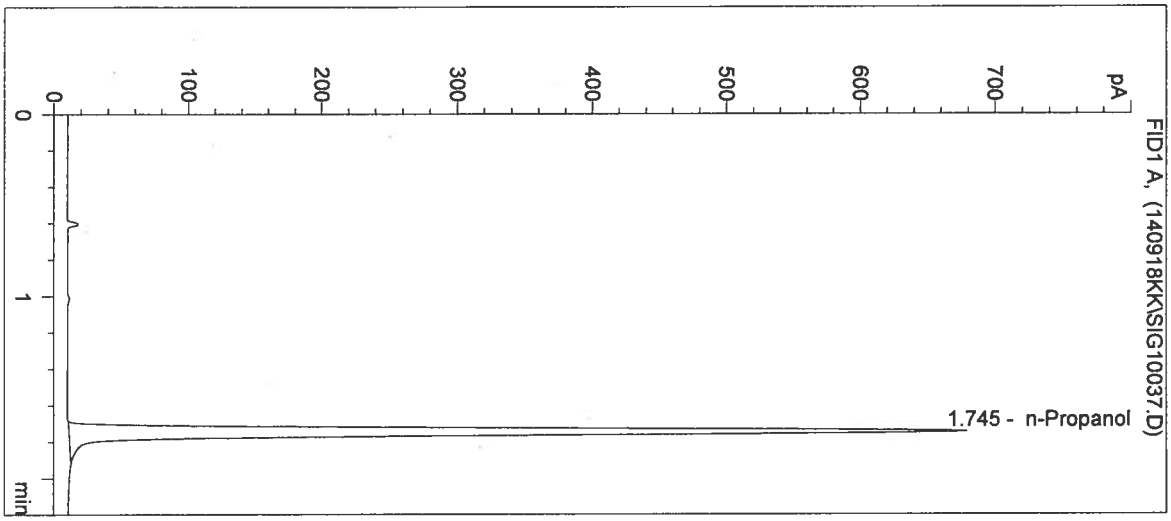
Data File: C:\HPCHEM\2\DATA\140918KK\SIG10036.D

KK

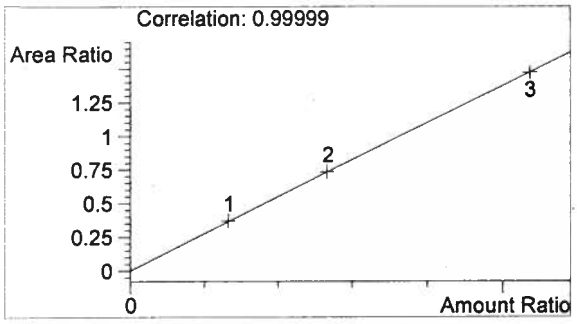
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/18/2014 12:36:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

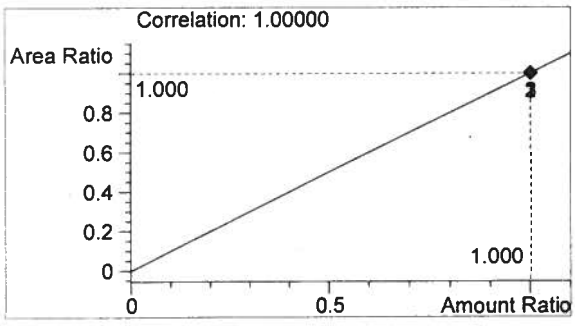
Sample Name: Neg Control
Operator: Katie Knorr
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1796	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

~~14042~~ ~~14042~~ KK 10/2/14

14043
Stamped
10/2/14
KK 10/2/14

KK

Data File: C:\HPCHEM\2\DATA\140918KK\SIG10037.D

KK

Sequence: C:\HPCHEM\2\SEQUENCE\CJQAP.S

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
Stamped 10/2/14 JW 10/8/14

Sequence: C:\HPCHEM\2\SEQUENCE\CJQAP.S

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!

14040

14041

14042

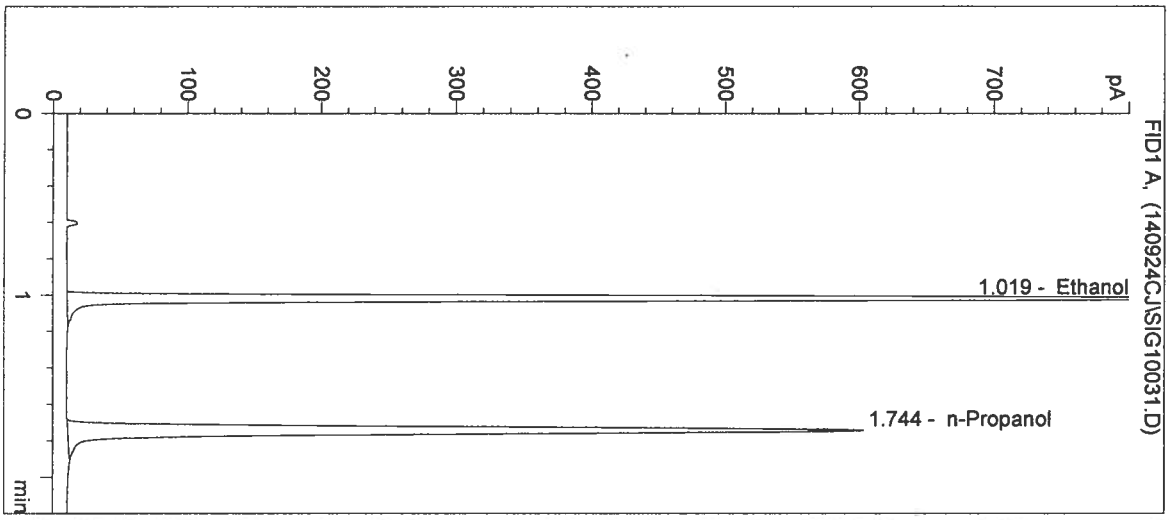
14043

stamped
10/2/14
10/8/14

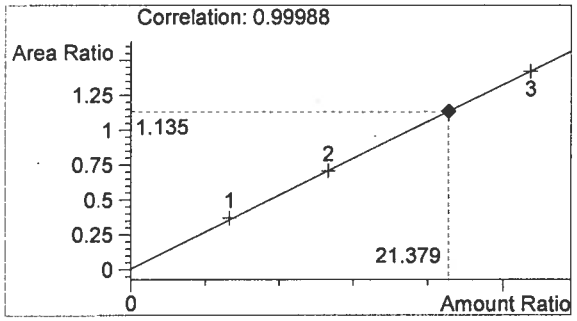
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/24/2014 10:44:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

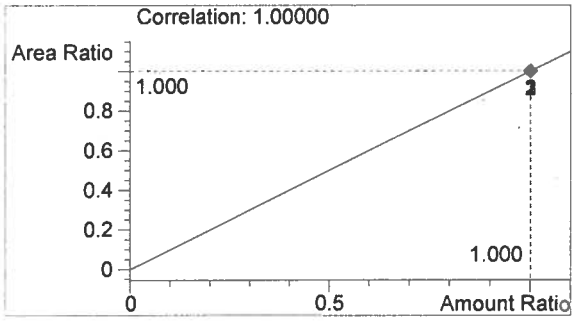
Sample Name: 14043-1
Operator: Chris Johnston
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	1800	1.019
2	n-Propanol	1585	1.744



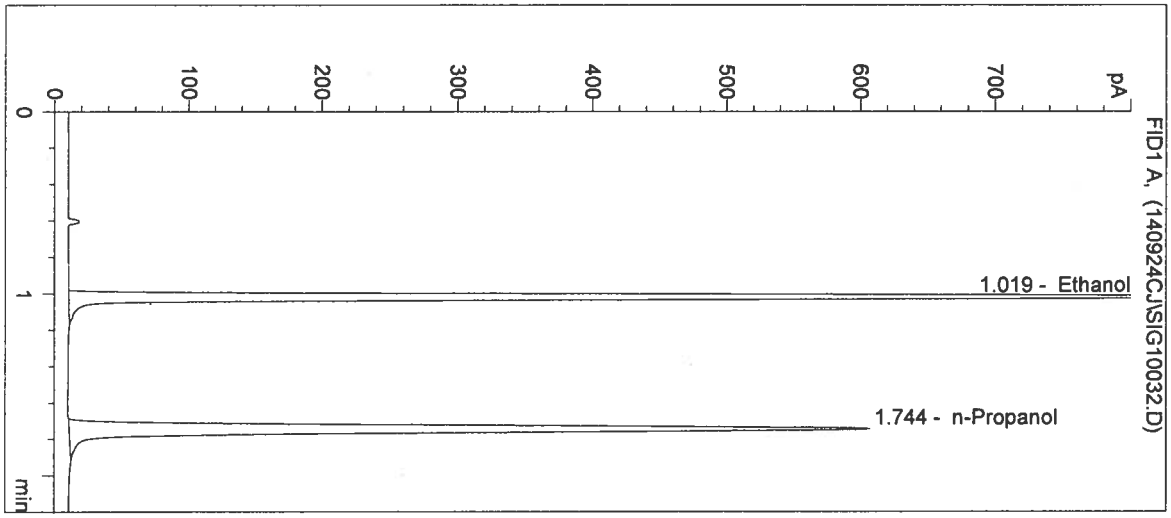
Ethanol 0.257 g/100mL



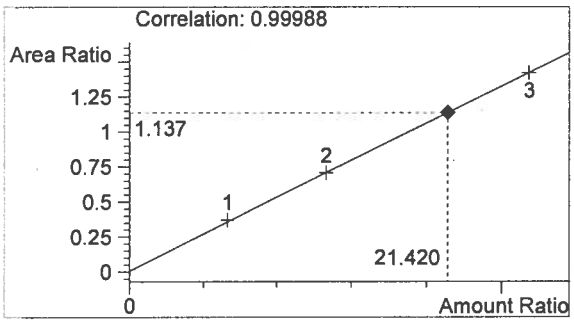
n-Propanol 0.012 g/100mL

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

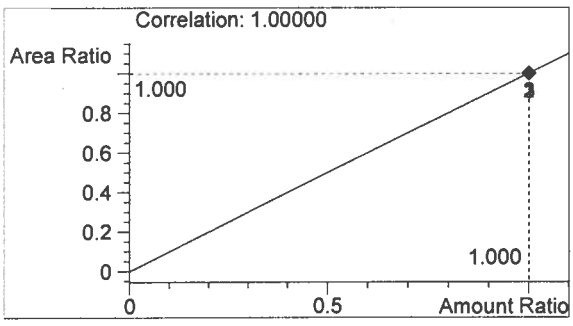
Inj. Date: 9/24/2014 10:48:09 AM Sample Name: 14043-2
Instrument: HSGC#3 Operator: Chris Johnston
Column: DB-ALC2 Location: Vial 32
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1817	1.019
2	n-Propanol	1597	1.744



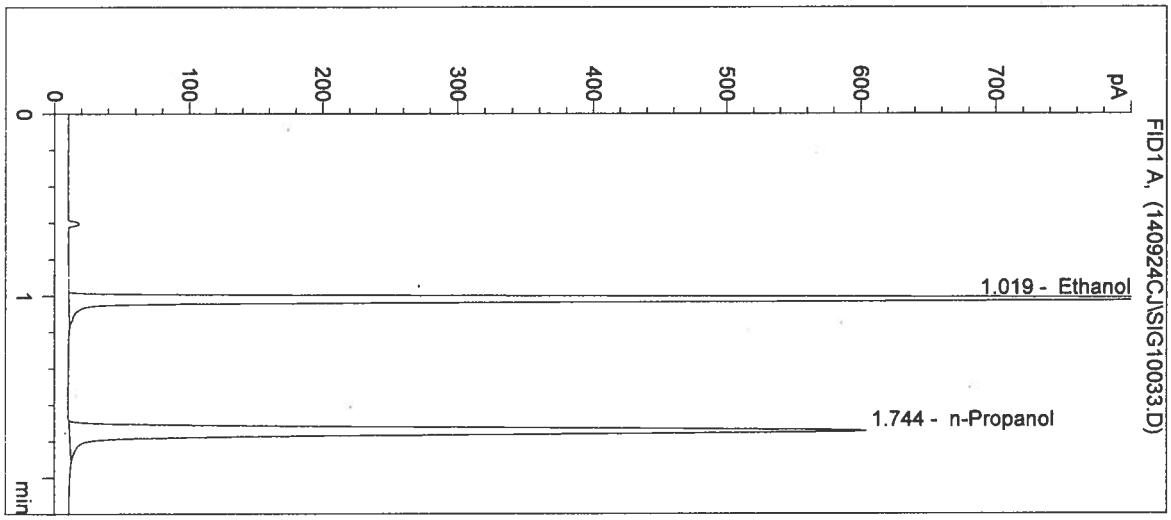
Ethanol 0.257 g/100mL



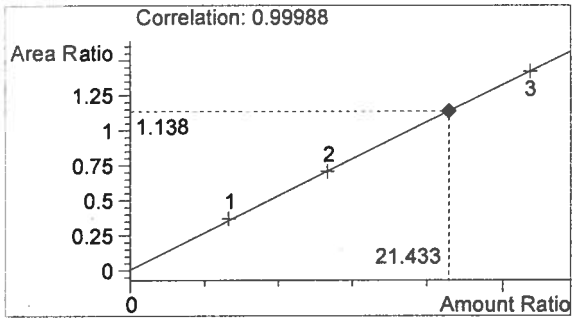
n-Propanol 0.012 g/100mL

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

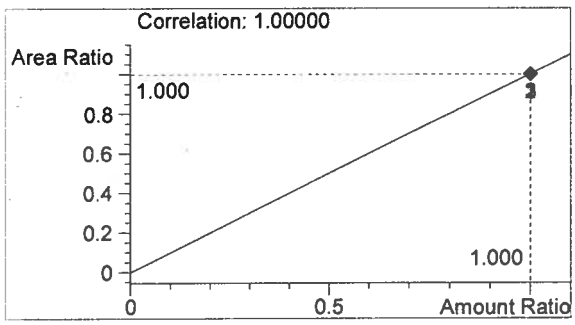
Inj. Date: 9/24/2014 10:51:22 AM Sample Name: 14043-3
Instrument: HSGC#3 Operator: Chris Johnston
Column: DB-ALC2 Location: Vial 33
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1809	1.019
2	n-Propanol	1589	1.744



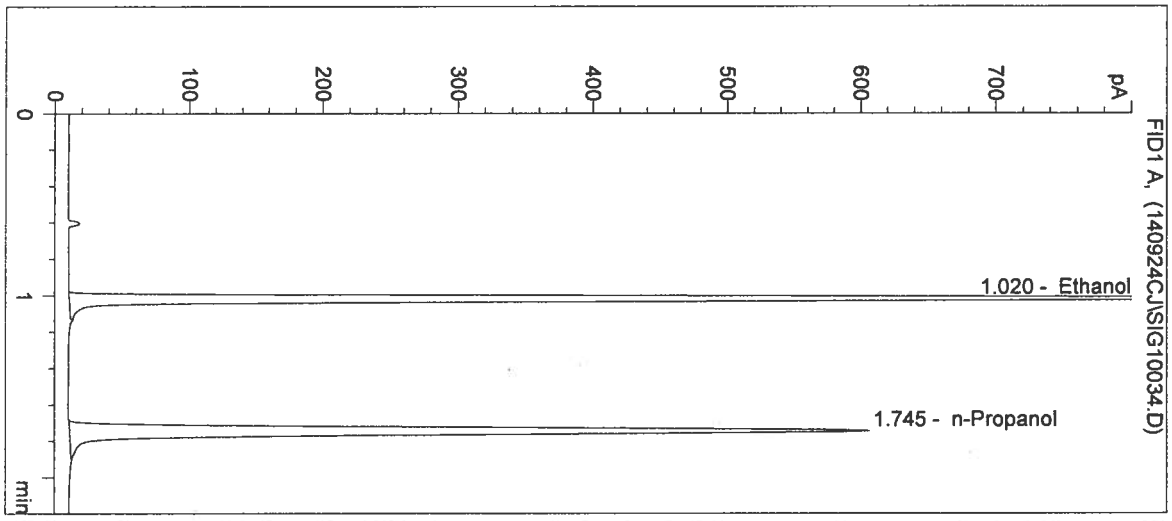
Ethanol 0.257 g/100mL



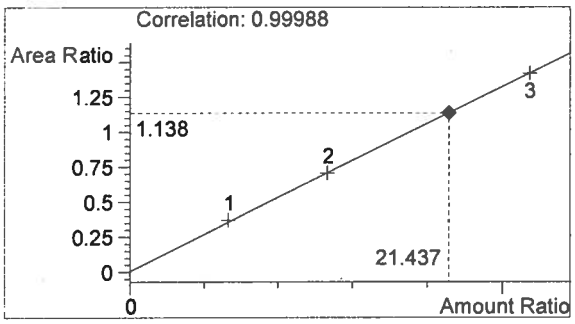
n-Propanol 0.012 g/100mL

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

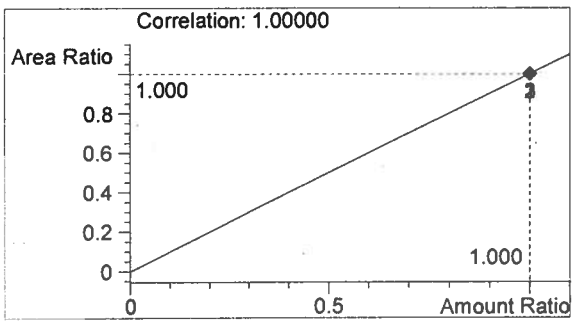
Inj. Date: 9/24/2014 10:54:35 AM Sample Name: 14043-4
Instrument: HSGC#3 Operator: Chris Johnston
Column: DB-ALC2 Location: Vial 34
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1816	1.020
2	n-Propanol	1595	1.745



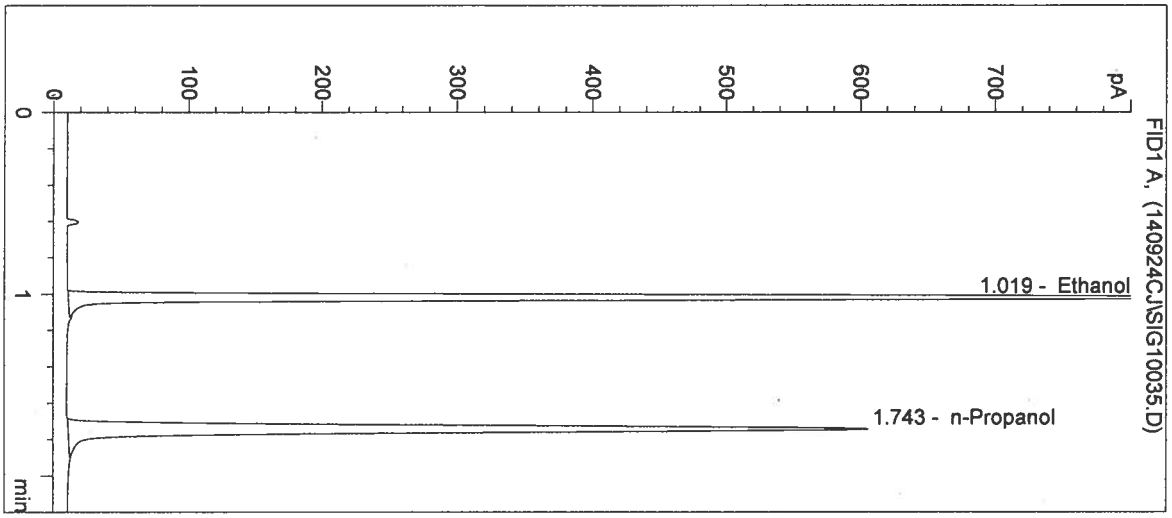
Ethanol 0.257 g/100mL



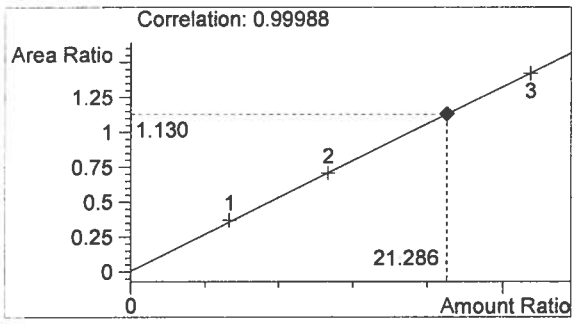
n-Propanol 0.012 g/100mL

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

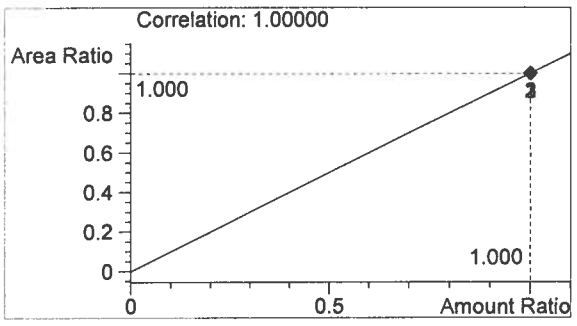
Inj. Date: 9/24/2014 10:57:49 AM Sample Name: 14043-5
Instrument: HSGC#3 Operator: Chris Johnston
Column: DB-ALC2 Location: Vial 35
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1801	1.019
2	n-Propanol	1593	1.743



Ethanol 0.255 g/100mL

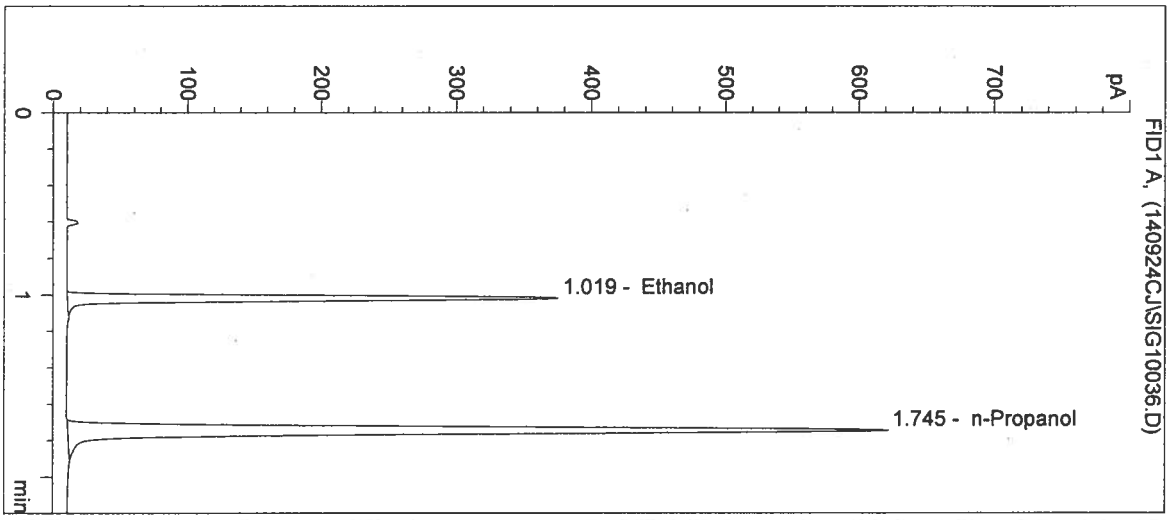


n-Propanol 0.012 g/100mL

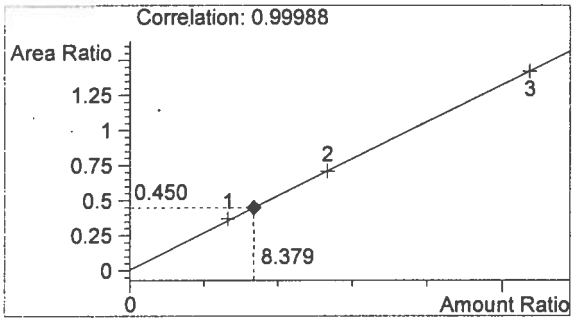
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/24/2014 11:01:02 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

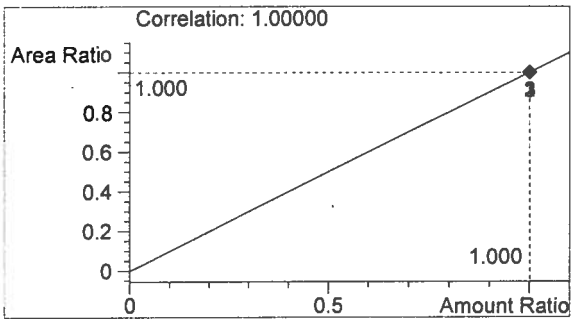
Sample Name: 0.10 Control
Operator: Chris Johnston
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	739	1.019
2	n-Propanol	1642	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

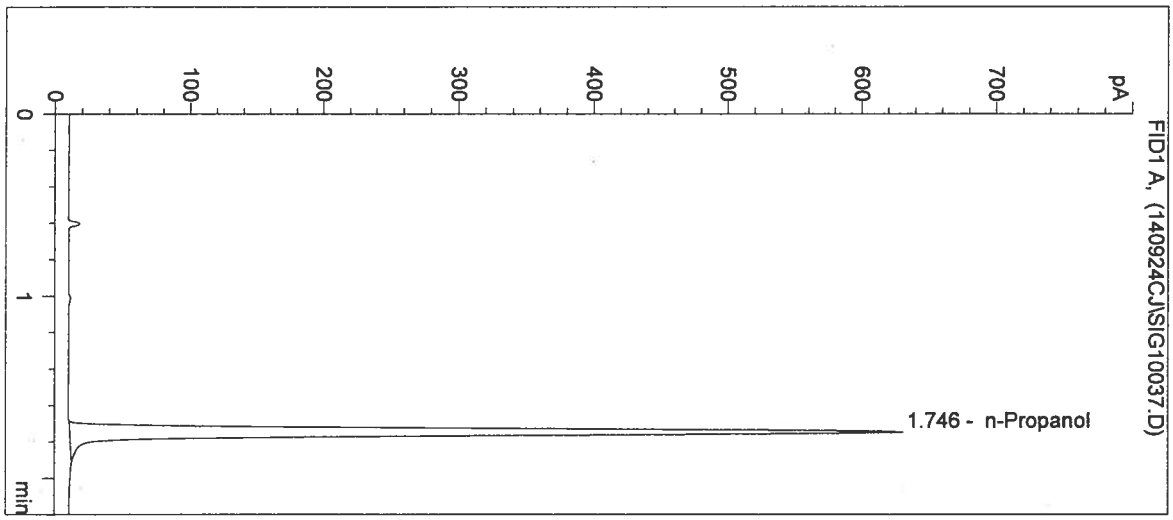
14043
stamped
10/2/14
10/6/14

Data File: C:\HPCHEM\2\DATA\140924CJ\SIG10036.D

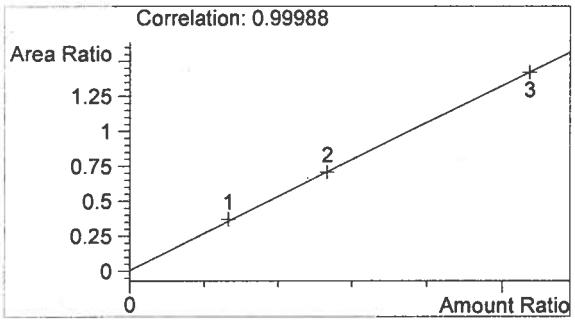
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/24/2014 11:04:17 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

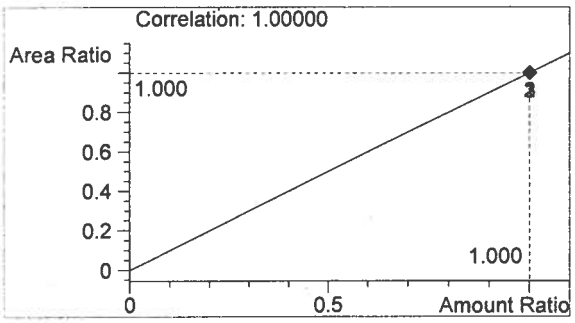
Sample Name: Neg Control
Operator: Chris Johnston
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1661	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14043
stamped
10/2/14
10/8/14

Sequence: C:\HPCHEM\2\SEQUENCE\LLQAP.S

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

14040
14041
14042
14043

Stamped 10/2/14 10/8/14

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		

Sequence: C:\HPCHEM\2\SEQUENCE\LLQAP.S

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!

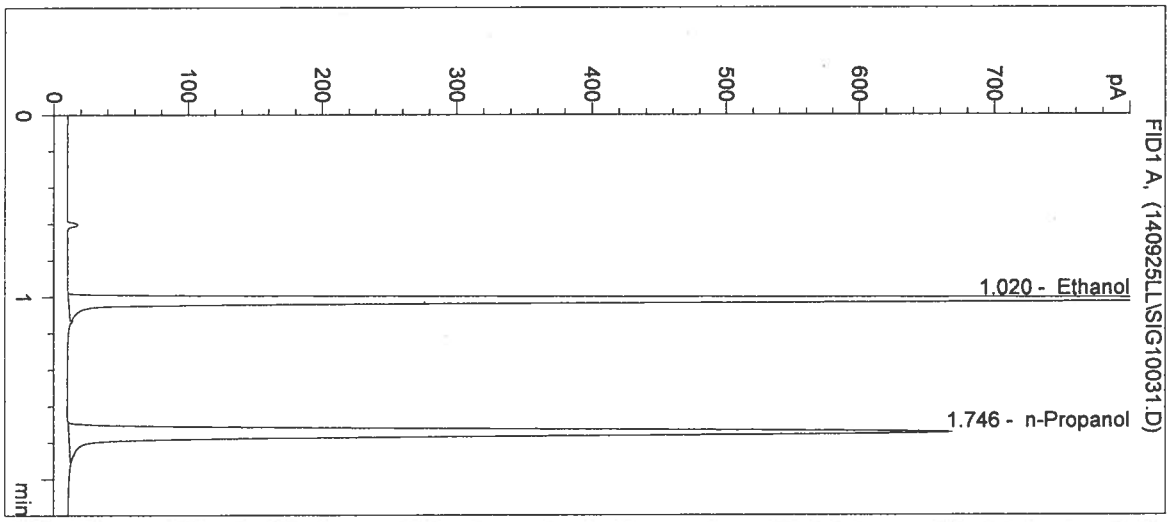
14040
14041
14042
14043

Stamped
10/2/14
Jn 10/5/14

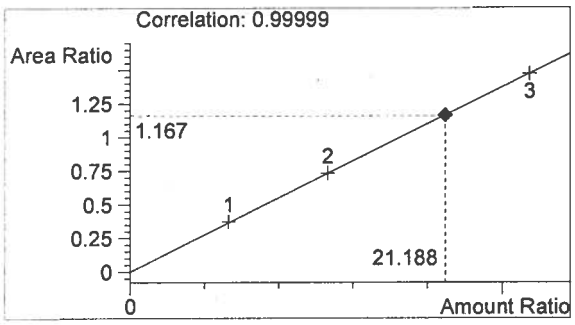
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:53:14 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

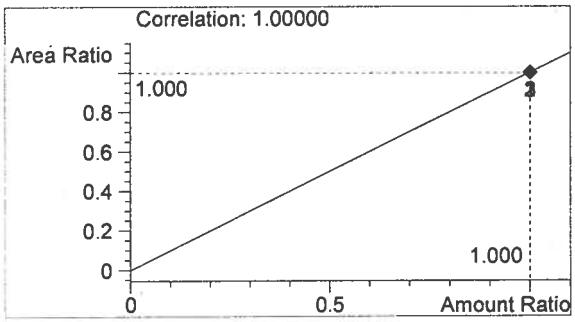
Sample Name: 14043 0.20 #1
Operator: Lyndsey Lowe
Location: Vial 31



#	Compound	Peak Area	RT (min)
1	Ethanol	2055	1.020
2	n-Propanol	1761	1.746



Ethanol 0.254 g/100mL

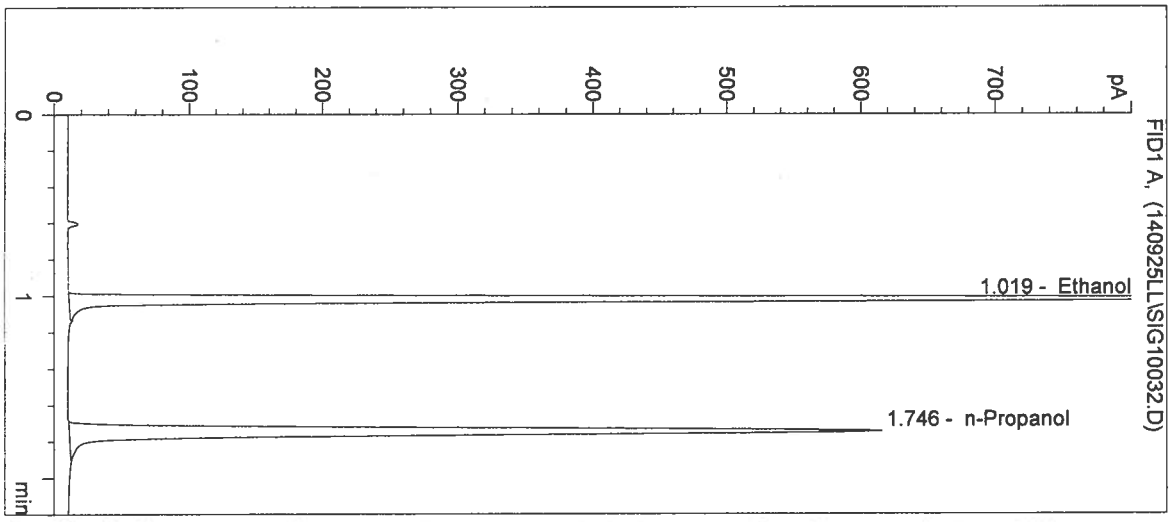


n-Propanol 0.012 g/100mL

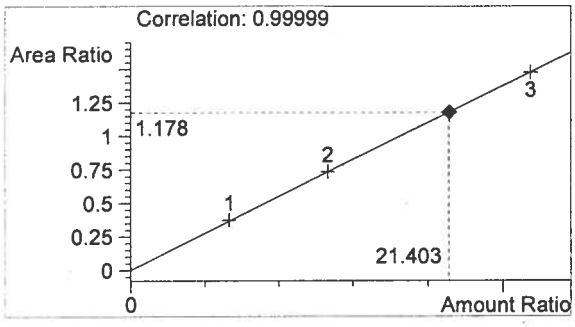
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:56:28 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

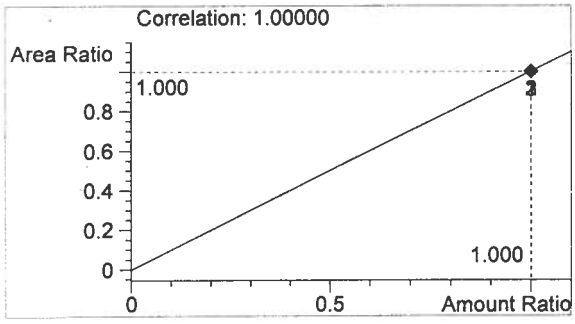
Sample Name: 14043 0.20 #2
Operator: Lyndsey Lowe
Location: Vial 32



#	Compound	Peak Area	RT (min)
1	Ethanol	1906	1.019
2	n-Propanol	1617	1.746



Ethanol 0.257 g/100mL

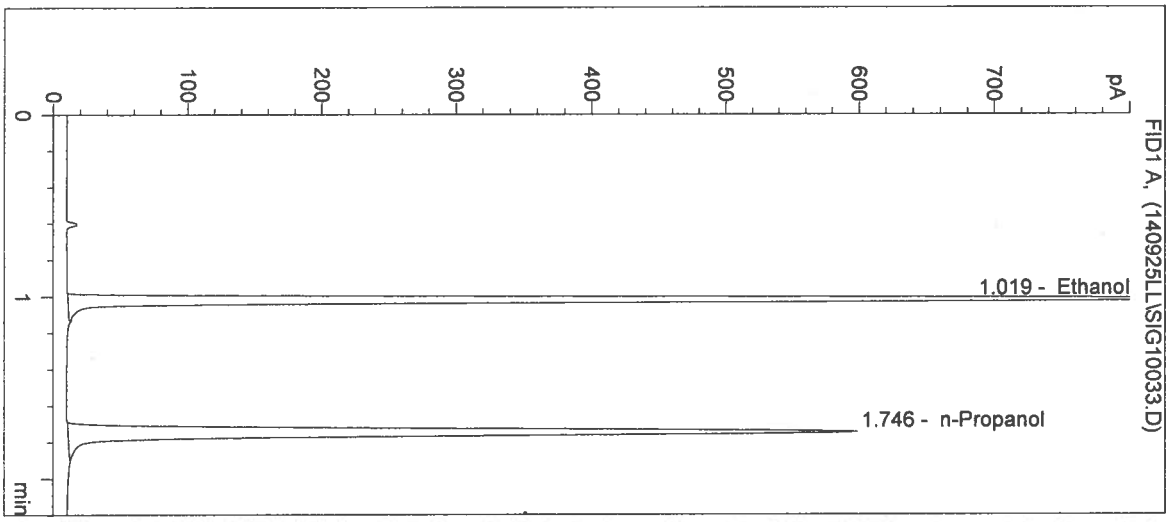


n-Propanol 0.012 g/100mL

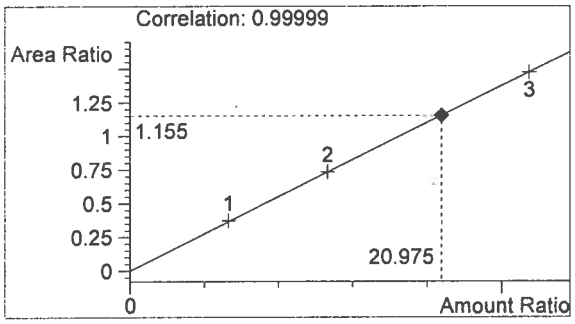
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 4:59:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

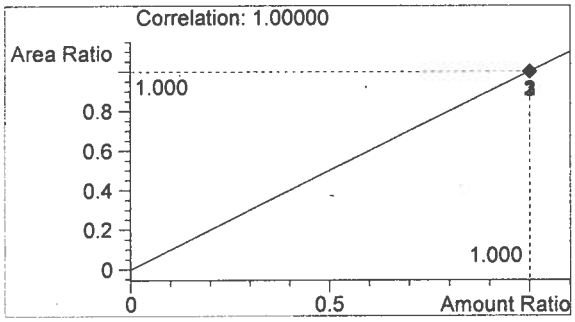
Sample Name: 14043 0.20 #3
Operator: Lyndsey Lowe
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1819	1.019
2	n-Propanol	1575	1.746



Ethanol 0.252 g/100mL



n-Propanol 0.012 g/100mL

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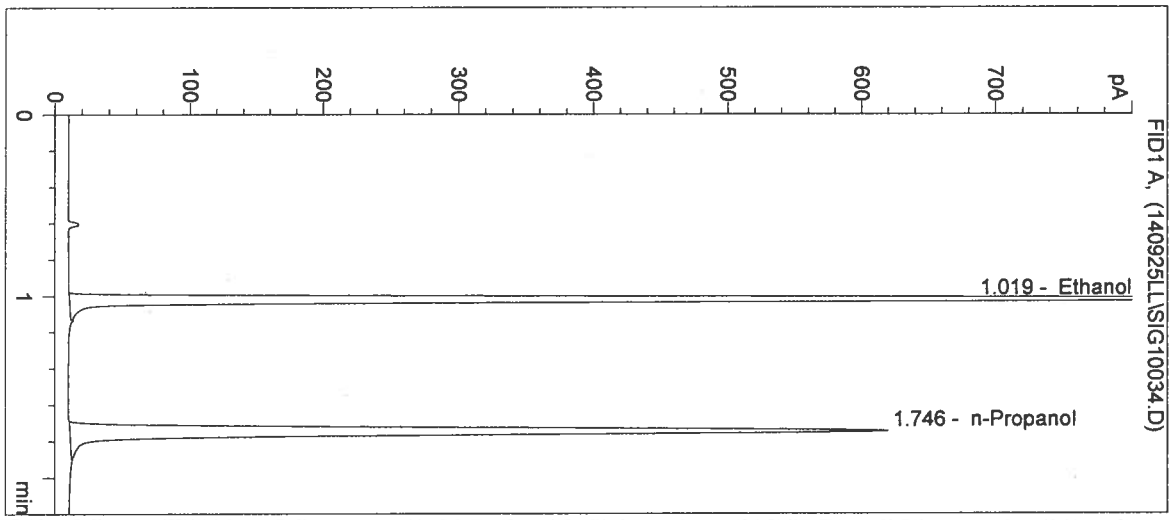
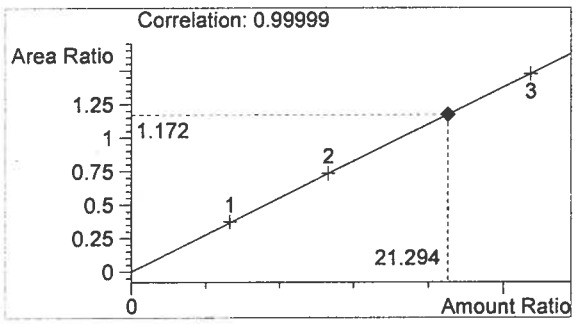
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 5:02:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

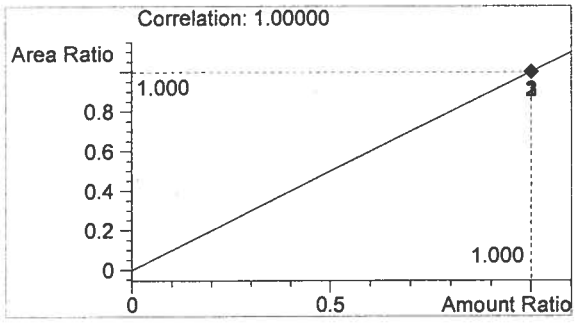
Sample Name: 14043 0.20 #4
Operator: Lyndsey Lowe
Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1908	1.019
2	n-Propanol	1627	1.746



Ethanol 0.256 g/100mL



n-Propanol 0.012 g/100mL

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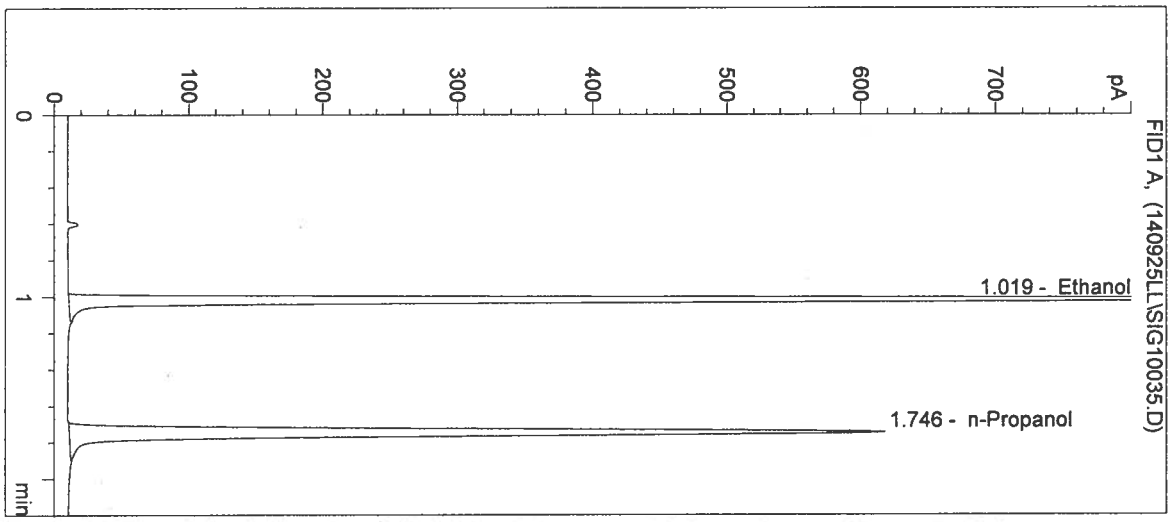
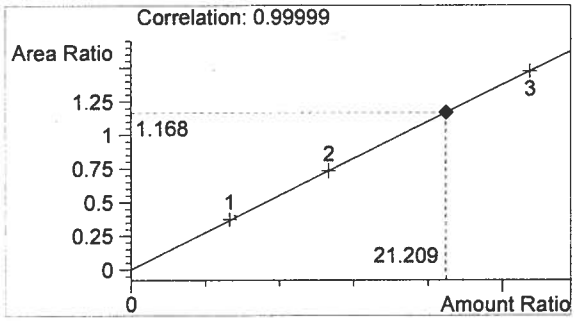
Inj. Date: 9/25/2014 5:06:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

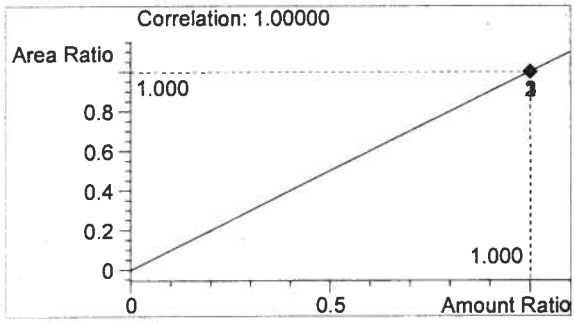
Sample Name: 14043 0.20 #5
Operator: Lyndsey Lowe
Location: Vial 35



#	Compound	Peak Area	RT (min)
1	Ethanol	1896	1.019
2	n-Propanol	1624	1.746



Ethanol 0.255 g/100mL



n-Propanol 0.012 g/100mL

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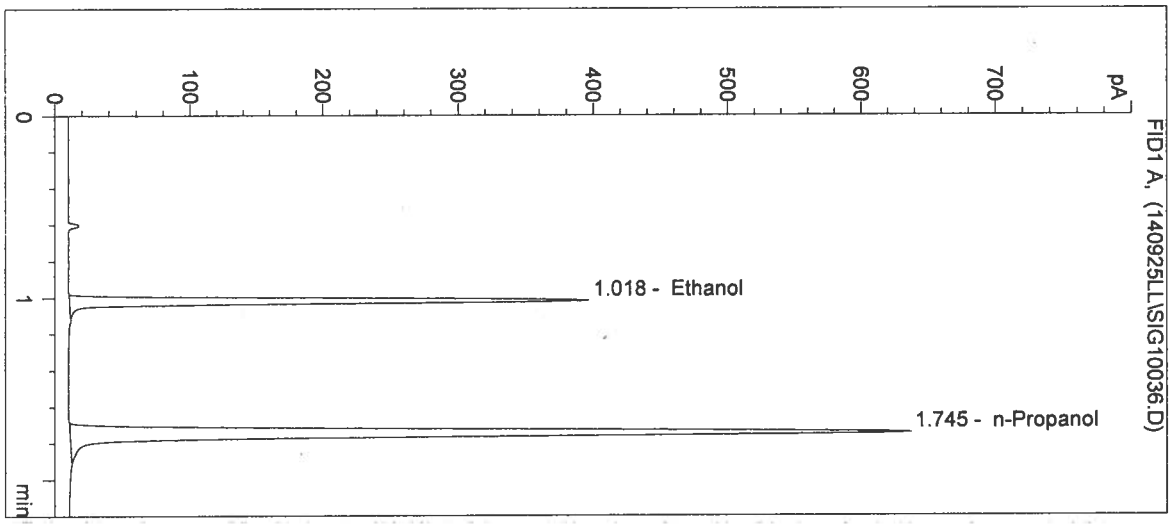
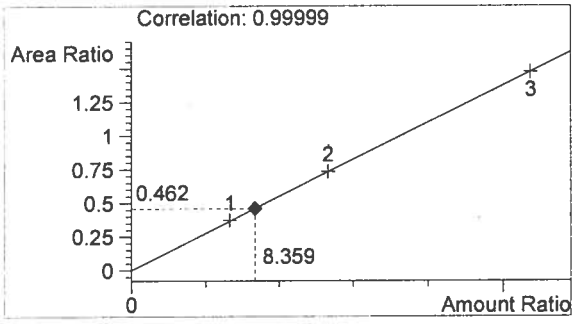
Inj. Date: 9/25/2014 5:09:21 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

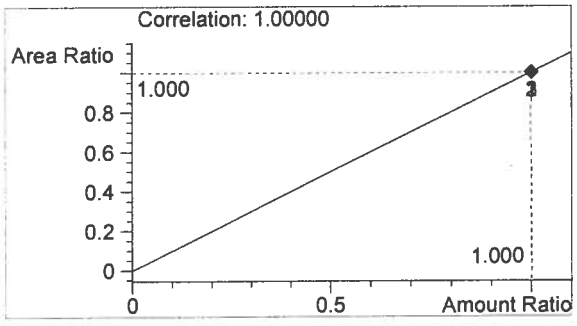
Sample Name: 0.10 Control
Operator: Lyndsey Lowe
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	778	1.018
2	n-Propanol	1682	1.745



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

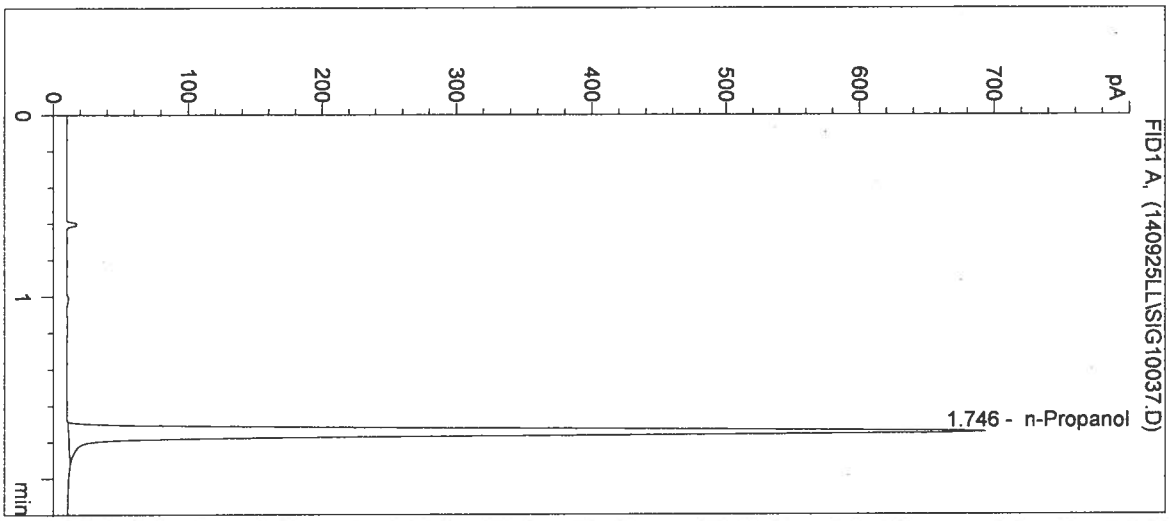
14043
Stamped
10/2/14
Th 10/8/14

Data File: C:\HPCHEM\2\DATA\140925LL\SIG10036.D

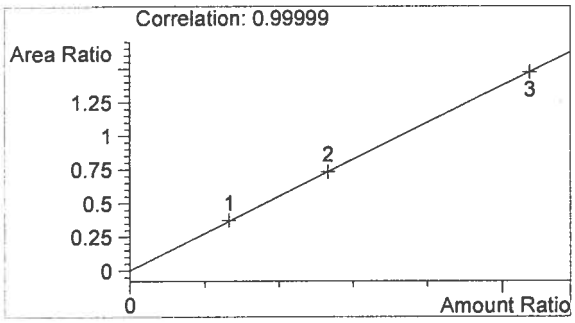
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2014 5:12:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

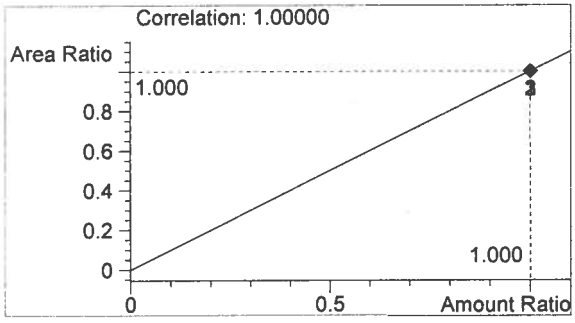
Sample Name: Neg Control
Operator: Lyndsey Lowe
Location: Vial 37



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1827	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14043
Stamped
10/24/14
10/24/14

Data File: C:\HPCHEM\2\DATA\140925LL\SIG10037.D