



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 12029

CUSTOMER INFORMATION

Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.10 g/210L
DATE PREPARED: 07/13/2012
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Justin L. Knoy

	JLK	SS	AJL
1	0.127	0.125	0.129
2	0.128	0.125	0.129
3	0.128	0.126	0.129
4	0.127	0.127	0.126
5	0.129	0.126	0.126
C	0.103	0.104	0.103

ETHANOL CONTROL INFORMATION

LOT NUMBER: A083355 EXPIRATION: 12/2015 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1271 g/100mL PRECISION CV (%): 1.15
STANDARD DEVIATION: 0.00146 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: 0.1034 g/210L
COMBINED STANDARD UNCERTAINTY: ± 0.0012 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5
Melissa L. Pemberton Forensic Scientist Supervisor

7.30.2012
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy	<i>Justin L. Knoy</i>	07/13/2012
SS	Sarah Swenson	<i>Sarah Swenson</i>	07/17/2012
AJL	Asa J. Louis	<i>Asa J. Louis</i>	07/18/2012

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

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

QAP Solution Batch #: **12029**

Date Prepared: **7/13/2012**

Analyst:	JLK	SS	AJL
Date Tested:	7/13/2012	7/17/2012	7/18/2012
Instrument:	HS#1	HS#1	HS#1
1	0.127	0.125	0.129
2	0.128	0.125	0.129
3	0.128	0.126	0.129
4	0.127	0.127	0.126
5	0.129	0.126	0.126
C	0.103	0.104	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000087600	0.0000104058	0.0001016326

Ethanol Control Lot #: A083355
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1271 g/100mL
Standard Deviation: 0.00146 g/100mL
Precision CV (%): 1.15
Equivalent Vapor Concentration: 0.1034 g/210L
Combined Standard Uncertainty (\pm): 0.0012 g/210L

Calculations performed by: Melissa L. Robertson Melissa Robertson 7.25.2012
Name Signature Date

Calculations verified by: Amanda M. Black AM Black 7.30.12
Name Signature Date

Method: Hand Calculation

Tech. review performed by: Melissa L. Robertson Melissa Robertson 7.25.2012
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 7-30-12

Location: WSP-FLSB Seattle, WA Solution Batch Number: 12029

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

Comments:

Reviewer Signature:  Date: 7-30-12

Reviewer Signature: N/A 08 7-30-12 Date: _____

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 Black		
Asa Louis	AL	2012 Jul 25
Brian Capron		
Brianna Peterson		
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Dawn Sklerov		
Justin Knoy	JK	7-25-12
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	7/25/12

Batch # 1 2 0 2 9

CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 12029**

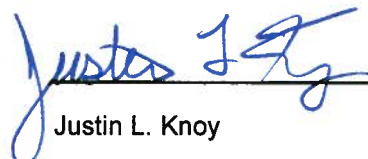
I, Justin L. Knoy, do certify under penalty of perjury that:

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

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

The qap solution, Lot Number 12029, was prepared in the Washington State Toxicology Laboratory on 7/13/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 7/13/2013.

Seattle, WA

 7-25-12
Justin L. Knoy Date
Forensic Toxicologist



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 12029**

I, Sarah M. Swenson, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry and over nine years of experience in forensic toxicology.

The qap solution, Lot Number 12029, was prepared in the Washington State Toxicology Laboratory on 7/13/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 7/13/2013.

Seattle, WA

Sarah M. Swenson

Date

Forensic Toxicologist



CHRISTINE O. GREGOIRE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.10 QAP SOLUTION
CERTIFICATION FOR LOT 12029**

I, Asa J. Louis, do certify under penalty of perjury that:

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

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The qap solution, Lot Number 12029, was prepared in the Washington State Toxicology Laboratory on 7/13/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 7/13/2013.

Seattle, WA

 2012/7/25

Asa J. Louis
Forensic Toxicologist

Date



FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEETPreparation Date: 7-13-12 Initials of Preparer: JKExpiration Date: 7-13-13Lot # of 200-proof Ethanol used in preparation: ZW0039Date the 200-proof Ethanol bottle was opened: 5-15-12

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>12027</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>12028</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>12029</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>12030</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>

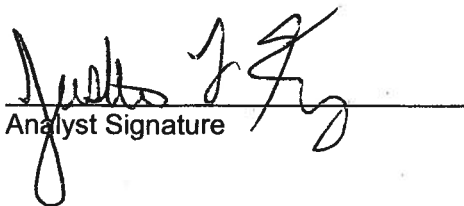
Stir bar is rotating Stirred for minimum 30 minutes; 2 hours for ESS Spigot purged Aliquot taken Batch labeled, packaged and sealed 7-13-12

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: QAP 12030 - new lot # 200 Proof Ethanol ZAS0691,
opened 7-13-12

Analyst Signature


7-13-12

Date

JK 7-13-12

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: 120713JK

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012

Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012

Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012

0.04 Control - Lot #A077459 - Exp. 02/2015

0.10 Control - Lot #A083355 - Exp. 12/2015

0.20 Control - Lot #A084657 - Exp. 02/2016

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0612-01 - Exp. 09/25/2012
3	Vial 3	Ethanol Calibrator 2, E0612-02 - Exp. 09/25/2012
4	Vial 4	Ethanol Calibrator 3, E0612-03 - Exp. 09/25/2012
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12029

JK

Line	Location	Sample Information
15	Vial 15	
16	Vial 16	
17	Vial 17	
18	Vial 18	
19	Vial 19	
20	Vial 20	
21	Vial 21	
22	Vial 22	
23	Vial 23	
24	Vial 24	
25	Vial 25	
26	Vial 26	
27	Vial 27	
28	Vial 28	
29	Vial 29	
30	Vial 30	
31	Vial 31	
32	Vial 32	
33	Vial 33	
34	Vial 34	
35	Vial 35	
36	Vial 36	
37	Vial 37	

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 JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	12027-1	SIMALC1	1	Sample		
11	Vial 11	12027-2	SIMALC1	1	Sample		
12	Vial 12	12027-3	SIMALC1	1	Sample		
13	Vial 13	12027-4	SIMALC1	1	Sample		

12029

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
14	Vial 14	12027-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
17	Vial 17	12028-1	SIMALC1	1	Sample		
18	Vial 18	12028-2	SIMALC1	1	Sample		
19	Vial 19	12028-3	SIMALC1	1	Sample		
20	Vial 20	12028-4	SIMALC1	1	Sample		
21	Vial 21	12028-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
24	Vial 24	12029-1	SIMALC1	1	Sample		
25	Vial 25	12029-2	SIMALC1	1	Sample		
26	Vial 26	12029-3	SIMALC1	1	Sample		
27	Vial 27	12029-4	SIMALC1	1	Sample		
28	Vial 28	12029-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
31	Vial 31	12030-1	SIMALC1	1	Sample		
32	Vial 32	12030-2	SIMALC1	1	Sample		
33	Vial 33	12030-3	SIMALC1	1	Sample		
34	Vial 34	12030-4	SIMALC1	1	Sample		
35	Vial 35	12030-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL JK	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!

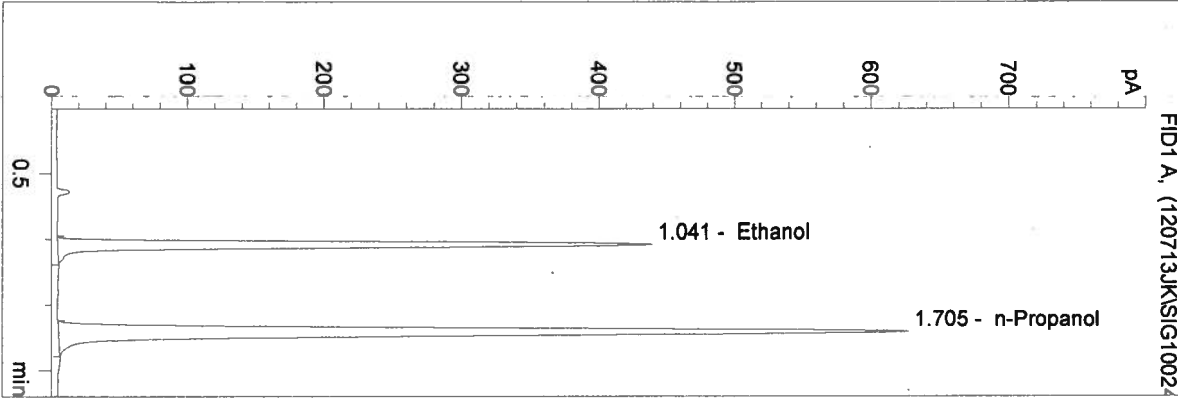
12029

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
 7/13/2012 1:22:36 PM
 Instrument 1
 DB-ALC1

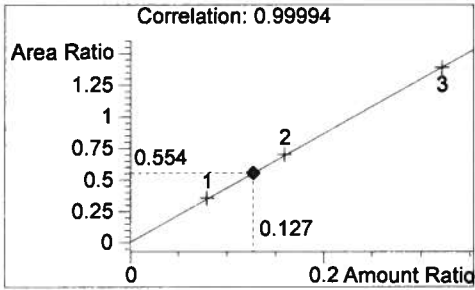
12029-1
 Justin Knoy

vial # 24



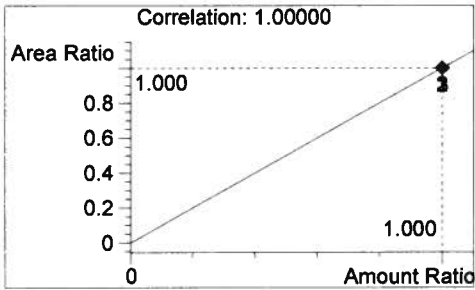
#	Compound	Area	RT
1	Ethanol	1365	1.041
2	n-Propanol	2463	1.705

Tot



Ethanol

0.127 g/100 mL



n-Propanol

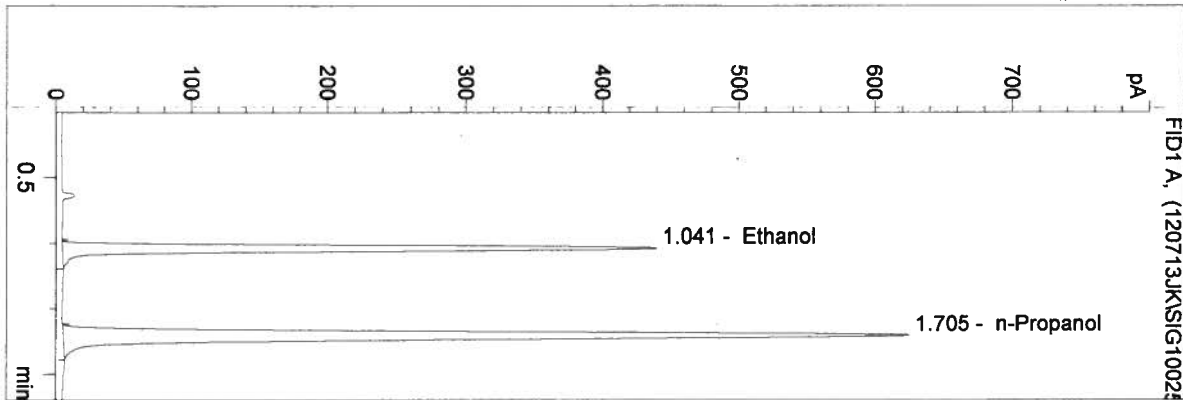
1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 1
 DB-ALC1

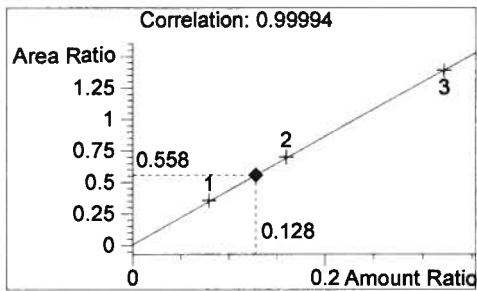
12029-2
 Justin Knoy

vial # 25



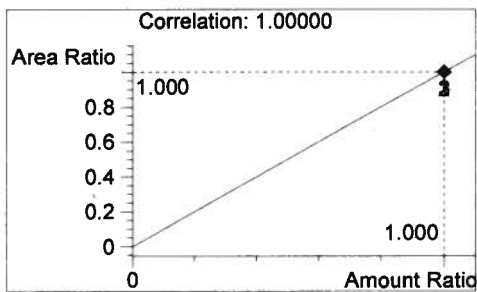
#	Compound	Area	RT
1	Ethanol	1369	1.041
2	n-Propanol	2454	1.705

Tot



Ethanol

0.128 g/100 mL



n-Propanol

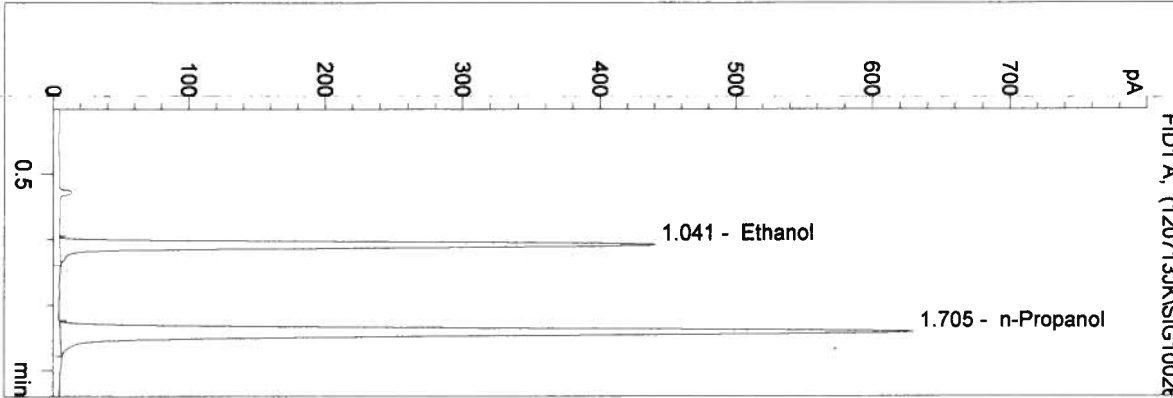
1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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 Instrument 1
 DB-ALC1

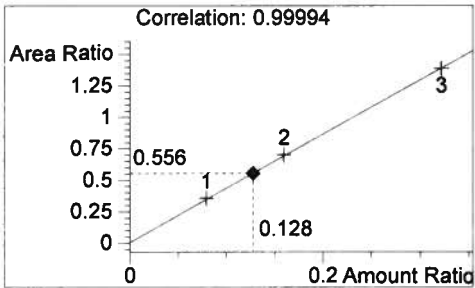
12029-3
 Justin Knoy

vial # 26



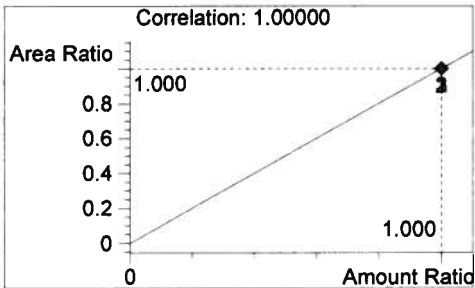
#	Compound	Area	RT
1	Ethanol	1374	1.041
2	n-Propanol	2471	1.705

Tot



Ethanol

0.128 g/100 mL



n-Propanol

1.000 g/100 mL

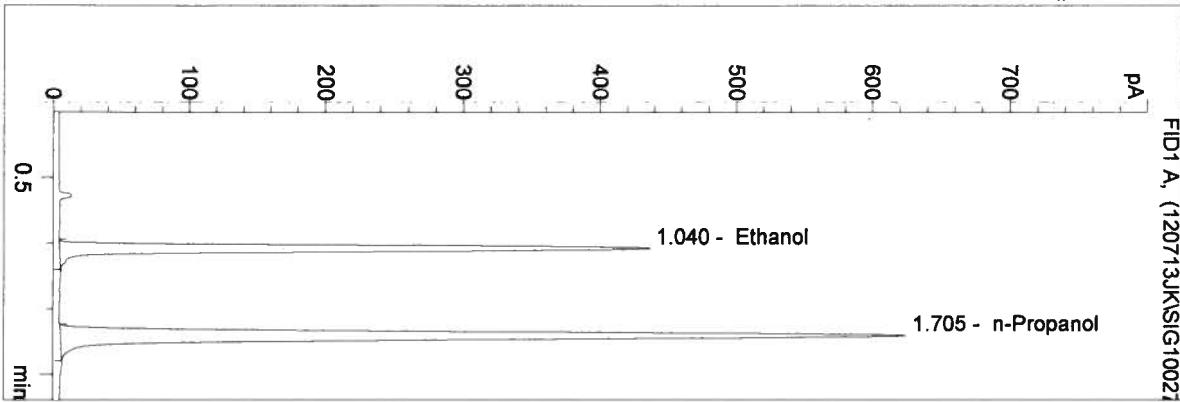
OK

WASHINGTON STATE TOXICOLOGY LABORATORY

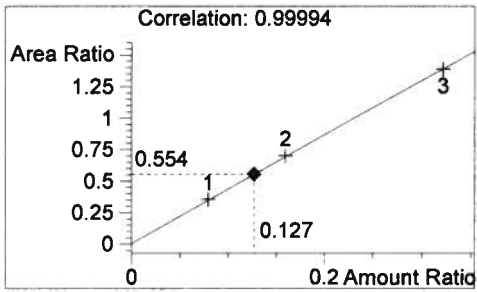
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/13/2012 1:31:50 PM
 Instrument 1
 DB-ALC1

12029-4
 Justin Knoy

vial # 27

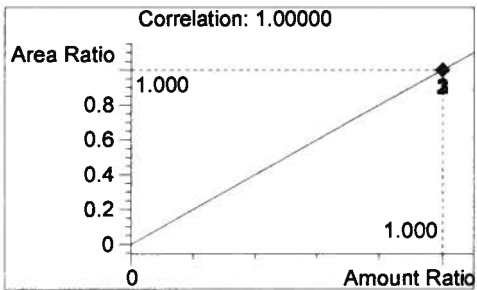


#	Compound	Area	RT
1	Ethanol	1363	1.040
2	n-Propanol	2461	1.705
Tot			



Ethanol

0.127 g/100 mL



n-Propanol

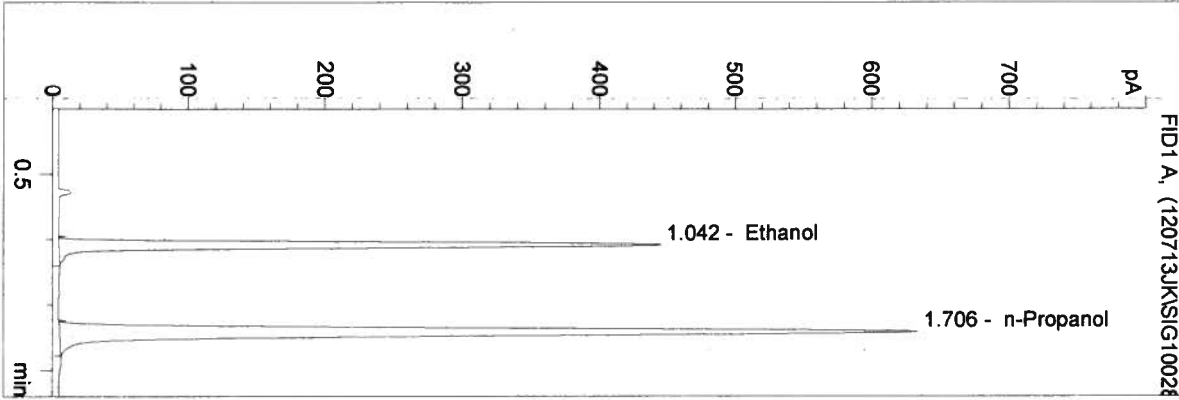
1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

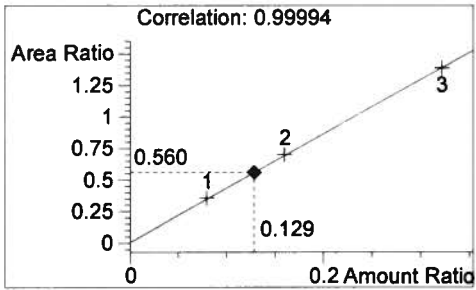
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/13/2012 1:34:55 PM
 Instrument 1
 DB-ALC1

12029-5
 Justin Knoy

vial # 28

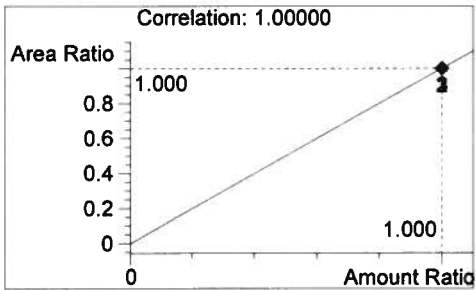


#	Compound	Area	RT
1	Ethanol	1395	1.042
2	n-Propanol	2492	1.706
Tot			



Ethanol

0.129 g/100 mL



n-Propanol

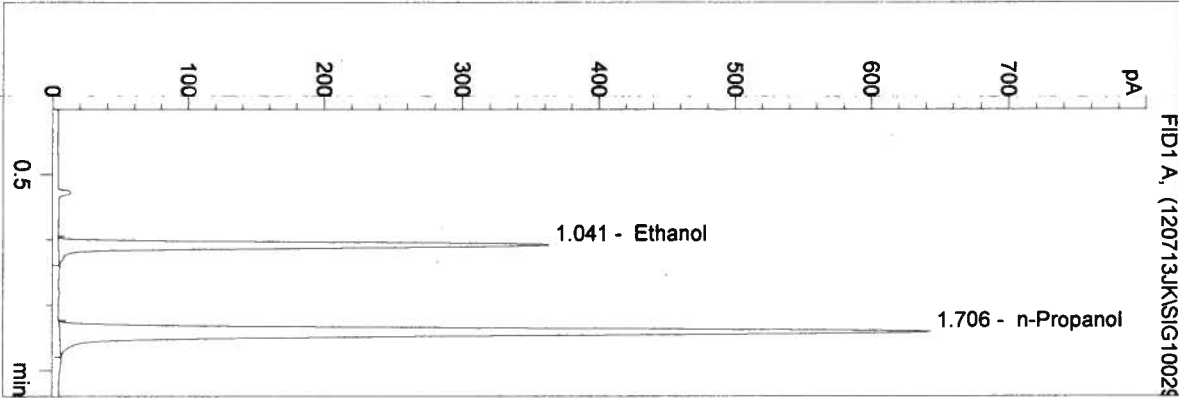
1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
 7/13/2012 1:37:59 PM
 Instrument 1
 DB-ALC1

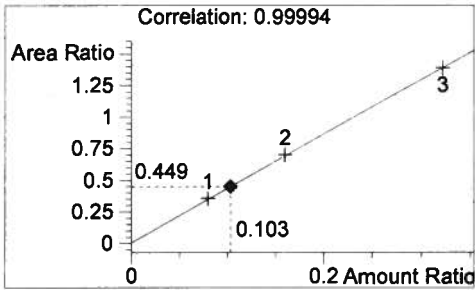
0.10 CTRL JK
 Justin Knoy

vial # 29



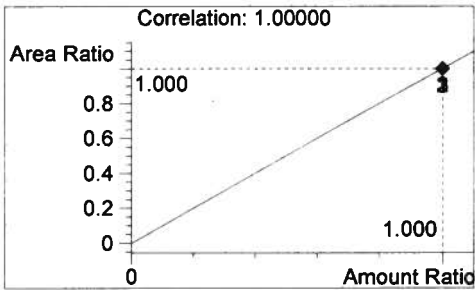
#	Compound	Area	RT
1	Ethanol	1136	1.041
2	n-Propanol	2531	1.706

Tot



Ethanol

0.103 g/100 mL



n-Propanol

1.000 g/100 mL

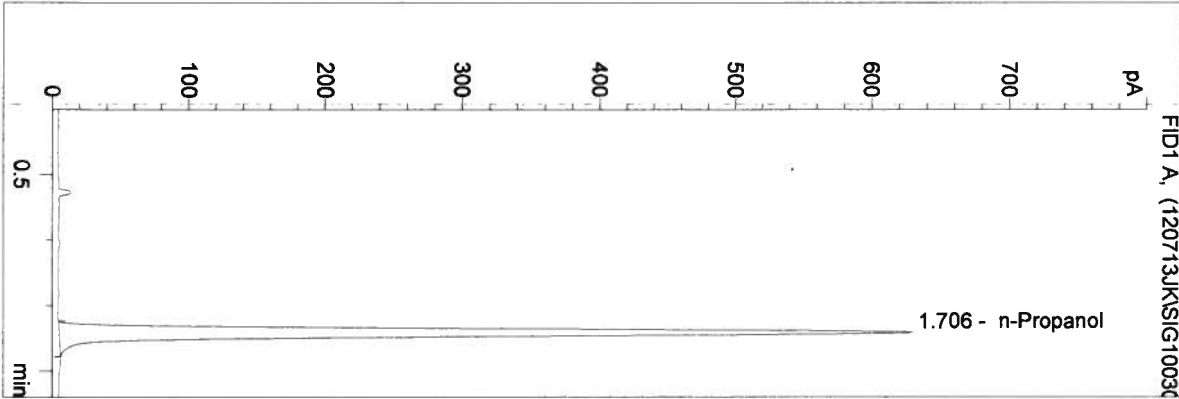
12029

WASHINGTON STATE TOXICOLOGY LABORATORY

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 7/13/2012 1:41:04 PM
 Instrument 1
 DB-ALC1

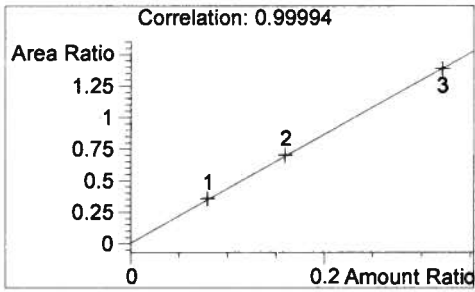
NEG CTRL JK
 Justin Knoy

vial # 30



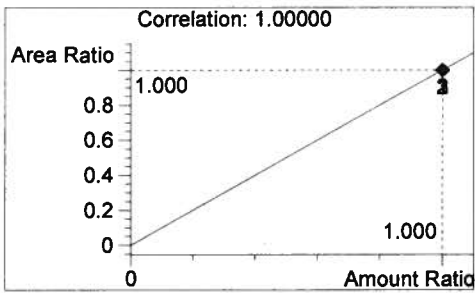
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2477	1.706

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

12029

JK

Sequence Parameters:

Operator: Sarah Swenson
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: 120717SS
Part of Methods to run: According to Runtime Checklist
Barcode Reader: not used
Shutdown Cmd/Macro: none

Sequence Comment:

0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A083355 - exp 12/2015
0.20 Control - Lot # A084657 - exp 02/2016

CALIBRATION
DATA IN FILE
12027

Sequence Table (Front Injector):

Sample Information Part:

SMS 7/18/12

Line	Location	Sample Information
====	=====	=====
1	Vial 1	
2	Vial 2	0.079 CAL - E0612-01 EXP 9/25/12
3	Vial 3	0.158 CAL - E0612-02 EXP 9/25/12
4	Vial 4	0.316 CAL - E0612-03 EXP 9/25/12
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

12029
SMS

Line	Location	Sample Information
====	=====	=====
17	Vial 17	
18	Vial 18	
19	Vial 19	
20	Vial 20	
21	Vial 21	
22	Vial 22	
23	Vial 23	
24	Vial 24	
25	Vial 25	
26	Vial 26	
27	Vial 27	
28	Vial 28	
29	Vial 29	
30	Vial 30	
31	Vial 31	
32	Vial 32	
33	Vial 33	
34	Vial 34	
35	Vial 35	
36	Vial 36	
37	Vial 37	

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	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	12027 #1	SIMALC1	1	Sample		
11	Vial 11	12027 #2	SIMALC1	1	Sample		
12	Vial 12	12027 #3	SIMALC1	1	Sample		
13	Vial 13	12027 #4	SIMALC1	1	Sample		
14	Vial 14	12027 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-SS	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		
17	Vial 17	12028 #1	SIMALC1	1	Sample		

12029

S/S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
18	Vial 18	12028 #2	SIMALC1	1	Sample		
19	Vial 19	12028 #3	SIMALC1	1	Sample		
20	Vial 20	12028 #4	SIMALC1	1	Sample		
21	Vial 21	12028 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CONTROL-SS	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		
24	Vial 24	12029 #1	SIMALC1	1	Sample		
25	Vial 25	12029 #2	SIMALC1	1	Sample		
26	Vial 26	12029 #3	SIMALC1	1	Sample		
27	Vial 27	12029 #4	SIMALC1	1	Sample		
28	Vial 28	12029 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CONTROL-SS	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		
31	Vial 31	12030 #1	SIMALC1	1	Sample		
32	Vial 32	12030 #2	SIMALC1	1	Sample		
33	Vial 33	12030 #3	SIMALC1	1	Sample		
34	Vial 34	12030 #4	SIMALC1	1	Sample		
35	Vial 35	12030 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CONTROL-SS	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CONTROL-SS	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL	SIMALC1	2	Replace		Average REPLACE		
4	Vial 4	0.316 CAL	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

CALIBRATION
DONE MANUALLY

SMS
7/24/12

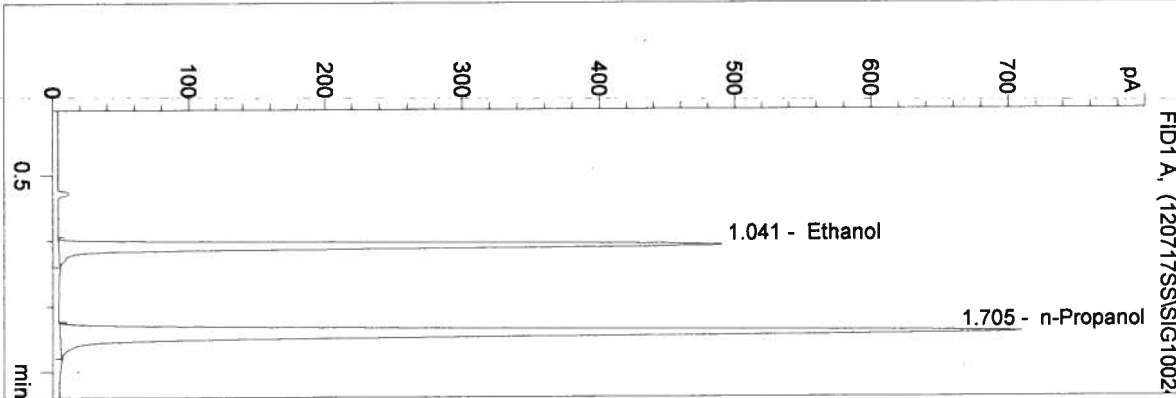
12029

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

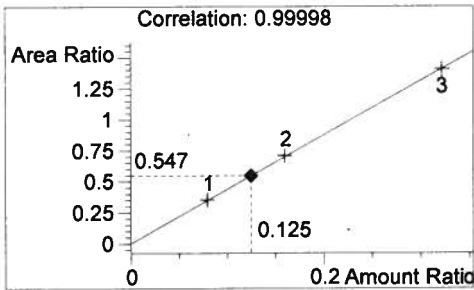
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:17:04 PM
 Instrument 1
 DB-ALC1

12029 #1
 Sarah Swenson
 vial # 24



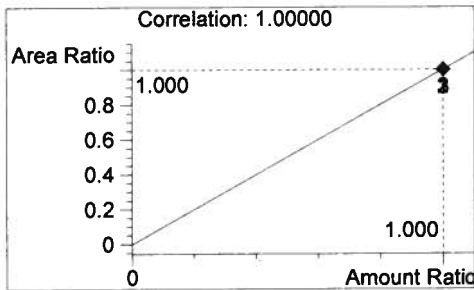
#	Compound	Area	RT
1	Ethanol	1523	1.041
2	n-Propanol	2783	1.705

Tot



Ethanol

0.125 g/100 mL



n-Propanol

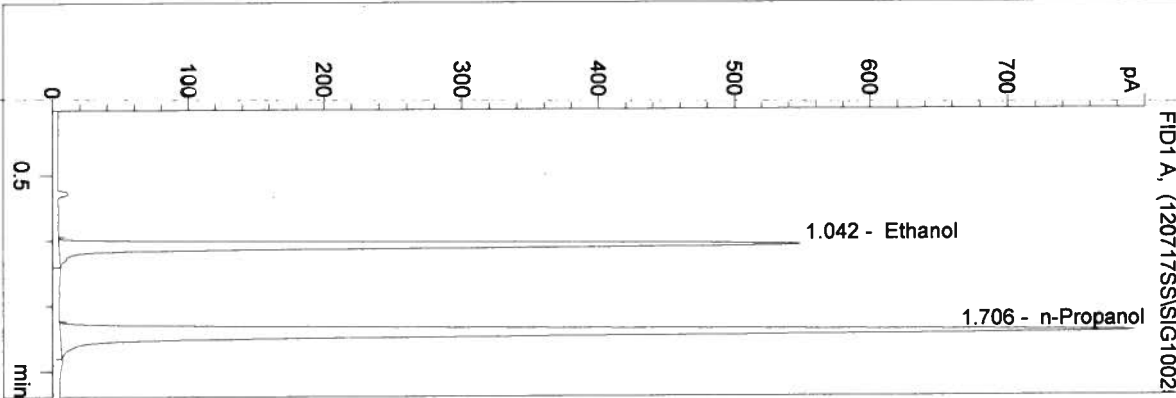
1.000 g/100 mL

SMS

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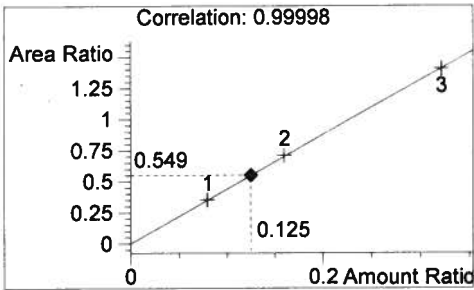
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:20:08 PM
 Instrument 1
 DB-ALC1

12029 #2
 Sarah Swenson
 vial # 25



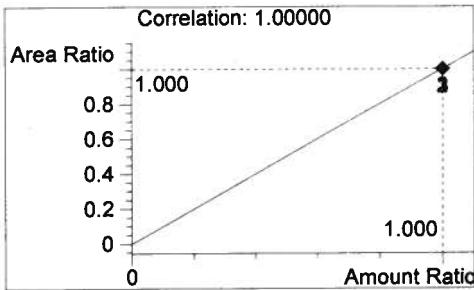
#	Compound	Area	RT
1	Ethanol	1703	1.042
2	n-Propanol	3105	1.706

Tot



Ethanol

0.125 g/100 mL



n-Propanol

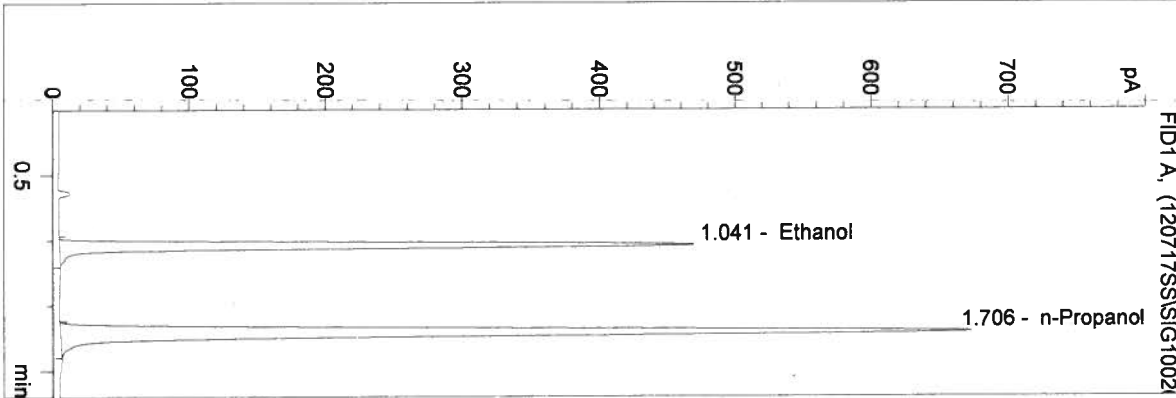
1.000 g/100 mL

SJS

WASHINGTON STATE TOXICOLOGY LABORATORY

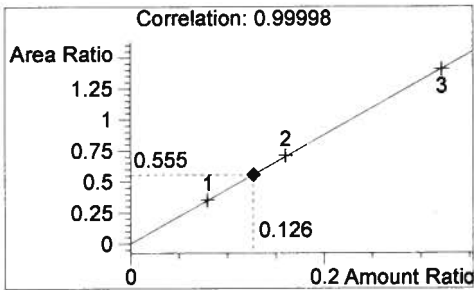
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:23:13 PM
 Instrument 1
 DB-ALC1

12029 #3
 Sarah Swenson
 vial # 26



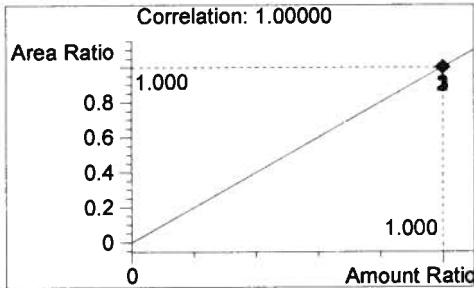
#	Compound	Area	RT
1	Ethanol	1465	1.041
2	n-Propanol	2639	1.706

Tot



Ethanol

0.126 g/100 mL



n-Propanol

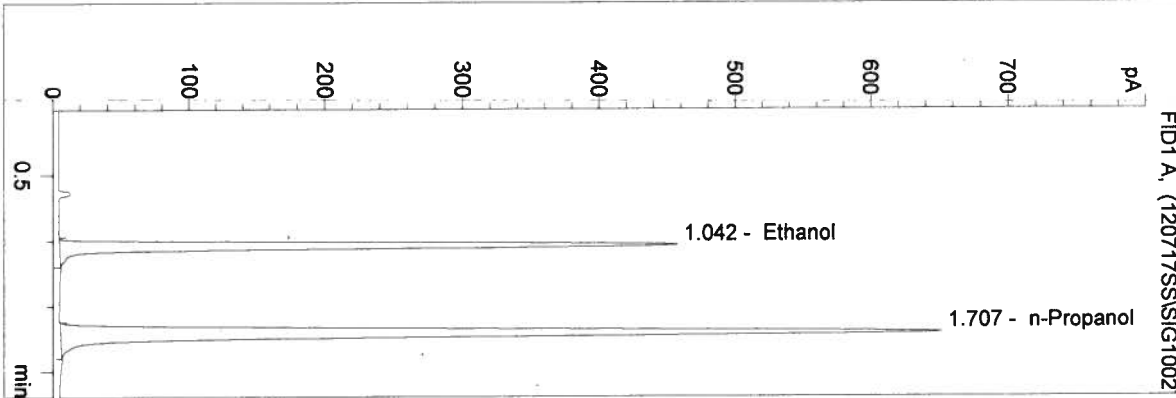
1.000 g/100 mL

S/S

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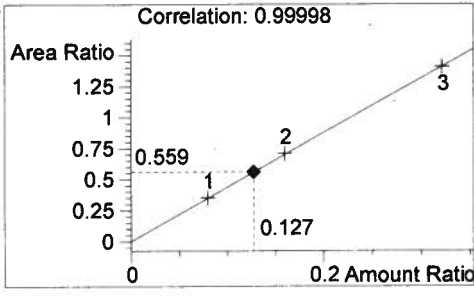
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:26:18 PM
 Instrument 1
 DB-ALC1

12029 #4
 Sarah Swenson
 vial # 27

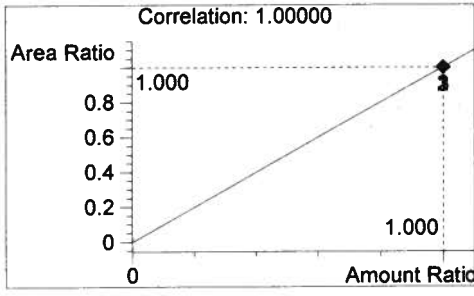


#	Compound	Area	RT
1	Ethanol	1433	1.042
2	n-Propanol	2565	1.707

Tot			



Ethanol 0.127 g/100 mL

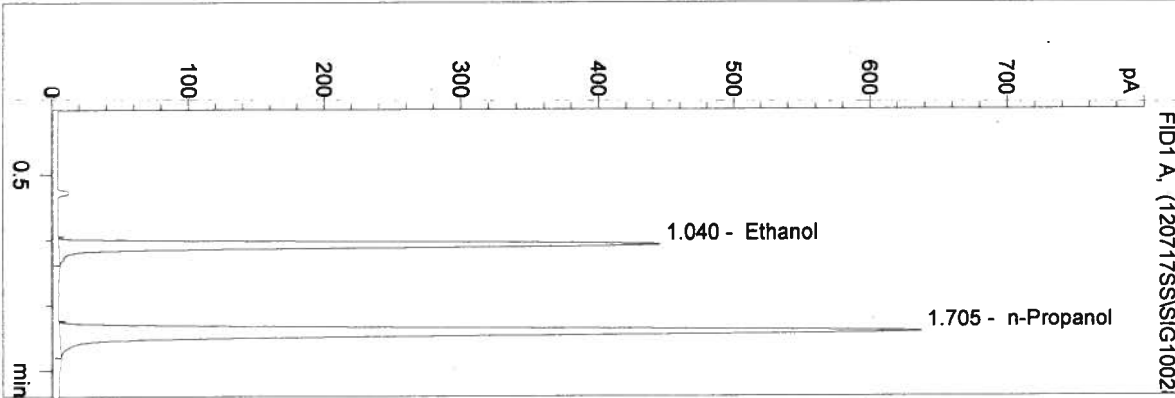


n-Propanol 1.000 g/100 mL

S/S

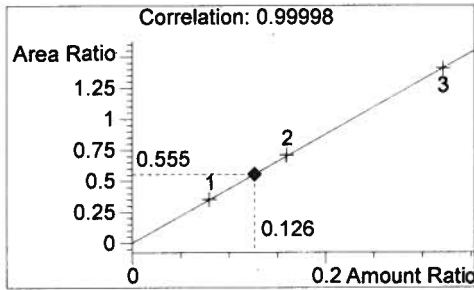
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:29:22 PM
 Instrument 1
 DB-ALC1

12029 #5
 Sarah Swenson
 vial # 28



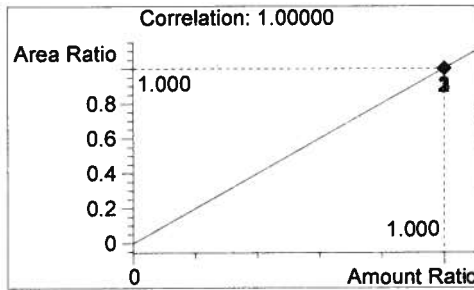
#	Compound	Area	RT
1	Ethanol	1391	1.040
2	n-Propanol	2508	1.705

Tot



Ethanol

0.126 g/100 mL



n-Propanol

1.000 g/100 mL

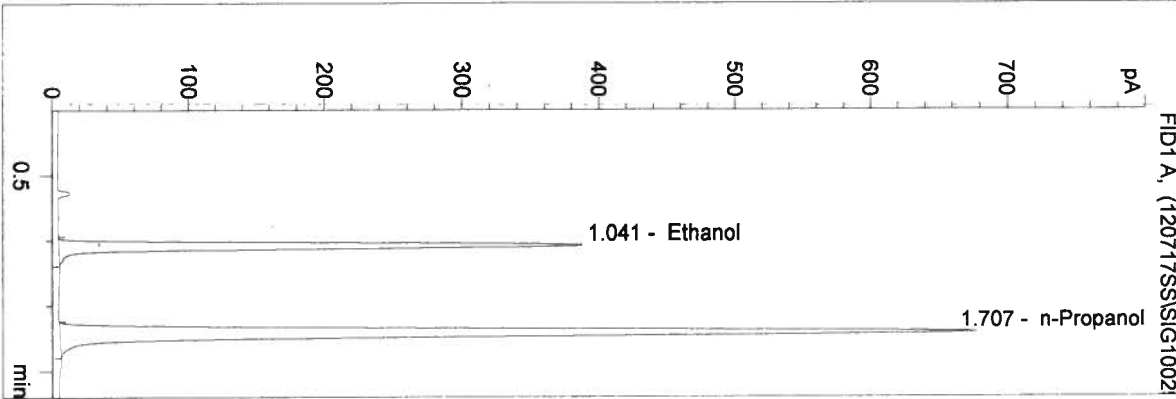
SMS

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C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:32:27 PM
 Instrument 1
 DB-ALC1

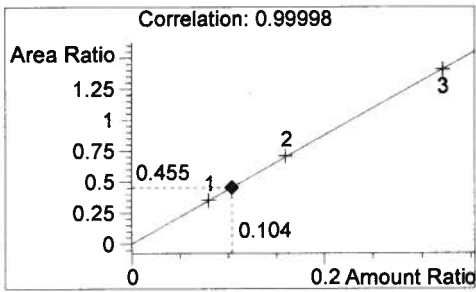
0.10 CONTROL-SS
 Sarah Swenson

vial # 29



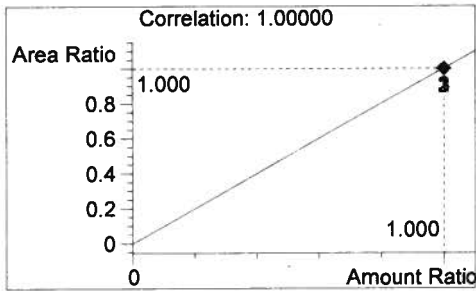
#	Compound	Area	RT
1	Ethanol	1211	1.041
2	n-Propanol	2661	1.707

Tot



Ethanol

0.104 g/100 mL



n-Propanol

1.000 g/100 mL

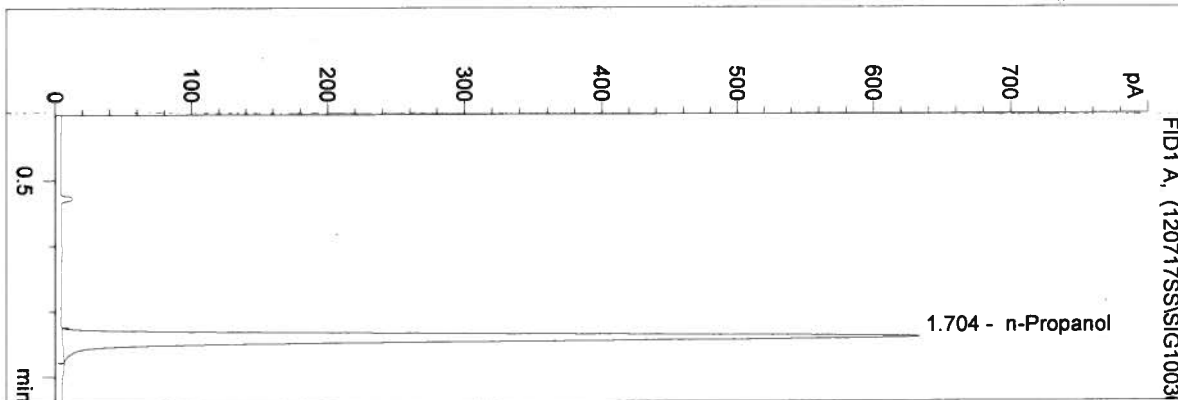
12029

SMS

C:\HPCHEM\1\METHODS\SIMALC1.M
 7/17/2012 3:35:32 PM
 Instrument 1
 DB-ALC1

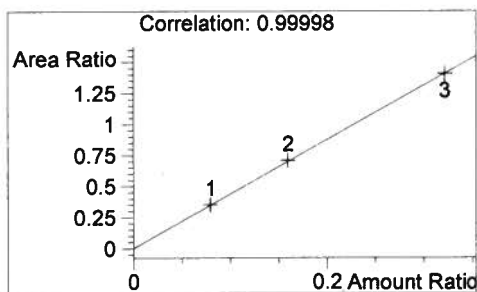
NEG CONTROL-SS
 Sarah Swenson

vial # 30



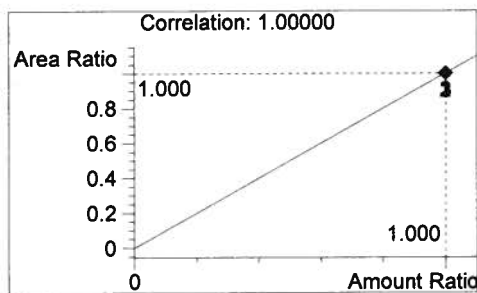
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2492	1.704

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

SMS
 12029

Sequence Parameters:

Operator: asa louis
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 120718AL
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

cal 1 e0612-01 exp 09/25/2012
 cal 2 e0612-02 exp 09/25/2012
 cal 3 e0612-03 exp 09/25/2012
 0.04 control - lot a077459 exp 02/2015
 0.10 control - lot a083355 exp 12/2015
 0.20 control - lot a084657 exp 02/2016

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 - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	qap 12027 #1	SIMALC1	1	Sample		
11	Vial 11	qap 12027 #2	SIMALC1	1	Sample		
12	Vial 12	qap 12027 #3	SIMALC1	1	Sample		
13	Vial 13	qap 12027 #4	SIMALC1	1	Sample		
14	Vial 14	qap 12027 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC1	1	Ctrl Samp		
17	Vial 17	qap 12028 #1	SIMALC1	1	Sample		
18	Vial 18	qap 12028 #2	SIMALC1	1	Sample		
19	Vial 19	qap 12028 #3	SIMALC1	1	Sample		
20	Vial 20	qap 12028 #4	SIMALC1	1	Sample		
21	Vial 21	qap 12028 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC1	1	Ctrl Samp		
24	Vial 24	qap 12029 #1	SIMALC1	1	Sample		
25	Vial 25	qap 12029 #2	SIMALC1	1	Sample		
26	Vial 26	qap 12029 #3	SIMALC1	1	Sample		
27	Vial 27	qap 12029 #4	SIMALC1	1	Sample		
28	Vial 28	qap 12029 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC1	1	Ctrl Samp		
31	Vial 31	qap 12030 #1	SIMALC1	1	Sample		
32	Vial 32	qap 12030 #2	SIMALC1	1	Sample		
33	Vial 33	qap 12030 #3	SIMALC1	1	Sample		

*calibration
in 12027 folder*

12029

*A
2012 Jul 19*

Sequence: C:\HPCHEM\1\SEQUENCE\AL-QAP1.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
34	Vial 34	gap 12030 #4	SIMALC1	1	Sample		
35	Vial 35	gap 12030 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	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!

12029

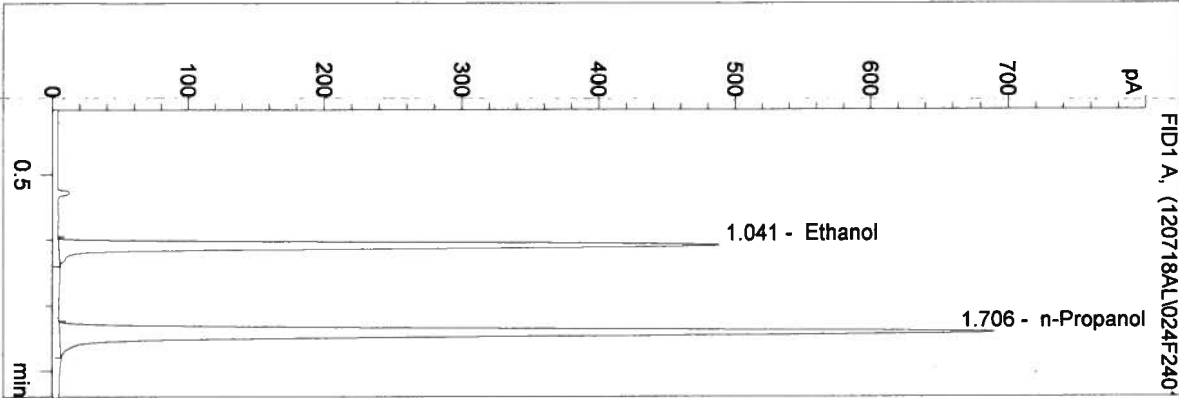
A
2012 Jul 19

WASHINGTON STATE TOXICOLOGY LABORATORY

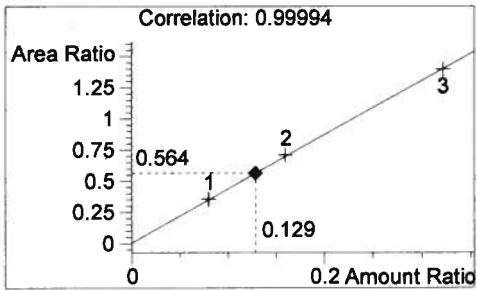
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:18:33 AM
 Instrument 1
 DB-ALC1

gap 12029 #1
 asa louis

vial # 24

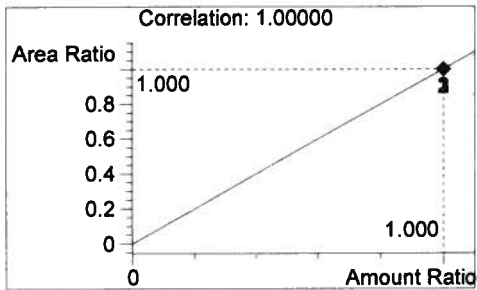


#	Compound	Area	RT
1	Ethanol	1532	1.041
2	n-Propanol	2717	1.706
Tot			



Ethanol

0.129 g/100 mL



n-Propanol

1.000 g/100 mL

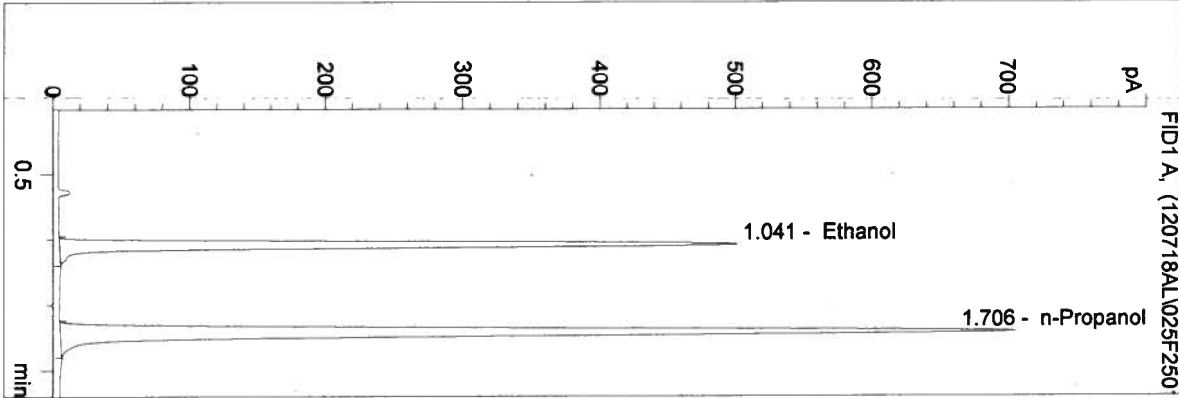
A
 2012 Jul 19

WASHINGTON STATE TOXICOLOGY LABORATORY

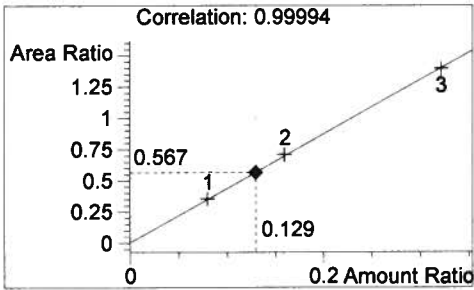
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:21:38 AM
 Instrument 1
 DB-ALC1

gap 12029 #2
 asa louis

vial # 25

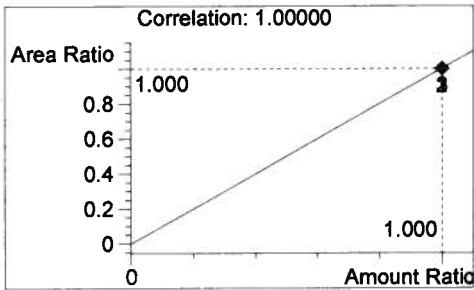


#	Compound	Area	RT
1	Ethanol	1576	1.041
2	n-Propanol	2780	1.706
Tot			



Ethanol

0.129 g/100 mL



n-Propanol

1.000 g/100 mL

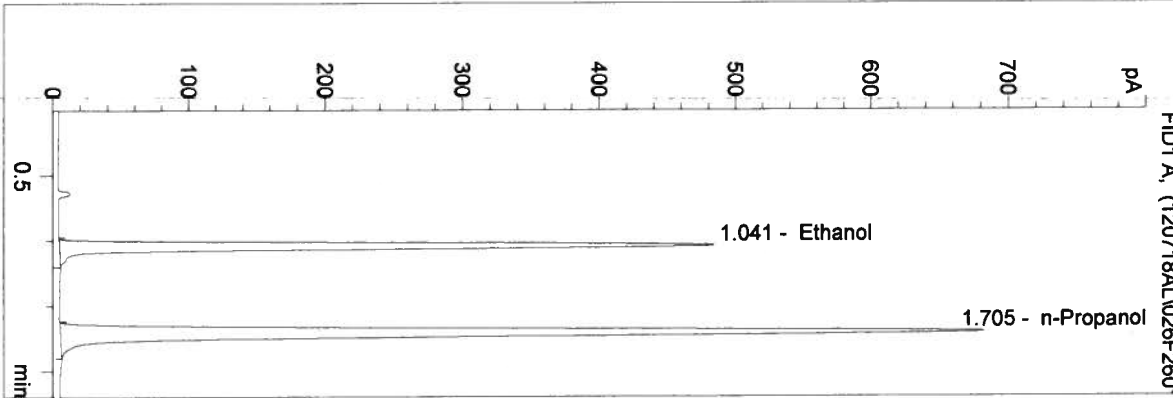
A
 2012 Jul 19

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C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:24:42 AM
 Instrument 1
 DB-ALC1

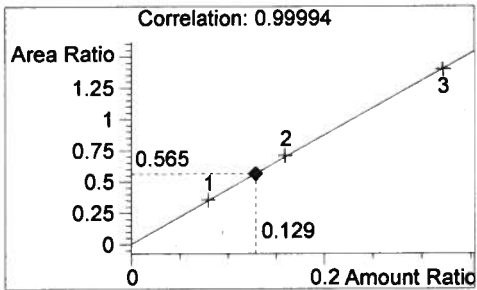
gap 12029 #3
 asa louis

vial # 26



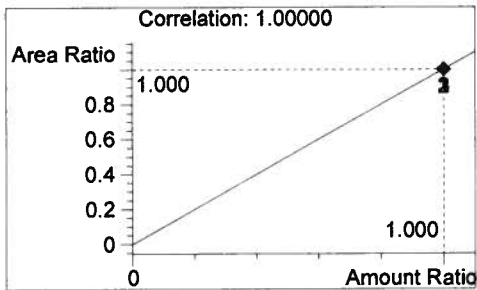
#	Compound	Area	RT
1	Ethanol	1517	1.041
2	n-Propanol	2685	1.705

Tot



Ethanol

0.129 g/100 mL



n-Propanol

1.000 g/100 mL

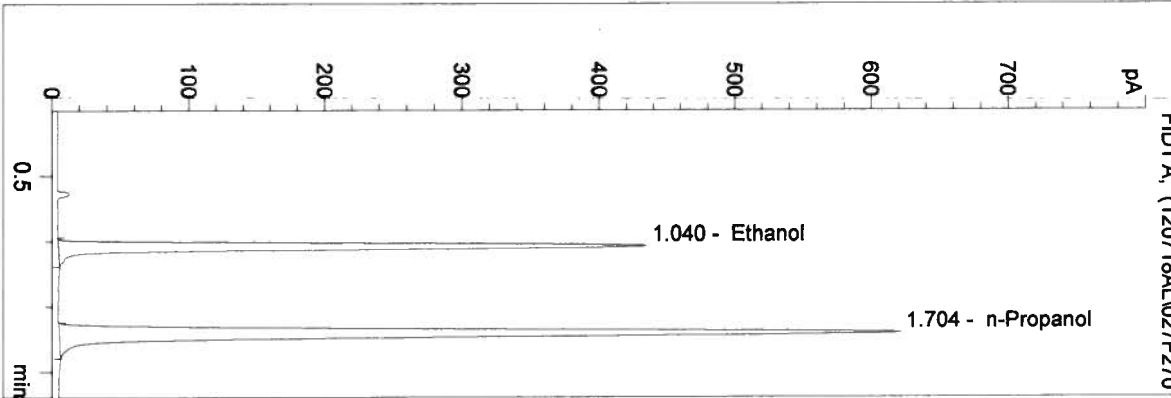
A
 2012 Jul 19

WASHINGTON STATE TOXICOLOGY LABORATORY

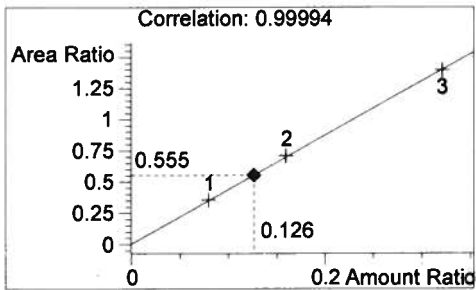
C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:27:47 AM
 Instrument 1
 DB-ALC1

gap 12029 #4
 asa louis

vial # 27

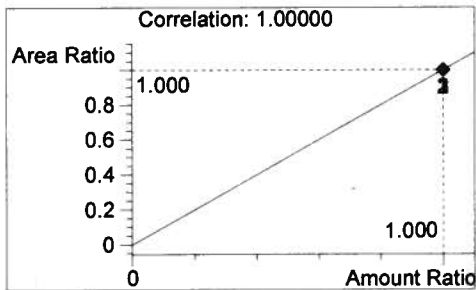


#	Compound	Area	RT
1	Ethanol	1353	1.040
2	n-Propanol	2439	1.704
Tot			



Ethanol

0.126 g/100 mL



n-Propanol

1.000 g/100 mL

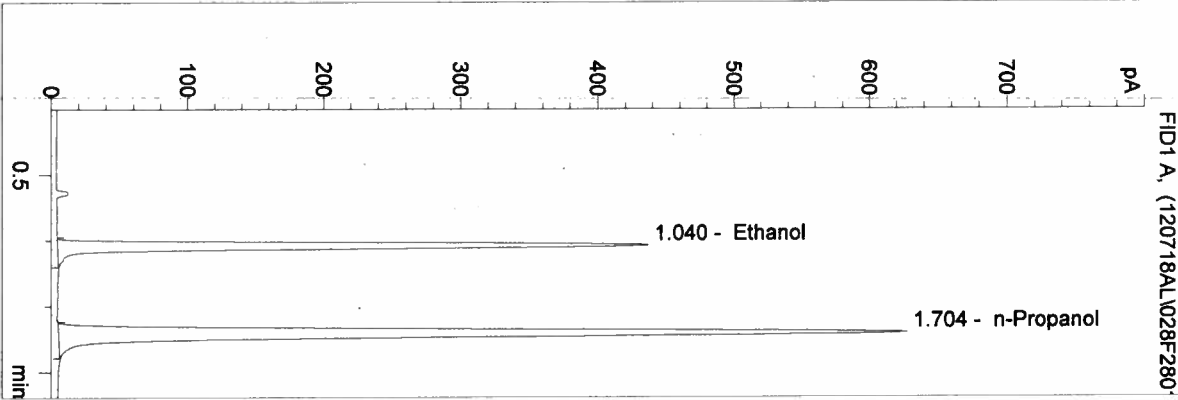
AL
 2012 Jul 19

WASHINGTON STATE TOXICOLOGY LABORATORY

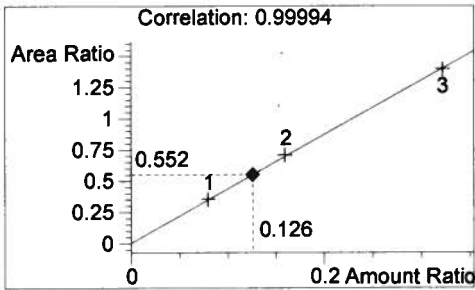
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 7/18/2012 11:30:52 AM
 Instrument 1
 DB-ALC1

gap 12029 #5
 asa louis

vial # 28

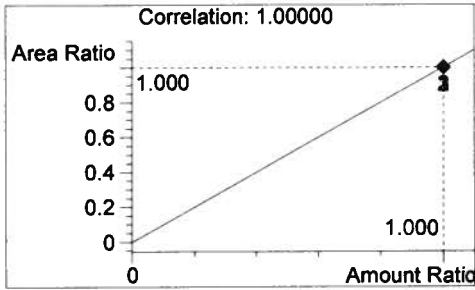


#	Compound	Area	RT
1	Ethanol	1369	1.040
2	n-Propanol	2478	1.704
Tot			



Ethanol

0.126 g/100 mL



n-Propanol

1.000 g/100 mL

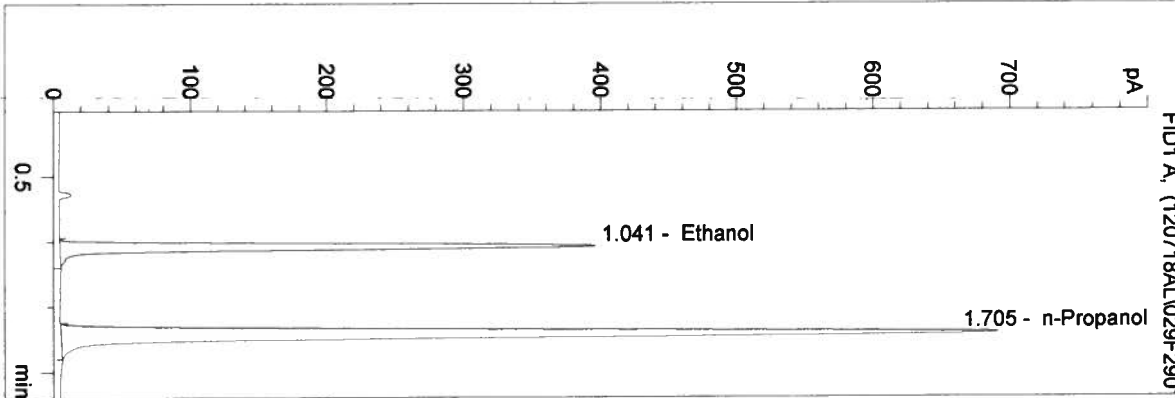
AL
 2012 Jul 19

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:33:56 AM
 Instrument 1
 DB-ALC1

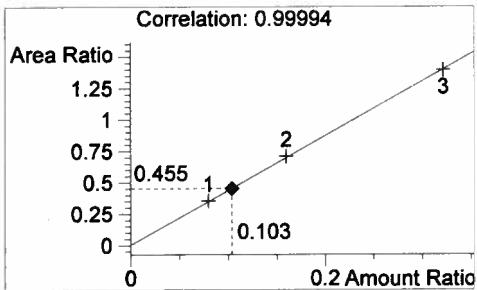
0.10 ctrl - al
 asa louis

vial # 29



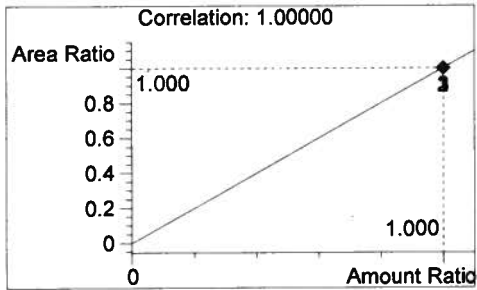
#	Compound	Area	RT
1	Ethanol	1237	1.041
2	n-Propanol	2722	1.705

Tot



Ethanol

0.103 g/100 mL



n-Propanol

1.000 g/100 mL

A
 2012 Jul 19

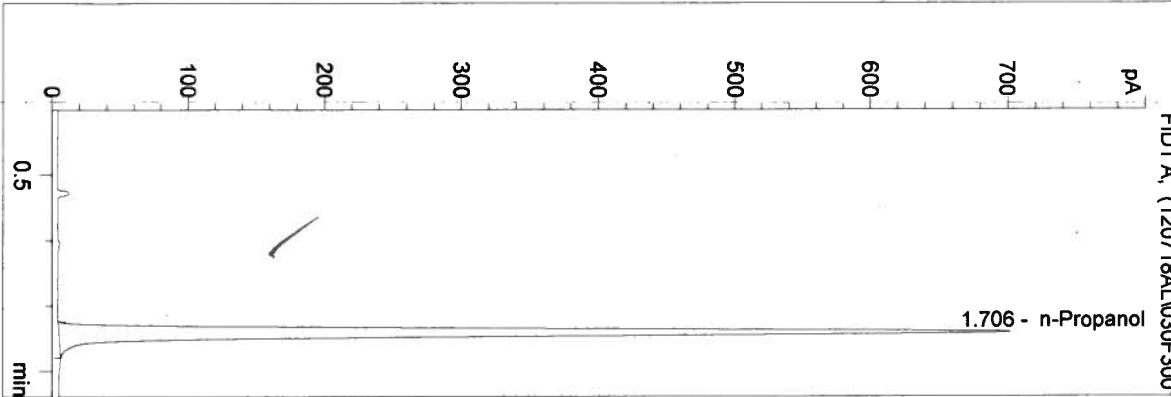
12029

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
 7/18/2012 11:37:01 AM
 Instrument 1
 DB-ALC1

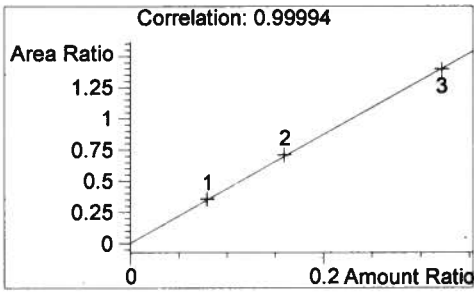
neg ctrl - al
 asa louis

vial # 30



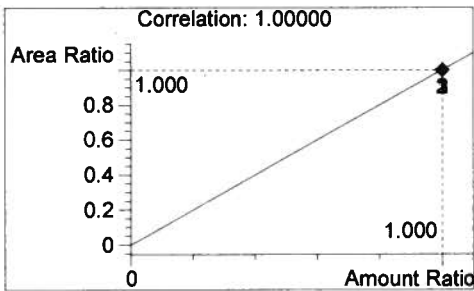
#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2771	1.706

Tot



Ethanol

0.000 g/100 mL



n-Propanol

1.000 g/100 mL

AL
 2012 Jul 19

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