WASHINGTON STATE TOXICOLOGY LABORATORY
FORENSIC LABORATORY SERVICES BUREAU
WASHINGTON STATE PATROL
2203 AIRPORT WAY S, SUITE 360
SEATTLE, WASHINGTON 98134-2027
(206) 262-6100 FAX (206) 262-6145

Preparation and certification of **0.08** g/210L **Simulator External Standard solution**

Batch number **03046** Date: 12/30/2003

Preparation: 69.1 mL of absolute ethyl alcohol diluted to 54 Liters with water

Concentration of ethanol (g/100mL) measured by gas chromatography:

	Anal 1	Anal 2	Anal 3	Anal 4	Anal 5	Anal 6	Anal 7	Anal 8	Anal 9	Anal10	Anal 11	Anal 12
1	0.102	0.101	0.101	0.102	0.101	0.101	0.103	0.101	0.101	0.101	0.101	
2	0.102	0.101	0.101	0.103	0.102	0.103	0.103	0.101	0.102	0.101	0.102	
3	0.102	0.101	0.102	0.103	0.102	0.104	0.104	0.101	0.101	0.101	0.102	
4	0.103	0.102	0.102	0.104	0.100	0.103	0.104	0.102	0.101	0.102	0.102	
5	0.103	0.102	0.101	0.104	0.101	0.104	0.104	0.102	0.102	0.101	0.101	
Ctrl	0.101	0.098	0.099	0.102	0.101	0.101	0.103	0.099	0.099	0.099	0.100	

External Control:

Lot #: A024546 Exp date: 09/05

Target concentration: 0.10 g/100mL

Statistics:

Avg. solution concent.: 0.1020 g/100 mL

SD: 0.00104

Range (3xSD): 0.0989 to 0.1051

Precision CV (%): 1.0154 %

Equivalent vapor concent.: 0.0829 g/210L

Analyst	Name	Signature	Date
1	Brian Capron	Brian Capron	12/31/03
2	Naziha Nuwayhid, PhD		12/31/03
3	William P Marshall	William P Marshall	01/02/04
4	Kari Gruendell	Kari Gruendell	01/05/04
5	Asa Louis		01/05/04
6	Melissa Pemberton	Melissa L Pemberton	01/05/04
7	Ann Marie Gordon	Ann Marie Gordon	01/05/04
8	Jayne E. Thatcher	Jayne E. Thatcher	01/07/04
9	Mary E Wilson	Mary E Wilson	01/07/04
10	Edward Formoso	E Formoso	01/08/04
11	Estuardo J. Miranda	Estuardo Miranda	01/13/04
12			

Prepared by: Brian Capron according to the approved protocol

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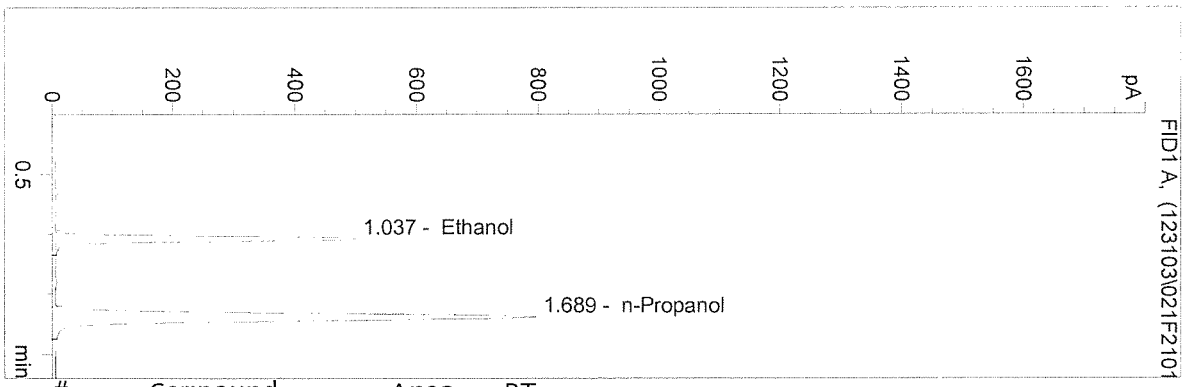
C:\HPCHEM\2\METHODS\BLDALCO2.M
12/31/03 7:55:21 AM
Instrument 2
DB-ALC1

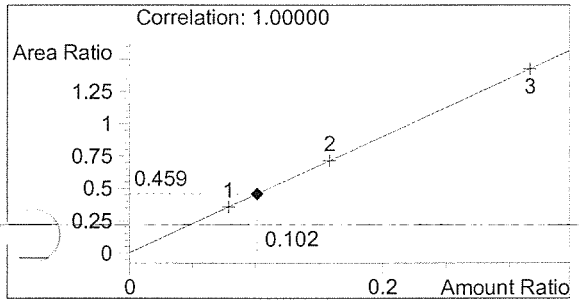
03046 #1 SIM
B.CAPRON

vial # 21

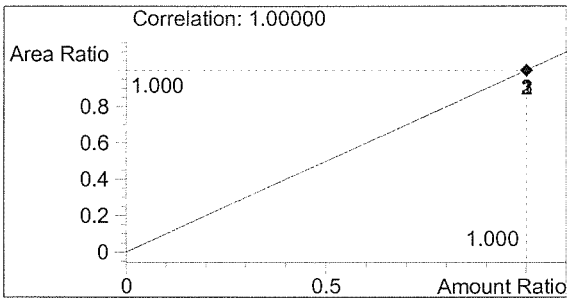


#	Compound	Area	RT
1	Ethanol	1538	1.037
2	n-Propanol	3348	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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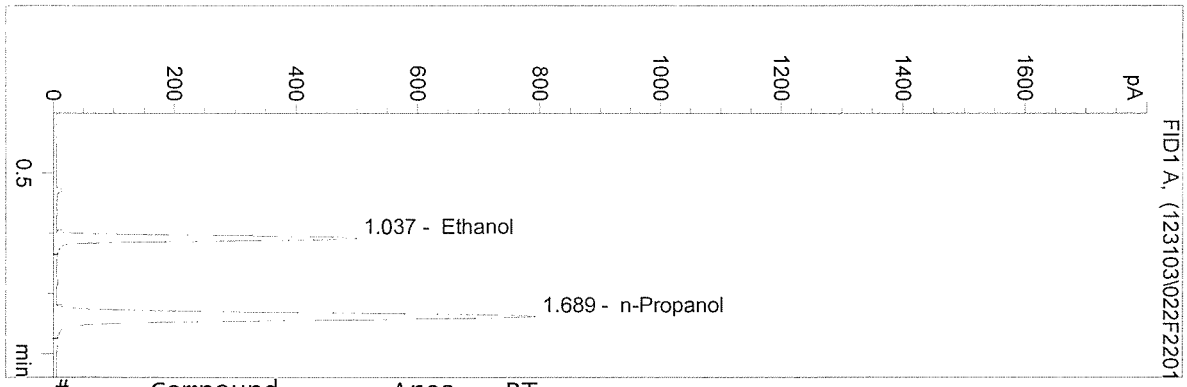
Instrument 2
DB-ALC1

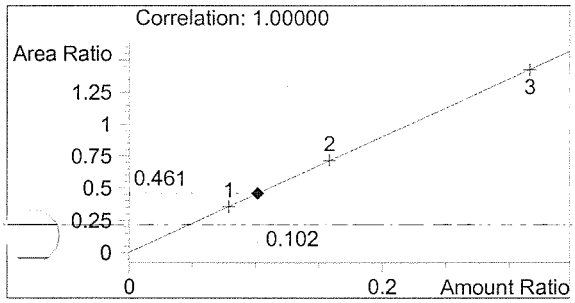
03046 #2 SIM
B.CAPRON

vial # 22

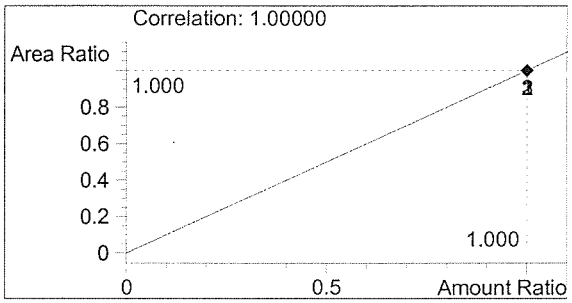


#	Compound	Area	RT
1	Ethanol	1533	1.037
2	n-Propanol	3328	1.689

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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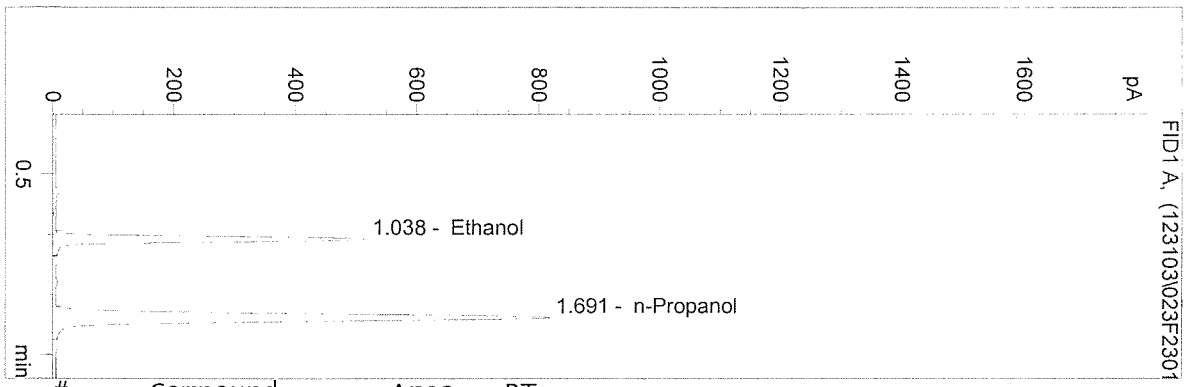
Instrument 2
DB-ALC1

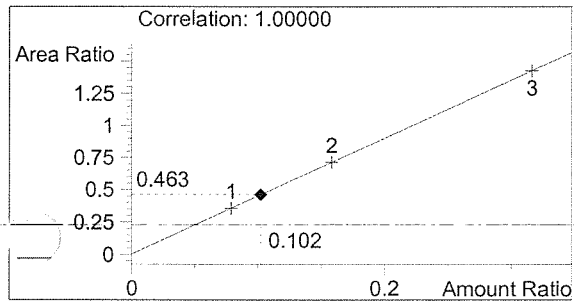
03046 #3 SIM
B.CAPRON

vial # 23

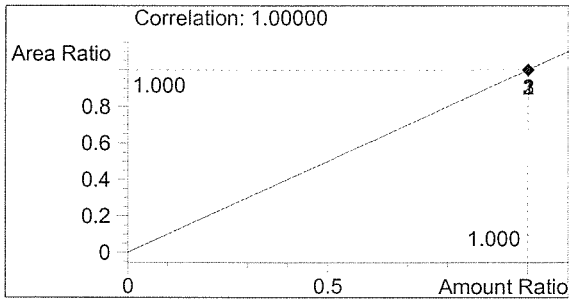


#	Compound	Area	RT
1	Ethanol	1586	1.038
2	n-Propanol	3427	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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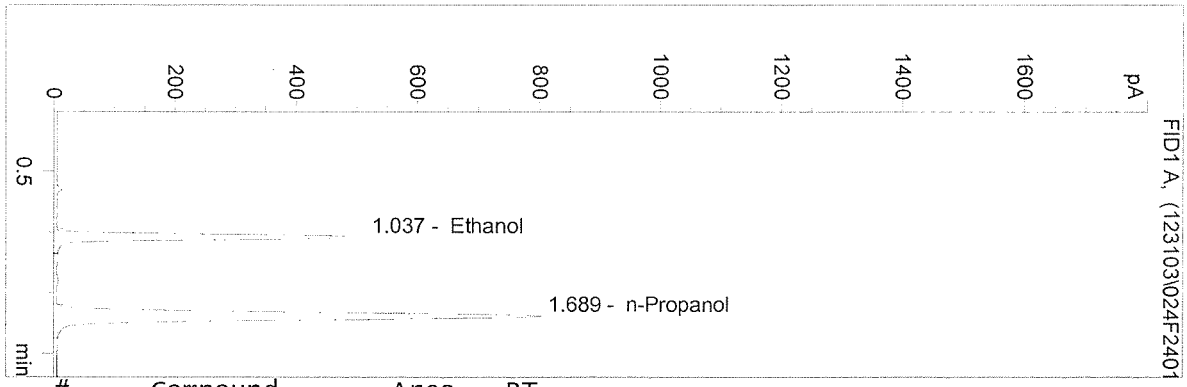
Instrument 2
DB-ALC1

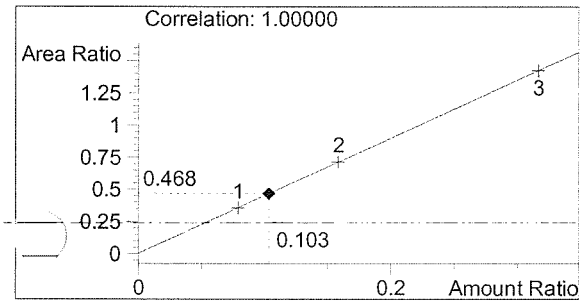
03046 #4 SIM
B.CAPRON

vial # 24

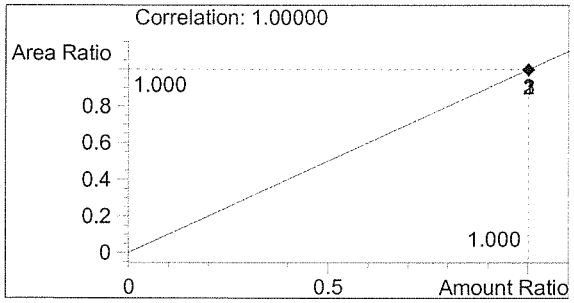


#	Compound	Area	RT
1	Ethanol	1573	1.037
2	n-Propanol	3363	1.689

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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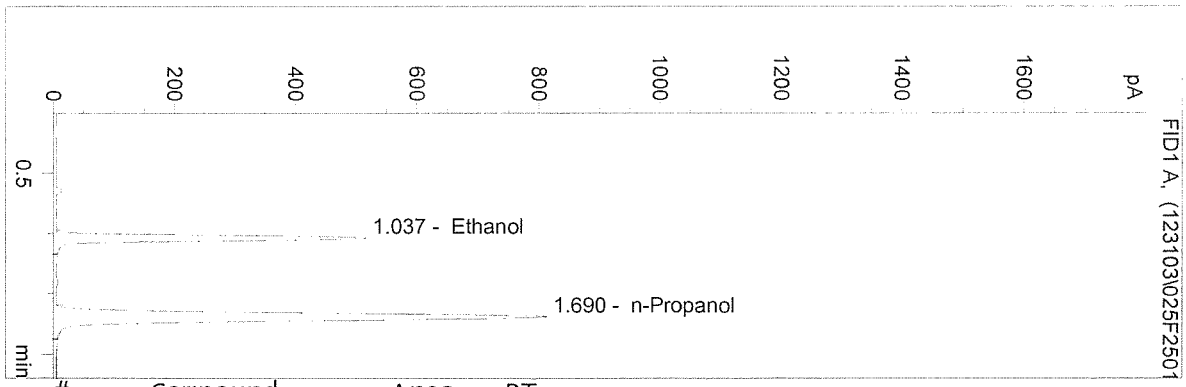
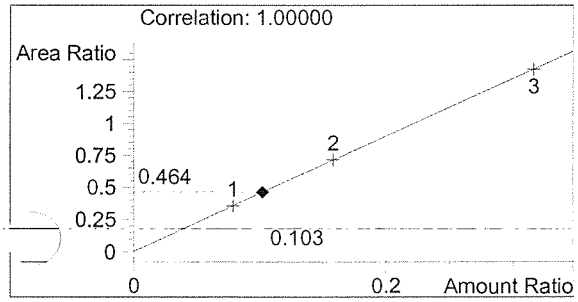
12/31/03 8:07:40 AM
Instrument 2
DB-ALC1

03046 #5 SIM
B.CAPRON

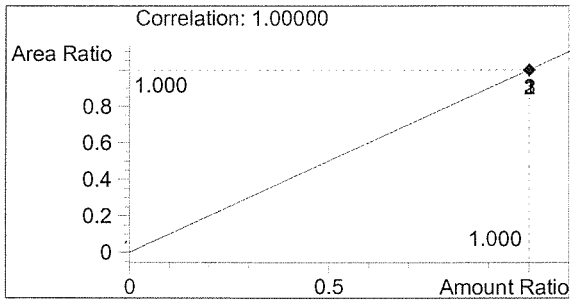
vial # 25



#	Compound	Area	RT
1	Ethanol	1581	1.037
2	n-Propanol	3407	1.690
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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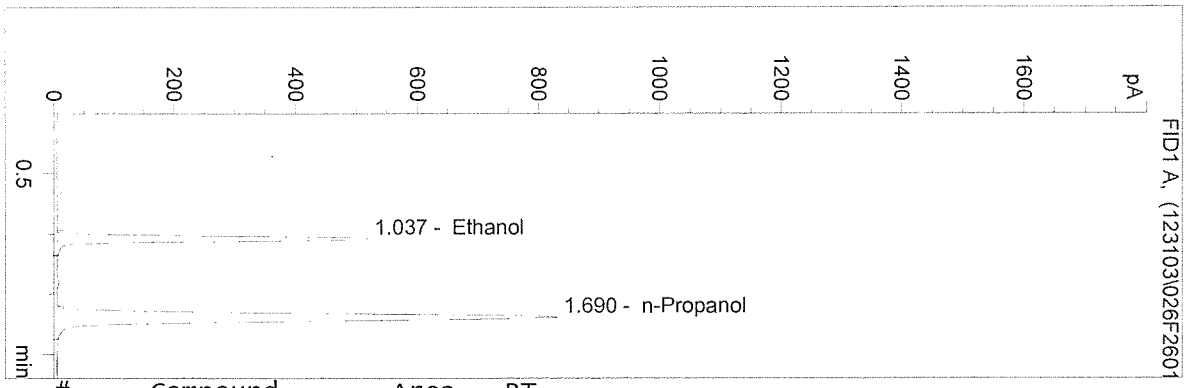
12/31/03 8:10:44 AM
Instrument 2
DB-ALC1

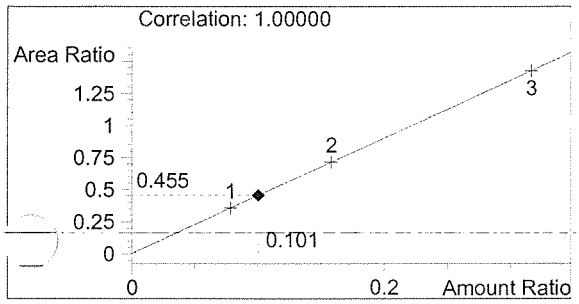
0.10 CONTROL
B.CAPRON

vial # 26

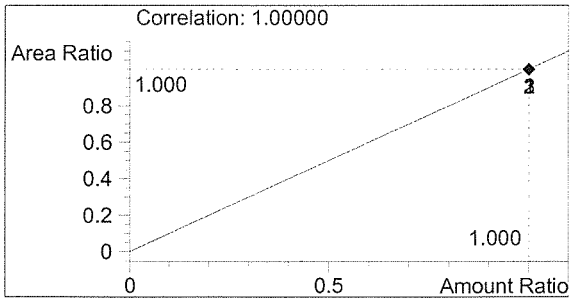


#	Compound	Area	RT
1	Ethanol	1586	1.037
2	n-Propanol	3484	1.690

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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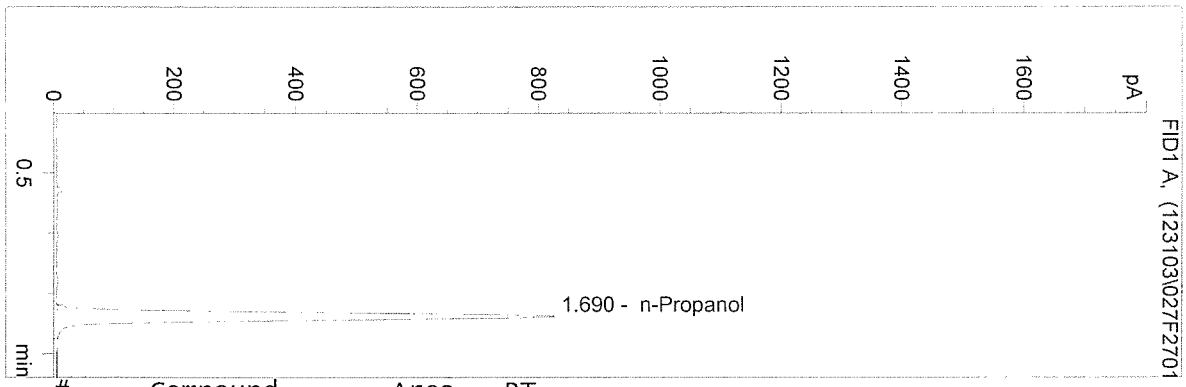
Instrument 2
DB-ALC1

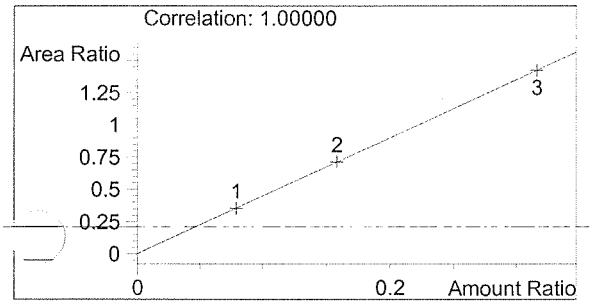
BLANK
B.CAPRON

vial # 27

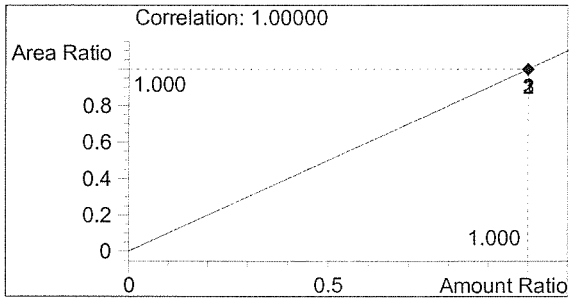


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3470	1.690

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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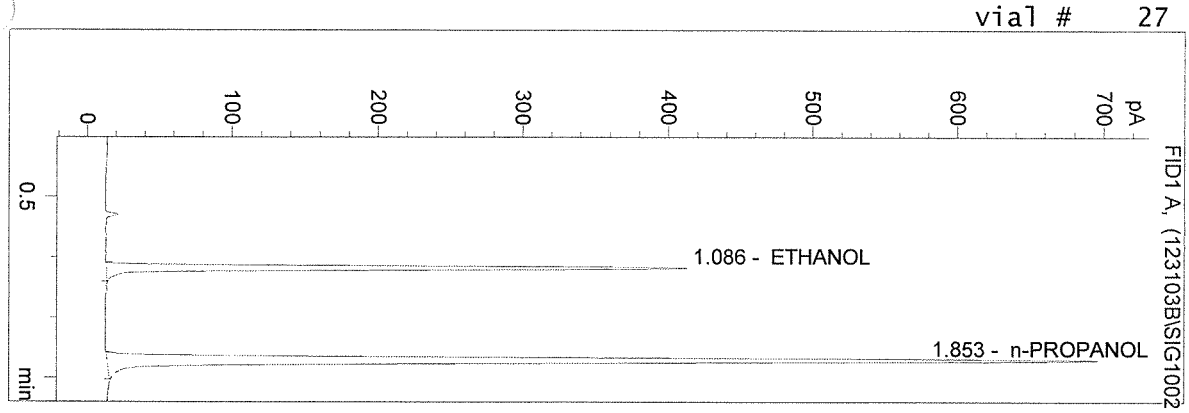
Instrument 3

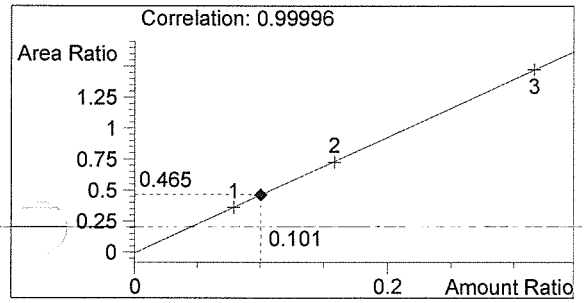
03046-1
N Nuwayhid, PhD

vial # 27

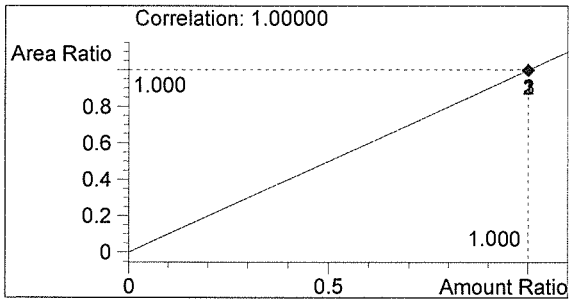


#	Compound	Area	RT
1	ETHANOL	936	1.086
2	n-PROPANOL	2014	1.853

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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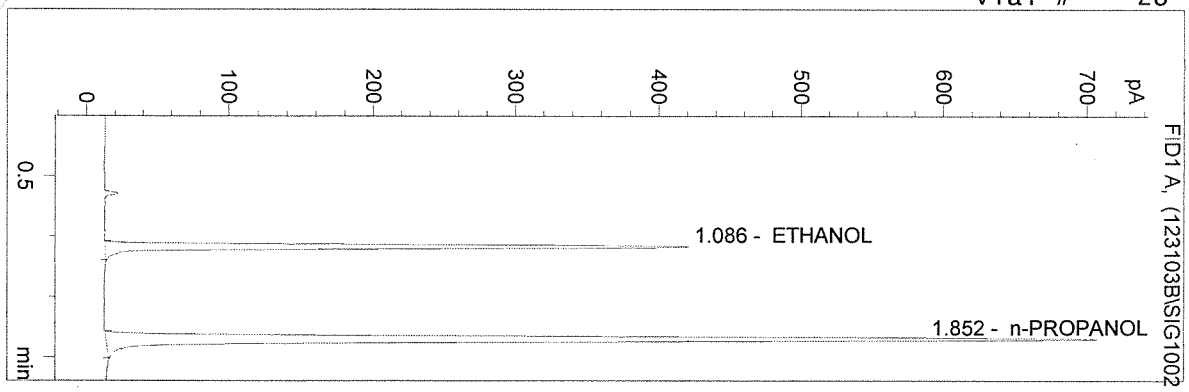
12/31/03 1:38:27 PM
Instrument 3

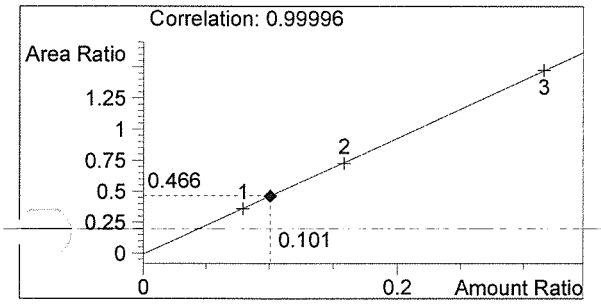
03046-2
N Nuwayhid, PhD

vial # 28

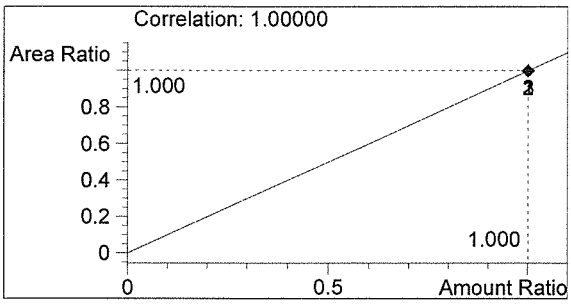


#	Compound	Area	RT
1	ETHANOL	960	1.086
2	n-PROPANOL	2060	1.852

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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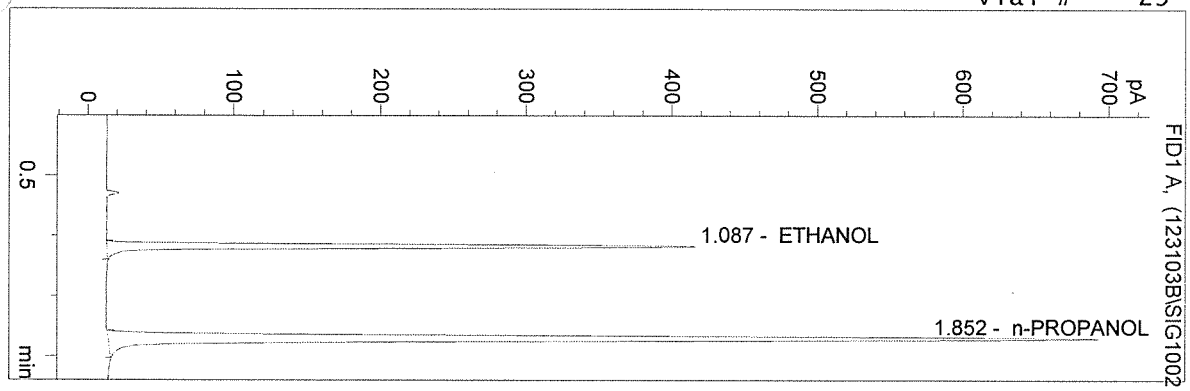
Instrument 3

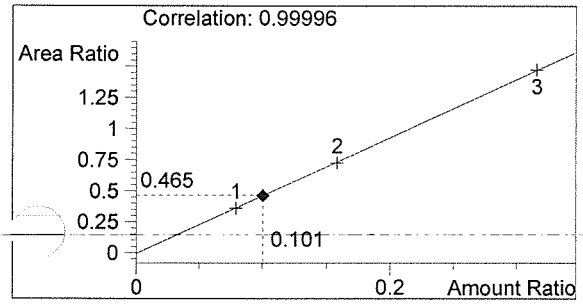
03046-3
N Nuwayhid, PhD

vial # 29

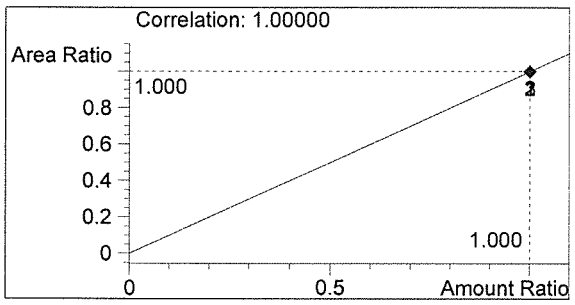


#	Compound	Area	RT
1	ETHANOL	930	1.087
2	n-PROPANOL	2000	1.852

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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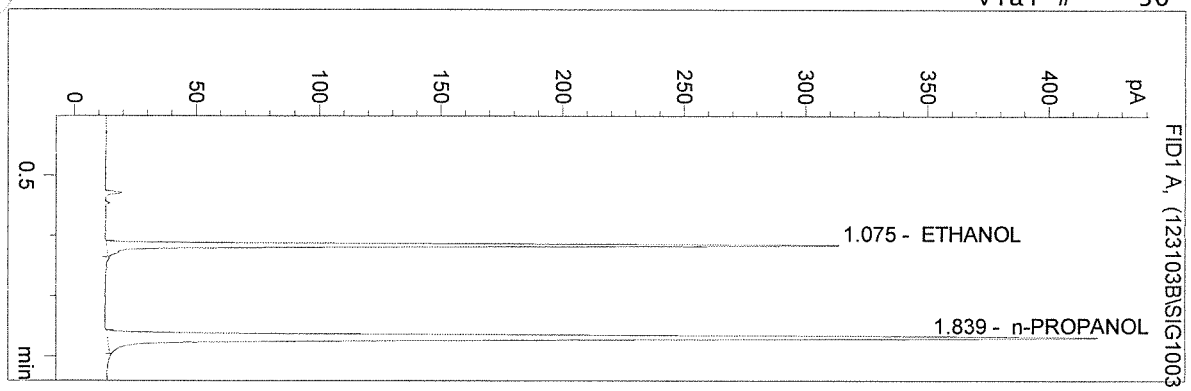
12/31/03 1:44:36 PM
Instrument 3

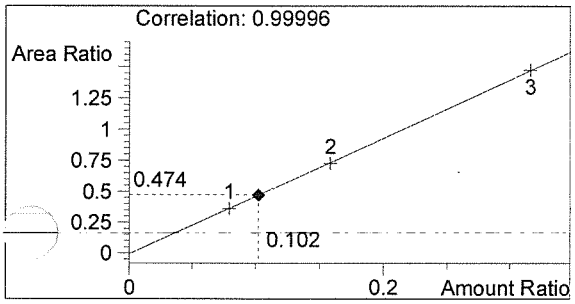
03046-4
N Nuwayhid, PhD

vial # 30

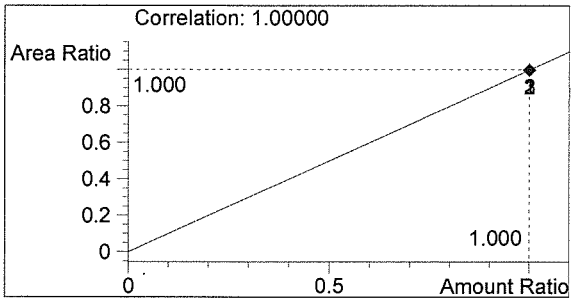


#	Compound	Area	RT
1	ETHANOL	515	1.075
2	n-PROPANOL	1087	1.839

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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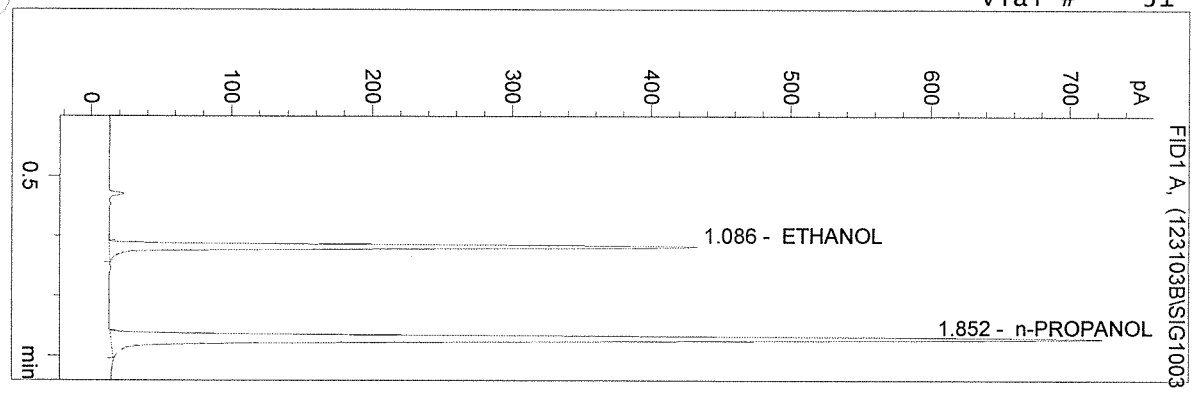
12/31/03 1:47:40 PM
Instrument 3

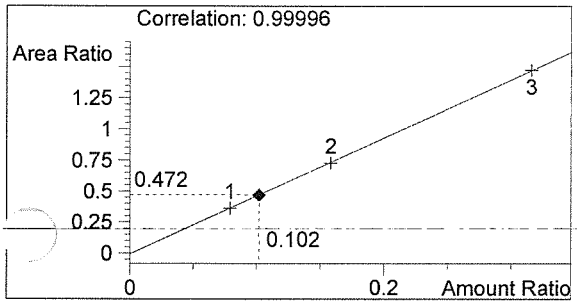
03046-5
N Nuwayhid, PhD

vial # 31

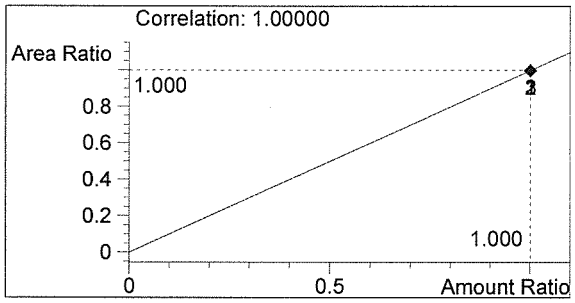


#	Compound	Area	RT
1	ETHANOL	998	1.086
2	n-PROPANOL	2116	1.852

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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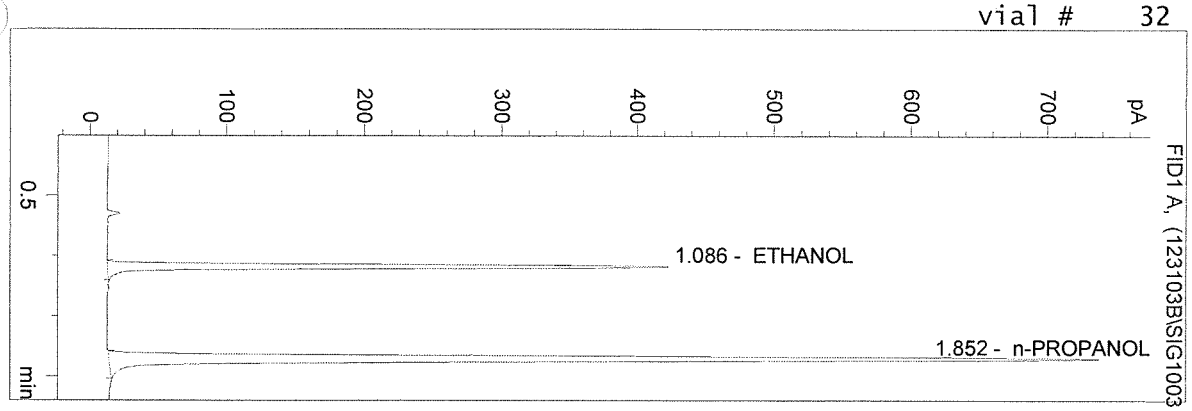
12/31/03 1:50:45 PM
Instrument 3

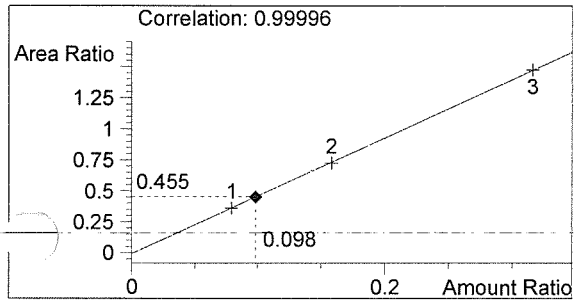
0.100c
N Nuwayhid, PhD

vial # 32

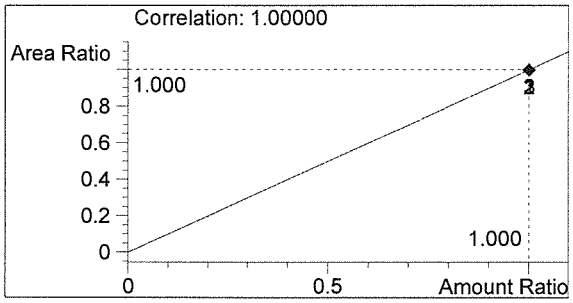


#	Compound	Area	RT
1	ETHANOL	988	1.086
2	n-PROPANOL	2172	1.852

Totals:



ETHANOL 0.098 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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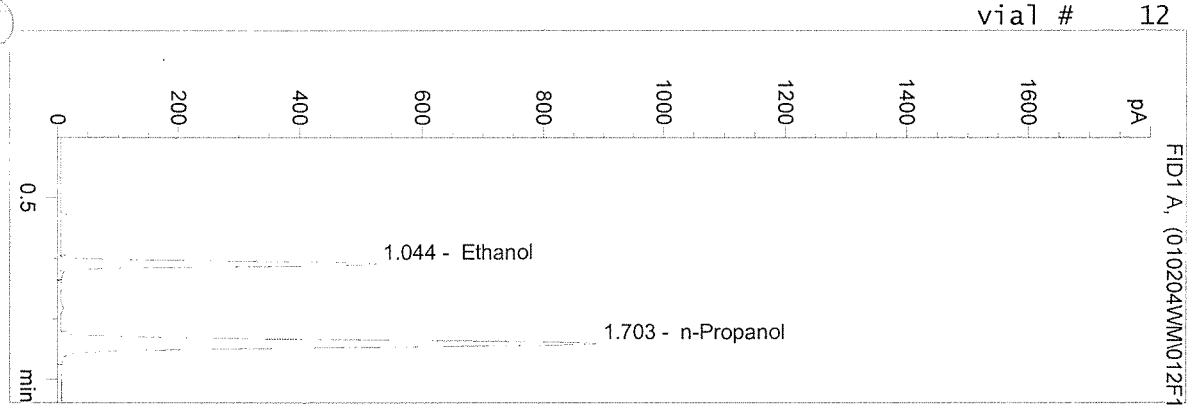
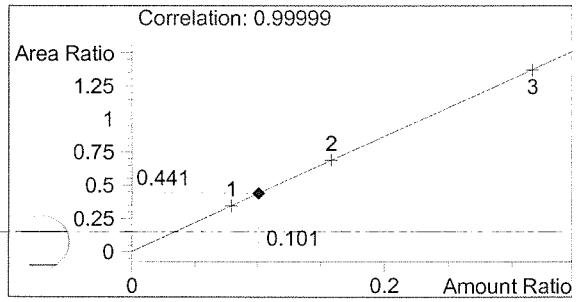
1/2/04 10:04:52 AM
Instrument 1
DB-ALC1

SIM 03046
WP MARSHALL

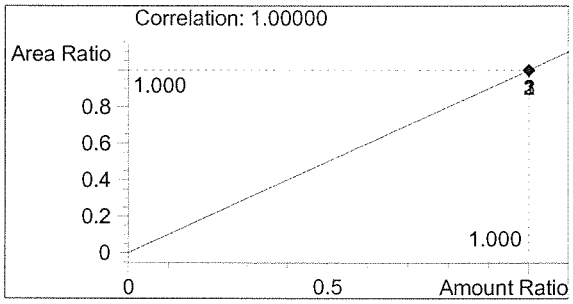
vial # 12



#	Compound	Area	RT
1	Ethanol	1668	1.044
2	n-Propanol	3787	1.703
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

STDS
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038478

WASHINGTON STATE TOXICOLOGY LABORATORY

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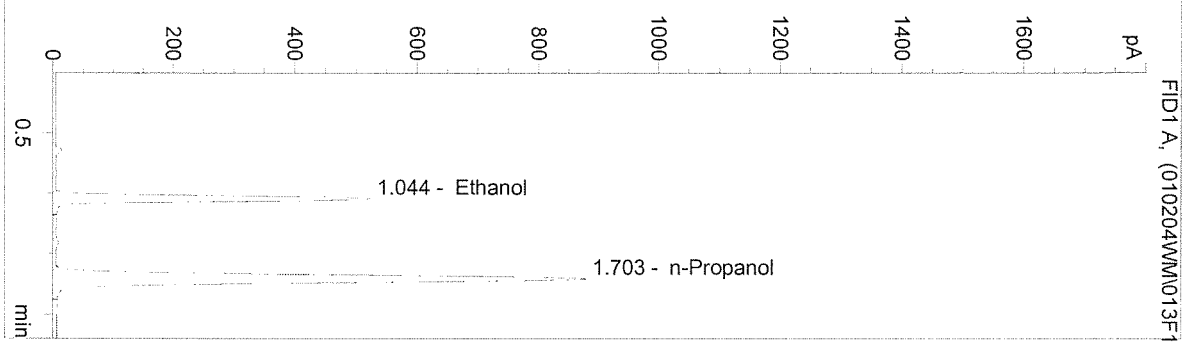
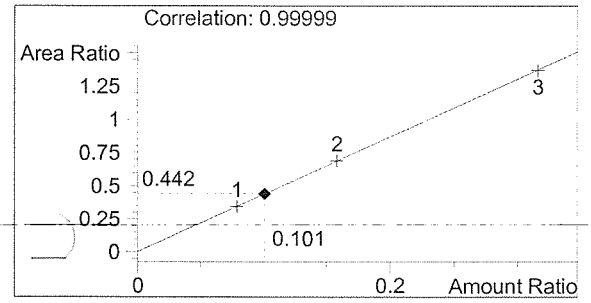
1/2/04 10:07:57 AM
Instrument 1
DB-ALC1

SIM 03046
WP MARSHALL

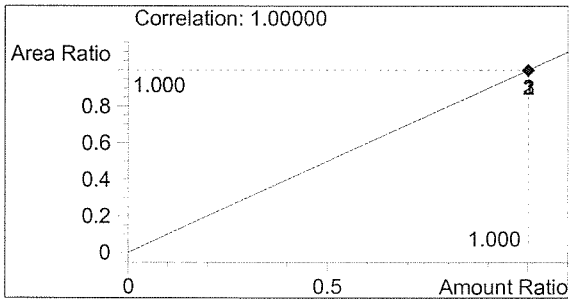
vial # 13



#	Compound	Area	RT
1	Ethanol	1661	1.044
2	n-Propanol	3763	1.703
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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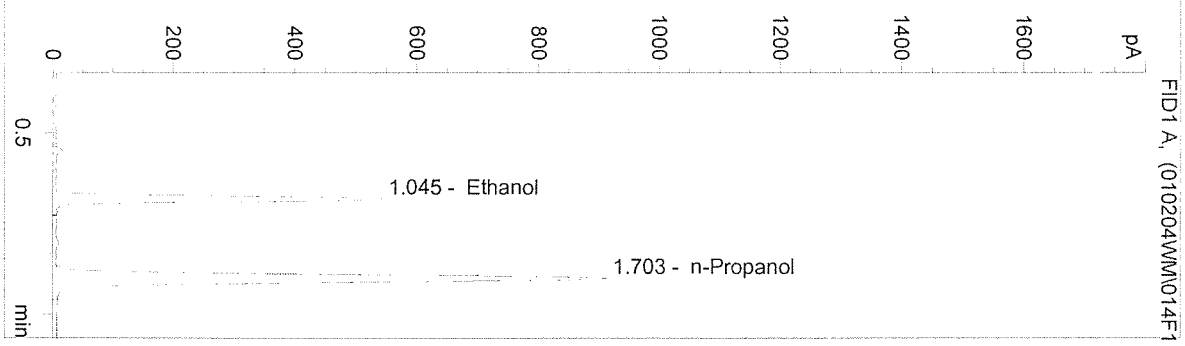
Instrument 1
DB-ALC1

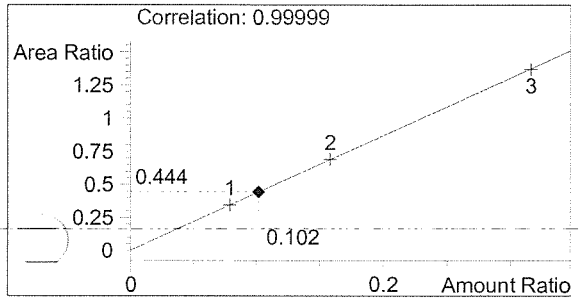
SIM 03046
WP MARSHALL

vial # 14

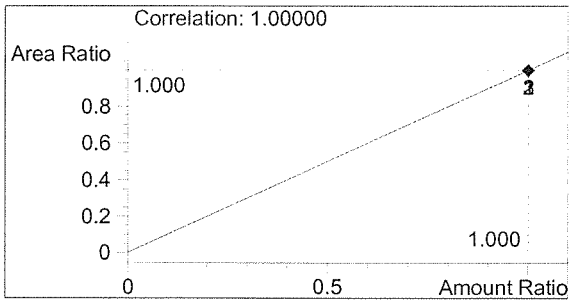


#	Compound	Area	RT
1	Ethanol	1738	1.045
2	n-Propanol	3911	1.703

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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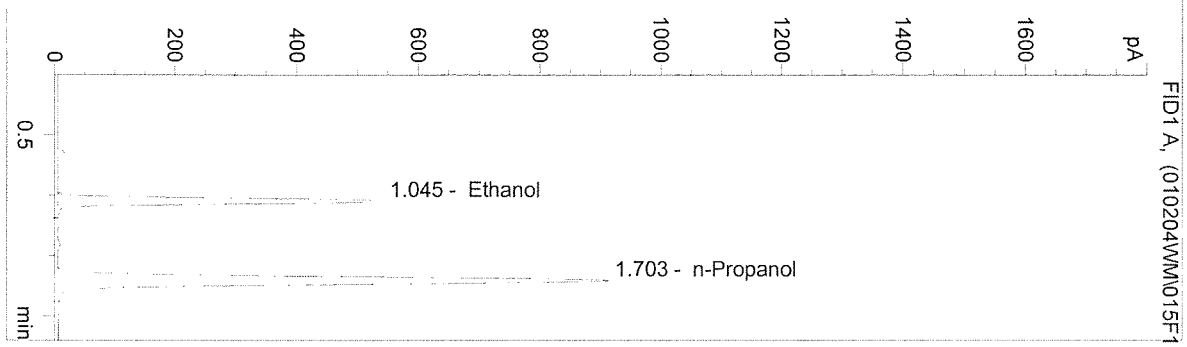
1/2/04 10:14:07 AM
Instrument 1
DR-ALC1

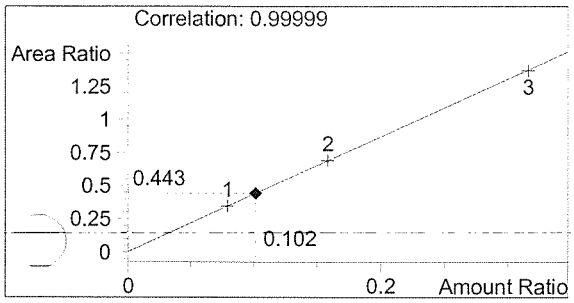
SIM 03046
WP MARSHALL

vial # 15

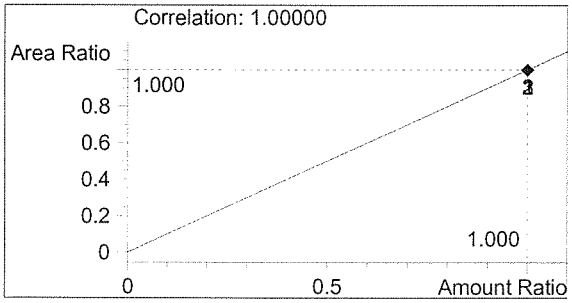


#	Compound	Area	RT
1	Ethanol	1735	1.045
2	n-Propanol	3918	1.703

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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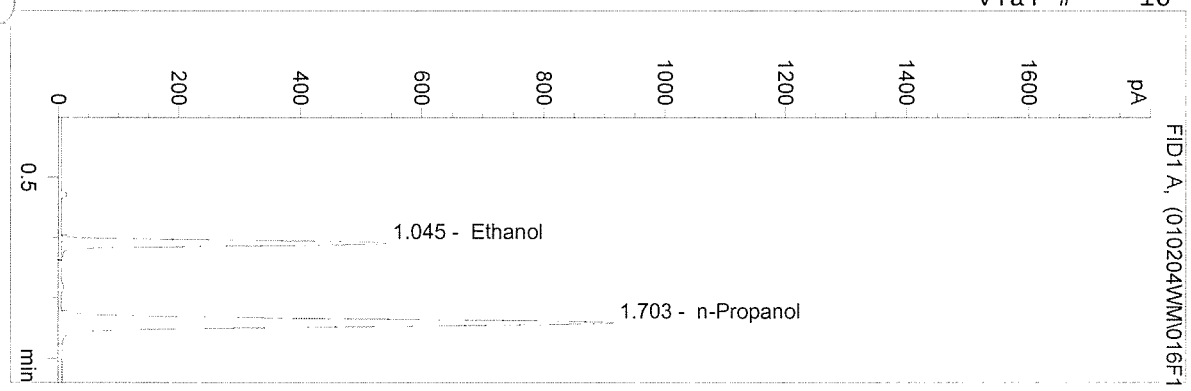
1/2/04 10:17:13 AM
Instrument 1
DR-ALC1

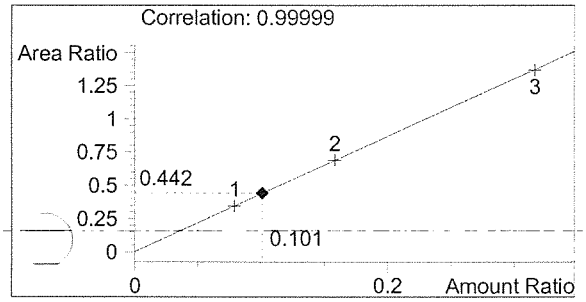
SIM 03046
WP MARSHALL

vial # 16

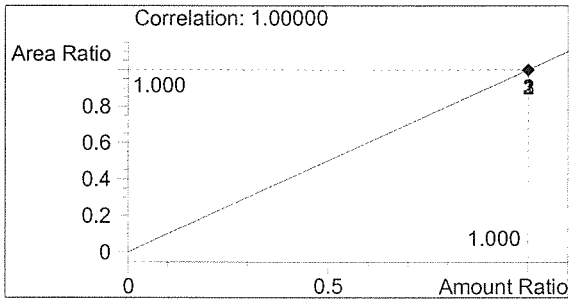


#	Compound	Area	RT
1	Ethanol	1729	1.045
2	n-Propanol	3915	1.703

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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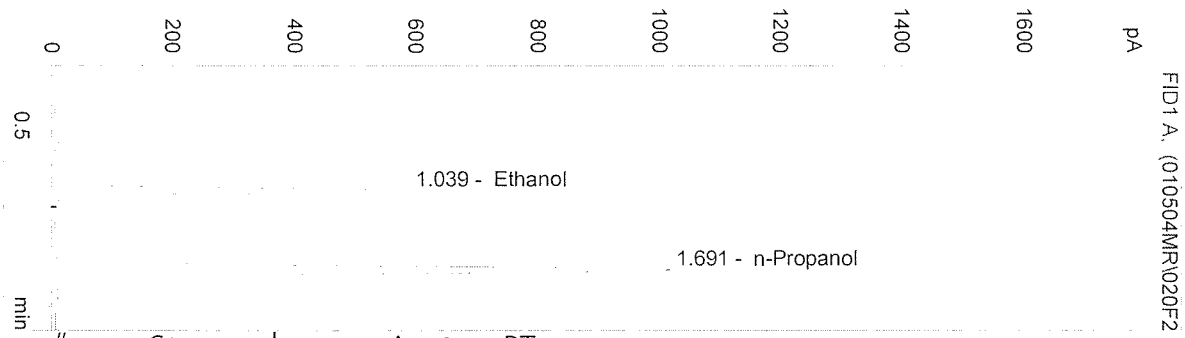
1/5/04 1:58:40 PM
Instrument 2
ALC1

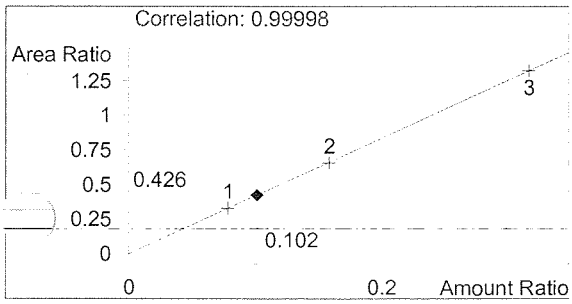
03046 KG
MELISSA PEMBERTON

vial # 20

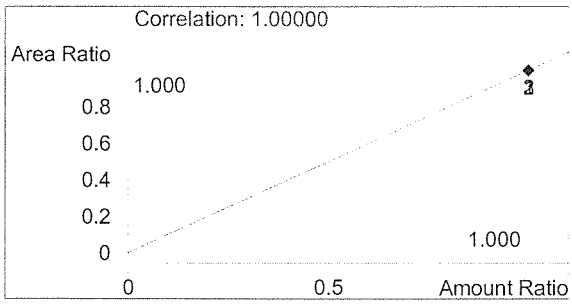


#	Compound	Area	RT
1	Ethanol	1835	1.039
2	n-Propanol	4311	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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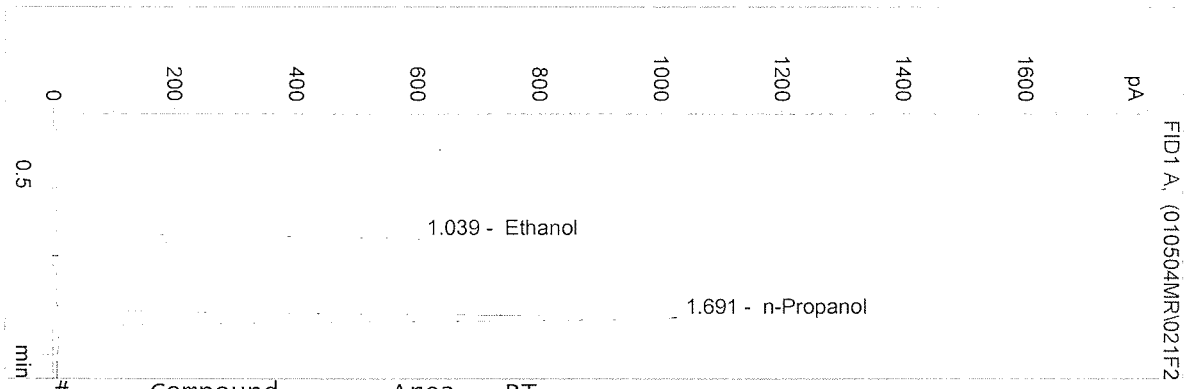
1/5/04 2:01:54 PM
Instrument 2
ALC1

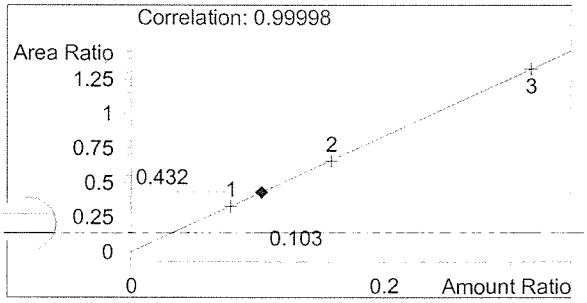
03046 KG
MELISSA PEMBERTON

vial # 21

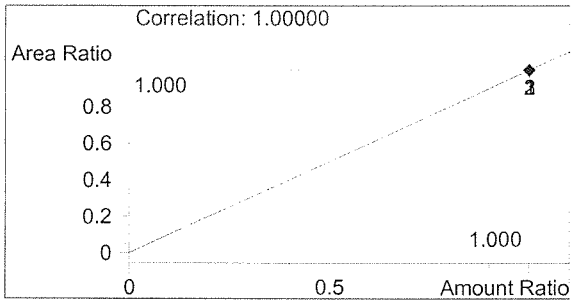


#	Compound	Area	RT
1	Ethanol	1888	1.039
2	n-Propanol	4373	1.691

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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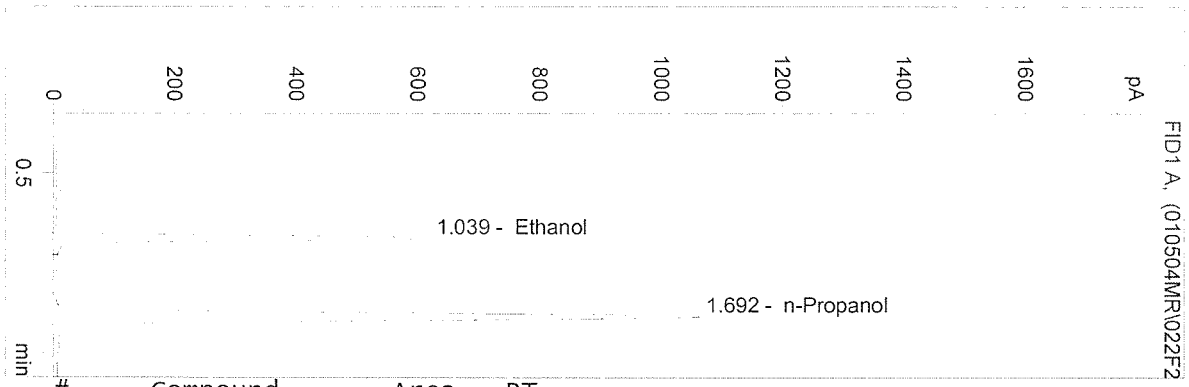
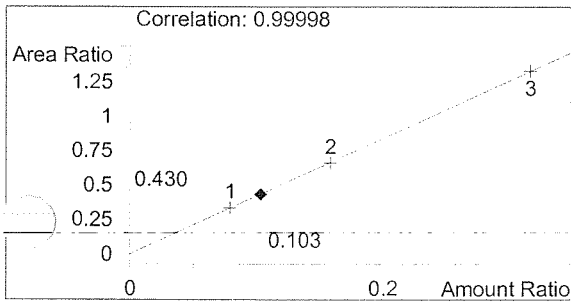
1/5/04 2:05:06 PM
Instrument 2
ALC1

03046 KG
MELISSA PEMBERTON

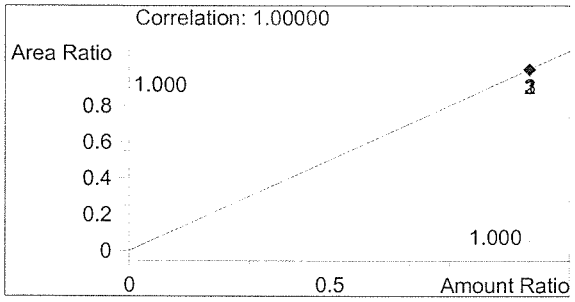
vial # 22



#	Compound	Area	RT
1	Ethanol	1941	1.039
2	n-Propanol	4513	1.692
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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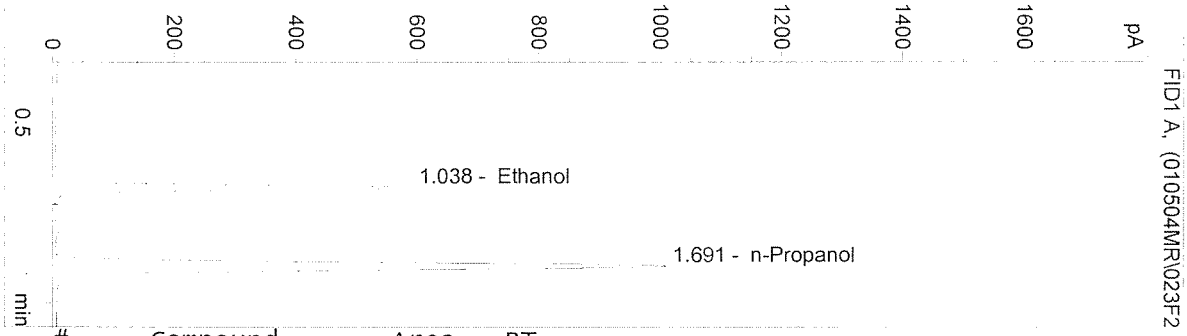
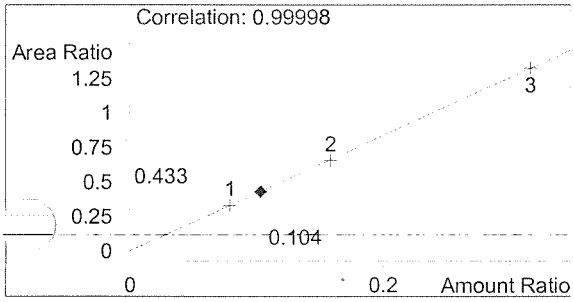
1/5/04 2:08:18 PM
Instrument 2
ALC1

03046 KG
MELISSA PEMBERTON

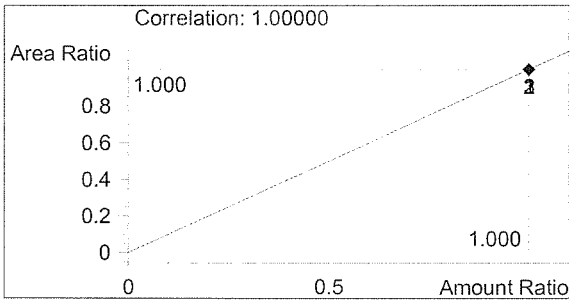
vial # 23



#	Compound	Area	RT
1	Ethanol	1849	1.038
2	n-Propanol	4274	1.691
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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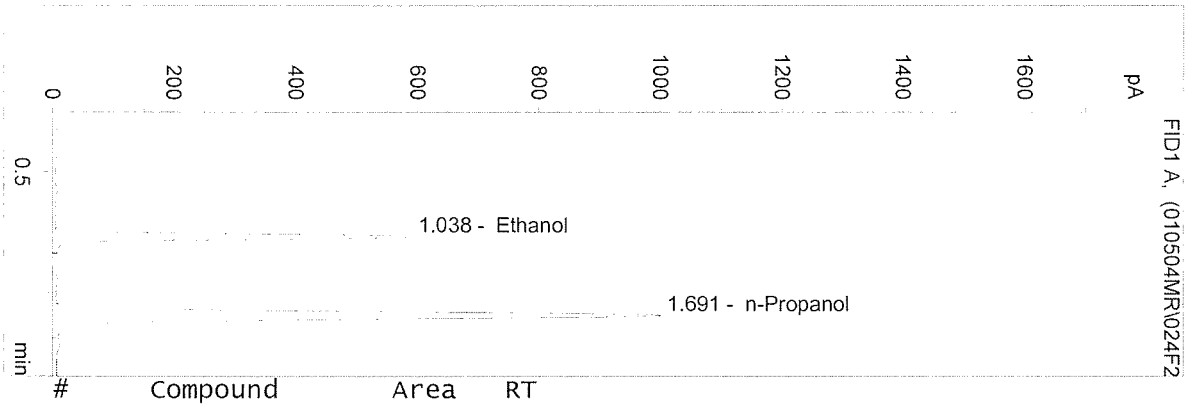
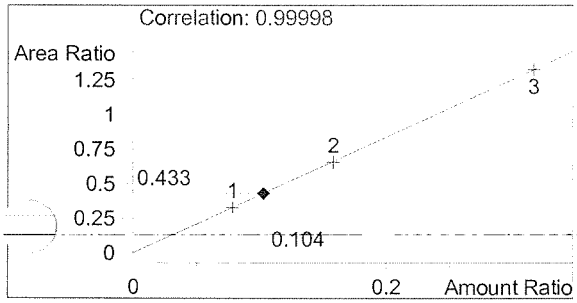
1/5/04 2:11:29 PM
Instrument 2
BLDALC1

03046 KG
MELISSA PEMBERTON

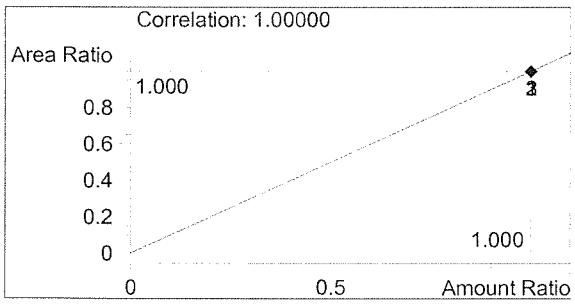
vial # 24



#	Compound	Area	RT
1	Ethanol	1837	1.038
2	n-Propanol	4242	1.691
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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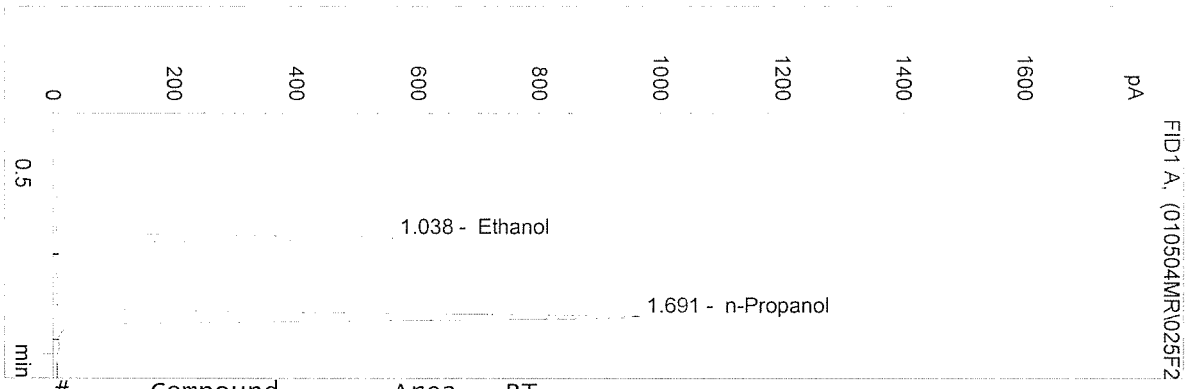
1/5/04 2:14:42 PM
Instrument 2
ALC1

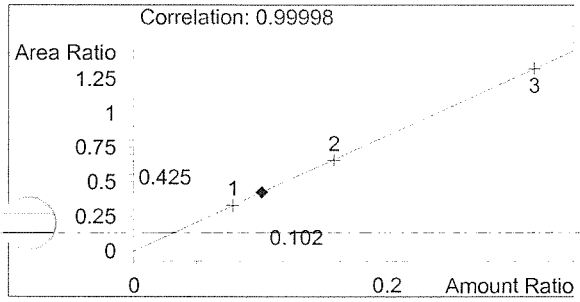
0.10 CONTROL KG
MELISSA PEMBERTON

vial # 25

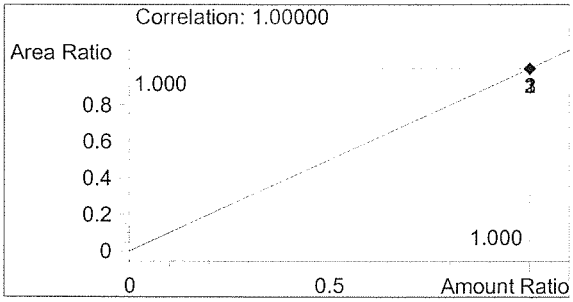


#	Compound	Area	RT
1	Ethanol	1740	1.038
2	n-Propanol	4092	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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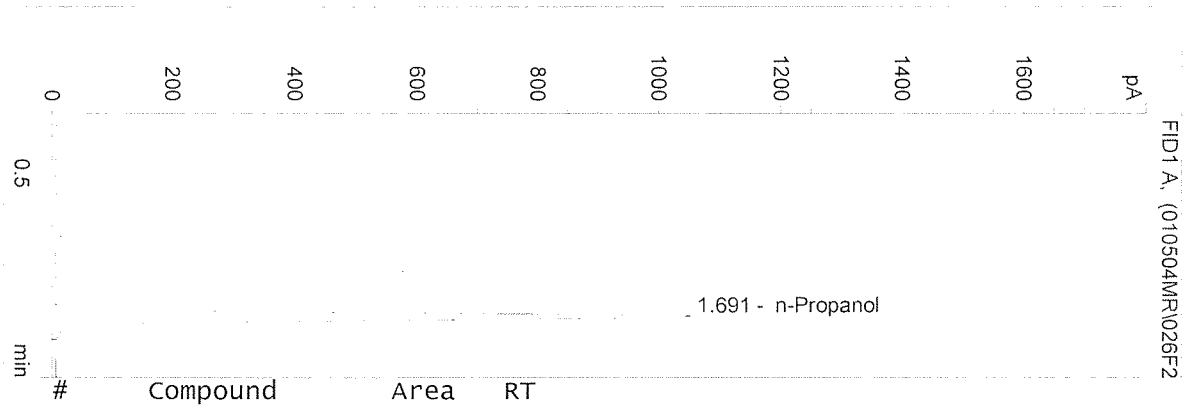
1/5/04 2:17:52 PM
Instrument 2
DR:ALC1

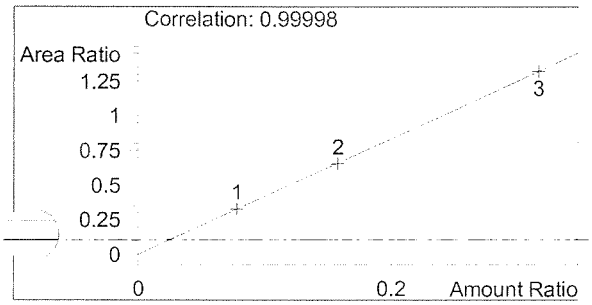
BLANK KG
MELISSA PEMBERTON

vial # 26

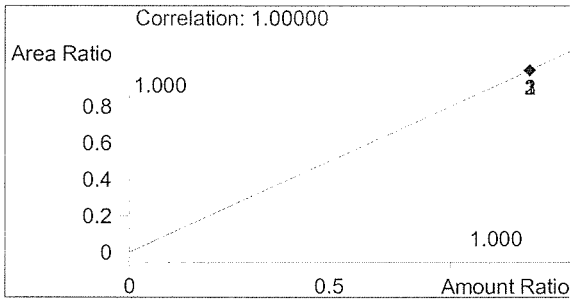


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4461	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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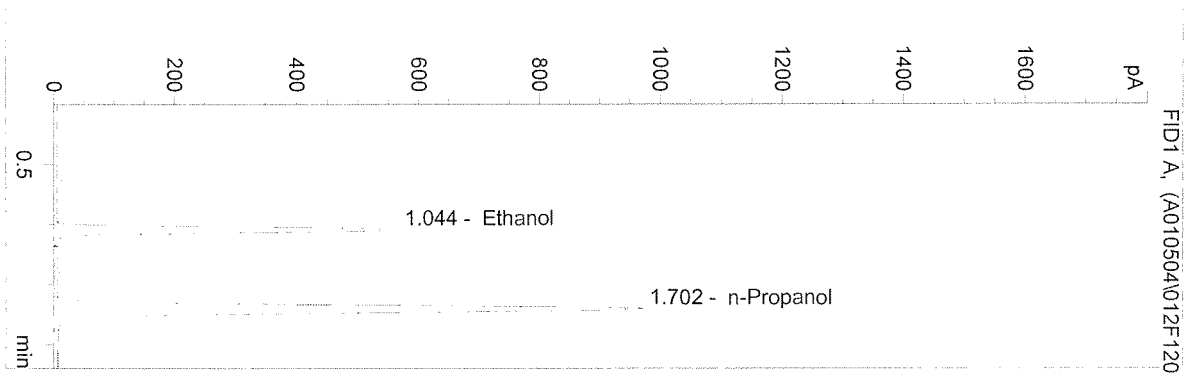
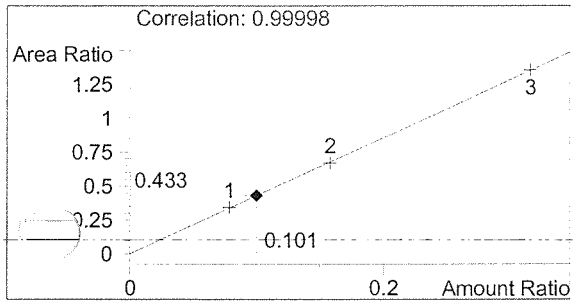
Instrument 1
ALC1

03046a
alouis

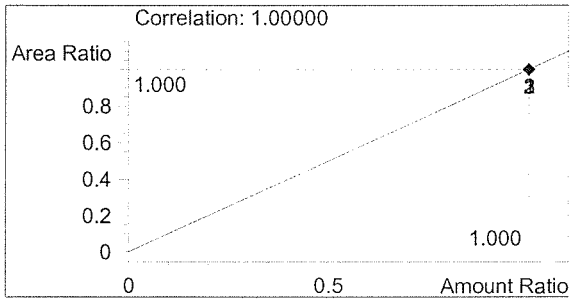
vial # 12



#	Compound	Area	RT
1	Ethanol	1806	1.044
2	n-Propanol	4170	1.702
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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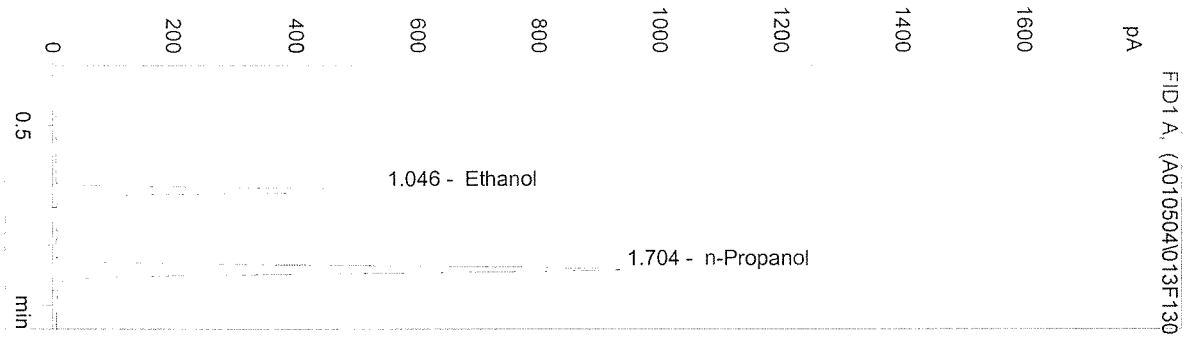
Instrument 1
ALC1

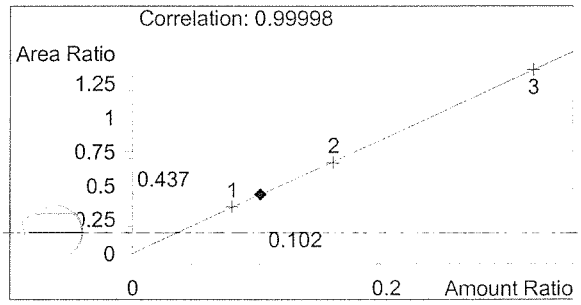
03046b
alouis

vial # 13

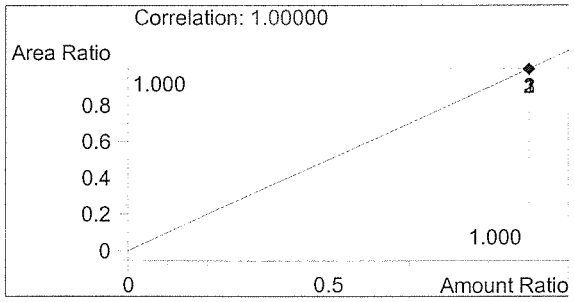


#	Compound	Area	RT
1	Ethanol	1764	1.046
2	n-Propanol	4039	1.704

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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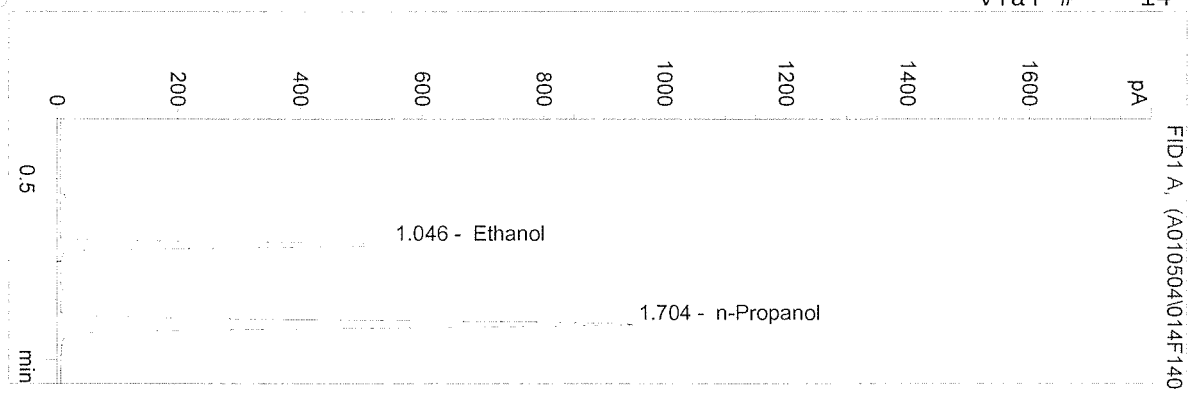
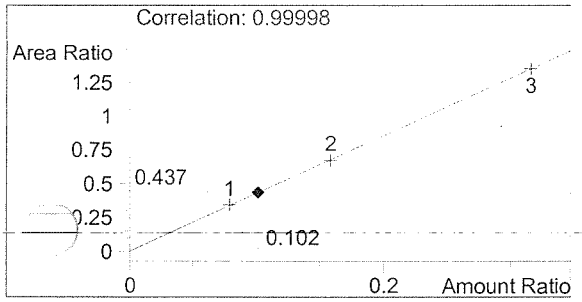
1/5/04 2:42:10 PM
Instrument 1
ALC1

03046c
alouis

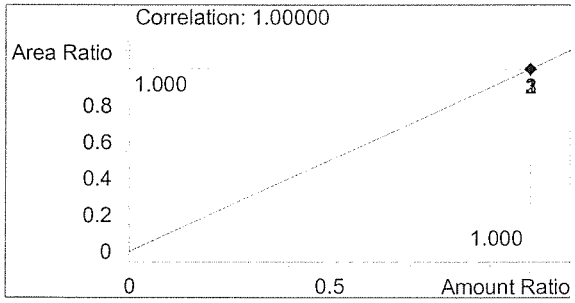
vial # 14



#	Compound	Area	RT
1	Ethanol	1791	1.046
2	n-Propanol	4100	1.704
Totals:			



Ethanol 0.102 g/100ml



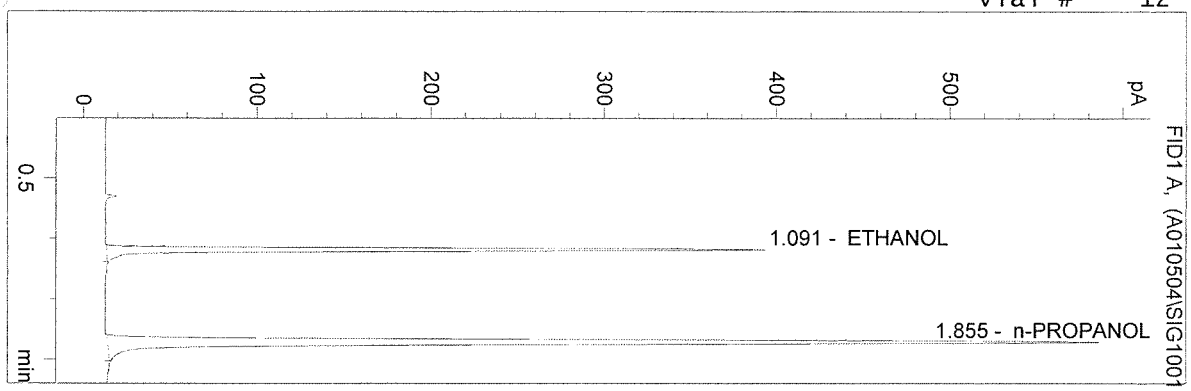
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\BLDALCO3.M
1/5/04 2:25:20 PM
Instrument 3

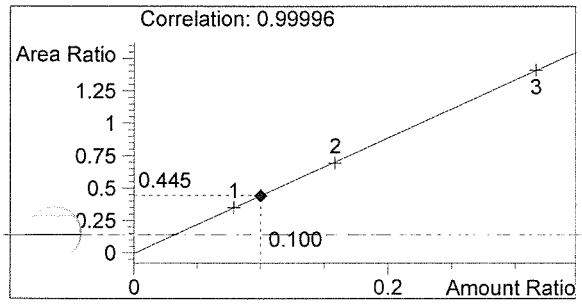
03046a
alouis

vial # 12

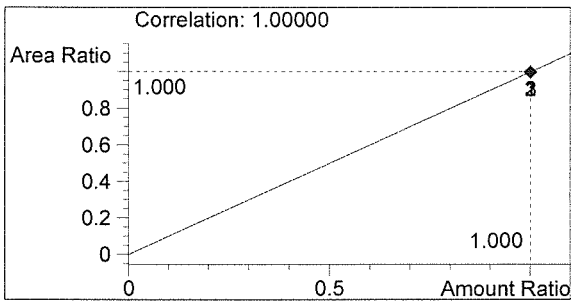


#	Compound	Area	RT
1	ETHANOL	701	1.091
2	n-PROPANOL	1573	1.855

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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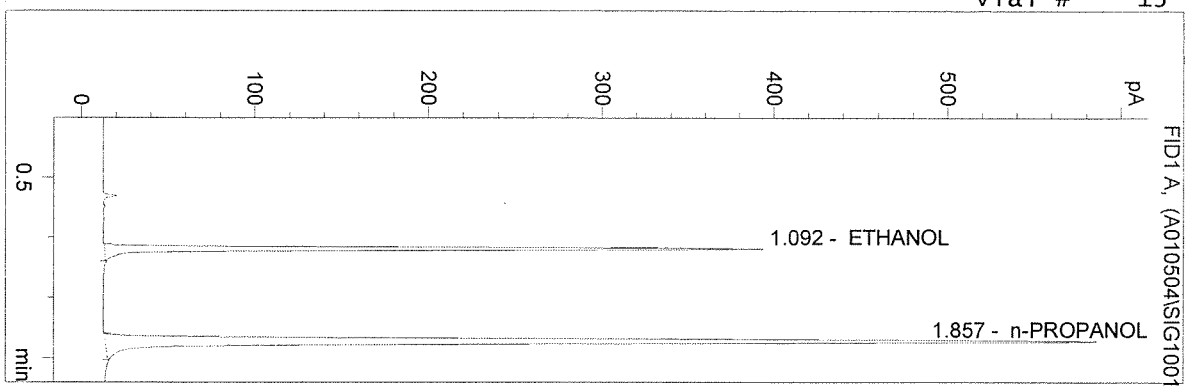
1/5/04 2:28:49 PM
Instrument 3

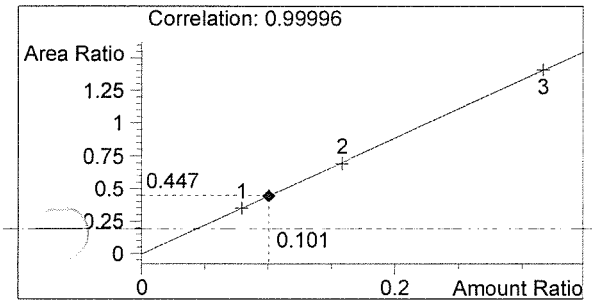
03046b
alouis

vial # 13

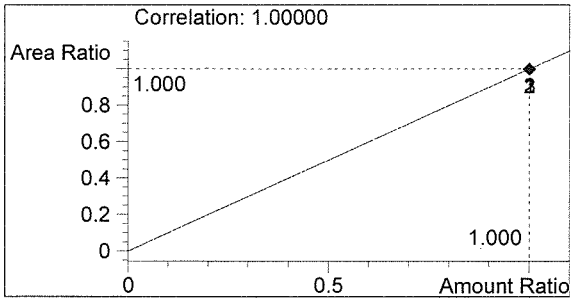


#	Compound	Area	RT
1	ETHANOL	703	1.092
2	n-PROPANOL	1573	1.857

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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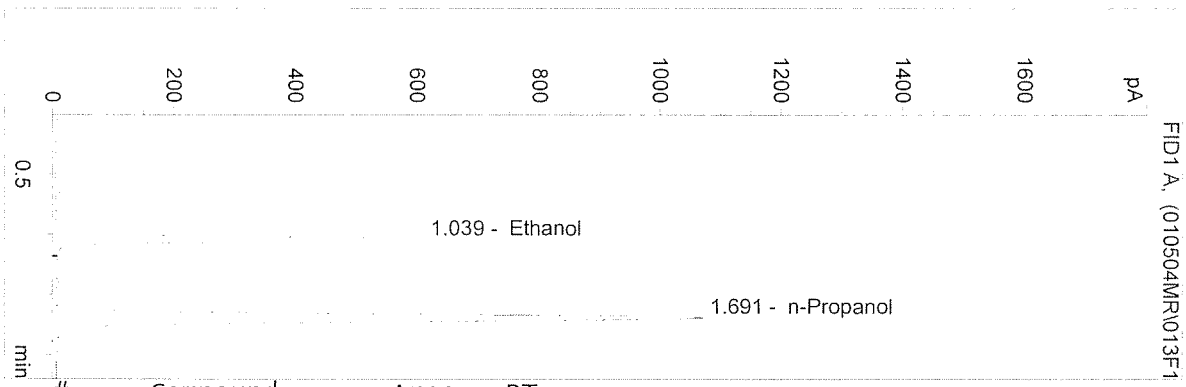
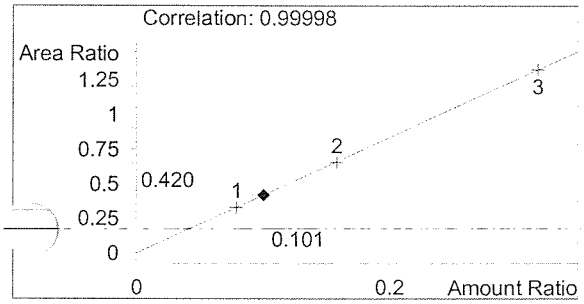
1/5/04 1:35:45 PM
Instrument 2
BLDALC1

03046sim soln
MELISSA PEMBERTON

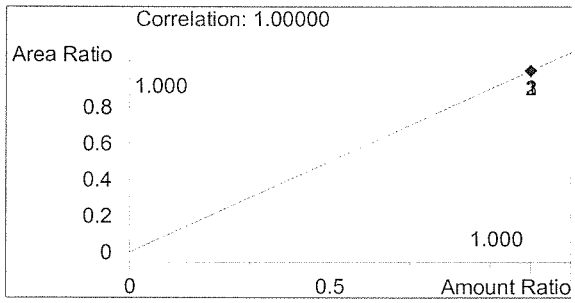
vial # 13



#	Compound	Area	RT
1	Ethanol	1915	1.039
2	n-Propanol	4559	1.691
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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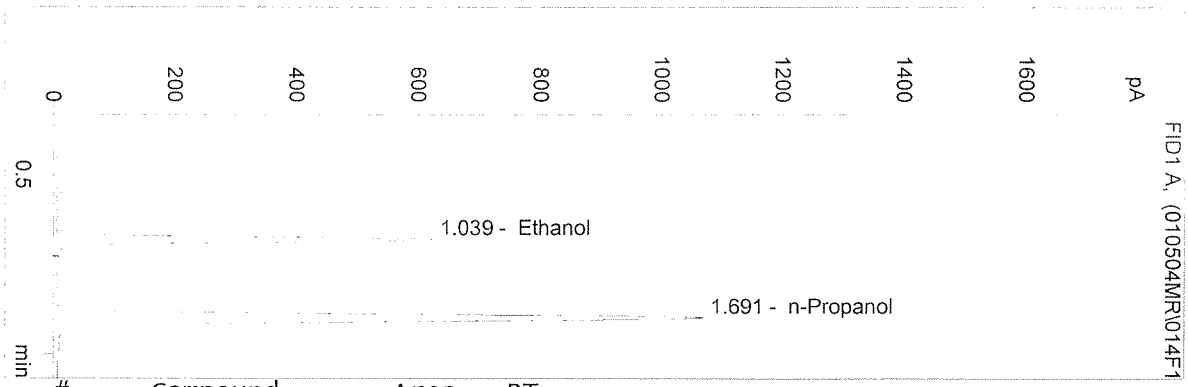
1/5/04 1:39:01 PM
Instrument 2
BL-ALC1

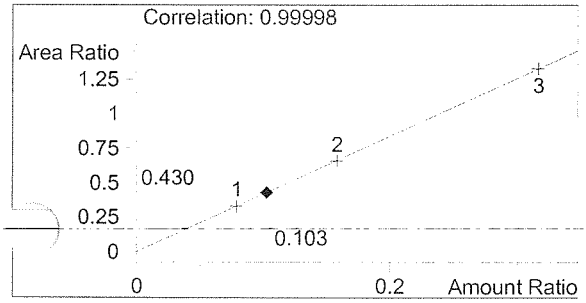
03046 sim soln
MELISSA PEMBERTON

vial # 14

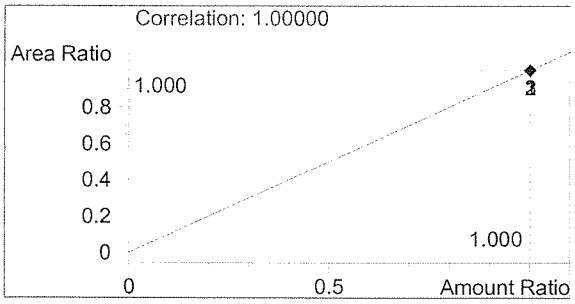


#	Compound	Area	RT
1	Ethanol	1956	1.039
2	n-Propanol	4551	1.691

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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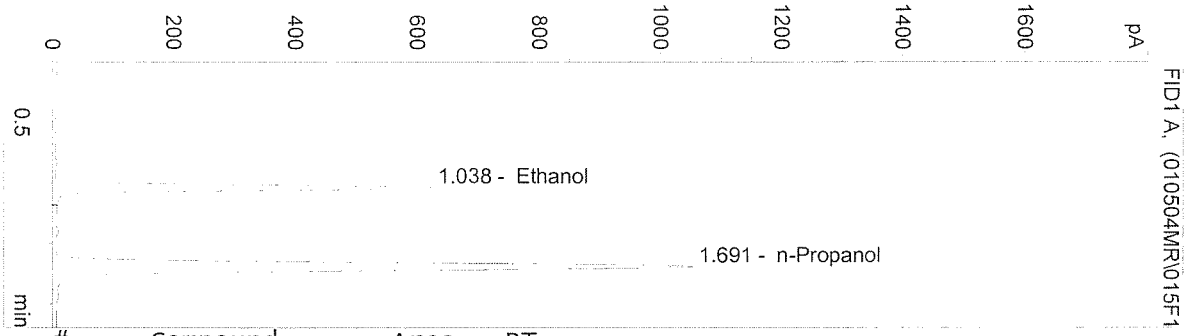
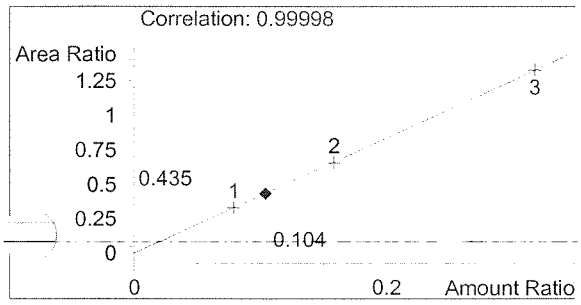
1/5/04 1:42:17 PM
Instrument 2
DB-ALC1

03046 sim soln
MELISSA PEMBERTON

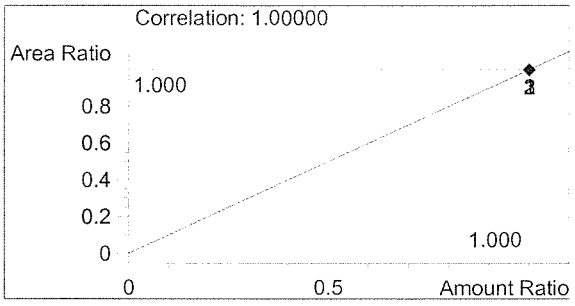
vial # 15



#	Compound	Area	RT
1	Ethanol	1948	1.038
2	n-Propanol	4473	1.691
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

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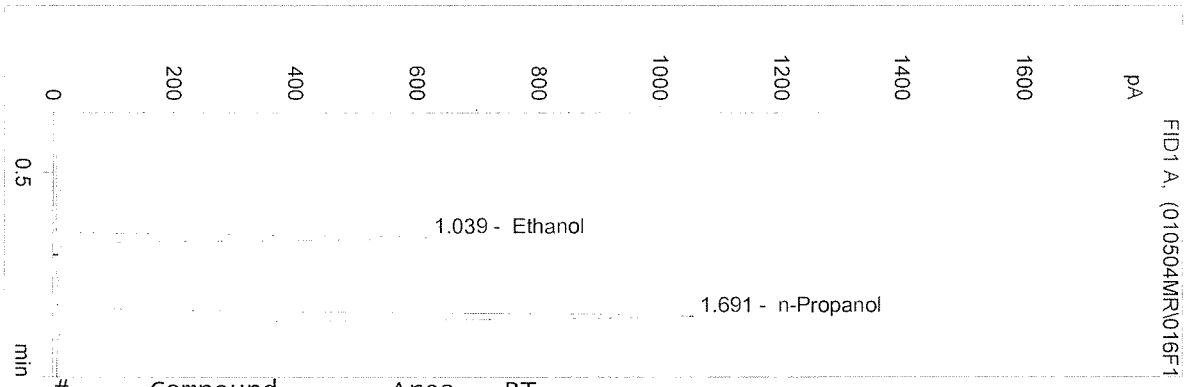
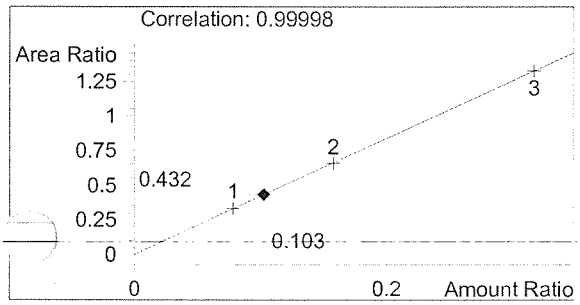
1/5/04 1:45:33 PM
Instrument 2
DB-ALC1

03046 sim soln
MELISSA PEMBERTON

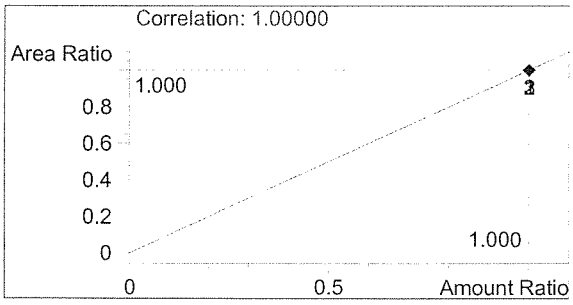
vial # 16



#	Compound	Area	RT
1	Ethanol	1935	1.039
2	n-Propanol	4483	1.691
Totals:			



Ethanol 0.103 g/100ml

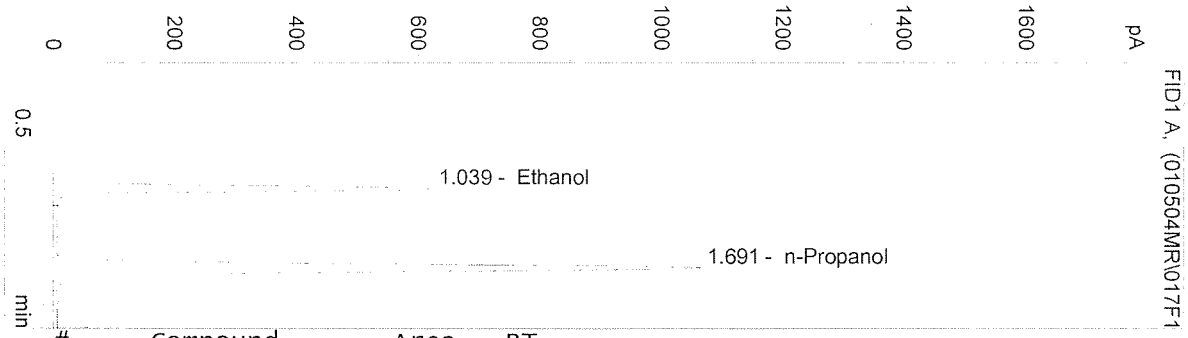


n-Propanol 1.000 g/100ml

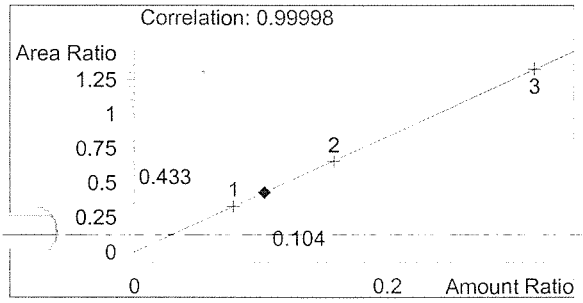
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 1:48:51 PM
Instrument 2
[illegible]-ALC1

03046 sim soln
MELISSA PEMBERTON

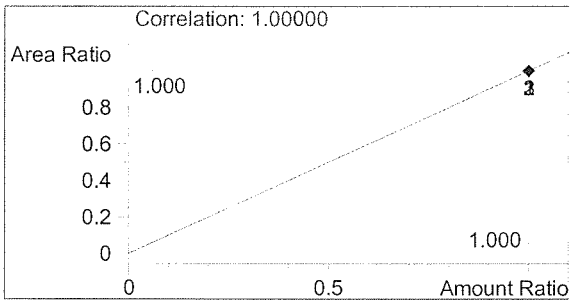
vial # 17



#	Compound	Area	RT
1	Ethanol	1958	1.039
2	n-Propanol	4522	1.691
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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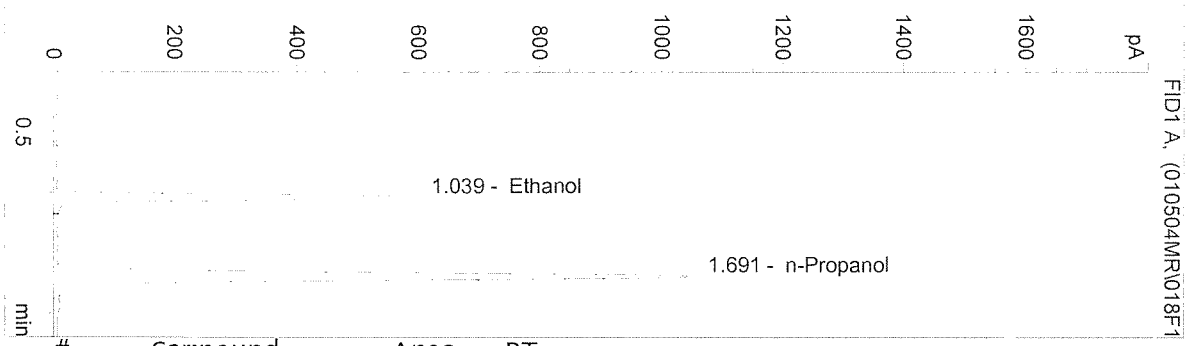
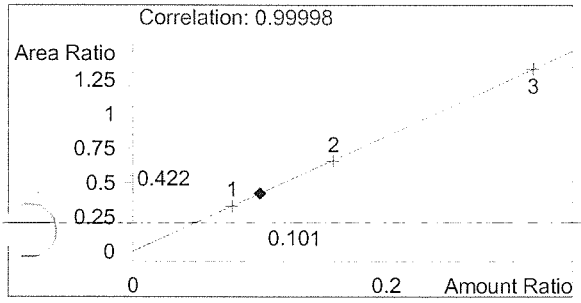
Instrument 2
D2-ALC1

0.10 control
MELISSA PEMBERTON

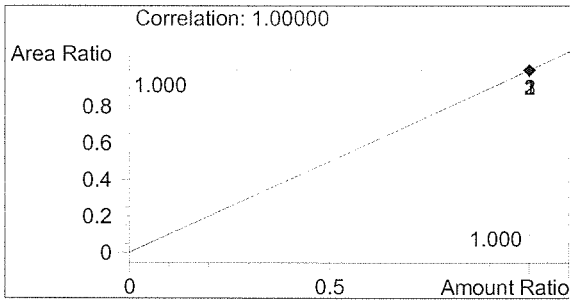
vial # 18



#	Compound	Area	RT
1	Ethanol	1916	1.039
2	n-Propanol	4536	1.691
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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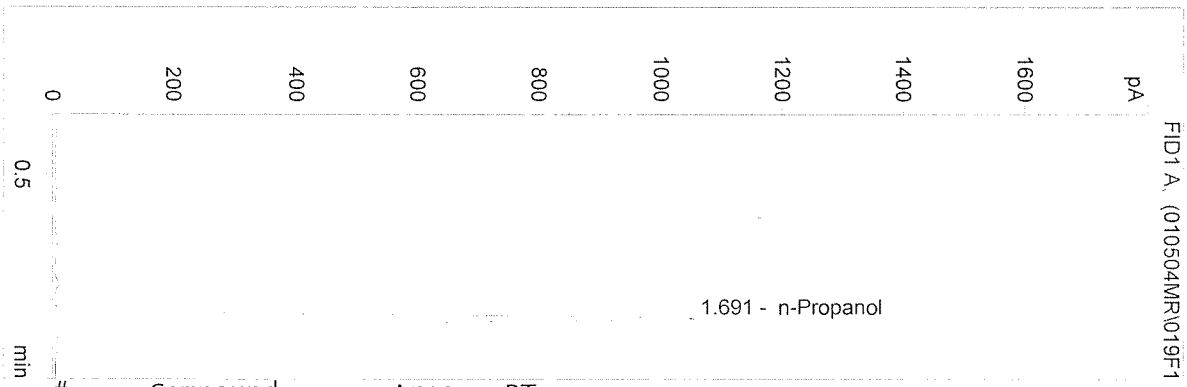
1/5/04 1:55:26 PM
Instrument 2
DB-ALC1

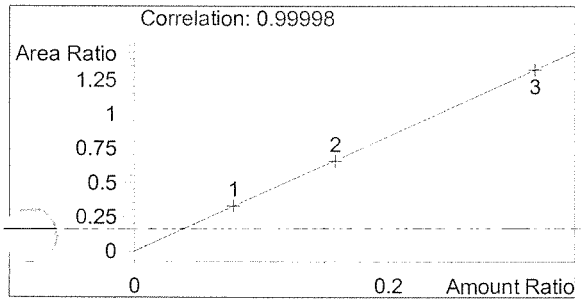
blk
MELISSA PEMBERTON

vial # 19

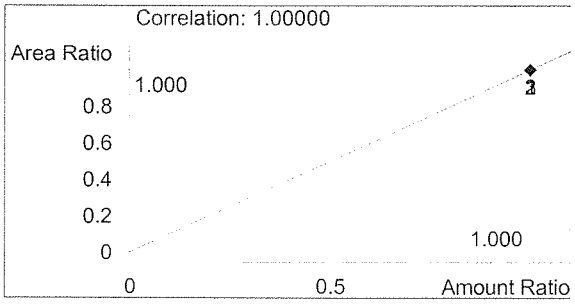


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4488	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Calibration Table

Calib. Data Modified : Monday, January 05, 2004 1:08:45 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.040 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.040 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : Floating Average New 99%
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [ng/ul]	Name
1	1.00000	n-Propanol

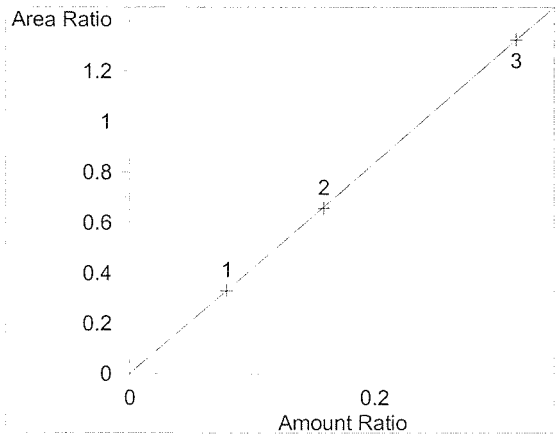
Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [ng/ul]	Area	Amt/Area	Ref	Grp	Name
1.039	1	1	7.90000e-2	1553.23938	5.08614e-5	1		Ethanol
		2	1.58000e-1	3016.08911	5.23857e-5			
		3	3.16000e-1	6199.56494	5.09713e-5			
1.691	1	1	1.00000	4704.59717	2.12558e-4	I1		n-Propanol
		2	1.00000	4597.63086	2.17503e-4			
		3	1.00000	4677.30957	2.13798e-4			

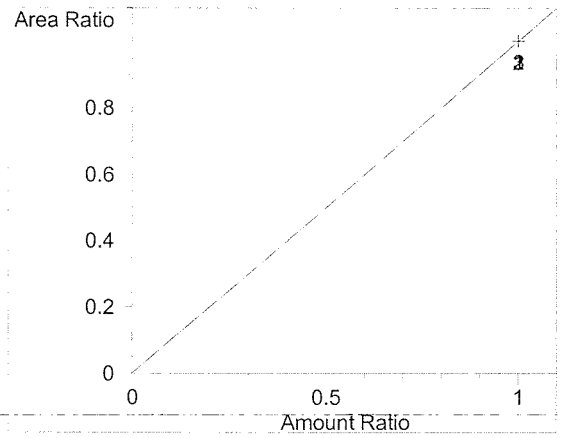
Peak Sum Table

No Entries in table

Calibration Curves



Ethanol at exp. RT: 1.039
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00393
Formula: y = mx + b
m: 4.19336
b: -1.82777e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.691
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

WASHINGTON STATE TOXICOLOGY LABORATORY

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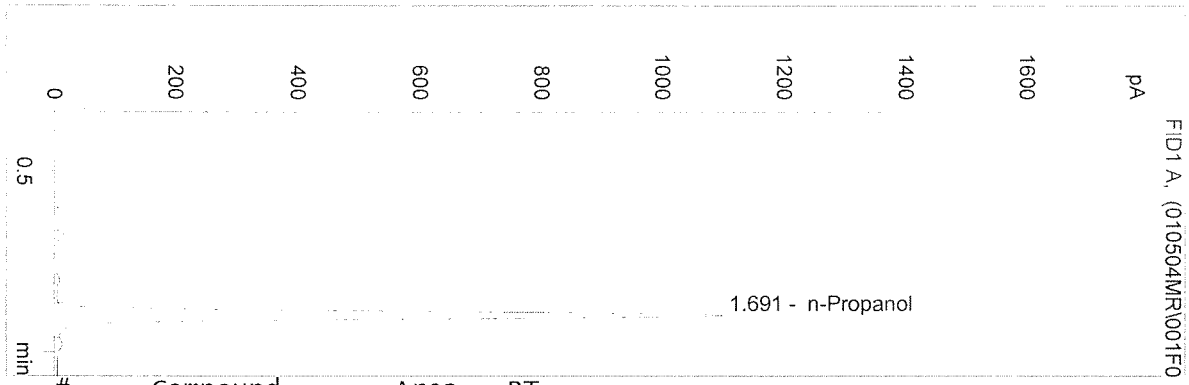
1/5/04 12:56:53 PM
Instrument 2
DB-ALC1

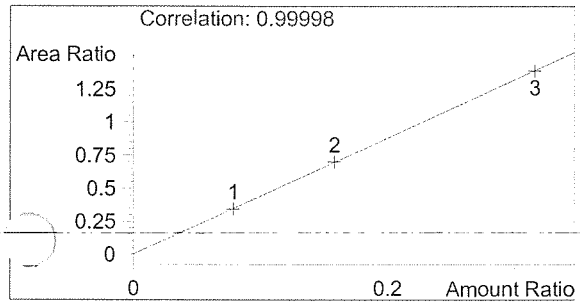
BLK
MELISSA PEMBERTON

vial # 1

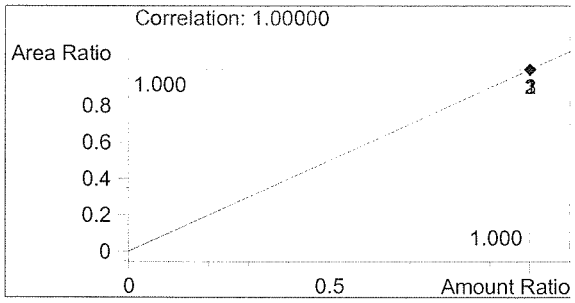


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4733	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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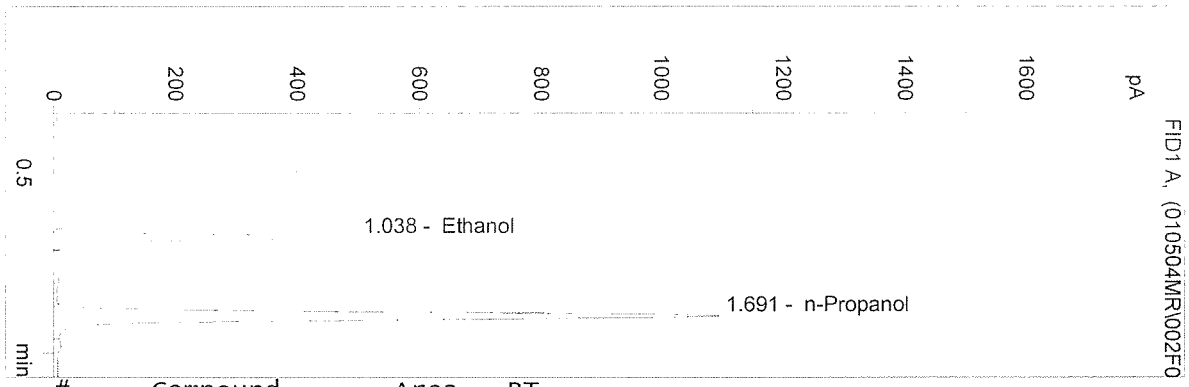
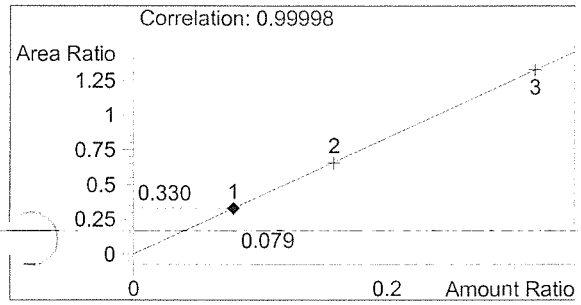
1/5/04 1:00:05 PM
Instrument 2
DB-ALC1

0.079 CAL
MELISSA PEMBERTON

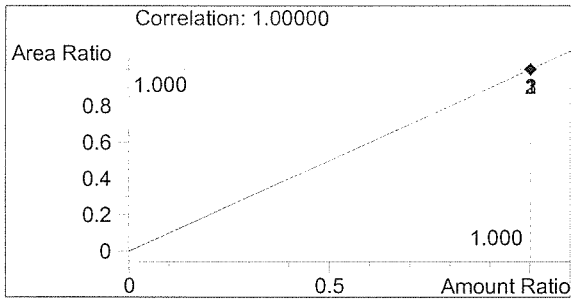
vial # 2



#	Compound	Area	RT
1	Ethanol	1553	1.038
2	n-Propanol	4705	1.691
Totals:			



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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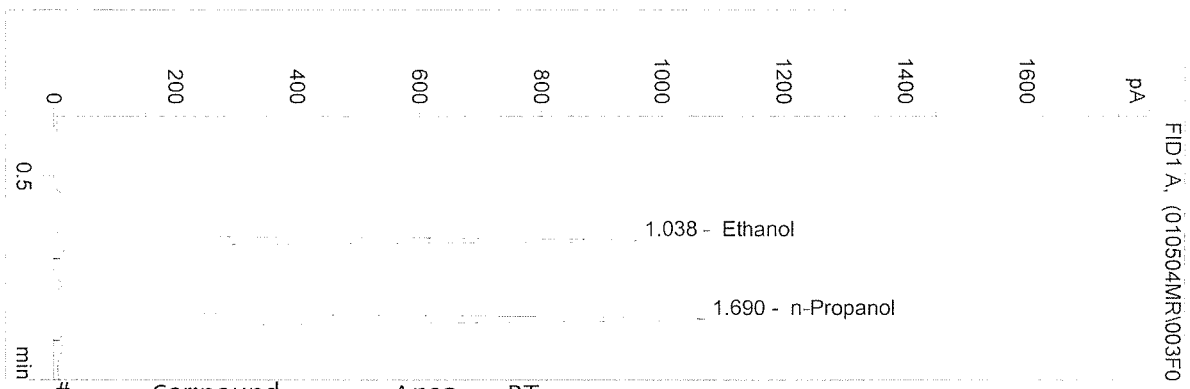
1/5/04 1:03:20 PM
Instrument 2
DB-ALC1

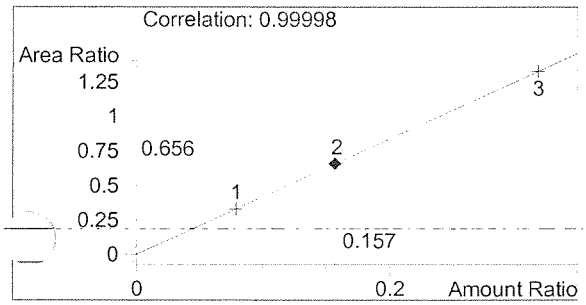
0.158 CAL
MELISSA PEMBERTON

vial # 3

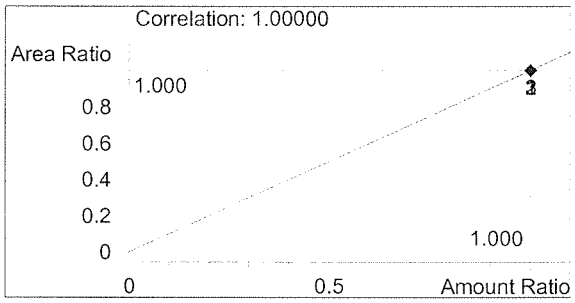


#	Compound	Area	RT
1	Ethanol	3016	1.038
2	n-Propanol	4598	1.690

Totals:



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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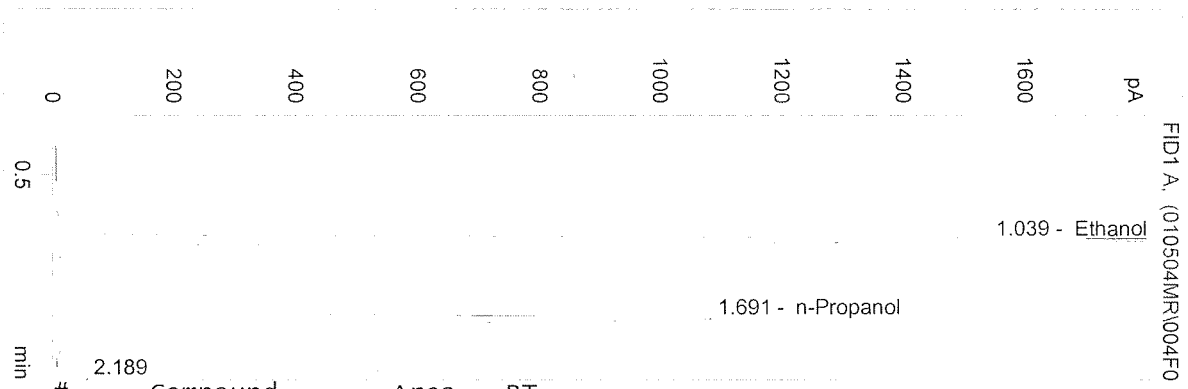
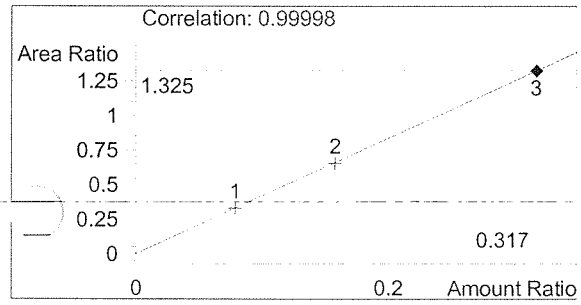
1/5/04 1:06:31 PM
Instrument 2
DB-ALC1

0.316 CAL
MELISSA PEMBERTON

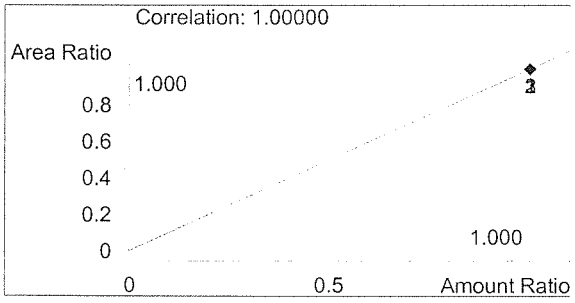
vial # 4



#	Compound	Area	RT
1	Ethanol	6200	1.039
2	n-Propanol	4677	1.691
3		169	2.189
Totals:			



Ethanol 0.317 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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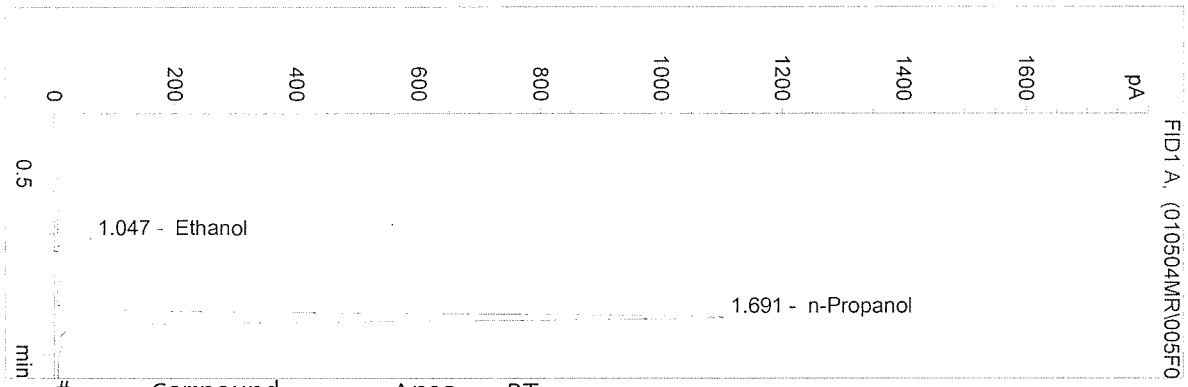
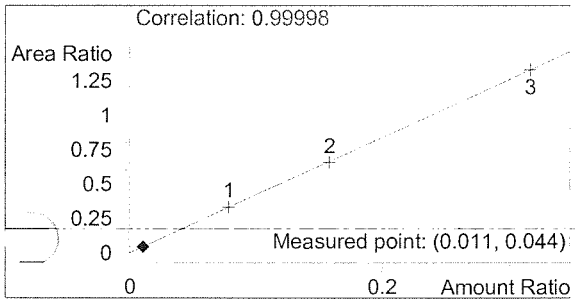
1/5/04 1:09:42 PM
Instrument 2
DB-ALC1

BLK
MELISSA PEMBERTON

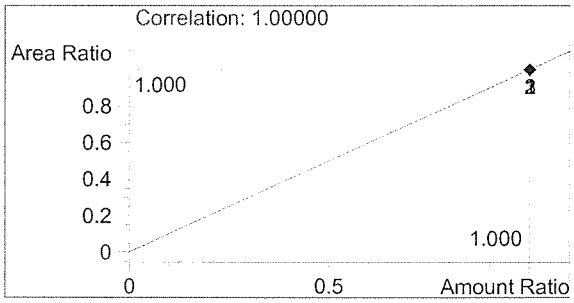
vial # 5



#	Compound	Area	RT
1	Ethanol	206	1.047
2	n-Propanol	4725	1.691
Totals:			



Ethanol 0.011 g/100ml



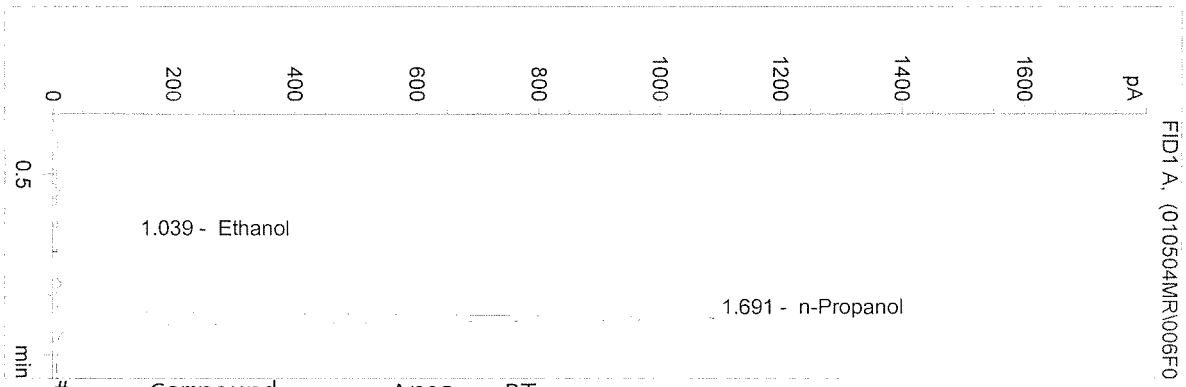
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 1:12:55 PM
Instrument 2
DB-ALC1

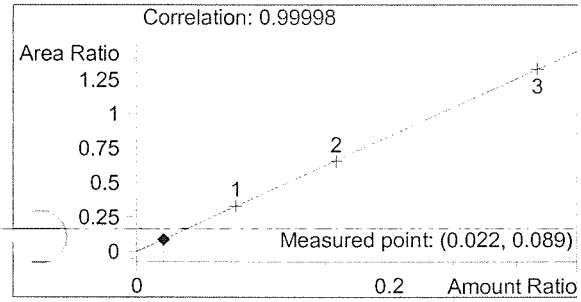
0.02 std
MELISSA PEMBERTON

vial # 6

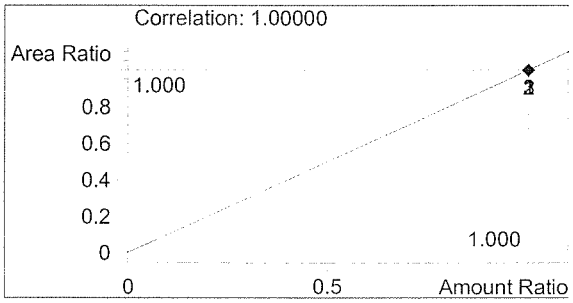


#	Compound	Area	RT
1	Ethanol	413	1.039
2	n-Propanol	4659	1.691

Totals:



Ethanol 0.022 g/100ml



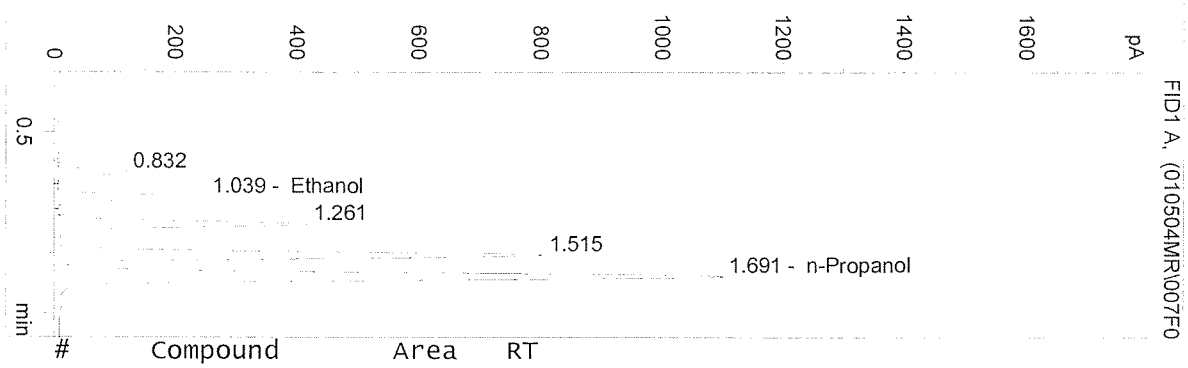
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 1:16:06 PM
Instrument 2
DB-ALC1

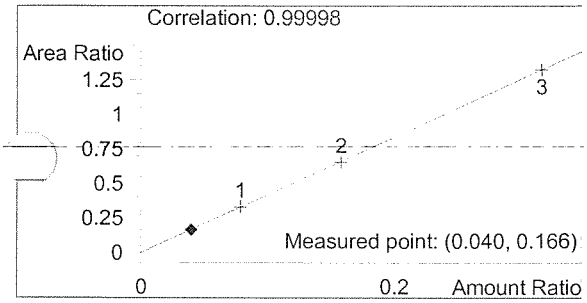
0.04 mix std
MELISSA PEMBERTON

vial # 7

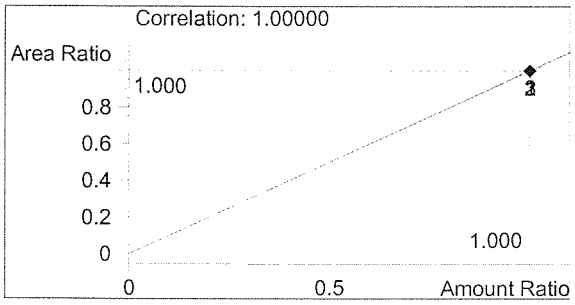


#	Compound	Area	RT
1		371	0.832
2	Ethanol	775	1.039
3		1422	1.261
4		2985	1.515
5	n-Propanol	4666	1.691

Totals:



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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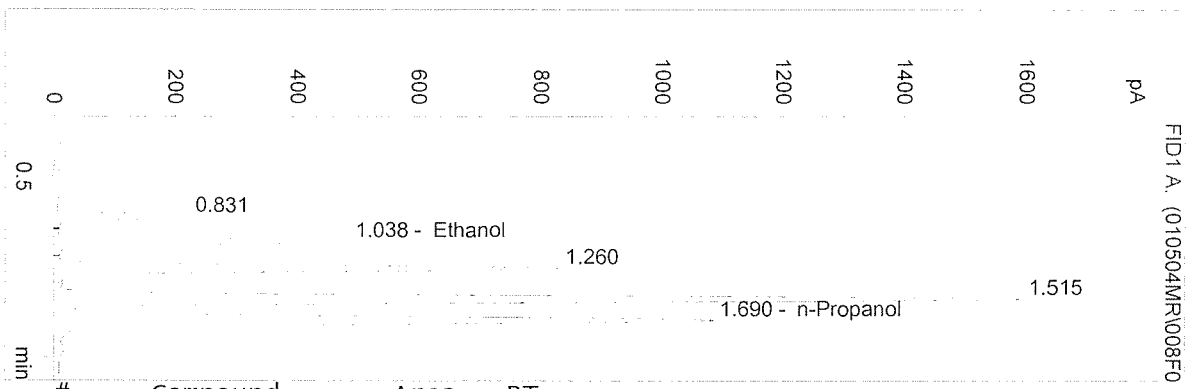
Instrument 2
DB-ALC1

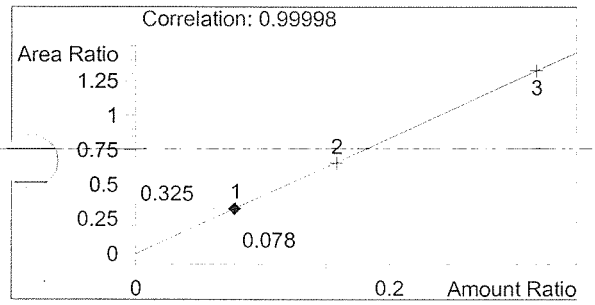
0.08 mix std
MELISSA PEMBERTON

vial # 8

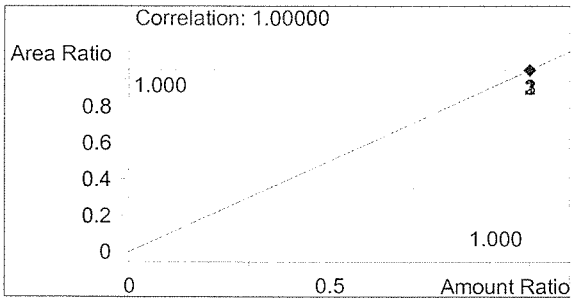


#	Compound	Area	RT
1		702	0.831
2	Ethanol	1508	1.038
3		2865	1.260
4		5973	1.515
5	n-Propanol	4635	1.690

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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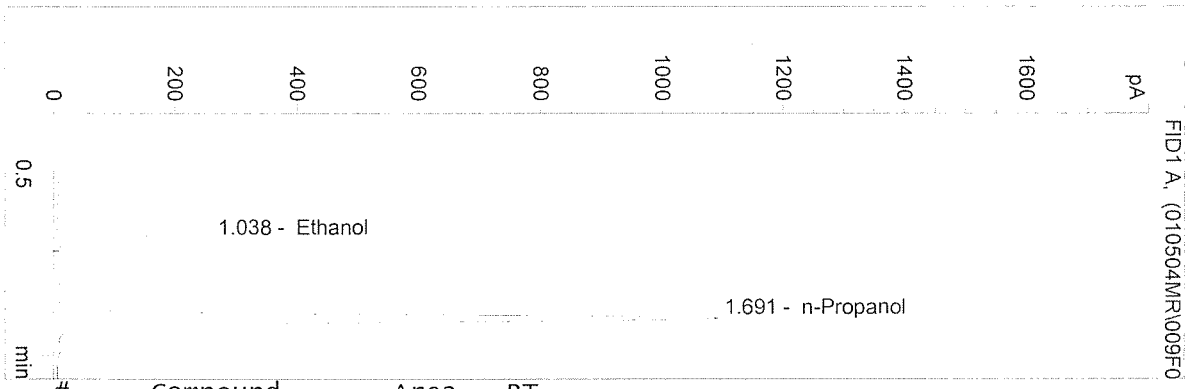
1/5/04 1:22:39 PM
Instrument 2
DB-ALC1

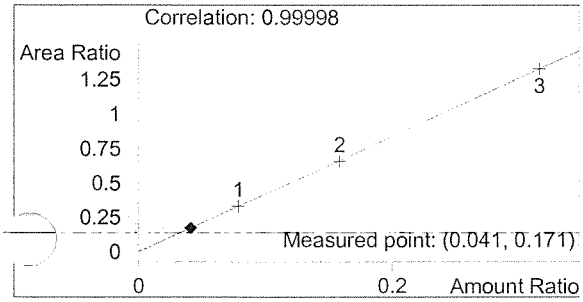
0.04 CONTROL
MELISSA PEMBERTON

vial # 9

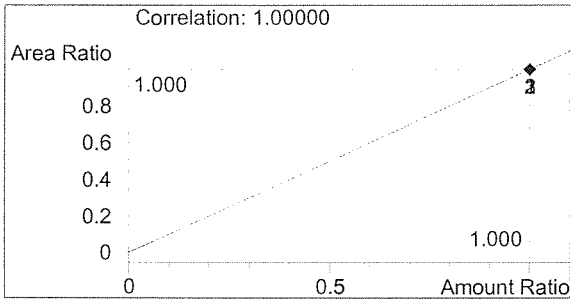


#	Compound	Area	RT
1	Ethanol	804	1.038
2	n-Propanol	4692	1.691

Totals:



Ethanol 0.041 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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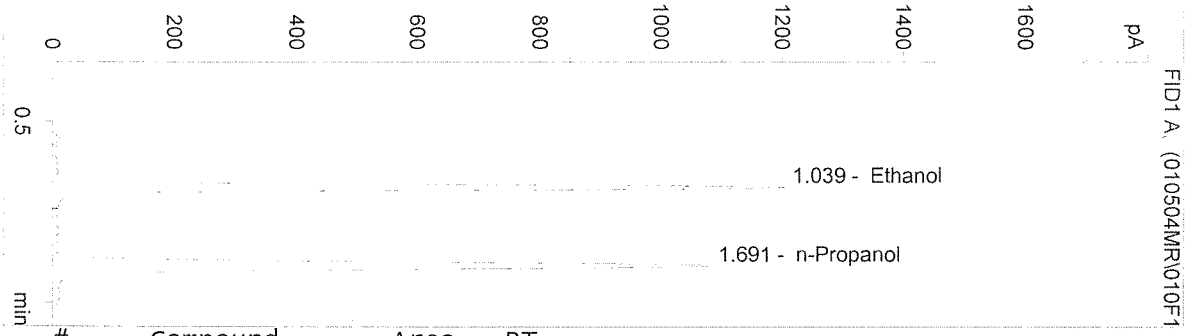
1/5/04 1:25:57 PM
Instrument 2
DB-ALC1

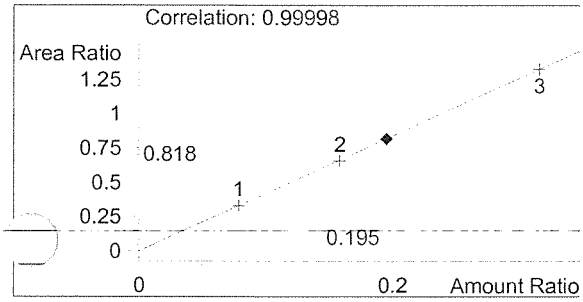
0.20 CONTROL
MELISSA PEMBERTON

vial # 10

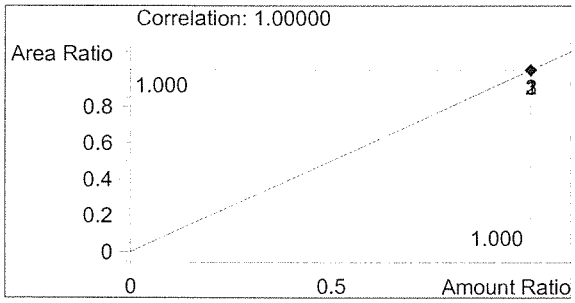


#	Compound	Area	RT
1	Ethanol	3808	1.039
2	n-Propanol	4657	1.691

Totals:



Ethanol 0.195 g/100ml



n-Propanol 1.000 g/100ml

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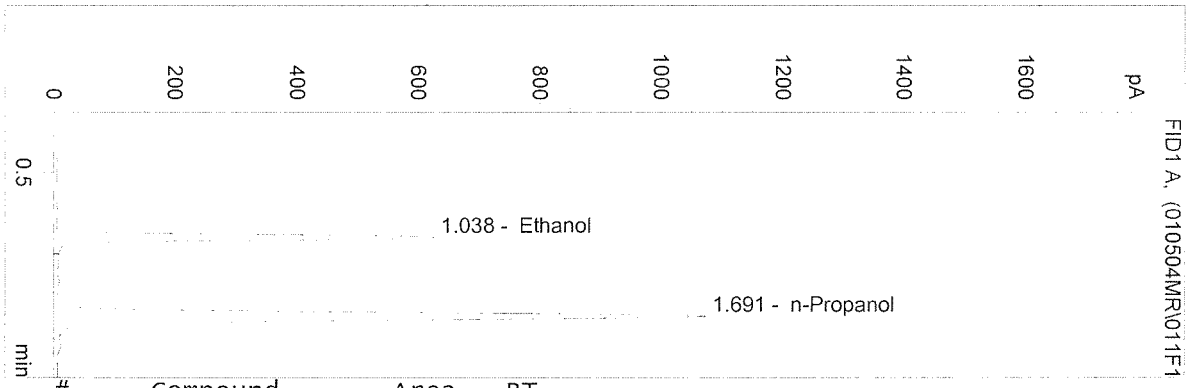
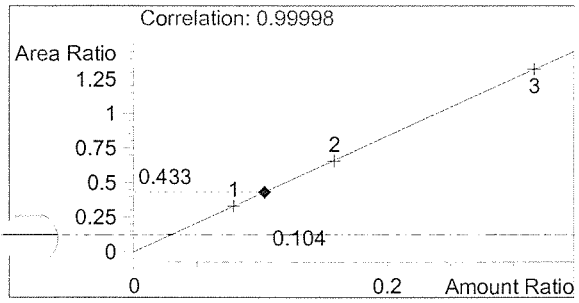
Instrument 2
DB-ALC1

0.10 CONTROL
MELISSA PEMBERTON

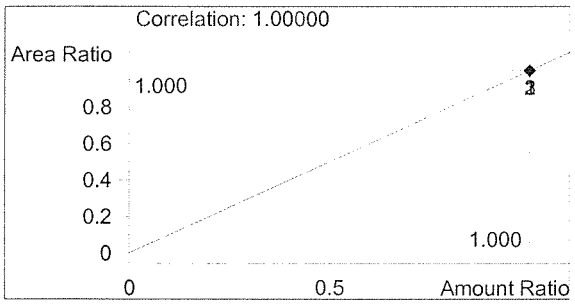
vial # 11



#	Compound	Area	RT
1	Ethanol	1975	1.038
2	n-Propanol	4564	1.691
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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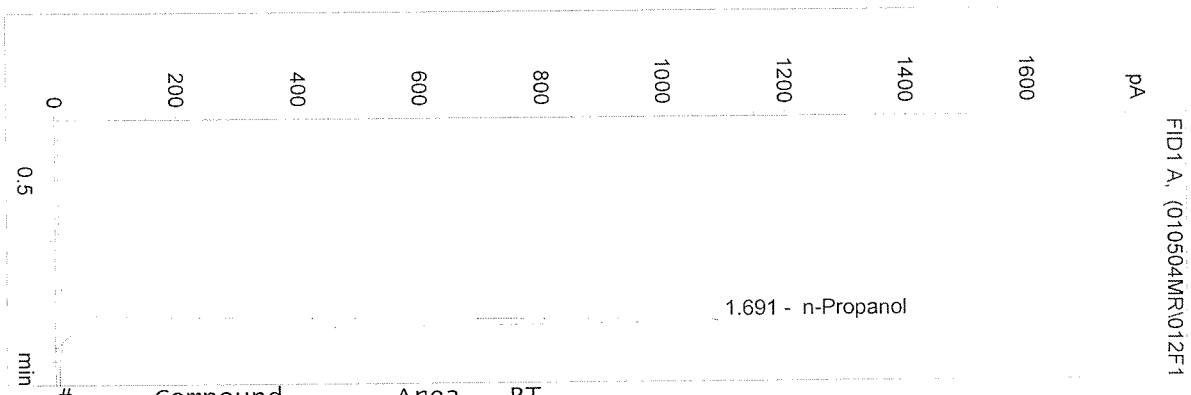
1/5/04 1:32:29 PM
Instrument 2
DB-ALC1

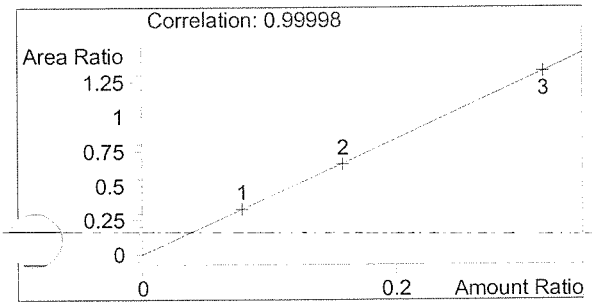
BLK
MELISSA PEMBERTON

vial # 12

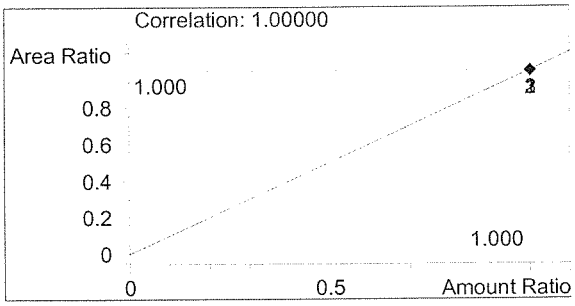


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	4647	1.691

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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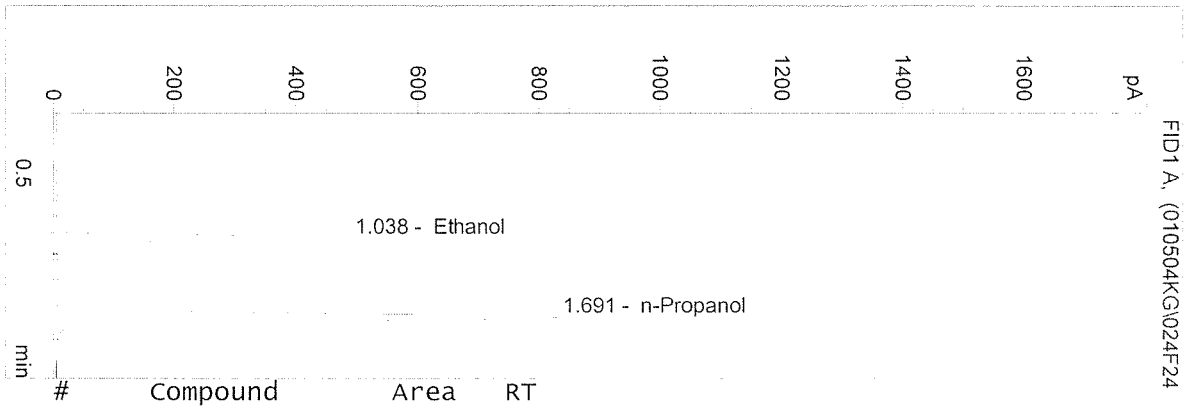
1/5/04 5:32:26 PM
Instrument 2
DB-ALC1

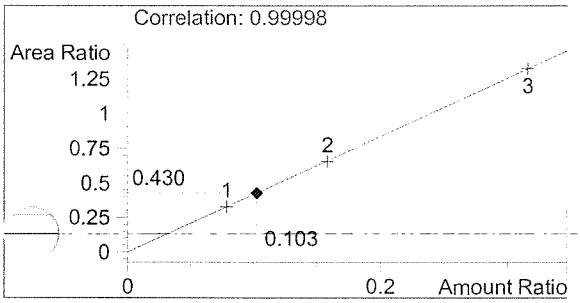
03046 AMG
Kari Gruendell

vial # 24

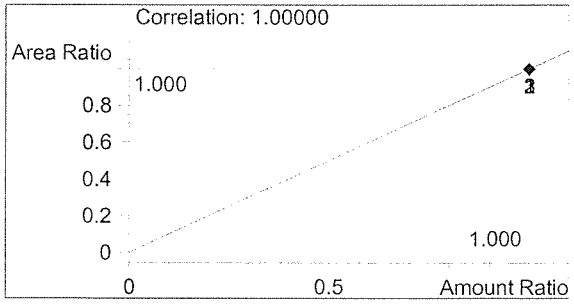


#	Compound	Area	RT
1	Ethanol	1507	1.038
2	n-Propanol	3508	1.691

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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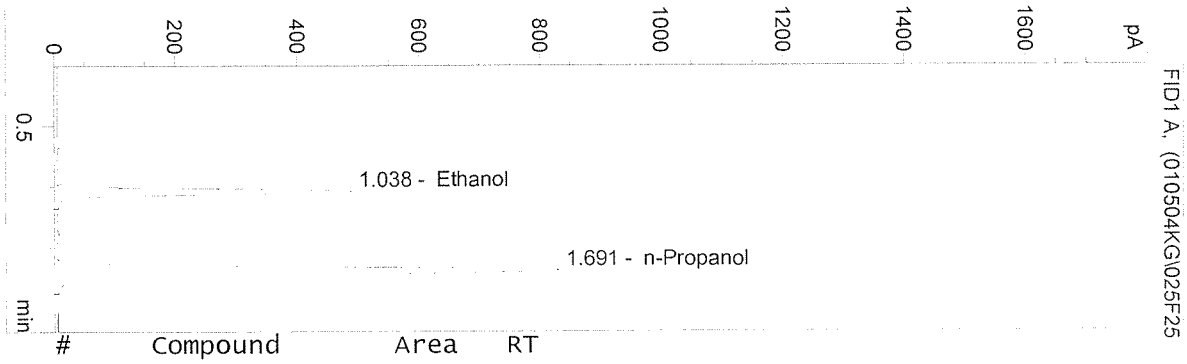
1/5/04 5:35:30 PM
Instrument 2
DB-ALC1

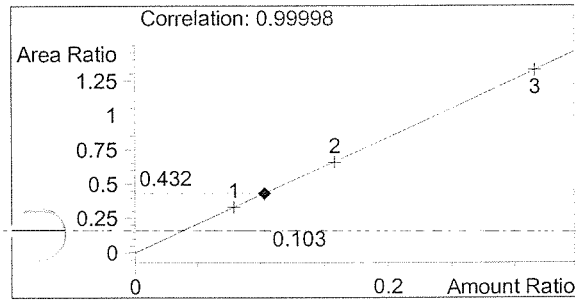
03046 AMG
Kari Gruendell

vial # 25

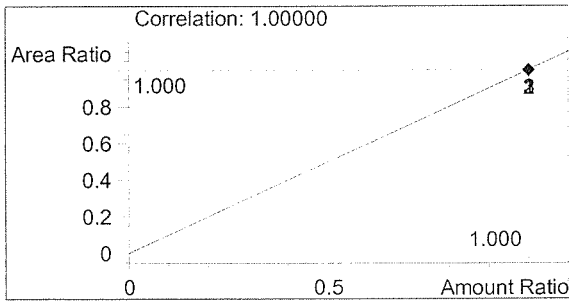


#	Compound	Area	RT
1	Ethanol	1519	1.038
2	n-Propanol	3521	1.691

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

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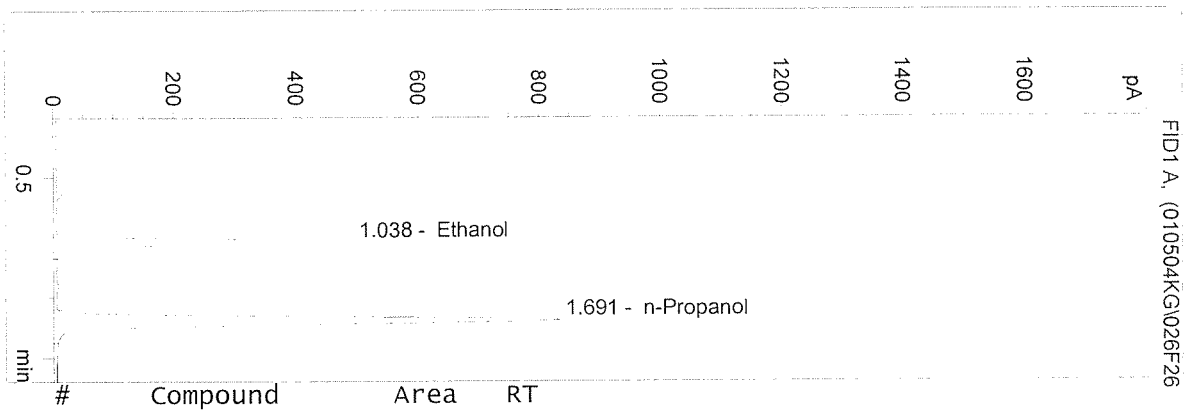
1/5/04 5:38:35 PM
Instrument 2
DB-ALC1

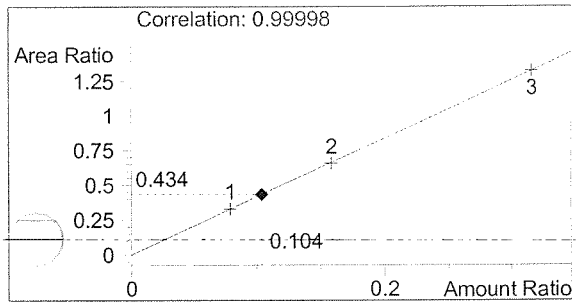
03046 AMG
Kari Gruendell

vial # 26

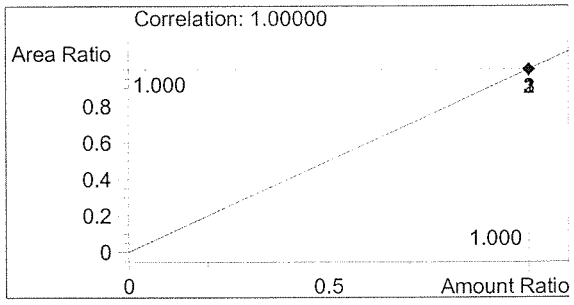


#	Compound	Area	RT
1	Ethanol	1525	1.038
2	n-Propanol	3516	1.691

Totals:



Ethanol 0.104 g/100ml

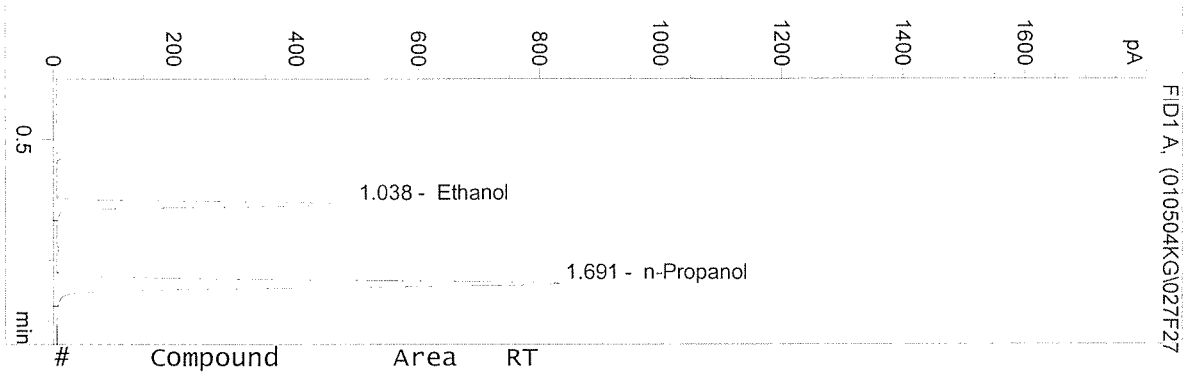


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:41:39 PM
Instrument 2
DB-ALC1

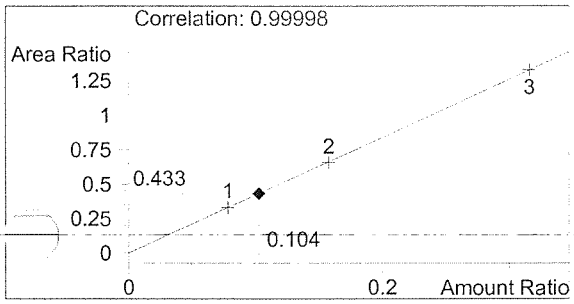
03046 AMG
Kari Gruendell

vial # 27

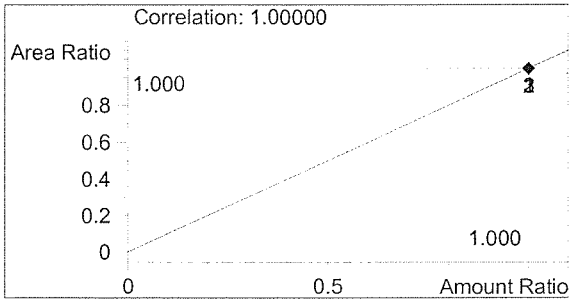


#	Compound	Area	RT
1	Ethanol	1523	1.038
2	n-Propanol	3517	1.691

Totals:



Ethanol 0.104 g/100ml



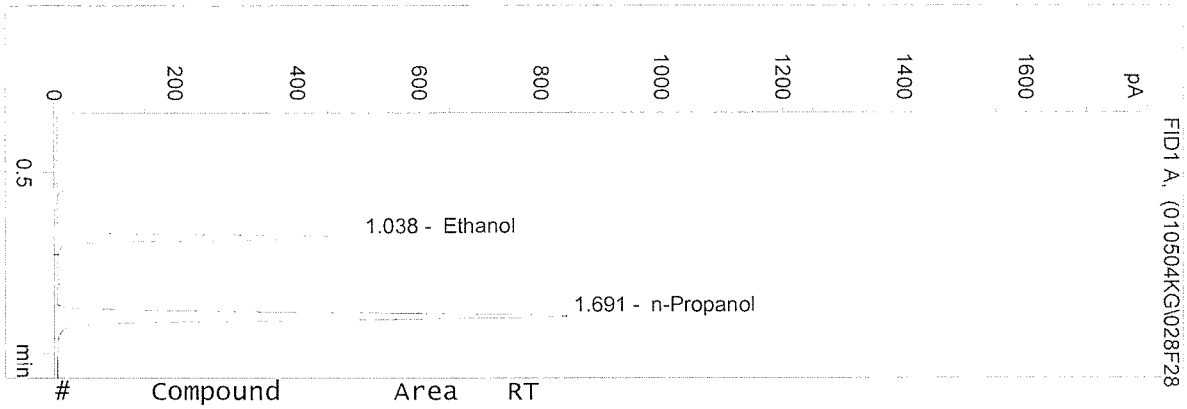
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:44:44 PM
Instrument 2
DB-ALC1

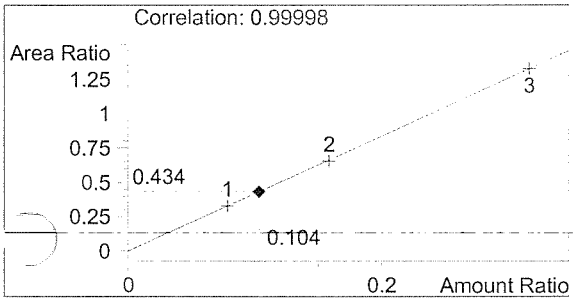
03046 AMG
Kari Gruendell

vial # 28

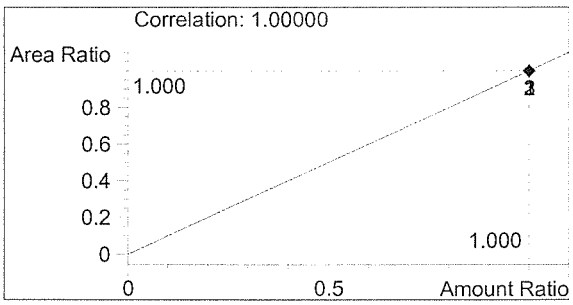


#	Compound	Area	RT
1	Ethanol	1550	1.038
2	n-Propanol	3569	1.691

Totals:



Ethanol 0.104 g/100ml

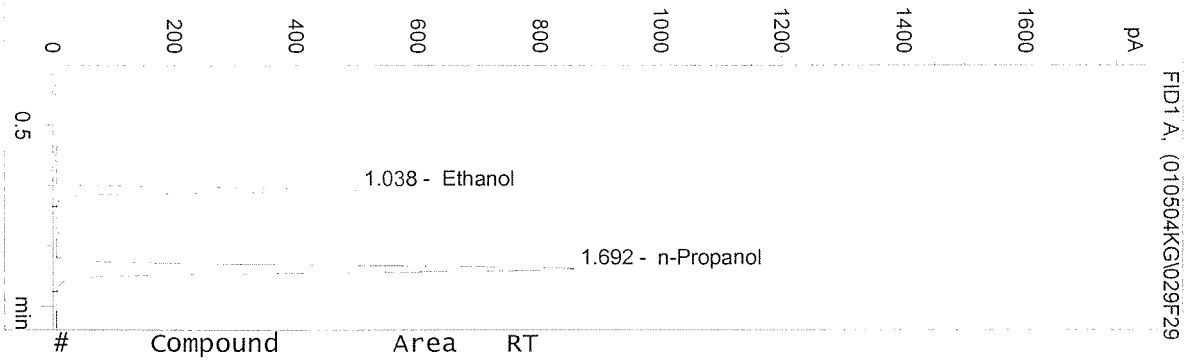


n-Propanol 1.000 g/100ml

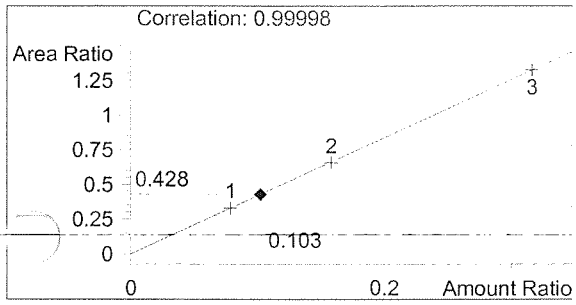
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/5/04 5:47:48 PM
Instrument 2
DB-ALC1

0.10 CONTROL AMG
Kari Gruendell

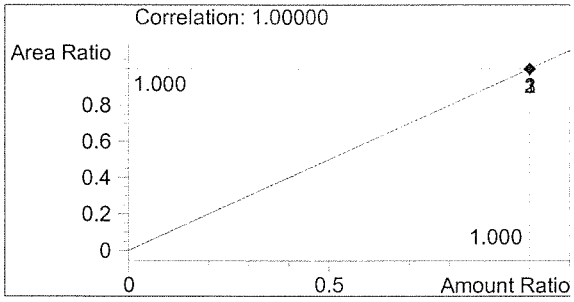
vial # 29



#	Compound	Area	RT
1	Ethanol	1548	1.038
2	n-Propanol	3614	1.692
Totals:			



Ethanol 0.103 g/100ml



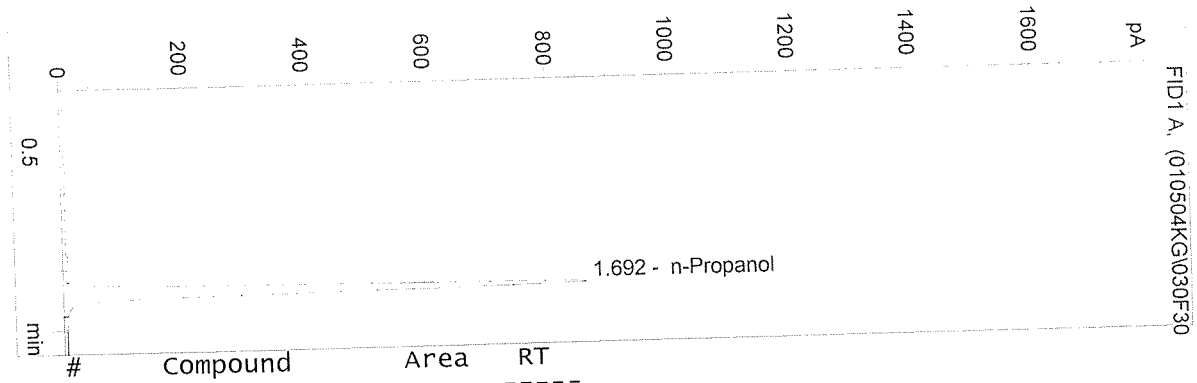
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

:\HPCHEM\2\METHODS\BLDALCO2.M
./5/04 5:50:53 PM
:nstrument 2
)B-ALC1

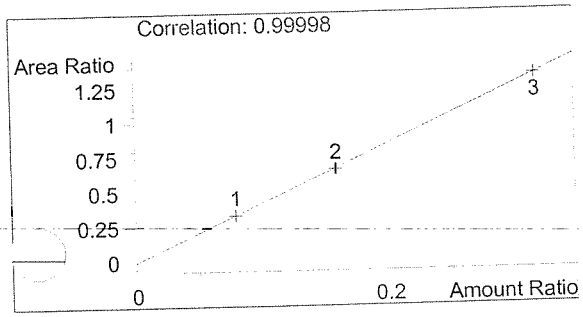
BLANK AMG
Kari Gruendell

vial # 30

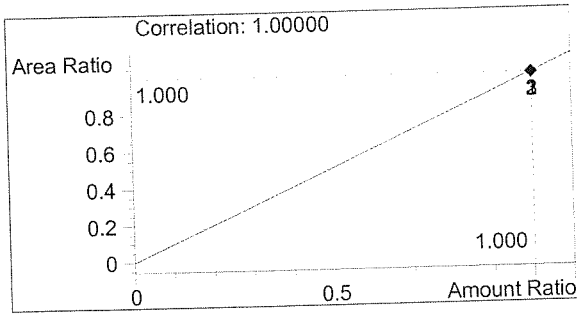


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3637	1.692

Totals:



Ethanol 0.000 g/100ml



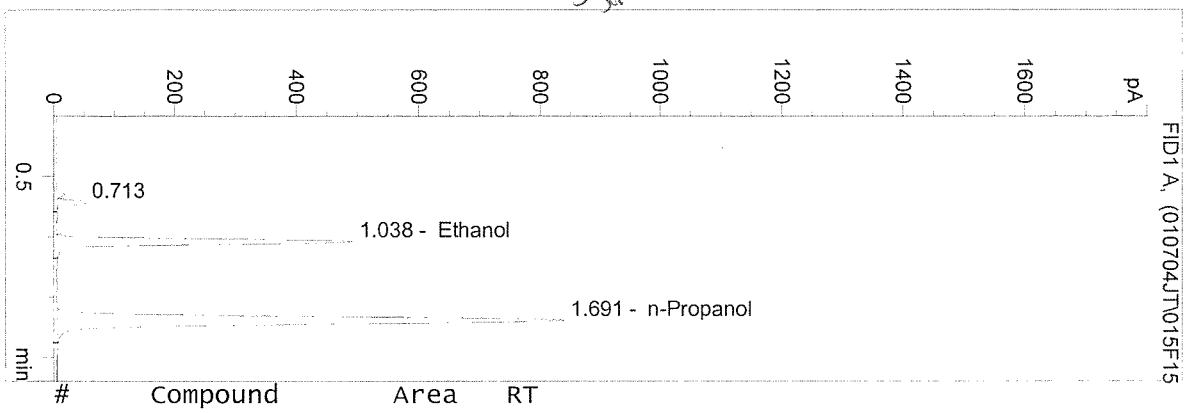
n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 2:36:31 PM
Instrument 2
D3-ALC1

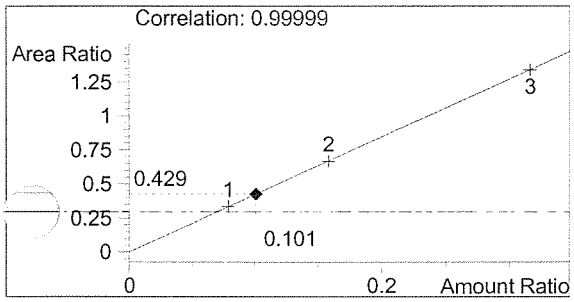
Std in Sim. 03041

SimSoln 03046
Jayne E. Thatcher

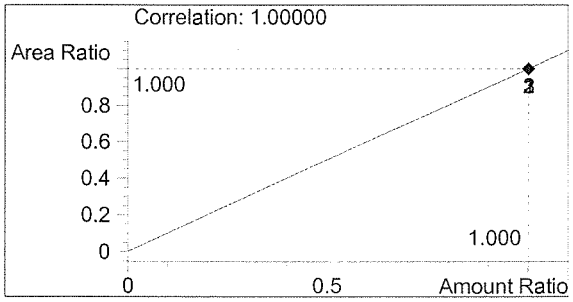
vial # 15



#	Compound	Area	RT
1		125	0.713
2	Ethanol	1514	1.038
3	n-Propanol	3532	1.691
Totals:			



Ethanol 0.101 g/100ml

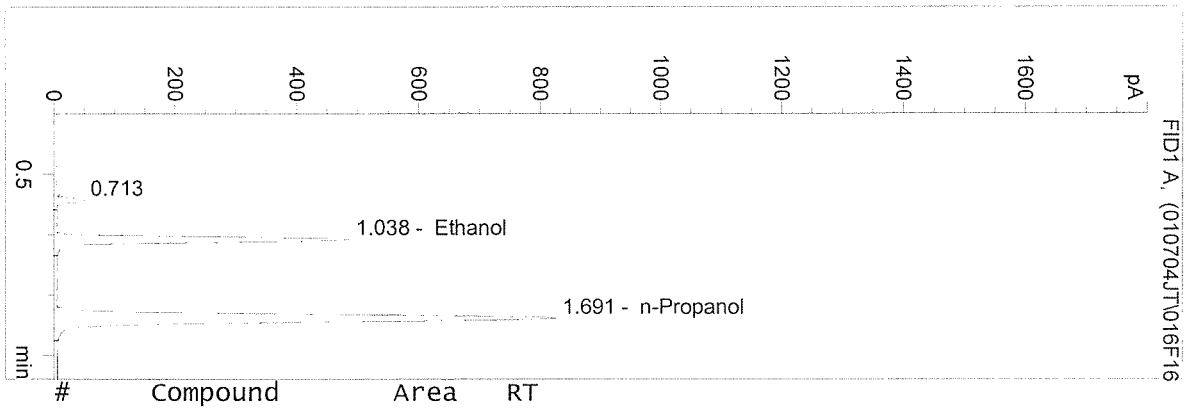


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 2:39:36 PM
Instrument 2
DB-ALC1

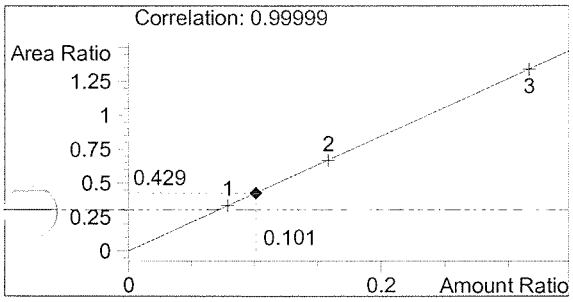
SimSoln 03046
Jayne E. Thatcher

vial # 16

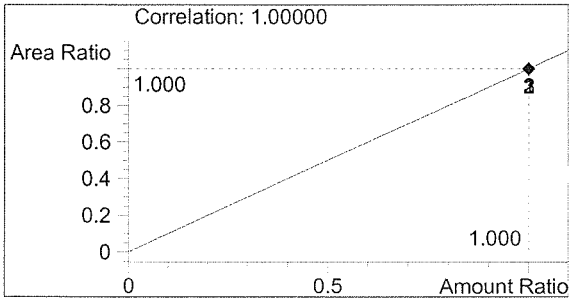


#	Compound	Area	RT
1		116	0.713
2	Ethanol	1493	1.038
3	n-Propanol	3481	1.691

Totals:



Ethanol 0.101 g/100ml

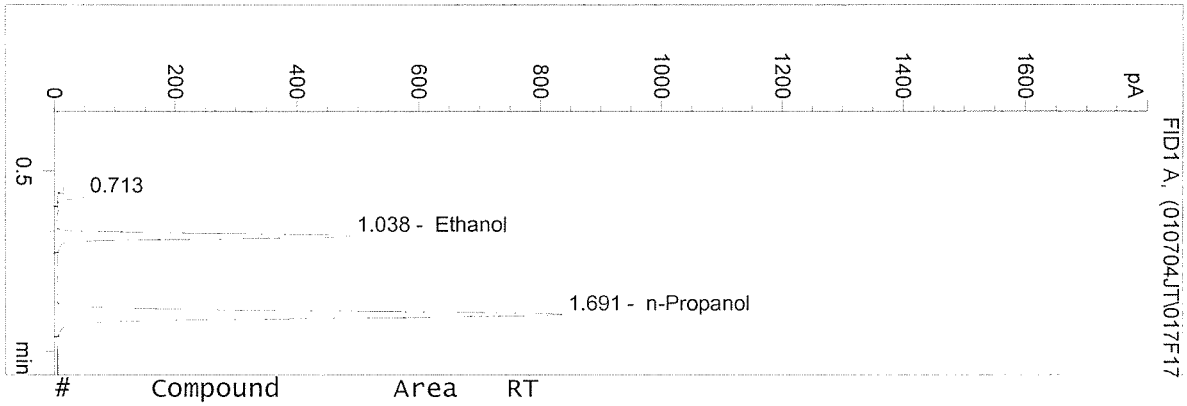


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 2:42:40 PM
Instrument 2
DB-ALC1

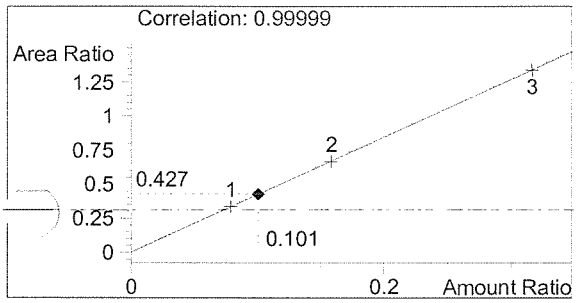
SimSoln 03046
Jayne E. Thatcher

vial # 17

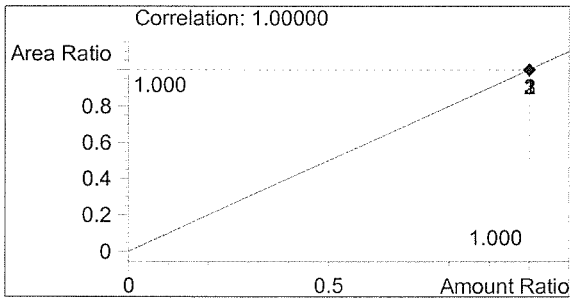


#	Compound	Area	RT
1		114	0.713
2	Ethanol	1501	1.038
3	n-Propanol	3517	1.691

Totals:



Ethanol 0.101 g/100ml

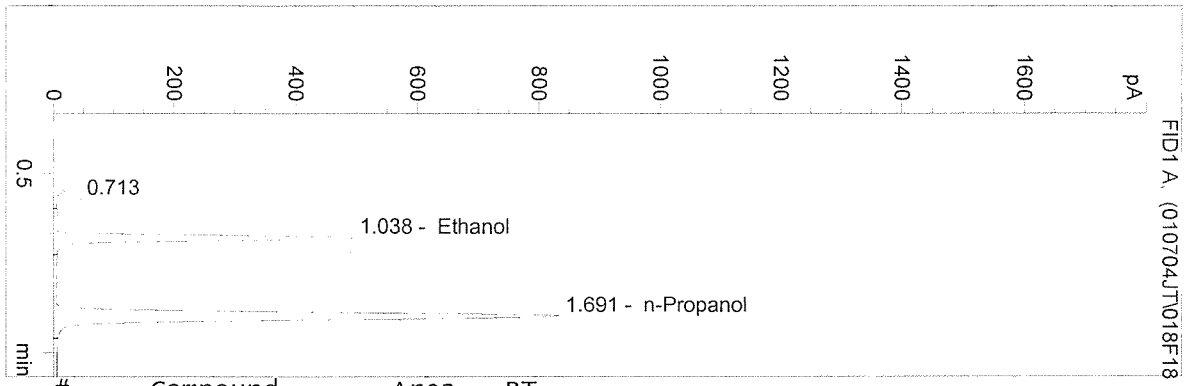


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 2:45:45 PM
Instrument 2
DR-ALC1

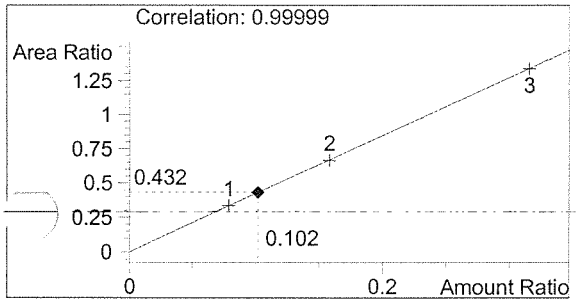
SimSoln 03046
Jayne E. Thatcher

vial # 18

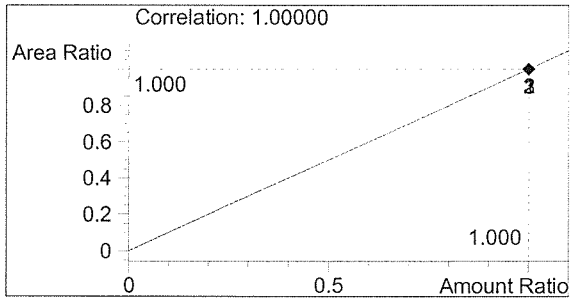


#	Compound	Area	RT
1		107	0.713
2	Ethanol	1516	1.038
3	n-Propanol	3508	1.691

Totals:



Ethanol 0.102 g/100ml

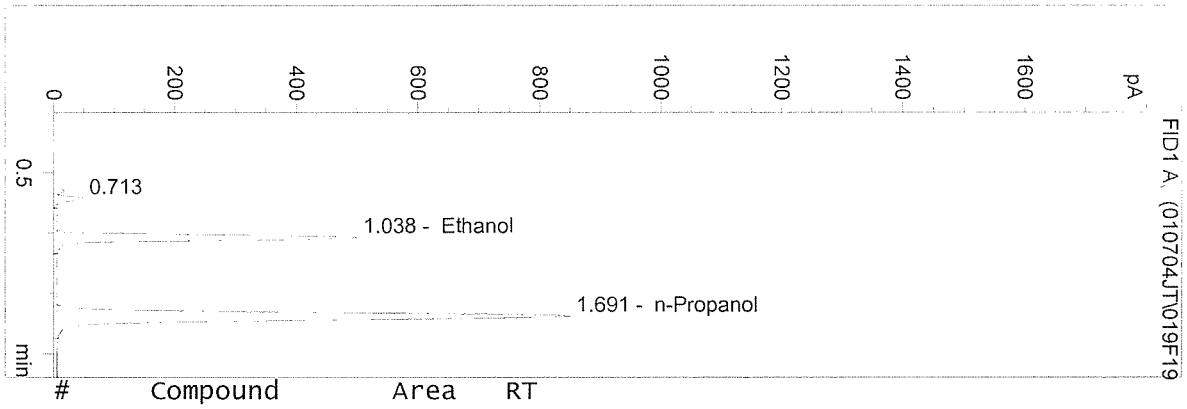


n-Propanol 1.000 g/100ml

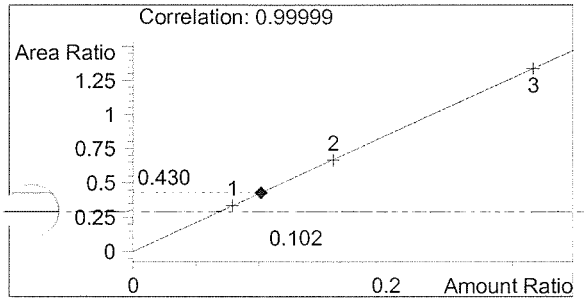
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 2:48:50 PM
Instrument 2
DB-ALC1

SimSoln 03046
Jayne E. Thatcher

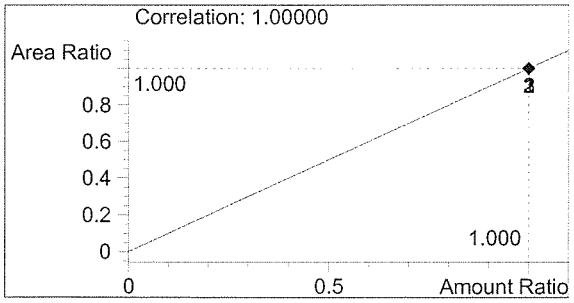
vial # 19



#	Compound	Area	RT
1		113	0.713
2	Ethanol	1533	1.038
3	n-Propanol	3563	1.691
Totals:			



Ethanol 0.102 g/100ml

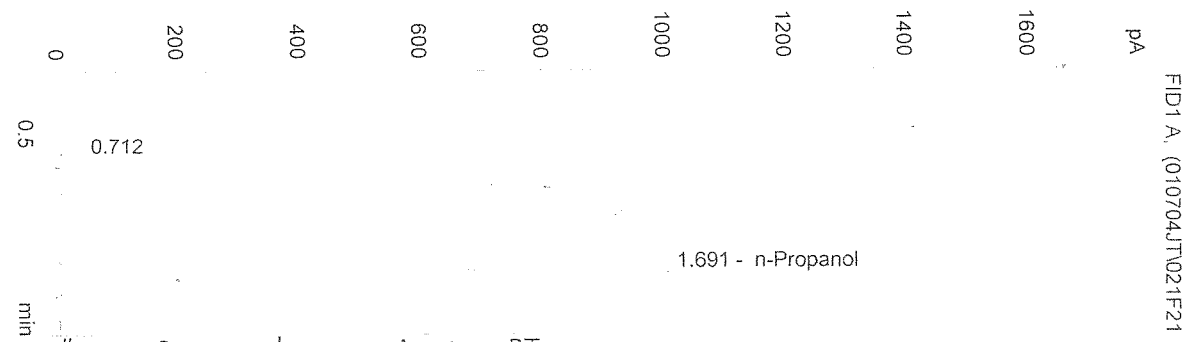


n-Propanol 1.000 g/100ml

\HPCHEM\2\METHODS\BLDALCO2.M
7/04 2:54:59 PM
strument 2
-ALC1

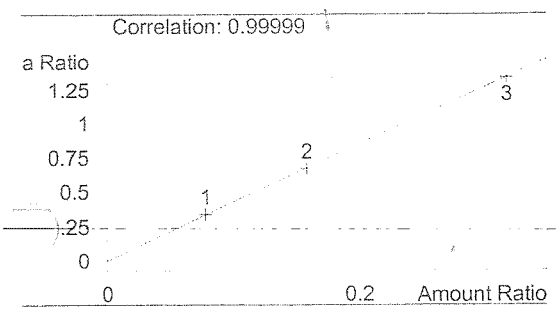
BLANK
Jayne E. Thatcher

vial # 21

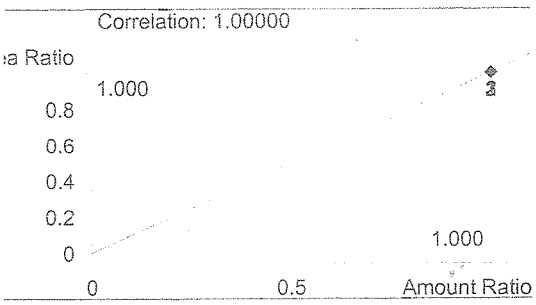


#	Compound	Area	RT
1		114	0.712
2	Ethanol	0	0.000
3	n-Propanol	4259	1.691

Totals:



Ethanol 0.000 g/100ml

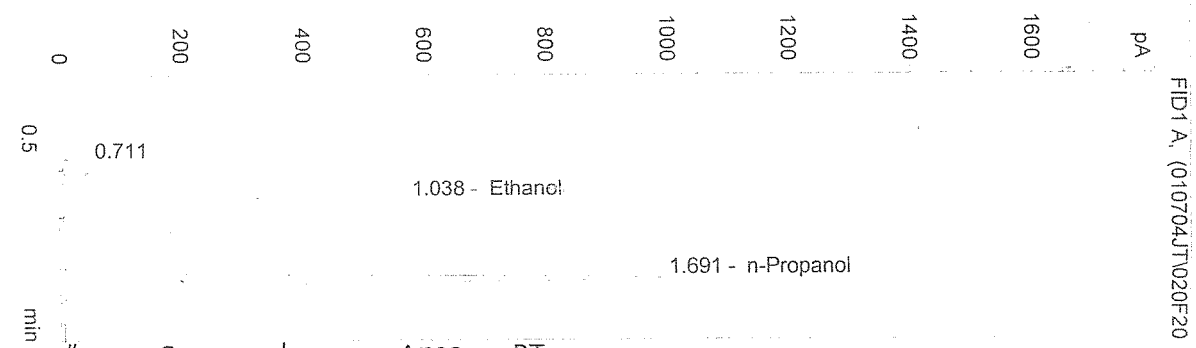


n-Propanol 1.000 g/100ml

\HPCHEM\2\METHODS\BLDALCO2.M
7/04 2:51:54 PM
strument 2
-ALC1

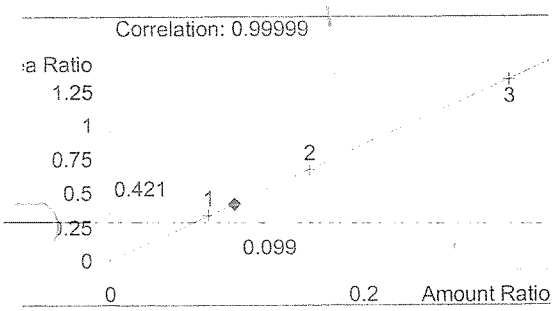
0.10 CONTROL
Jayne E. Thatcher

vial # 20

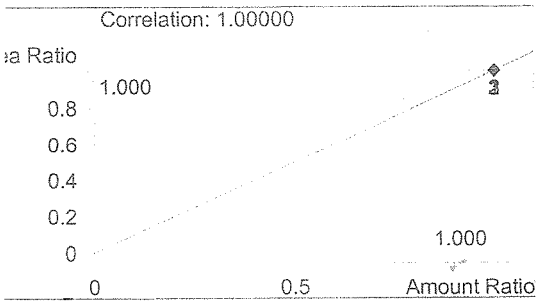


#	Compound	Area	RT
1		112	0.711
2	Ethanol	1753	1.038
3	n-Propanol	4169	1.691

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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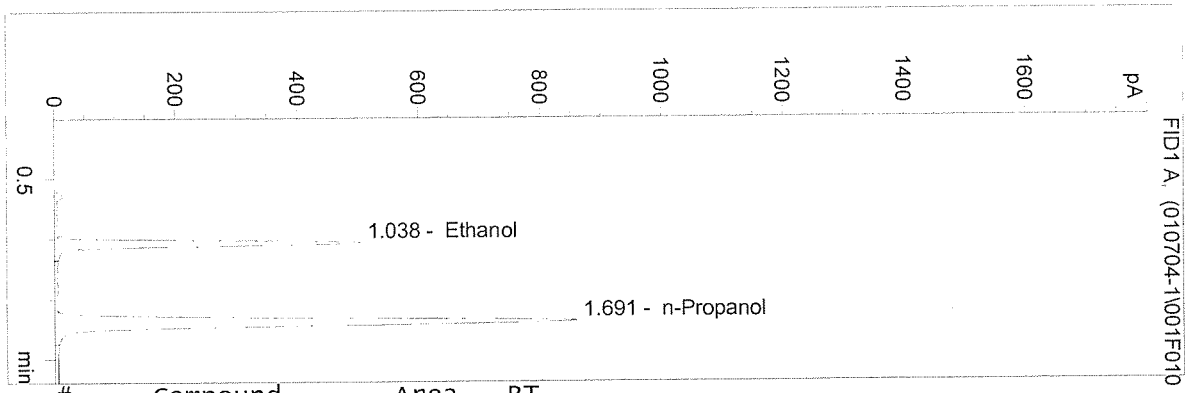
1/7/04 3:43:06 PM
Instrument 2
DB-ALC1

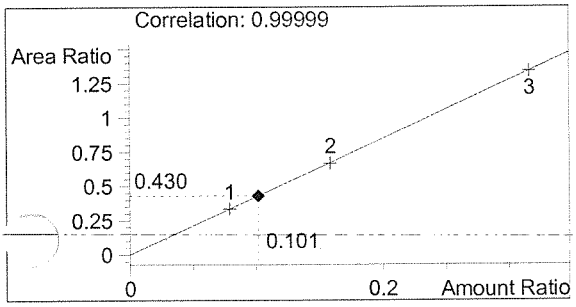
SimSoln 03046
mary wilson

vial # 1

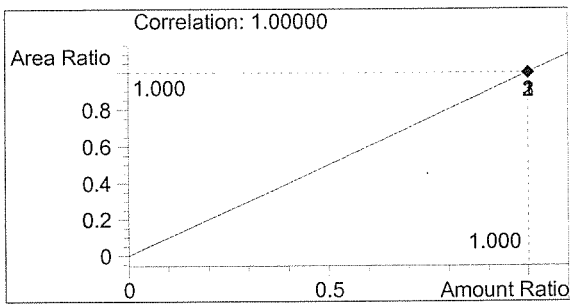


#	Compound	Area	RT
1	Ethanol	1555	1.038
2	n-Propanol	3616	1.691

Totals:



Ethanol 0.101 g/100ml



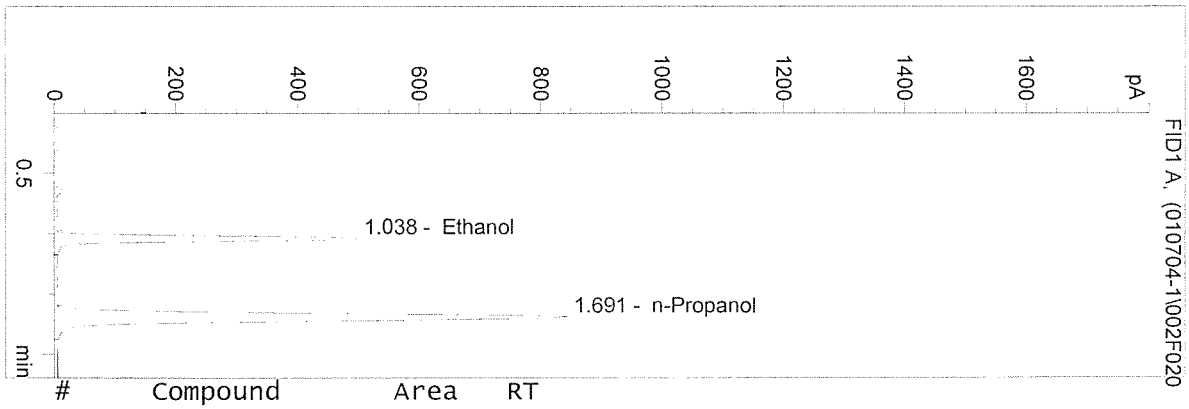
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

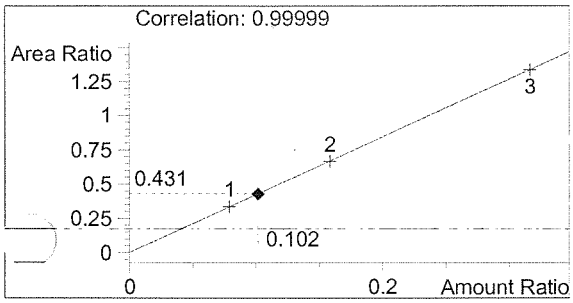
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 3:46:10 PM
Instrument 2
DR-ALC1

SimSoln 03046
mary wilson

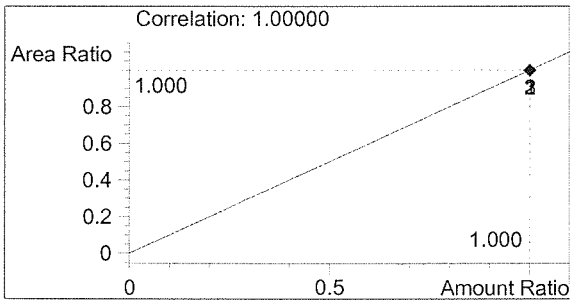
vial # 2



#	Compound	Area	RT
1	Ethanol	1532	1.038
2	n-Propanol	3552	1.691
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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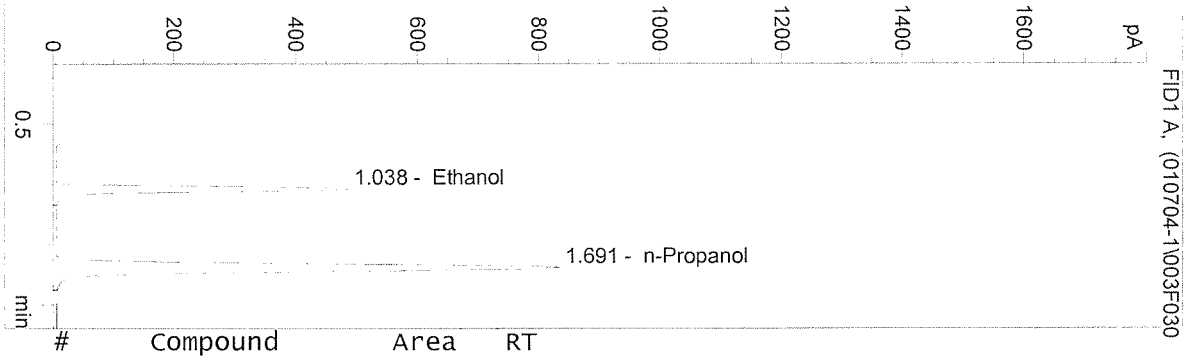
1/7/04 3:49:15 PM
Instrument 2
DR-ALC1

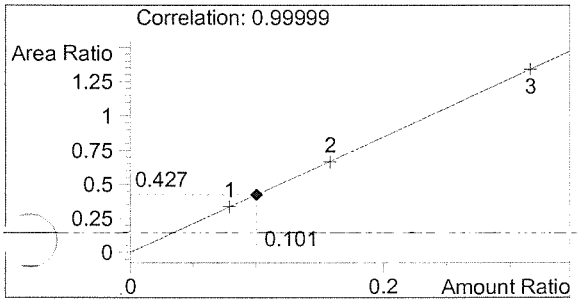
SimSoln 03046
mary wilson

vial # 3

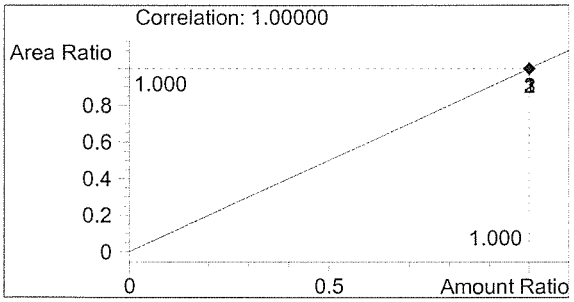


#	Compound	Area	RT
1	Ethanol	1495	1.038
2	n-Propanol	3504	1.691

Totals:



Ethanol 0.101 g/100ml

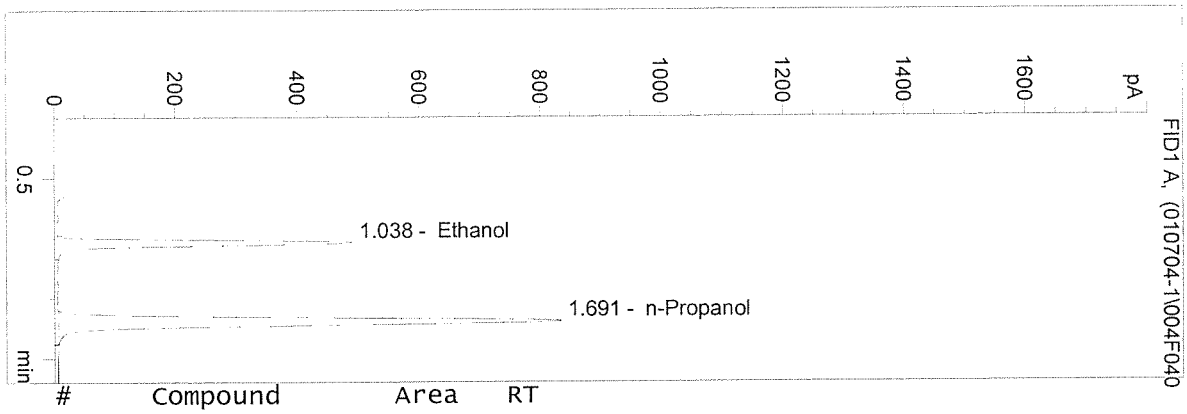


n-Propanol 1.000 g/100ml

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/7/04 3:52:19 PM
Instrument 2
DB-ALC1

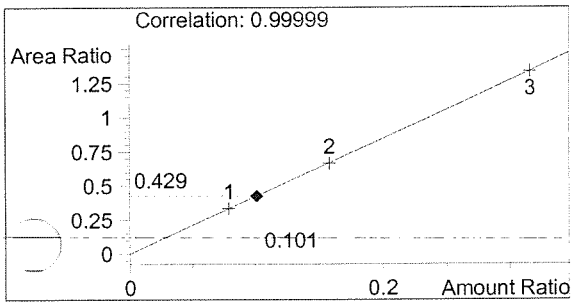
SimSoln 03046
mary wilson

vial # 4

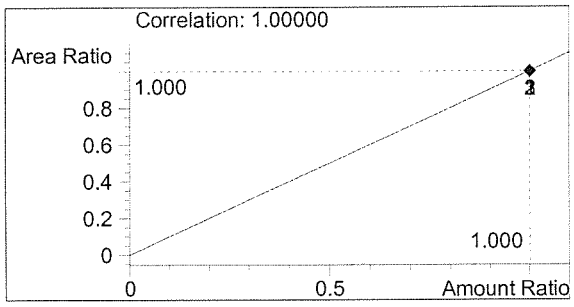


#	Compound	Area	RT
1	Ethanol	1507	1.038
2	n-Propanol	3513	1.691

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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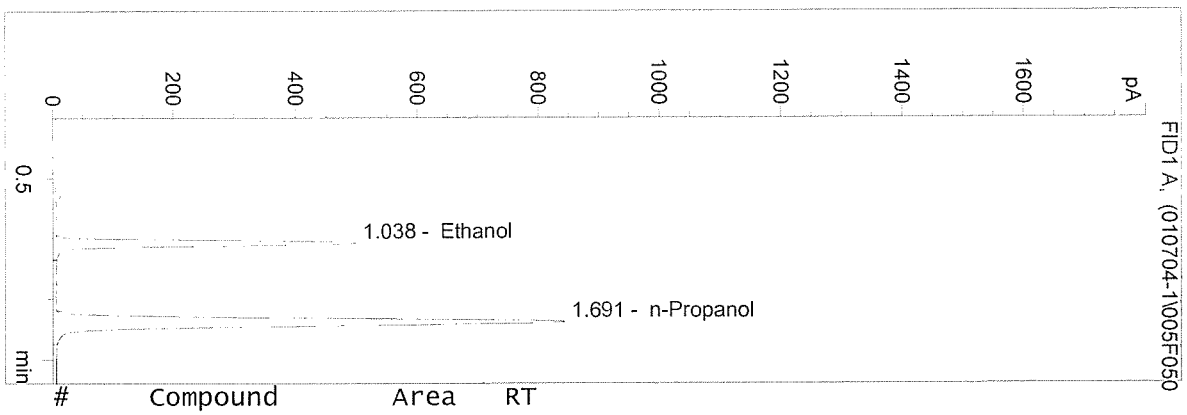
Instrument 2
DB-ALC1

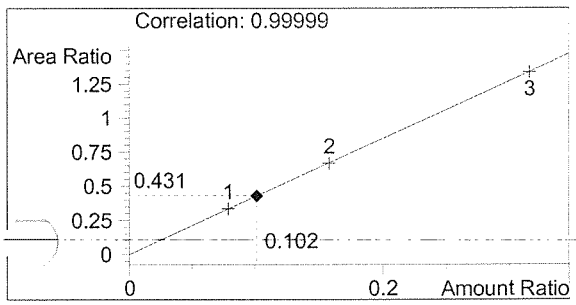
SimSoln 03046
mary wilson

vial # 5

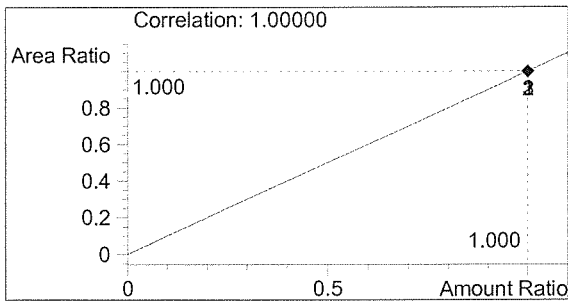


#	Compound	Area	RT
1	Ethanol	1530	1.038
2	n-Propanol	3552	1.691

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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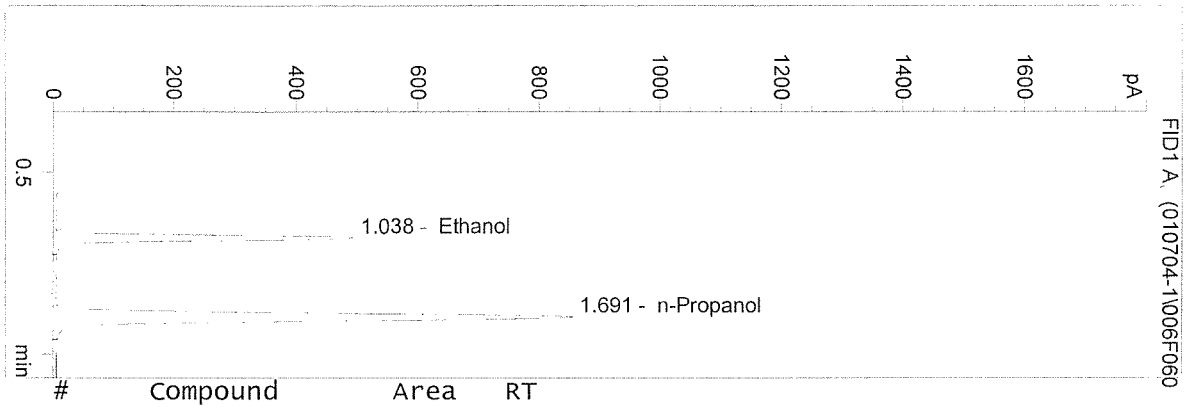
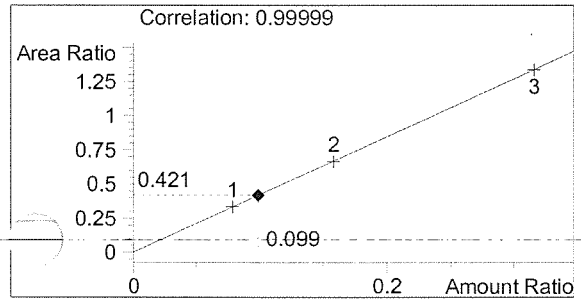
Instrument 2
DR-ALC1

0.10 CONTROL
mary wilson

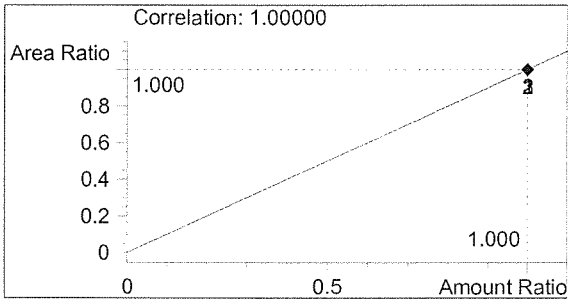
vial # 6



#	Compound	Area	RT
1	Ethanol	1514	1.038
2	n-Propanol	3593	1.691
Totals:			



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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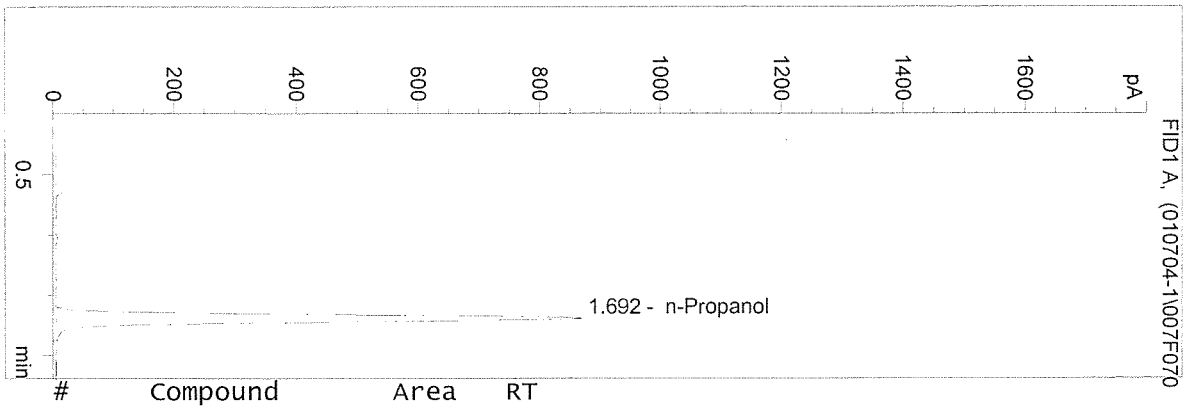
1/7/04 4:01:34 PM
Instrument 2
DB-ALC1

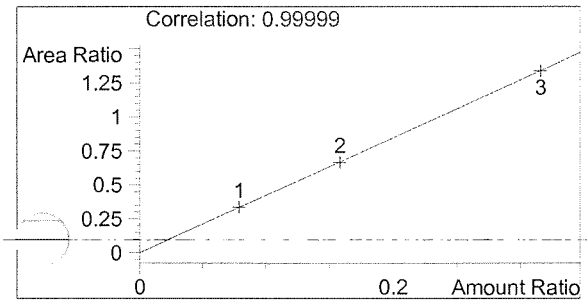
BLANK
mary wilson

vial # 7

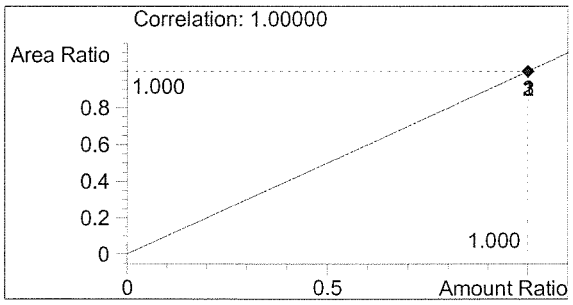


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3660	1.692

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

Sequence Parameters:

Operator:	ED FORMOSO
Data File Naming:	Auto
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	010804C
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none
Sequence Comment:	

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Vial	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	1	BLANK	BLDALCO2	1	Sample		
2	2	0.079 CAL	BLDALCO2	1	Calib		
3	3	0.158 CAL	BLDALCO2	1	Calib		
4	4	0.316 CAL	BLDALCO2	1	Calib		
5	5	BLANK	BLDALCO2	1	Sample		
6	6	0.04 CAP	BLDALCO2	1	Ctrl Samp		
7	7	0.20 CONTROL	BLDALCO2	1	Ctrl Samp		
8	8	BLANK	BLDALCO2	1	Sample		
9	9	03041	BLDALCO2	1	Sample		
10	10	03041	BLDALCO2	1	Sample		
11	11	03041	BLDALCO2	1	Sample		
12	12	03041	BLDALCO2	1	Sample		
13	13	03041	BLDALCO2	1	Sample		
14	14	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		
15	15	03046	BLDALCO2	1	Sample		
16	16	03046	BLDALCO2	1	Sample		
17	17	03046	BLDALCO2	1	Sample		
18	18	03046	BLDALCO2	1	Sample		
19	19	03046	BLDALCO2	1	Sample		
20	20	0.10 CONTROL	BLDALCO2	1	Ctrl Samp		

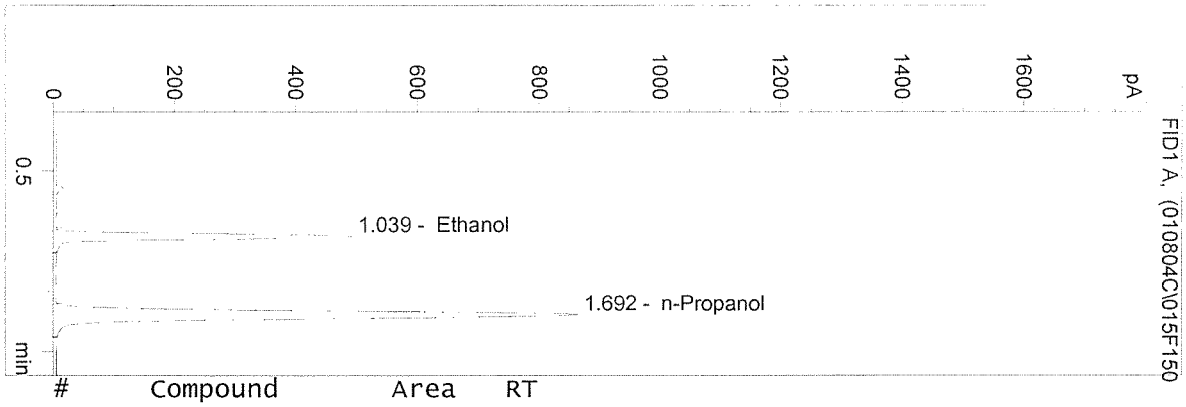
Sequence Table (Back Injector):

No entries - empty table!

C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:51:49 PM
Instrument 2
DR-ALC1

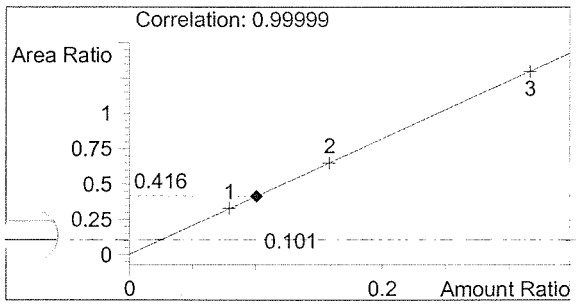
03046
ED FORMOSO

vial # 15

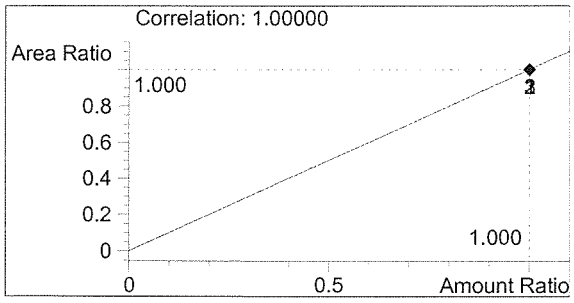


#	Compound	Area	RT
1	Ethanol	1518	1.039
2	n-Propanol	3646	1.692

Totals:



Ethanol 0.101 g/100ml



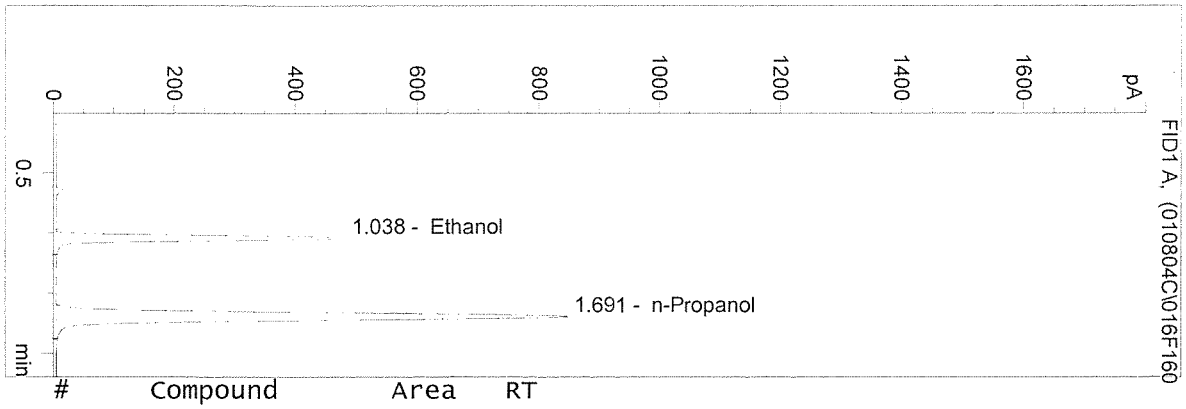
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

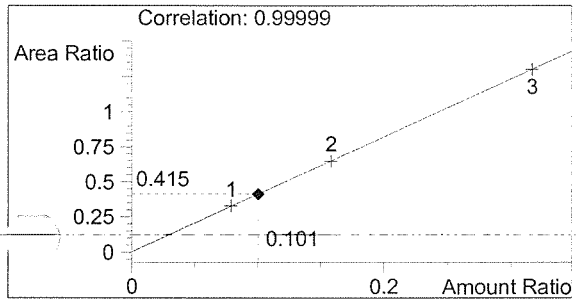
C:\HPCHEM\2\METHODS\BLDALCO2.M
1/8/04 12:54:54 PM
Instrument 2
DR-ALC1

03046
ED FORMOSO

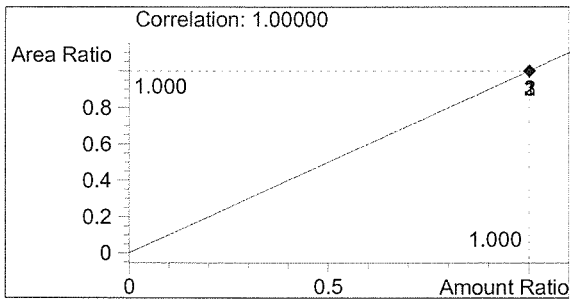
vial # 16



#	Compound	Area	RT
1	Ethanol	1486	1.038
2	n-Propanol	3581	1.691
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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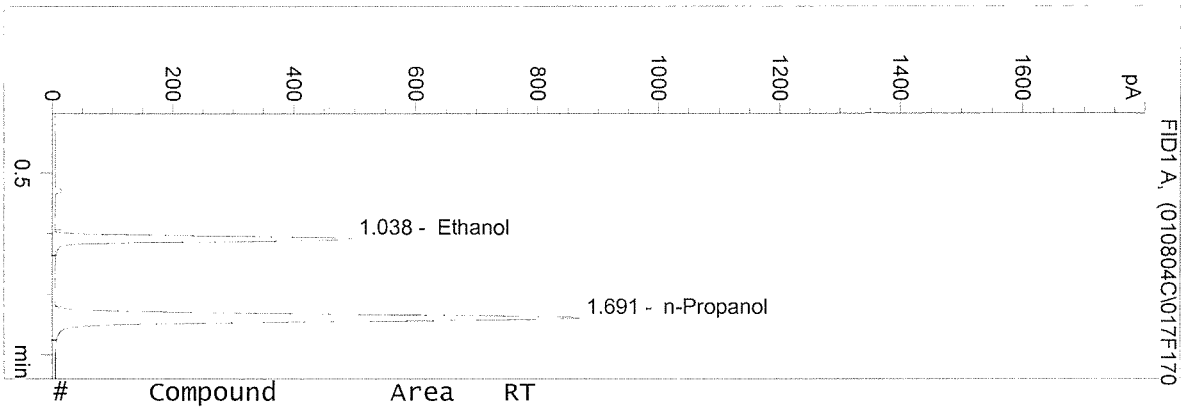
Instrument 2
DB-ALC1

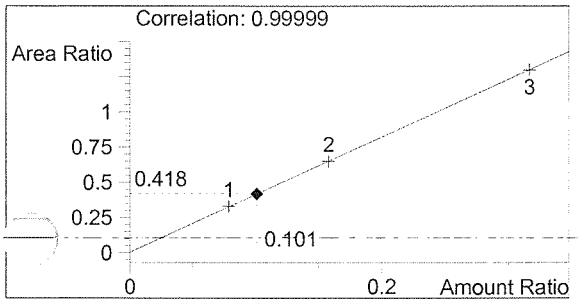
03046
ED FORMOSO

vial # 17

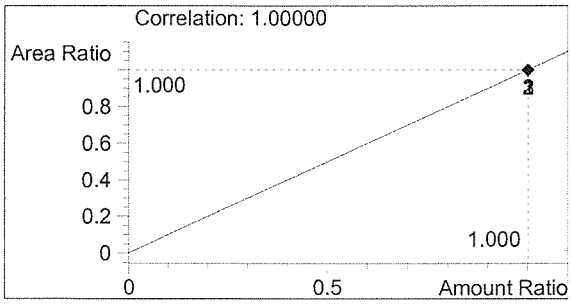


#	Compound	Area	RT
1	Ethanol	1533	1.038
2	n-Propanol	3667	1.691

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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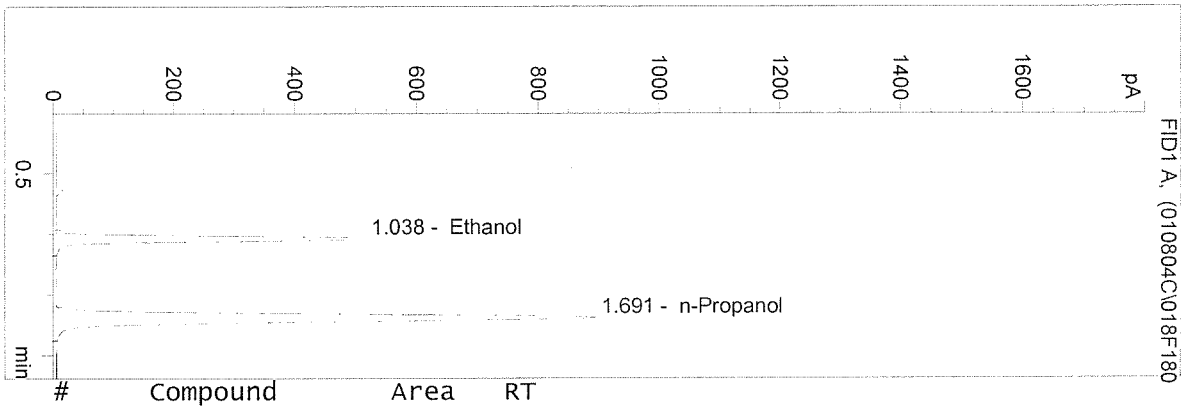
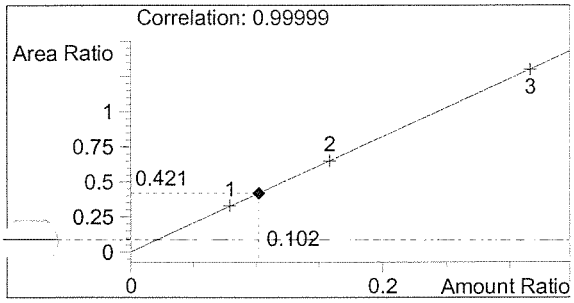
Instrument 2
DR-ALC1

03046
ED FORMOSO

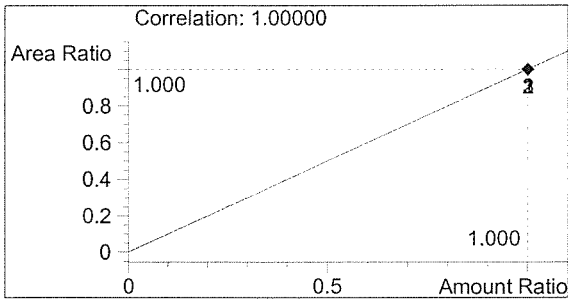
vial # 18



#	Compound	Area	RT
1	Ethanol	1587	1.038
2	n-Propanol	3769	1.691
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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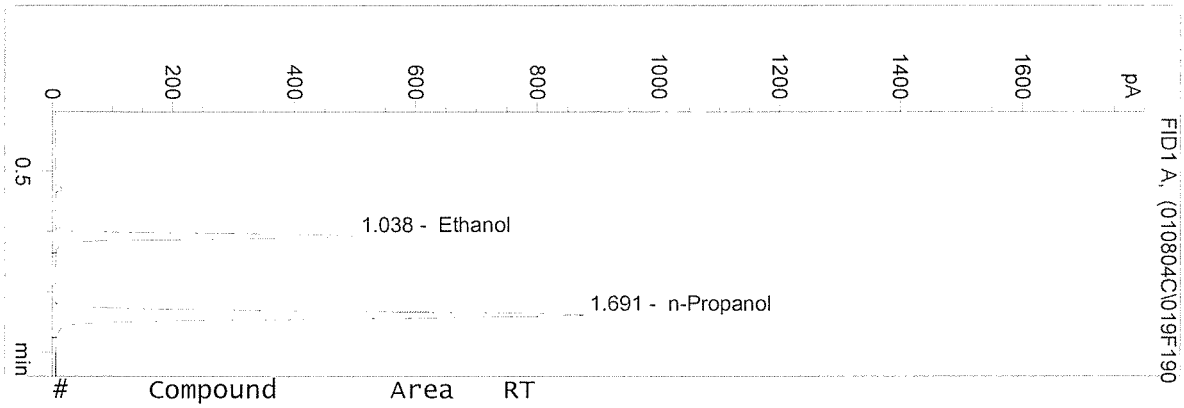
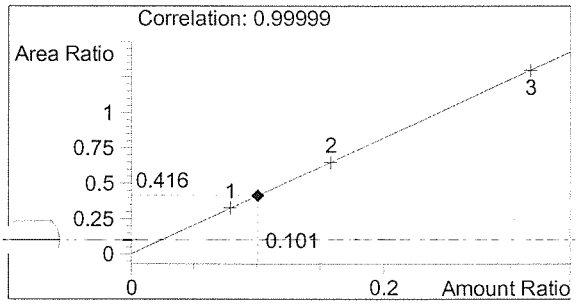
Instrument 2
DR-ALC1

03046
ED FORMOSO

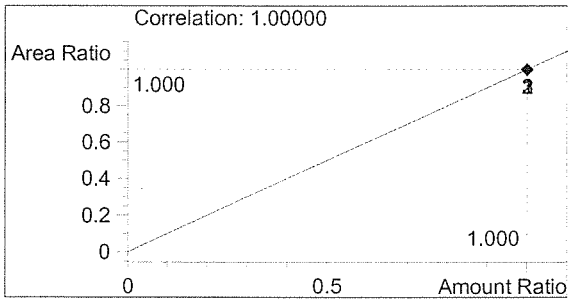
vial # 19



#	Compound	Area	RT
1	Ethanol	1542	1.038
2	n-Propanol	3705	1.691
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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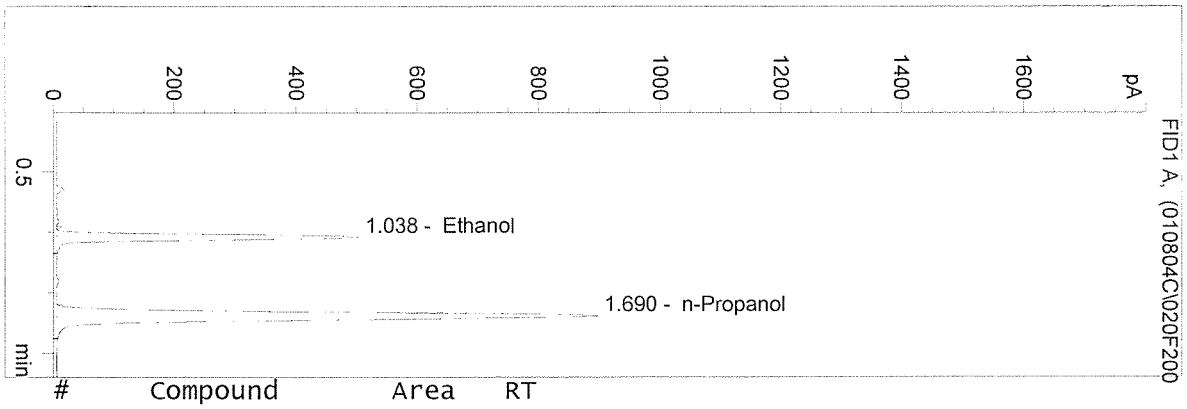
Instrument 2
DB-ALC1

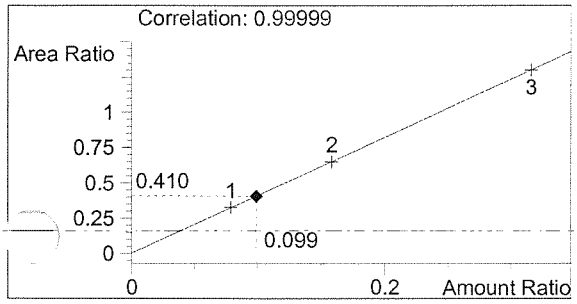
0.10 CONTROL
ED FORMOSO

vial # 20

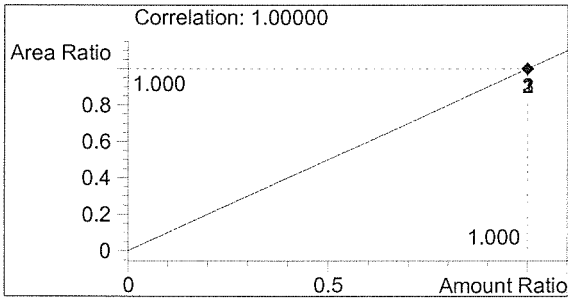


#	Compound	Area	RT
1	Ethanol	1550	1.038
2	n-Propanol	3785	1.690

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

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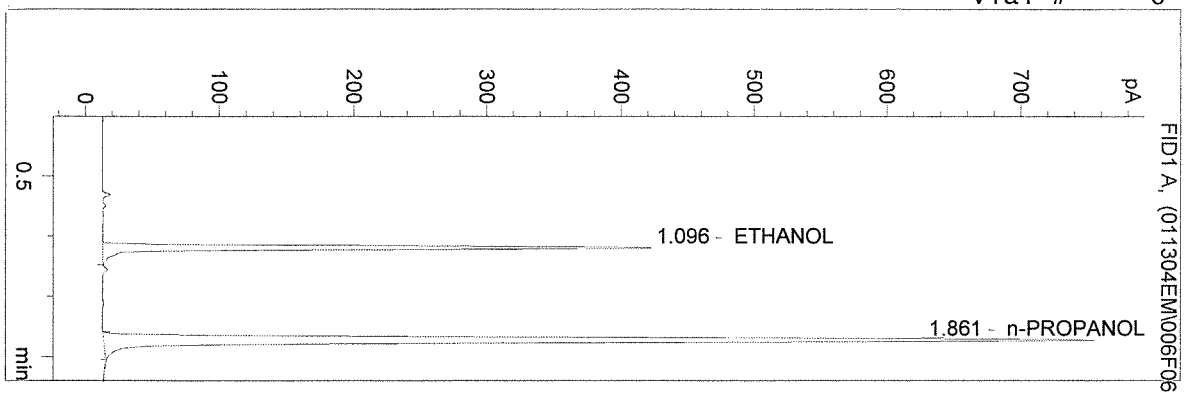
Instrument 3

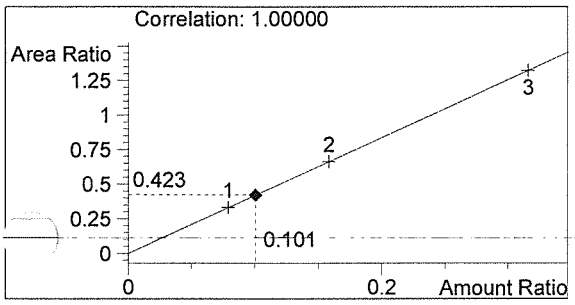
Sim. Sol. 03046
Estuardo J. Miranda

vial # 6

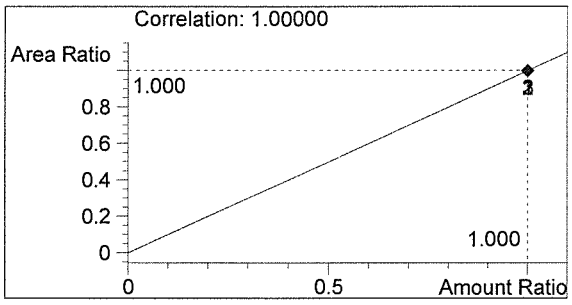


#	Compound	Area	RT
1	ETHANOL	909	1.096
2	n-PROPANOL	2147	1.861

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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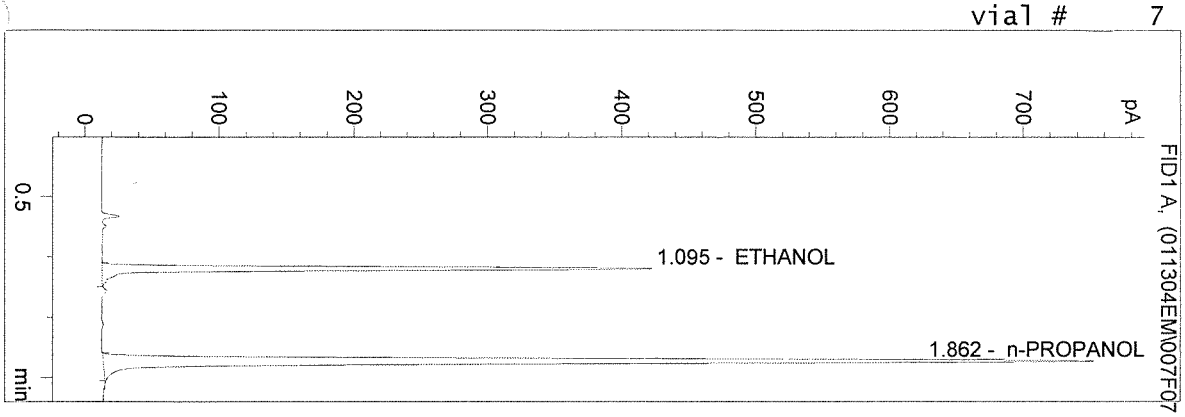
Instrument 3

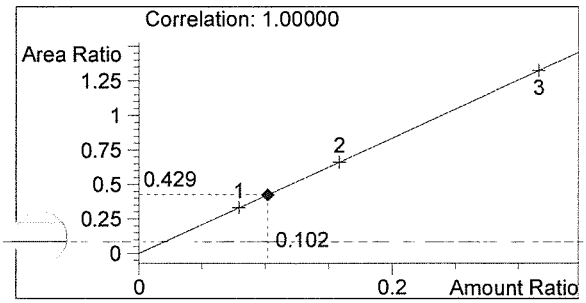
Sim. Sol. 03046
Estuardo J. Miranda

vial # 7

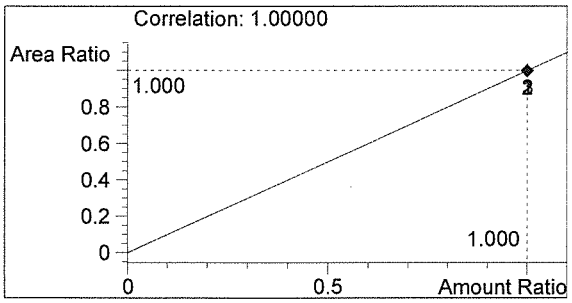


#	Compound	Area	RT
1	ETHANOL	923	1.095
2	n-PROPANOL	2151	1.862

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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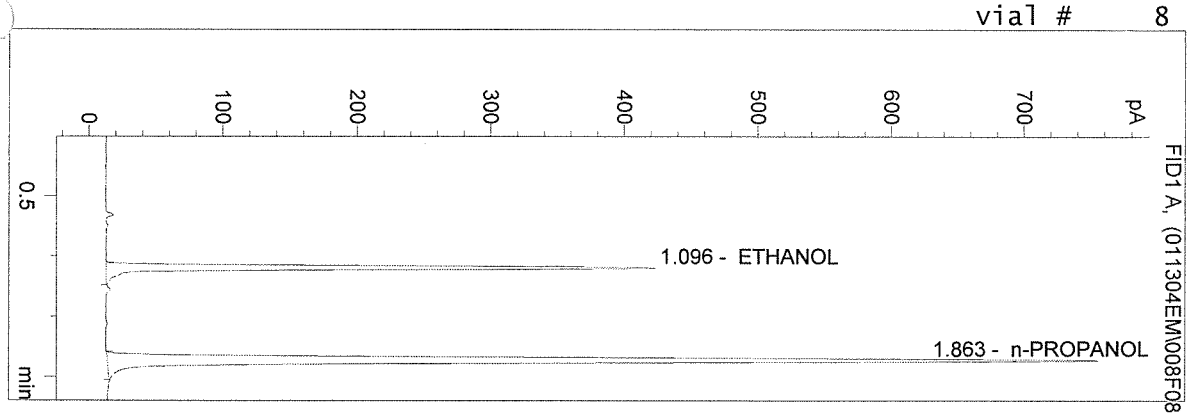
Instrument 3

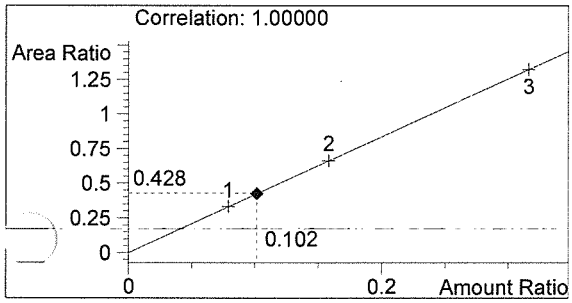
Sim. Sol. 03046
Estuardo J. Miranda

vial # 8

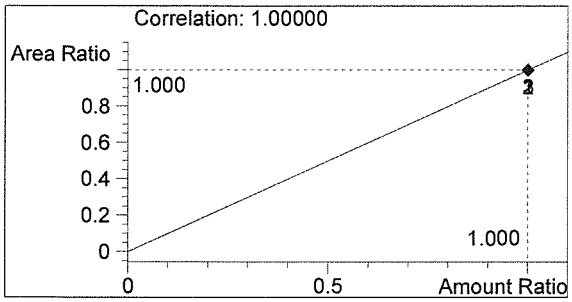


#	Compound	Area	RT
1	ETHANOL	925	1.096
2	n-PROPANOL	2163	1.863

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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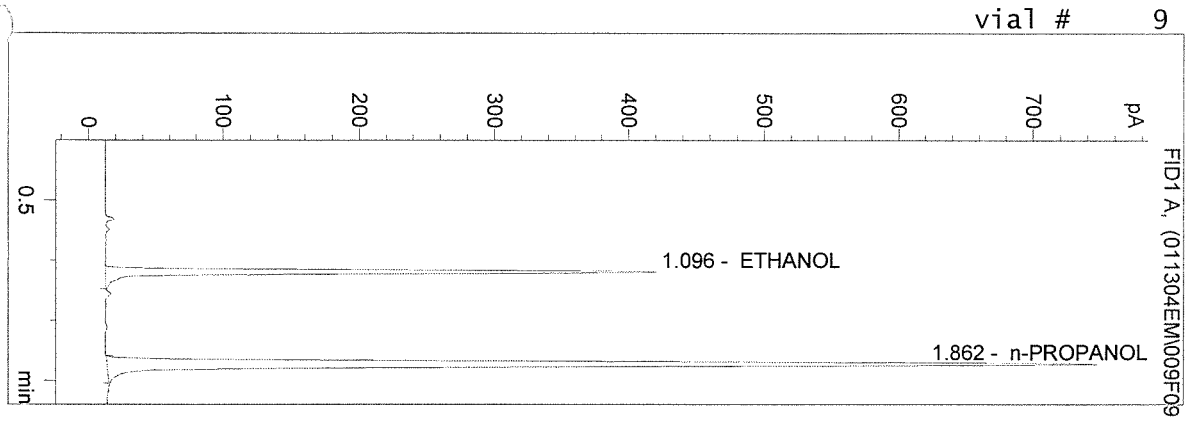
Instrument 3

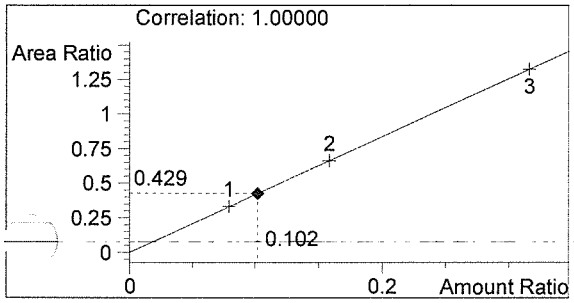
Sim. Sol. 03046
Estuardo J. Miranda

vial # 9

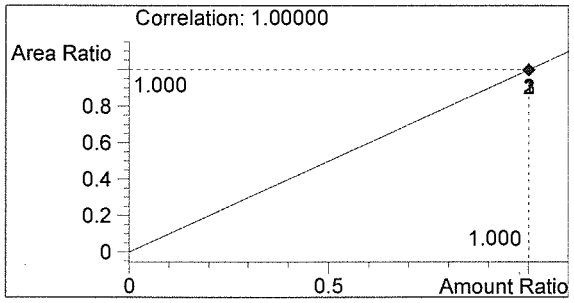


#	Compound	Area	RT
1	ETHANOL	913	1.096
2	n-PROPANOL	2130	1.862

Totals:



ETHANOL 0.102 g/100mL



n-PROPANOL 1.000 g/100mL

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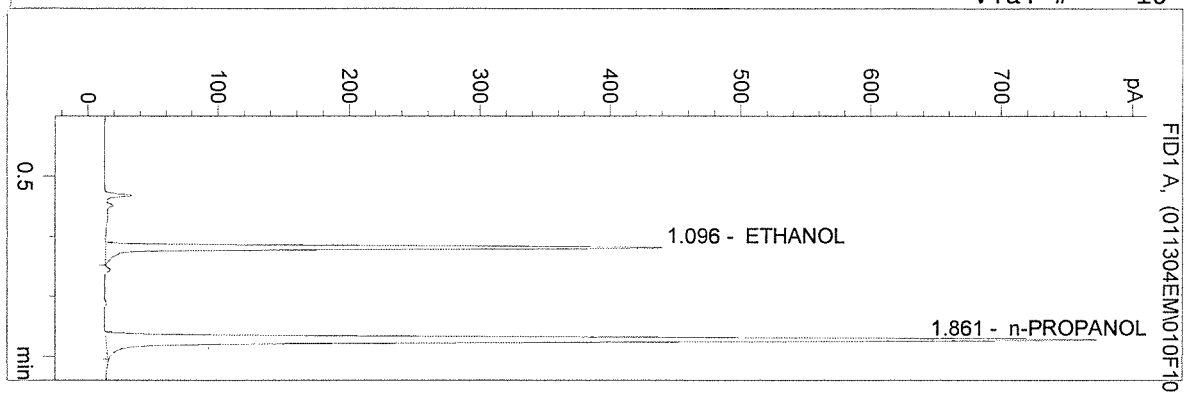
Instrument 3

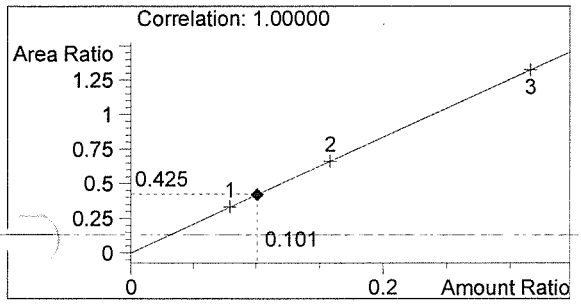
Sim. Sol. 03046
Estuardo J. Miranda

vial # 10

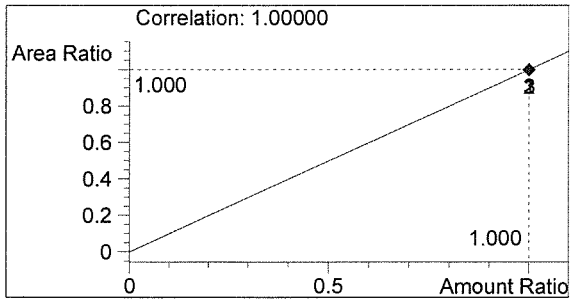


#	Compound	Area	RT
1	ETHANOL	936	1.096
2	n-PROPANOL	2202	1.861

Totals:



ETHANOL 0.101 g/100mL



n-PROPANOL 1.000 g/100mL

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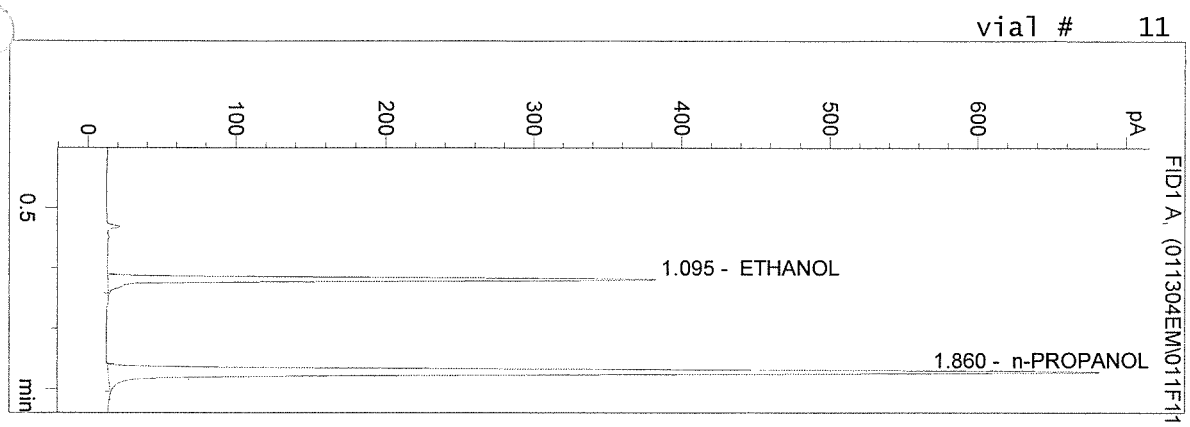
Instrument 3

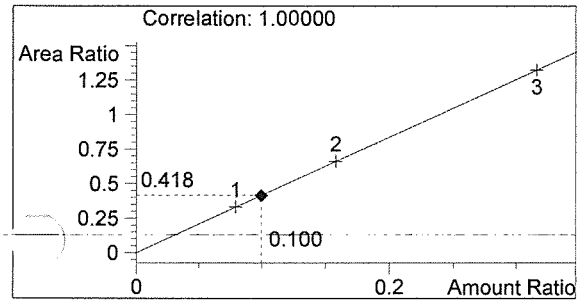
0.100 Control
Estuardo J. Miranda

vial # 11

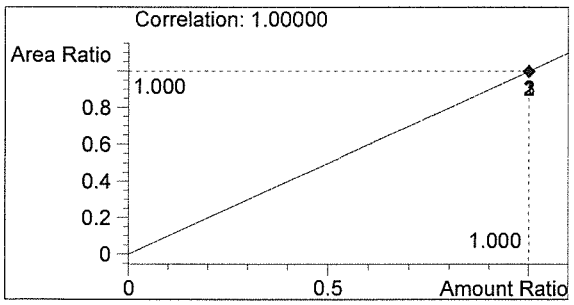


#	Compound	Area	RT
1	ETHANOL	815	1.095
2	n-PROPANOL	1947	1.860

Totals:



ETHANOL 0.100 g/100mL



n-PROPANOL 1.000 g/100mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3

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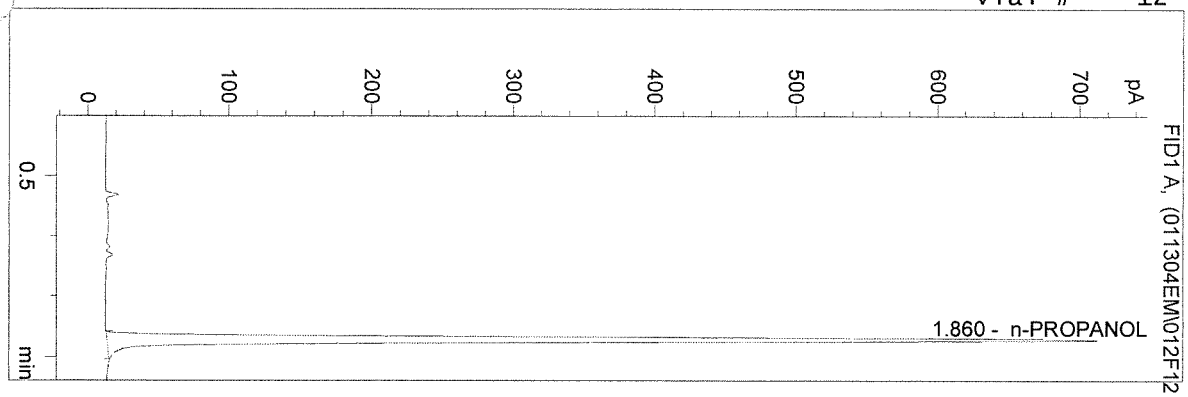
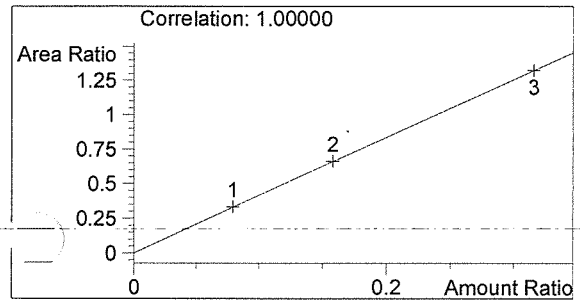
Estuardo J. Miranda

vial # 12

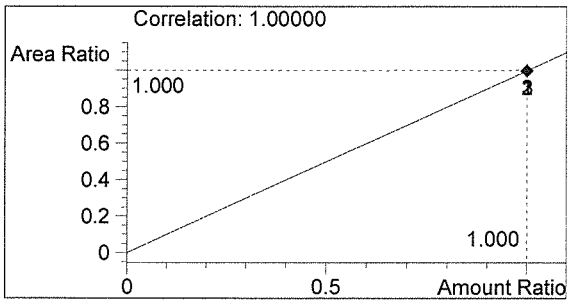


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	2042	1.860

Totals:



ETHANOL 0.000 g/100mL



n-PROPANOL 1.000 g/100mL