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 Scottsdale City, Arizona

**SCOTTSDALE POLICE DEPARTMENT  
CRIME LABORATORY  
FORENSIC BLOOD ALCOHOL FACE SHEET**

DATE: 04/03/14

SEQUENCE FILE NAME: 28Mar14RB (rerun)

Pipettor: *Hamilton MicroLab*  
Gas Chromatograph: *Perkin Elmer*

MD91JC4962     MD91JF5016  
 650N9042002     650N9042003

INTERNAL STANDARD

n-propanol 0.015% (w/v)

Lot # 022414VPV-A

CALIBRATION STANDARDS

Vial # 1      0.020 calibrator

Lot # FN092710-01

Vial # 2      0.100 calibrator

Lot # FN050312-01

Vial # 3      0.200 calibrator

Lot # FN032712-01

Vial # 4      0.400 calibrator

Lot # FN012712-01

Plot Analysis: R<sup>2</sup>= N/A

CONTROLS

Vial # 5      ISTD BLANK

Vial # 6      MIX STANDARD

Lot # 011111VPV

| <u>Vial #</u> | <u>Expected [Ethanol] g/dL</u> | <u>Measured [Ethanol] g/dL</u> | <u>Lot #</u>      |
|---------------|--------------------------------|--------------------------------|-------------------|
| <u>07</u>     | <u>0.400</u>                   | <u>N/A</u>                     | <u>05012012-C</u> |
| <u>08</u>     | <u>0.040</u>                   | <u>N/A</u>                     | <u>30112011-B</u> |
| <u>43</u>     | <u>0.202</u>                   | <u>DNR</u>                     | <u>1212091</u>    |
| <u>44</u>     | <u>0.202</u>                   | <u>DNR</u>                     | <u>1212091</u>    |
| <u>45</u>     | <u>0.150</u>                   | <u>DNR</u>                     | <u>11012012-C</u> |
| <u>46</u>     | <u>0.080</u>                   | <u>DNR</u>                     | <u>14112011-A</u> |
| <u>83</u>     | <u>0.400</u>                   | <u>DNR</u>                     | <u>05012012-C</u> |
| <u>84</u>     | <u>0.040</u>                   | <u>DNR</u>                     | <u>30112011-B</u> |

Notes: 35 subjects (re-analysis of remaining 11 subjects added to '09Apr14')  
04/03/14 – re-pipetted first 35 subjects of batch '28Mar14', observed instrument through vial 23  
– flame for column A not lit resulting in no useable data – see '28Mar14RB (rerun2)'

VALIDATED RESULTS: PS DM63 04/03/14  
 Analyst

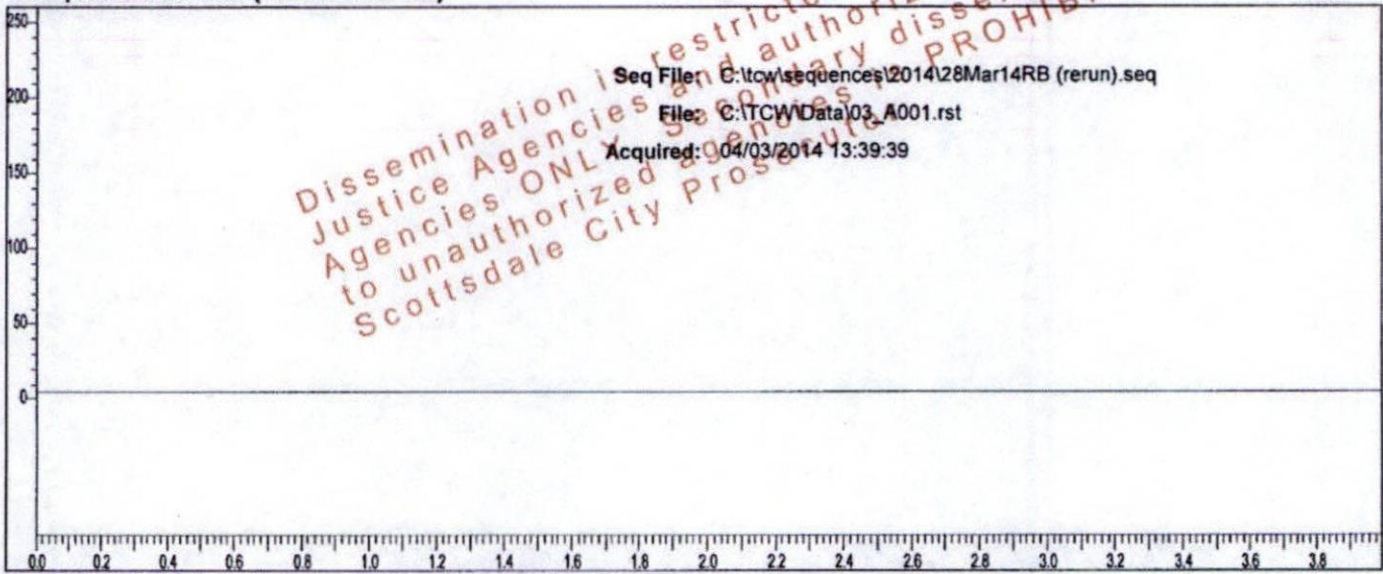
Technical Reviewer

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.020 Cal (FN092710-01)

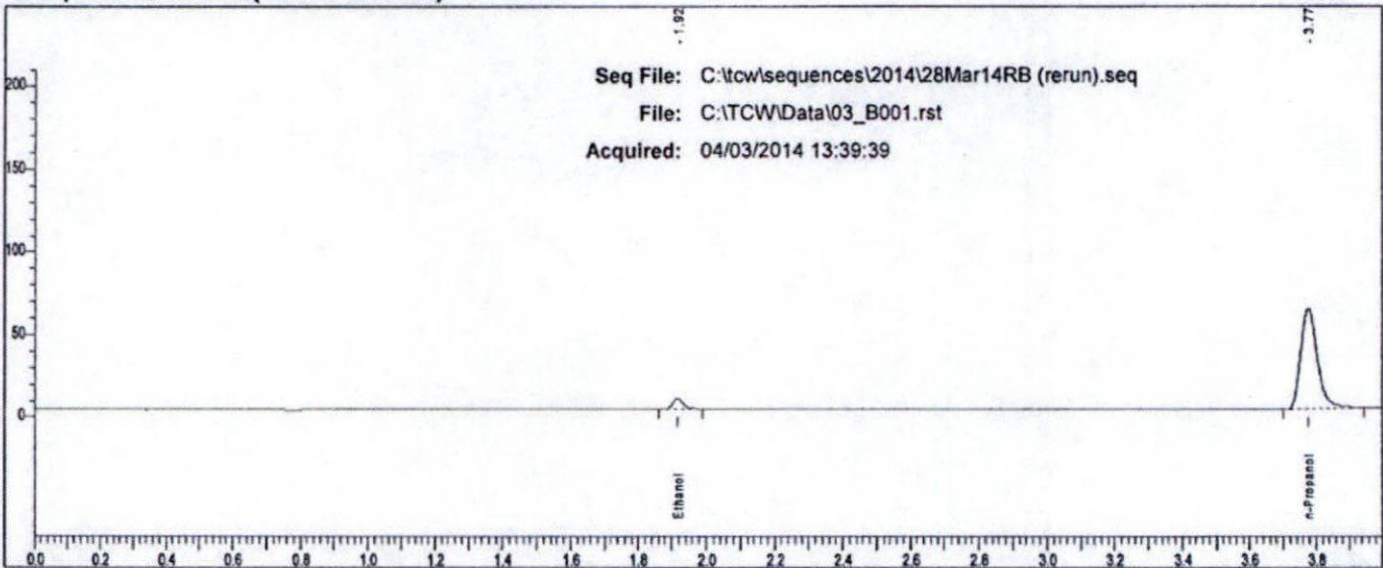
Vial#: 1



| Rt | Area | Peak |
|----|------|------|
|----|------|------|

Sample: 0.020 Cal (FN092710-01)

Vial#: 1



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.915 | 13208  | Ethanol    |
| 3.775 | 214369 | n-Propanol |

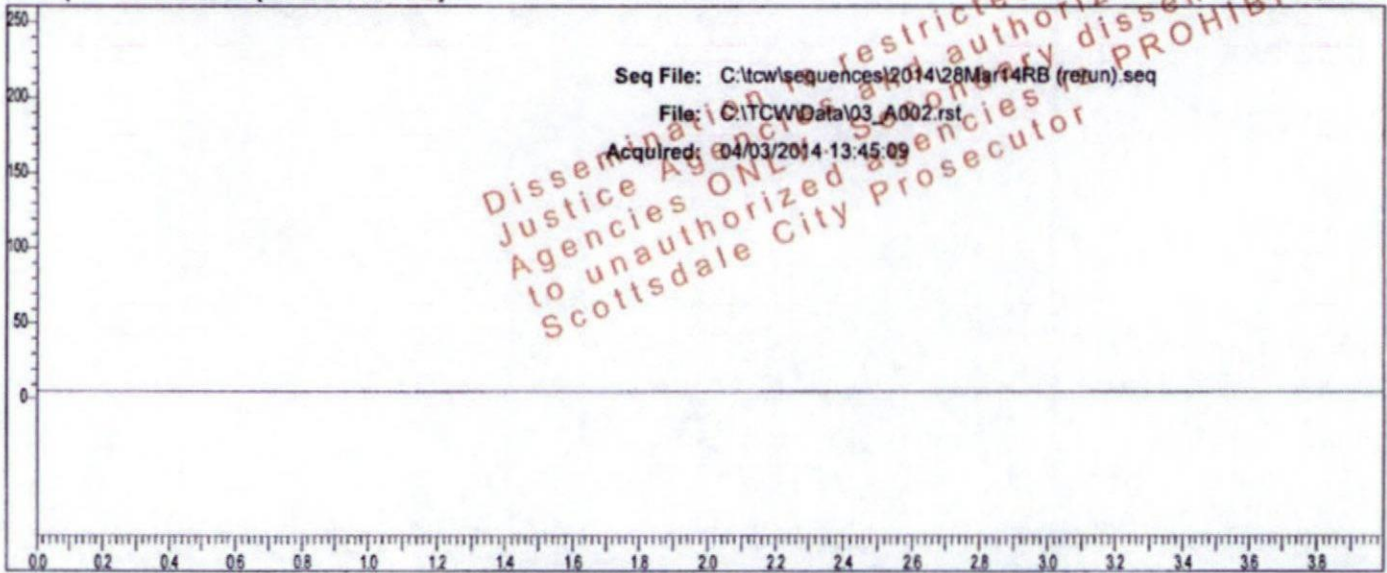
RB

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.100 Cal (FN050312-01)

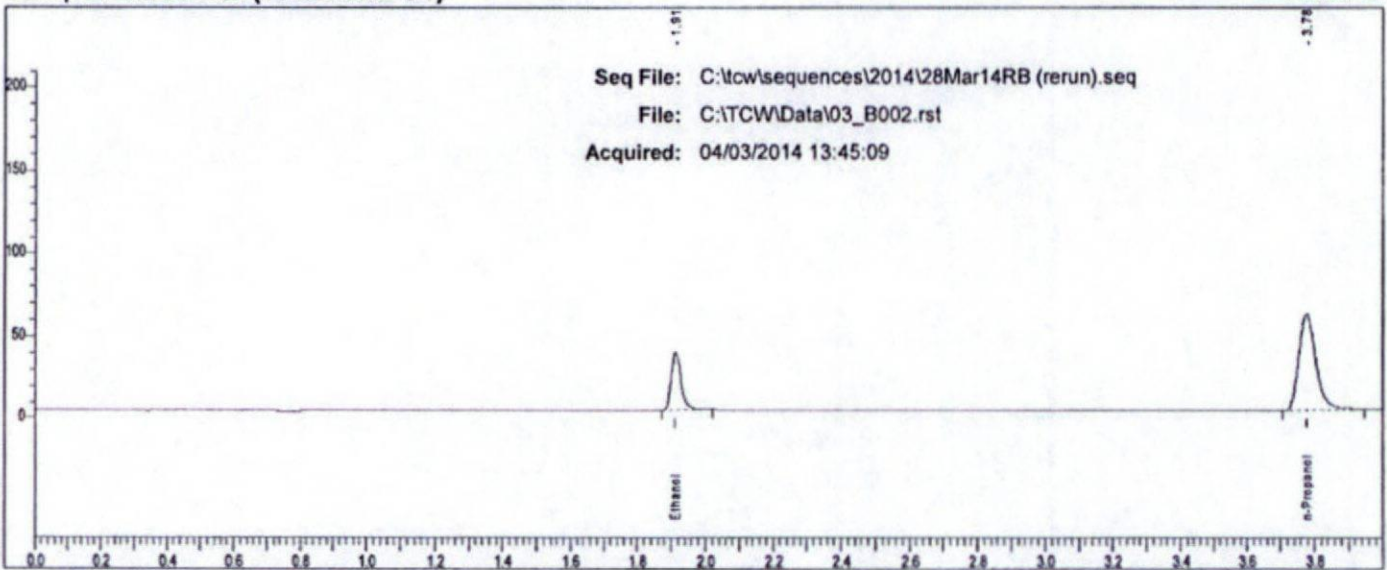
Vial#: 2



| Rt | Area | Peak |
|----|------|------|
|----|------|------|

Sample: 0.100 Cal (FN050312-01)

Vial#: 2



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.912 | 72388  | Ethanol    |
| 3.775 | 205375 | n-Propanol |

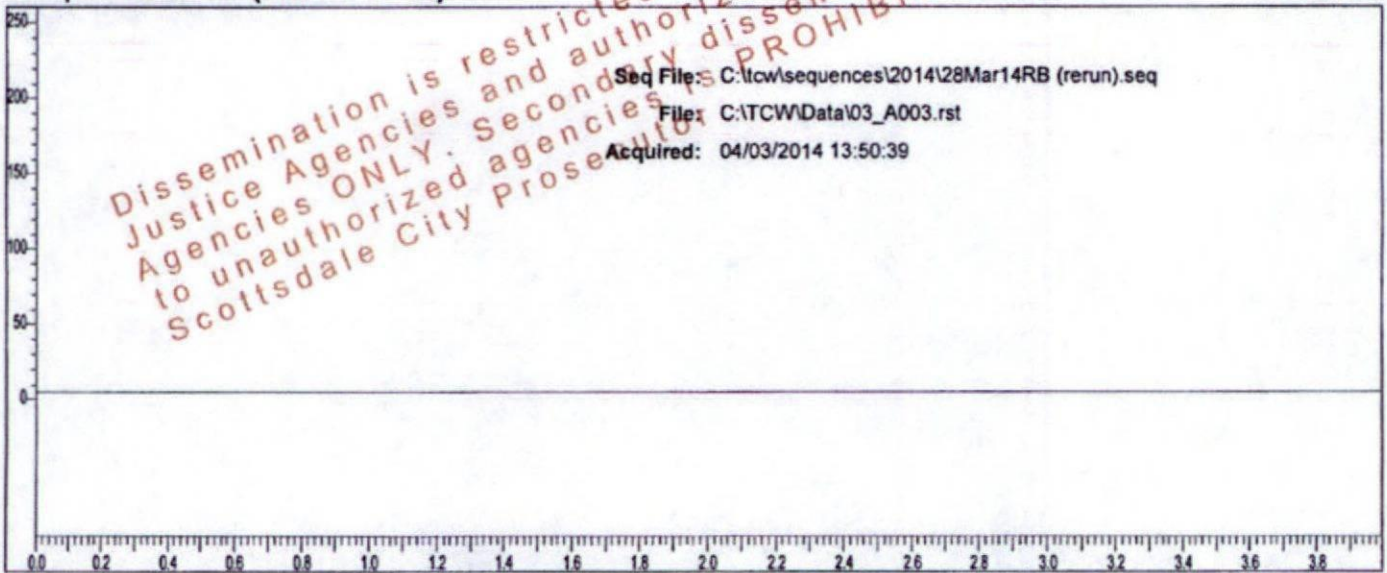
CB

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.200 Cal (FN032712-01)

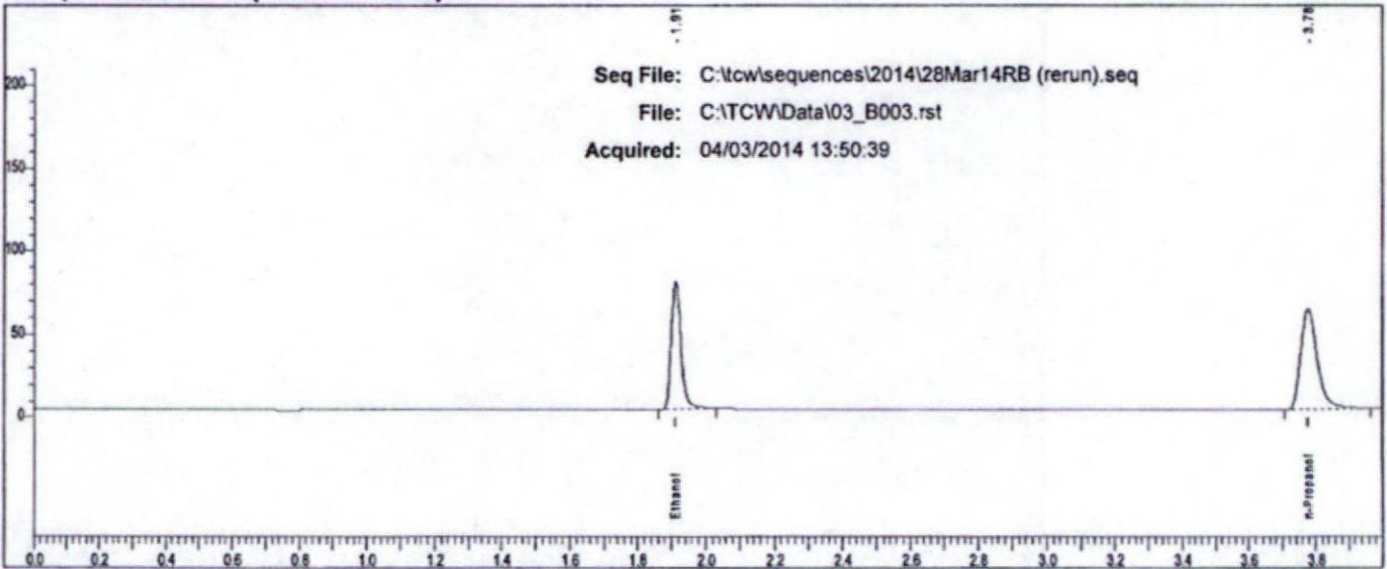
Vial#: 3



| Rt | Area | Peak |
|----|------|------|
|----|------|------|

Sample: 0.200 Cal (FN032712-01)

Vial#: 3



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.911 | 153827 | Ethanol    |
| 3.776 | 214153 | n-Propanol |

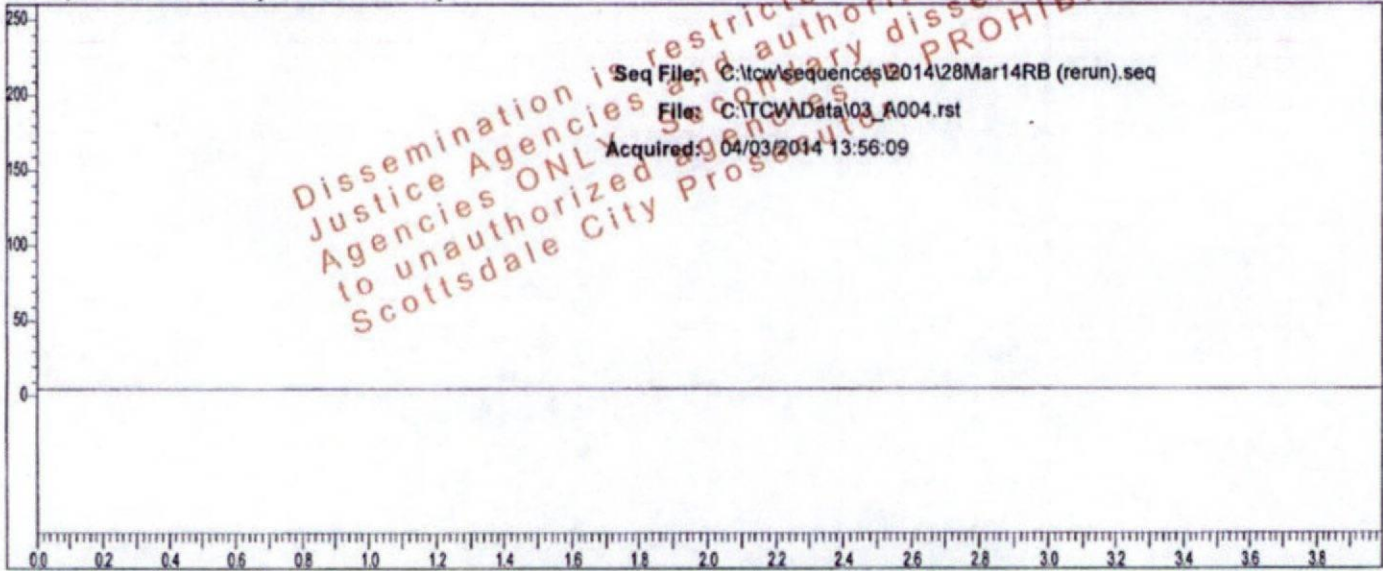
CS

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.400 Cal (FN012712-01)

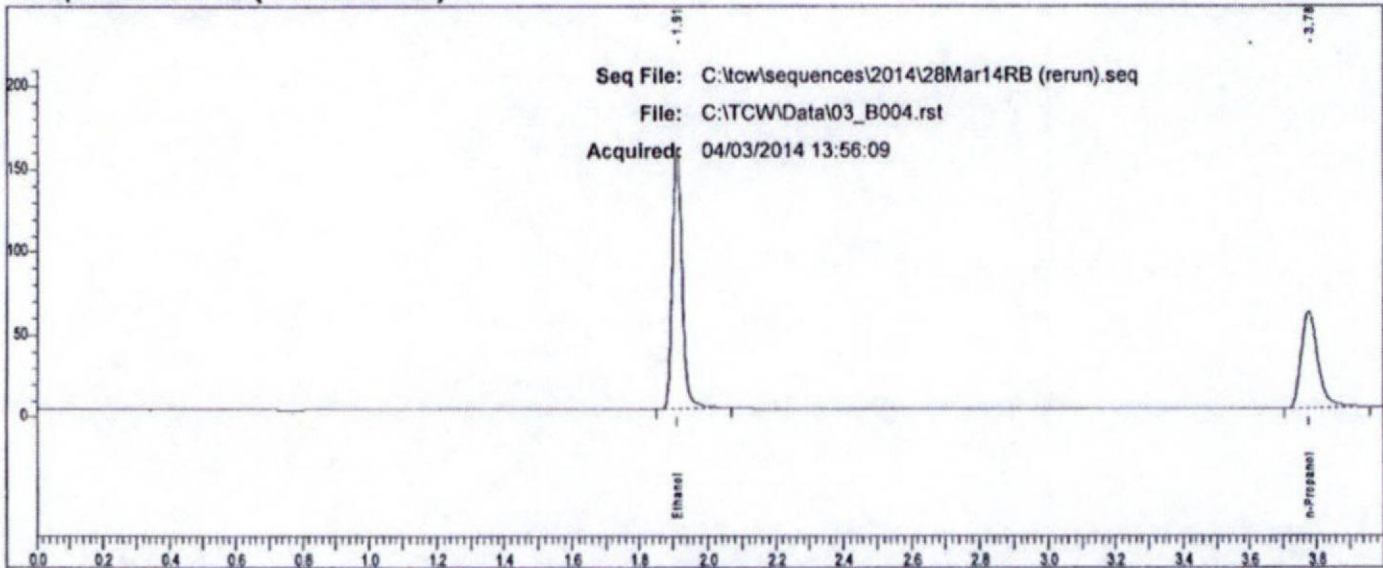
Vial#: 4



| Rt | Area | Peak |
|----|------|------|
|----|------|------|

Sample: 0.400 Cal (FN012712-01)

Vial#: 4



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.910 | 312953 | Ethanol    |
| 3.776 | 208263 | n-Propanol |

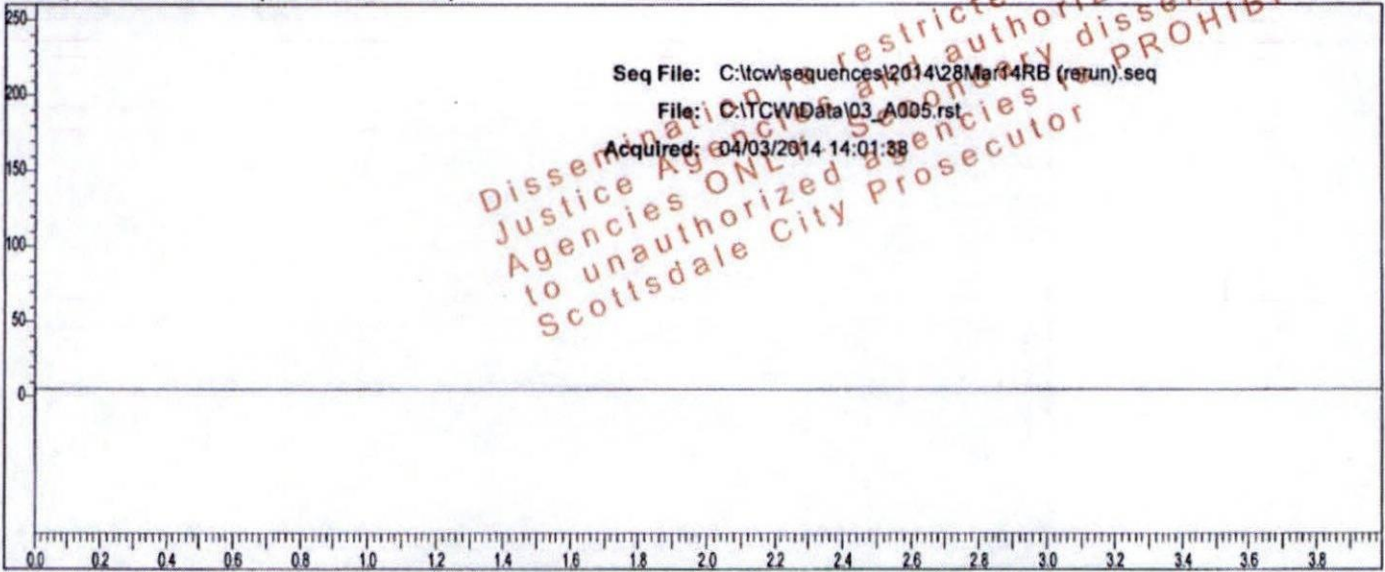
ES

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: Blank QC (022414VPV-A)

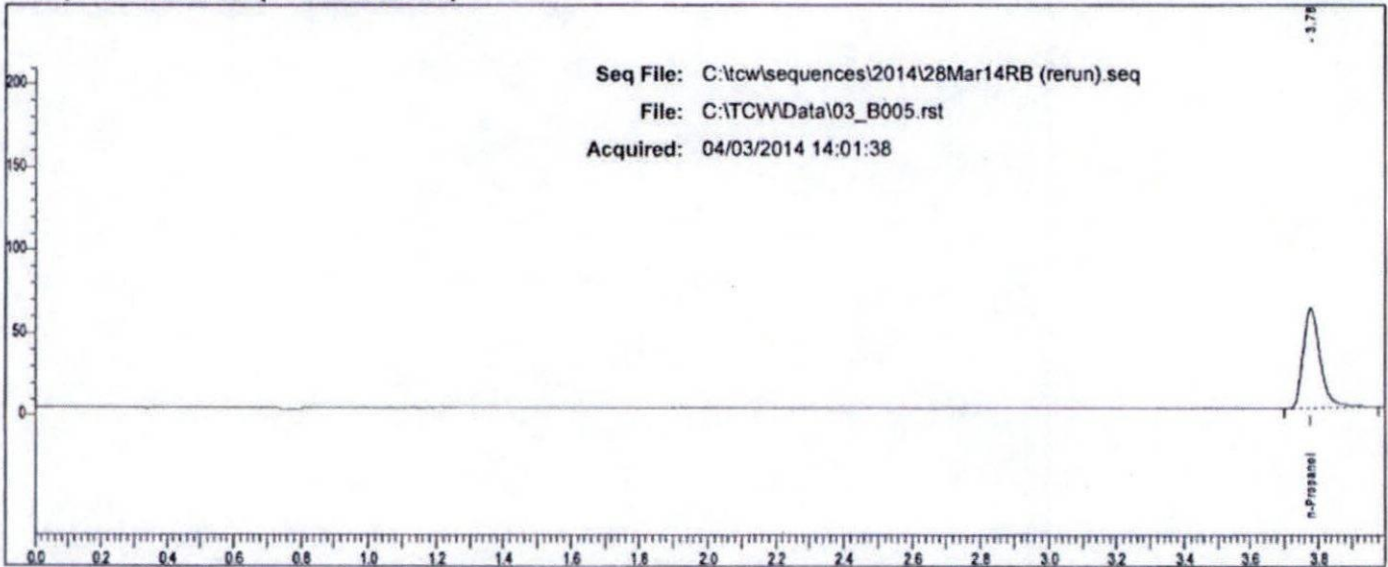
Vial#: 5



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: Blank QC (022414VPV-A)

Vial#: 5



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 3.777 | 212006 | n-Propanol |

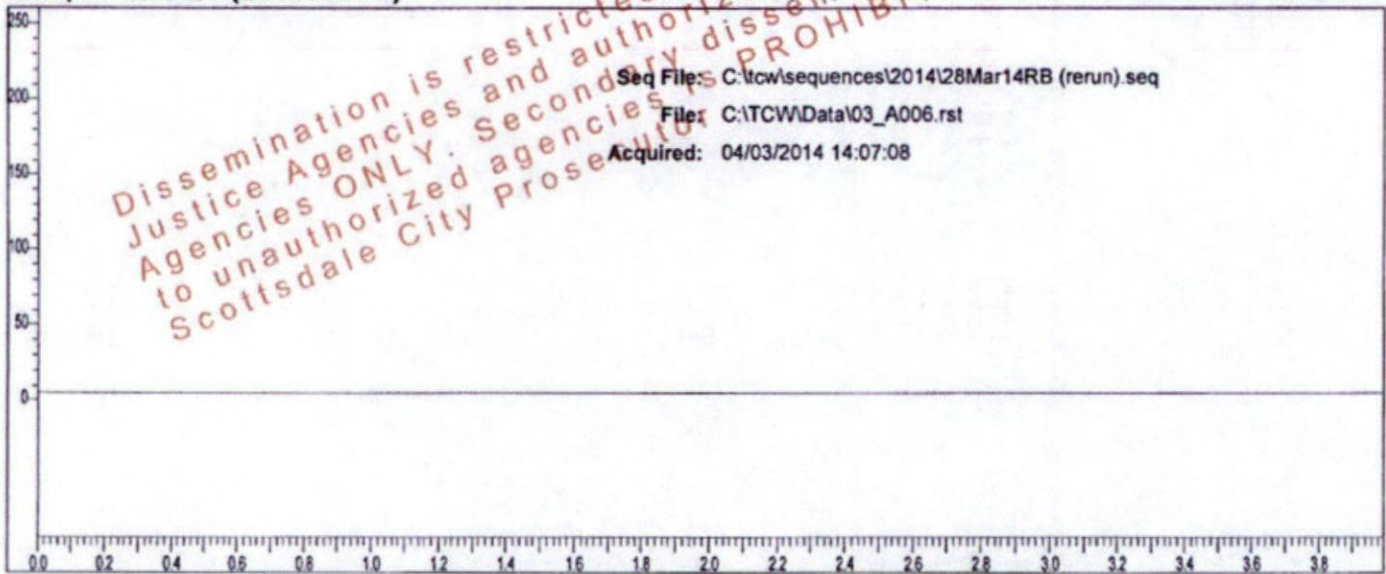
RB

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: Mix QC (011111VPV)

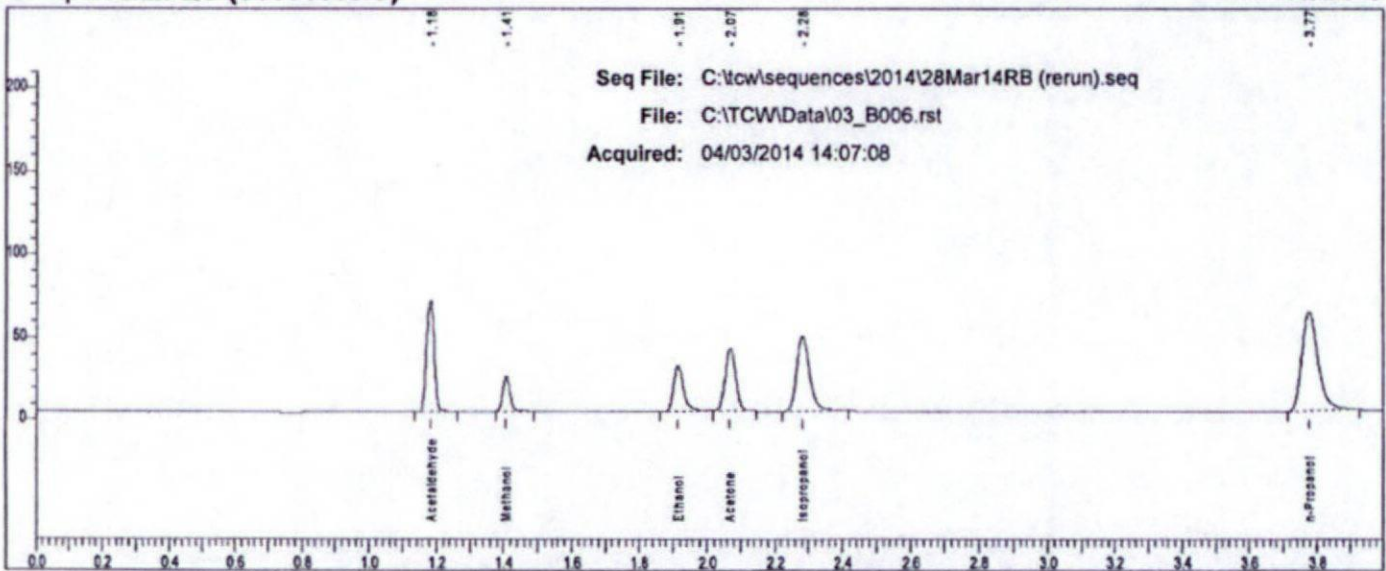
Vial#: 6



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: Mix QC (011111VPV)

Vial#: 6



| Rt    | Area   | Peak         |
|-------|--------|--------------|
| 1.183 | 105733 | Acetaldehyde |
| 1.408 | 31984  | Methanol     |
| 1.913 | 60250  | Ethanol      |
| 2.068 | 84575  | Acetone      |
| 2.281 | 122024 | Isopropanol  |
| 3.775 | 208401 | n-Propanol   |

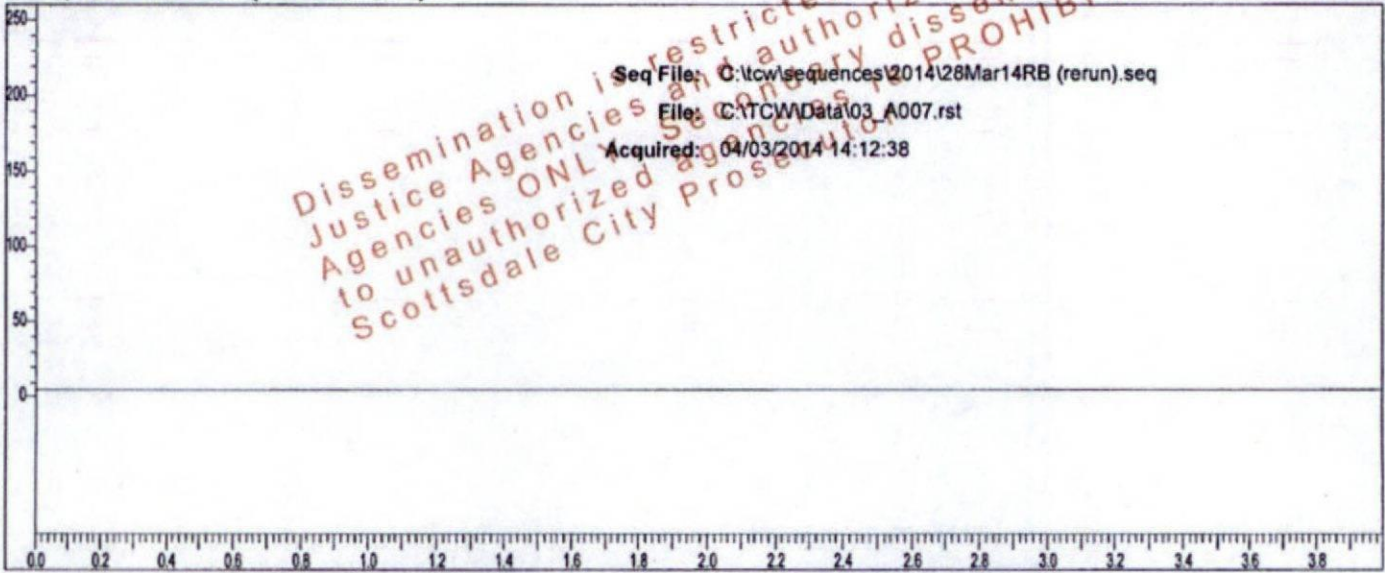
LB

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.400 QC (05012012-C)

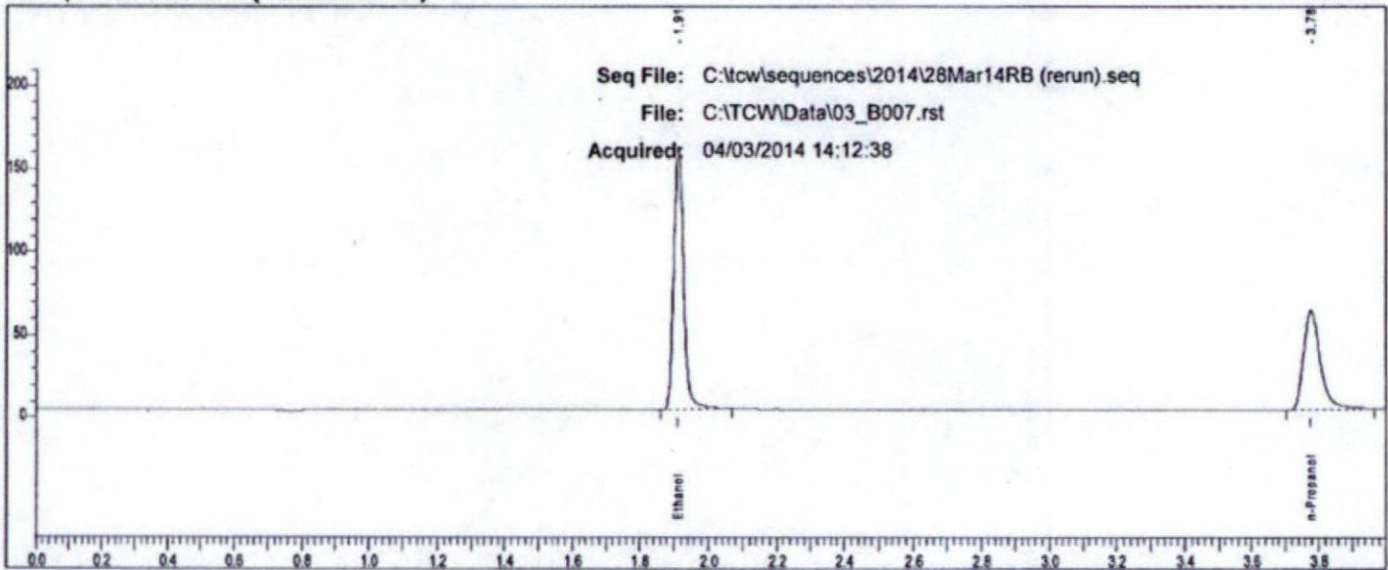
Vial#: 7



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: 0.400 QC (05012012-C)

Vial#: 7



| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.912 | 314673 | Ethanol    |
| 3.777 | 210385 | n-Propanol |

CS

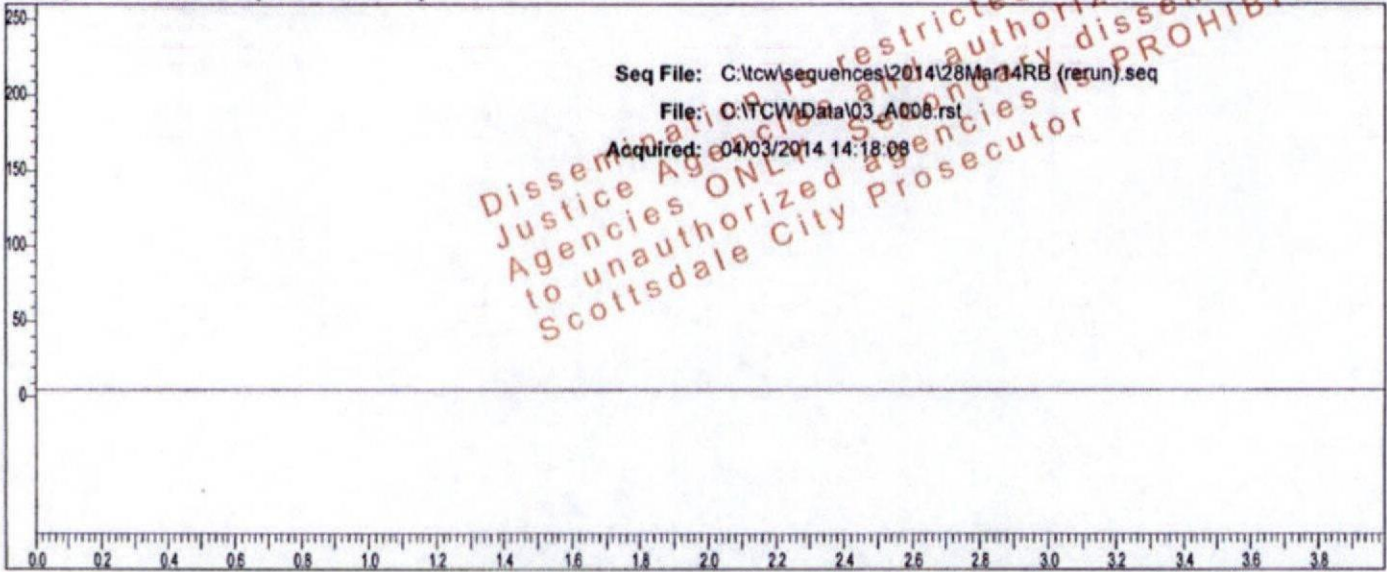


# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: 0.040 QC (30112011-B)

Vial#: 8



Seq File: C:\tcw\sequences\2014\28Mar14RB (rerun).seq

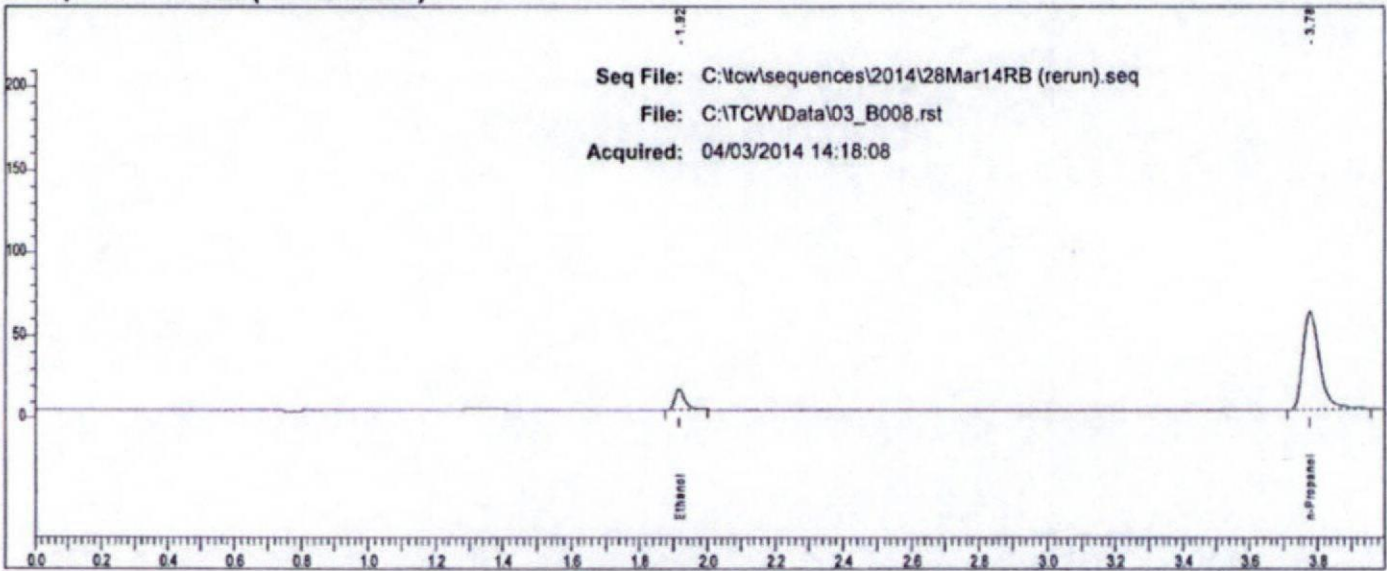
File: C:\TCW\Data\03\_A008.rst

Acquired: 04/03/2014 14:18:08

| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: 0.040 QC (30112011-B)

Vial#: 8



Seq File: C:\tcw\sequences\2014\28Mar14RB (rerun).seq

File: C:\TCW\Data\03\_B008.rst

Acquired: 04/03/2014 14:18:08

| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.916 | 26595  | Ethanol    |
| 3.777 | 208697 | n-Propanol |

PS

TotalChrom Sequence File C:\tcw\sequences\2014\28Mar14RB (rerun).seq

Printed by : Manager on: 4/3/2014 3:54:27 PM  
 Created by : Manager on: 4/3/2014 12:27:38 PM  
 Edited by : Manager on: 4/3/2014 12:27:38 PM  
 Number of Times Edited : 0

Description:

**Sequence File Header Information:**

Number of Rows : 85  
 Instrument Type : PE AutoSystem GC  
 Injection Type : SINGLE  
 Raw tokens channel A :  
 Result tokens channel A :  
 Modified tokens channel A :  
 Raw tokens channel B :  
 Result tokens channel B :  
 Modified tokens channel B :

**Sequence Sample Descriptions - Channel A**

| Row | Type        | Name                     | Number |
|-----|-------------|--------------------------|--------|
| 1   | Cal:Replace | 0.020 Cal (FN092710-01)  | 001    |
| 2   | Cal:Replace | 0.100 Cal (FN050312-01)  | 002    |
| 3   | Cal:Replace | 0.200 Cal (FN032712-01)  | 003    |
| 4   | Cal:Replace | 0.400 Cal (FN012712-01)  | 004    |
| 5   | Blank       | Blank QC (022414VPV-A)   | 005    |
| 6   | Ctrl Sample | Mix QC (011111VPV)       | 006    |
| 7   | Ctrl Sample | 0.400 QC (05012012-C)    | 007    |
| 8   | Ctrl Sample | 0.040 QC (30112011-B)    | 008    |
| 9   | Sample      | L14-03 [REDACTED]        | 009    |
| 10  | Sample      | L14-03 [REDACTED]        | 010    |
| 11  | Sample      | L14-03 [REDACTED]        | 011    |
| 12  | Sample      | L14-03 [REDACTED]        | 012    |
| 13  | Sample      | L14-03 [REDACTED]        | 013    |
| 14  | Sample      | L14-03 [REDACTED]        | 014    |
| 15  | Sample      | L14-03 [REDACTED]        | 015    |
| 16  | Sample      | L14-03 [REDACTED]        | 016    |
| 17  | Sample      | L14-03 [REDACTED]        | 017    |
| 18  | Sample      | L14-03 [REDACTED]        | 018    |
| 19  | Sample      | L14-03 [REDACTED]        | 019    |
| 20  | Sample      | L14-03 [REDACTED]        | 020    |
| 21  | Sample      | L14-03 [REDACTED]        | 021    |
| 22  | Sample      | L14-03 [REDACTED]        | 022    |
| 23  | Sample      | L14-03 [REDACTED]        | 023    |
| 24  | Sample      | L14-03 [REDACTED]        | 024    |
| 25  | Sample      | L14-03 [REDACTED]        | 025    |
| 26  | Sample      | L14-03 [REDACTED]        | 026    |
| 27  | Sample      | L14-03 [REDACTED]        | 027    |
| 28  | Sample      | L14-03 [REDACTED]        | 028    |
| 29  | Sample      | L14-03 [REDACTED]        | 029    |
| 30  | Sample      | L14-03 [REDACTED]        | 030    |
| 31  | Sample      | L14-03 [REDACTED]        | 031    |
| 32  | Sample      | L14-03 [REDACTED]        | 032    |
| 33  | Sample      | L14-03 [REDACTED]        | 033    |
| 34  | Sample      | L14-03 [REDACTED]        | 034    |
| 35  | Sample      | L14-03 [REDACTED]        | 035    |
| 36  | Sample      | L14-03 [REDACTED]        | 036    |
| 37  | Sample      | L14-03 [REDACTED]        | 037    |
| 38  | Sample      | L14-03 [REDACTED]        | 038    |
| 39  | Sample      | L14-03 [REDACTED]        | 039    |
| 40  | Sample      | L14-03 [REDACTED]        | 040    |
| 41  | Sample      | L14-03 [REDACTED]        | 041    |
| 42  | Sample      | L14-03 [REDACTED]        | 042    |
| 43  | Ctrl Sample | 0.202 Blood QC (1212091) | 043    |
| 44  | Ctrl Sample | 0.202 Blood QC (1212091) | 044    |
| 45  | Ctrl Sample | 0.150 QC (11012012-C)    | 045    |
| 46  | Ctrl Sample | 0.080 QC (14112011-A)    | 046    |
| 47  | Sample      | L14-03 [REDACTED]        | 047    |
| 48  | Sample      | L14-03 [REDACTED]        | 048    |
| 49  | Sample      | L14-03 [REDACTED]        | 049    |
| 50  | Sample      | L14-03 [REDACTED]        | 050    |
| 51  | Sample      | L14-03 [REDACTED]        | 051    |
| 52  | Sample      | L14-03 [REDACTED]        | 052    |
| 53  | Sample      | L14-03 [REDACTED]        | 053    |
| 54  | Sample      | L14-03 [REDACTED]        | 054    |
| 55  | Sample      | L14-03 [REDACTED]        | 055    |
| 56  | Sample      | L14-03 [REDACTED]        | 056    |
| 57  | Sample      | L14-03 [REDACTED]        | 057    |

Sequence Sample Descriptions - Channel A

| Row | Type        | Name                    | Number |
|-----|-------------|-------------------------|--------|
| 58  | Sample      | L14-03 [REDACTED]       | 058    |
| 59  | Sample      | L14-03 [REDACTED]       | 059    |
| 60  | Sample      | L14-03 [REDACTED]       | 060    |
| 61  | Sample      | L14-03 [REDACTED]       | 061    |
| 62  | Sample      | L14-03 [REDACTED]       | 062    |
| 63  | Sample      | L14-03 [REDACTED]       | 063    |
| 64  | Sample      | L14-03 [REDACTED]       | 064    |
| 65  | Sample      | L14-03 [REDACTED]       | 065    |
| 66  | Sample      | L14-03 [REDACTED]       | 066    |
| 67  | Sample      | L14-03 [REDACTED]       | 067    |
| 68  | Sample      | L14-03 [REDACTED]       | 068    |
| 69  | Sample      | L14-03 [REDACTED]       | 069    |
| 70  | Sample      | L14-03 [REDACTED]       | 070    |
| 71  | Sample      | L14-03 [REDACTED]       | 071    |
| 72  | Sample      | L14-03 [REDACTED]       | 072    |
| 73  | Sample      | L14-03 [REDACTED]       | 073    |
| 74  | Sample      | L14-03 [REDACTED]       | 074    |
| 75  | Sample      | L14-03 [REDACTED]       | 075    |
| 76  | Sample      | L14-03 [REDACTED]       | 076    |
| 77  | Sample      | L14-03 [REDACTED]       | 077    |
| 78  | Sample      | L14-03 [REDACTED]       | 078    |
| 79  | Sample      | L14-03 [REDACTED]       | 079    |
| 80  | Sample      | L14-03 [REDACTED]       | 080    |
| 81  | Sample      | L14-03 [REDACTED]       | 081    |
| 82  | Sample      | L14-03 [REDACTED]       | 082    |
| 83  | Ctrl Sample | 0.400 QC (05012012-C)   | 083    |
| 84  | Ctrl Sample | 0.040 QC (30112011-B)   | 084    |
| 85  | Blank       | End (flames turned off) | 085    |

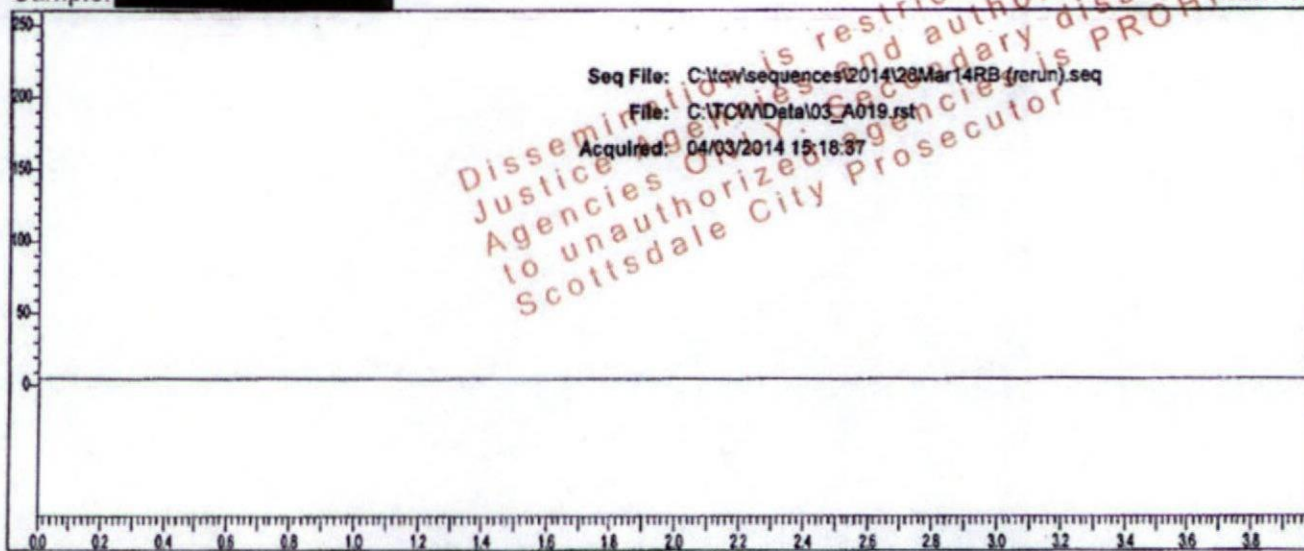
*fb*  
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Justice Agencies and authorized Non-C.J.  
Agencies ONLY. Secondary dissemination  
to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

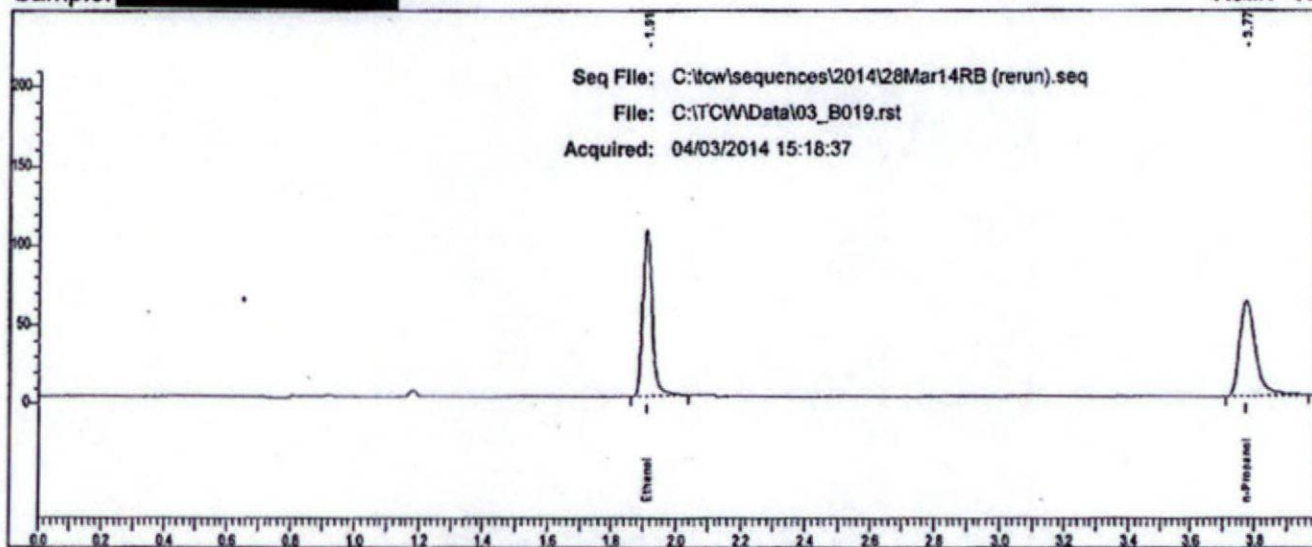
Vial#: 19



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: [redacted]

Vial#: 19



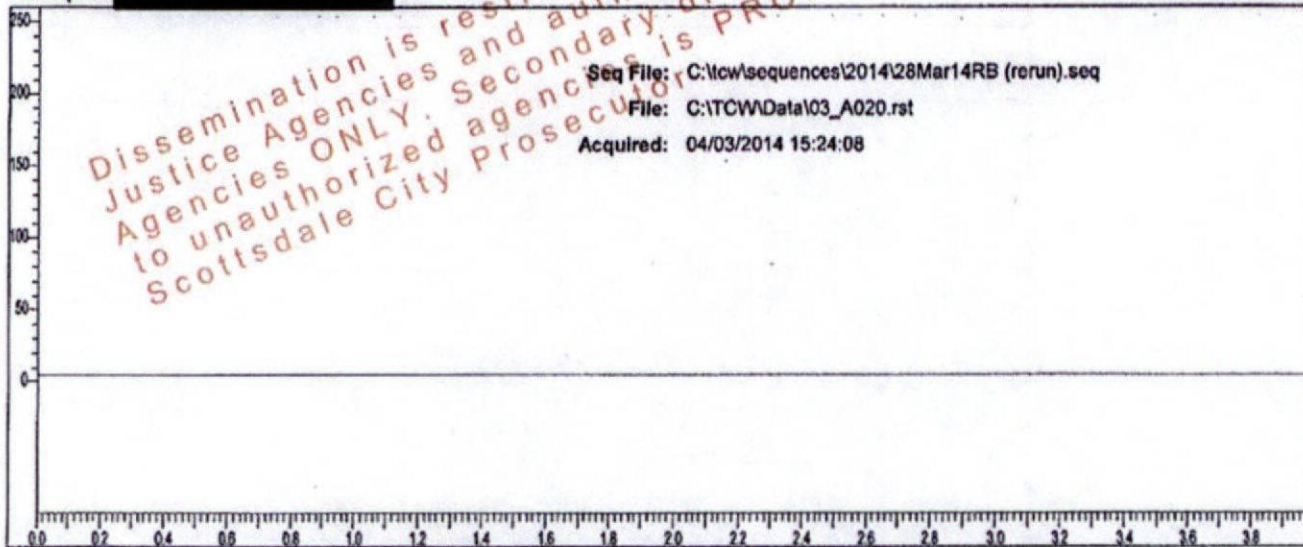
| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.909 | 210777 | Ethanol    |
| 3.773 | 212794 | n-Propanol |

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: [REDACTED]

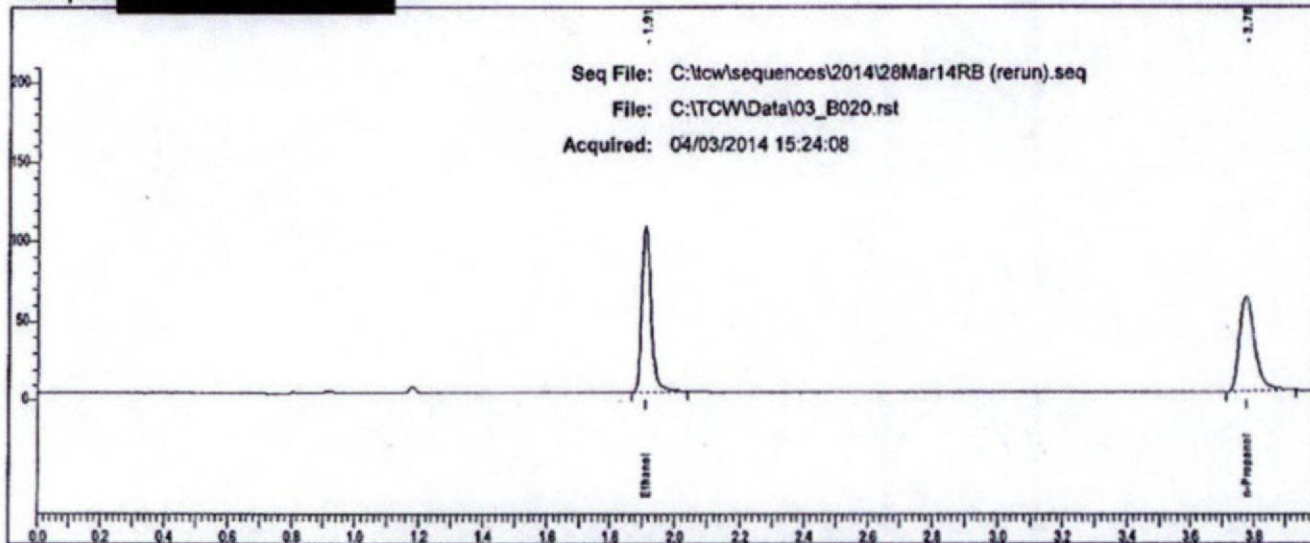
Vial#: 20



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: [REDACTED]

Vial#: 20



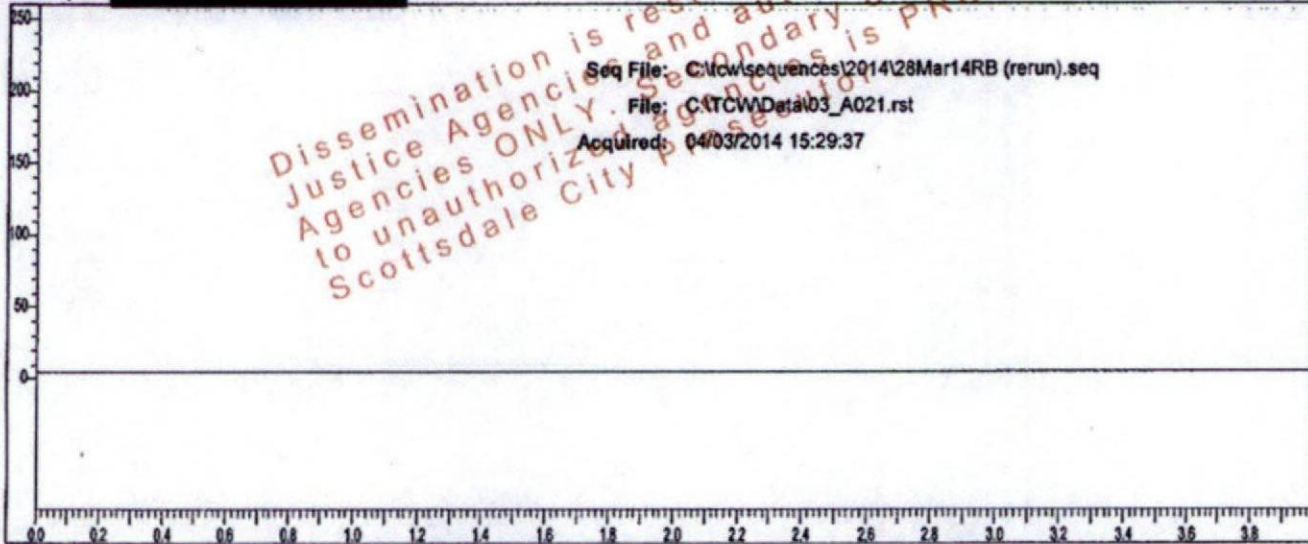
| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.910 | 212756 | Ethanol    |
| 3.775 | 211611 | n-Propanol |

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

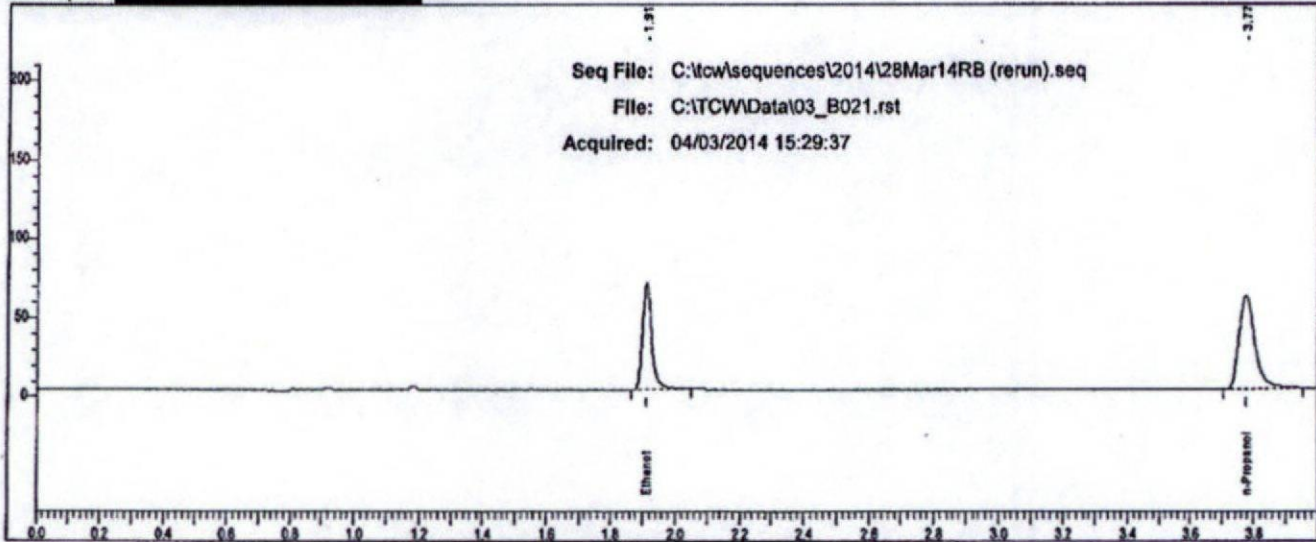
Vial#: 21



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: [redacted]

Vial#: 21



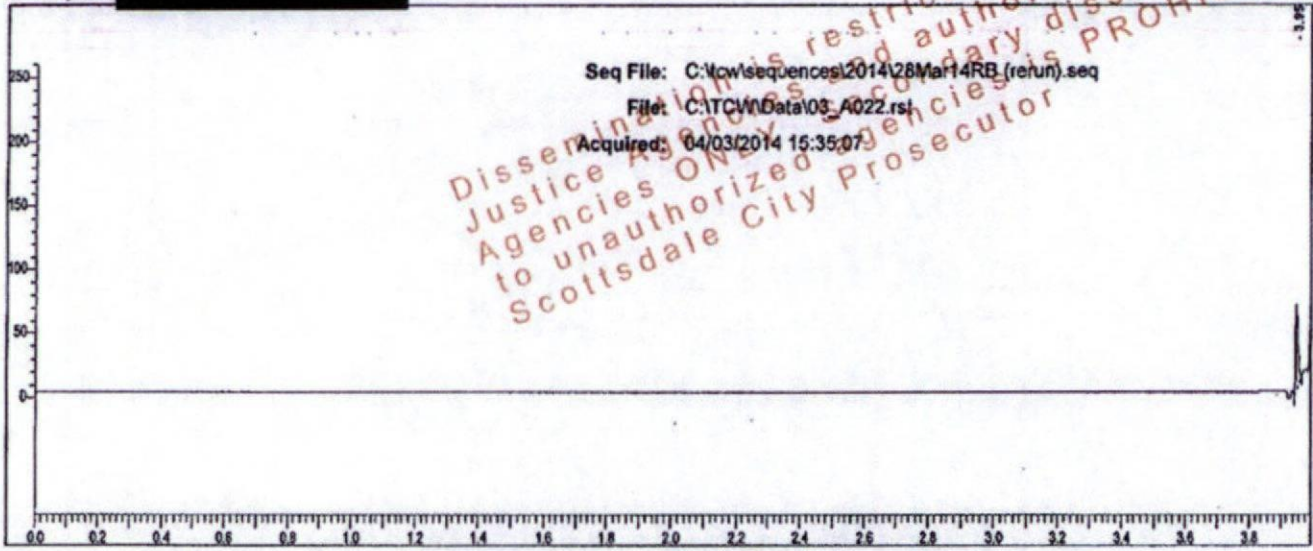
| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.911 | 136103 | Ethanol    |
| 3.775 | 206954 | n-Propanol |

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: [REDACTED]

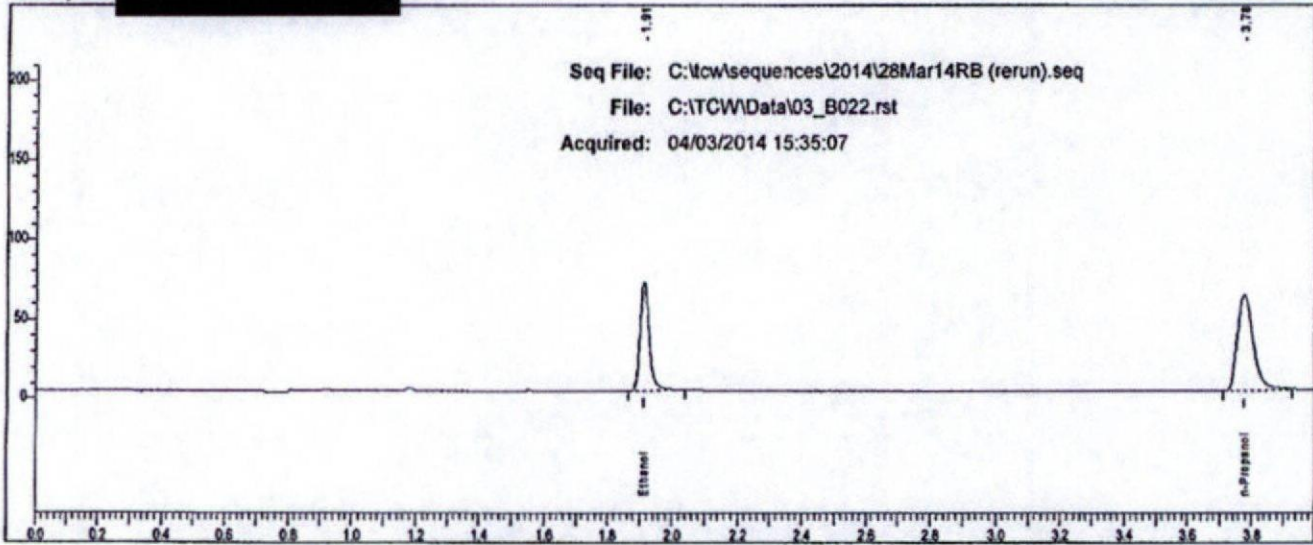
Vial#: 22



| Rt | Area | Peak | g/100 |
|----|------|------|-------|
|----|------|------|-------|

Sample: [REDACTED]

Vial#: 22



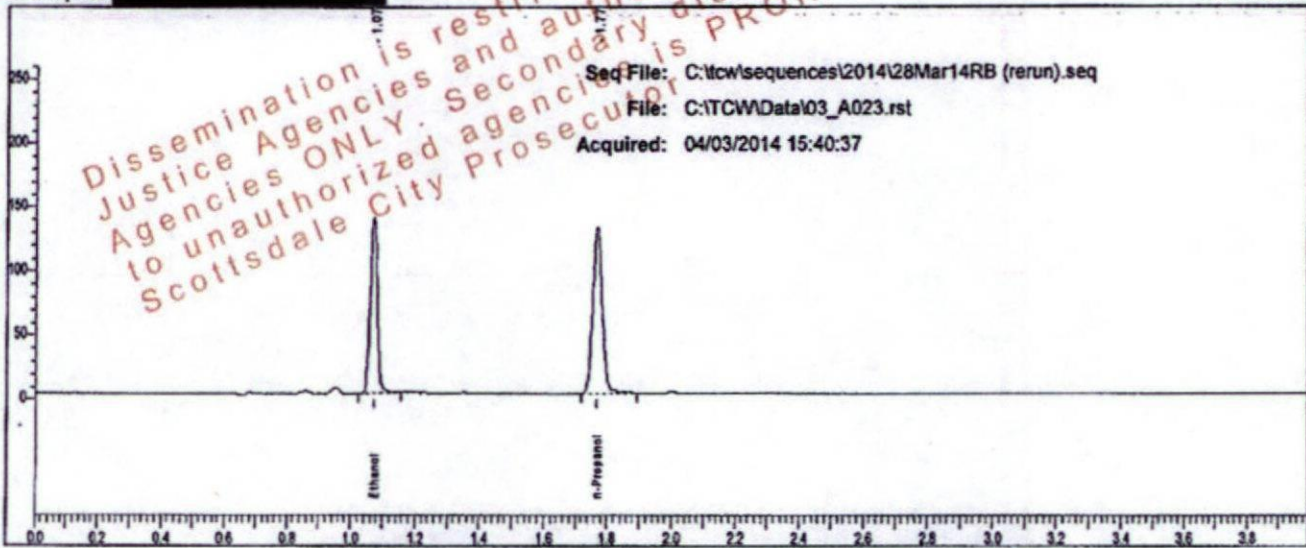
| Rt    | Area   | Peak       |
|-------|--------|------------|
| 1.911 | 138913 | Ethanol    |
| 3.776 | 211051 | n-Propanol |

# Scottsdale P. D. Crime Lab: Dual Channel Blood Alcohol Report

Instrument: 650N9042003 Analyst: RB

Sample: [REDACTED]

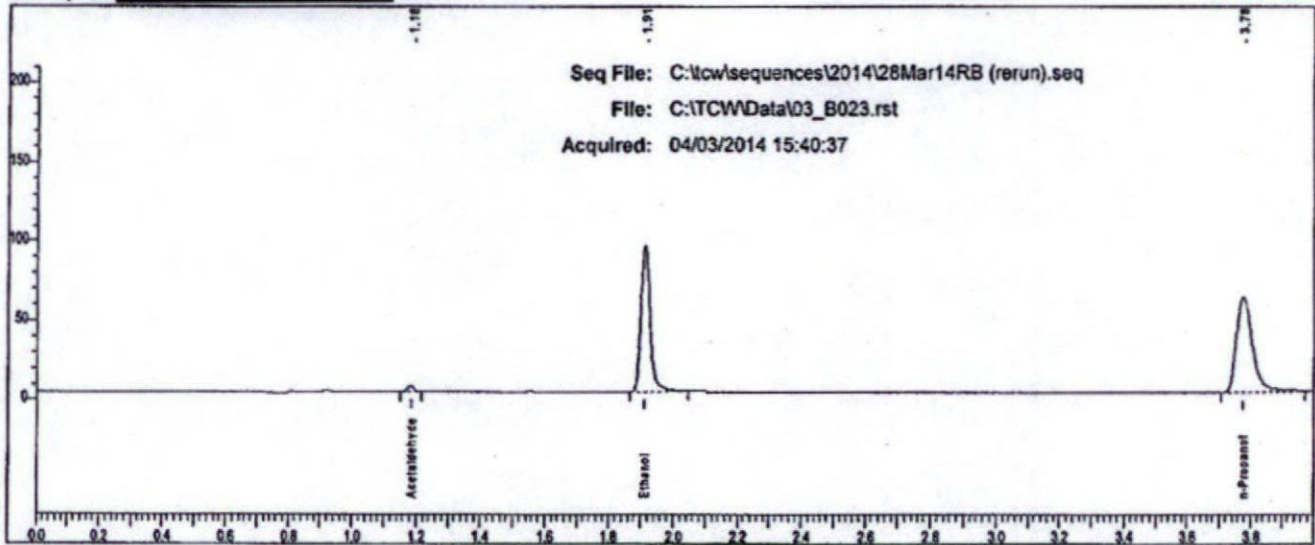
Vial #: 23



| Rt    | Area   | Peak       | g/100  |
|-------|--------|------------|--------|
| 1.071 | 215947 | Ethanol    | 0.2327 |
| 1.768 | 265889 | n-Propanol |        |

Sample: [REDACTED]

Vial #: 23



| Rt    | Area   | Peak         |
|-------|--------|--------------|
| 1.183 | 5798   | Acetaldehyde |
| 1.911 | 186076 | Ethanol      |
| 3.776 | 213016 | n-Propanol   |