

Dissemination is restricted to Criminal Justice Agencies and authorized Agencies ONLY. Dissemination to Non-C.J. Agencies is prohibited. 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: R²= 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

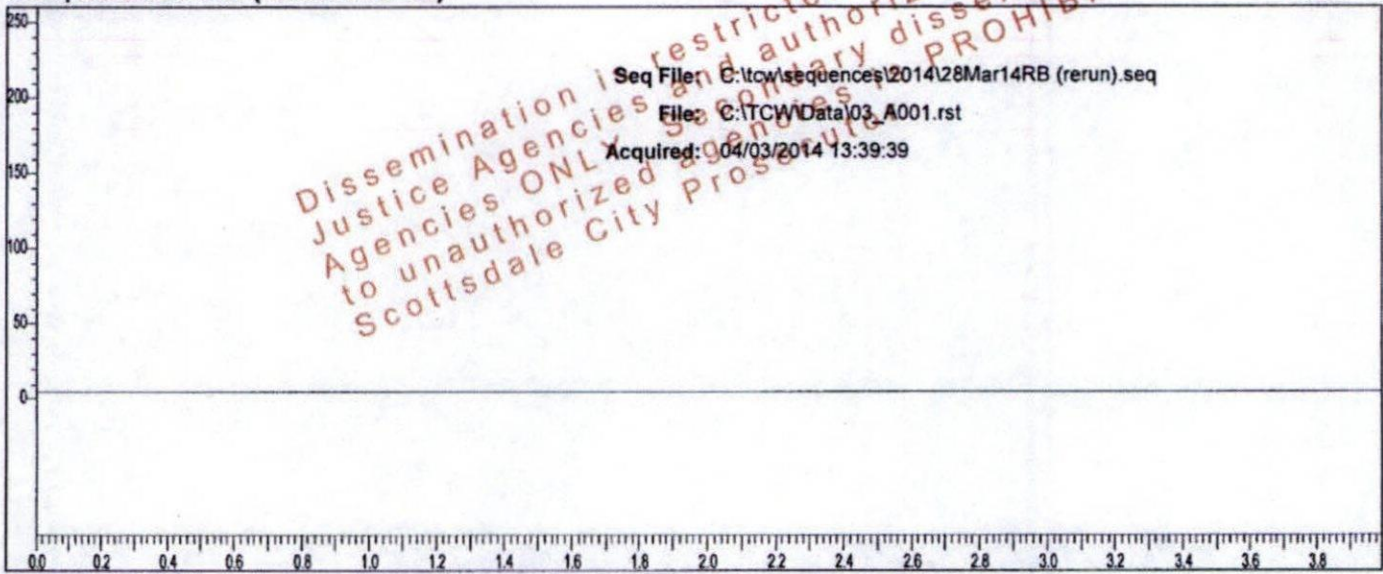
Technical Reviewer

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.020 Cal (FN092710-01)

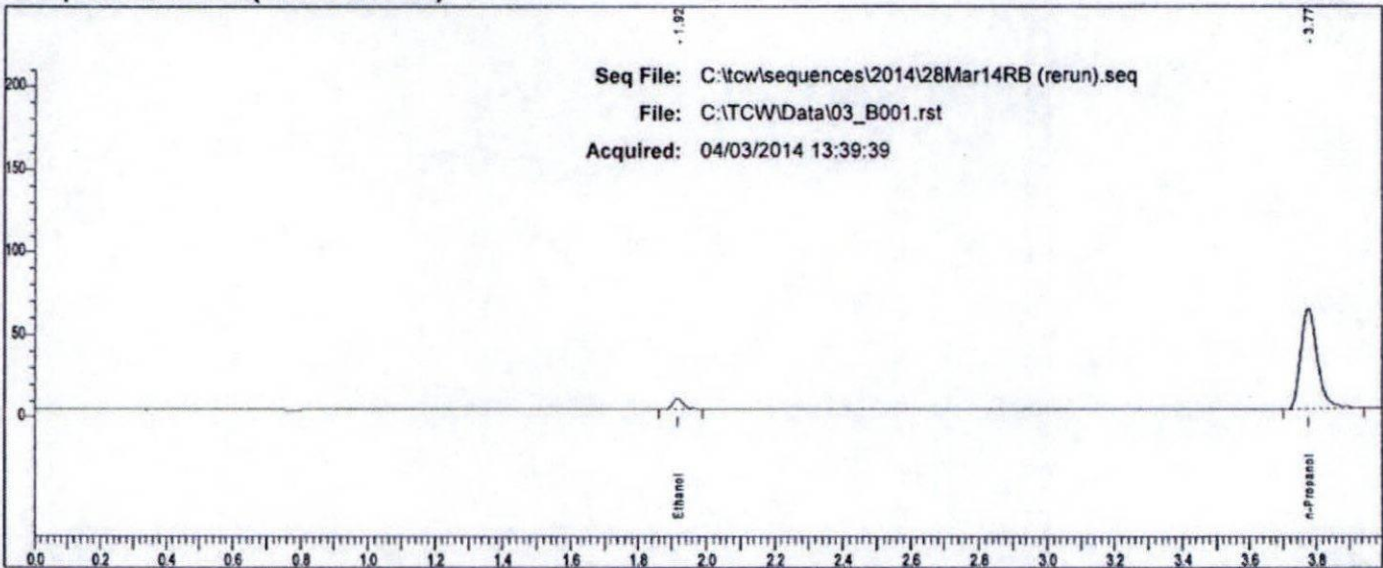
Vial#: 1



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

Sample: 0.020 Cal (FN092710-01)

Vial#: 1



Rt	Area	Peak
1.915	13208	Ethanol
3.775	214369	n-Propanol

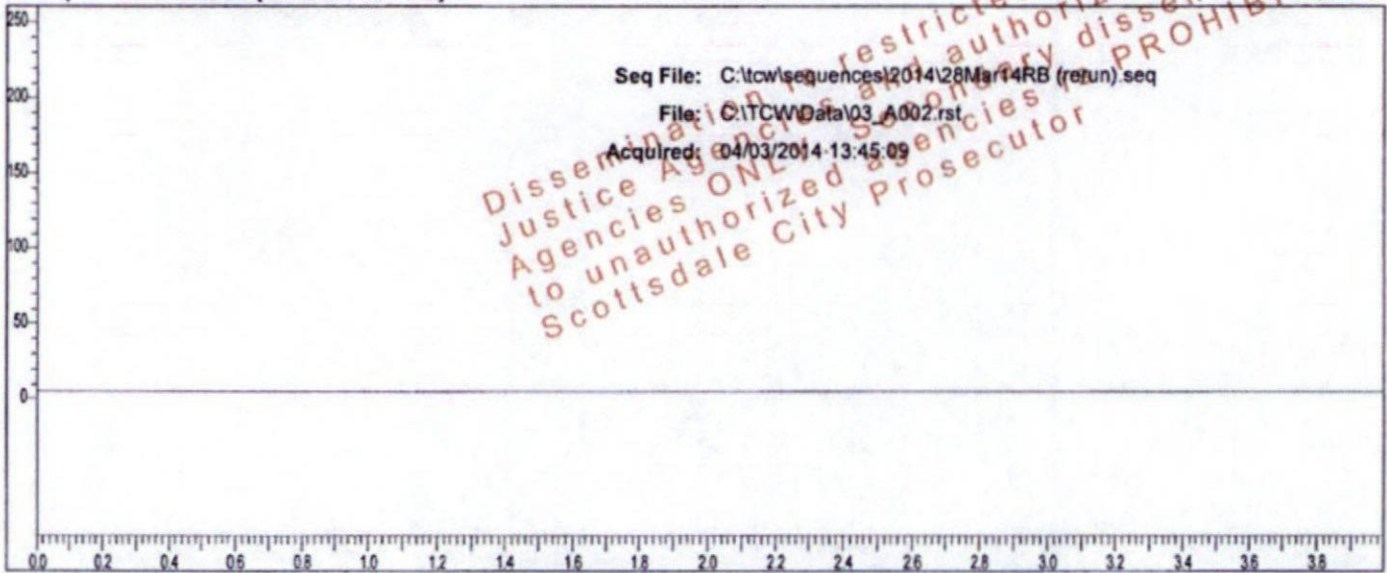
RB

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.100 Cal (FN050312-01)

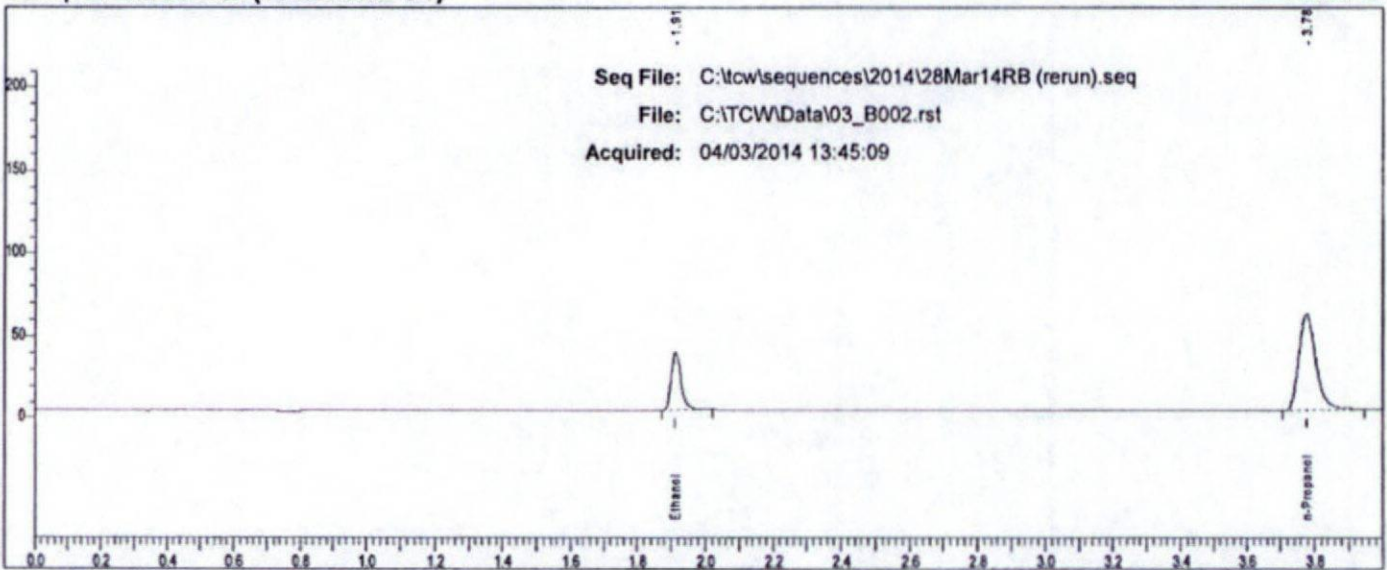
Vial#: 2



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

Sample: 0.100 Cal (FN050312-01)

Vial#: 2



Rt	Area	Peak
1.912	72388	Ethanol
3.775	205375	n-Propanol

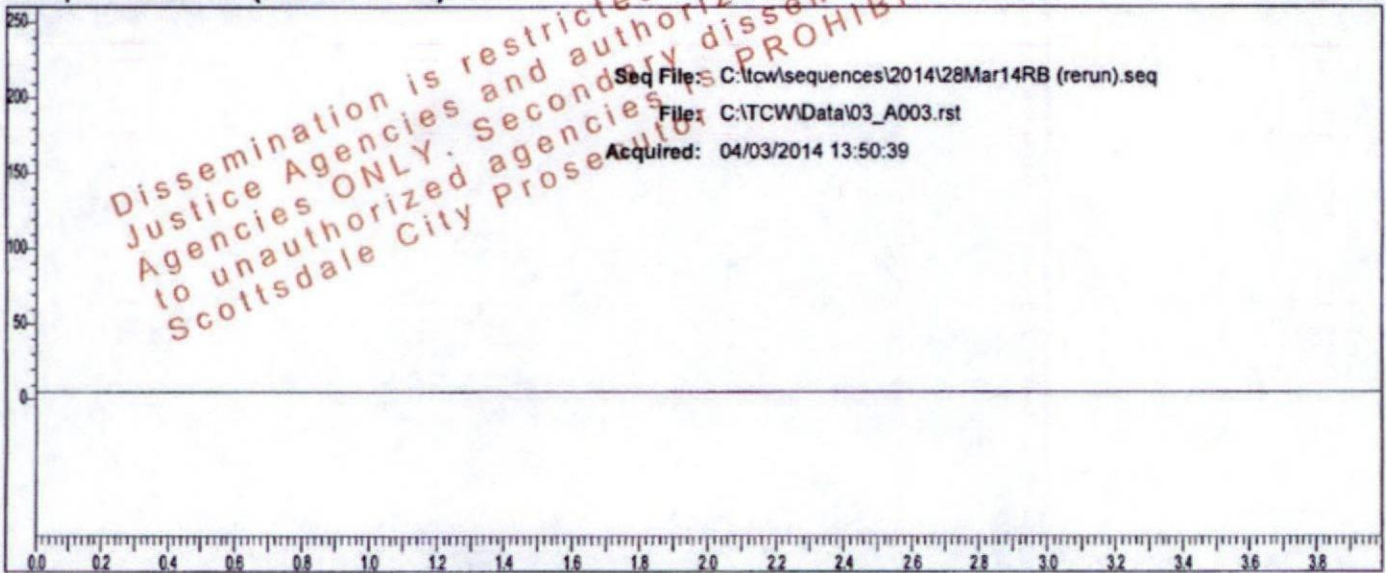
CB

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.200 Cal (FN032712-01)

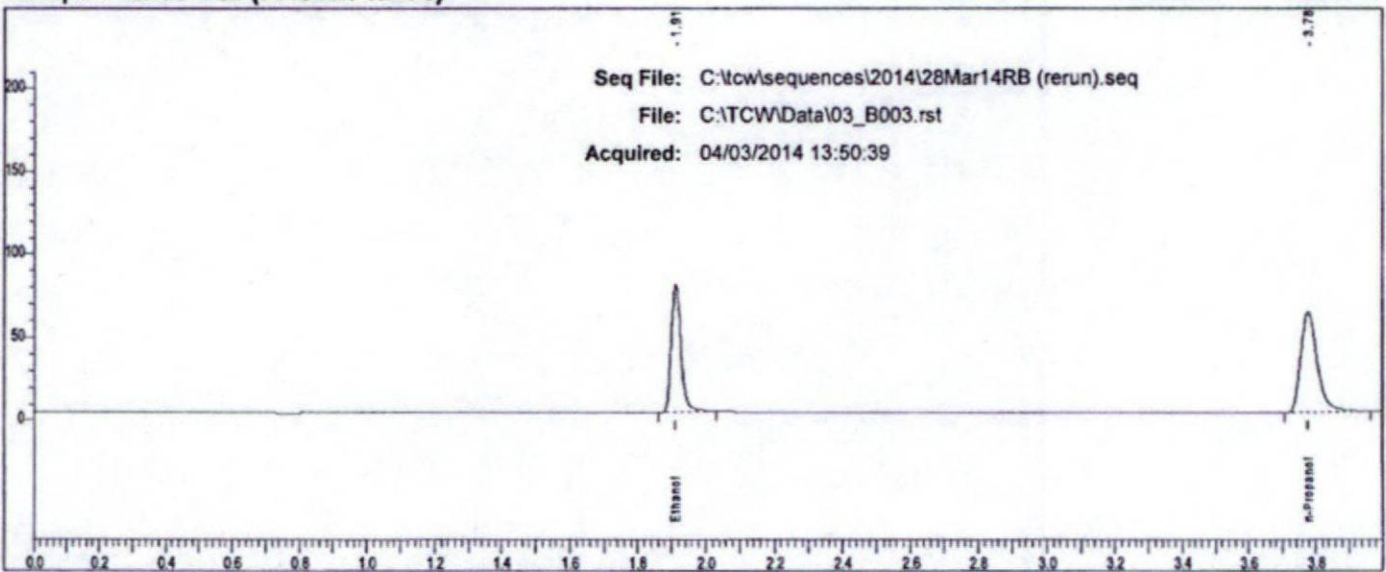
Vial#: 3



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

Sample: 0.200 Cal (FN032712-01)

Vial#: 3



Rt	Area	Peak
1.911	153827	Ethanol
3.776	214153	n-Propanol

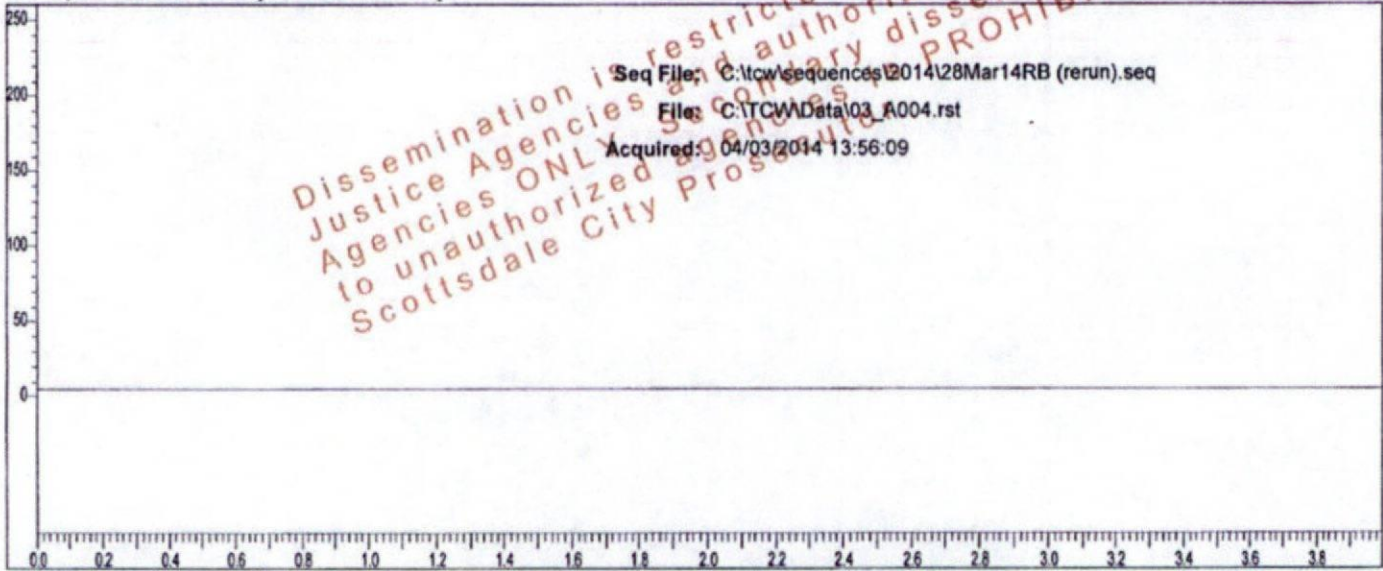
LB

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.400 Cal (FN012712-01)

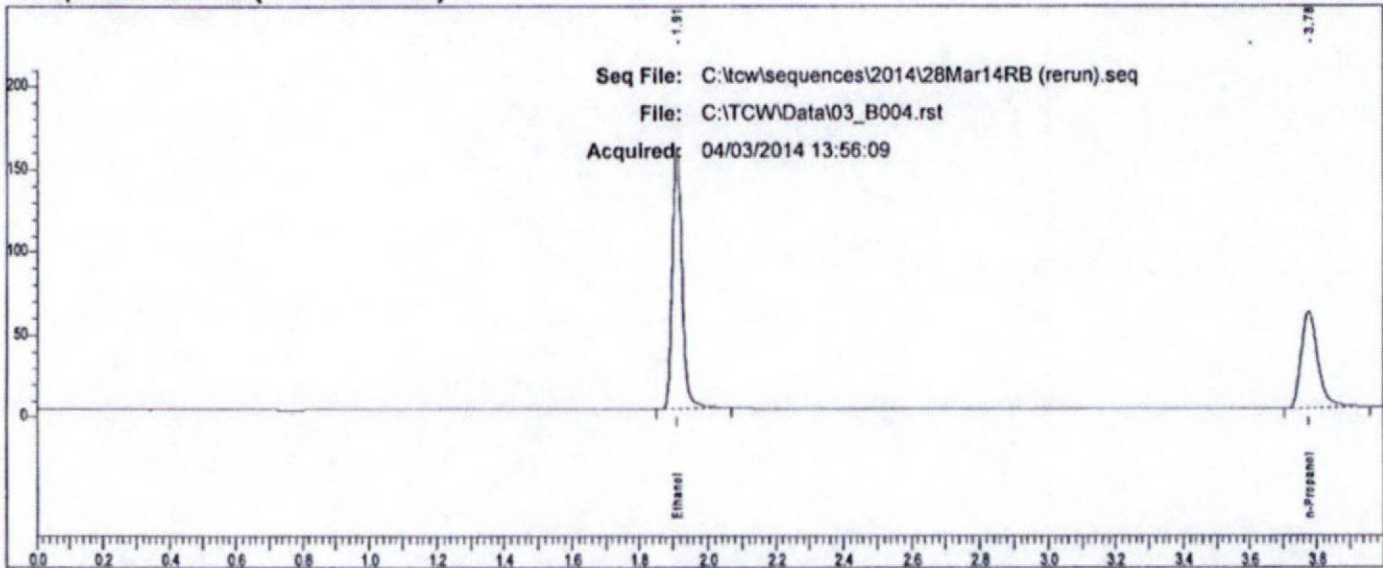
Vial#: 4



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

Sample: 0.400 Cal (FN012712-01)

Vial#: 4



Rt	Area	Peak
1.910	312953	Ethanol
3.776	208263	n-Propanol

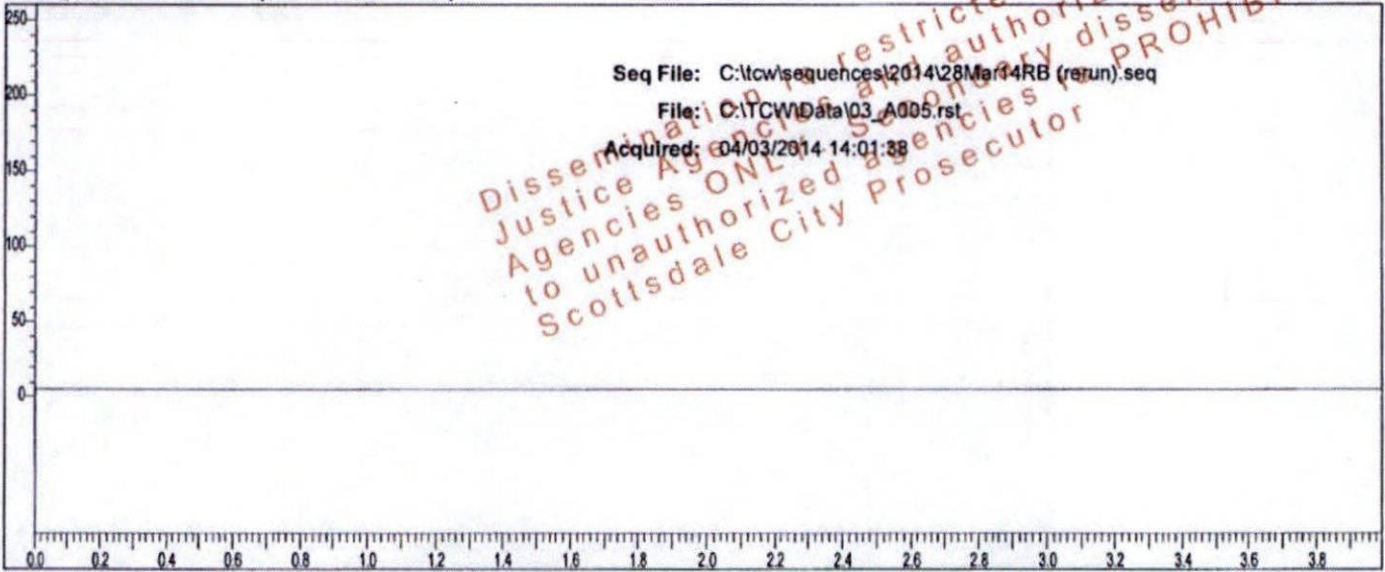
ES

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

Instrument: 650N9042003 Analyst: RB

Sample: Blank QC (022414VPV-A)

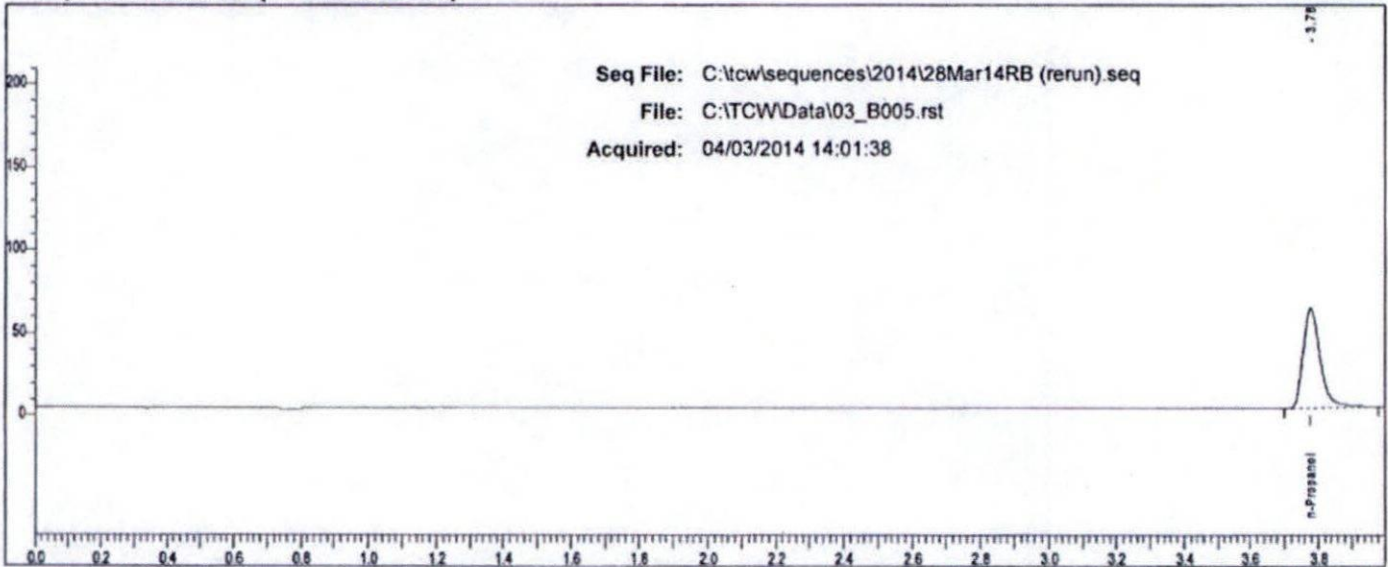
Vial#: 5



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

Sample: Blank QC (022414VPV-A)

Vial#: 5



Rt	Area	Peak
3.777	212006	n-Propanol

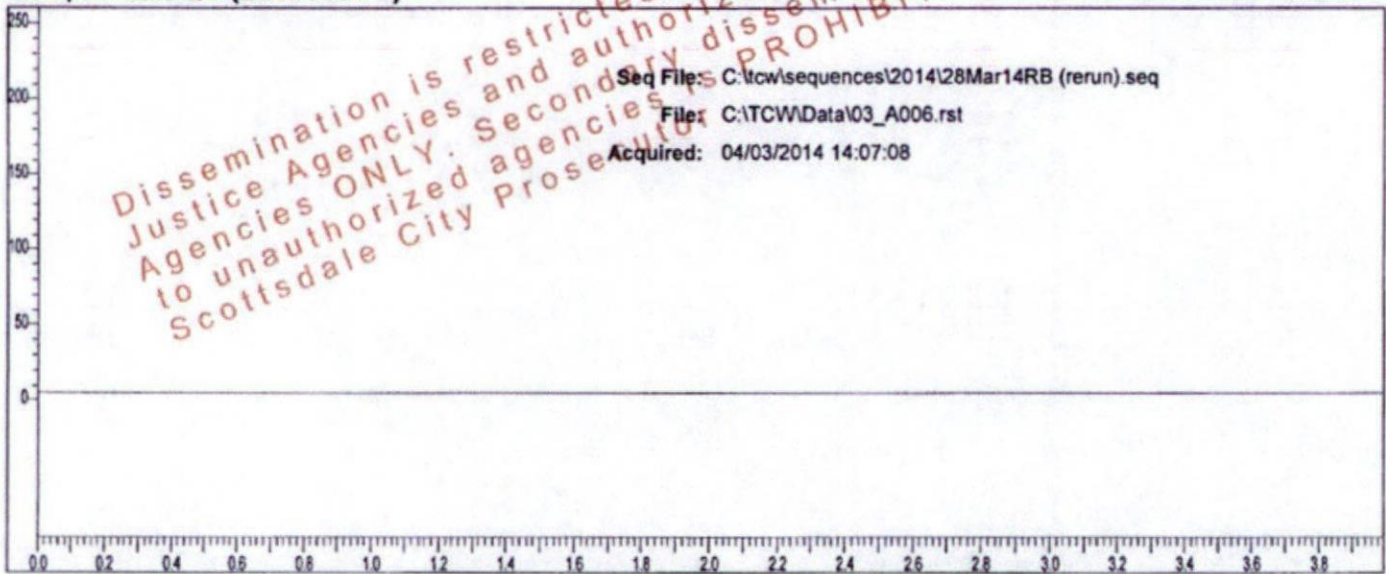
RB

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

Instrument: 650N9042003 Analyst: RB

Sample: Mix QC (011111VPV)

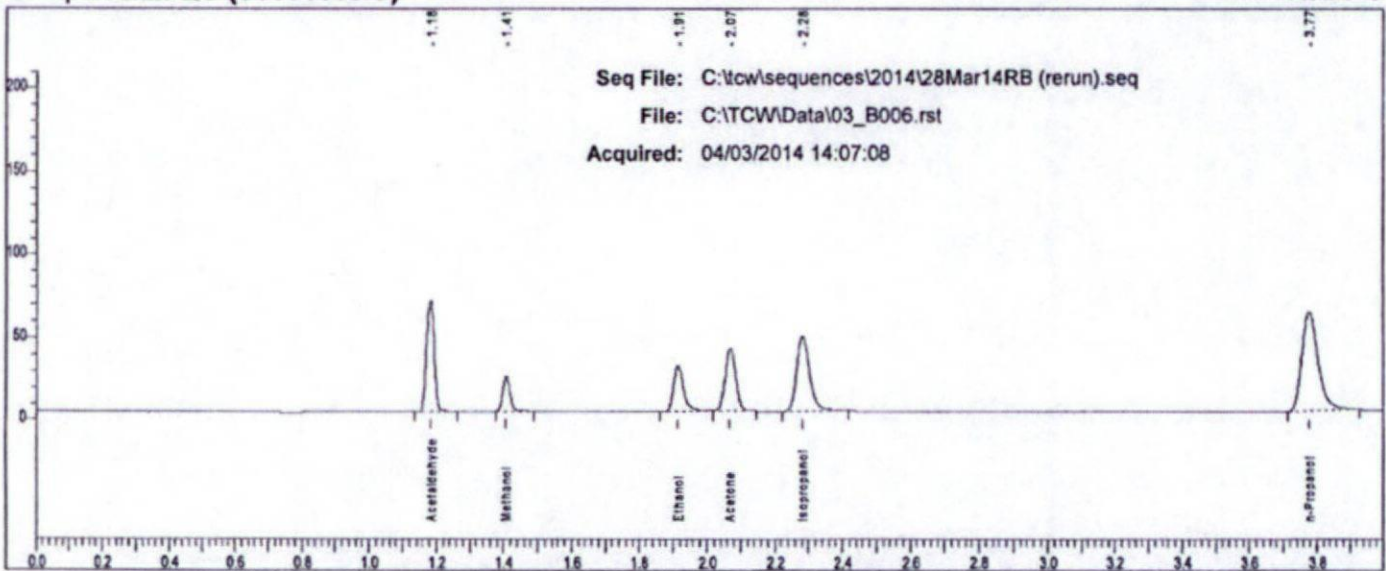
Vial#: 6



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

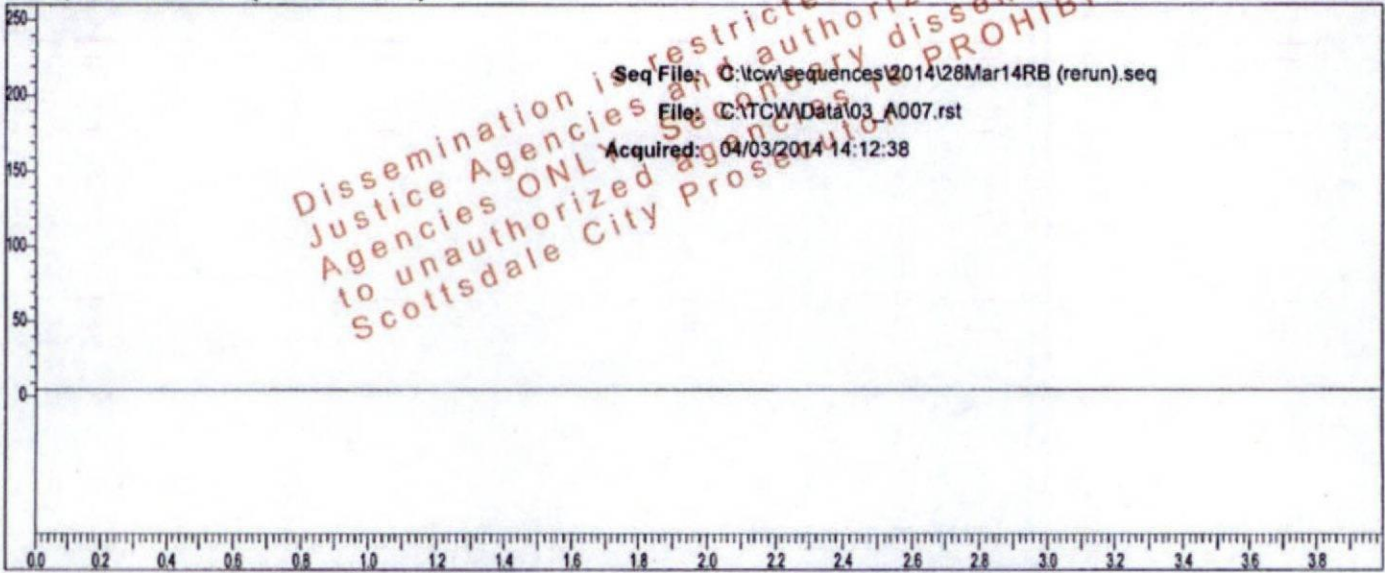
LS

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.400 QC (05012012-C)

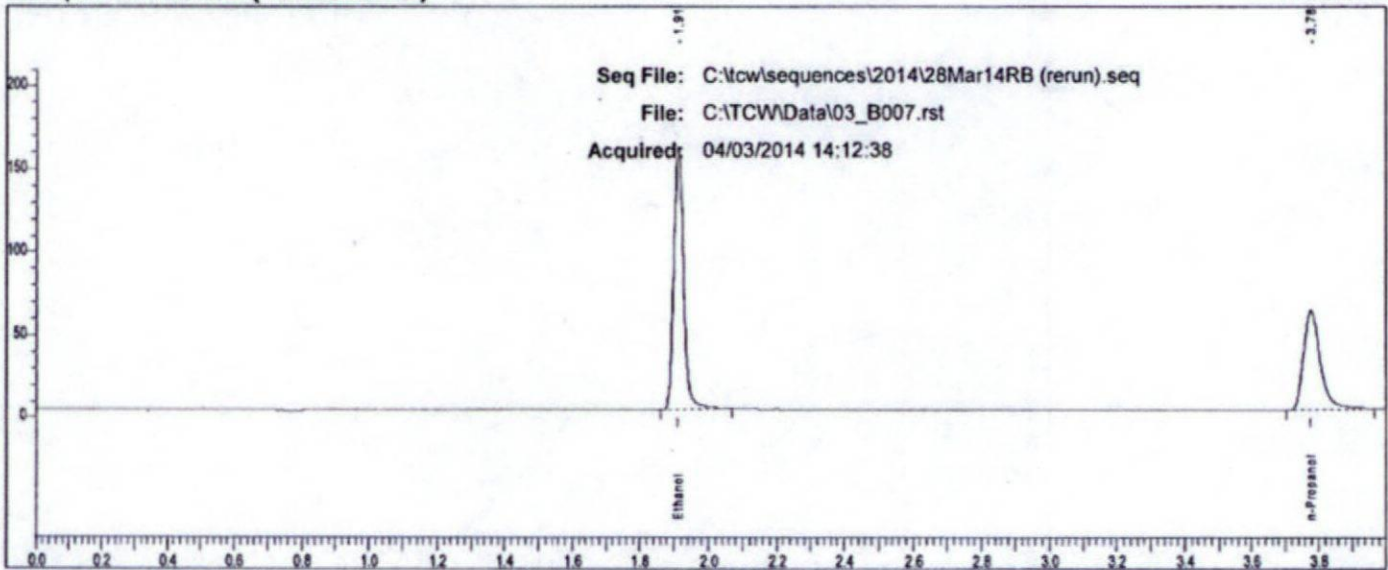
Vial#: 7



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

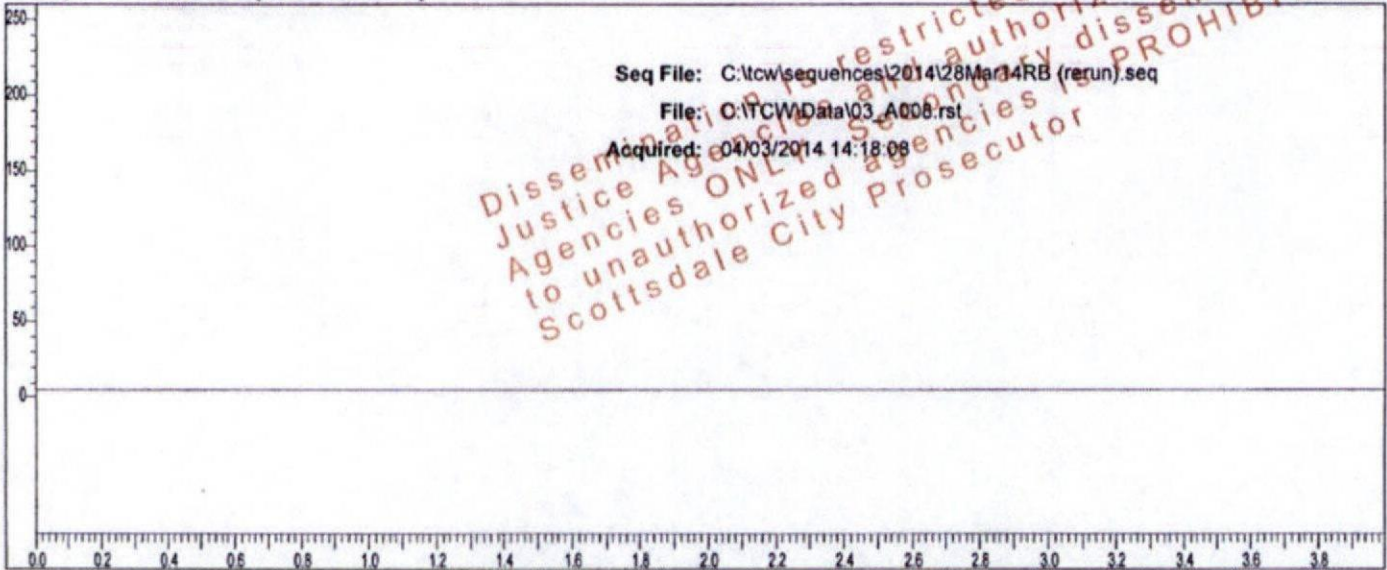
CS

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

Instrument: 650N9042003 Analyst: RB

Sample: 0.040 QC (30112011-B)

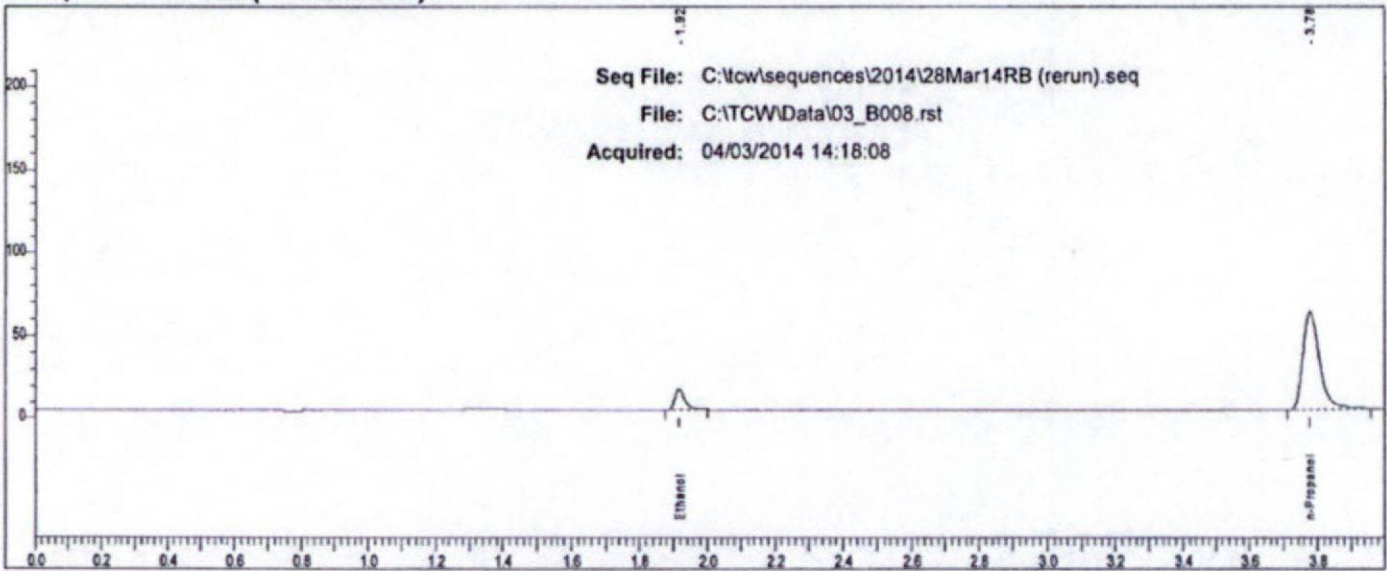
Vial#: 8



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

Sample: 0.040 QC (30112011-B)

Vial#: 8



Rt	Area	Peak
1.916	26595	Ethanol
3.777	208697	n-Propanol

RS

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

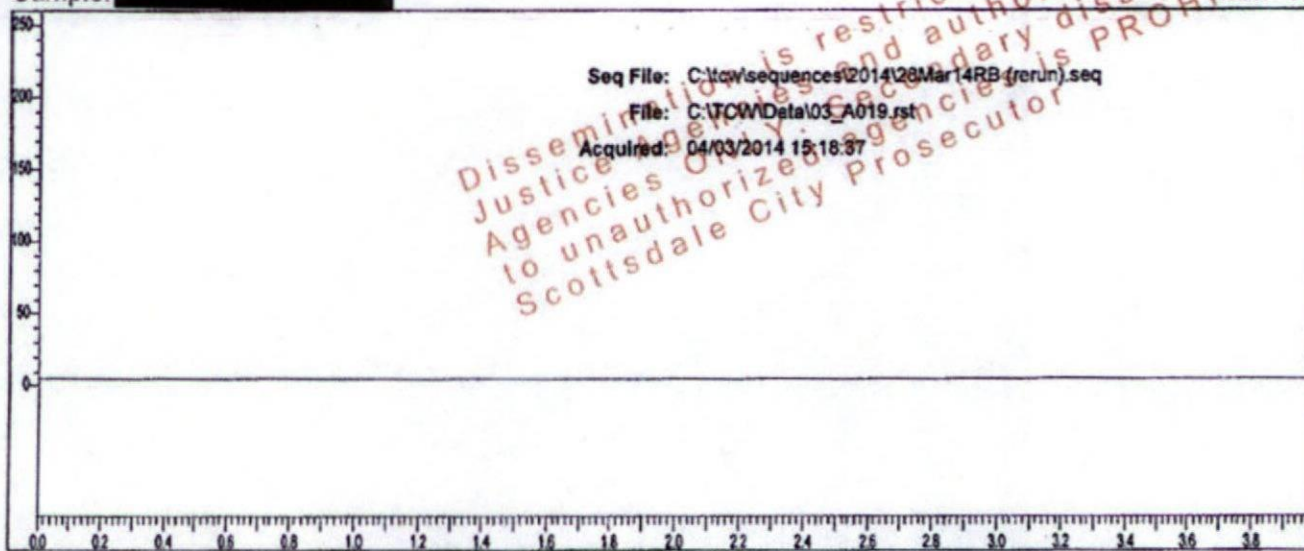
fb
Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.
Scottsdale City Prosecutor

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

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

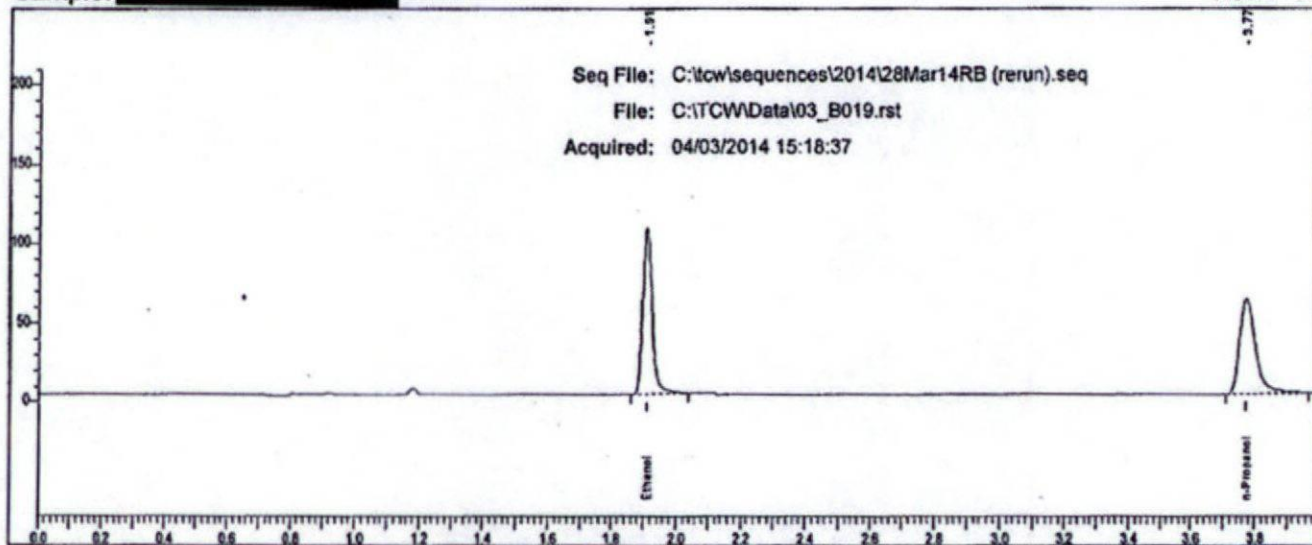
Vial#: 19



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

Sample: [redacted]

Vial#: 19



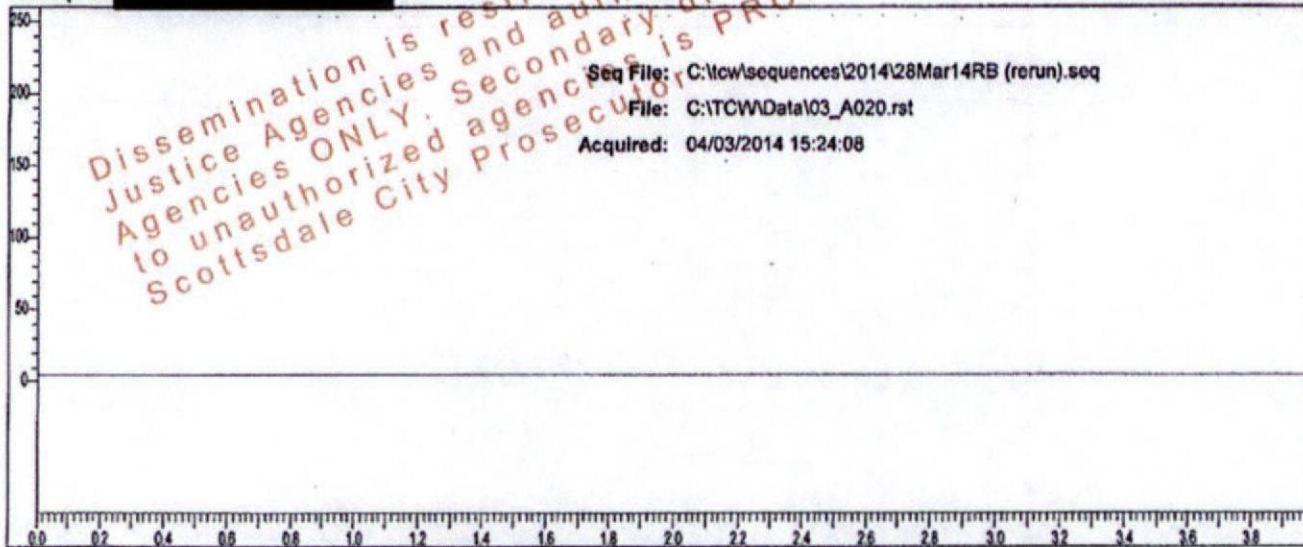
Rt	Area	Peak
1.909	210777	Ethanol
3.773	212794	n-Propanol

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

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

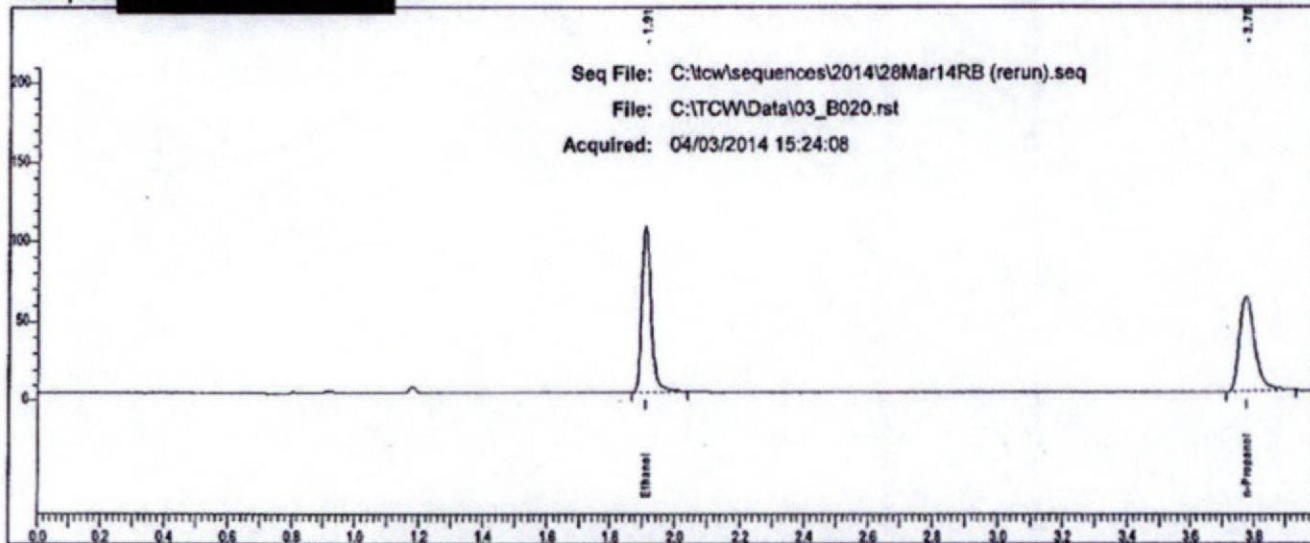
Vial#: 20



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

Sample: [redacted]

Vial#: 20



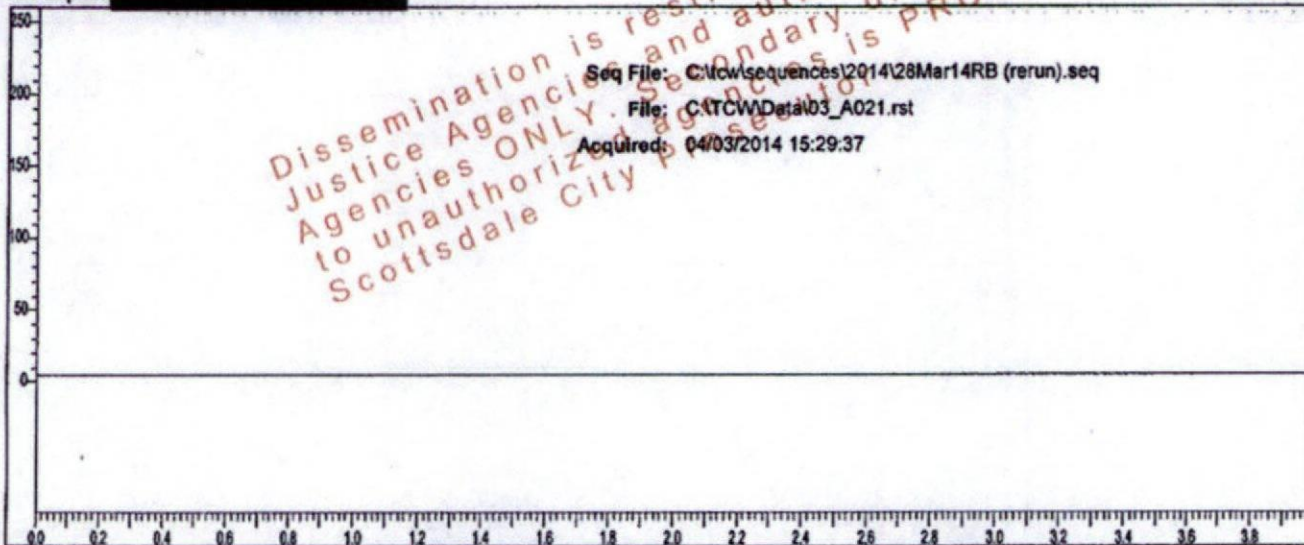
Rt	Area	Peak
1.910	212756	Ethanol
3.775	211611	n-Propanol

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

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

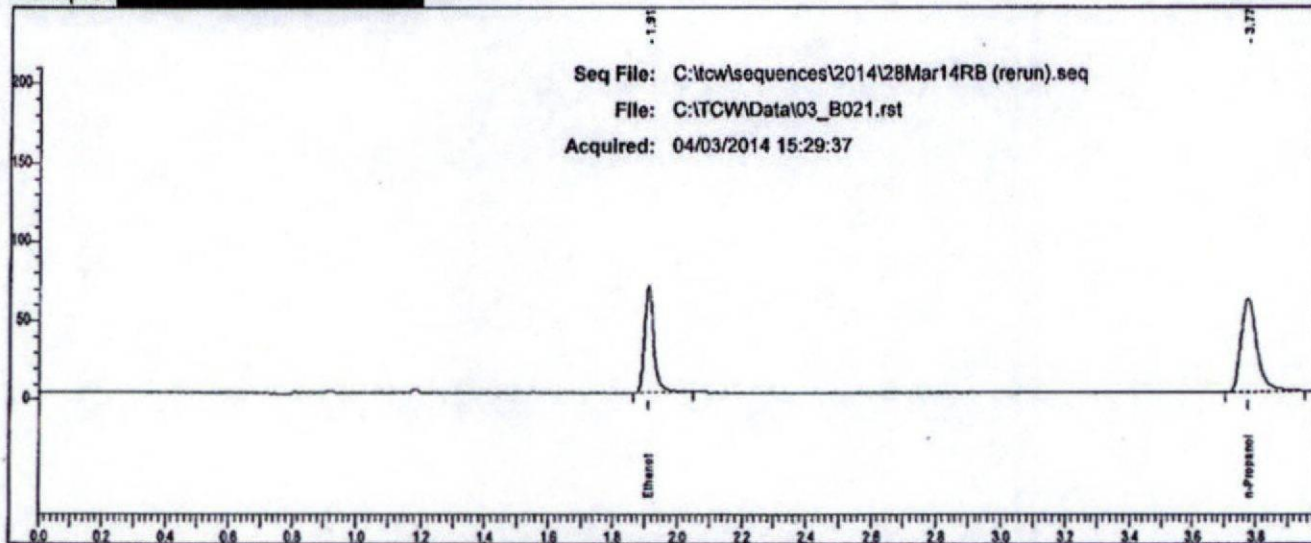
Vial#: 21



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

Sample: [redacted]

Vial#: 21



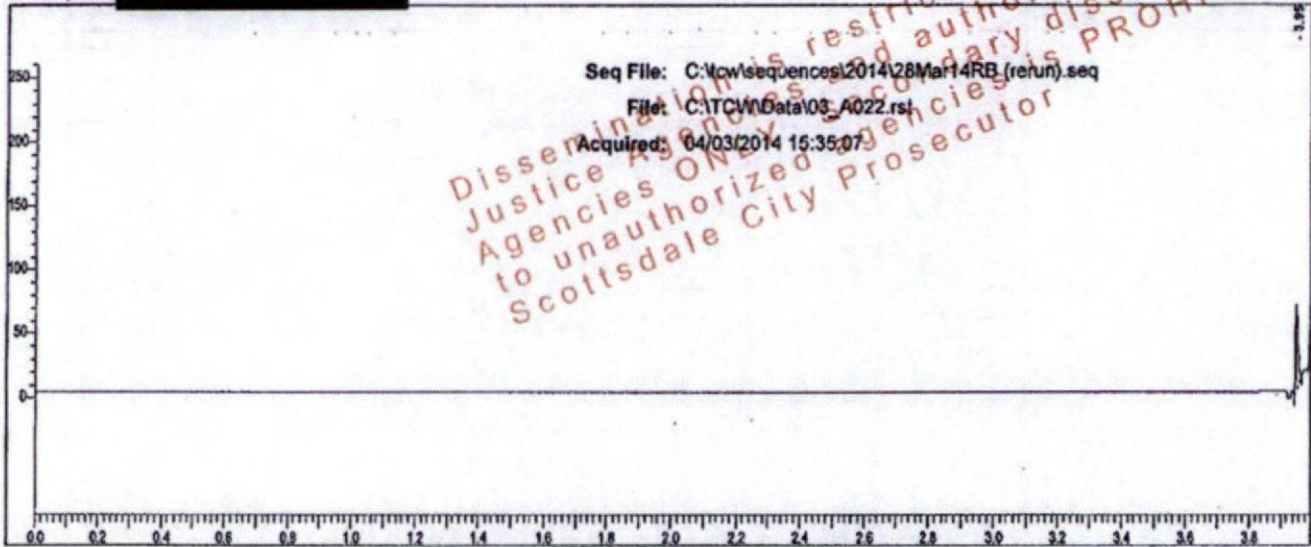
Rt	Area	Peak
1.911	136103	Ethanol
3.775	206954	n-Propanol

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

Instrument: 650N9042003 Analyst: RB

Sample: [redacted]

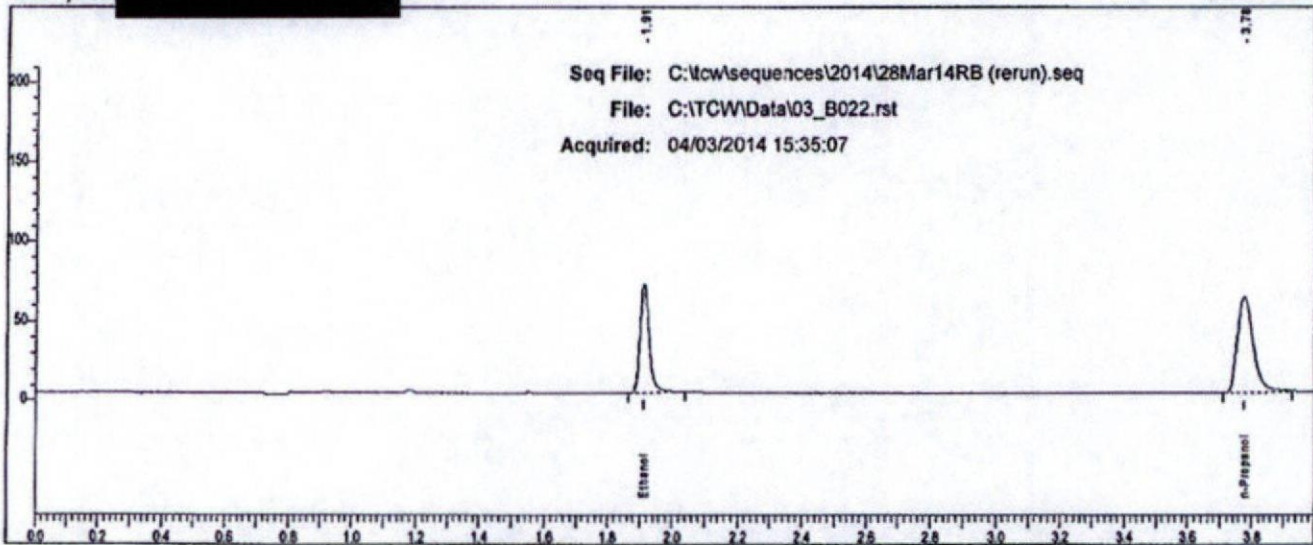
Vial#: 22



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

Sample: [redacted]

Vial#: 22



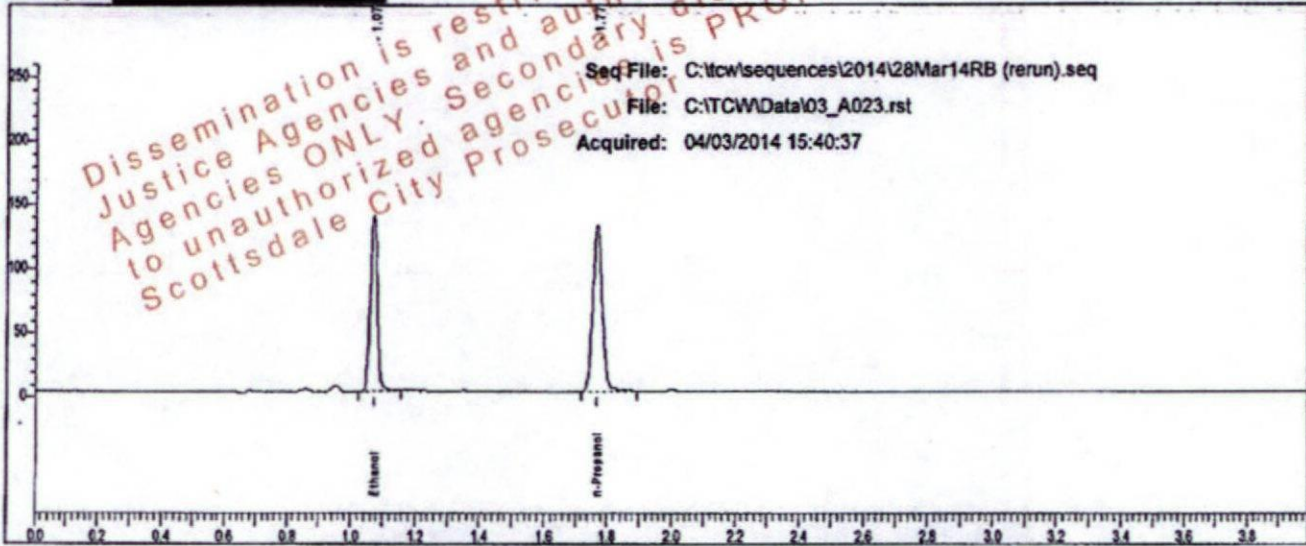
Rt	Area	Peak
1.911	138913	Ethanol
3.776	211051	n-Propanol

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

Instrument: 650N9042003 Analyst: RB

Sample: [REDACTED]

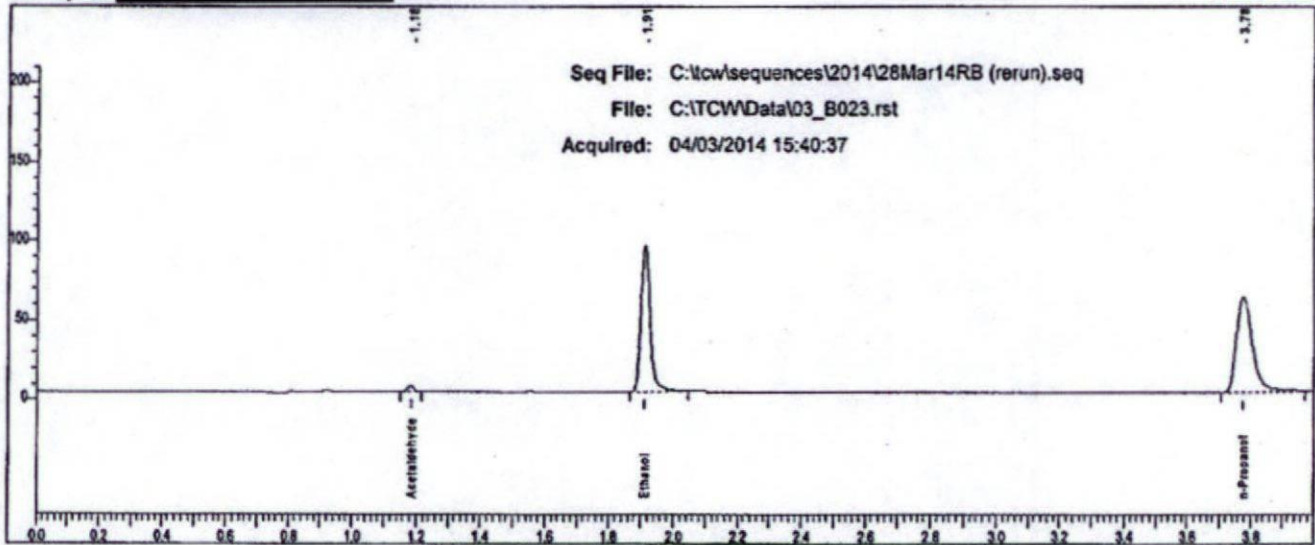
Vial #: 23



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