SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/7/2019 SEQUENCE NAME 7Mar19

EQUIPMENT

Pipettor ☐ Hamilton ML600EH7497 ☒ Hamilton ML600GJ10749
Gas Chromatograph ☒ Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604
Vial 2 0.10 calibrator Lot FN06181501
Vial 3 0.20 calibrator Lot FN07201502
Vial 4 0.40 calibrator Lot FN11191402

Coefficient of determination (r^2) 0.99999

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 121118
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	Not analyzed	Lipomed 09022015-C
42	Blood control	0.198 g/dL	Not analyzed	ACQ 407041529/13
53	Aqueous control	0.080 g/dL	Not analyzed	Lipomed 28082014-B
64	Aqueous control	0.150 g/dL	Not analyzed	Lipomed 09022015-C
75	Blood control	0.198 g/dL	Not analyzed	ACQ 407041529/13
86	Aqueous control	0.080 g/dL	Not analyzed	Lipomed 28082014-B
97	Aqueous control	0.150 g/dL	Not analyzed	Lipomed 09022015-C
102	Aqueous control	0.400 g/dL	Not analyzed	Lipomed 08012015-C
103	Aqueous control	0.040 g/dL	Not analyzed	Lipomed 09022015-A
104	Blood control	0.198 g/dL	Not analyzed	ACQ 407041529/13
105	Blank	Not detected	Not analyzed	SPD lab 121118

SUBJECT SAMPLES

Subjects in the sequence 38 Subjects requiring reanalysis 38

ADDITIONAL NOTES: Run aborted at vial 33 due to improperly applied label, and will therefore be reanalyzed. This run also included four proficiency samples at positions 80-85, 87-88.

Run valid ☐
Run invalid ☒ NA B1570 3/18/19
Analyst

Run valid ☐
Run invalid ☒ B1466 3/19/19
Technical Reviewer

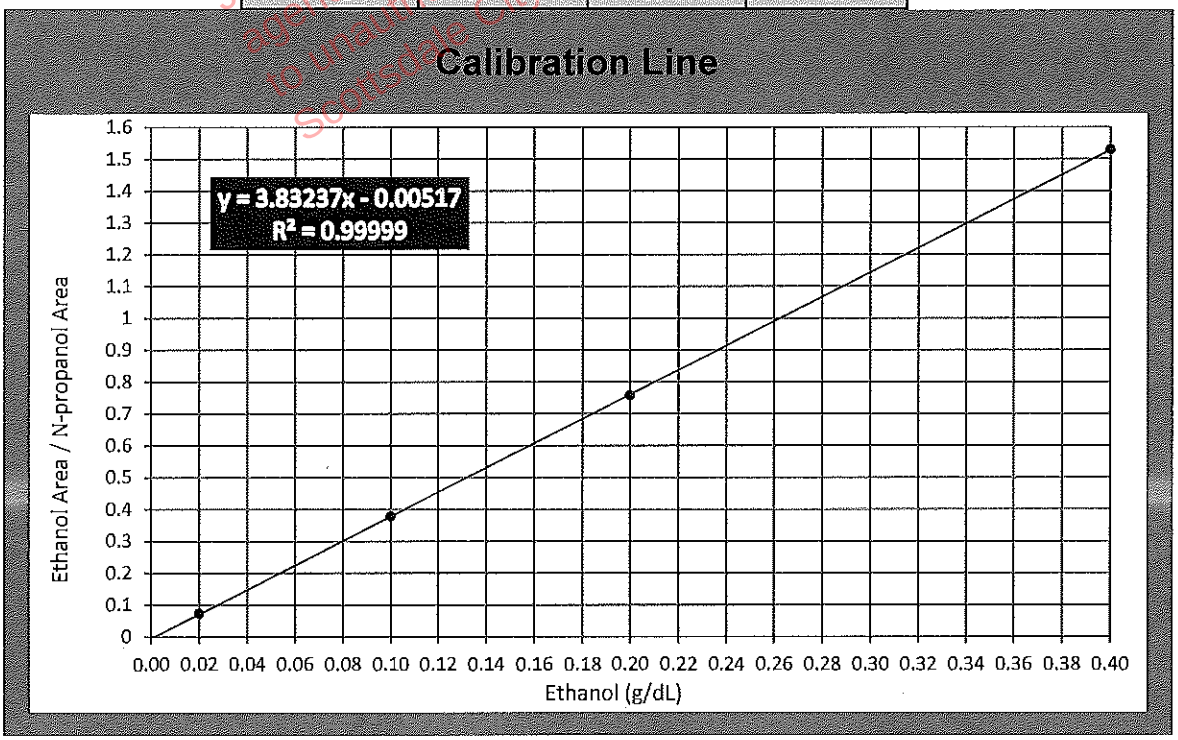
Scottsdale Police Department Crime Laboratory
Sequence Quality Assurance Summary

SEQUENCE NAME: 7Mar19 (RUN INVALID) **ANALYST: Adrian**

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 012517	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.397	0.400	0.75	-0.003
0.040 Lipomed 009022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/13	9	0.201	0.198	1.52	0.003
0.080 Lipomed 28082014-B	20	0.080	0.080	0.00	0.000

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.088	164.543	0.073
0.100	60.734	160.808	0.378
0.200	122.867	162.071	0.758
0.400	244.478	159.855	1.529

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.020 FN03241604	**Item number:**	
Injection date:	3/7/2019 11:17:53 AM	**Vial:**	1
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\1.D		

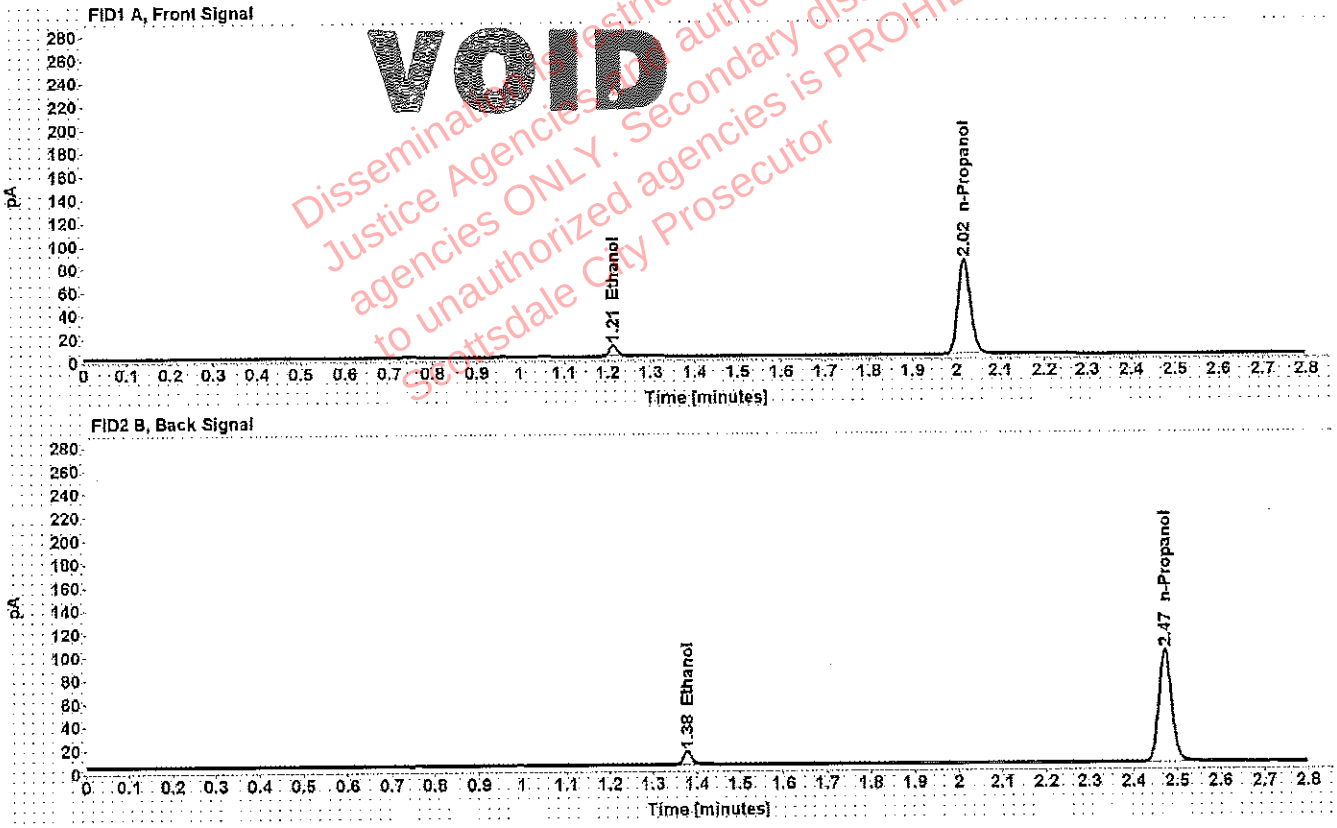


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.088
n-Propanol	2.016	164.543

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.377	14.835
n-Propanol	2.472	198.407

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.100 FN06181501	**Item number:**	
Injection date:	3/7/2019 11:21:53 AM	**Vial:**	2
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\2.D		

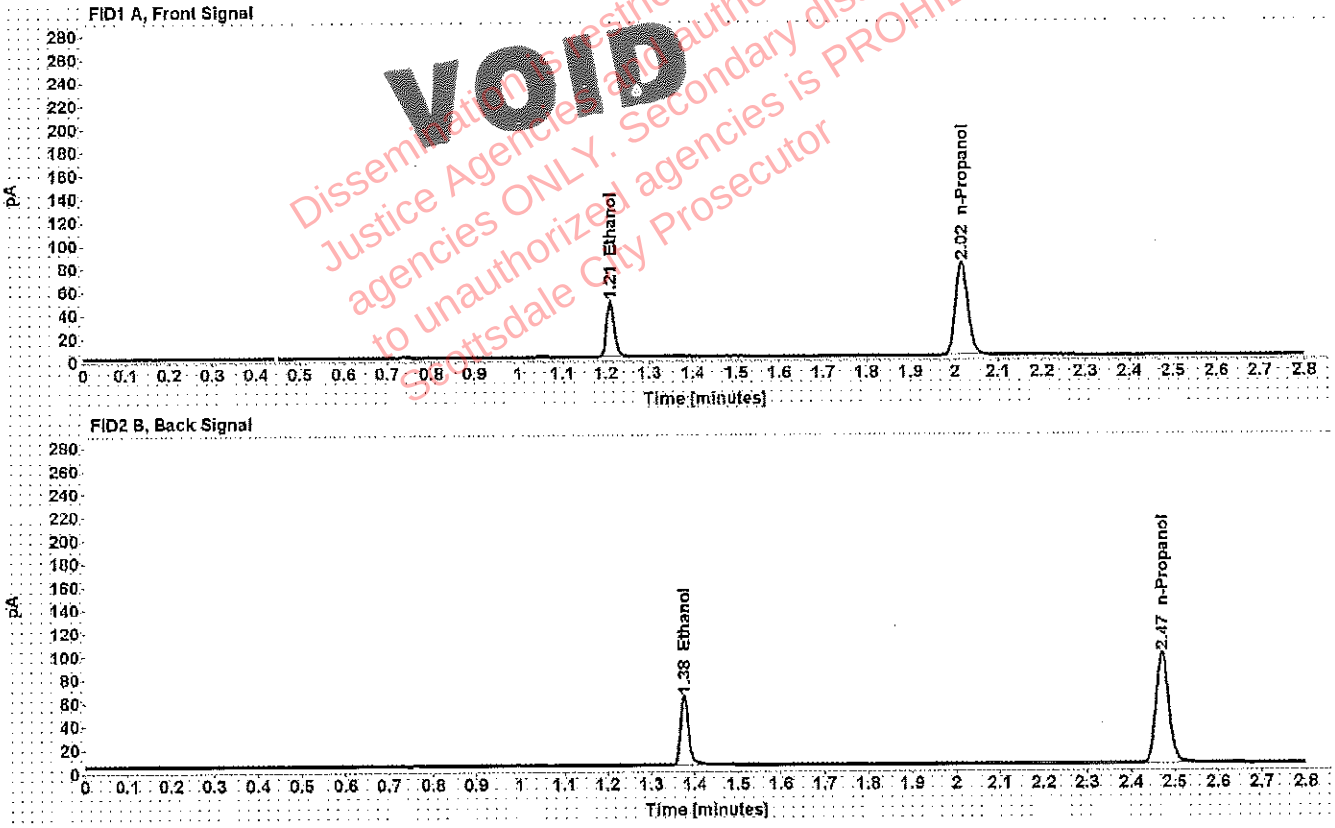


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.734
n-Propanol	2.016	160.808

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	74.725
n-Propanol	2.471	194.749

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.200 FN07201502	**Item number:**	
Injection date:	3/7/2019 11:25:53 AM	**Vial:**	3
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\3.D		

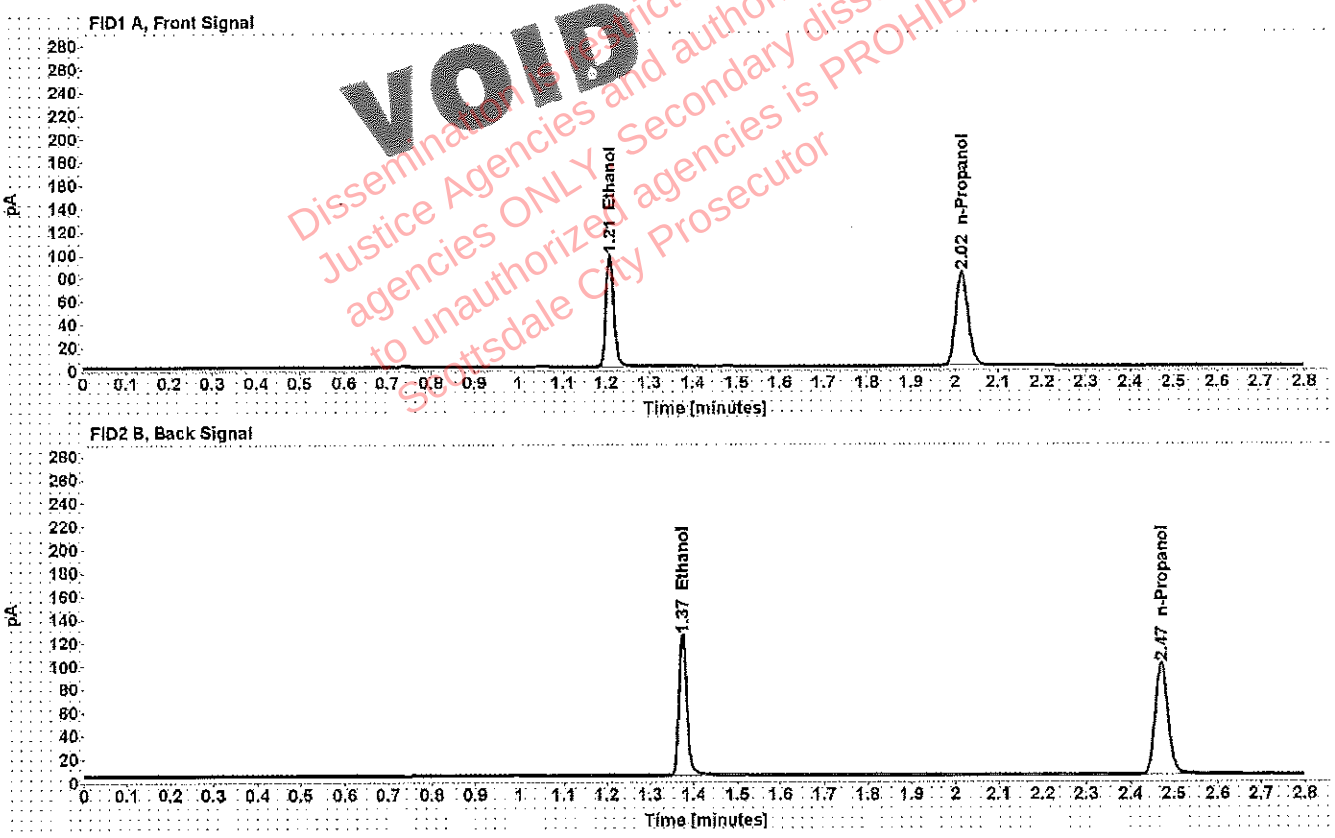


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	122.867
n-Propanol	2.016	162.071

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	152.044
n-Propanol	2.471	196.304

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.400 FN11191402	**Item number:**	
Injection date:	3/7/2019 11:29:53 AM	**Vial:**	4
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\4.D		

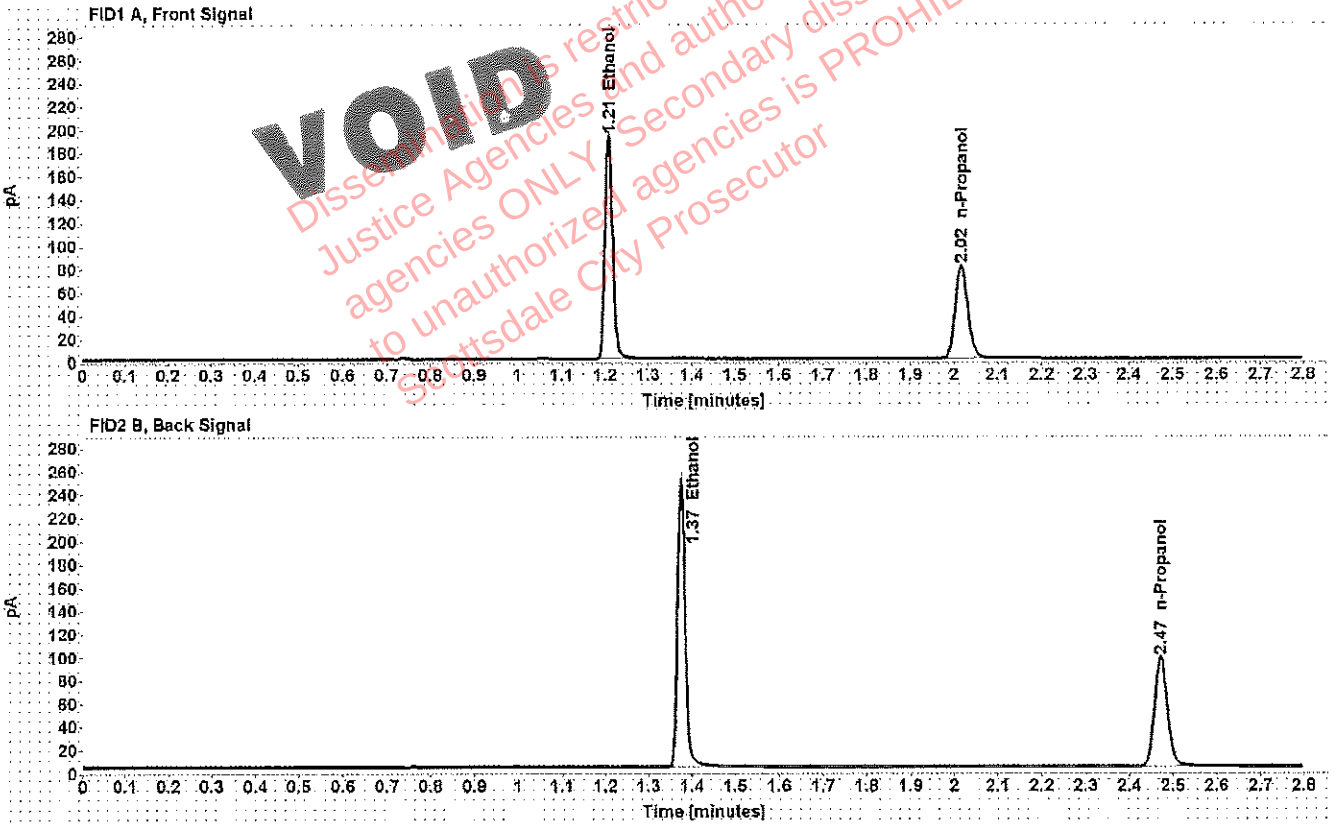


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	244.478
n-Propanol	2.016	159.855

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	303.297
n-Propanol	2.472	193.757

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	blank 121118	**Item number:**	
Injection date:	3/7/2019 11:33:53 AM	**Vial:**	5
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\5.D		

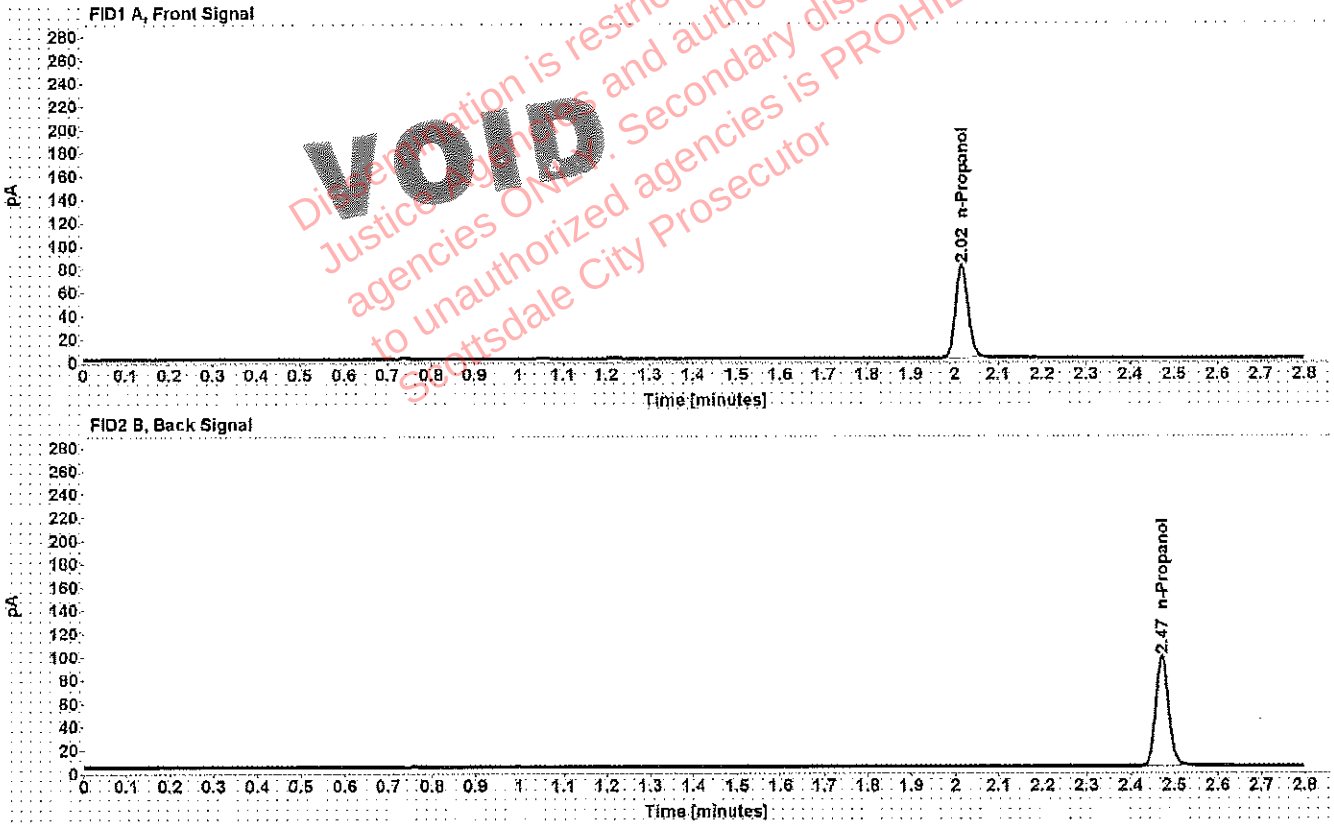


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	------	2.016	159.673

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.471	193.042

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	volatiles mix 020917	**Item number:**	
Injection date:	3/7/2019 11:37:53 AM	**Vial:**	6
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\6.D		

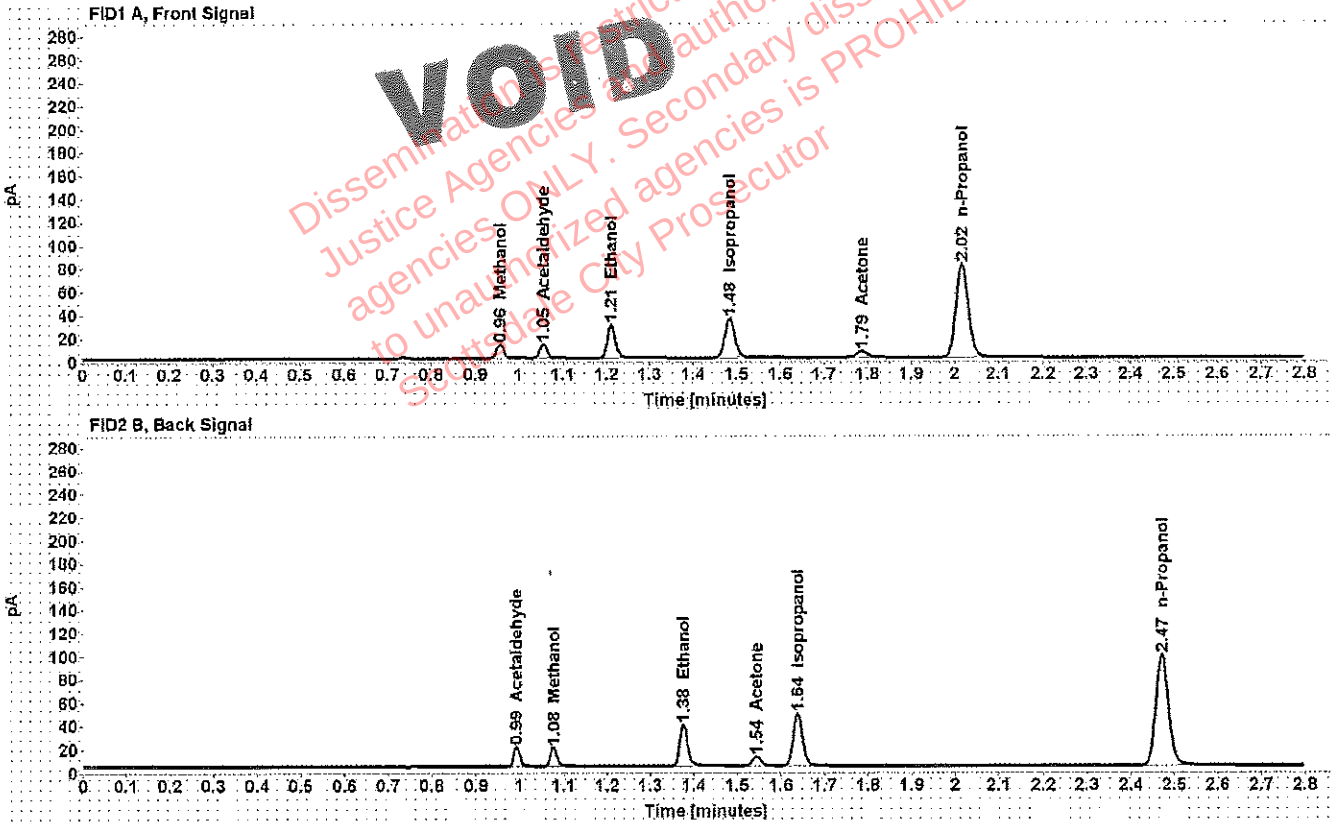


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	------	0.957	13.651
Acetaldehyde	------	1.055	13.100
>Ethanol	0.0613	1.211	37.089
Isopropanol	------	1.484	54.494
Acetone	------	1.786	8.892
n-Propanol	------	2.016	161.508

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	16.806
Methanol	1.077	17.146
Ethanol	1.376	45.414
Acetone	1.544	10.402
Isopropanol	1.638	68.169
n-Propanol	2.472	195.621

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.400 08012015-C	**Item number:**	
Injection date:	3/7/2019 11:42:08 AM	**Vial:**	7
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\7.D		

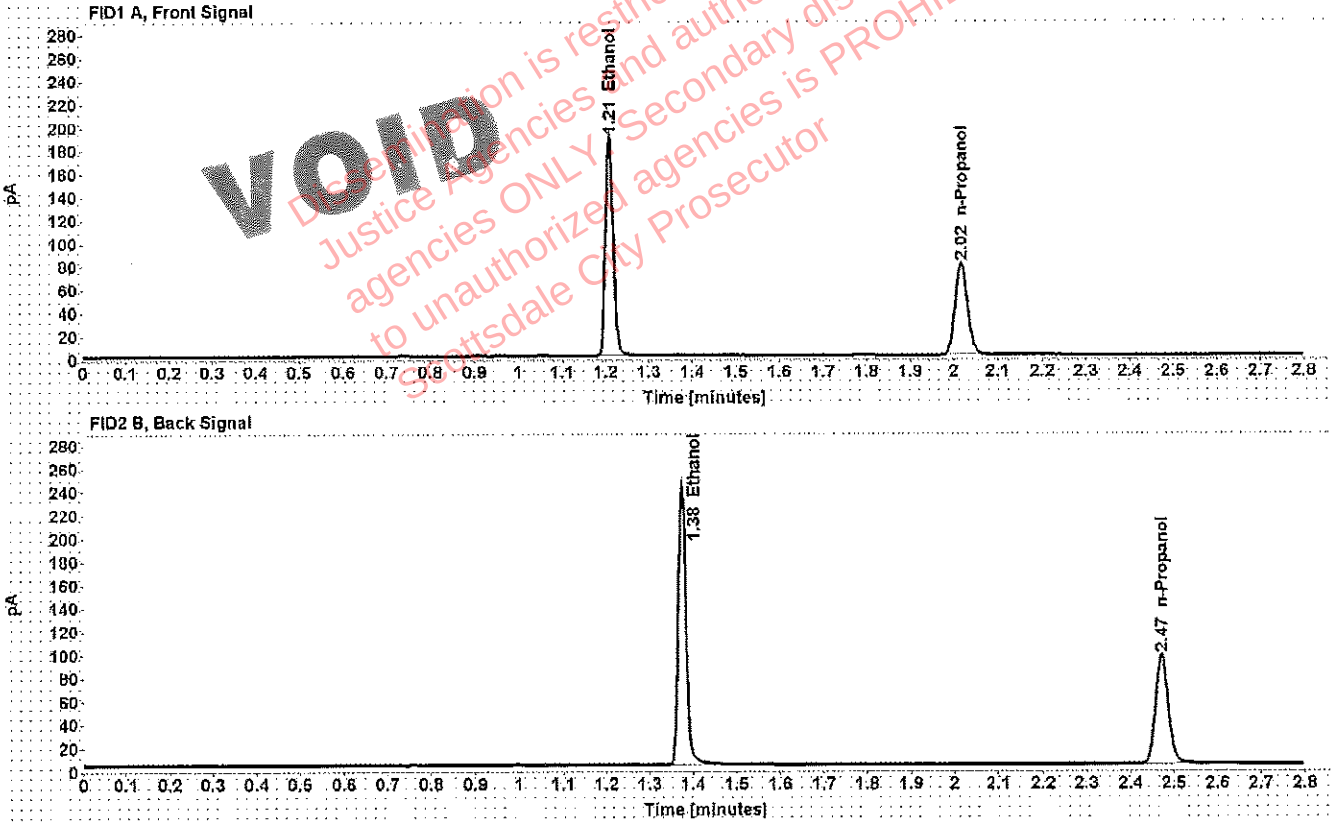


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3976	1.209	240.726
n-Propanol	------	2.016	158.534

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.375	298.934
n-Propanol	2.472	191.414

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.040 09022015-A	**Item number:**	
Injection date:	3/7/2019 11:46:10 AM	**Vial:**	8
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\8.D		

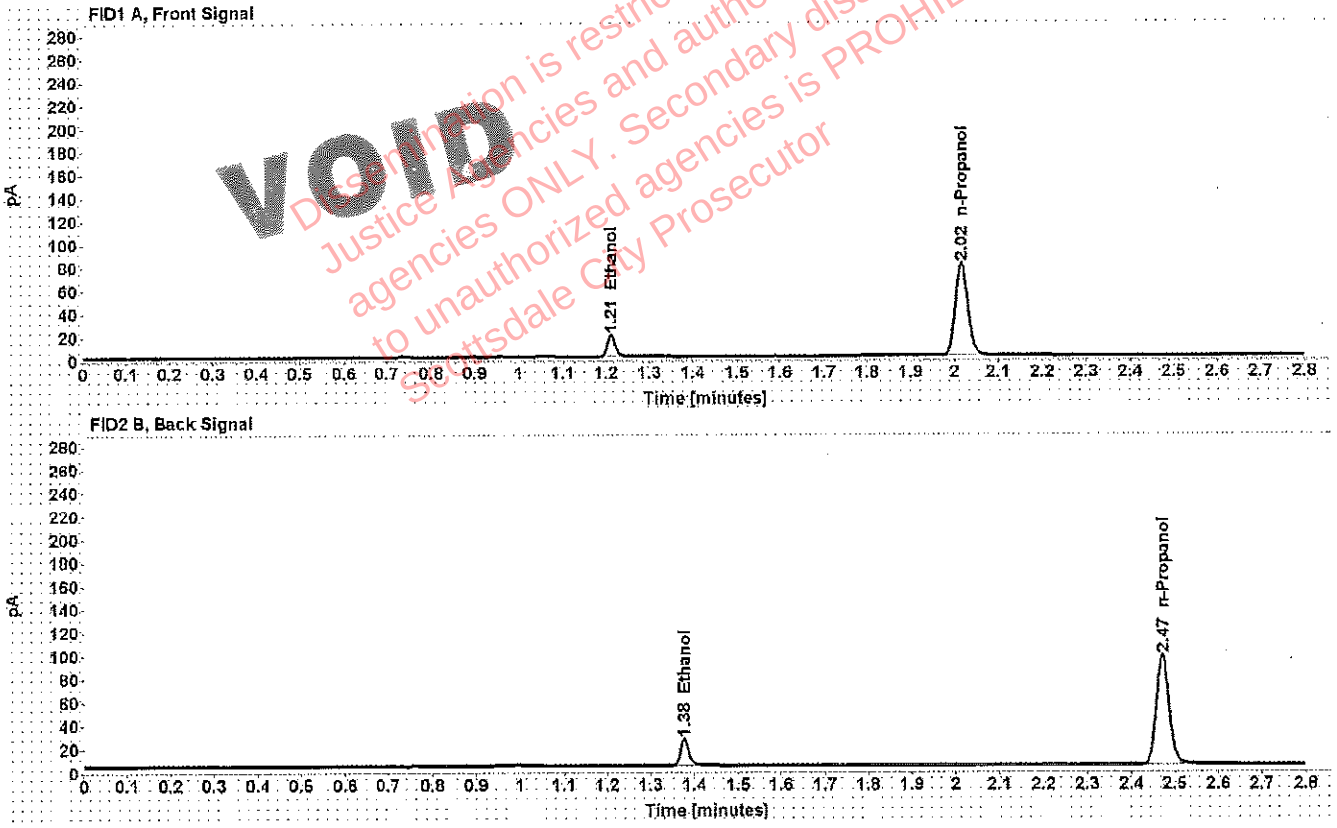


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.211	23.681
n-Propanol	------	2.016	159.087

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.377	29.075
n-Propanol	2.472	192.687

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.198 407041529/13	**Item number:**	
Injection date:	3/7/2019 11:50:08 AM	**Vial:**	9
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\9.D		

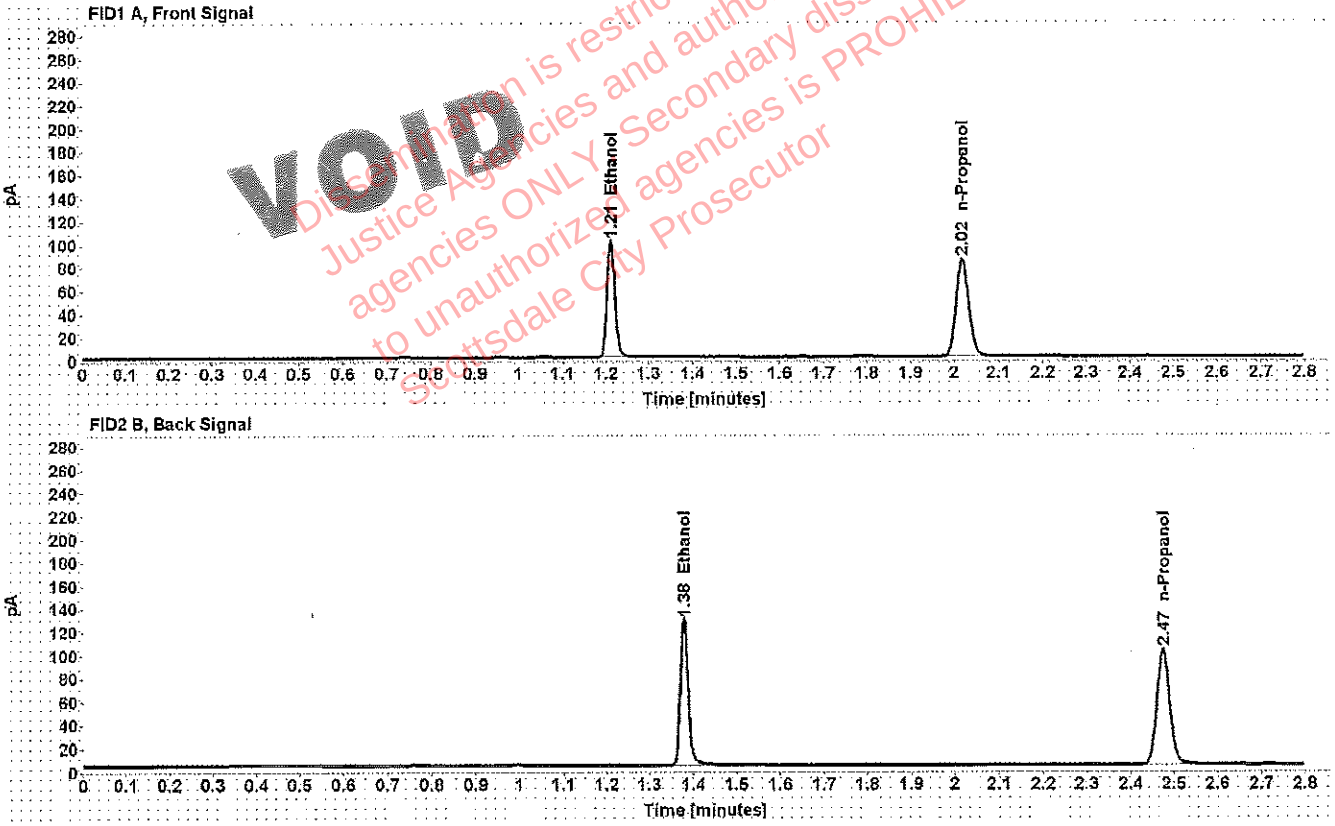


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.211	129.135
n-Propanol	------	2.018	168.374

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.379	159.482
n-Propanol	2.475	204.035

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0.080 28082014-B	**Item number:**	
Injection date:	3/7/2019 12:34:38 PM	**Vial:**	20
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\20.D		

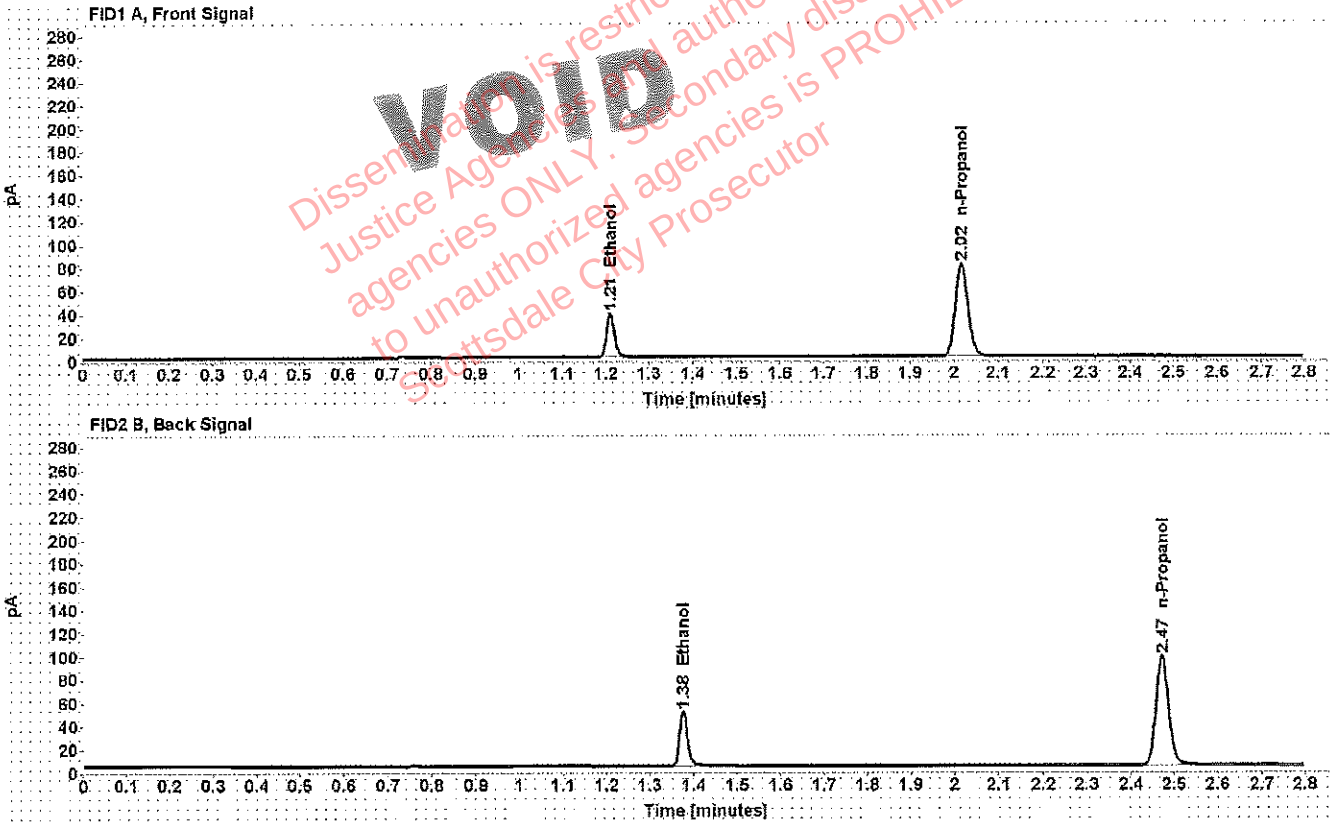


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.210	48.670
n-Propanol	------	2.016	159.621

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.376	59.647
n-Propanol	2.472	193.476

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1233969
Injection date:	3/7/2019 11:54:08 AM	**Vial:**	10
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\10.D		

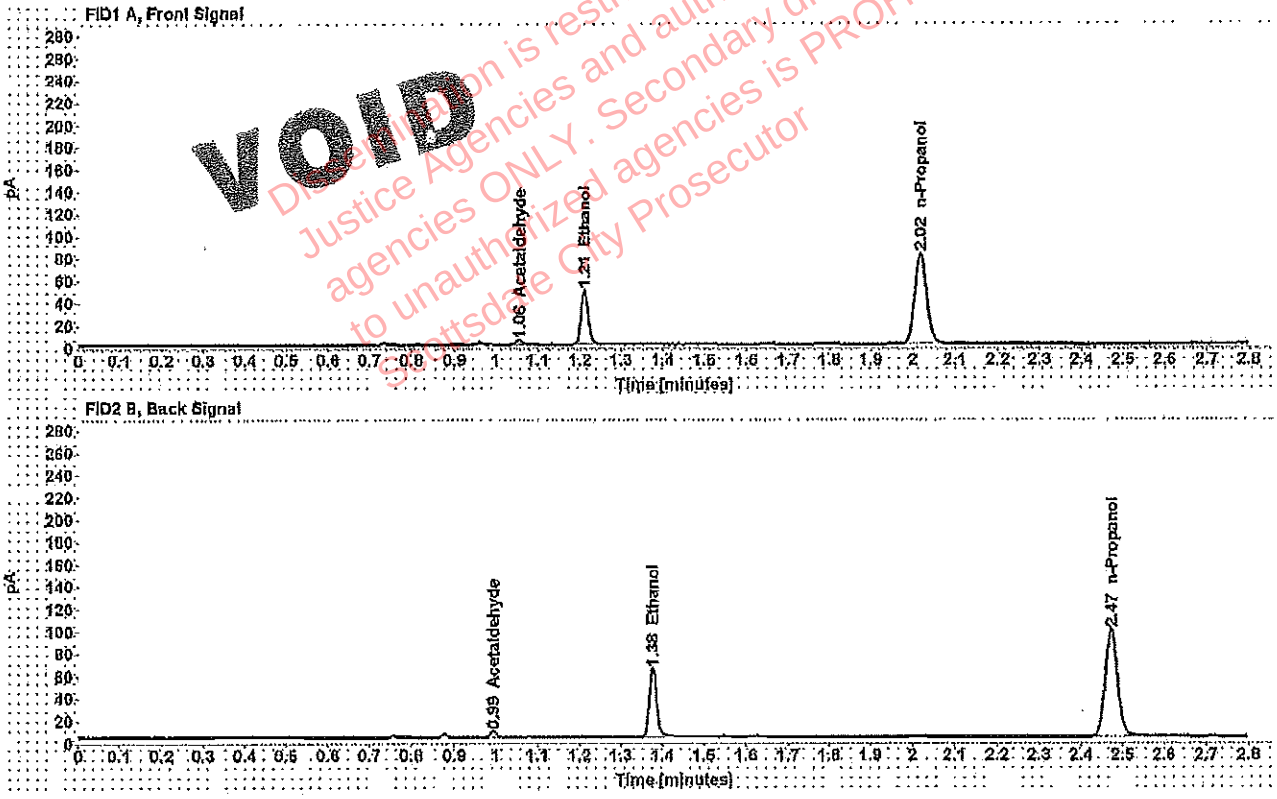


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4,165
>Ethanol	0.1019	1.211	62.668
n-Propanol	------	2.017	162.697

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.438
Ethanol	1.377	76.717
n-Propanol	2.472	197.518

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1233969
Injection date:	3/7/2019 11:58:08 AM	**Vial:**	11
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\11.D		

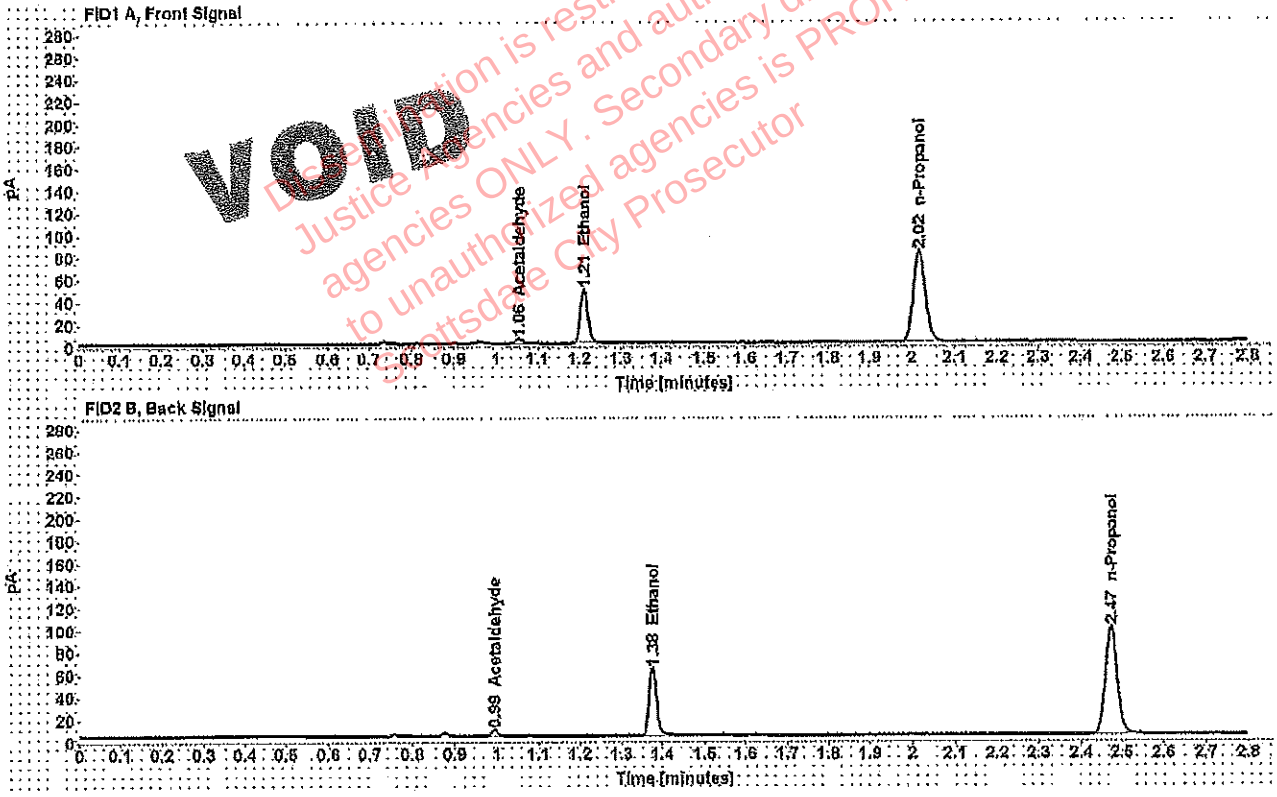


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4.143
>Ethanol	0.1011	1.210	62.019
n-Propanol	------	2.017	162.184

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.452
Ethanol	1.376	75.997
n-Propanol	2.472	196.722

[redacted]: Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1251096
Injection date:	3/7/2019 12:02:08 PM	**Vial:**	12
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\12.D		

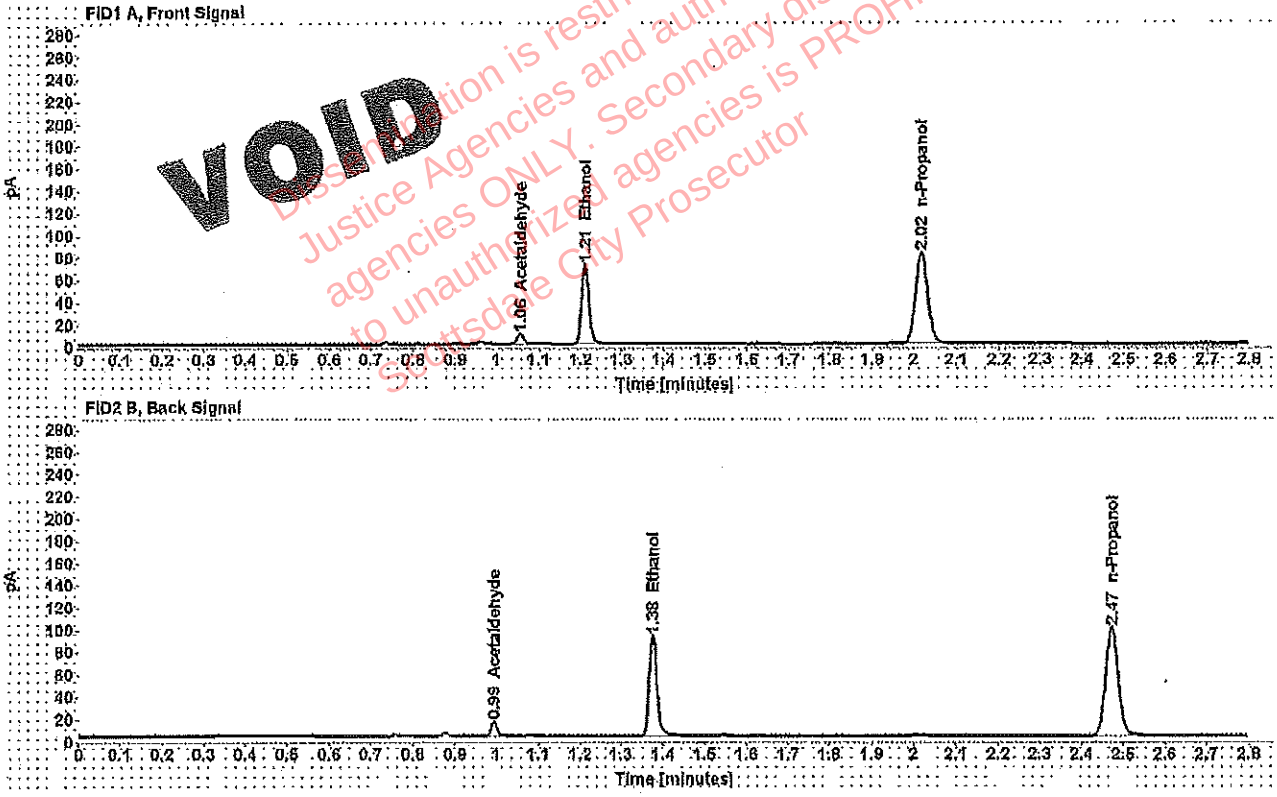


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	9.615
>Ethanol	0.1468	1.210	91.475
n-Propanol	------	2.017	164.073

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	12.508
Ethanol	1.377	113.212
n-Propanol	2.473	199.039

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1251096
Injection date:	3/7/2019 12:06:23 PM	**Vial:**	13
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\13.D		

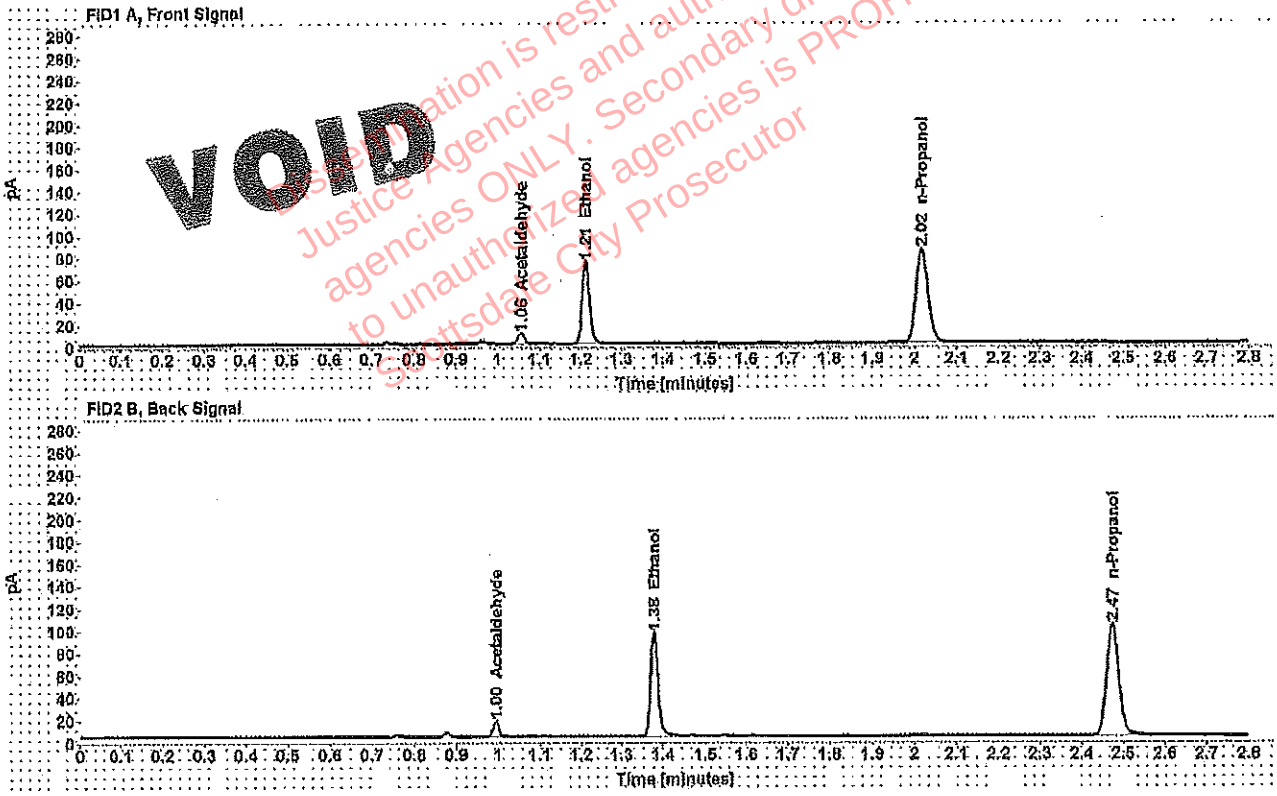


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	10,003
>Ethanol	0.1493	1.211	95,367
n-Propanol	------	2.018	168,240

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	13,011
Ethanol	1.378	117,855
n-Propanol	2.474	204,349

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1257272
Injection date:	3/7/2019 12:10:23 PM	**Vial:**	14
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\14.D		

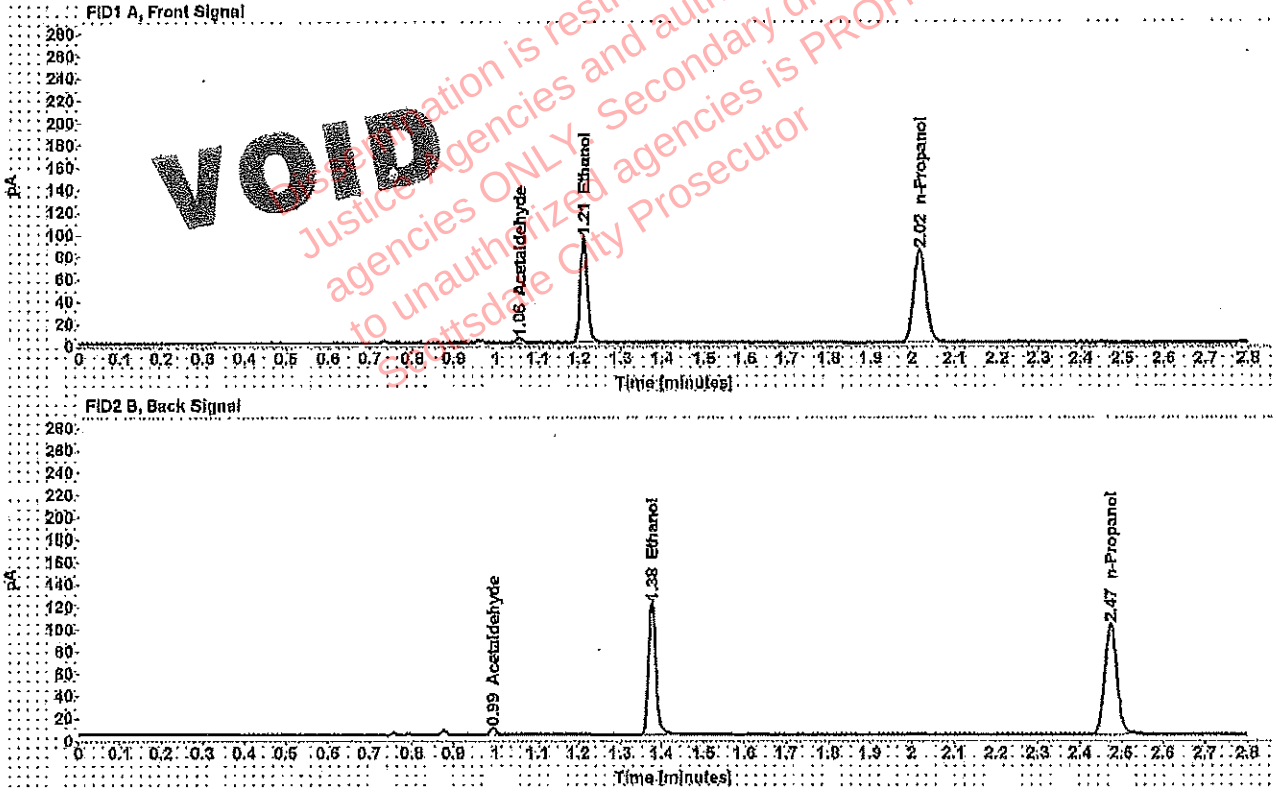


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4,144
>Ethanol	0.1905	1.210	120.712
n-Propanol	------	2.017	166.497

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.462
Ethanol	1.376	149.839
n-Propanol	2.473	202.036

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1257272
Injection date:	3/7/2019 12:14:23 PM	**Vial:**	15
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
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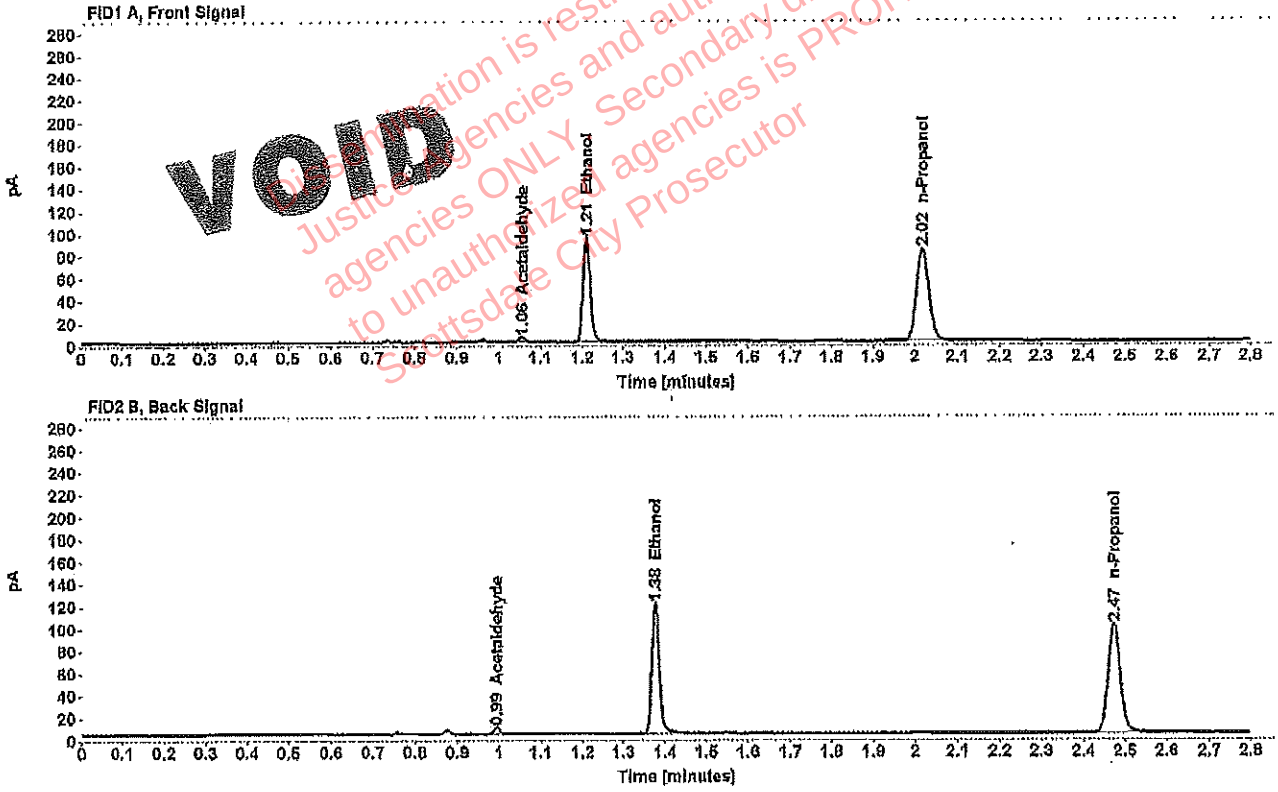

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4,126
>Ethanol	0.1902	1.210	119,551
n-Propanol	------	2.017	165,179

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5,443
Ethanol	1.376	148,900
n-Propanol	2.473	200,184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254585
Injection date:	3/7/2019 12:18:23 PM	**Vial:**	16
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\16.D		

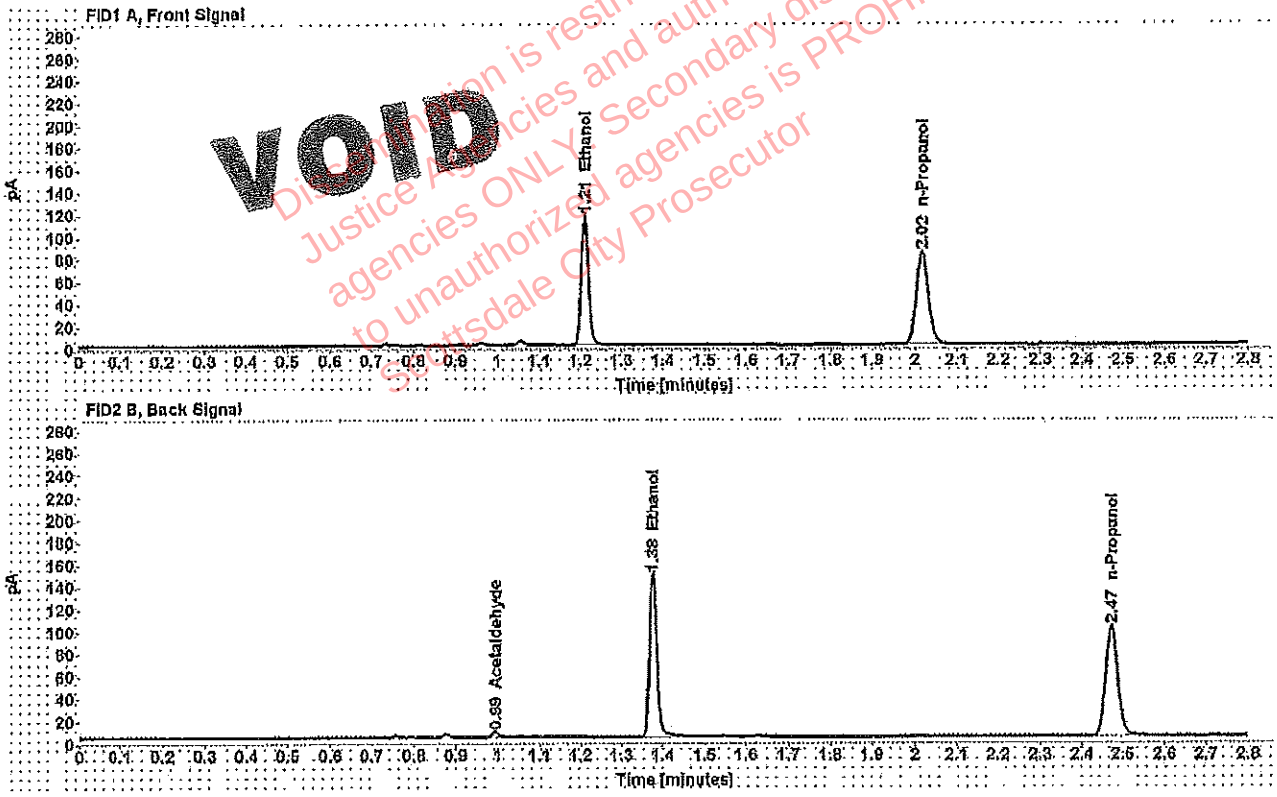

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2336	1.210	148.208
n-Propanol	------	2.017	166.535

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.840
Ethanol	1.376	183.183
n-Propanol	2.473	202.133

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254585
Injection date:	3/7/2019 12:22:23 PM	**Vial:**	17
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
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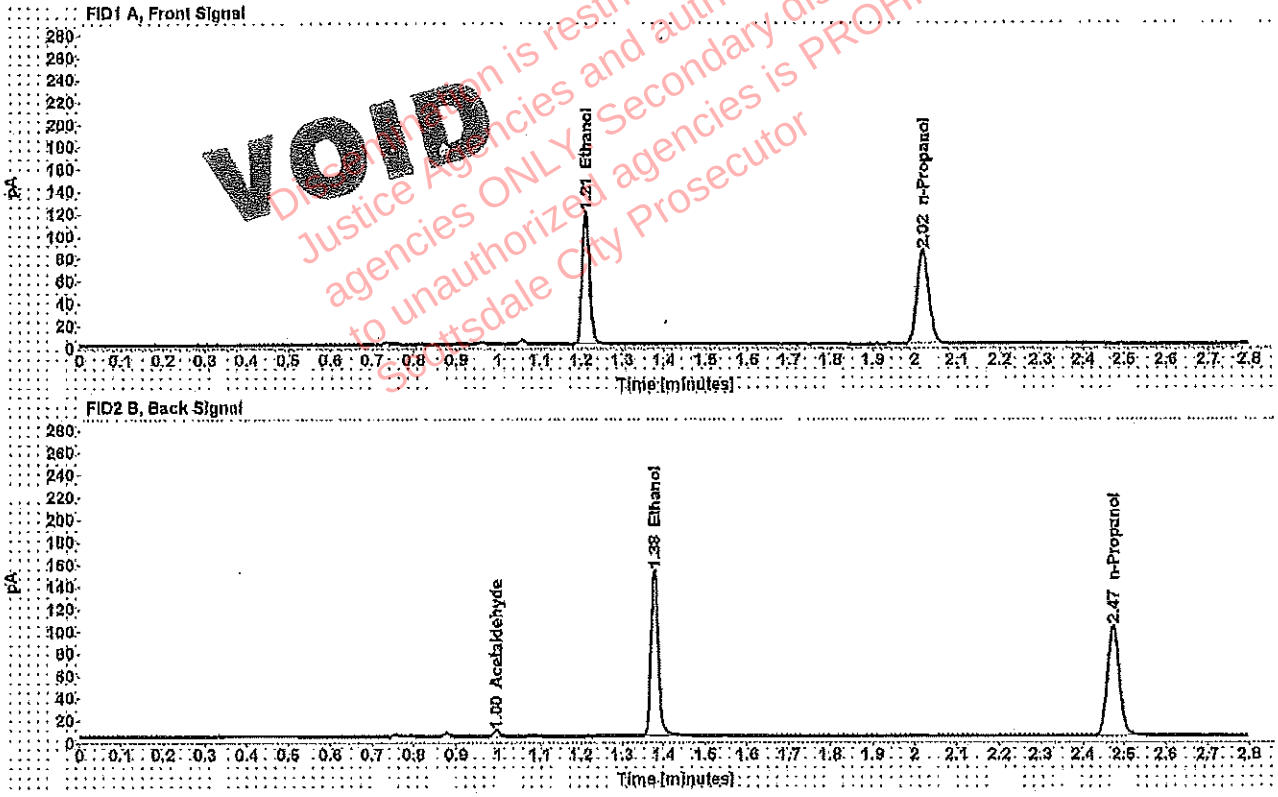

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2388	1.211	152.305
n-Propanol	------	2.018	167.337

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	4.772
Ethanol	1.378	188.314
n-Propanol	2.474	202.887

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1235876
Injection date:	3/7/2019 12:26:23 PM	**Vial:**	18
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\18.D		

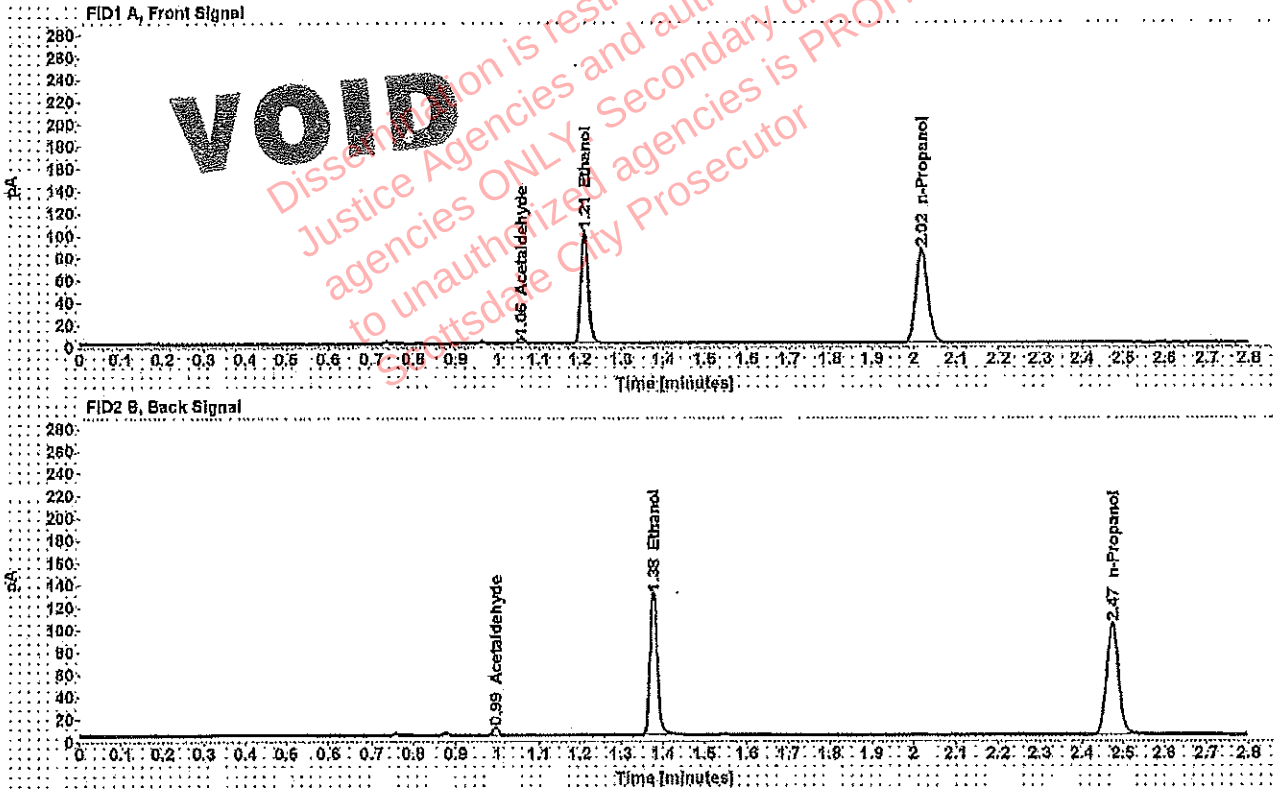

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	5.034
>Ethanol	0.2023	1.211	129.752
n-Propanol	------	2.018	168.478

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	6.579
Ethanol	1.377	160.145
n-Propanol	2.474	204.501

[redacted]: Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1235876
Injection date:	3/7/2019 12:30:38 PM	**Vial:**	19
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\19.D		

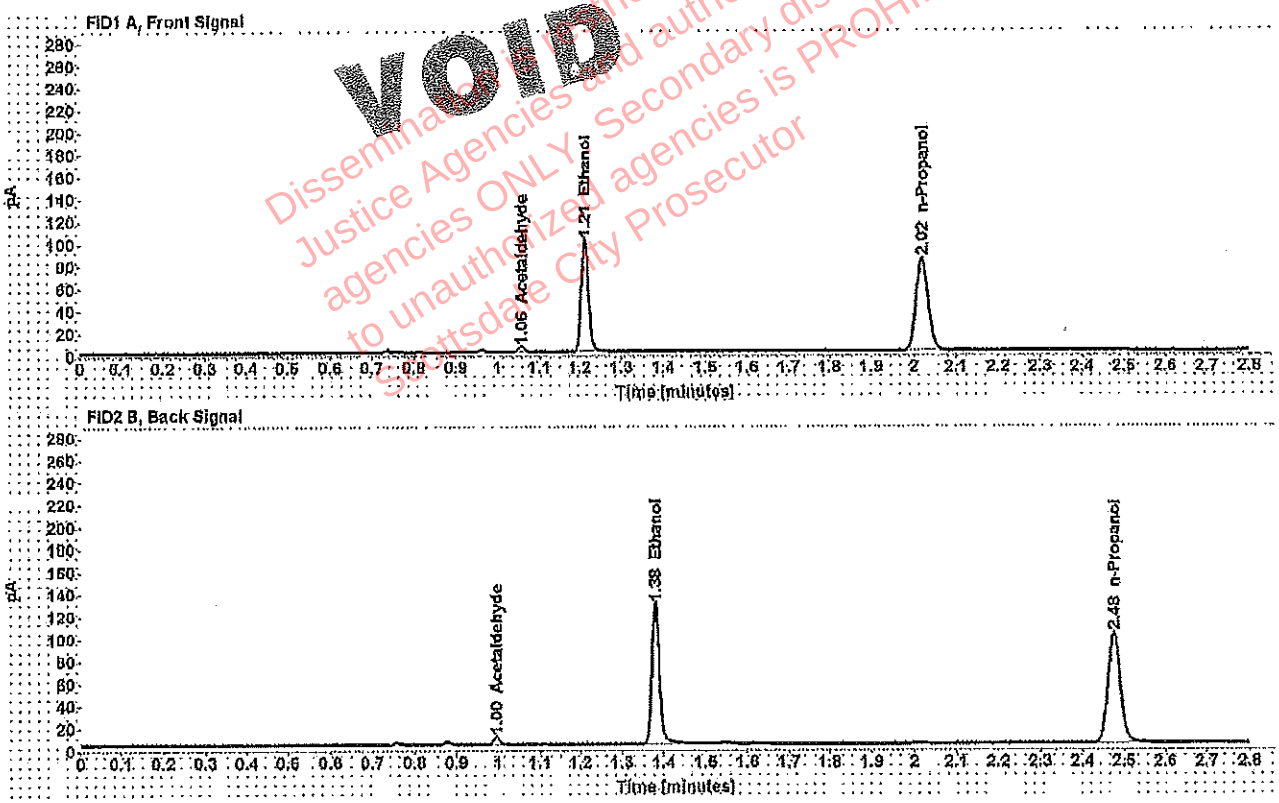

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.057	4.976
>Ethanol	0.2034	1.212	129.058
n-Propanol	------	2.019	166.702

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	6.475
Ethanol	1.380	159.104
n-Propanol	2.476	202.205

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254336
Injection date:	3/7/2019 12:38:38 PM	**Vial:**	21
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\21.D		

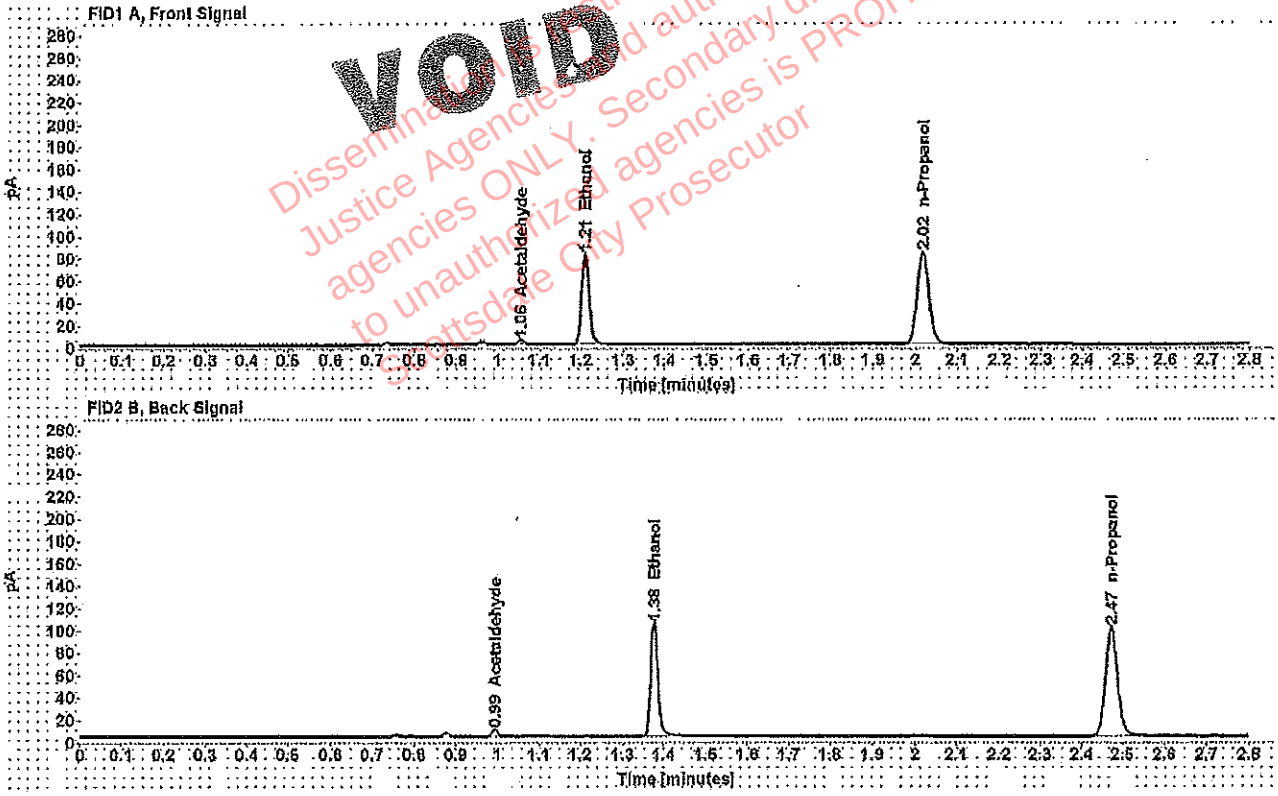

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4.394
>Ethanol	0.1656	1.210	103.486
n-Propanol	------	2.017	164.413

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.775
Ethanol	1.376	127.462
n-Propanol	2.473	199.453

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254336
Injection date:	3/7/2019 12:42:38 PM	**Vial:**	22
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\22.D		

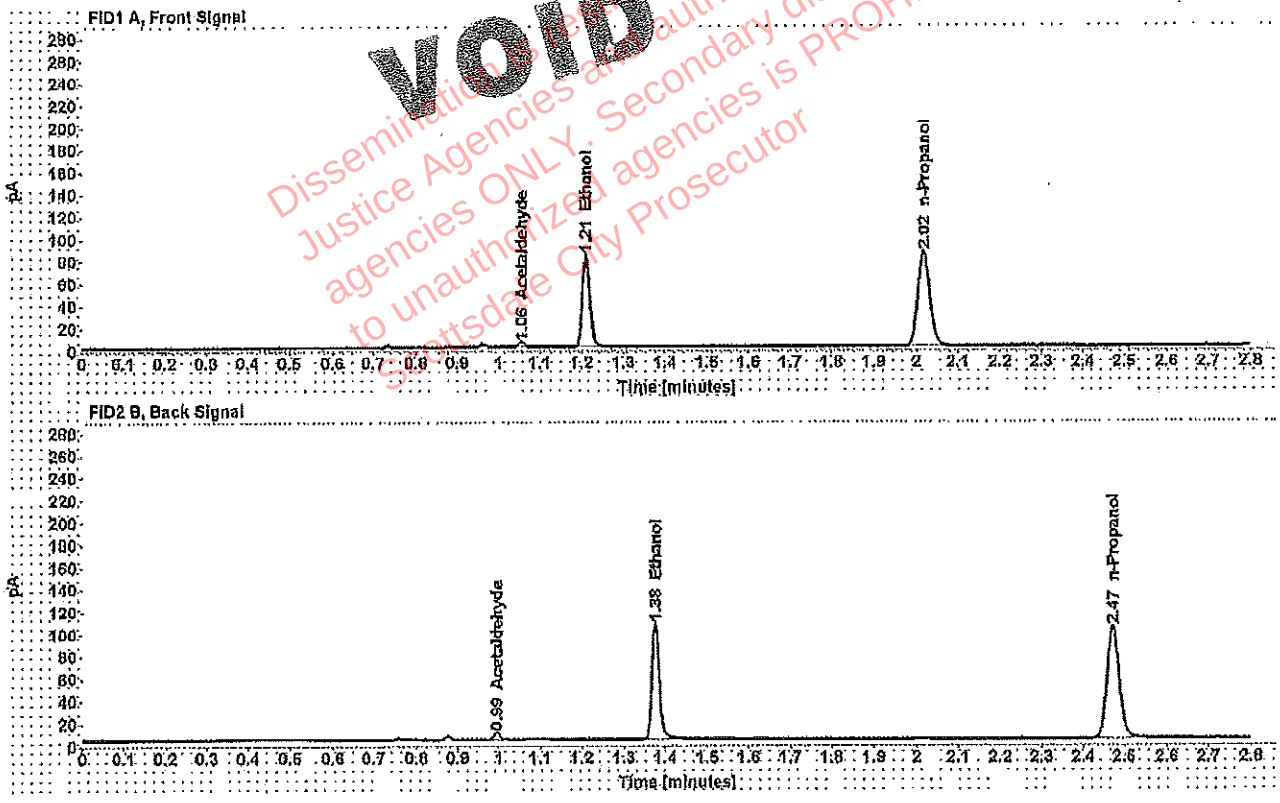

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4.570
>Ethanol	0.1651	1.210	105.912
n-Propanol	------	2.017	168.732

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.983
Ethanol	1.377	130.350
n-Propanol	2.473	204.886

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254718
Injection date:	3/7/2019 12:46:38 PM	**Vial:**	23
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\23.D		

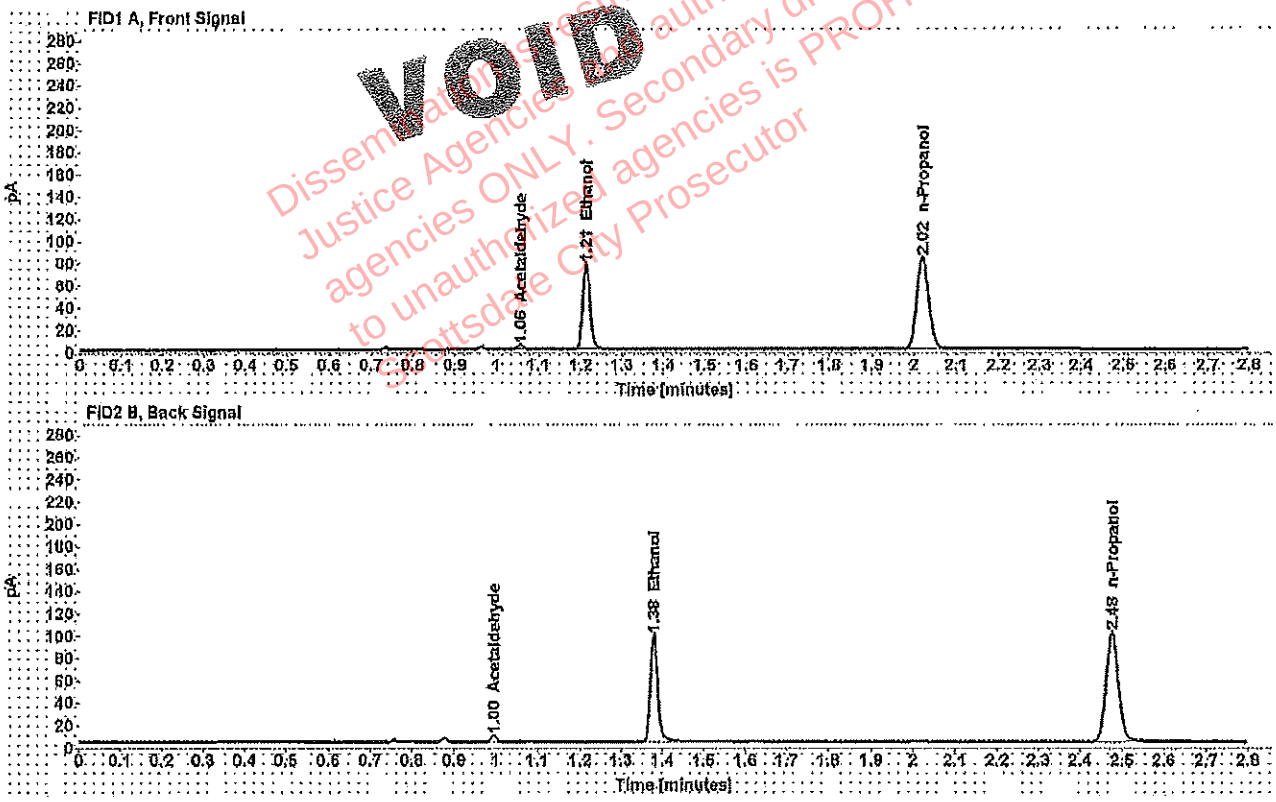

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.057	4.015
>Ethanol	0.1567	1.212	98.724
n-Propanol	------	2.019	165.843

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.996	5.223
Ethanol	1.380	123.133
n-Propanol	2.475	201.283

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254718
Injection date:	3/7/2019 12:50:38 PM	**Vial:**	24
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\24.D		

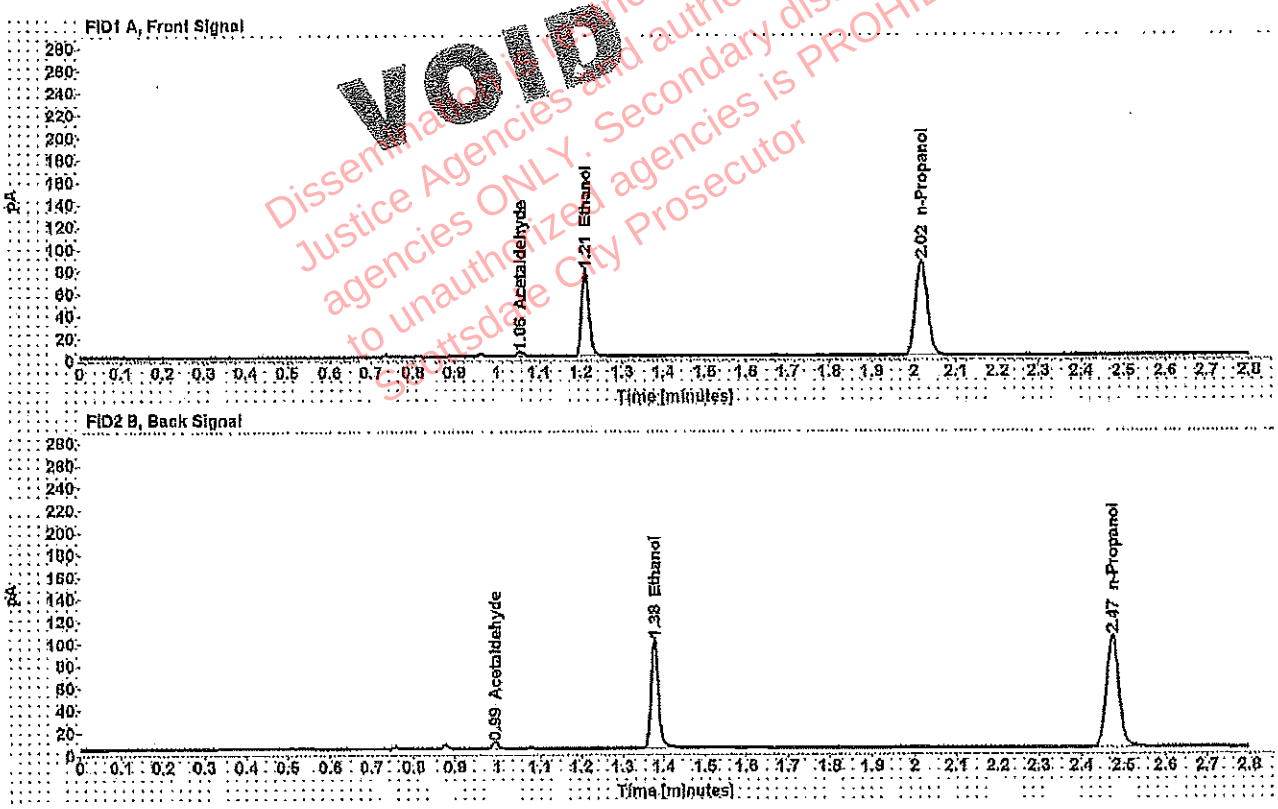

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	------	1.056	4.046
>Ethanol	0.1549	1.210	99.294
n-Propanol	------	2.017	168.759

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.292
Ethanol	1.377	122.085
n-Propanol	2.473	205.184

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254566
Injection date:	3/7/2019 12:54:53 PM	**Vial:**	25
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\25.D		

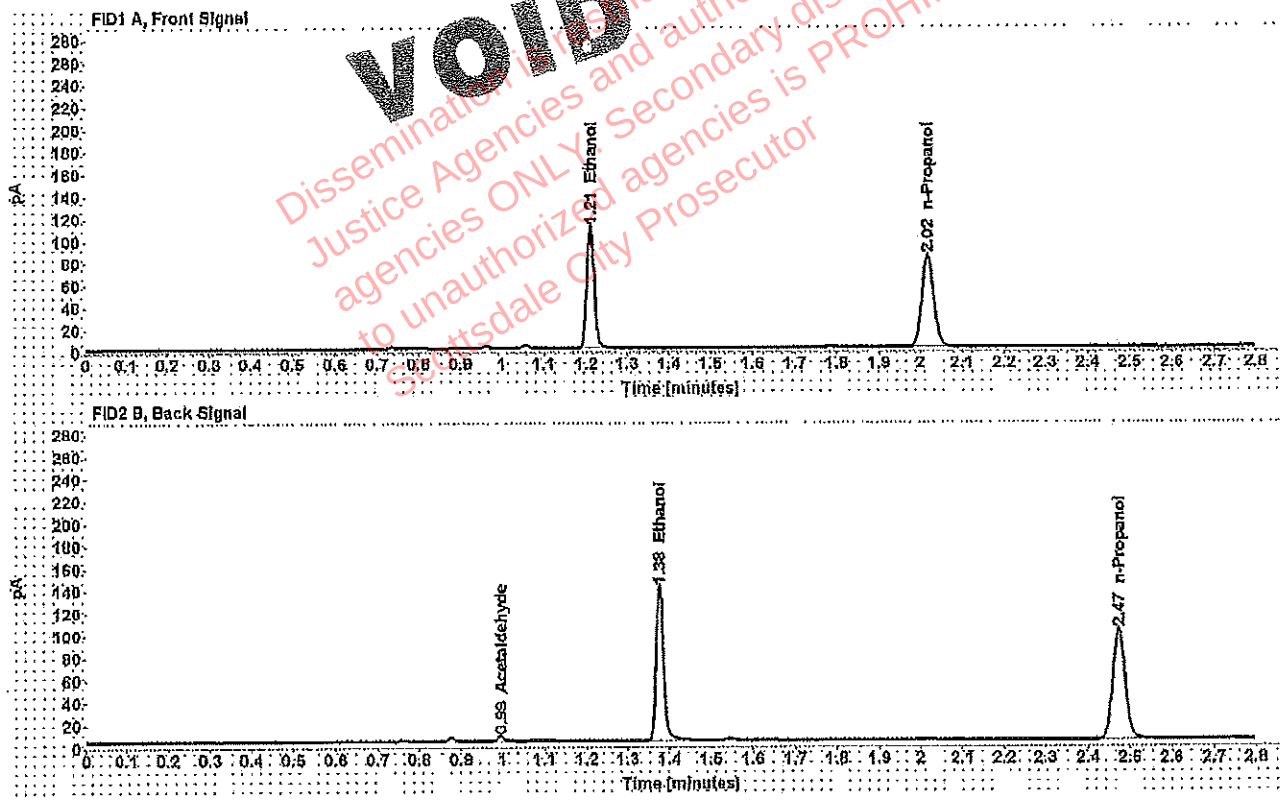

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2218	1.210	140.637
n-Propanol	------	2.017	166.430

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.890
Ethanol	1.376	173.651
n-Propanol	2.473	202.267

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1254566
Injection date:	3/7/2019 12:58:53 PM	**Vial:**	26
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\26.D		

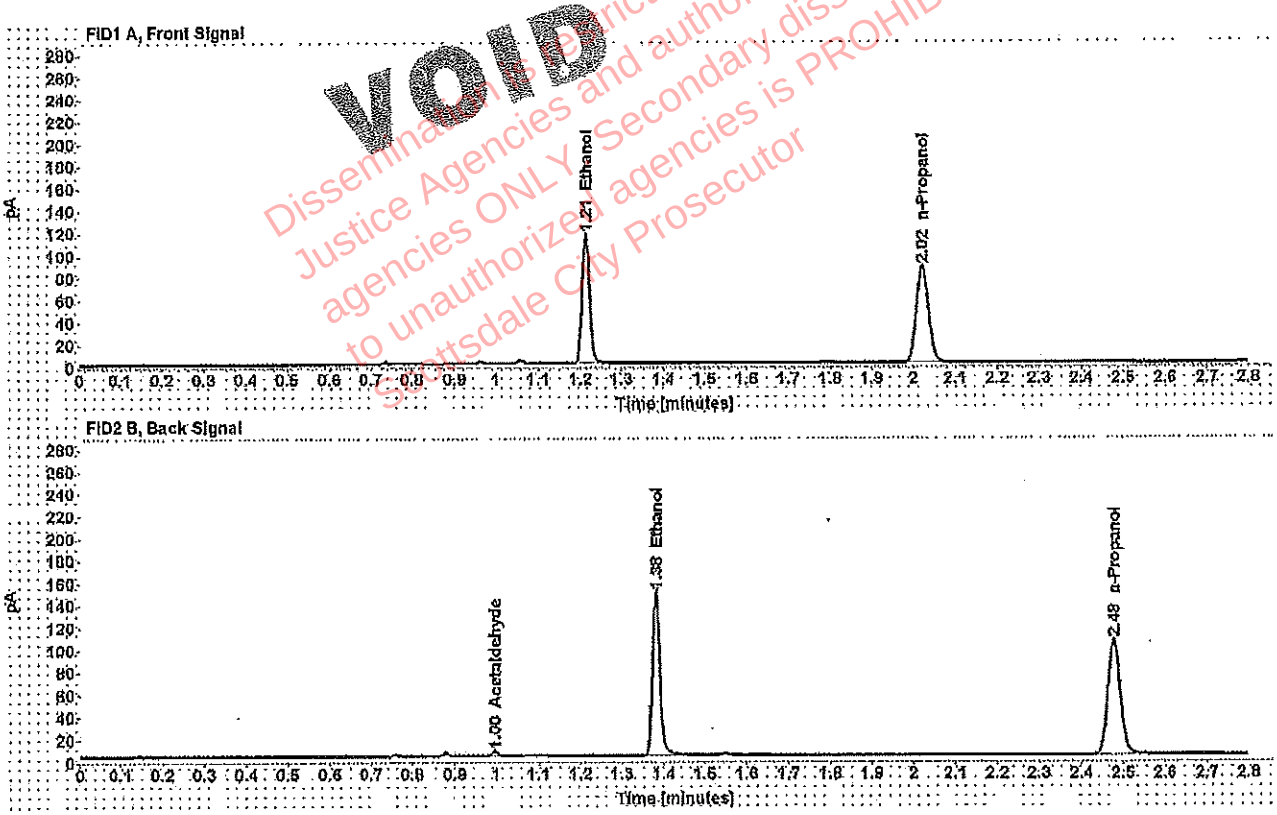

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2278	1.213	150.489
n-Propanol	------	2.020	173.418

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.997	3.953
Ethanol	1.381	187.632
n-Propanol	2.477	210.854

[redacted] Adrian, William - (19-Mar-2019)

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	**Item number:**	1232606
Injection date:	3/7/2019 1:02:53 PM	**Vial:**	27
Method:	ethanol quant.M	**Sequence:**	7Mar19
Instrument:	US14173023 CN14160045	**Analyst:**	Adrian
Data file:	C:\Chem32\1\Data\7Mar19\27.D		

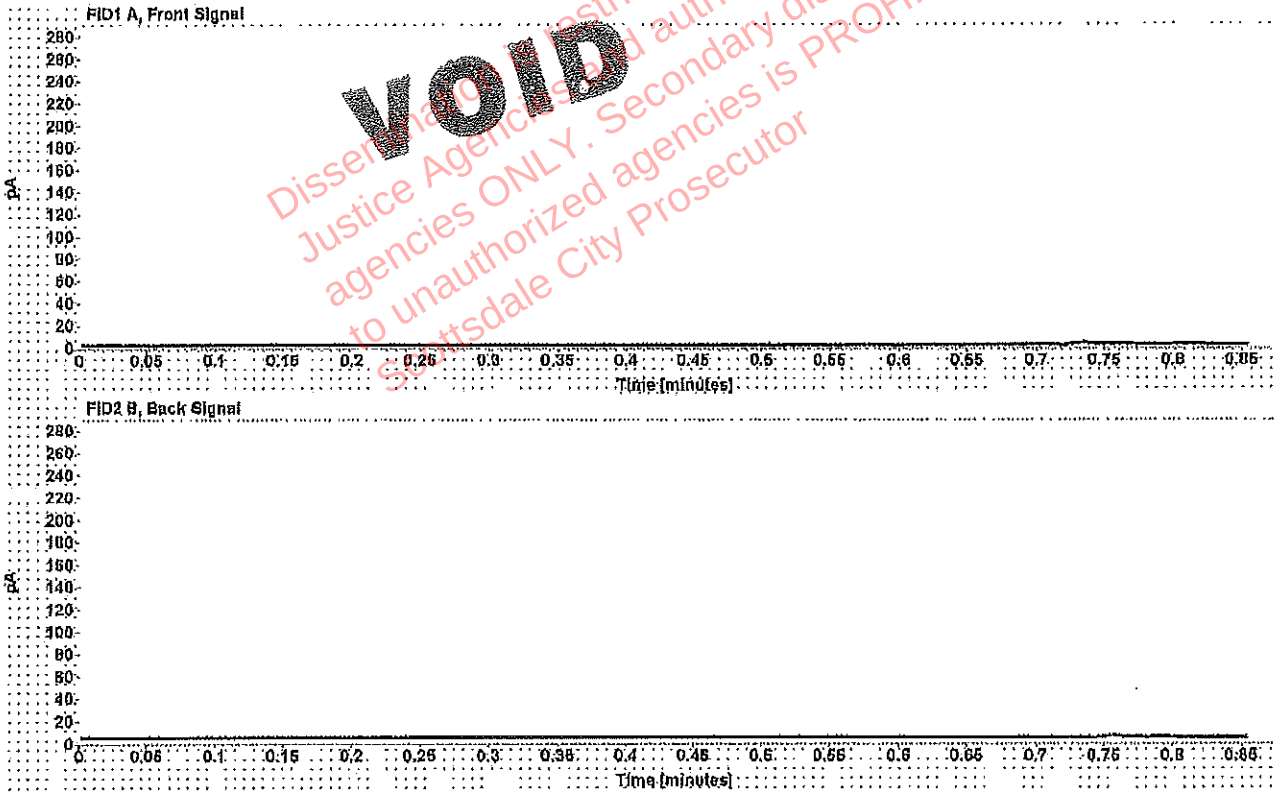

Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area