

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/16/19 SEQUENCE NAME 16Sept19

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN02271802 1.00000
 Vial 3 0.20 calibrator Lot FN06231704
 Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	blank	Not detected	Not detected	SPD lab 061219
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
53	Aqueous control	0.400 g/dL	0.409 g/dL	Lipomed 08012015-C
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
55	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
56	blank	Not detected	Not detected	SPD Lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid KOSECKI 9/17/19 Analyst
 Run valid Run invalid [Signature] 9/18/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

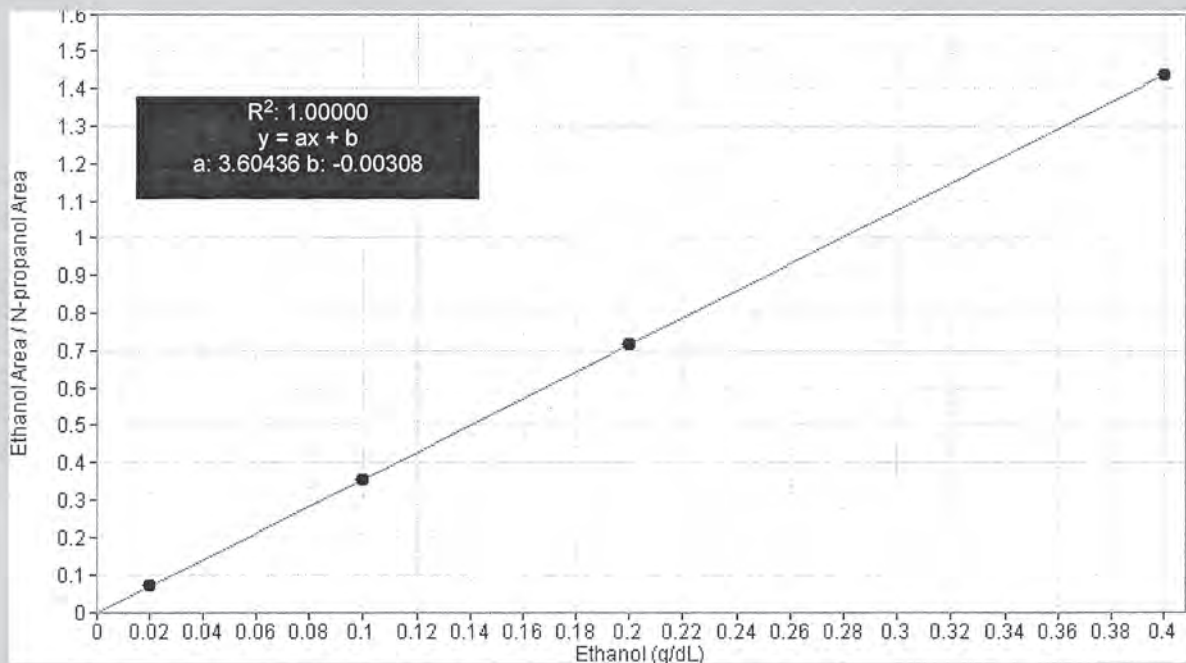
SEQUENCE NAME: 16Sept19

ANALYST: Kosecki ^A

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 061219	5	negative	negative	-	-
0.400 08012015-C	7	0.402	0.400	0.50	0.002
0.040 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.150 09022015-C	31	0.152	0.150	1.33	0.002
0.198 407041529/13	42	0.199	0.198	0.51	0.001
0.40 08012015-C	53	0.409	0.400	2.25	0.009
0.04 09022015-A	54	0.040	0.040	0.00	0.000
0.198 407041529/13	55	0.201	0.198	1.52	0.003
blank 040919WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.805	170.300	0.069
0.100	61.235	171.825	0.356
0.200	120.684	167.924	0.719
0.400	244.449	169.939	1.439

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 16Sept19
Method: ethanol quant.M	Injection date: 9/16/2019 2:11:33 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
Data file: C:\Chem32\11\Data\16Sept19\1.D	

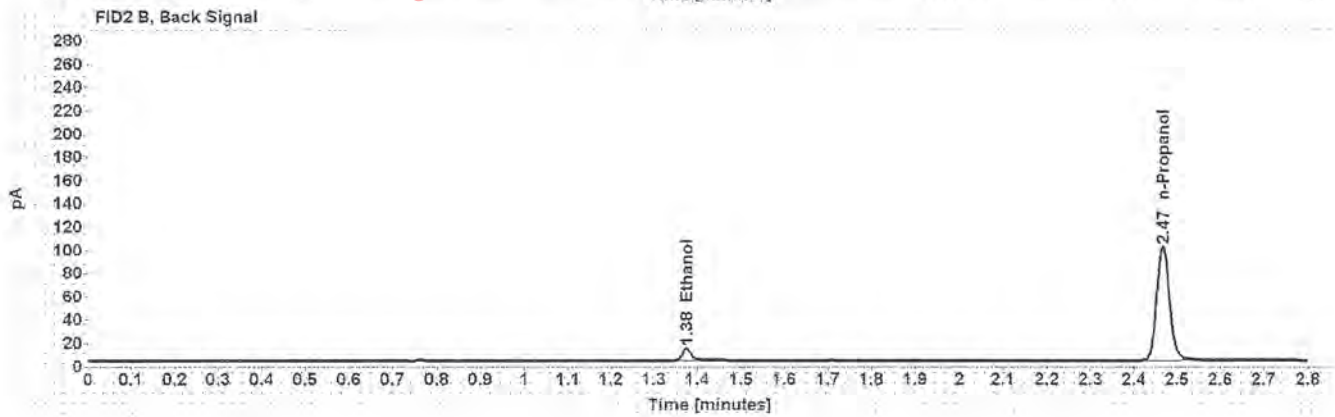


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.805
n-Propanol	2.014	170.300

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.343
n-Propanol	2.467	202.073

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 16Sept19
Method: ethanol quant.M	Injection date: 9/16/2019 2:15:33 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki A
Data file: C:\Chem32\1\Data\16Sept19\2.D	

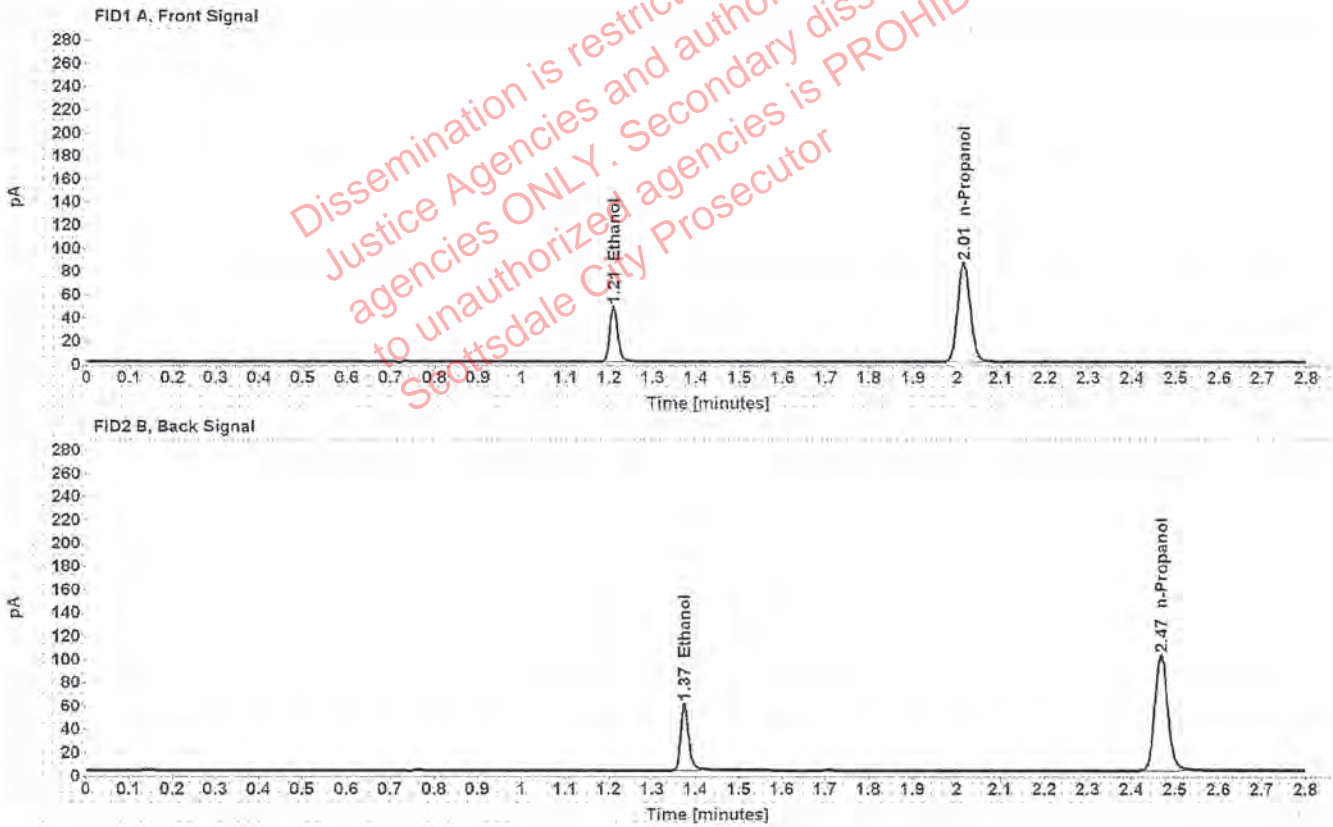


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.235
n-Propanol	2.014	171.825

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.845
n-Propanol	2.468	205.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 16Sept19
Method: ethanol quant.M	Injection date: 9/16/2019 2:19:34 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\16Sept19\3.D	

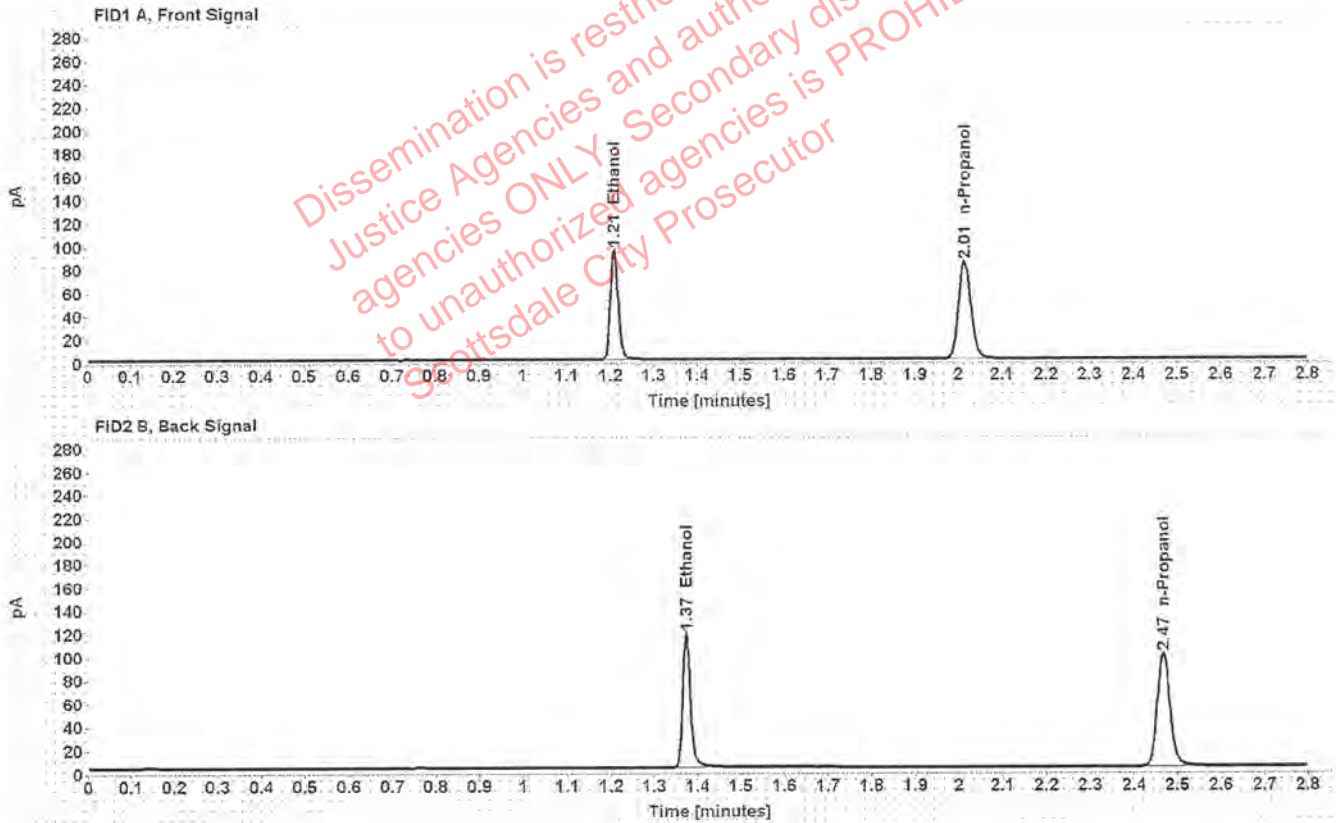


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	120.684
n-Propanol	2.014	167.924

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

Compound	Time (min)	Peak Area
Ethanol	1.373	148.051
n-Propanol	2.467	201.185

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 16Sept19
Method: ethanol quant.M	Injection date: 9/16/2019 2:23:33 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem32\1\Data\16Sept19\4.D	

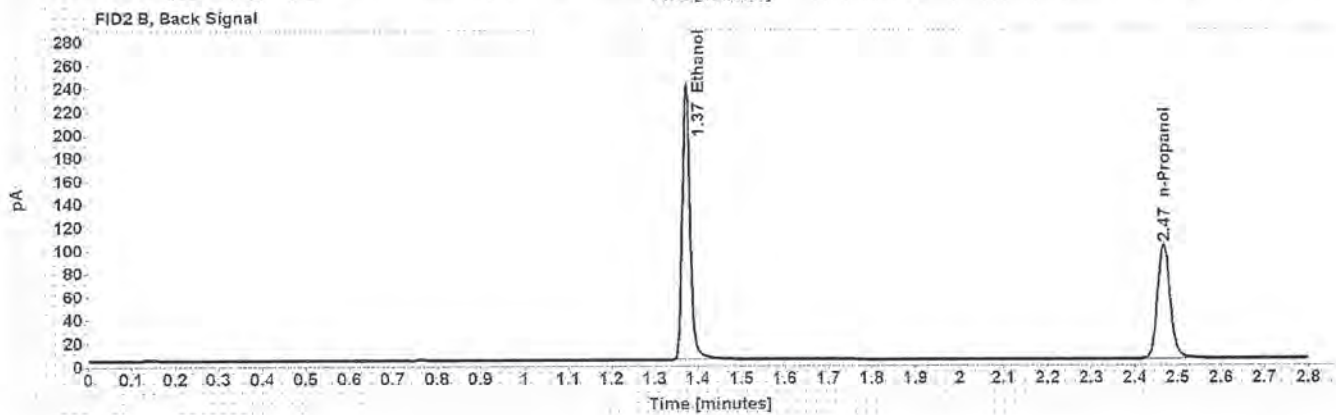
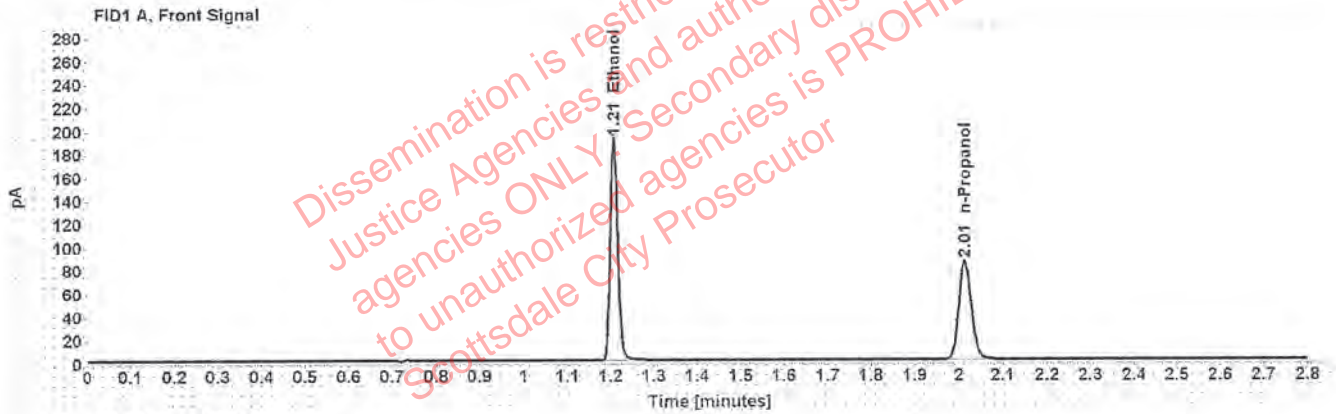


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	244.449
n-Propanol	2.014	169.939

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

Compound	Time (min)	Peak Area
Ethanol	1.373	301.392
n-Propanol	2.467	203.855

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 061219	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 2:27:33 PM
Data file: C:\Chem32\1\Data\16Sept19\5.D	Analyst: Kosecki <i>AK</i>

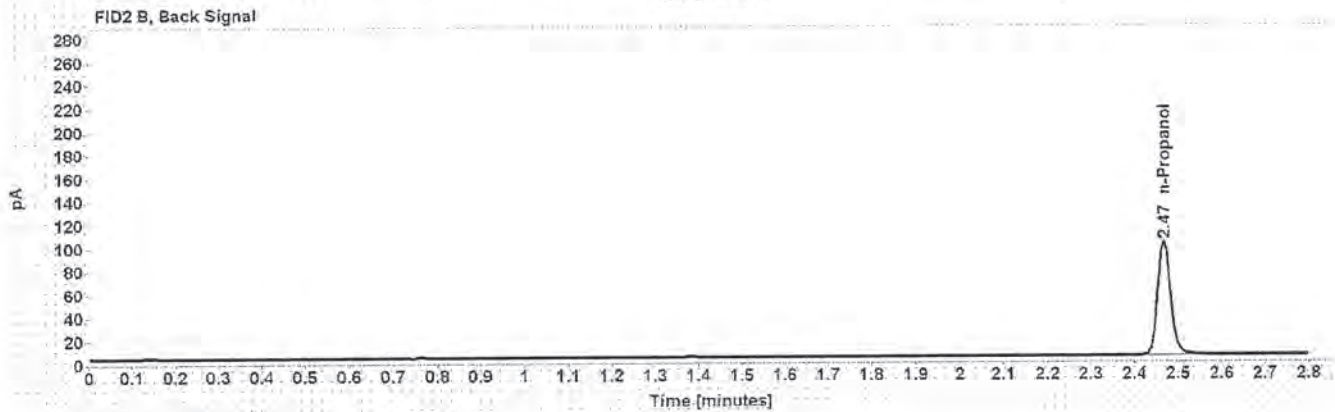
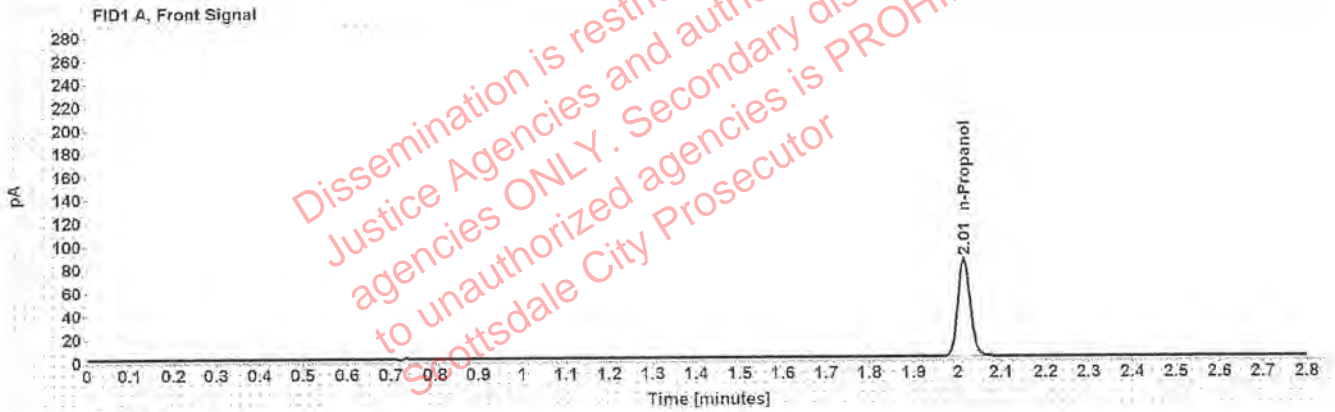


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	169.196

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	202.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 2:31:33 PM
Data file: C:\Chem32\1\Data\16Sept19\6.D	Analyst: Kosecki <i>AK</i>

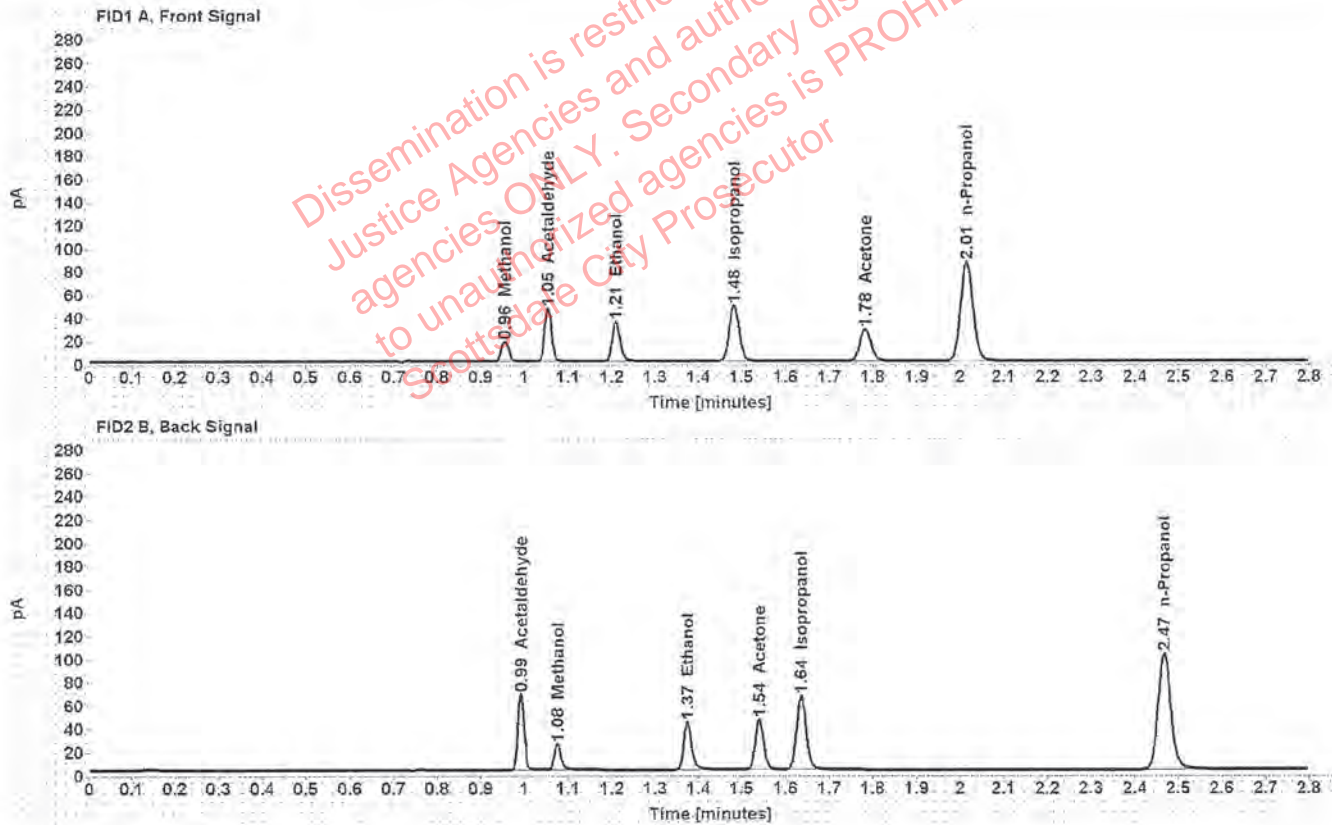


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.385
Acetaldehyde	-----	1.054	50.837
>Ethanol	0.0721	1.209	44.095
Isopropanol	-----	1.482	77.921
Acetone	-----	1.782	48.243
n-Propanol	-----	2.014	171.674

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	65.219
Methanol	1.075	24.579
Ethanol	1.374	53.662
Acetone	1.540	58.203
Isopropanol	1.636	97.967
n-Propanol	2.467	206.571

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 2:35:48 PM
Data file: C:\Chem32\1\Data\16Sept19\7.D	Analyst: Kosecki <i>AK</i>

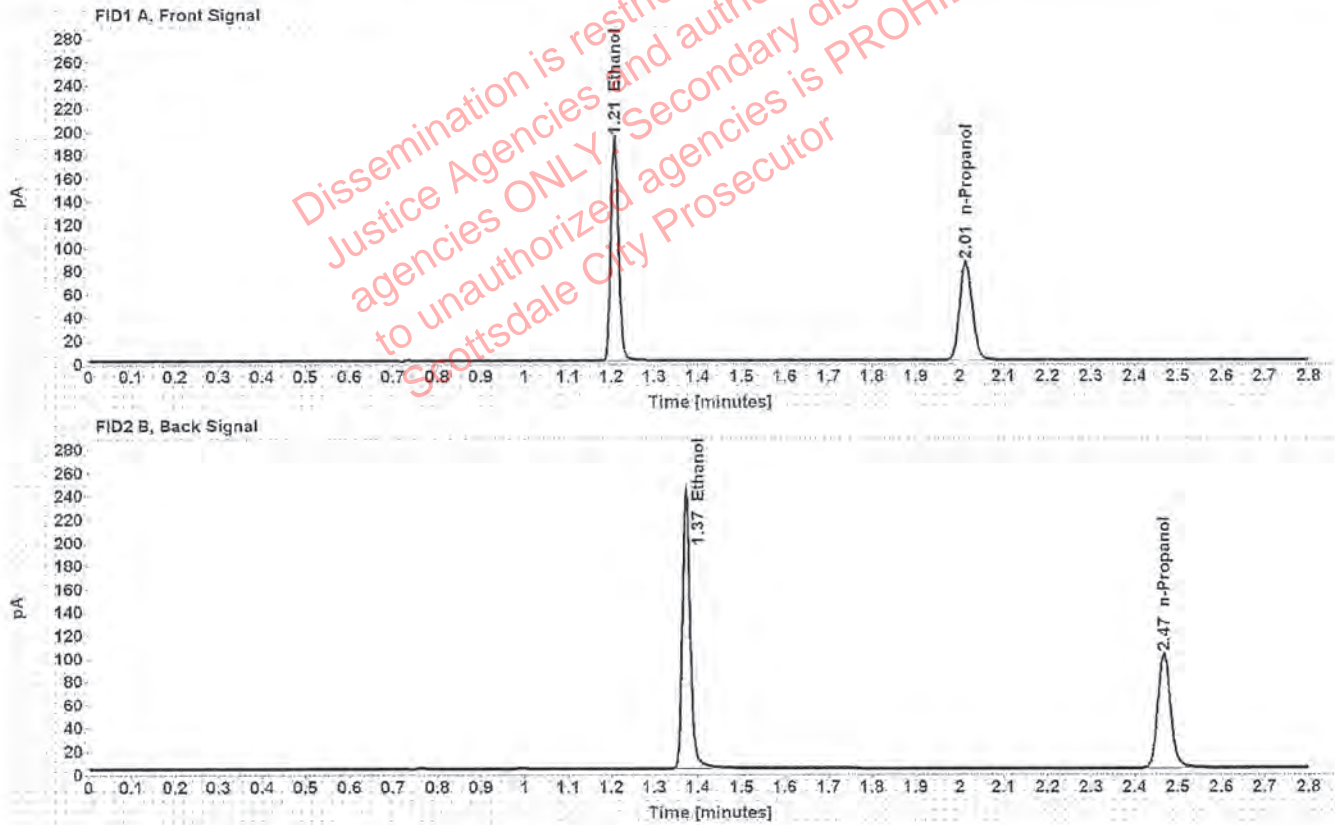


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4024	1.208	246.042
n-Propanol	-----	2.014	170.007

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

Compound	Time (min)	Peak Area
Ethanol	1.373	303.480
n-Propanol	2.467	203.721

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 2:39:48 PM
Data file: C:\Chem32\1\Data\16Sept19\8.D	Analyst: Kosecki <i>K</i>

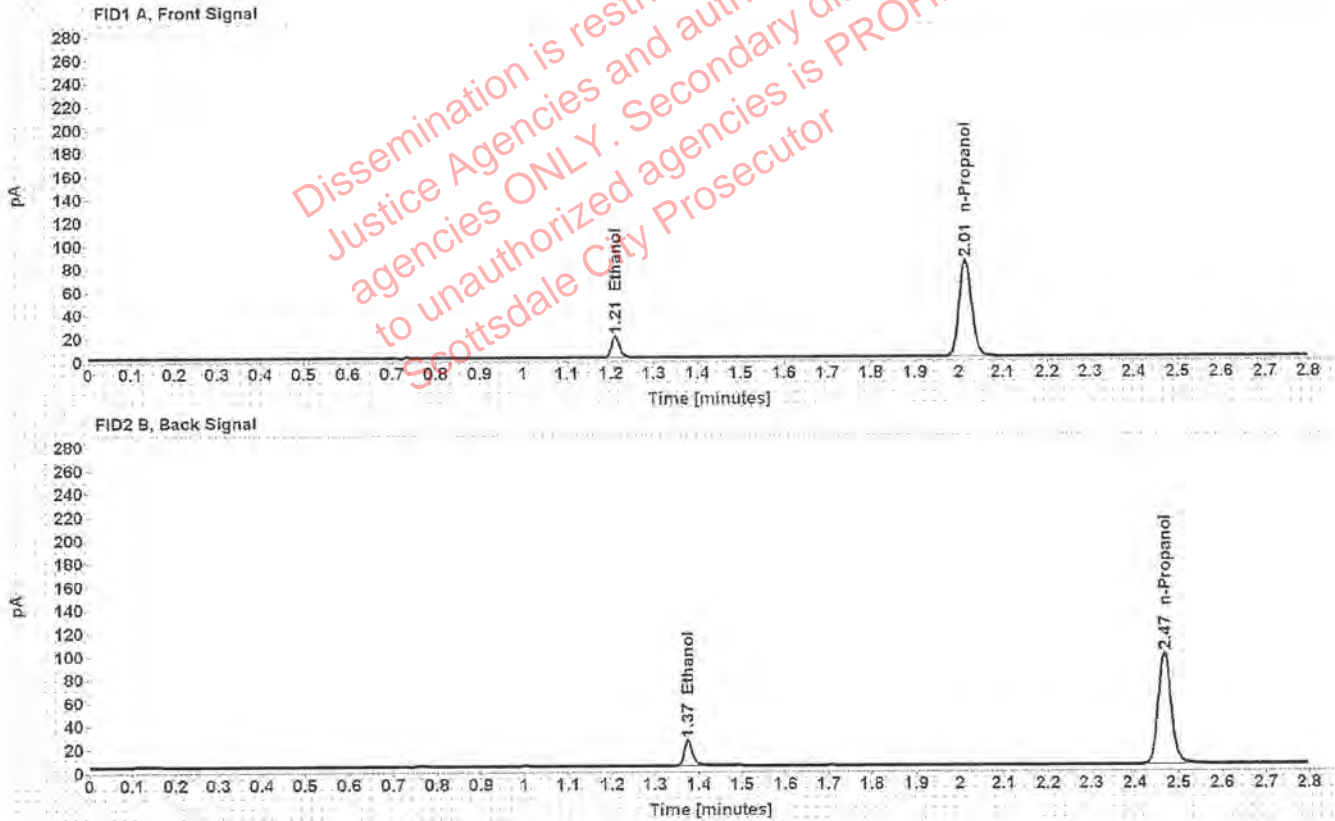


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0397	1.210	23.410
n-Propanol	-----	2.014	166.989

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

Compound	Time (min)	Peak Area
Ethanol	1.375	28.368
n-Propanol	2.468	199.541

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 2:43:49 PM
Data file: C:\Chem32\1\Data\16Sept19\9.D	Analyst: Kosecki AK

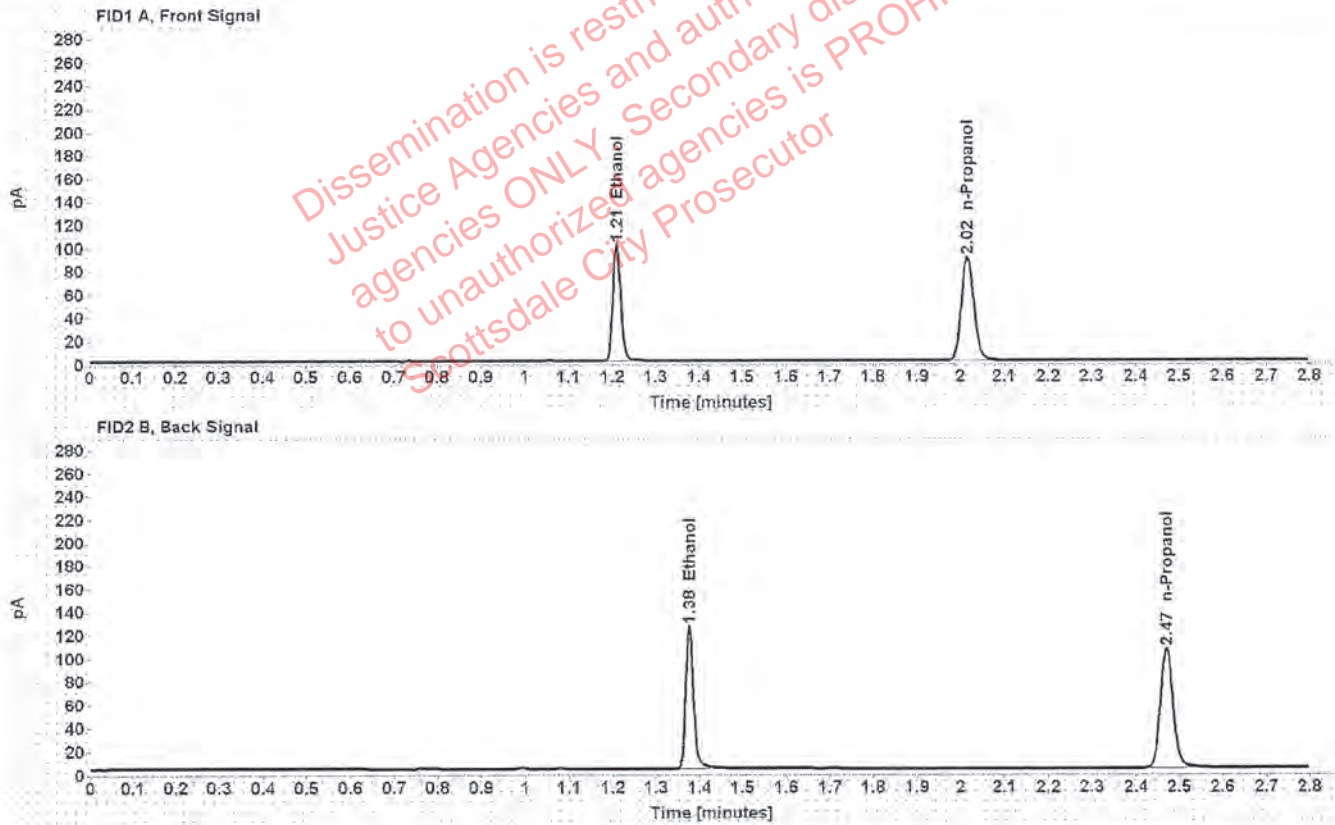


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	128.162
n-Propanol	-----	2.016	178.014

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

Compound	Time (min)	Peak Area
Ethanol	1.376	157.030
n-Propanol	2.470	213.251

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 3:28:19 PM
Data file: C:\Chem32\1\Data\16Sept19\20.D	Analyst: Kosecki <i>K</i>

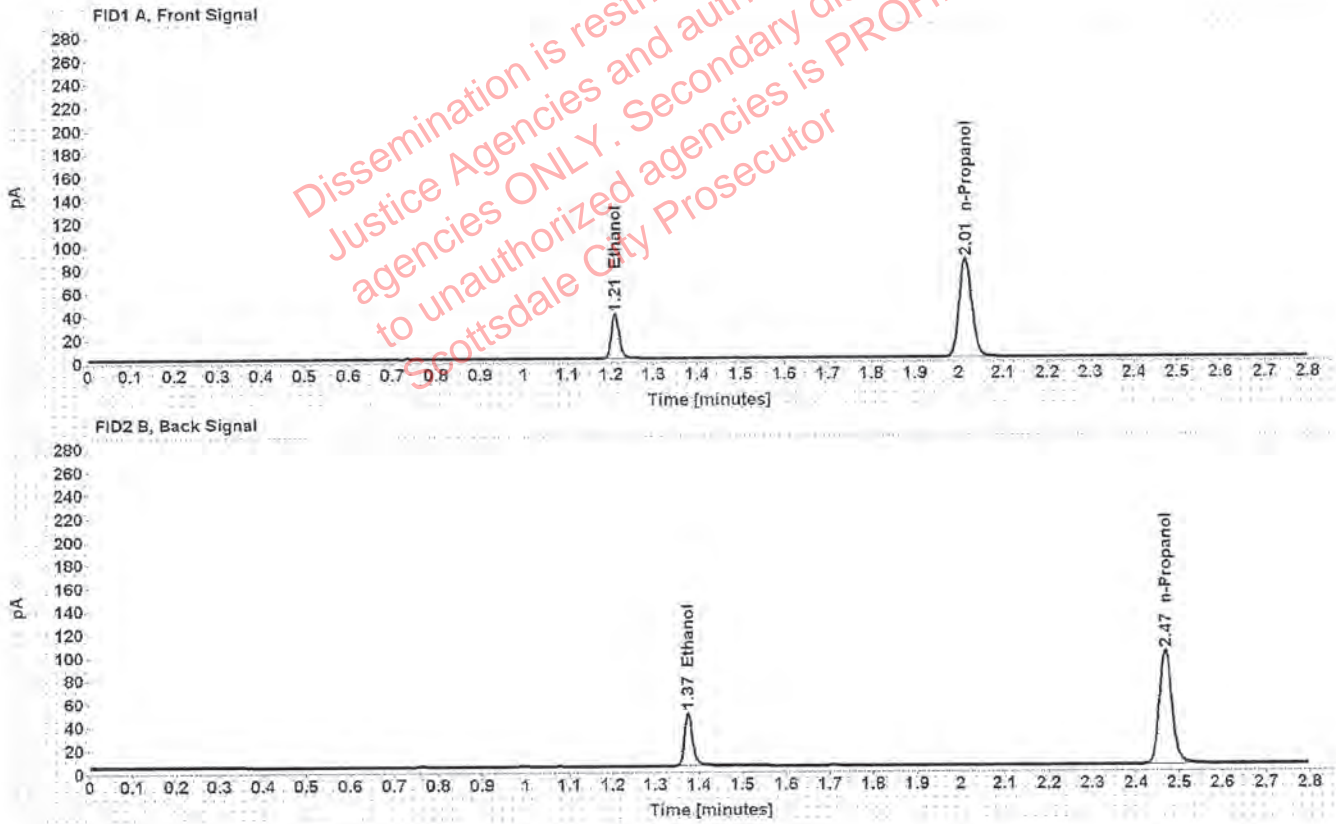


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.210	48.995
n-Propanol	-----	2.014	169.606

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.660
n-Propanol	2.468	203.136

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-C	Vial: 31
Description: 0.150	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 4:12:48 PM
Data file: C:\Chem32\1\Data\16Sept19\31.D	Analyst: Kosecki <i>AK</i>

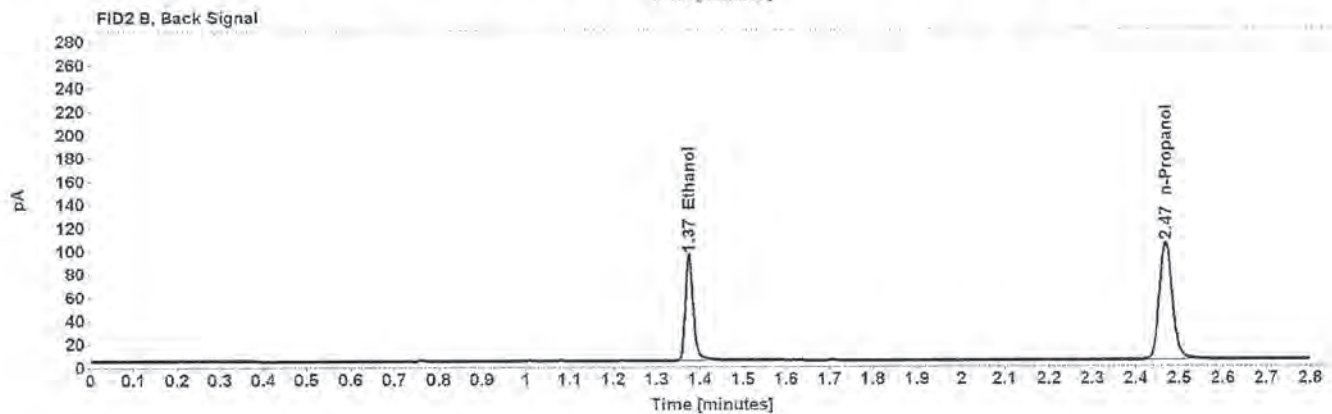
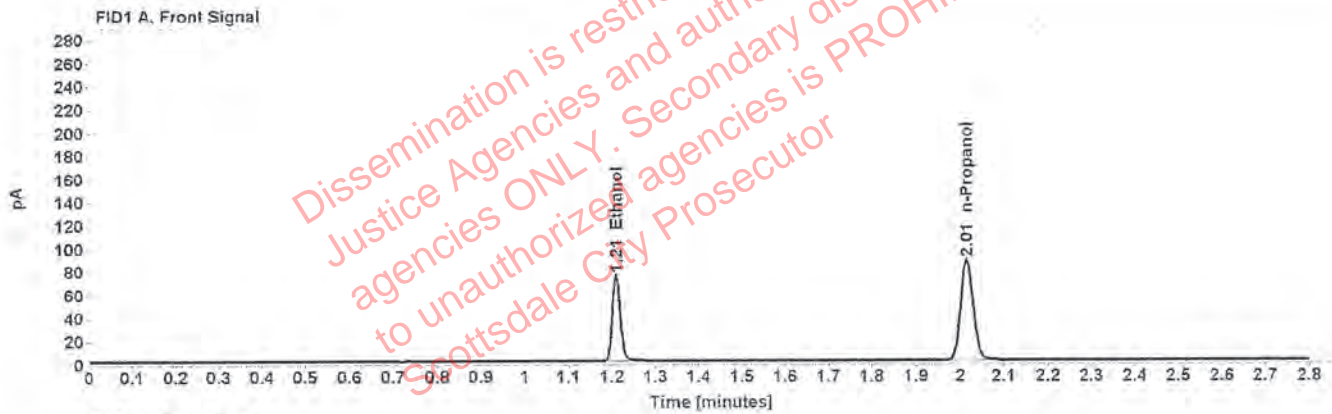


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1526	1.209	95.541
n-Propanol	-----	2.015	174.656

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

Compound	Time (min)	Peak Area
Ethanol	1.375	116.969
n-Propanol	2.469	209.301

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 4:57:03 PM
Data file: C:\Chem32\1\Data\16Sept19\42.D	Analyst: Kosecki <i>K</i>

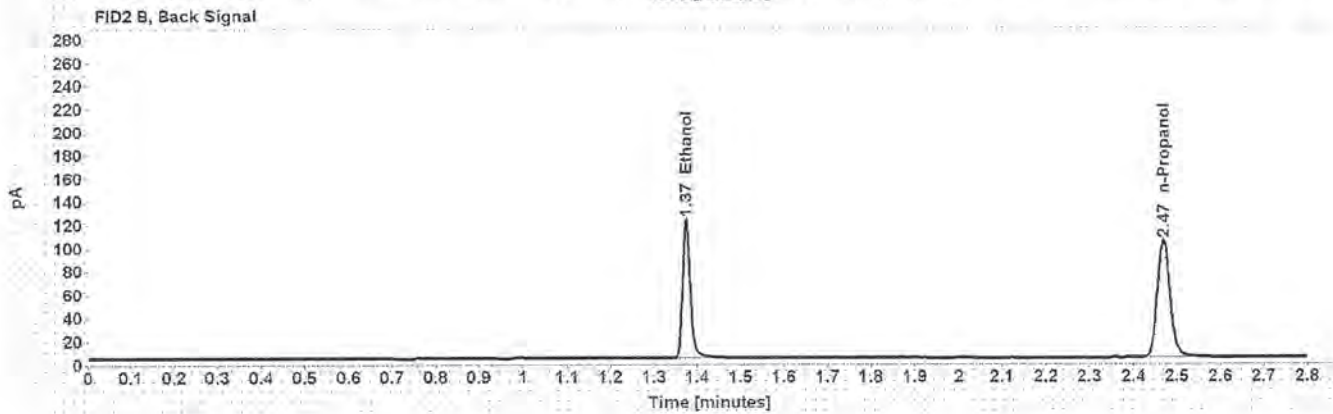
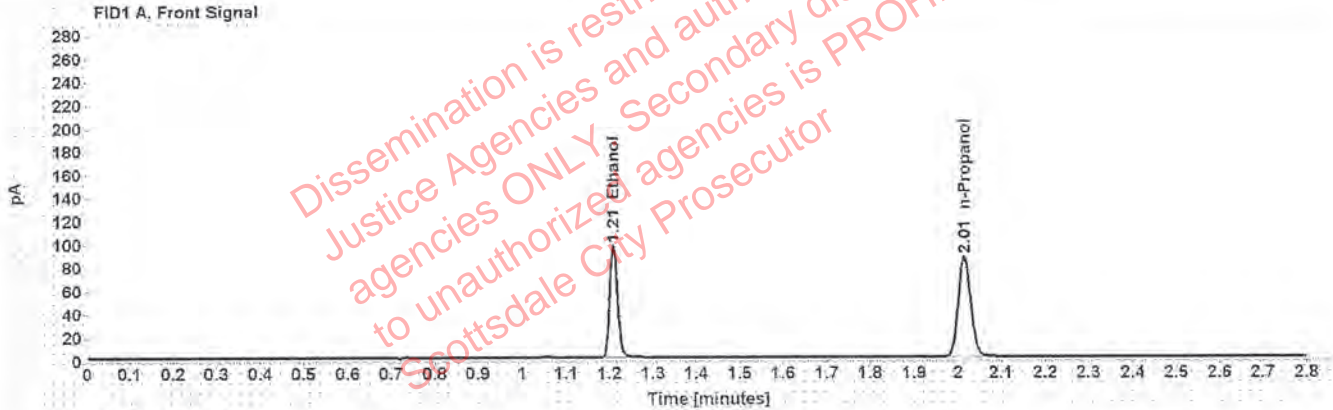


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.209	124.180
n-Propanol	-----	2.015	173.406

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

Compound	Time (min)	Peak Area
Ethanol	1.375	153.083
n-Propanol	2.469	208.893

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 5:41:33 PM
Data file: C:\Chem32\1\Data\16Sept19\53.D	Analyst: Kosecki <i>K</i>

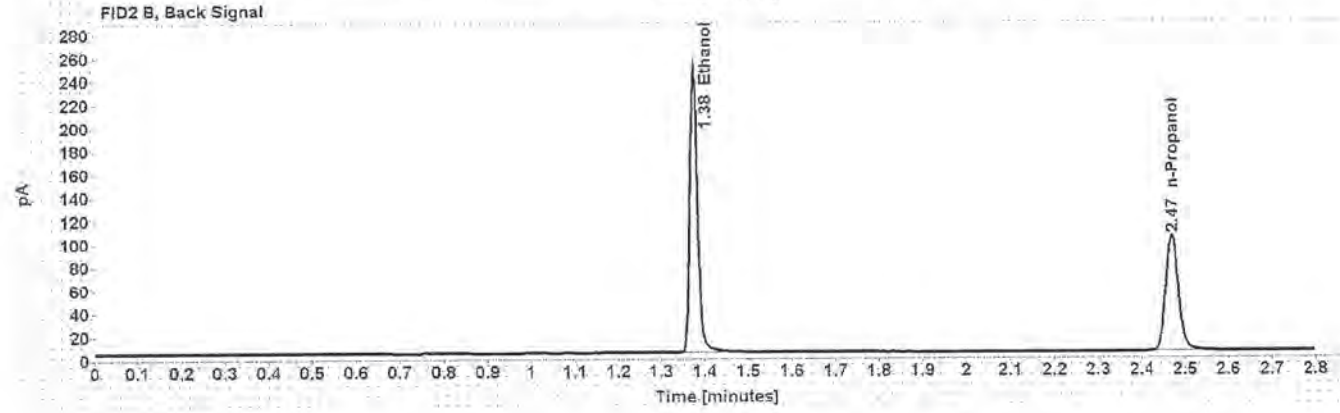
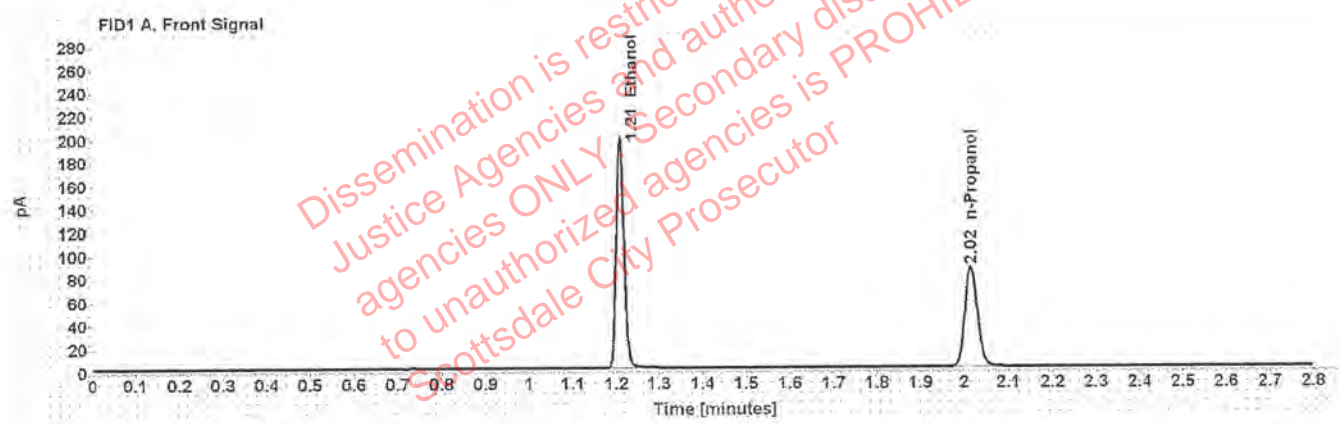


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4099	1.209	252.135
n-Propanol	-----	2.015	171.029

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

Compound	Time (min)	Peak Area
Ethanol	1.375	312.178
n-Propanol	2.469	206.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 5:45:33 PM
Data file: C:\Chem32\1\Data\16Sept19\54.D	Analyst: Kosecki <i>AK</i>

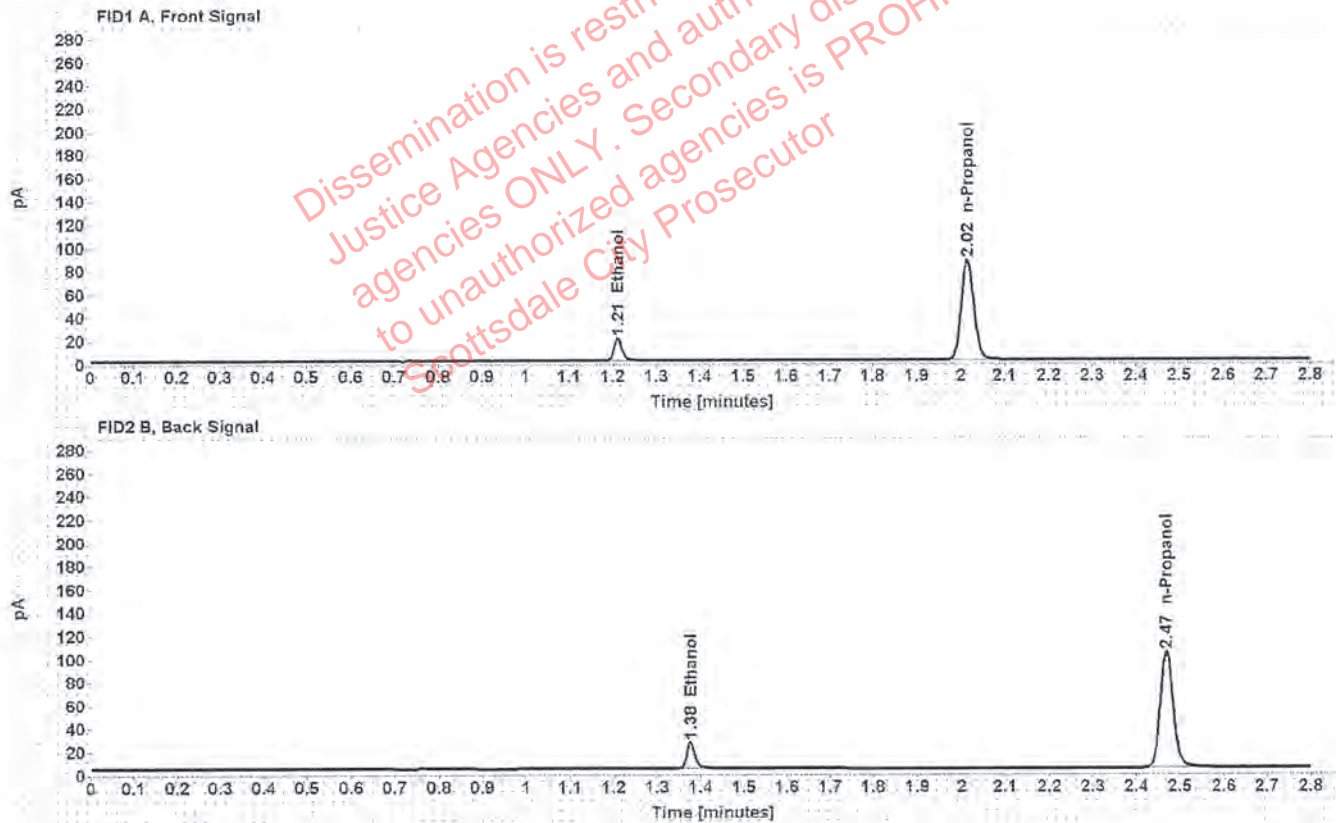


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.211	24.381
n-Propanol	-----	2.015	172.542

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.832
n-Propanol	2.469	207.663

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 55
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 5:49:48 PM
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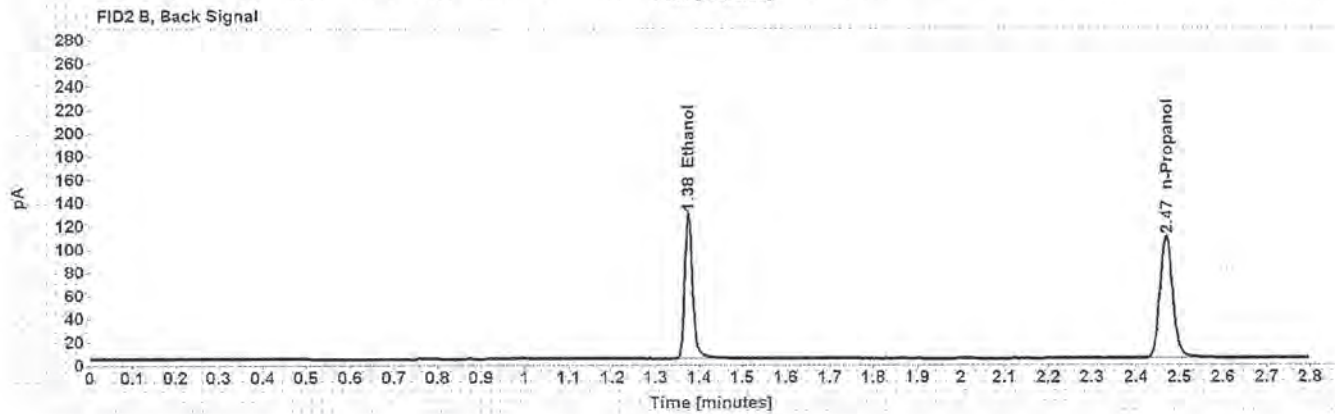
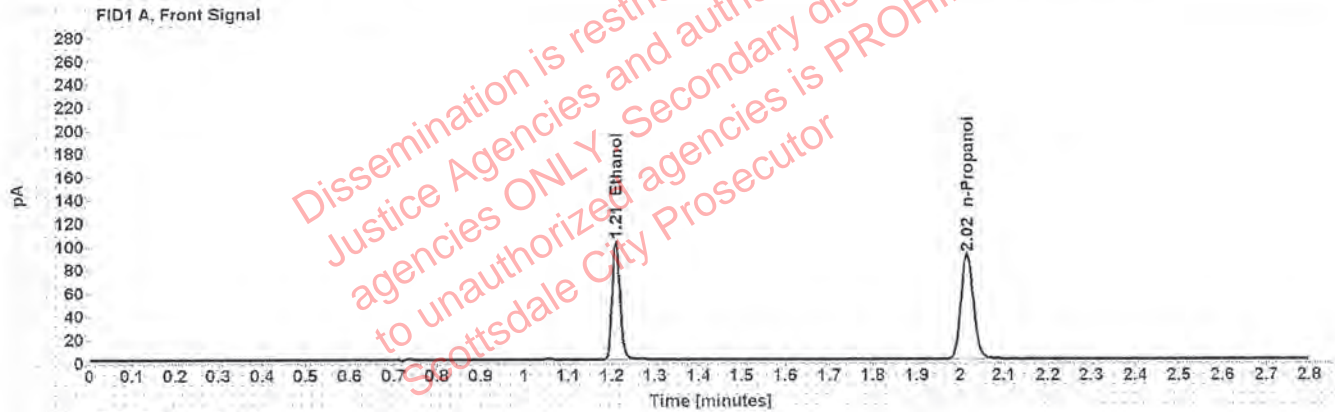


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2012	1.209	130.234
n-Propanol	-----	2.015	180.381

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

Compound	Time (min)	Peak Area
Ethanol	1.375	160.456
n-Propanol	2.469	217.139

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:53:49 PM
Data file:	C:\Chem32\1\Data\16Sept19\56.D	Analyst:	Kosecki <i>K</i>

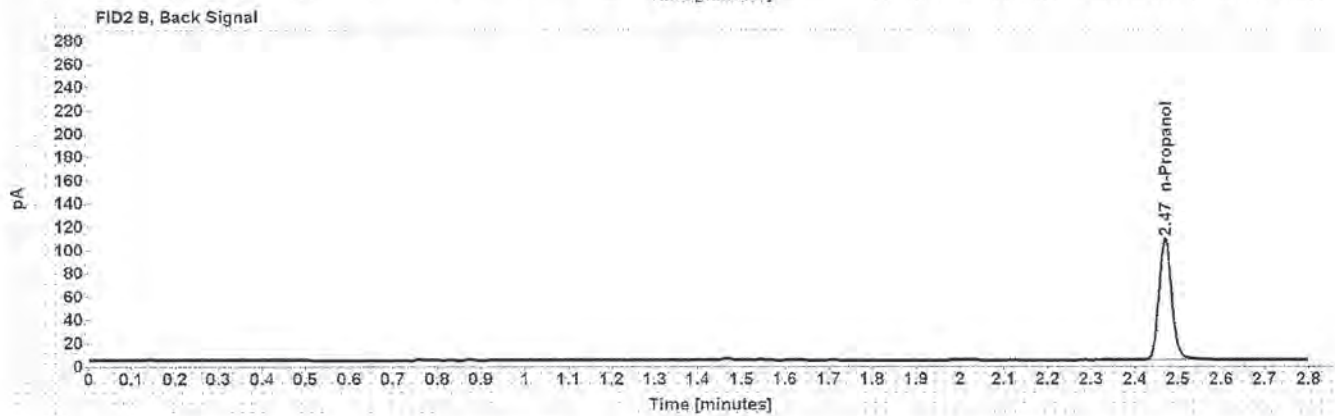


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	178.888

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	215.612

Sequence Summary

Sequence name: 16Sept19 Instrument: US14173023 CN14160045 Analyst: Kosecki *K*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03241604	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	061219	Negative	Control		ethanol quant.M
6	070819	Volatiles mix	Control		ethanol quant.M
7	08012015-C	0.400	Control		ethanol quant.M
8	09022015-A	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10	1202943		Sample		ethanol quant.M
11	1202943		Sample		ethanol quant.M
12	1283209		Sample		ethanol quant.M
13	1283209		Sample		ethanol quant.M
14	31801CN		Sample		ethanol quant.M
15	31801CN		Sample		ethanol quant.M
16	33101LN		Sample		ethanol quant.M
17	33101LN		Sample		ethanol quant.M
18	33901GP		Sample		ethanol quant.M
19	33901GP		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1287530		Sample		ethanol quant.M
22	1287530		Sample		ethanol quant.M
23	1287385		Sample		ethanol quant.M
24	1287385		Sample		ethanol quant.M
25	1287665		Sample		ethanol quant.M
26	1287665		Sample		ethanol quant.M
27	1287767		Sample		ethanol quant.M
28	1287767		Sample		ethanol quant.M
29	1285539		Sample		ethanol quant.M
30	1285539		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	1287914		Sample		ethanol quant.M
33	1287914		Sample		ethanol quant.M
34	1288017		Sample		ethanol quant.M
35	1288017		Sample		ethanol quant.M
36	1285633		Sample		ethanol quant.M
37	1285633		Sample		ethanol quant.M
38	1284674		Sample		ethanol quant.M
39	1284674		Sample		ethanol quant.M
40	1287548		Sample		ethanol quant.M
41	1287548		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	34003LC		Sample		ethanol quant.M
44	34003LC		Sample		ethanol quant.M
45	1287929		Sample		ethanol quant.M
46	1287929		Sample		ethanol quant.M
47	1285998		Sample		ethanol quant.M

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Sequence Summary



48	1285998		Sample		ethanol quant.M
49	1286743		Sample		ethanol quant.M
50	1286743		Sample		ethanol quant.M
51	1053676		Sample		ethanol quant.M
52	1053676		Sample		ethanol quant.M
53	08012015-C	0.400	Control		ethanol quant.M
54	09022015-A	0.040	Control		ethanol quant.M
55	407041529/13	0.198	Control		ethanol quant.M
56	040919WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 16Sept19

ANALYST: Kosecki *AK*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1003	0.0999	0.10010	0.20	0.00020
12 13	0.1978	0.1968	0.19730	0.25	0.00050
14 15	0.2913	0.2900	0.29065	0.22	0.00065
16 17	0.2109	0.2079	0.20940	0.72	0.00150
18 19	0.2853	0.2877	0.28650	0.42	0.00120
21 22	0.0525	0.0519	0.05220	0.57	0.00030
23 24	0.0996	0.1003	0.09995	0.35	0.00035
25 26	0.2040	0.2060	0.20500	0.49	0.00100
27 28	0.2281	0.2301	0.22910	0.44	0.00100
29 30	0.1607	0.1610	0.16085	0.09	0.00015
32 33	0.1125	0.1139	0.11320	0.62	0.00070
34 35	0.1643	0.1645	0.16440	0.06	0.00010
36 37	0.3155	0.3191	0.31730	0.57	0.00180
38 39	0.2004	0.2019	0.20115	0.37	0.00075
40 41	0.1348	0.1359	0.13535	0.41	0.00055
43 44	0.2184	0.2172	0.21780	0.28	0.00060
45 46	0.1631	0.1621	0.16260	0.31	0.00050
47 48	0.1246	0.1241	0.12435	0.20	0.00025
49 50	0.2719	0.2726	0.27225	0.13	0.00035
51 52	0.1120	0.1130	0.11250	0.44	0.00050

*Calculated differences are differences from the mean of the two results.

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1202943	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 2:47:49 PM
Data file:	C:\Chem32\1\Data\16Sept19\10.D	Analyst:	Kosecki

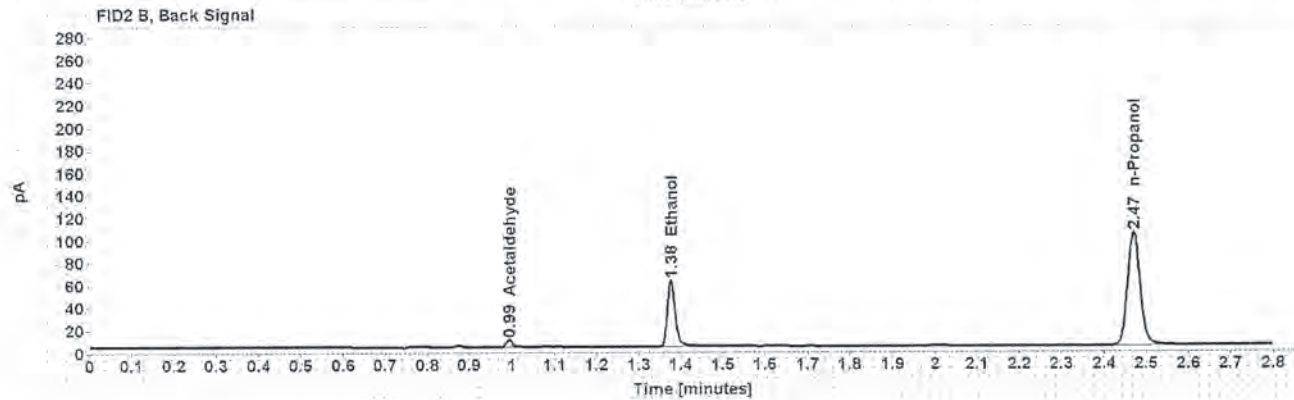
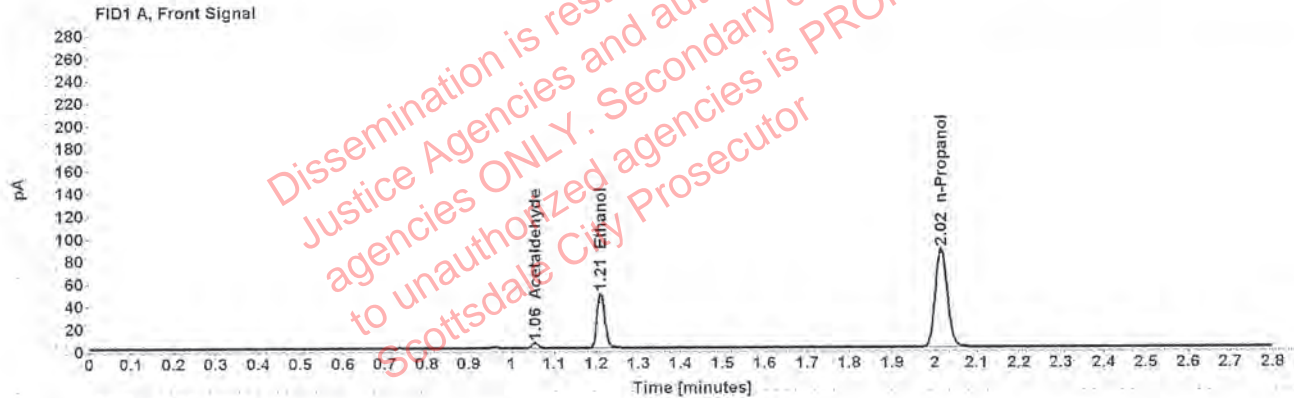


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.720
>Ethanol	0.1003	1.210	62.377
n-Propanol	-----	2.015	173.979

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.126
Ethanol	1.376	75.799
n-Propanol	2.470	208.990

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1202943	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 2:51:48 PM
Data file:	C:\Chem32\1\Data\16Sept19\11.D	Analyst:	Kosecki

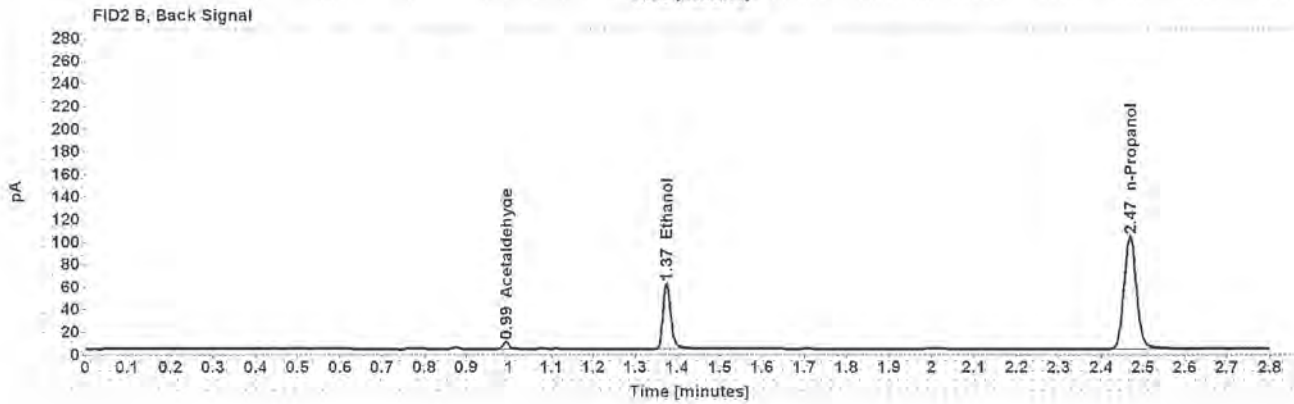
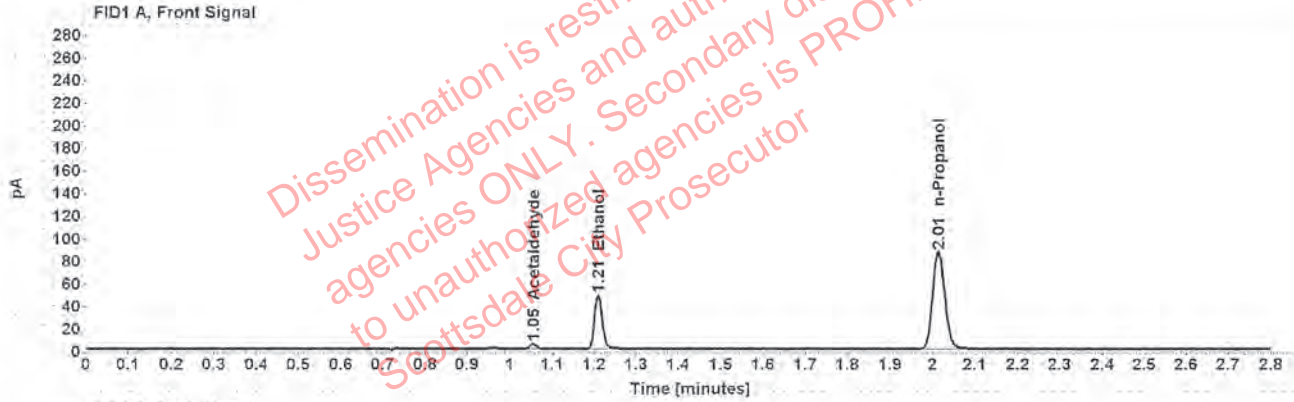


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.641
>Ethanol	0.0999	1.209	61,430
n-Propanol	-----	2.014	172.127

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.039
Ethanol	1.375	74,333
n-Propanol	2.468	206.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283209	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 2:55:49 PM
Data file:	C:\Chem32\1\Data\16Sept19\12.D	Analyst:	Kosecki

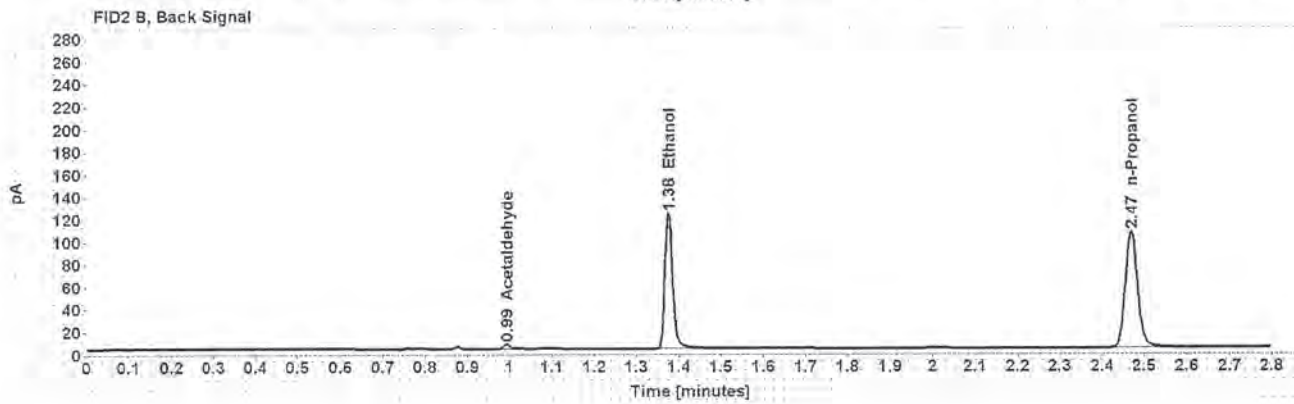
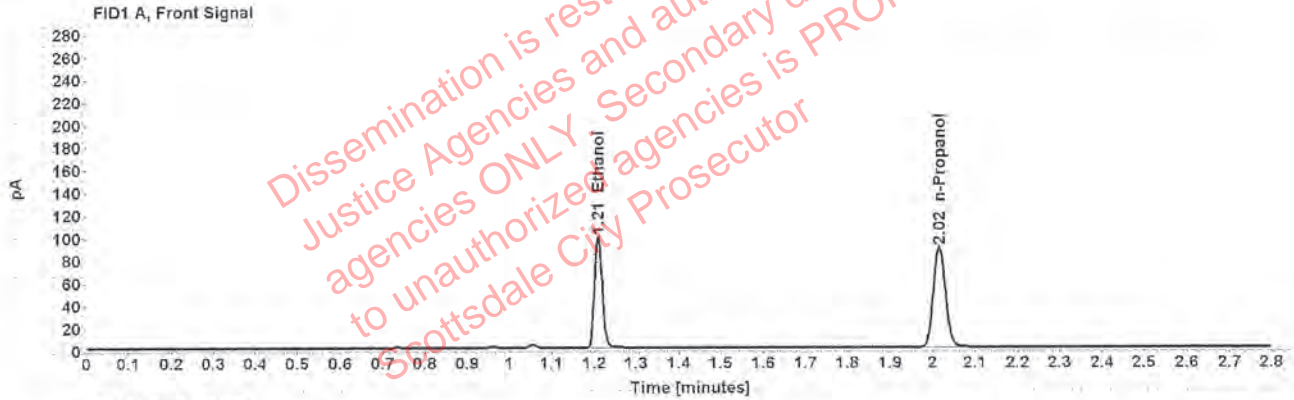


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1978	1.210	126.229
n-Propanol	-----	2.015	177.795

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.100
Ethanol	1.376	154.392
n-Propanol	2.469	213.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283209	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:00:04 PM
Data file:	C:\Chem32\11\Data\16Sept19\13.D	Analyst:	Kosecki

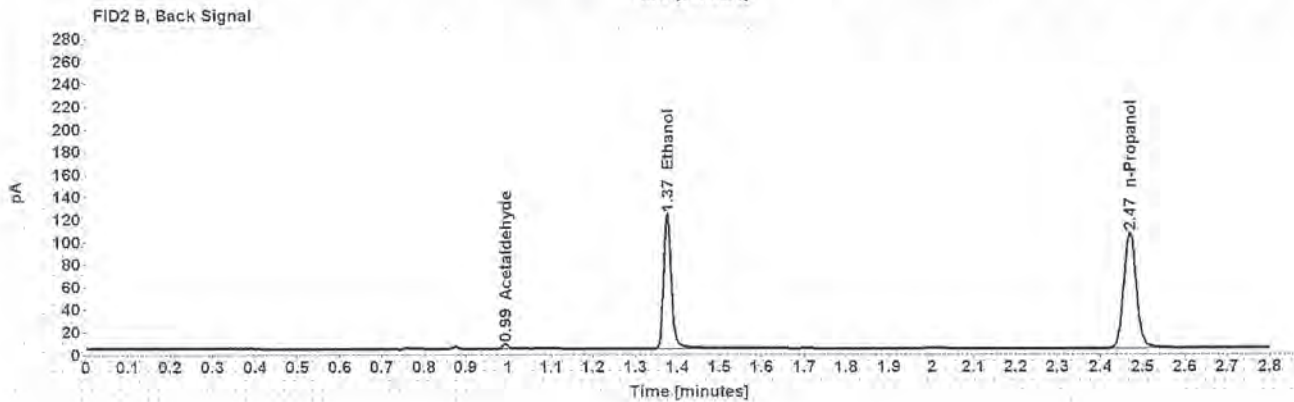
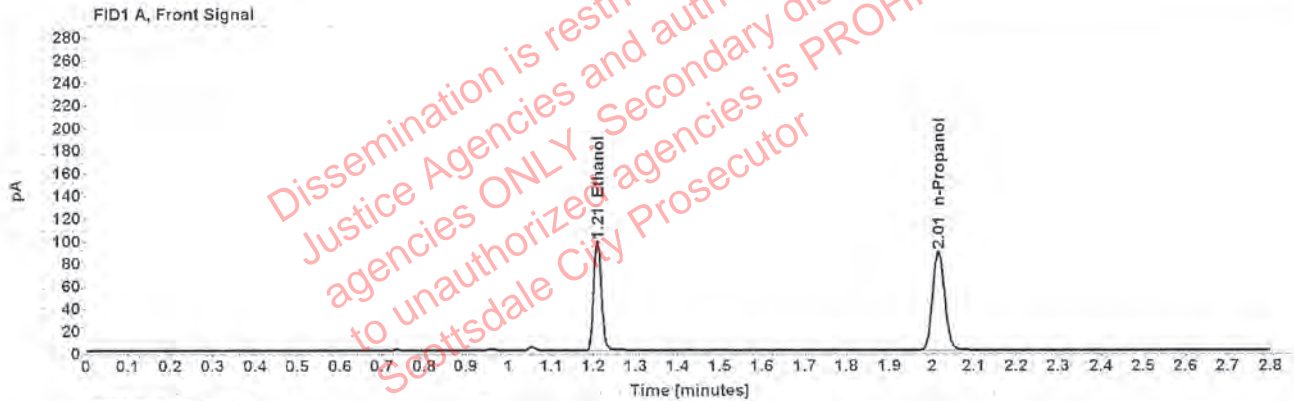


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1968	1.209	124.589
n-Propanol	-----	2.015	176.362

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.012
Ethanol	1.375	153.778
n-Propanol	2.469	211.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801CN	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:04:04 PM
Data file:	C:\Chem32\1\Data\16Sept19\14.D	Analyst:	Kosecki

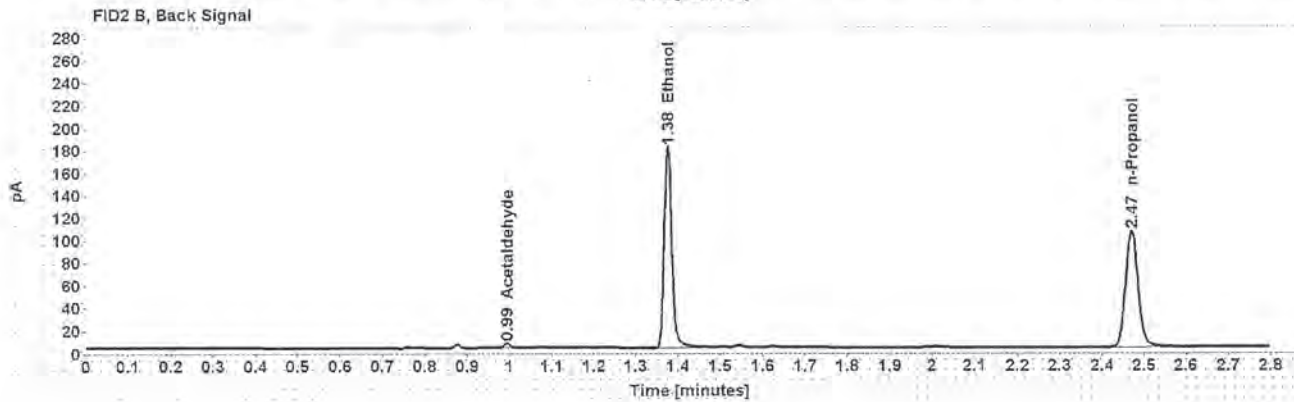
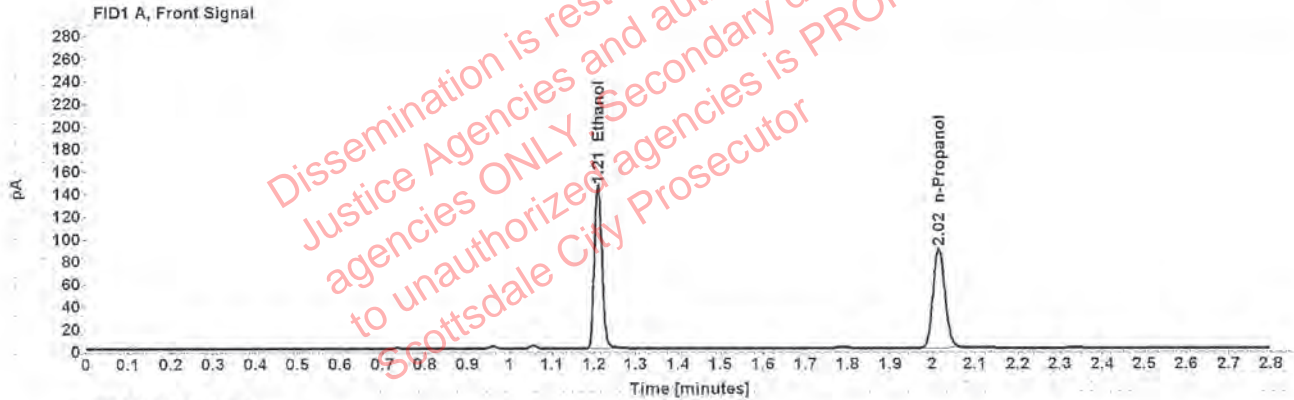


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2913	1.210	184.941
n-Propanol	-----	2.016	176.639

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.818
Ethanol	1.376	228.555
n-Propanol	2.470	211.715

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801CN	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:08:04 PM
Data file:	C:\Chem32\11\Data\16Sept19\15.D	Analyst:	Kosecki

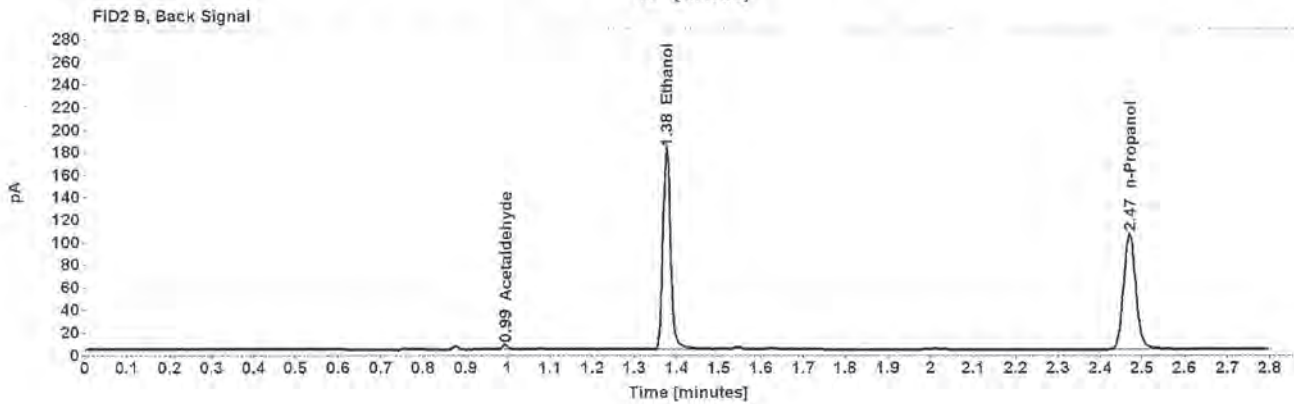
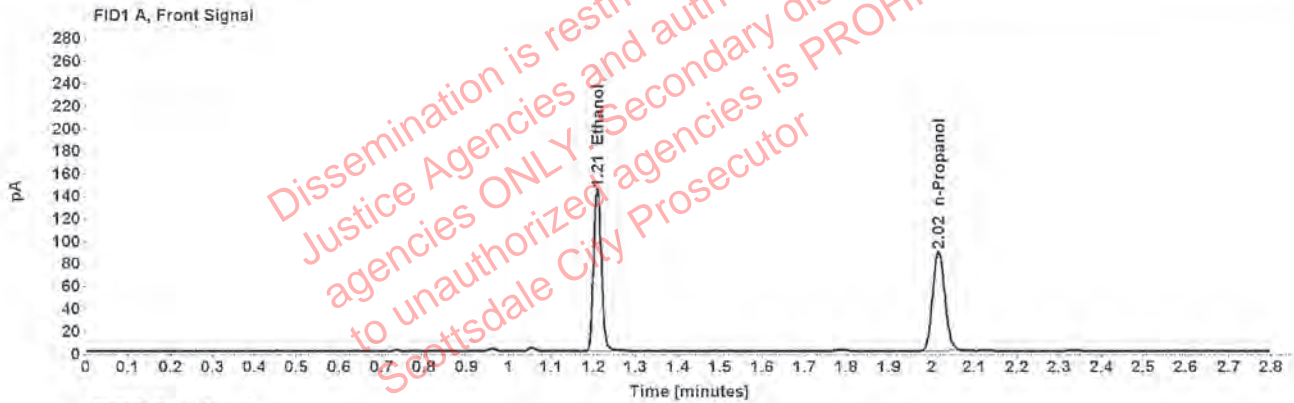


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2900	1.209	184.315
n-Propanol	-----	2.015	176.857

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.014
Ethanol	1.375	228.830
n-Propanol	2.469	212.051

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33101LN	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:12:04 PM
Data file:	C:\Chem32\1\Data\16Sept19\16.D	Analyst:	Kosecki

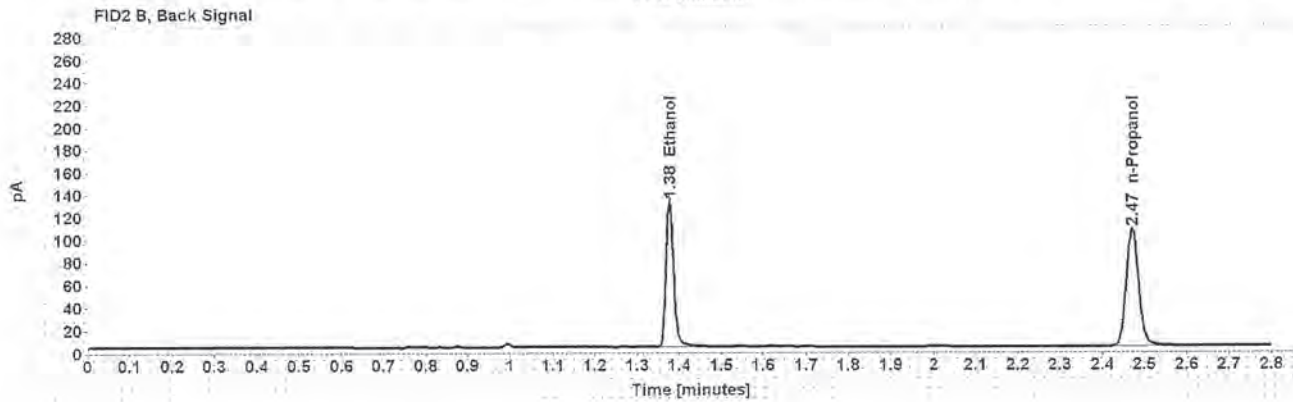
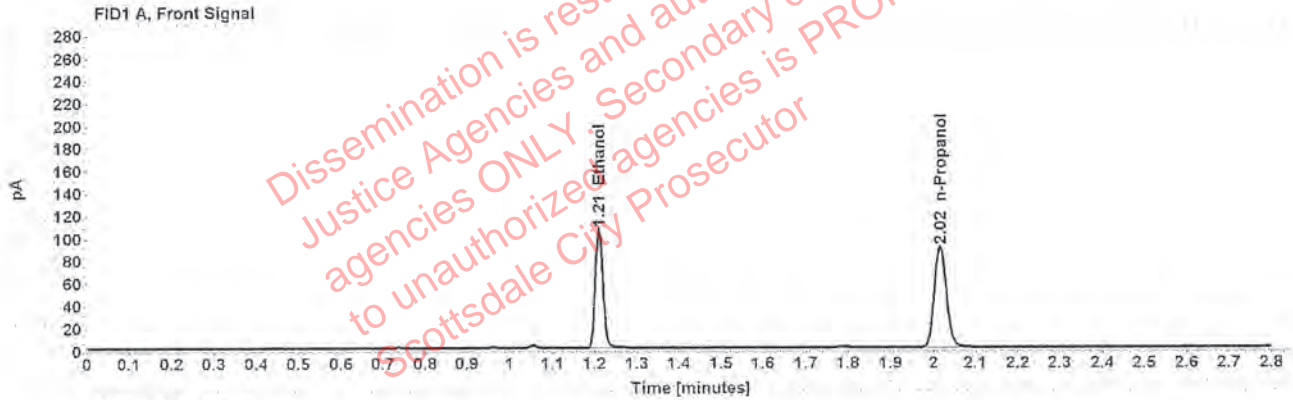


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2109	1.210	135.076
n-Propanol	-----	2.016	178.391

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

Compound	Time (min)	Peak Area
Ethanol	1.377	167.323
n-Propanol	2.470	214.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 33101LN	Vial: 17
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 3:16:03 PM
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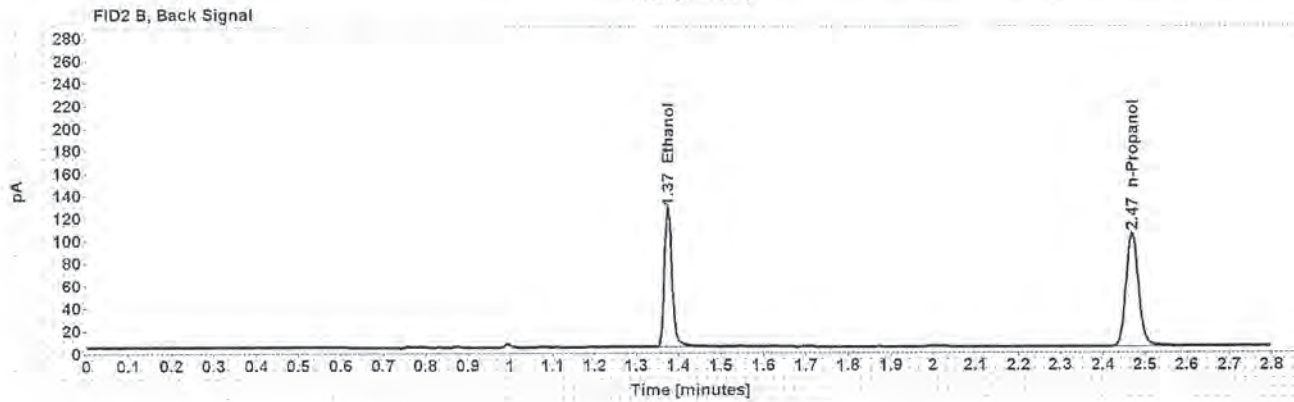
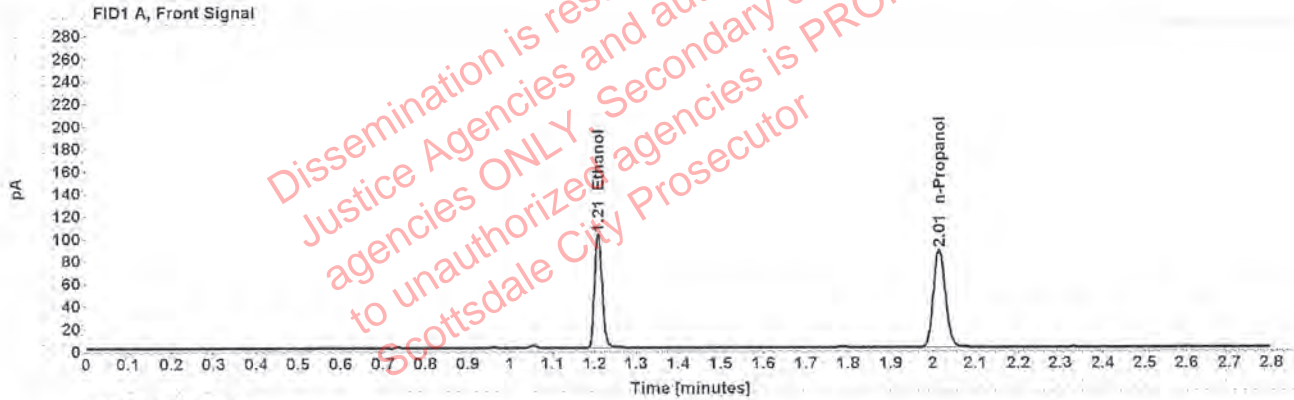


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2079	1.209	129.023
n-Propanol	-----	2.015	172.884

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

Compound	Time (min)	Peak Area
Ethanol	1.375	159.760
n-Propanol	2.469	207.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33901GP	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:20:03 PM
Data file:	C:\Chem3211\Data\16Sept19\18.D	Analyst:	Kosecki

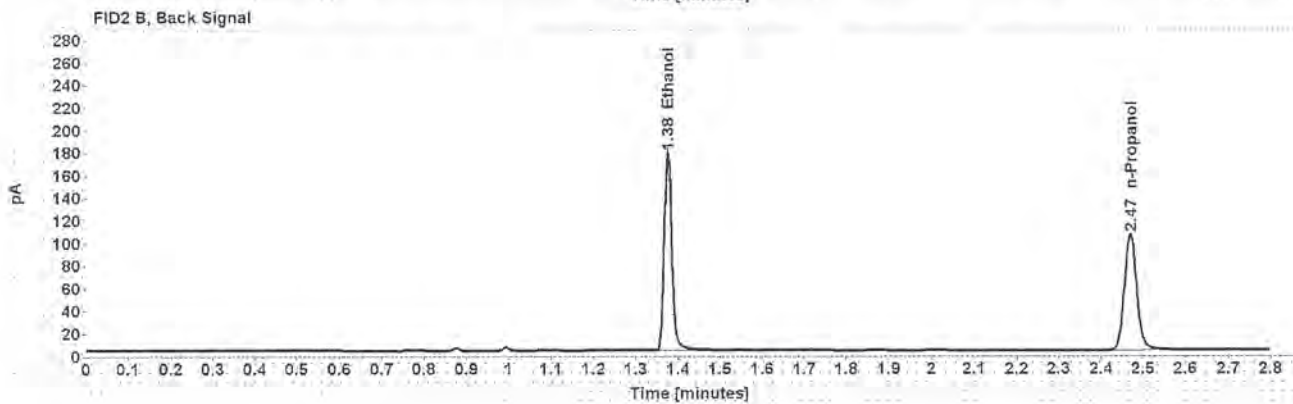
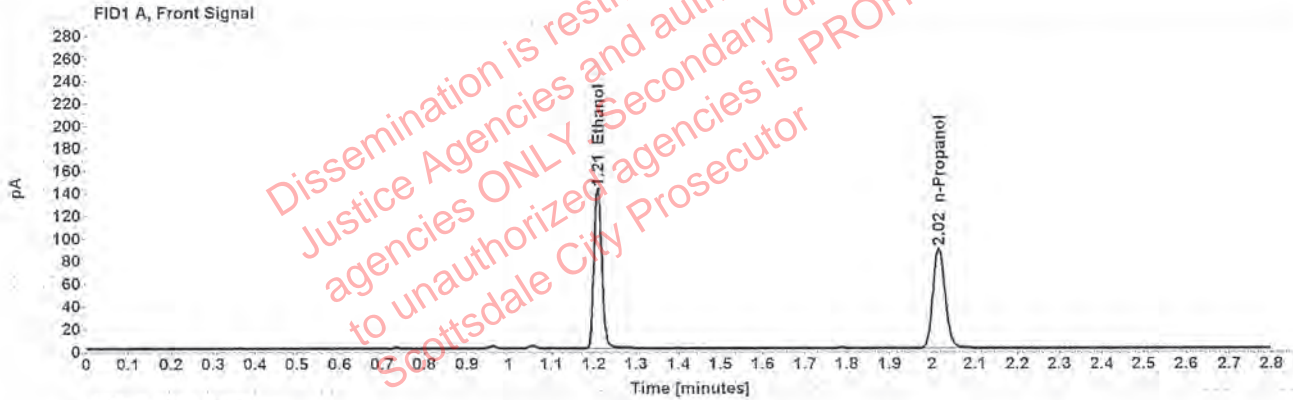


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2853	1.209	181.281
n-Propanol	-----	2.015	176.798

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

Compound	Time (min)	Peak Area
Ethanol	1.375	222.753
n-Propanol	2.469	212.069

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33901GP	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:24:19 PM
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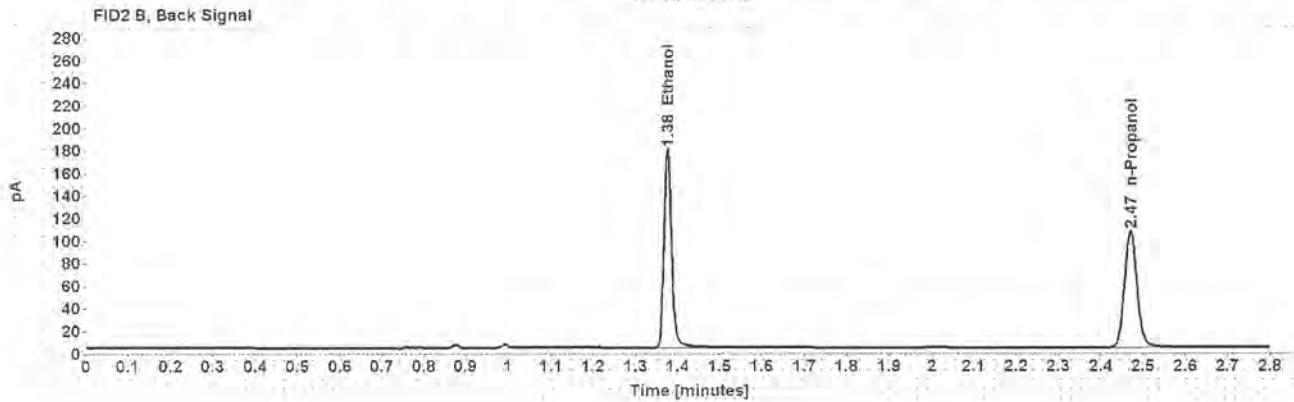
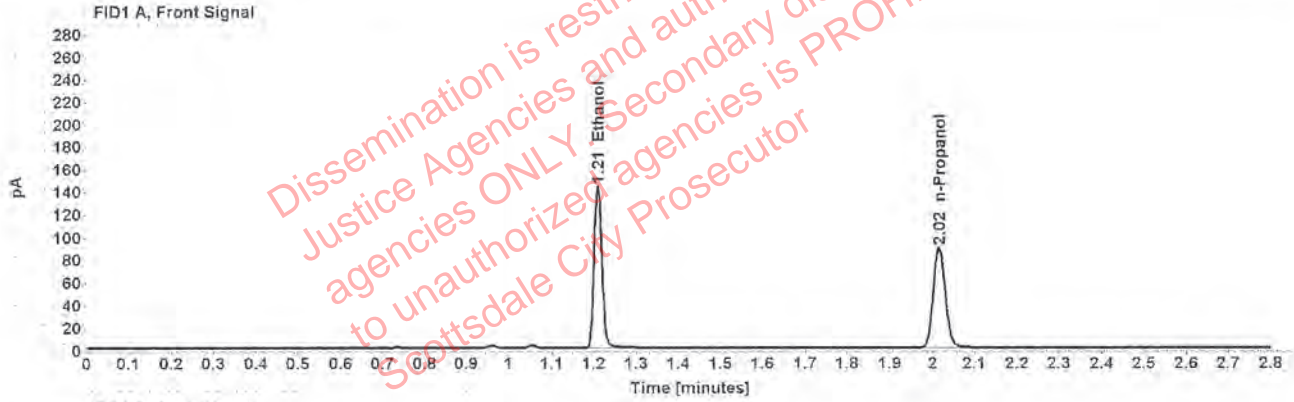


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2877	1.209	183.366
n-Propanol	-----	2.015	177.356

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

Compound	Time (min)	Peak Area
Ethanol	1.376	227.386
n-Propanol	2.470	212.494

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287530	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:32:18 PM
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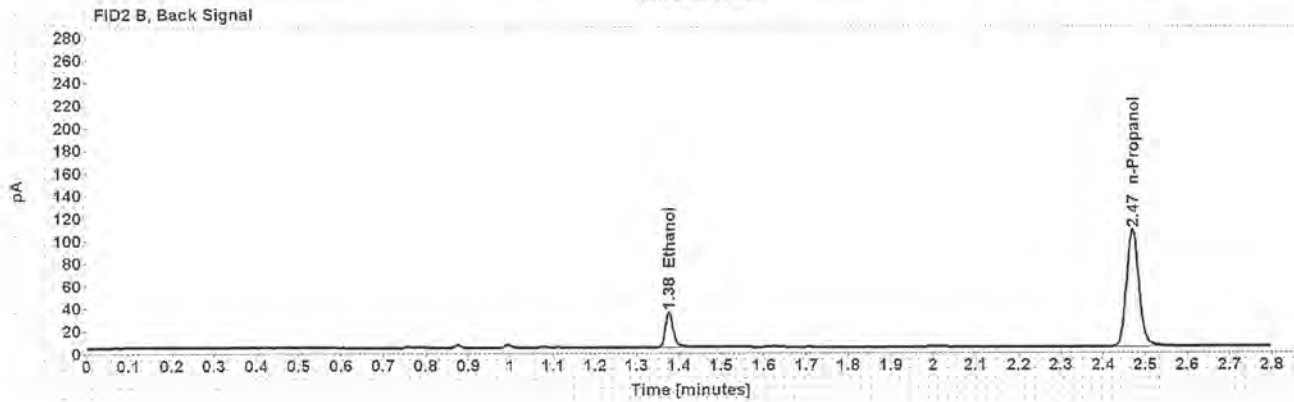
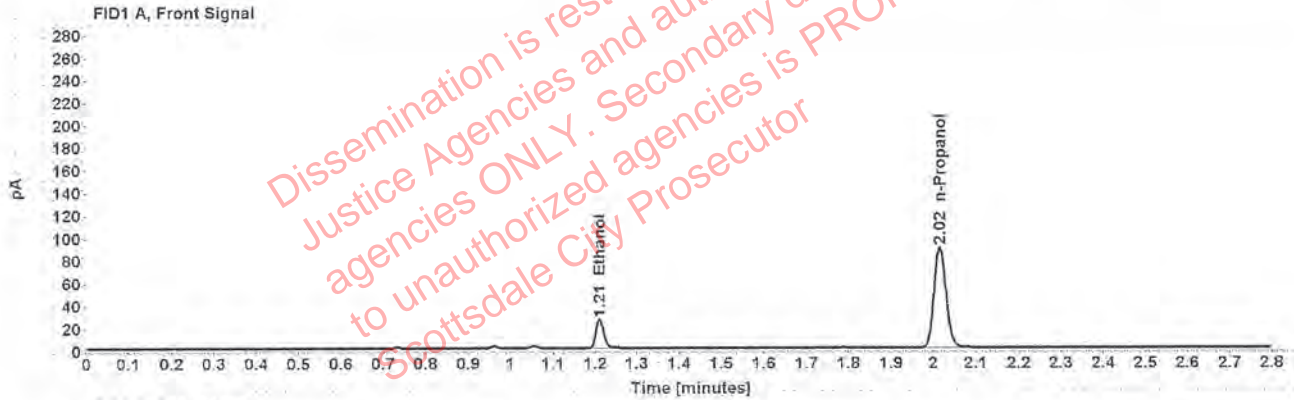


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0525	1.211	33.172
n-Propanol	-----	2.015	178.317

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

Compound	Time (min)	Peak Area
Ethanol	1.376	40.141
n-Propanol	2.469	213.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287530	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:36:19 PM
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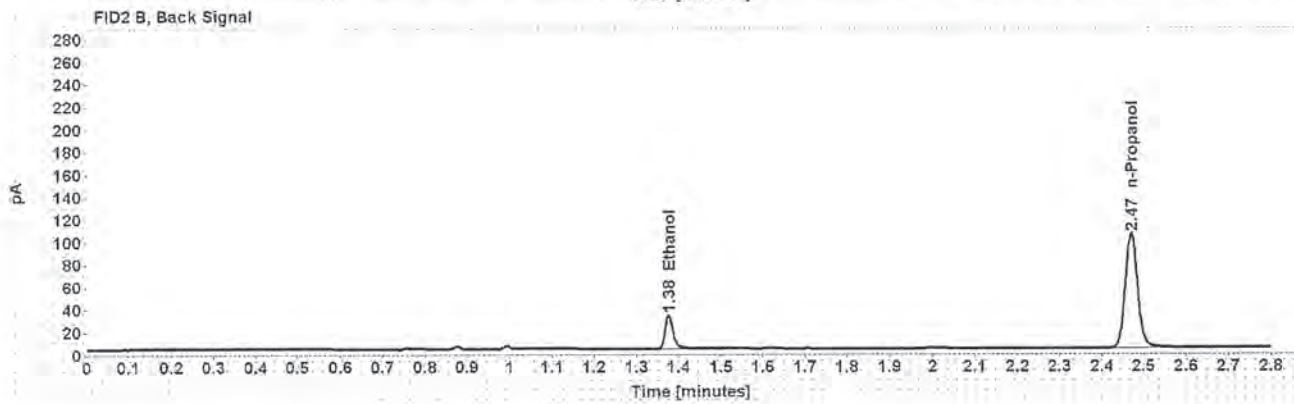
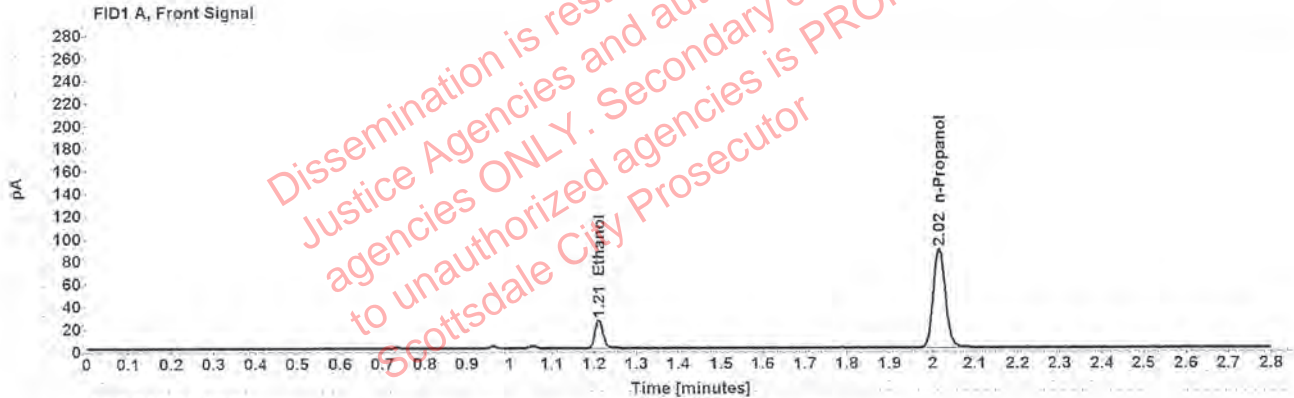


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0519	1.211	32.254
n-Propanol	-----	2.015	175.163

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

Compound	Time (min)	Peak Area
Ethanol	1.377	39.789
n-Propanol	2.470	210.285

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287385	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:40:18 PM
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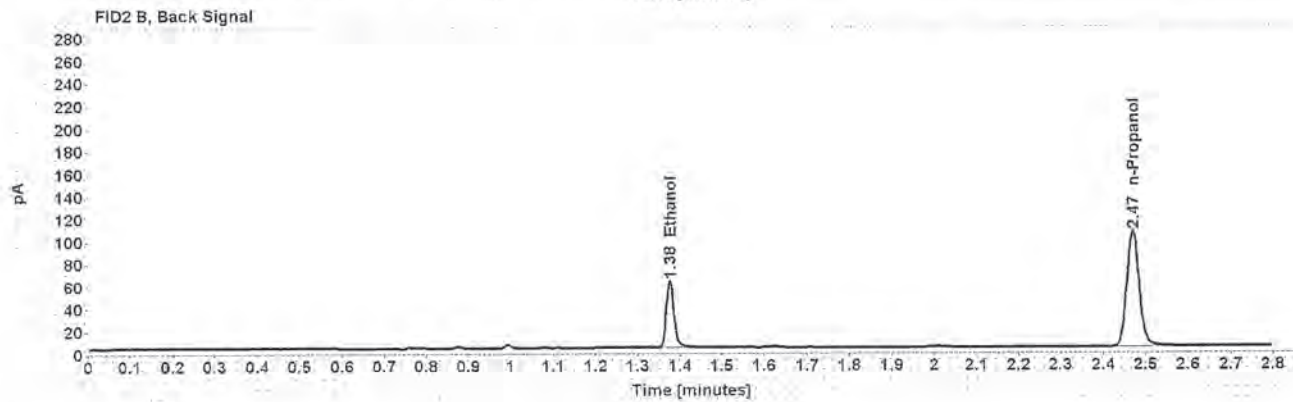
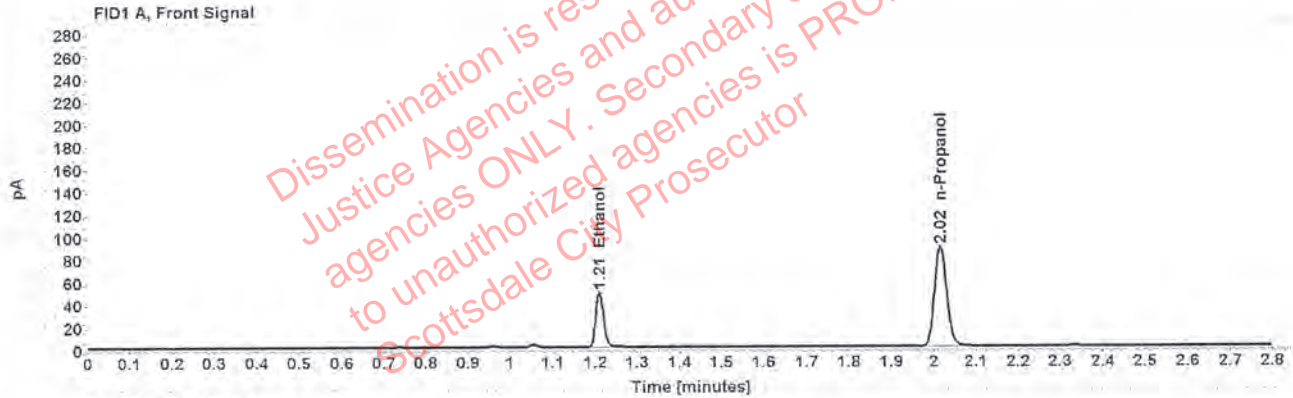


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0996	1.210	62.843
n-Propanol	-----	2.015	176.581

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

Compound	Time (min)	Peak Area
Ethanol	1.376	76.515
n-Propanol	2.469	211.835

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287385	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:44:18 PM
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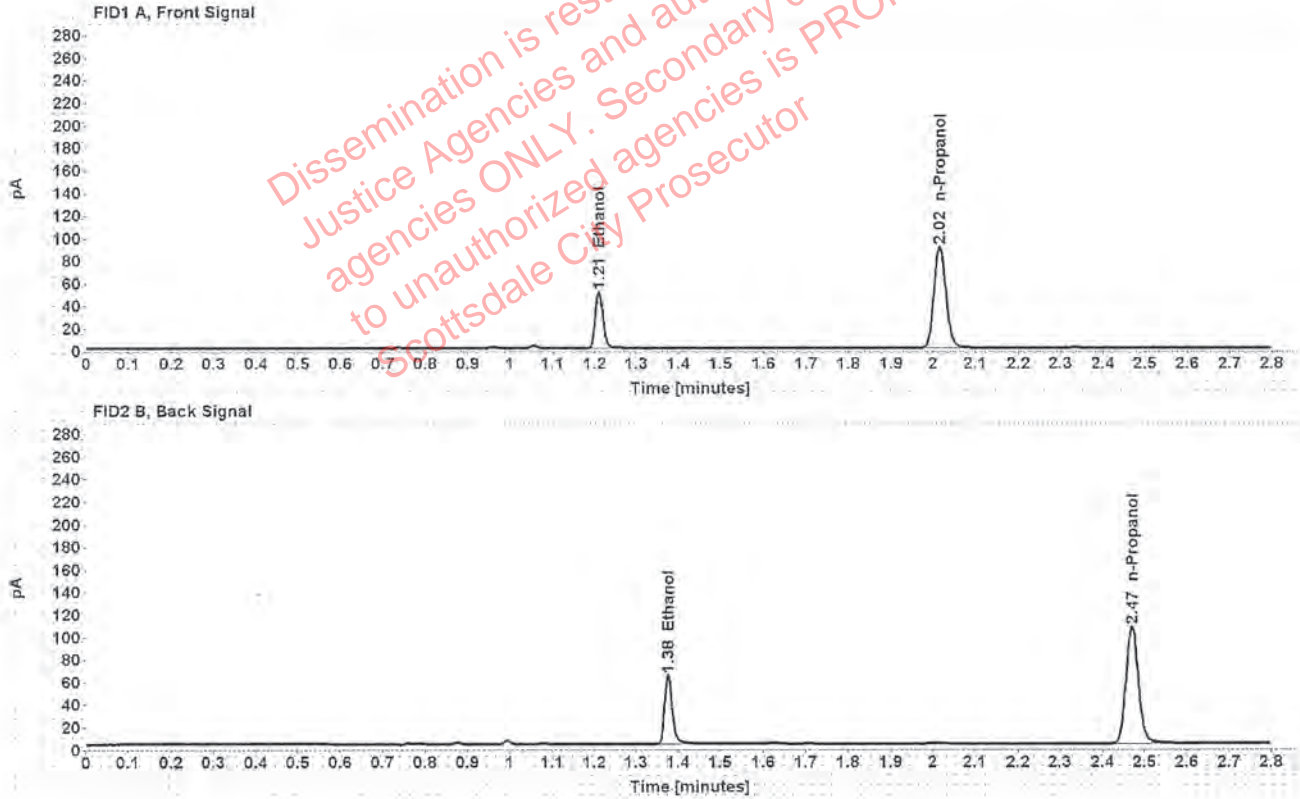


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1003	1.211	64.212
n-Propanol	-----	2.016	179.086

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

Compound	Time (min)	Peak Area
Ethanol	1.377	77.729
n-Propanol	2.470	215.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287665	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:48:33 PM
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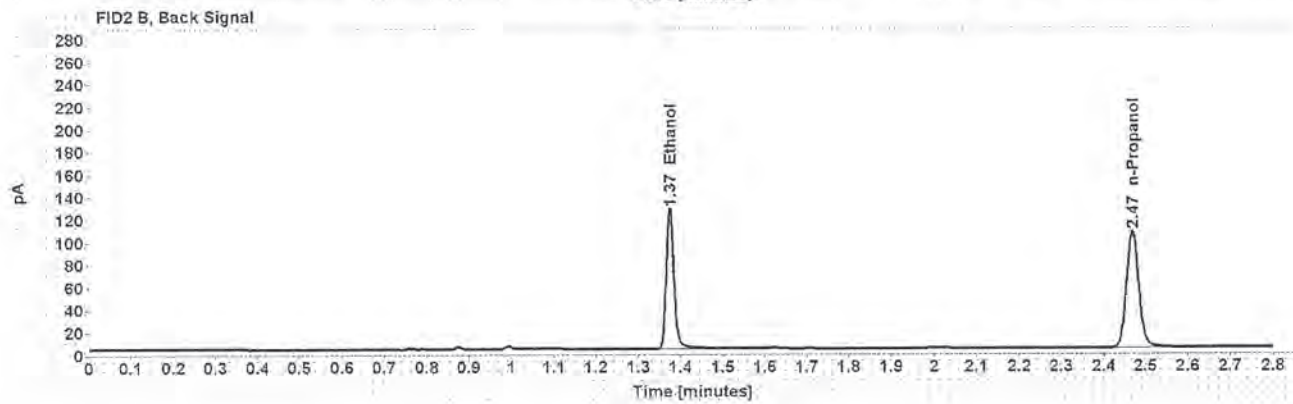
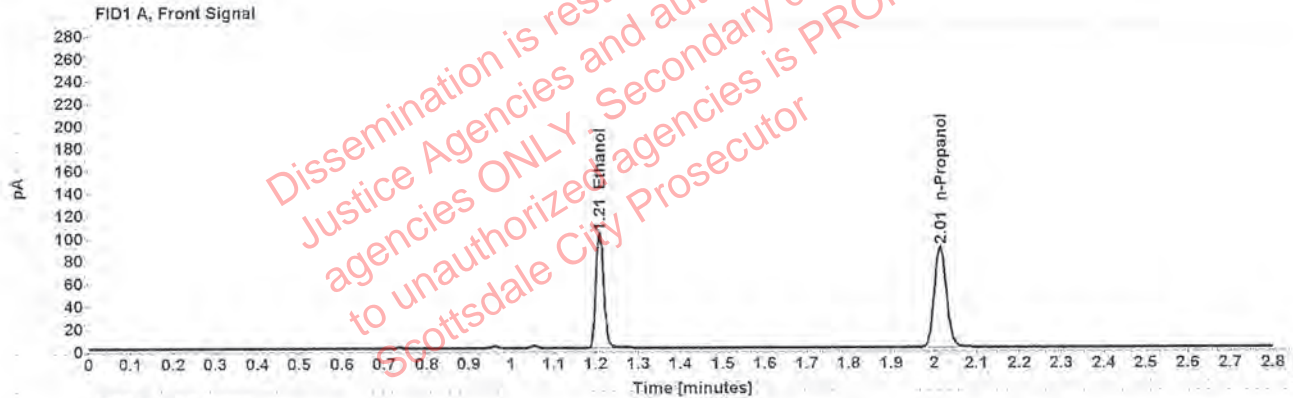


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2040	1.209	130.205
n-Propanol	-----	2.014	177.861

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.717
n-Propanol	2.468	213.428

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287665	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
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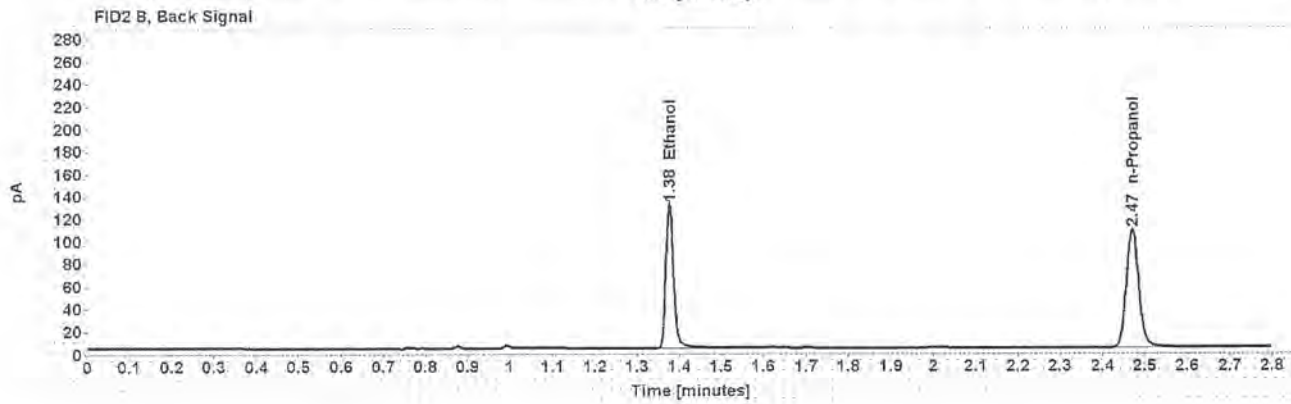
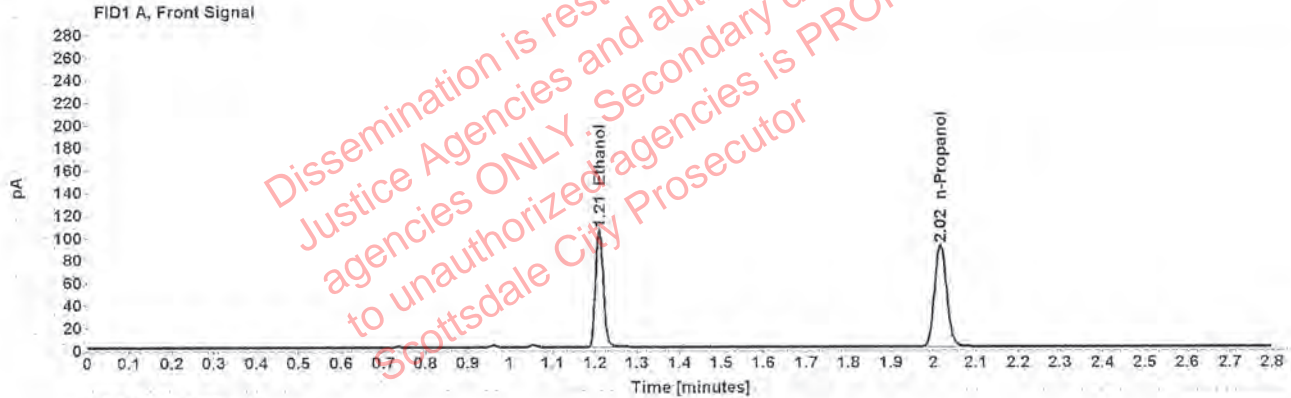


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2060	1.210	133.585
n-Propanol	-----	2.016	180.680

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

Compound	Time (min)	Peak Area
Ethanol	1.376	165.666
n-Propanol	2.470	217.232

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287767	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 3:56:34 PM
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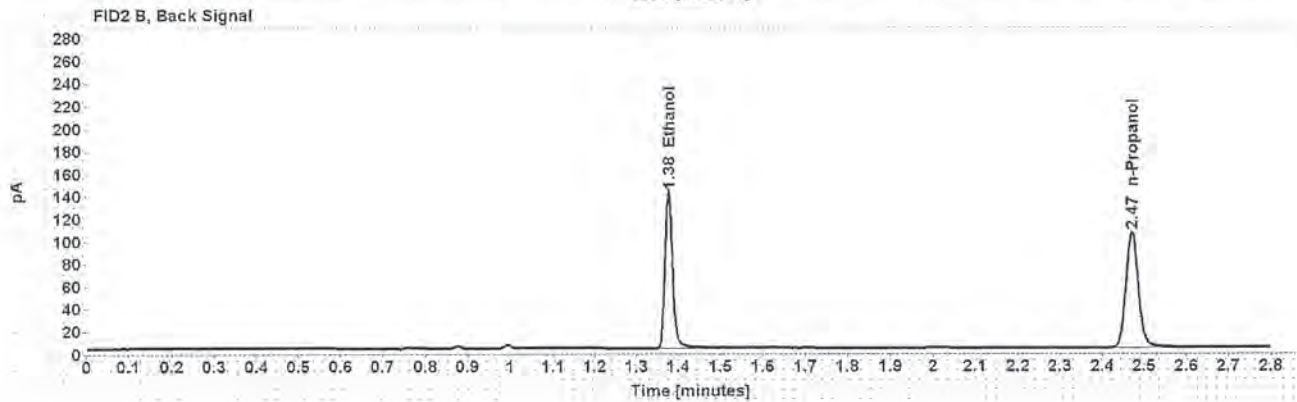
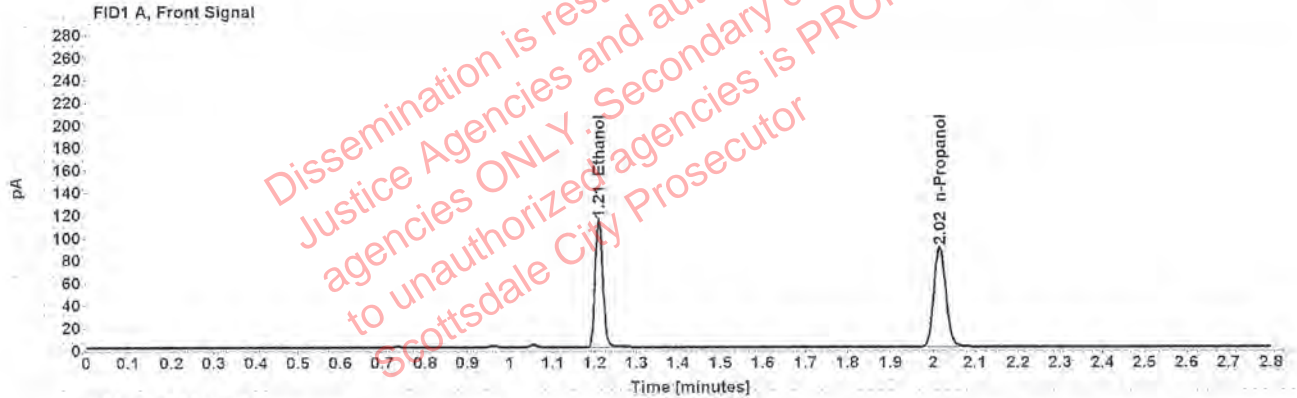


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2281	1.210	144.595
n-Propanol	-----	2.016	176.528

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

Compound	Time (min)	Peak Area
Ethanol	1.377	178.639
n-Propanol	2.470	212.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287767	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:00:33 PM
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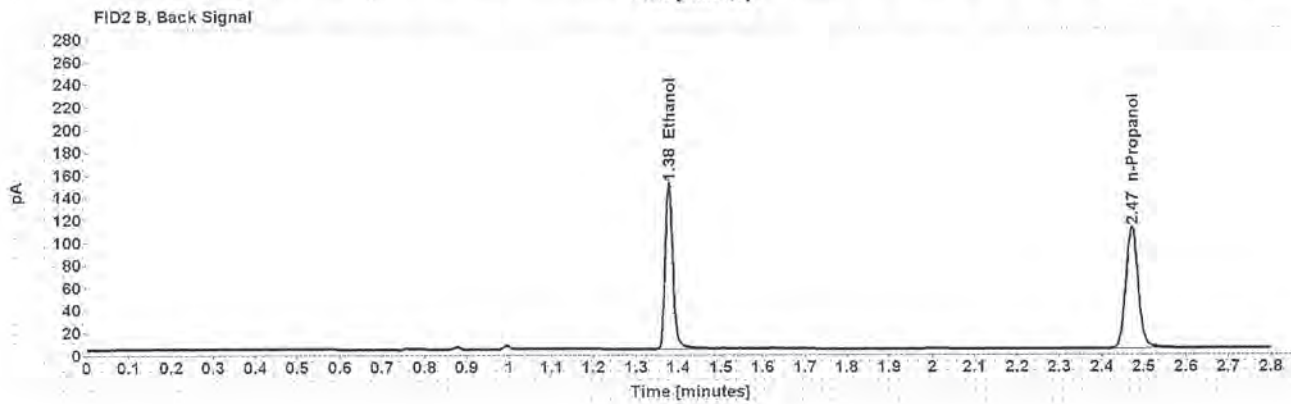
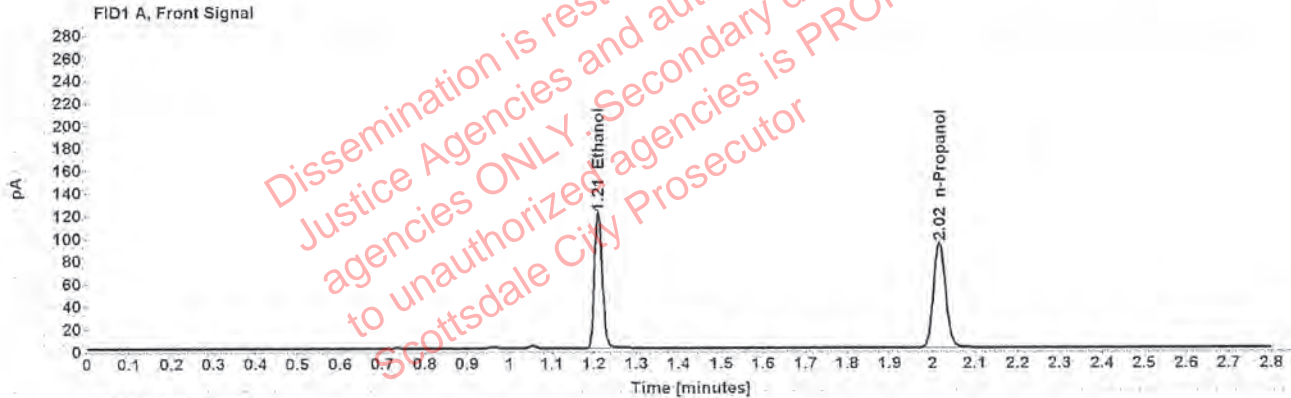


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2301	1.210	152.929
n-Propanol	-----	2.016	185.084

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

Compound	Time (min)	Peak Area
Ethanol	1.377	189.345
n-Propanol	2.471	222.185

Case: [REDACTED] User: pkosecki 9/17/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285539	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:04:33 PM
Data file:	C:\Chem32\1\Data\16Sept19\29.D	Analyst:	Kosecki

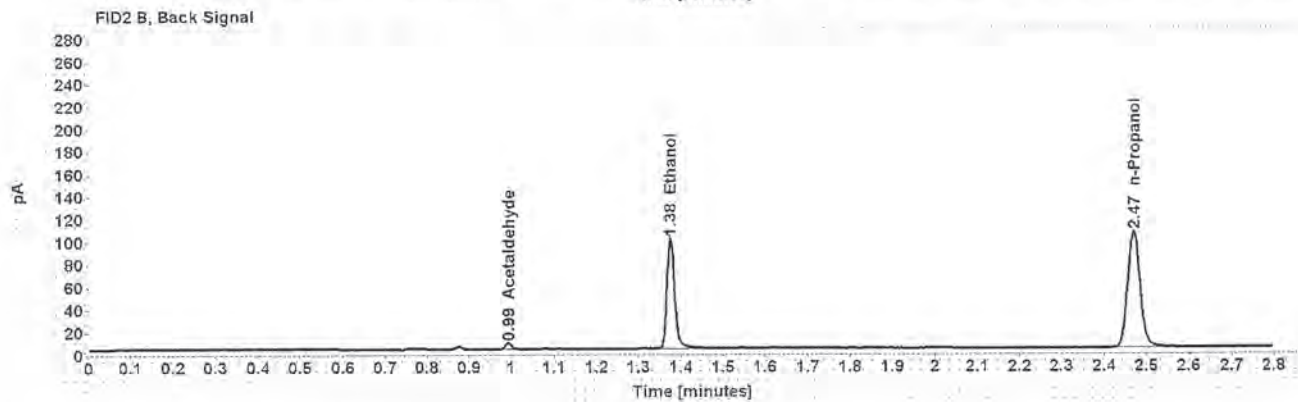
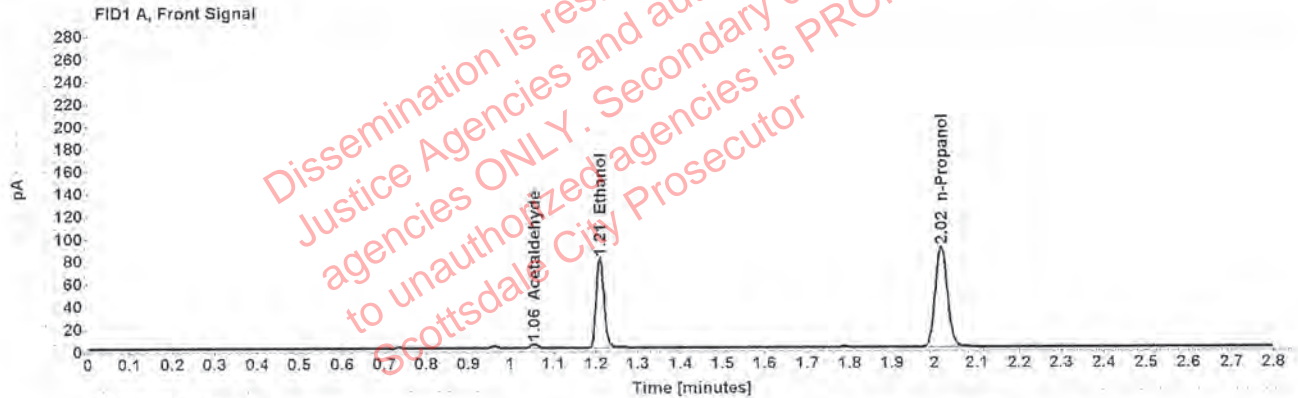


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.834
>Ethanol	0.1607	1.209	102.018
n-Propanol	-----	2.015	177.104

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.985
Ethanol	1.375	126.320
n-Propanol	2.469	212.771

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285539	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:08:33 PM
Data file:	C:\Chem32\1\Data\16Sept19\30.D	Analyst:	Kosecki

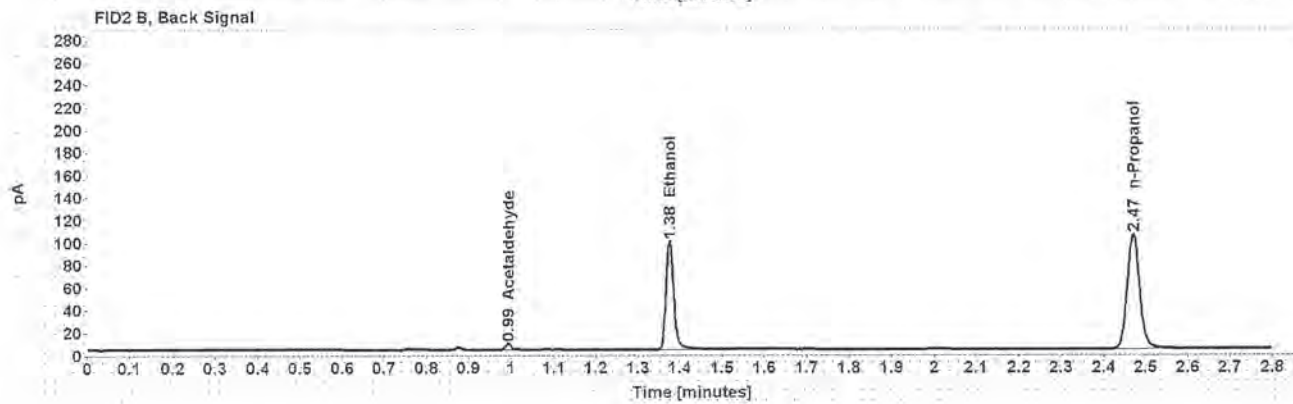
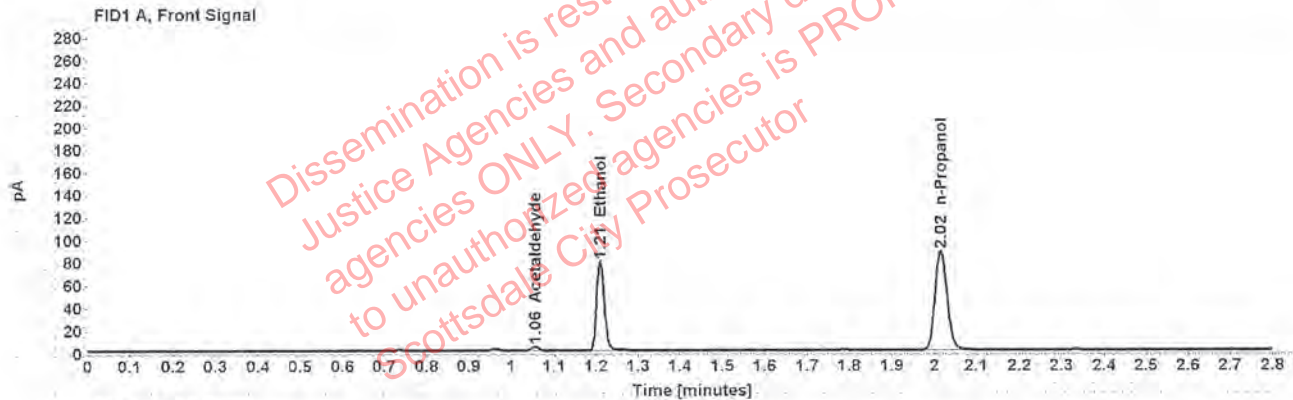


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.842
>Ethanol	0.1610	1.210	101.079
n-Propanol	-----	2.015	175.091

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.997
Ethanol	1.376	124.862
n-Propanol	2.470	210.039

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287914	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:16:48 PM
Data file:	C:\Chem32\1\Data\16Sept19\32.D	Analyst:	Kosecki

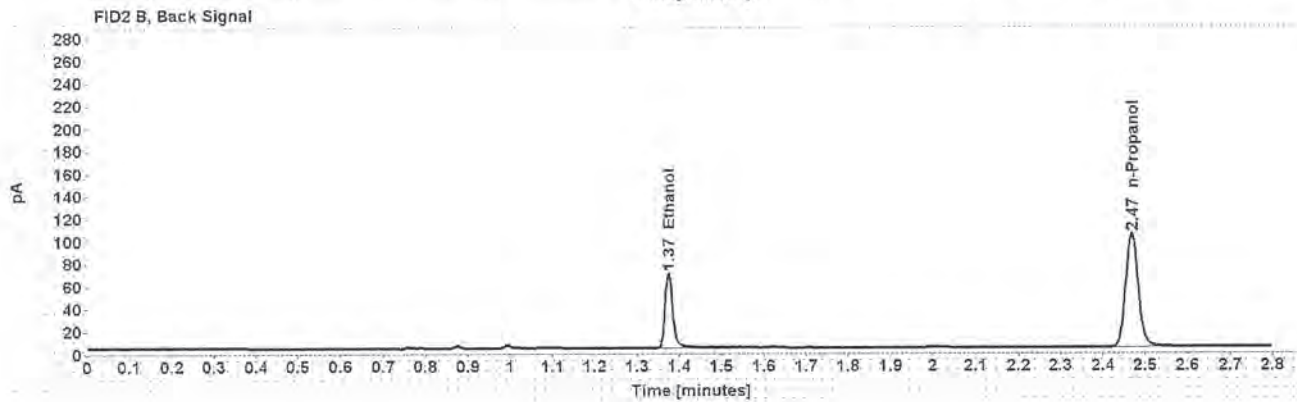
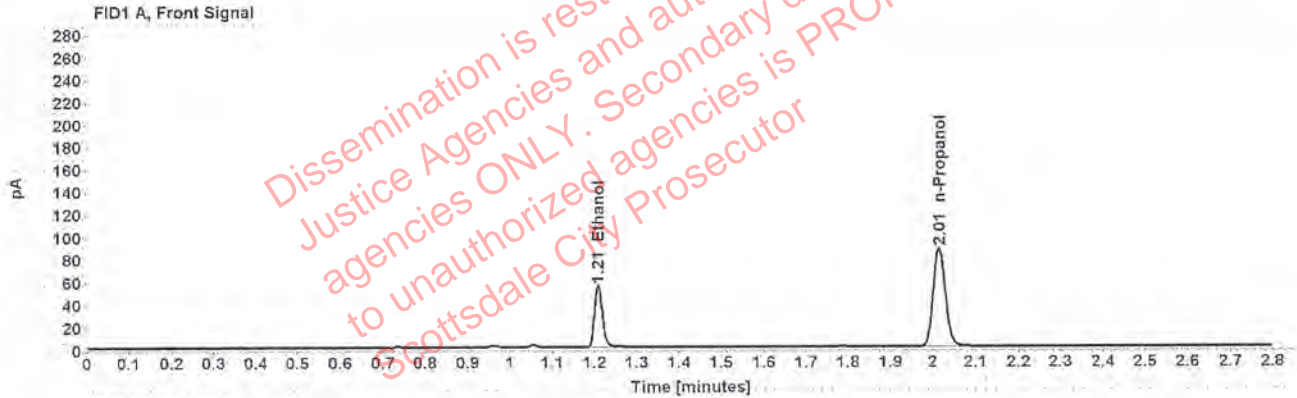


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1125	1.209	69.949
n-Propanol	-----	2.014	173.799

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

Compound	Time (min)	Peak Area
Ethanol	1.374	85.453
n-Propanol	2.468	208.468

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1287914	Vial: 33
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 16Sept19
Instrument: US14173023 CN14160045	Injection date: 9/16/2019 4:20:48 PM
Data file: C:\Chem3211\Data\16Sept19\33.D	Analyst: Kosecki

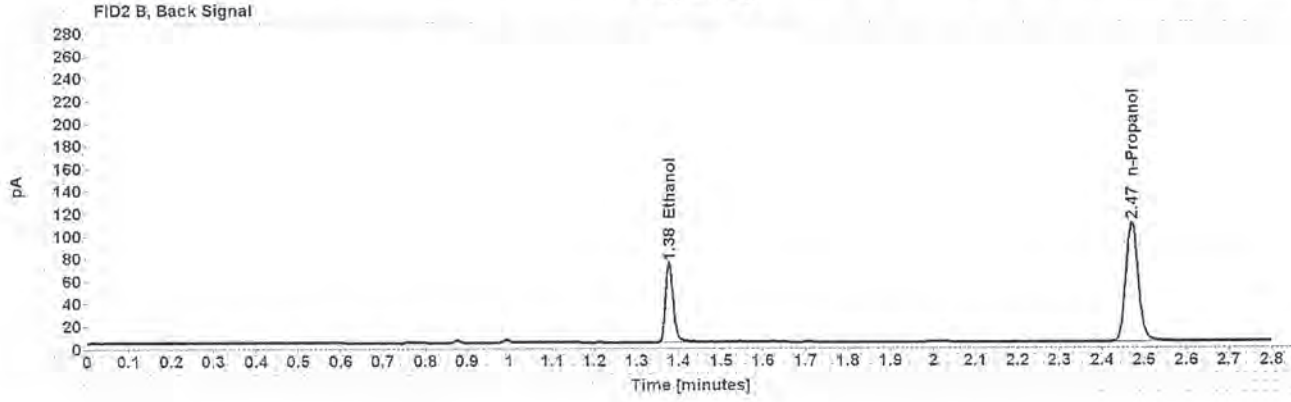
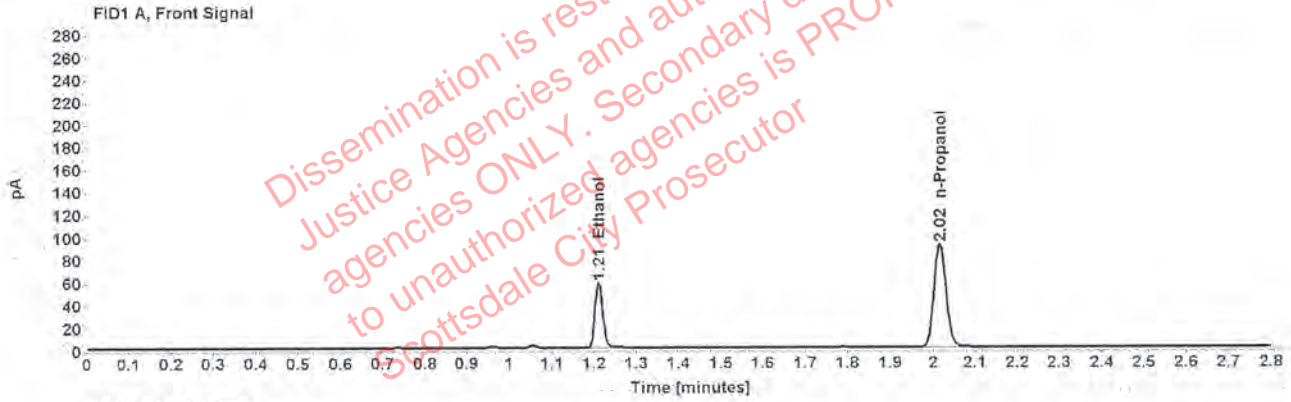


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1139	1.211	74.127
n-Propanol	-----	2.016	181.921

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

Compound	Time (min)	Peak Area
Ethanol	1.377	90.229
n-Propanol	2.470	218.707

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1288017	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:24:48 PM
Data file:	C:\Chem32\1\Data\16Sept19\34.D	Analyst:	Kosecki

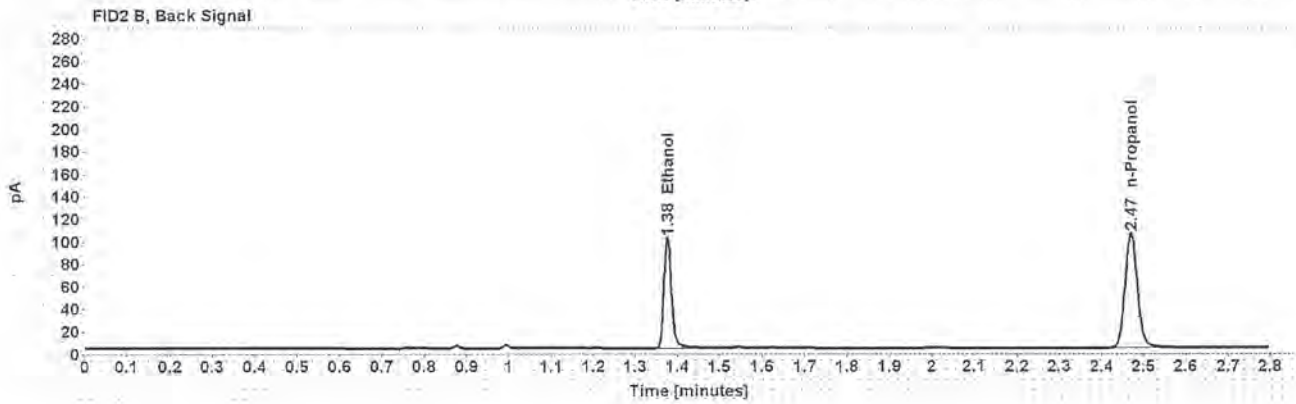
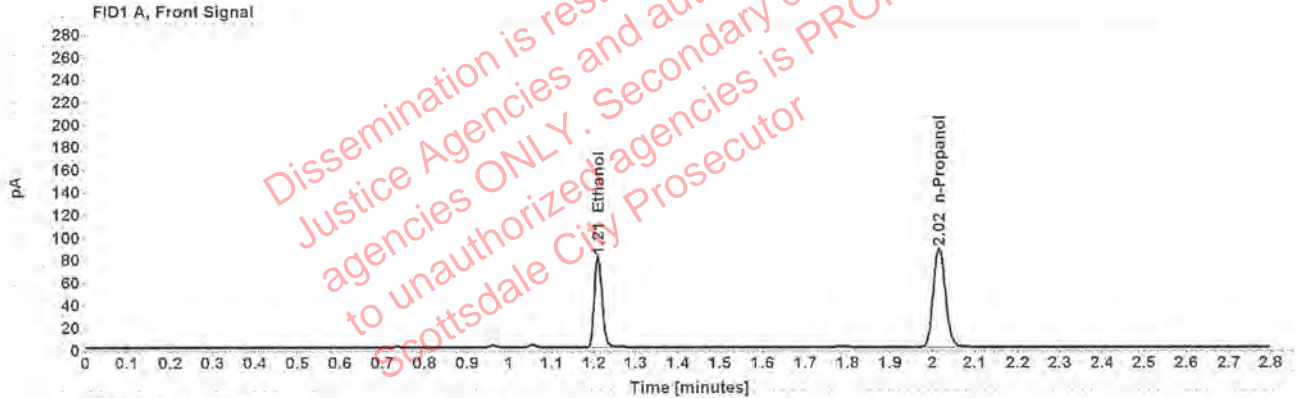


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1643	1.210	103.220
n-Propanol	-----	2.015	175.171

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

Compound	Time (min)	Peak Area
Ethanol	1.376	127.803
n-Propanol	2.470	209.945

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1288017	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:28:48 PM
Data file:	C:\Chem32\1\Data\16Sept19\35.D	Analyst:	Kosecki

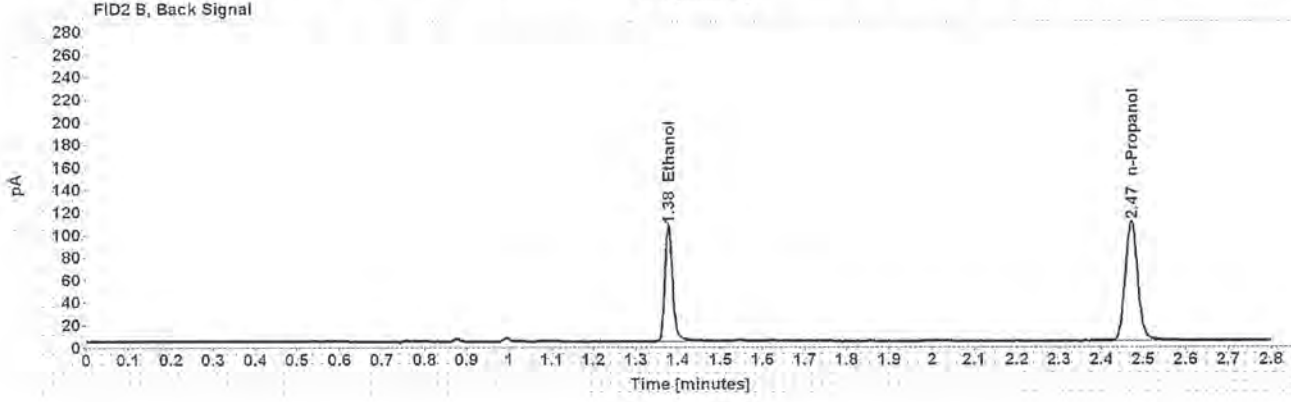
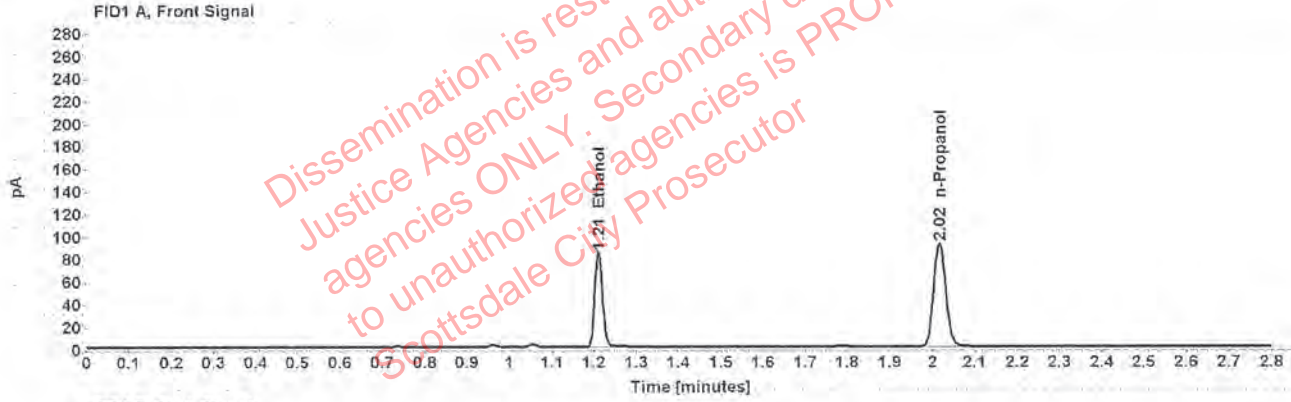


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1645	1.211	107.613
n-Propanol	-----	2.016	182.428

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

Compound	Time (min)	Peak Area
Ethanol	1.377	133.443
n-Propanol	2.471	219.416

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285633	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:32:48 PM
Data file:	C:\Chem32\1\Data\16Sept19\36.D	Analyst:	Kosecki

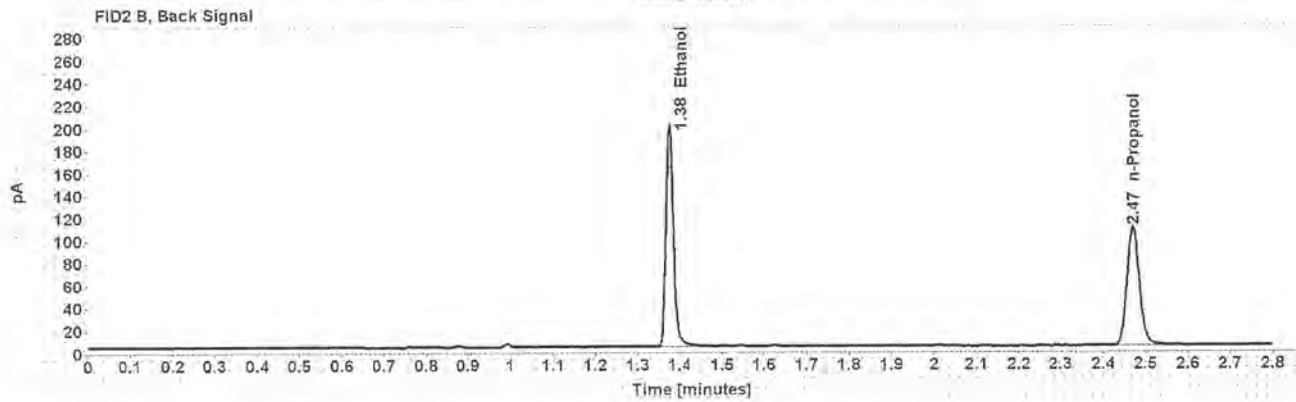
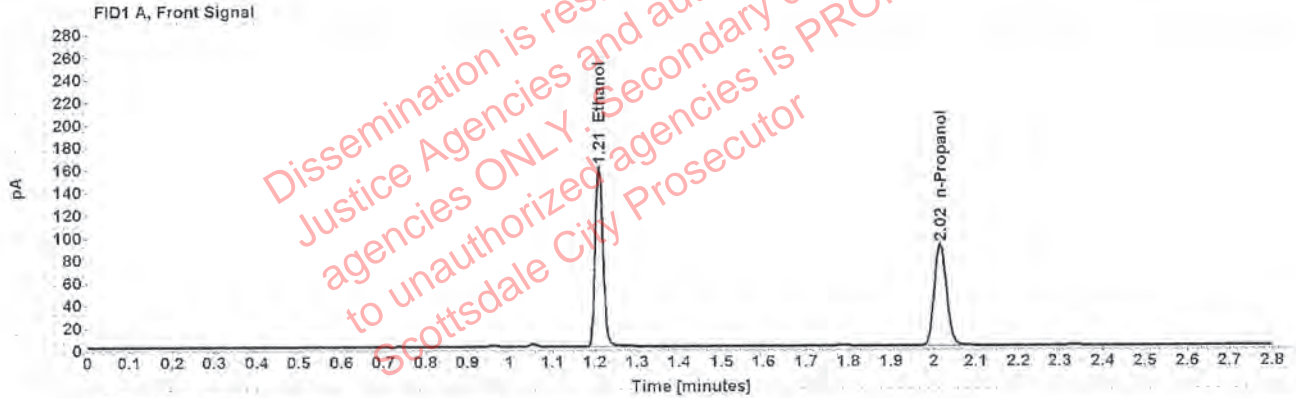


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3155	1.209	204.164
n-Propanol	-----	2.016	180.010

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

Compound	Time (min)	Peak Area
Ethanol	1.376	252.557
n-Propanol	2.470	216.807

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285633	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:37:03 PM
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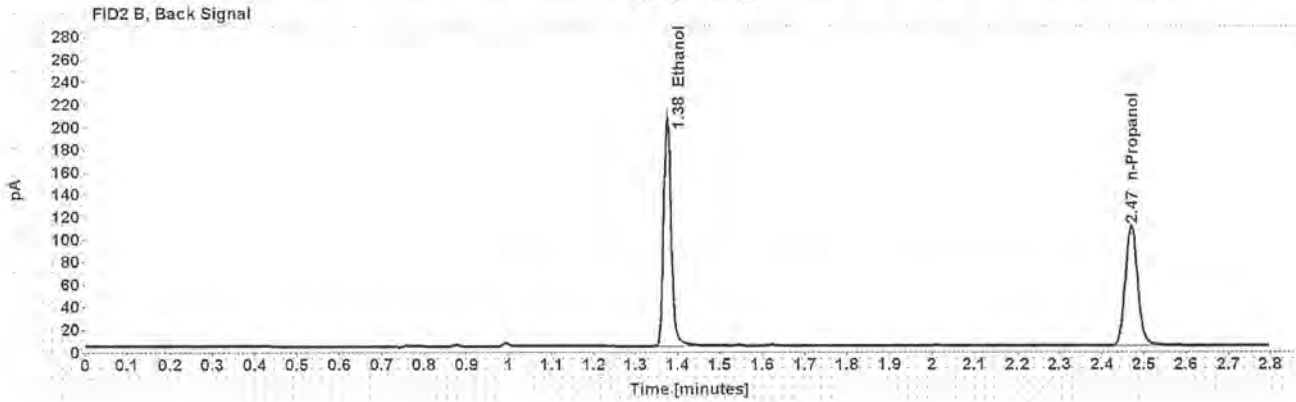
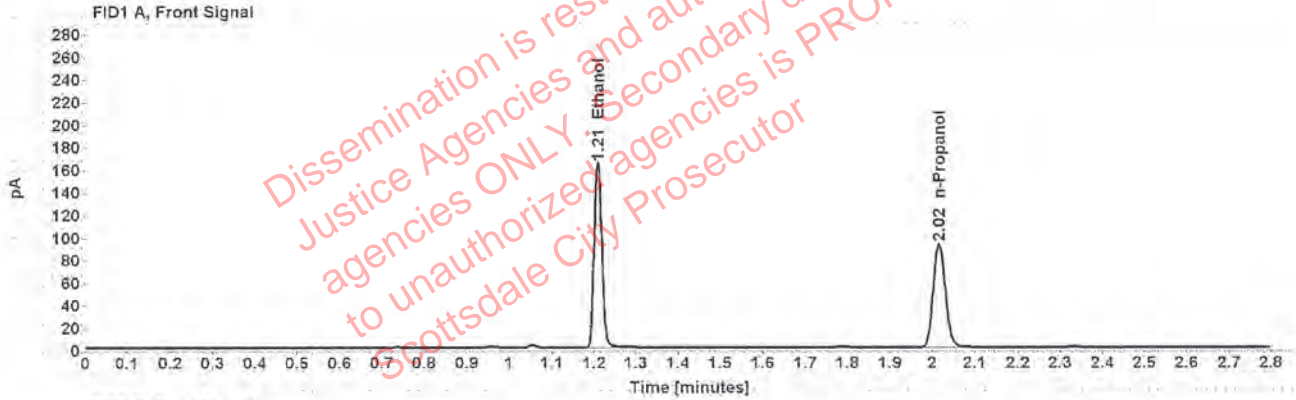


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3191	1.209	209.470
n-Propanol	-----	2.015	182.639

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

Compound	Time (min)	Peak Area
Ethanol	1.375	259.210
n-Propanol	2.469	219.674

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284674	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:41:03 PM
Data file:	C:\Chem32\1\Data\16Sept19\38.D	Analyst:	Kosecki

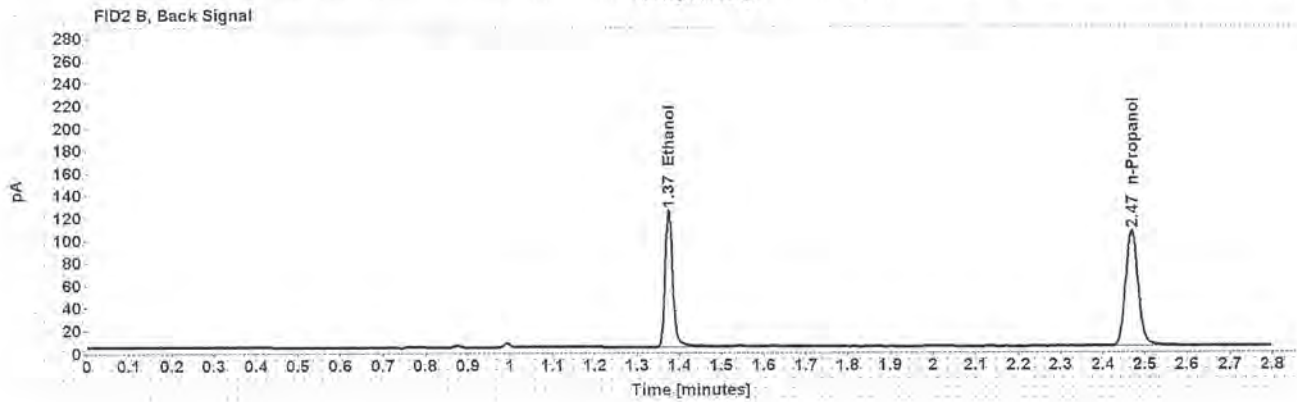
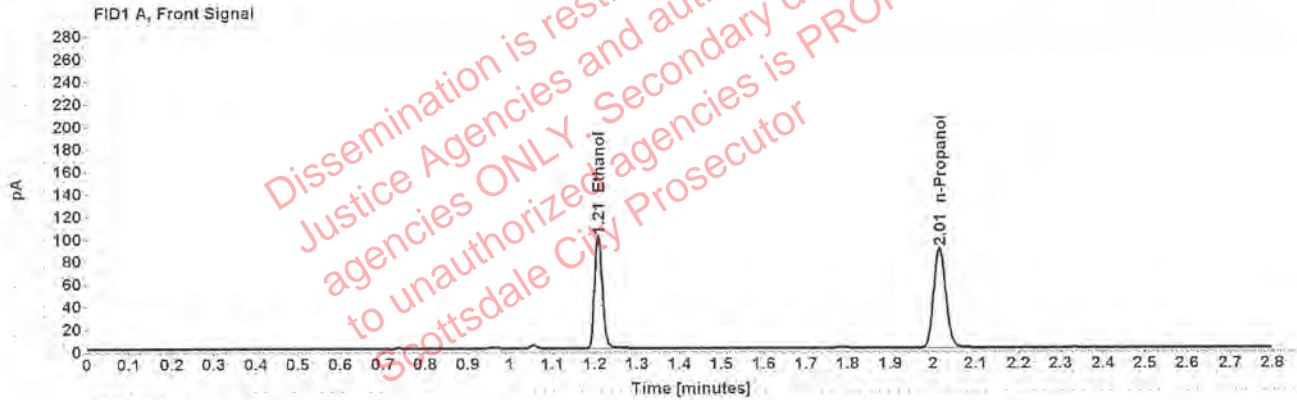


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.209	126.894
n-Propanol	-----	2.014	176.449

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.362
n-Propanol	2.468	212.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284674	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:45:03 PM
Data file:	C:\Chem32\1\Data\16Sept19\39.D	Analyst:	Kosecki

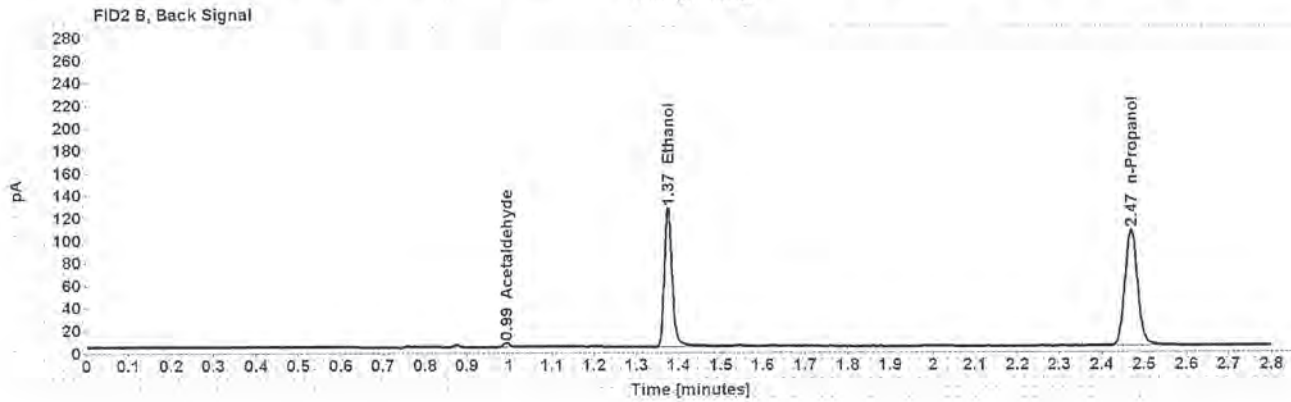
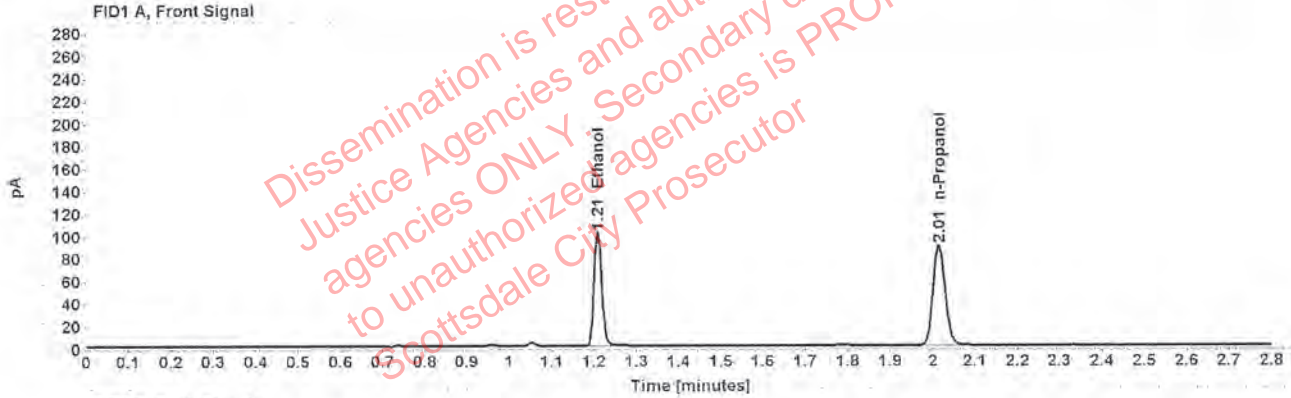


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2019	1.209	128.362
n-Propanol	-----	2.014	177.108

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.772
Ethanol	1.374	159.222
n-Propanol	2.468	213.361

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287548	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:49:03 PM
Data file:	C:\Chem32\1\Data\16Sept19\40.D	Analyst:	Kosecki

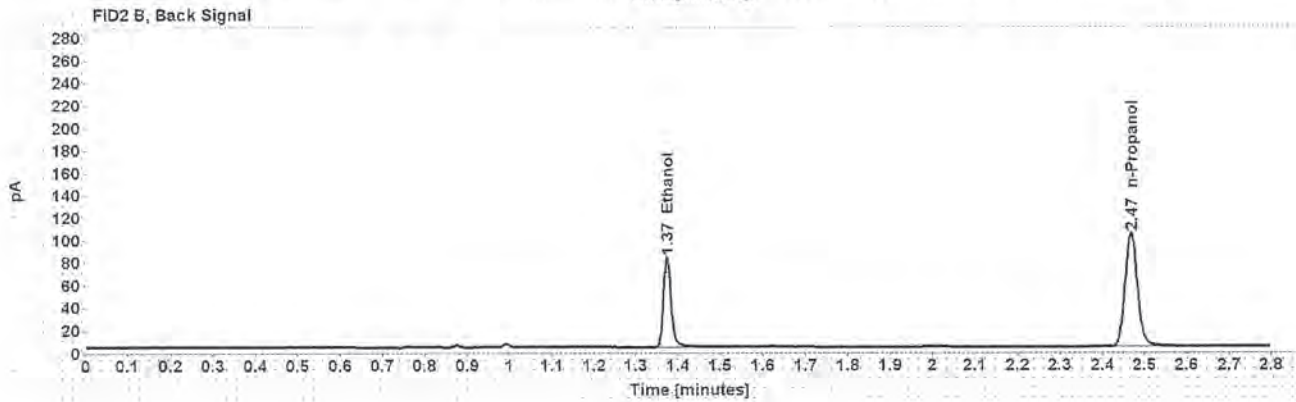
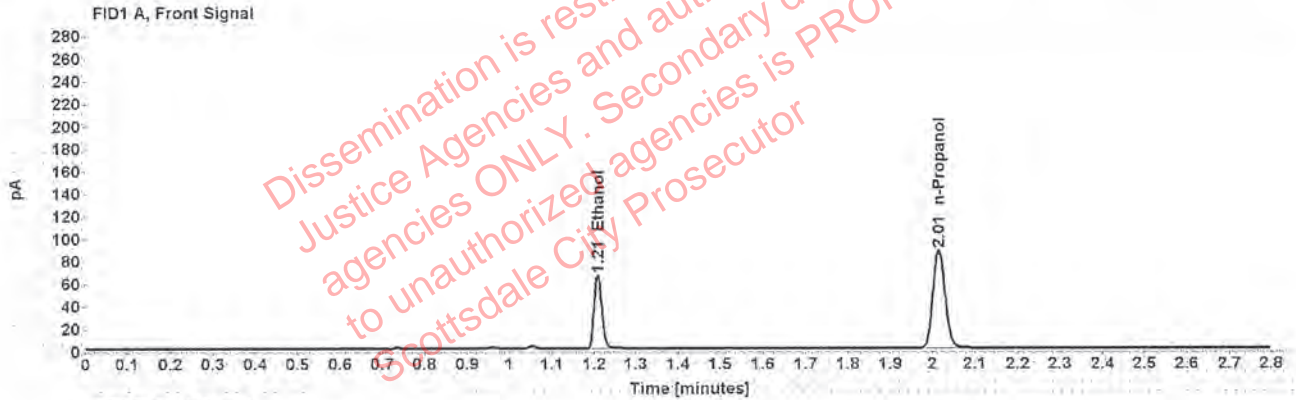


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1348	1.209	83.611
n-Propanol	-----	2.014	173.137

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

Compound	Time (min)	Peak Area
Ethanol	1.374	103.765
n-Propanol	2.468	208.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287548	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 4:53:04 PM
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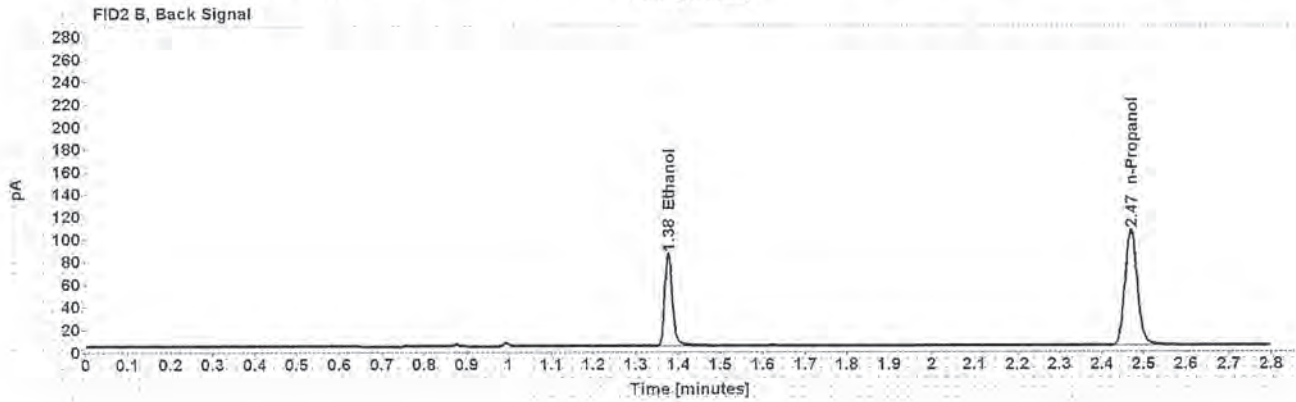
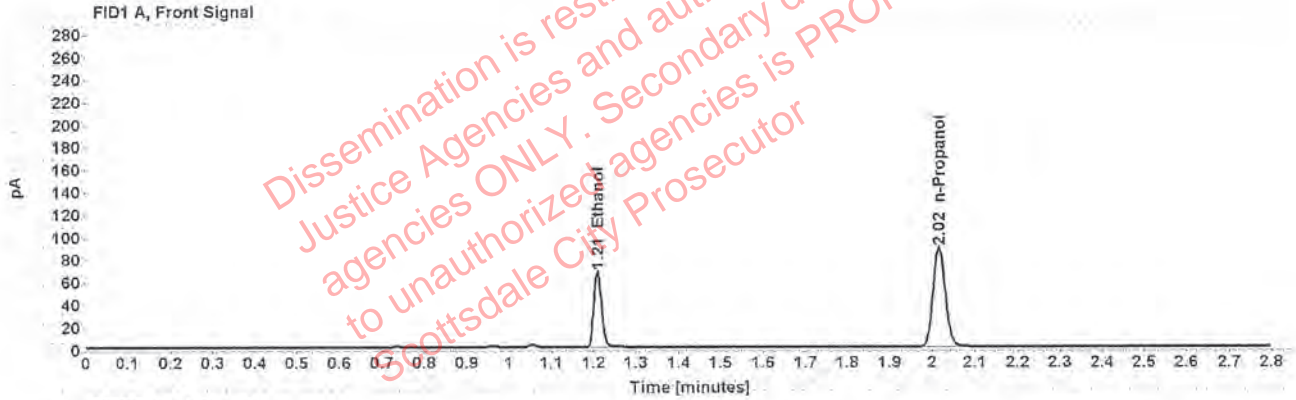


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1359	1.210	85.474
n-Propanol	-----	2.015	175.561

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

Compound	Time (min)	Peak Area
Ethanol	1.376	106.327
n-Propanol	2.469	211.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34003LC	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:01:18 PM
Data file:	C:\Chem32\1\Data\16Sept19\43.D	Analyst:	Kosecki

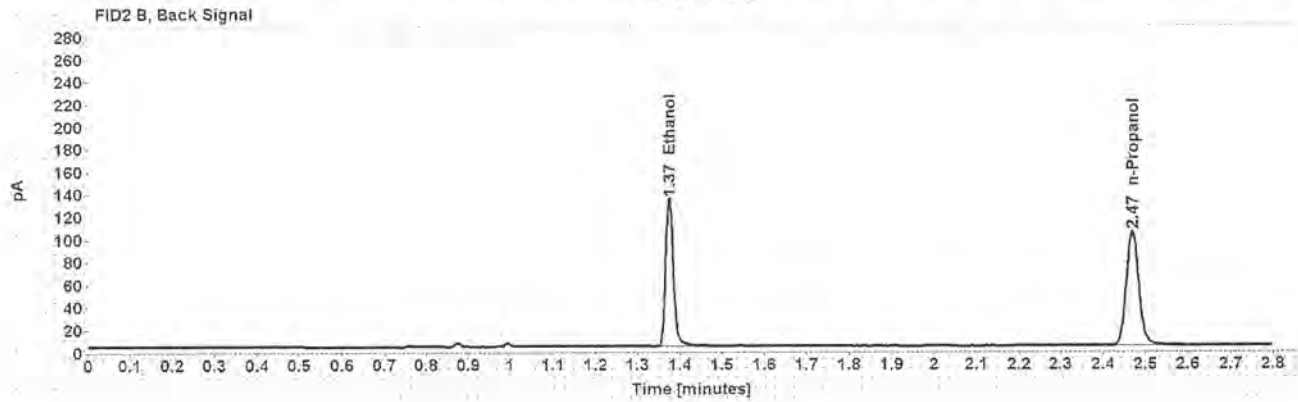
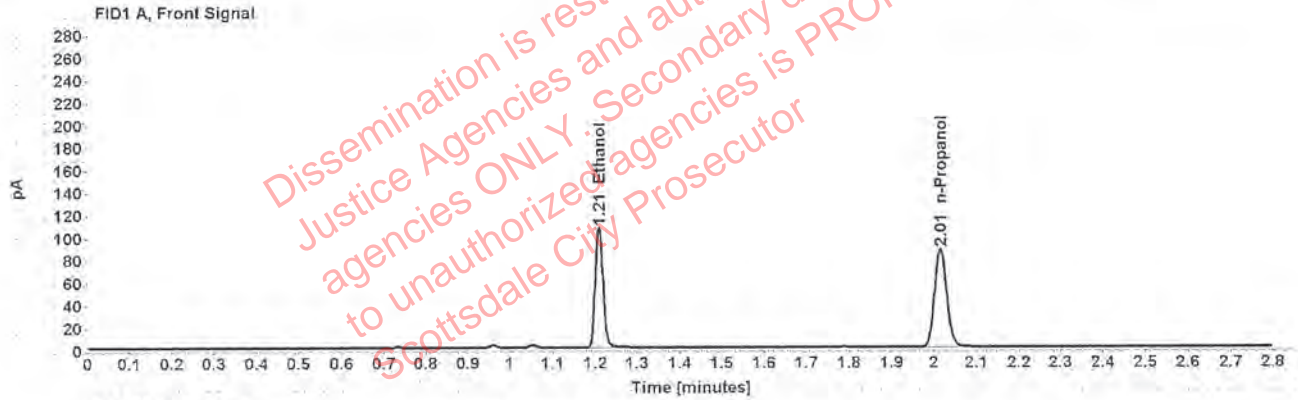


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2184	1.209	136.178
n-Propanol	-----	2.015	173.689

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.630
n-Propanol	2.469	209.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34003LC	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:05:19 PM
Data file:	C:\Chem32\1\Data\16Sept19\44.D	Analyst:	Kosecki

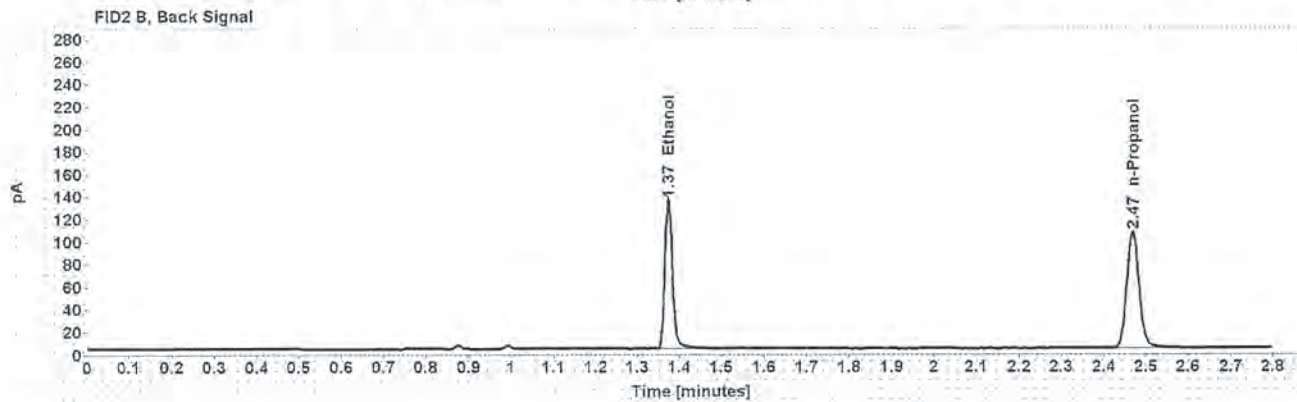
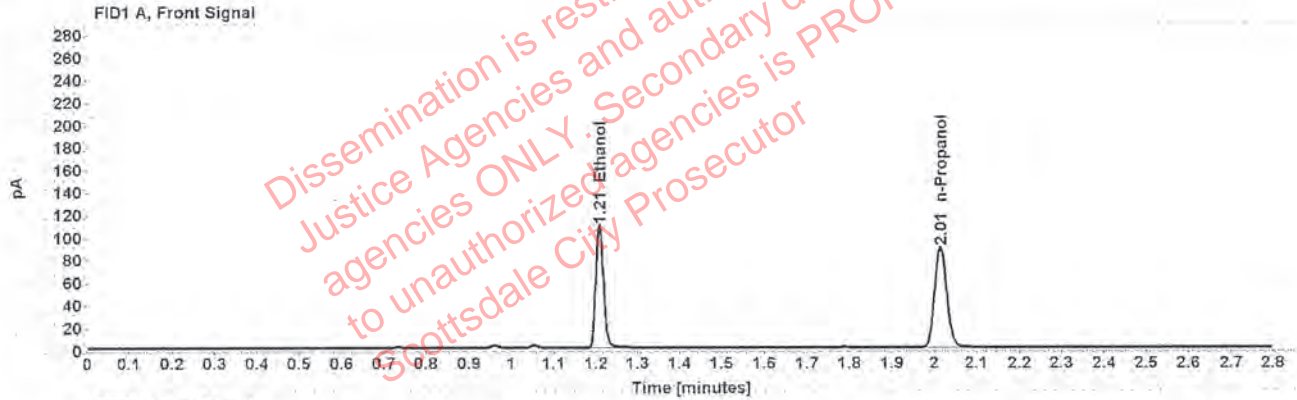


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2172	1.208	137.763
n-Propanol	-----	2.014	176.685

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.873
n-Propanol	2.468	212.665

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287929	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:09:18 PM
Data file:	C:\Chem32\1\Data\16Sept19\45.D	Analyst:	Kosecki

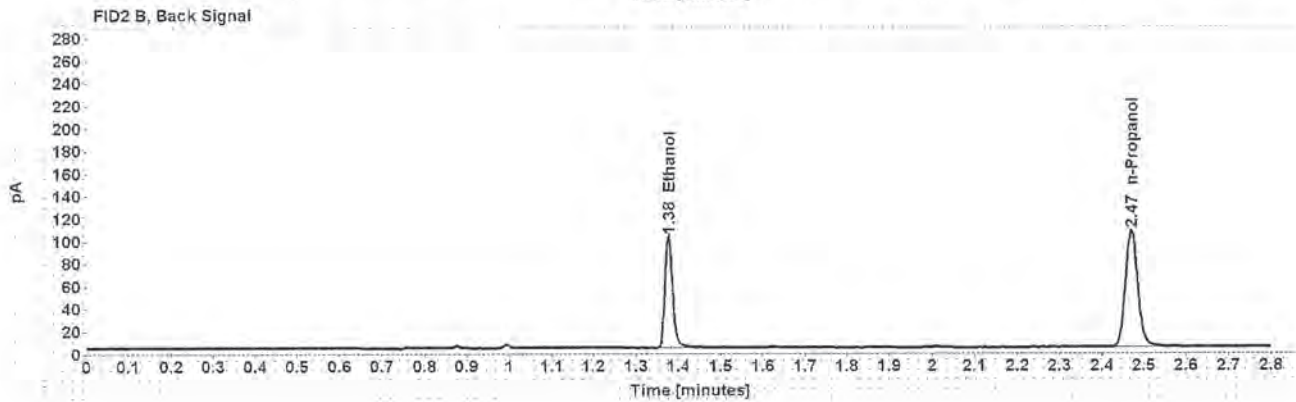
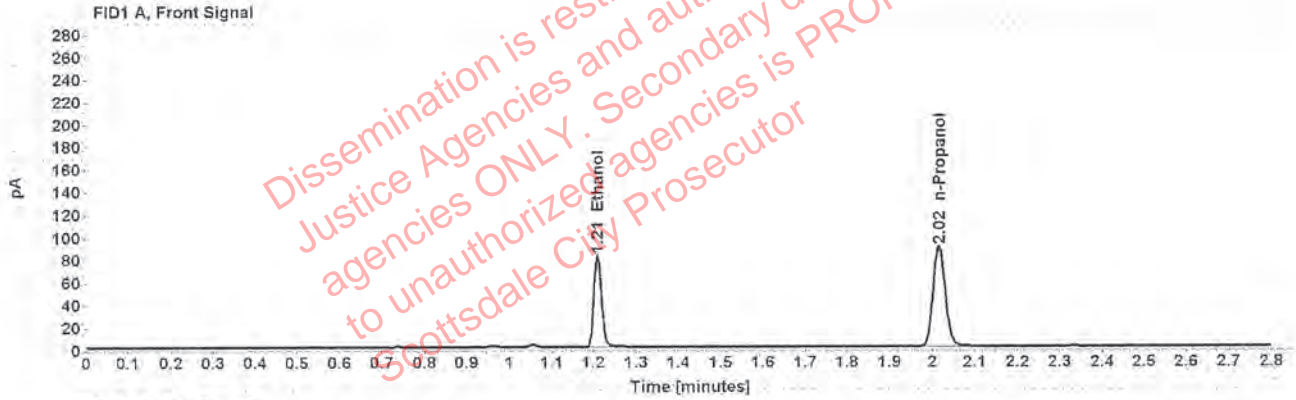


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1631	1.210	103.460
n-Propanol	-----	2.016	176.920

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

Compound	Time (min)	Peak Area
Ethanol	1.376	128.258
n-Propanol	2.470	212.929

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1287929	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:13:19 PM
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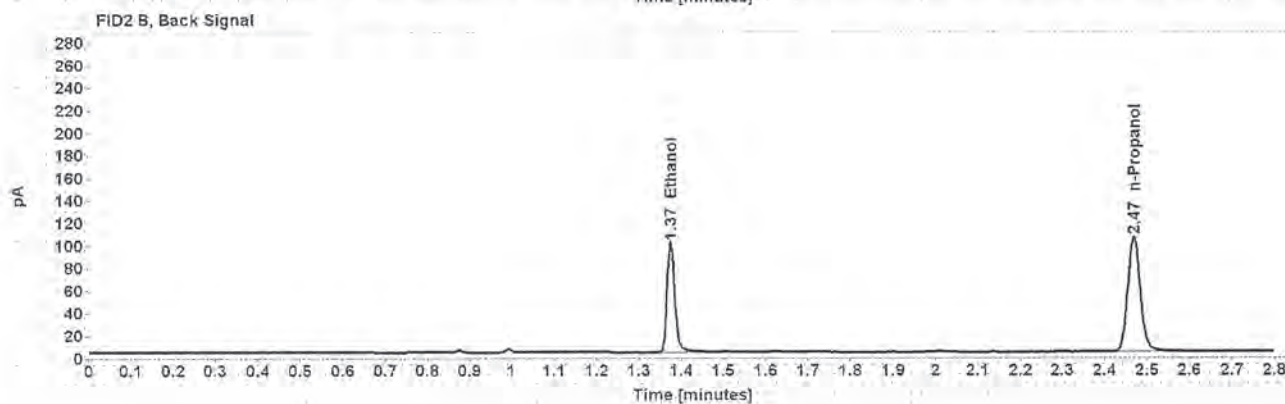
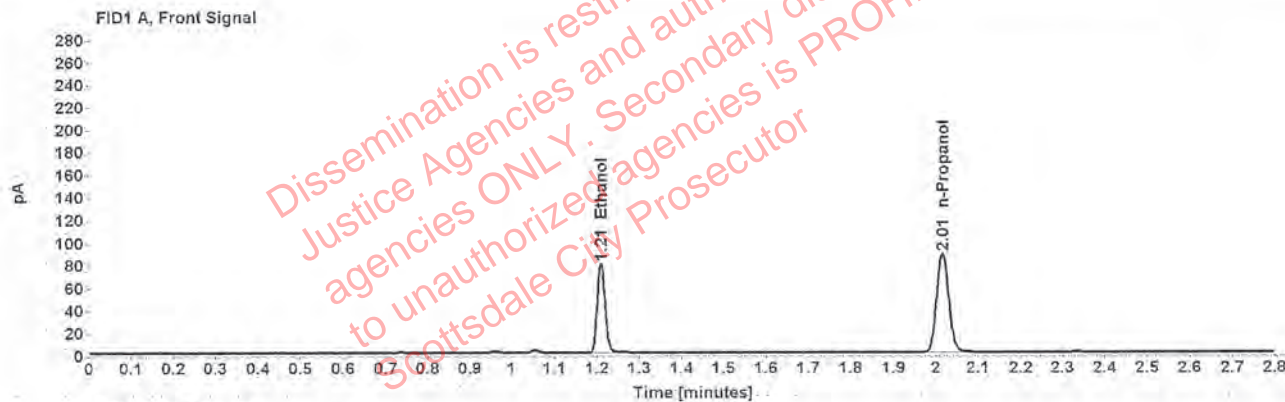


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1621	1.209	101.863
n-Propanol	-----	2.015	175.228

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

Compound	Time (min)	Peak Area
Ethanol	1.375	126.556
n-Propanol	2.469	210.582

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285998	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:17:18 PM
Data file:	C:\Chem32\1\Data\16Sept19\47.D	Analyst:	Kosecki

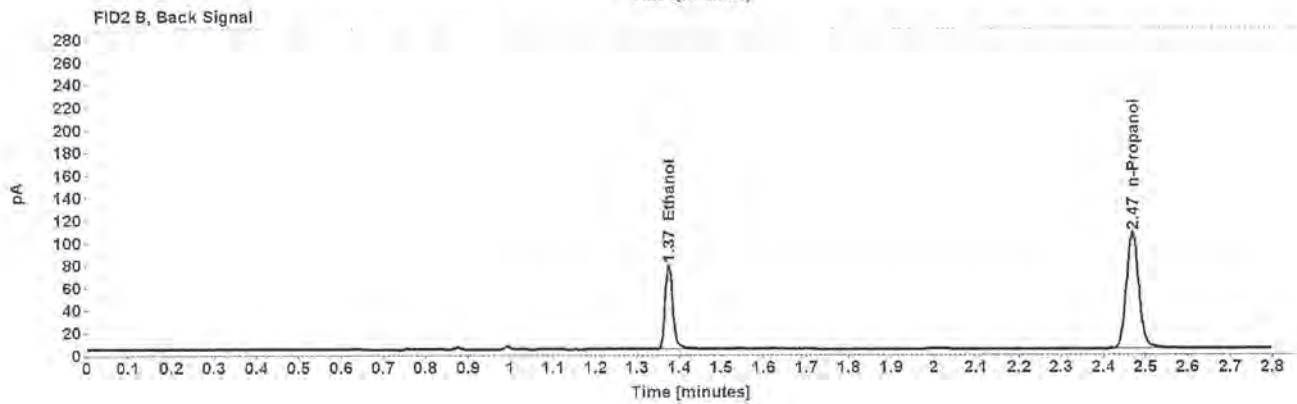
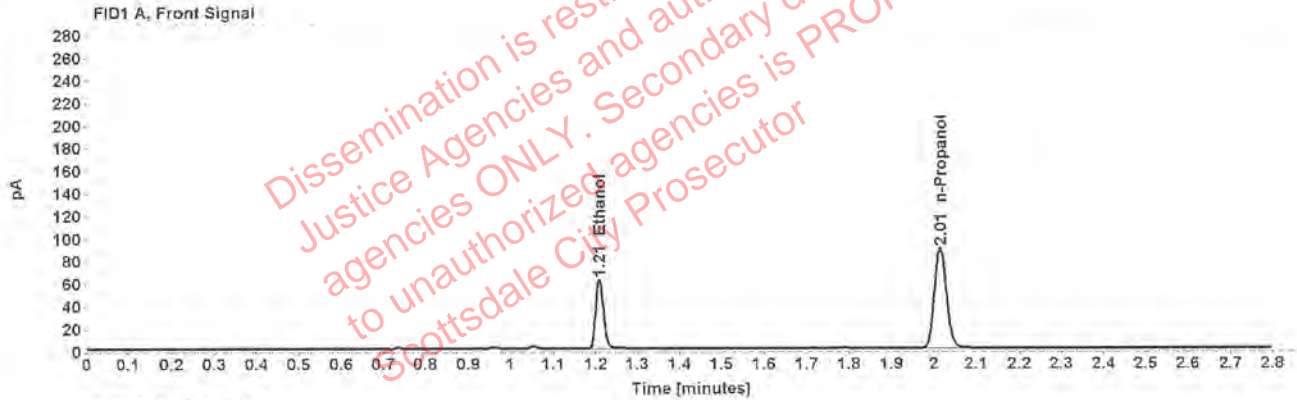


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1246	1.209	78.923
n-Propanol	-----	2.014	176.901

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

Compound	Time (min)	Peak Area
Ethanol	1.375	96.368
n-Propanol	2.468	213.554

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285998	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:21:18 PM
Data file:	C:\Chem32\11\Data\16Sept19\48.D	Analyst:	Kosecki

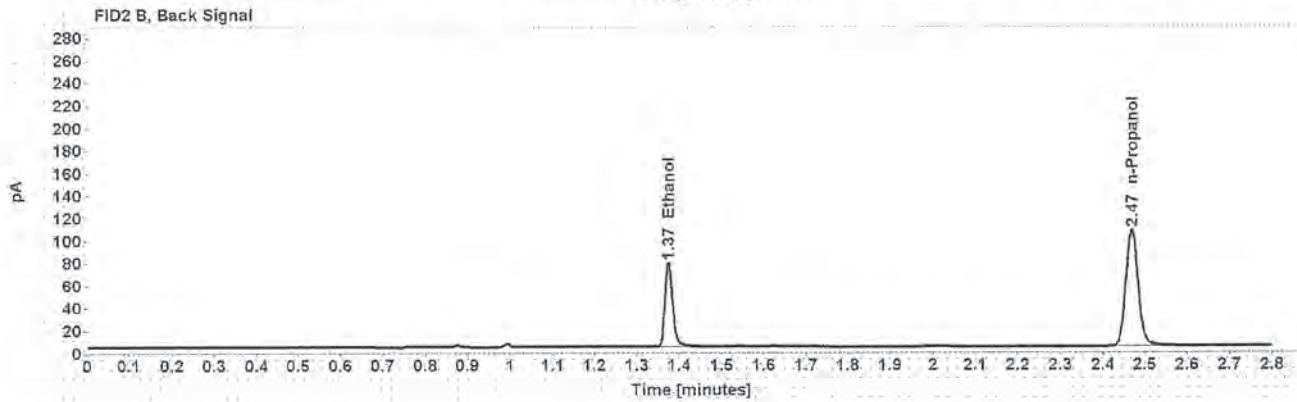
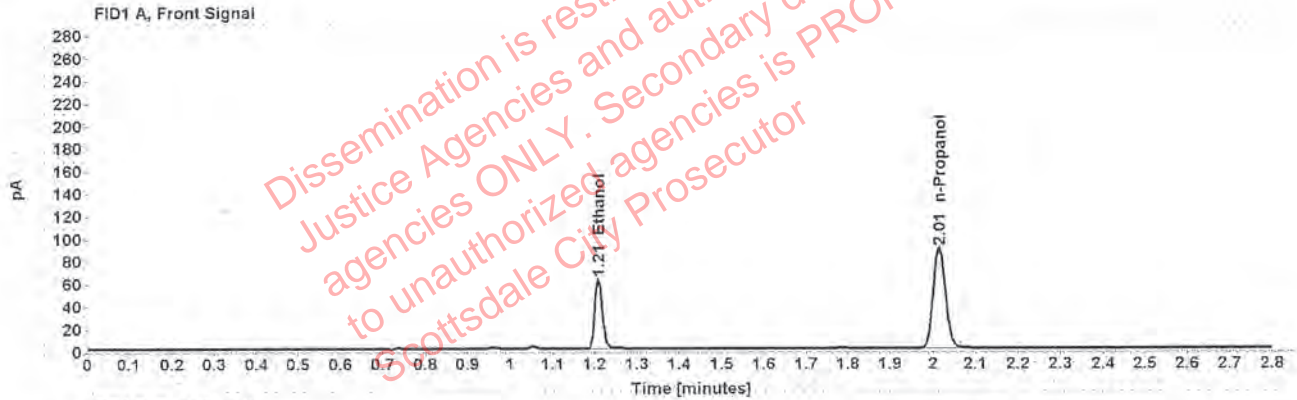


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1241	1.209	78.971
n-Propanol	-----	2.014	177.820

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

Compound	Time (min)	Peak Area
Ethanol	1.374	96.719
n-Propanol	2.468	214.359

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1286743	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:25:33 PM
Data file:	C:\Chem321\1\Data\16Sept19\49.D	Analyst:	Kosecki

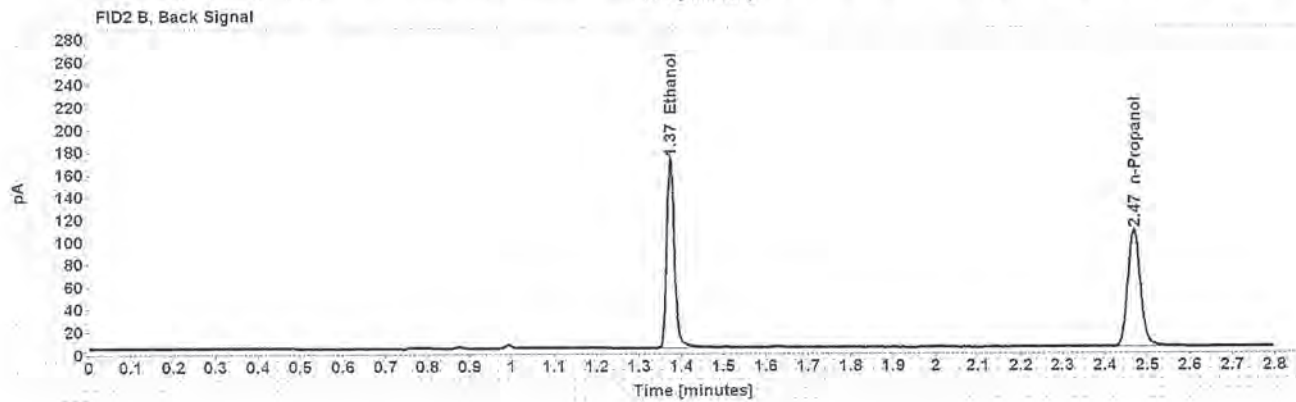
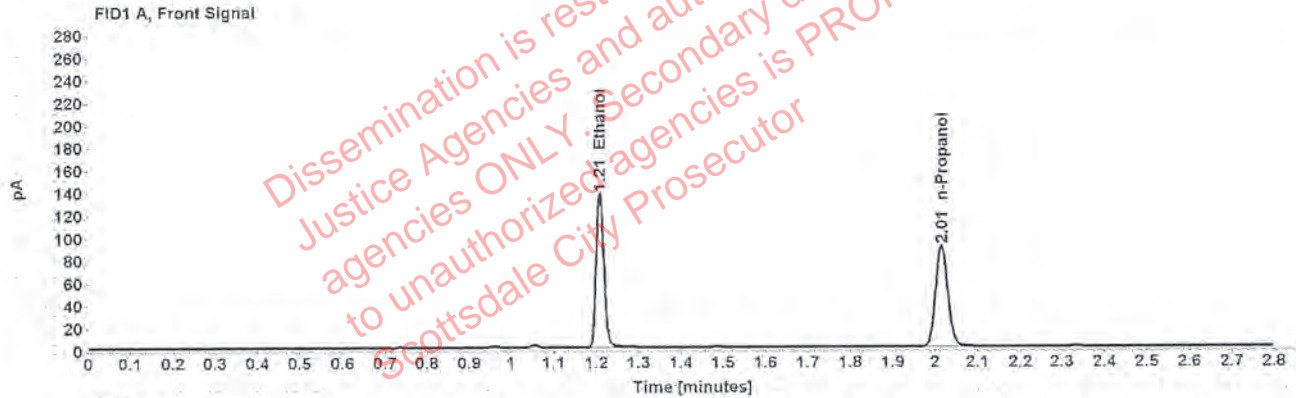


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2719	1.208	174.240
n-Propanol	-----	2.014	178.368

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

Compound	Time (min)	Peak Area
Ethanol	1.374	215.880
n-Propanol	2.468	215.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1286743	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:29:34 PM
Data file:	C:\Chem32\1\Data\16Sept19\50.D	Analyst:	Kosecki

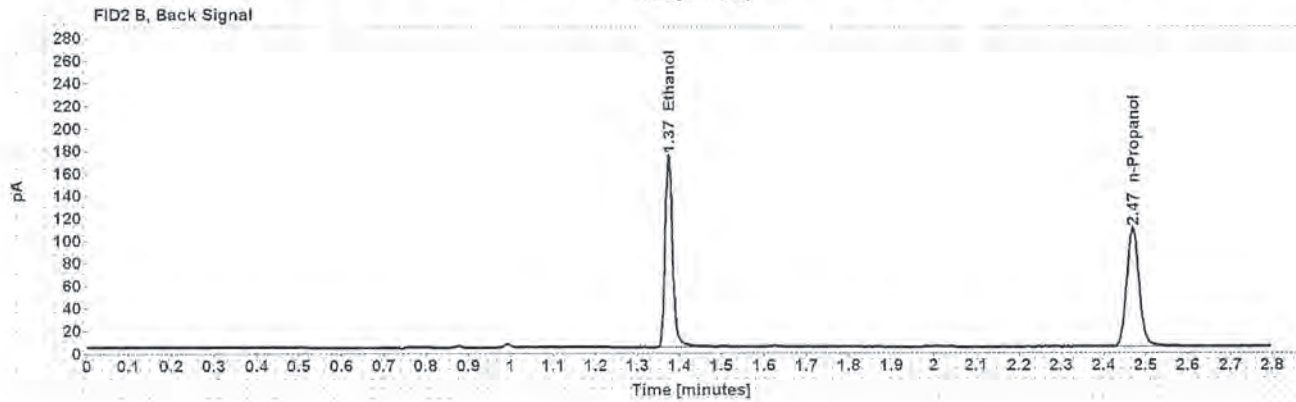
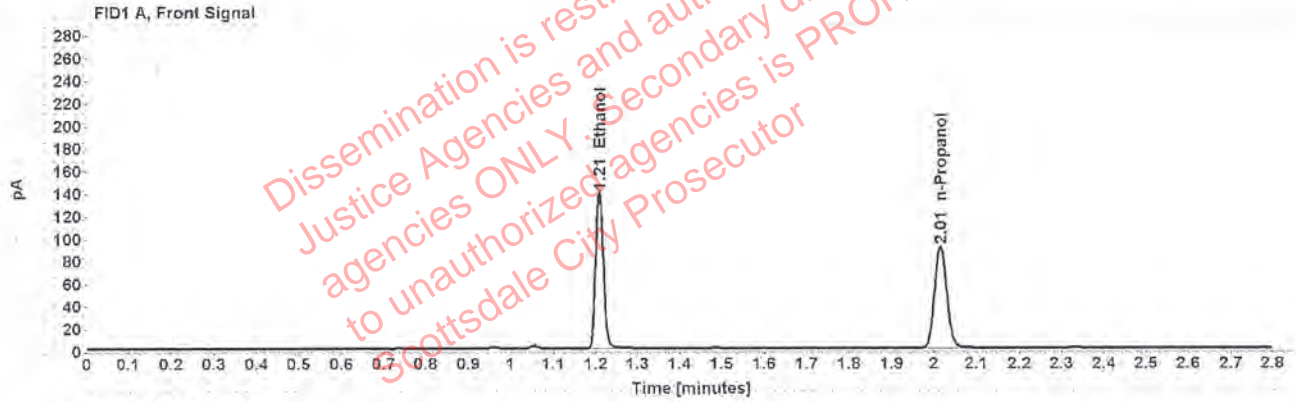


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2726	1.208	176.448
n-Propanol	-----	2.015	180.172

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

Compound	Time (min)	Peak Area
Ethanol	1.374	218.741
n-Propanol	2.468	217.335

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1053676	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:33:34 PM
Data file:	C:\Chem32\1\Data\16Sept19\51.D	Analyst:	Kosecki

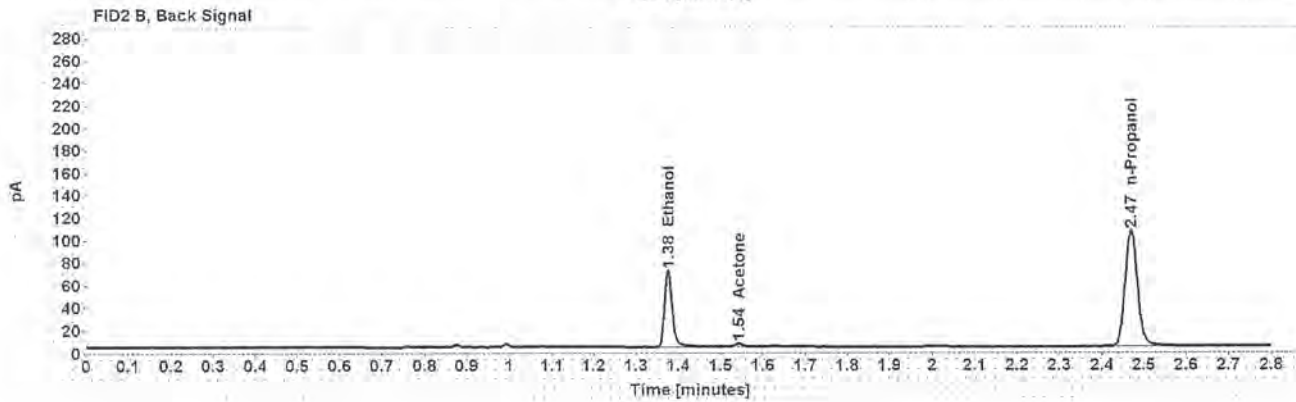
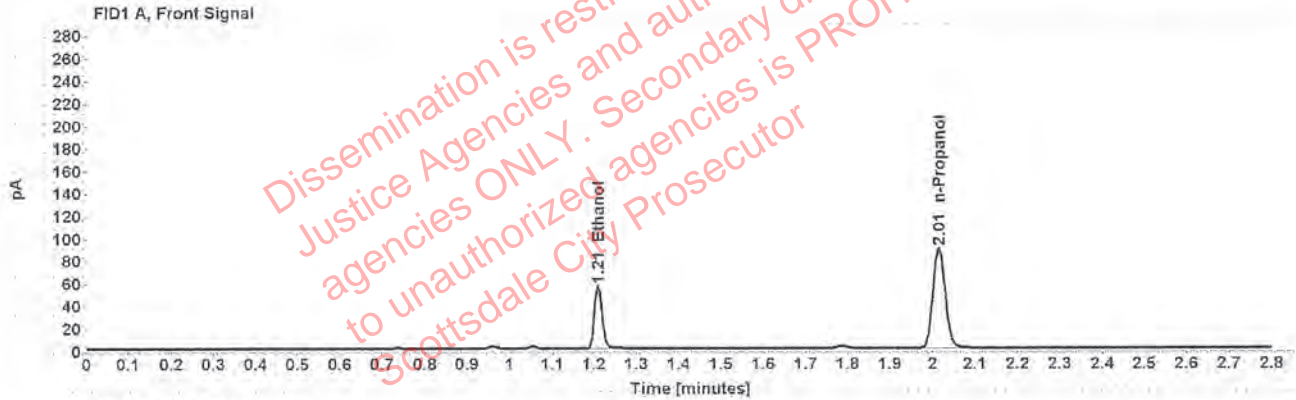


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1120	1.210	70.796
n-Propanol	-----	2.015	176.669

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

Compound	Time (min)	Peak Area
Ethanol	1.375	88.301
Acetone	1.543	4.291
n-Propanol	2.469	213.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1053676	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	16Sept19
Instrument:	US14173023 CN14160045	Injection date:	9/16/2019 5:37:33 PM
Data file:	C:\Chem32\1\Data\16Sept19\52.D	Analyst:	Kosecki

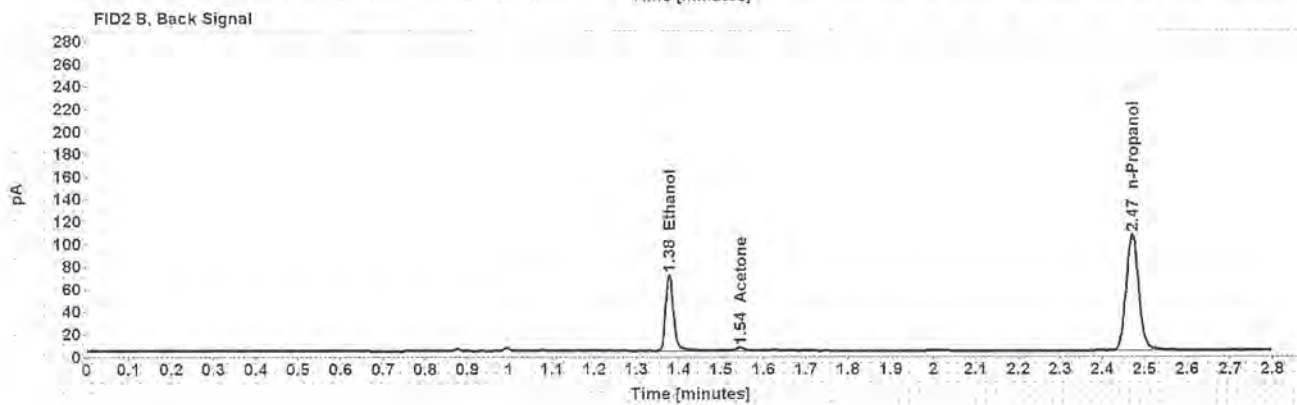
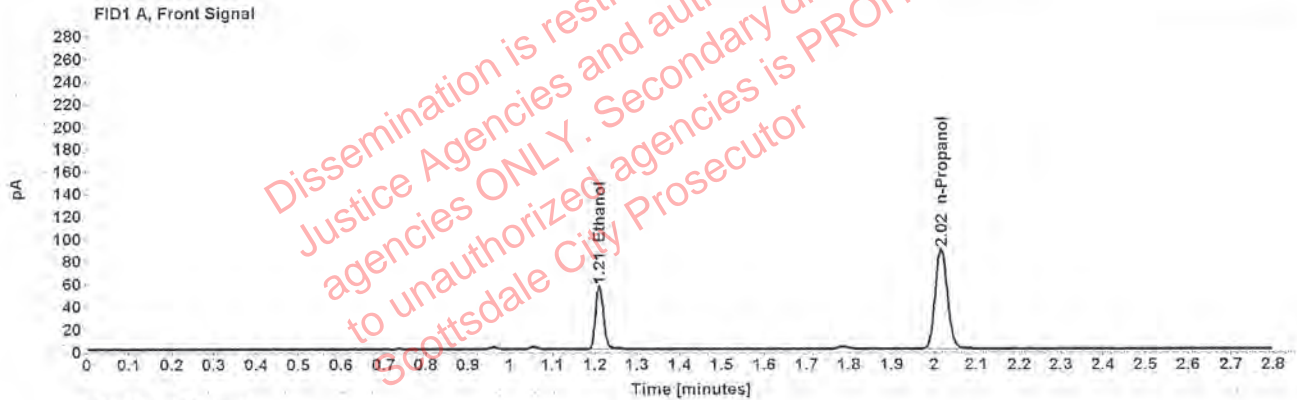


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1130	1.211	71.347
n-Propanol	-----	2.016	176.546

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

Compound	Time (min)	Peak Area
Ethanol	1.377	88.773
Acetone	1.544	4.260
n-Propanol	2.470	213.251