

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 8/05/19 SEQUENCE NAME 05Aug19

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 0.99999
 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	0.403 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	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 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	0.200 g/dL	ACQ 407041529/13
53	Aqueous control	0.400 g/dL	0.408 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	0.200 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: Subject name in [redacted] changed from Bret to Brett after run.

Run valid Run invalid KOSECKI 8/6/19 Analyst
 Run valid Run invalid [Signature] 8/6/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

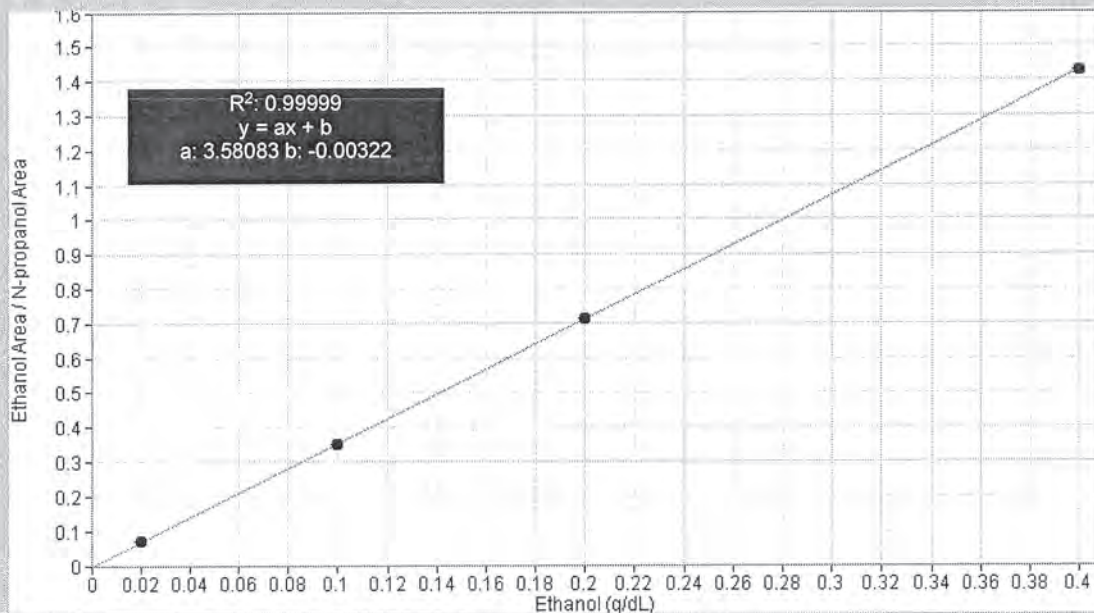
SEQUENCE NAME: 05Aug19

ANALYST: Kosecki *AK*

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	0.403	0.400	0.75	0.003
0.040 09022015-A	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.150 09022015-C	31	0.152	0.150	1.33	0.002
0.198 407041529/13	42	0.200	0.198	1.01	0.002
0.40 08012015-C	53	0.408	0.400	2.00	0.008
0.04 09022015-A	54	0.040	0.040	0.00	0.000
0.198 407041529/13	55	0.200	0.198	1.01	0.002
blank 040919VWB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.894	171.375	0.069
0.100	62.205	176.297	0.353
0.200	121.823	170.608	0.714
0.400	242.316	169.569	1.429

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 05Aug19
Method: ethanol quant.M	Injection date: 8/5/2019 3:29:43 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem32\1\Data\05Aug19\1.D	

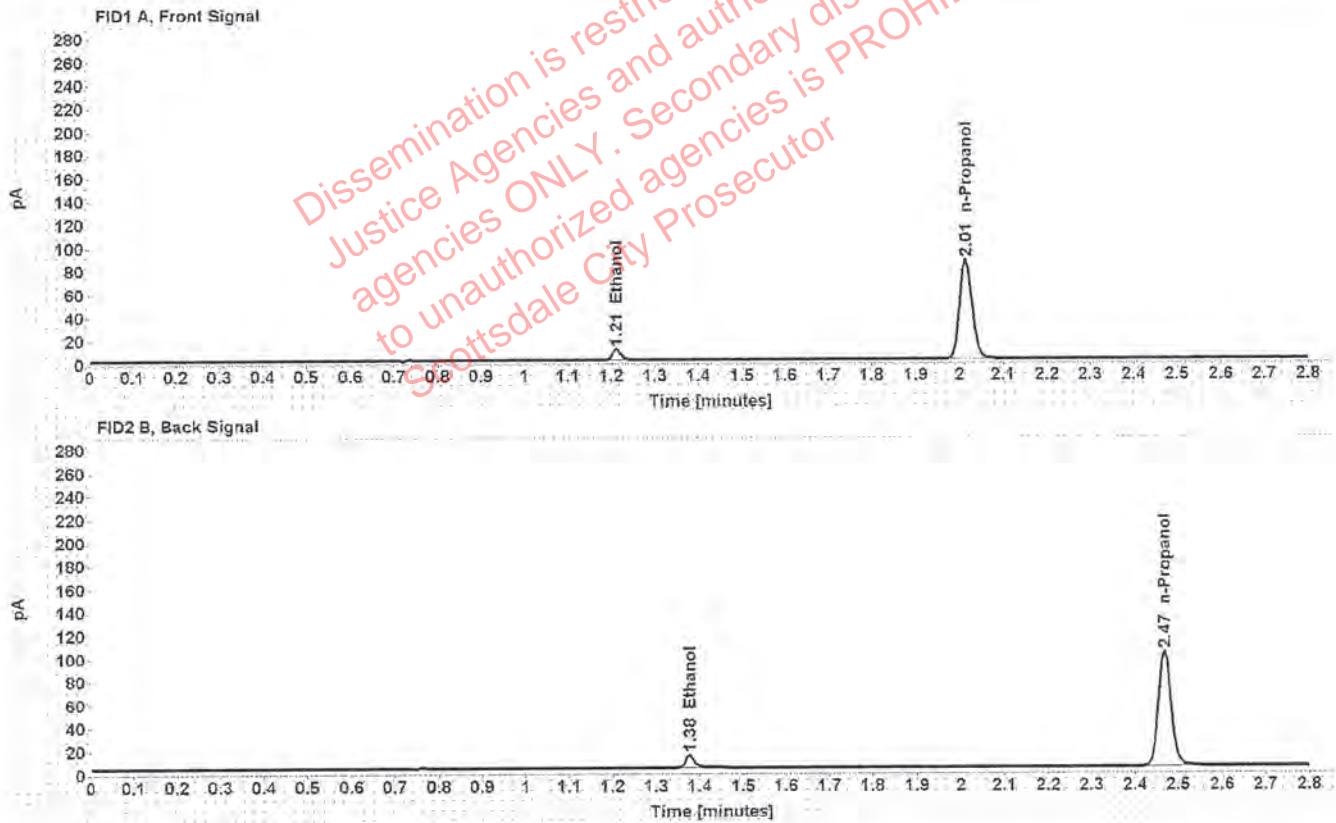


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.894
n-Propanol	2.014	171.375

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.382
n-Propanol	2.468	203.643

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 callibrator	Sequence: 05Aug19
Method: ethanol quant.M	Injection date: 8/5/2019 3:33:40 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem32\1\Data\05Aug19\2.D	

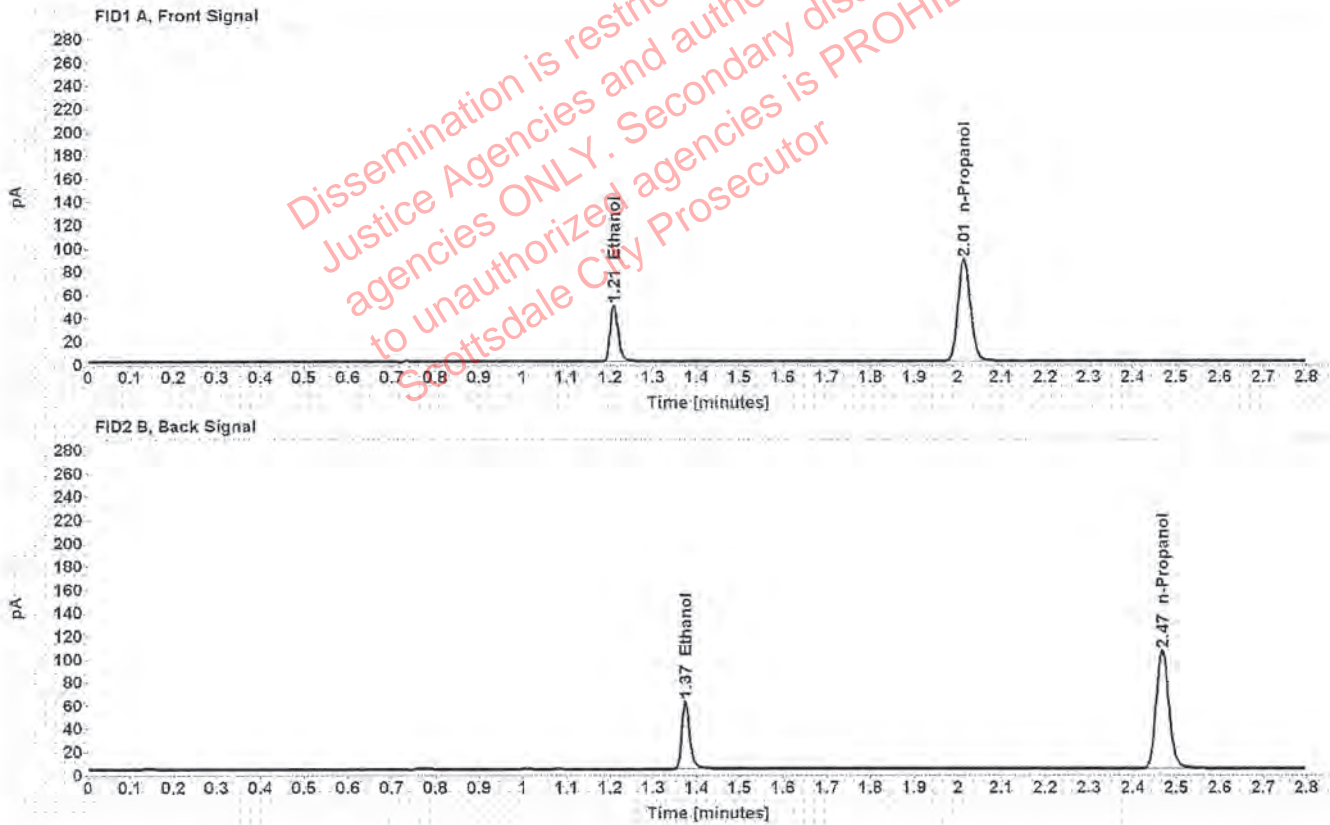


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	62.205
n-Propanol	2.014	176.297

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.955
n-Propanol	2.468	210.400

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06231704	Vial:	3
Description:	0.200 calibrator	Sequence:	05Aug19
Method:	ethanol quant.M	Injection date:	8/5/2019 3:37:42 PM
Instrument:	US14173023 CN14160045	Analyst:	Kosecki <i>AK</i>
Data file:	C:\Chem32\1\Data\05Aug19\3.D		

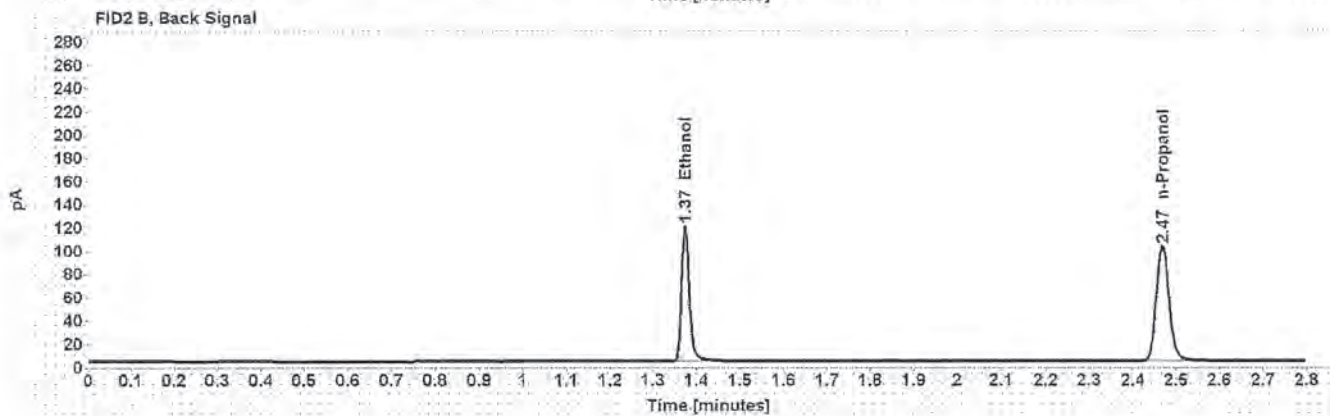
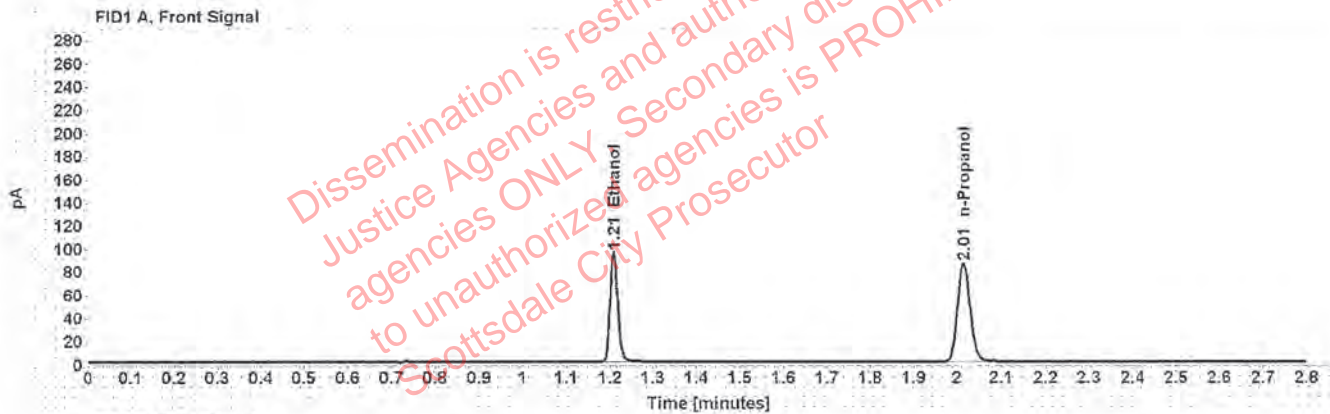


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	121.823
n-Propanol	2.014	170.608

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

Compound	Time (min)	Peak Area
Ethanol	1.374	149.191
n-Propanol	2.468	204.049

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 05Aug19
Method: ethanol quant.M	Injection date: 8/5/2019 3:41:40 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>K</i>
Data file: C:\Chem32\1\Data\05Aug19\4.D	

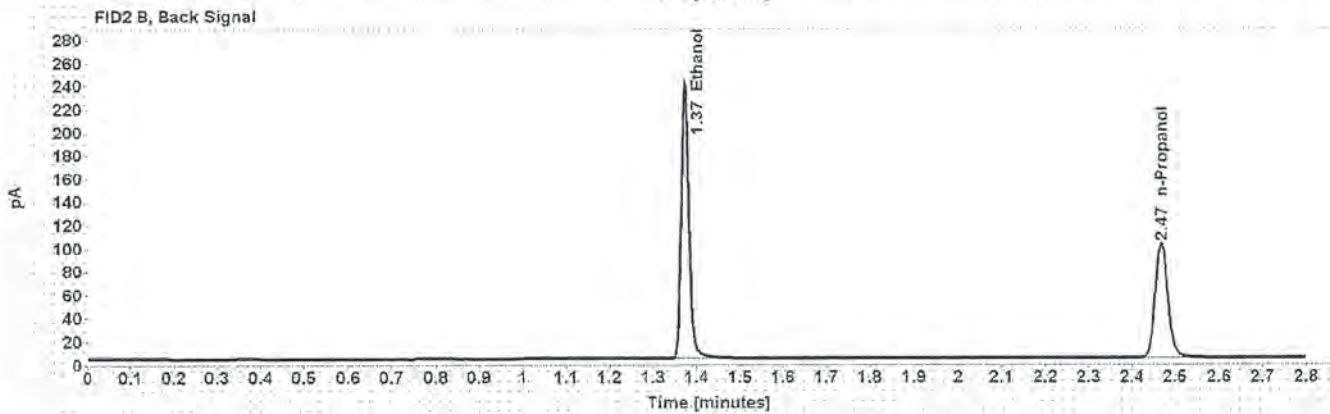
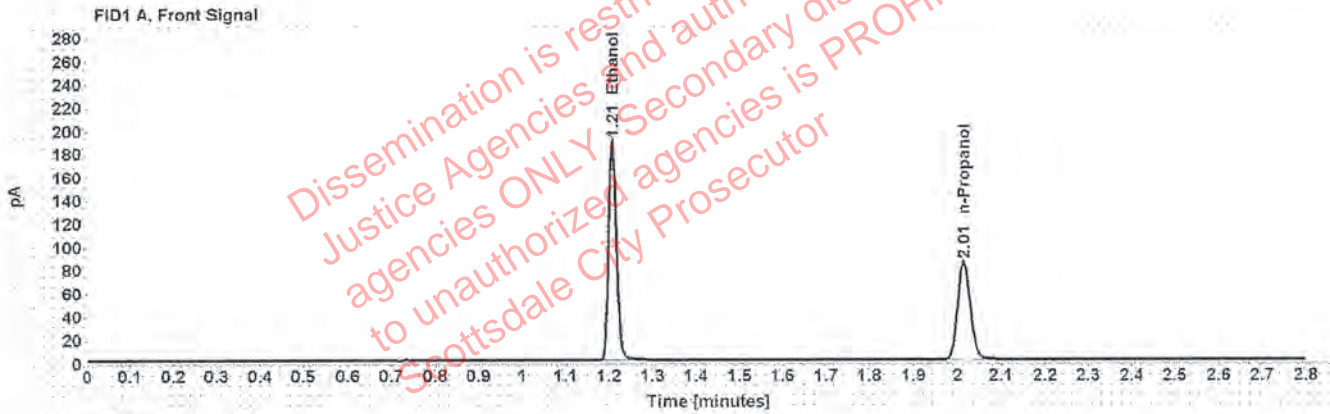


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	242.316
n-Propanol	2.014	169.569

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

Compound	Time (min)	Peak Area
Ethanol	1.374	298.521
n-Propanol	2.468	203.247

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061219	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 3:45:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\5.D	Analyst:	Kosecki <i>AK</i>

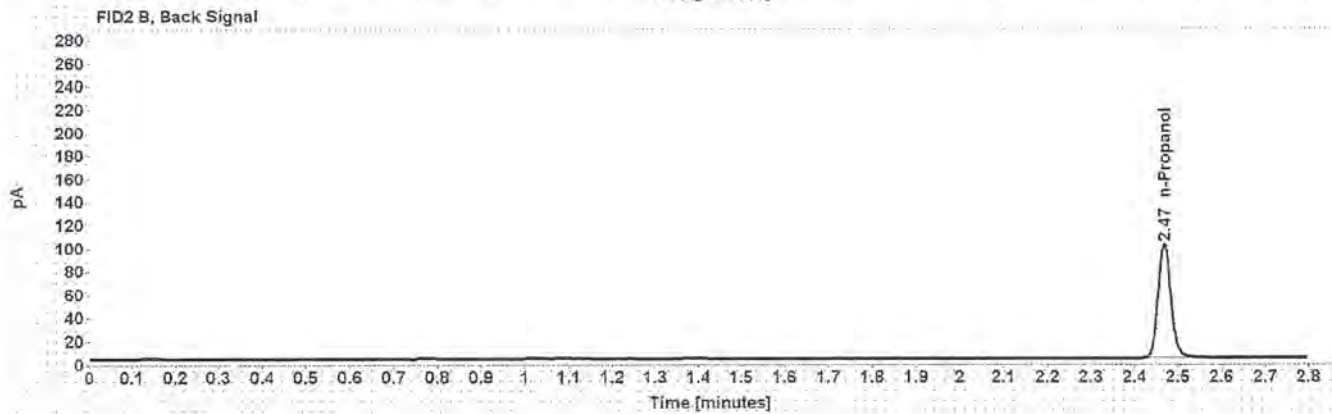
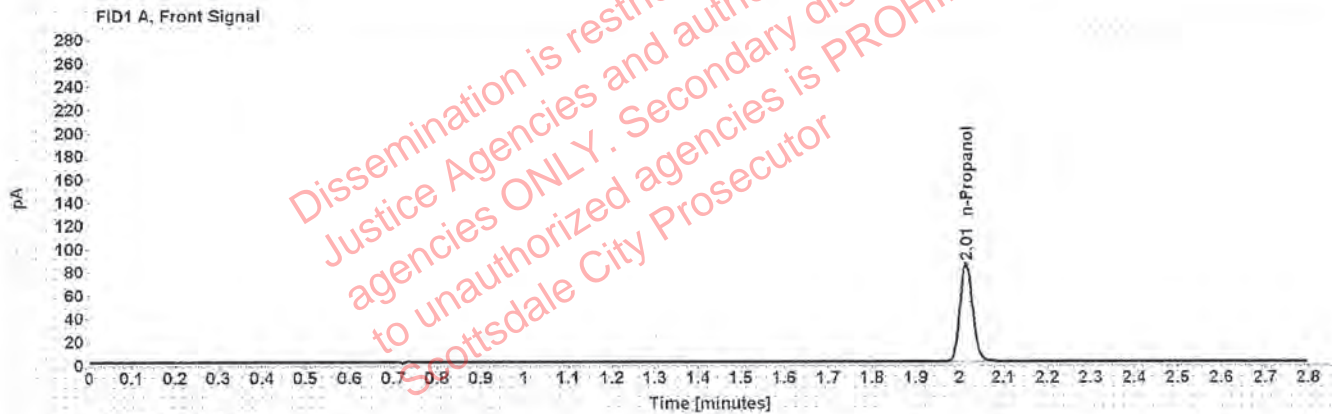


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	169.483

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	202.402

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 3:49:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\6.D	Analyst:	Kosecki <i>K</i>

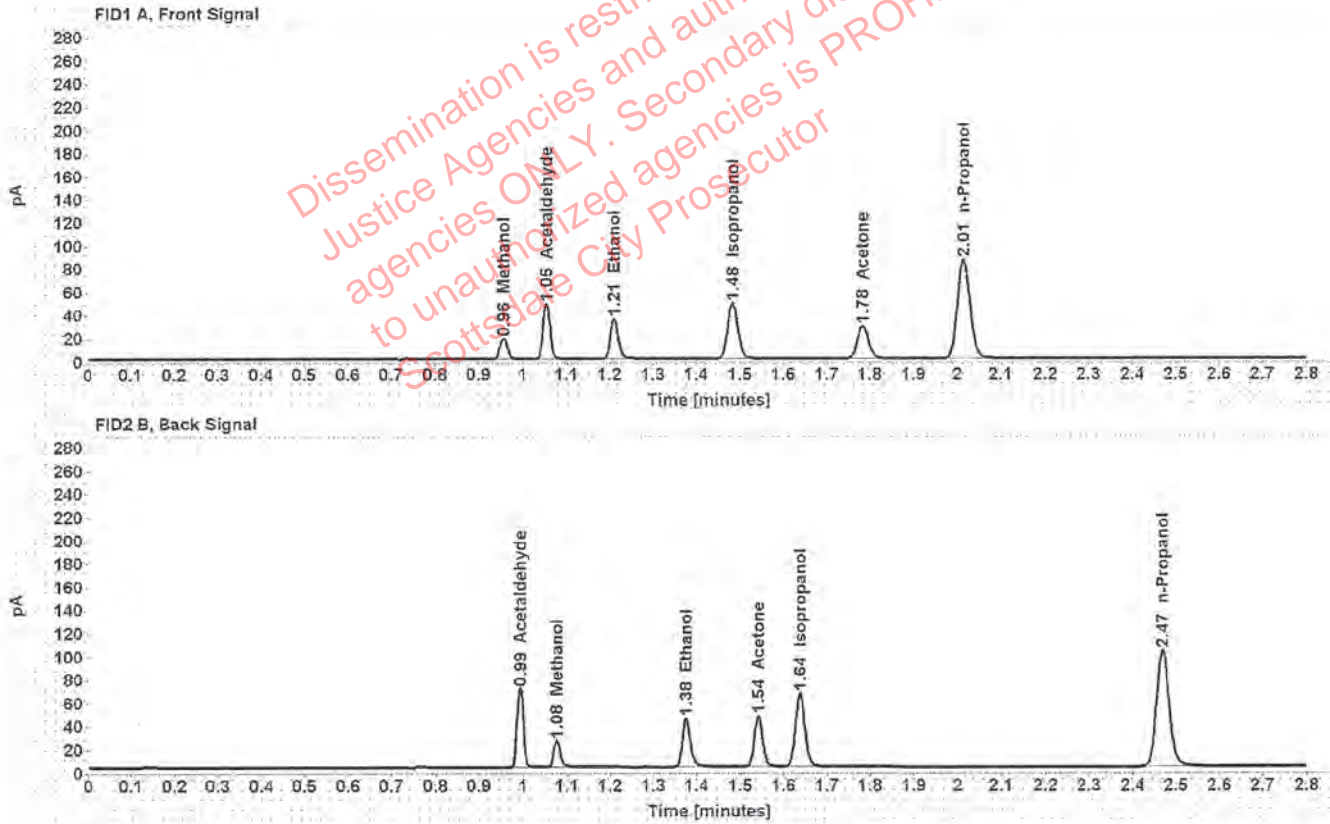


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.952
Acetaldehyde	-----	1.054	52.453
>Ethanol	0.0736	1.210	44.694
Isopropanol	-----	1.483	77.796
Acetone	-----	1.783	49.120
n-Propanol	-----	2.015	171.708

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	67.748
Methanol	1.077	25.428
Ethanol	1.376	54.384
Acetone	1.541	59.174
Isopropanol	1.637	97.389
n-Propanol	2.469	206.112

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 3:53:56 PM
Data file: C:\Chem32\1\Data\05Aug19\7.D	Analyst: Kosecki <i>K</i>

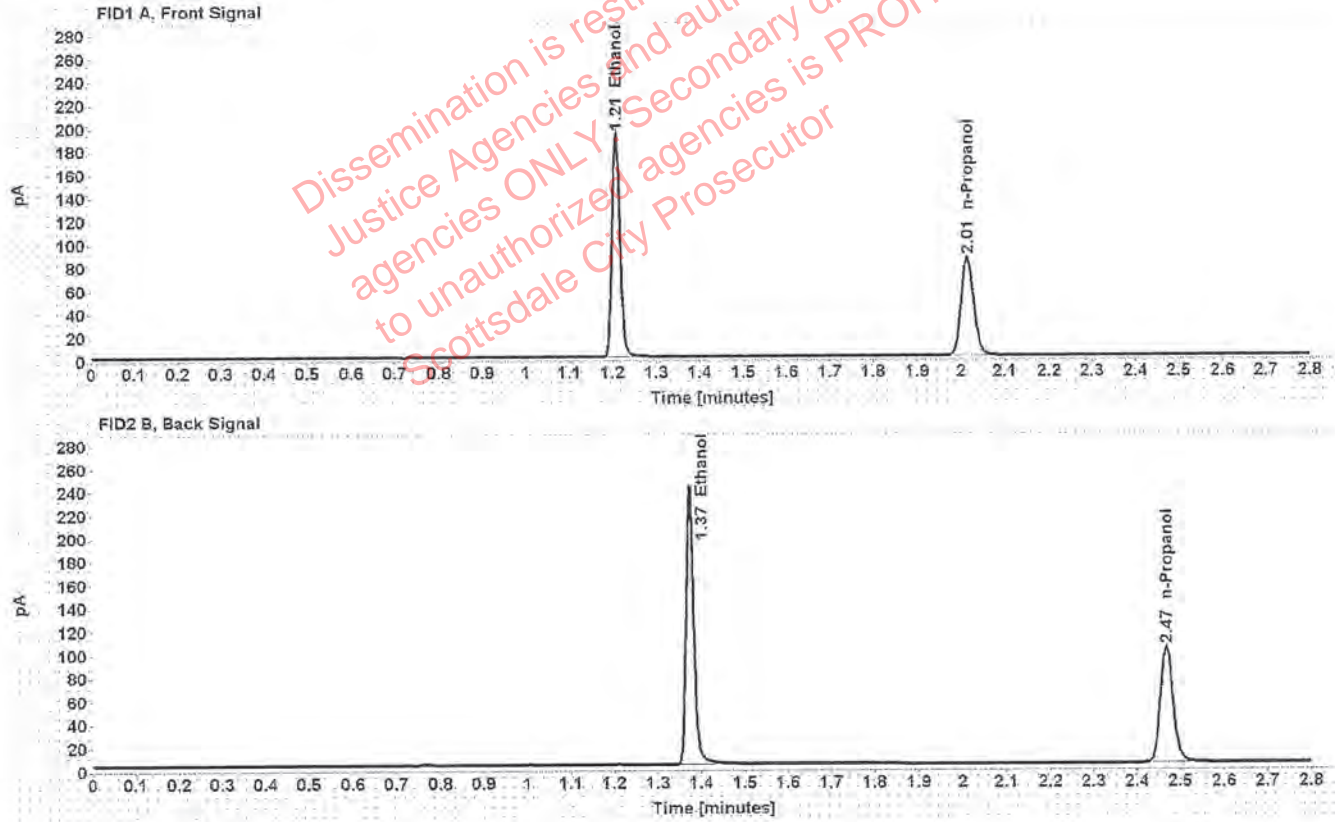


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4033	1.208	246.383
n-Propanol	-----	2.014	170.974

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

Compound	Time (min)	Peak Area
Ethanol	1.374	303.627
n-Propanol	2.468	205.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 3:57:55 PM
Data file: C:\Chem32\1\Data\05Aug19\8.D	Analyst: Kosecki

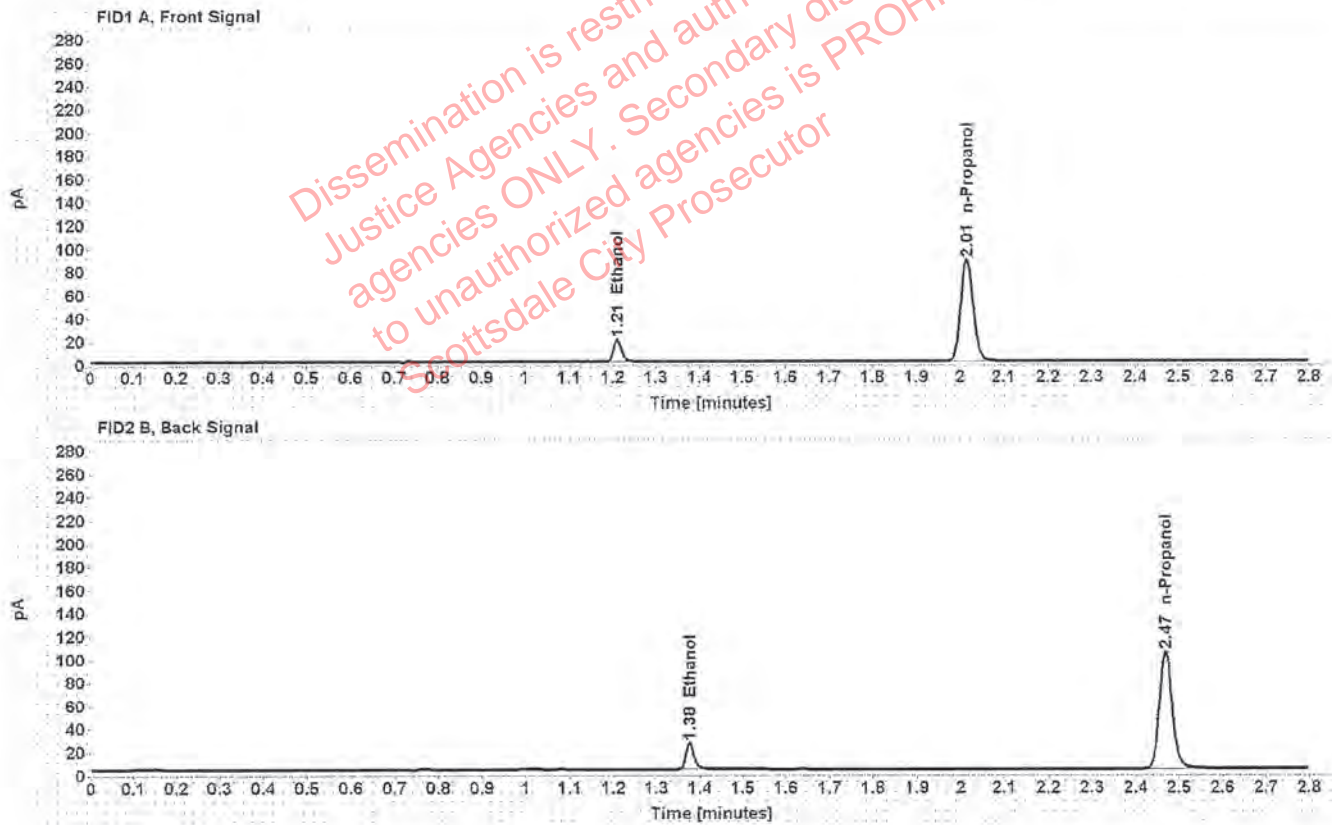


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.211	24.524
n-Propanol	-----	2.015	175.277

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.660
n-Propanol	2.469	209.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/T3	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 4:01:57 PM
Data file: C:\Chem32\1\Data\05Aug19\9.D	Analyst: Kosecki <i>AK</i>

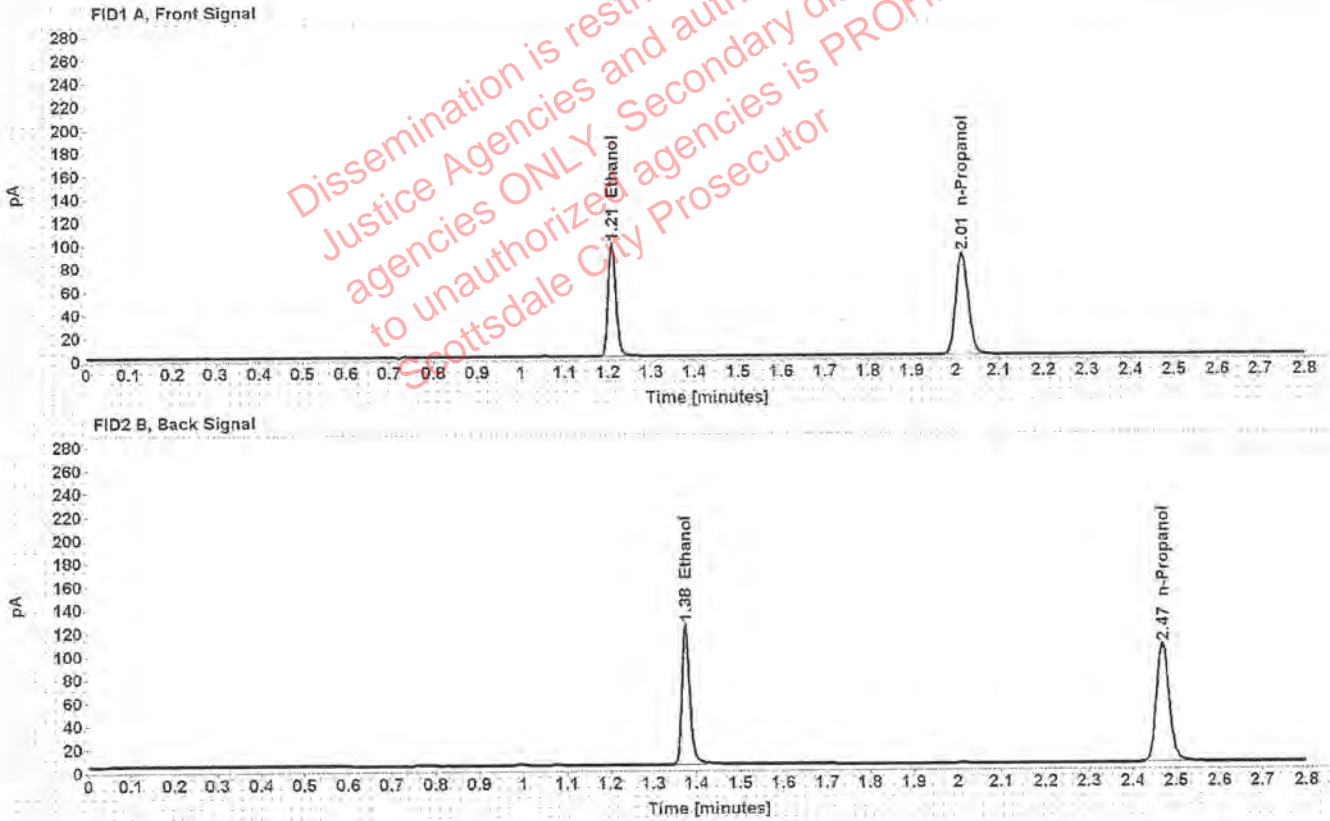


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.209	125.423
n-Propanol	-----	2.015	175.874

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

Compound	Time (min)	Peak Area
Ethanol	1.375	153.979
n-Propanol	2.469	210.777

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:46:26 PM
Data file:	C:\Chem32\11\Data\05Aug19\20.D	Analyst:	Kosecki <i>K</i>

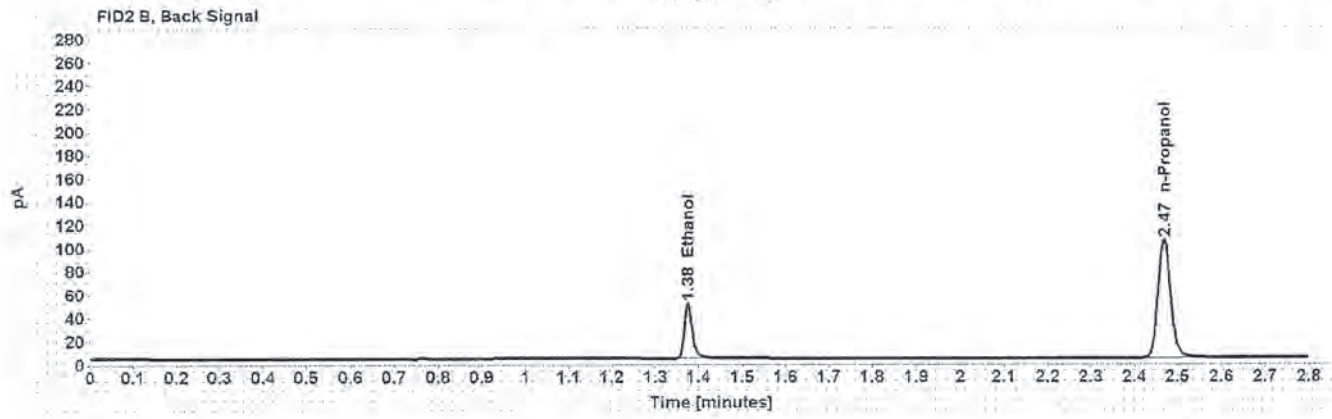
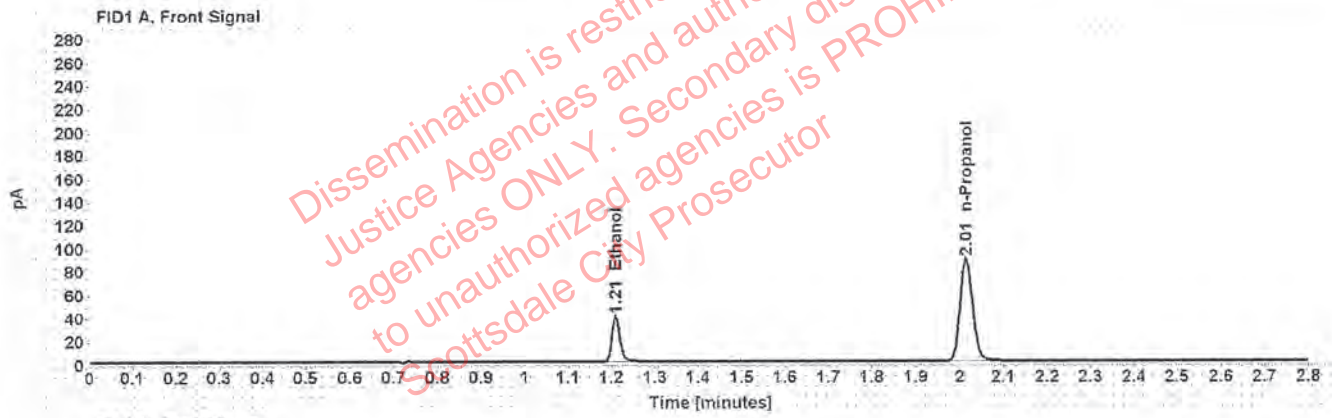


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.210	50.288
n-Propanol	-----	2.015	176.285

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

Compound	Time (min)	Peak Area
Ethanol	1.376	61.228
n-Propanol	2.469	210.814

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	09022015-C	Vial:	31
Description:	0.150	LIMS ID:	
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:30:56 PM
Data file:	C:\Chem32\11\Data\05Aug19\31.D	Analyst:	Kosecki AK

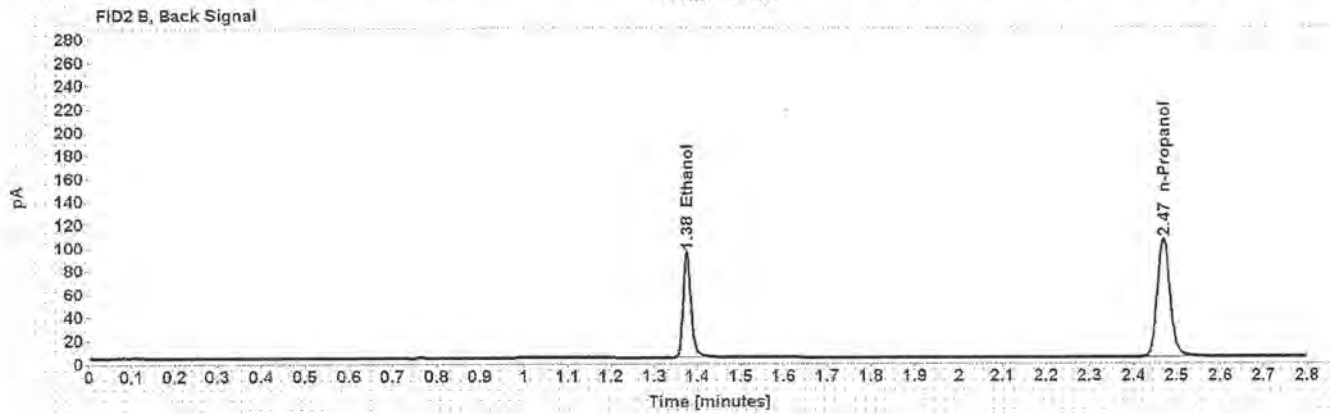
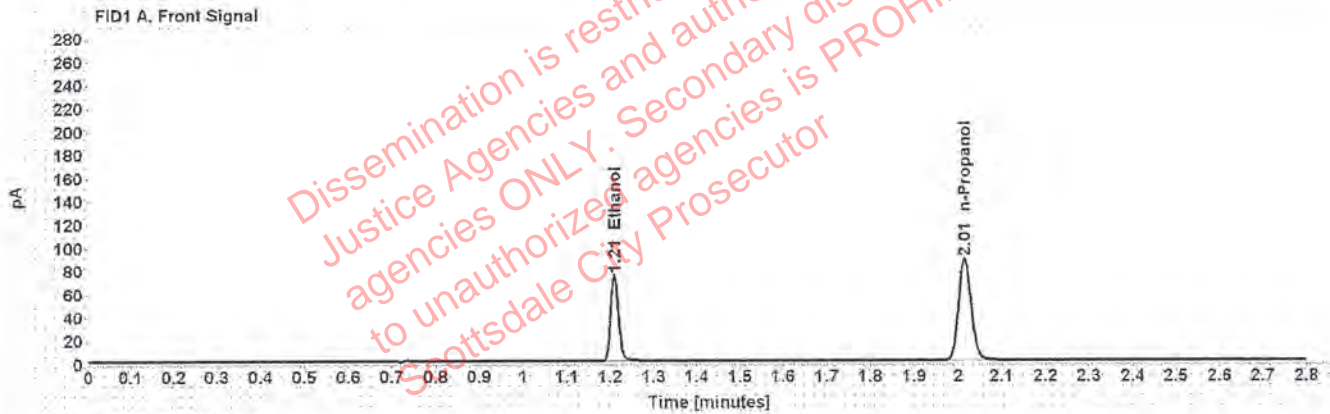


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1525	1.209	95.656
n-Propanol	-----	2.015	176.237

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

Compound	Time (min)	Peak Area
Ethanol	1.375	116.804
n-Propanol	2.469	211.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 42
Description: 0.198	LIMS ID:
Method: ethanol quant M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 6:15:11 PM
Data file: C:\Chem32\1\Data\05Aug19\42.D	Analyst: Kosecki AK

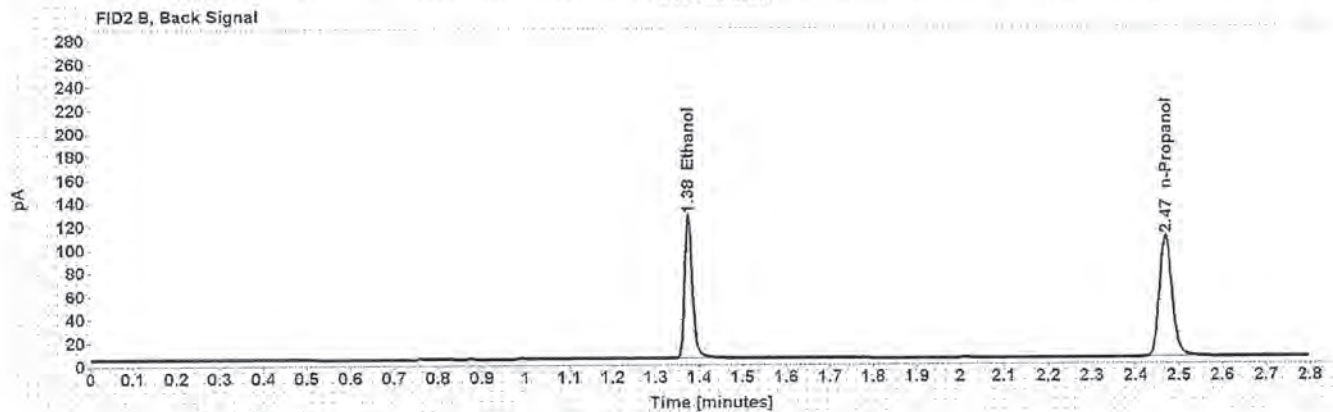
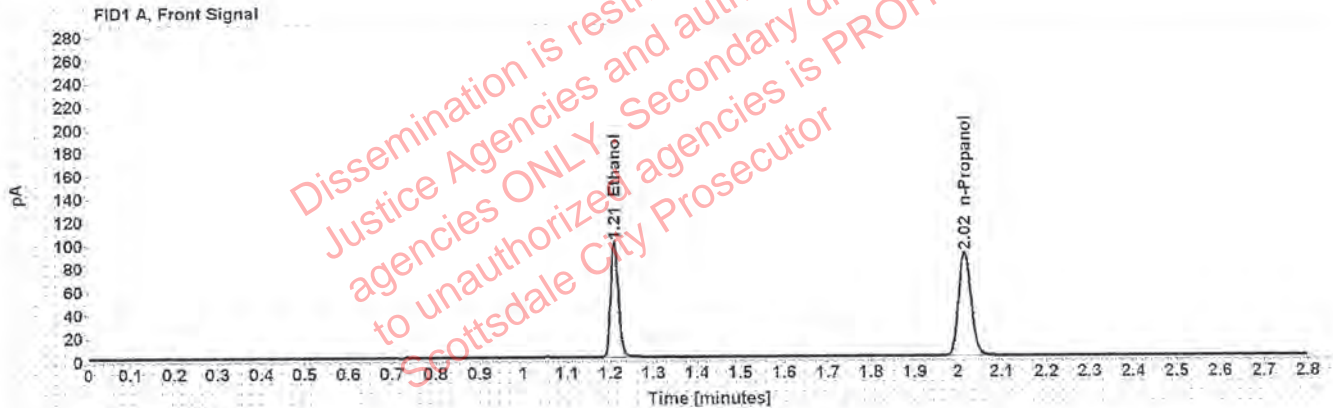


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.209	127.414
n-Propanol	-----	2.015	178.174

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

Compound	Time (min)	Peak Area
Ethanol	1.375	156.564
n-Propanol	2.470	214.562

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 6:59:42 PM
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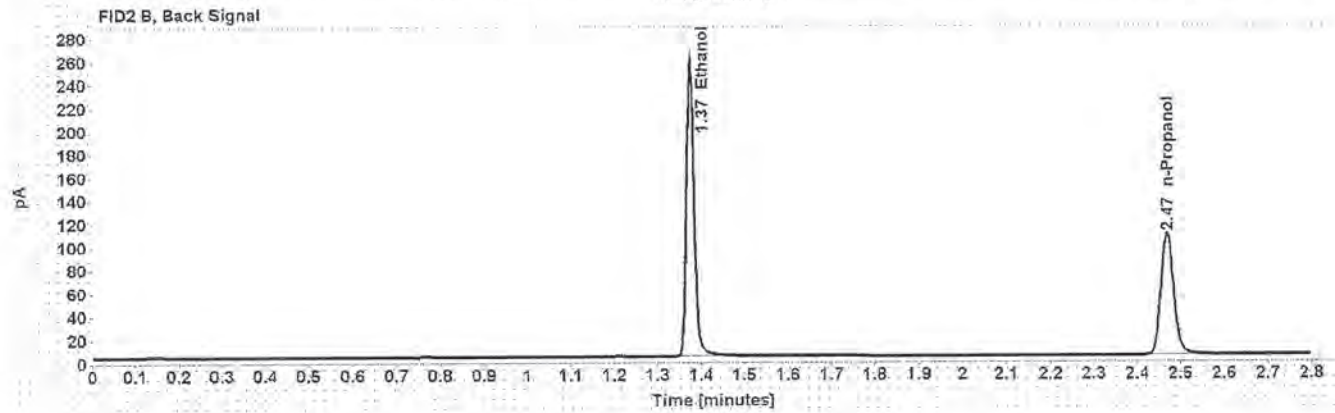
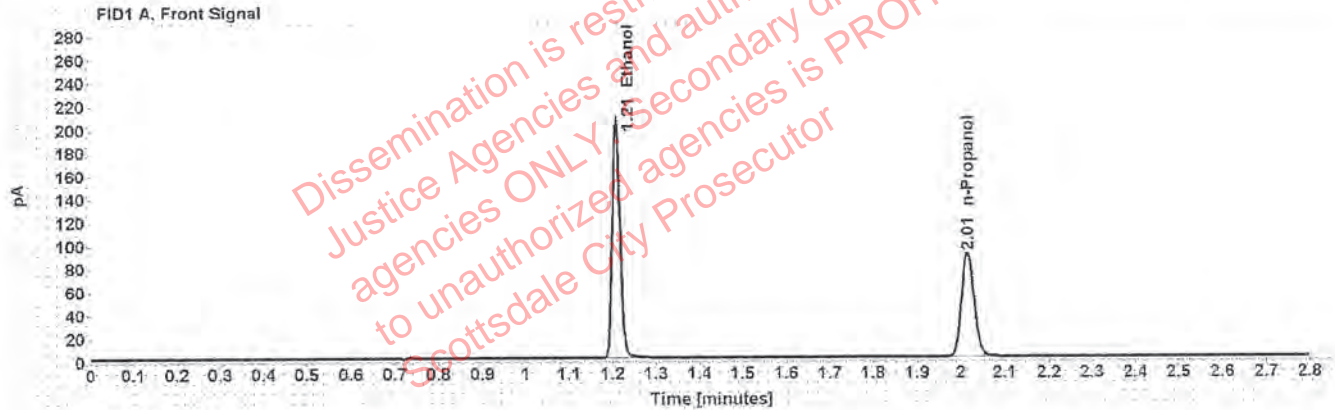


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4081	1.208	261.547
n-Propanol	-----	2.015	179.356

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

Compound	Time (min)	Peak Area
Ethanol	1.375	323.499
n-Propanol	2.469	216.179

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	09022015-A	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 7:03:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\54.D	Analyst:	Kosecki <i>R</i>

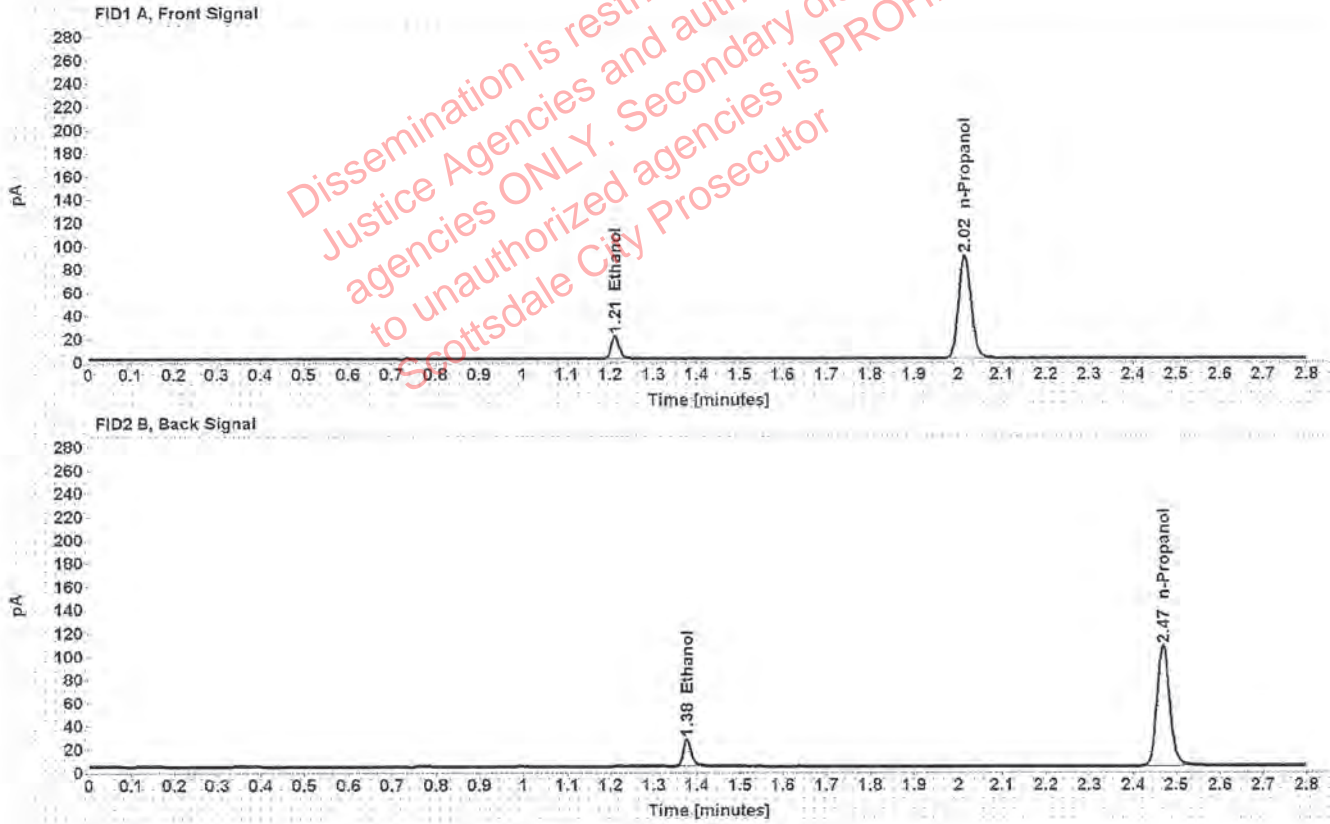


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.211	25.175
n-Propanol	-----	2.015	178.139

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

Compound	Time (min)	Peak Area
Ethanol	1.377	30.672
n-Propanol	2.470	213.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 55
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 7:07:56 PM
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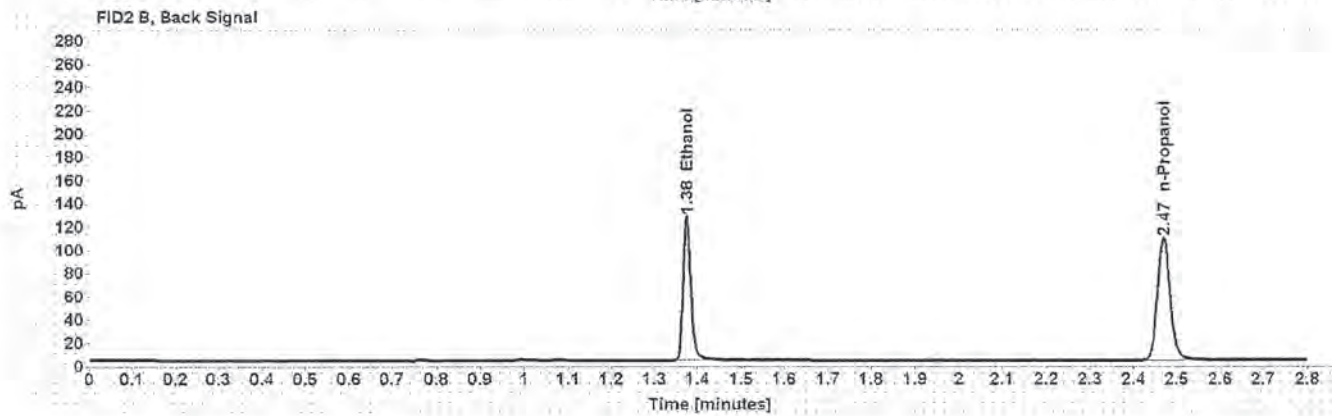
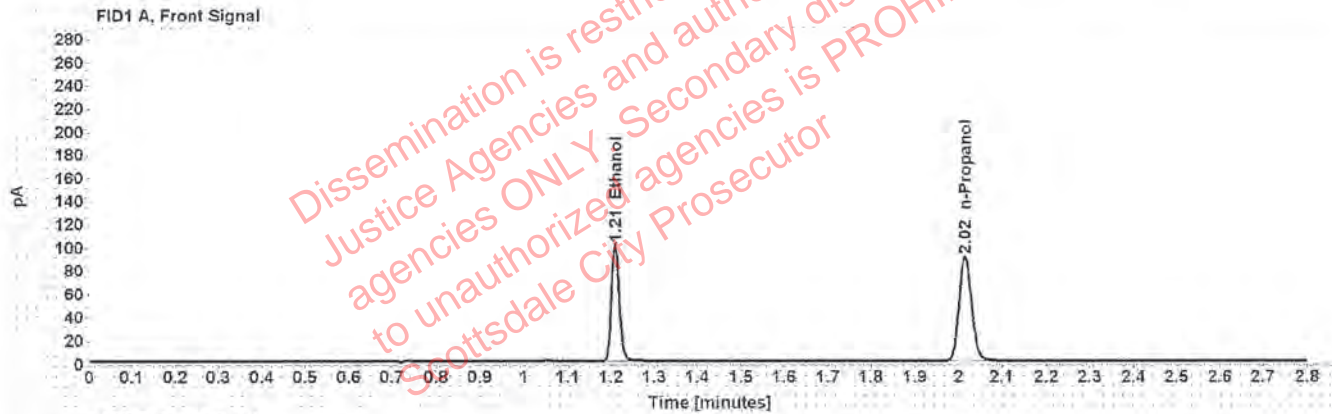


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2007	1.209	129.142
n-Propanol	-----	2.015	180.508

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

Compound	Time (min)	Peak Area
Ethanol	1.375	158.339
n-Propanol	2.470	217.183

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 7:11:56 PM
Data file: C:\Chem32\1\Data\05Aug19\56.D	Analyst: Kosecki AK

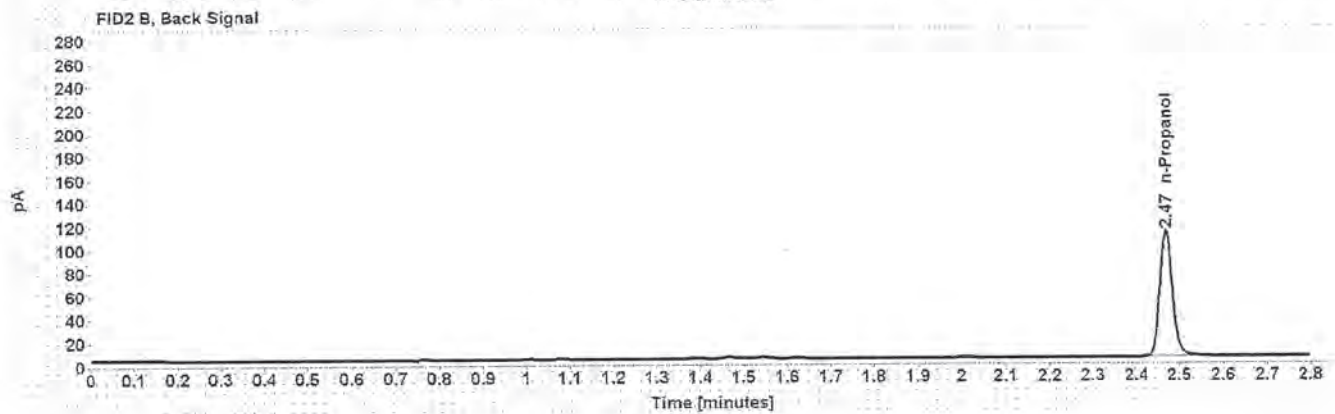
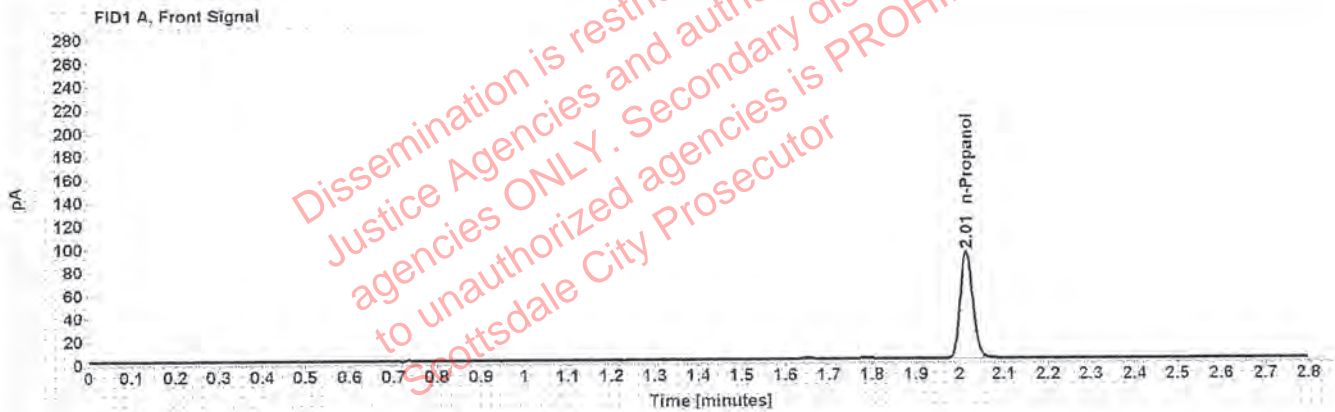


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	185.410

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	223.076

Sequence Summary

Sequence name: 05Aug19 Instrument: US14173023 CN14160045 Analyst: Kosecki *AK*

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	1078773		Sample		ethanol quant.M
11	1078773		Sample		ethanol quant.M
12	1259508		Sample		ethanol quant.M
13	1259508		Sample		ethanol quant.M
14	1259634		Sample		ethanol quant.M
15	1259634		Sample		ethanol quant.M
16	1268561		Sample		ethanol quant.M
17	1268561		Sample		ethanol quant.M
18	1274500		Sample		ethanol quant.M
19	1274500		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1283011		Sample		ethanol quant.M
22	1283011		Sample		ethanol quant.M
23	1280378		Sample		ethanol quant.M
24	1280378		Sample		ethanol quant.M
25	1280163		Sample		ethanol quant.M
26	1280163		Sample		ethanol quant.M
27	1280130		Sample		ethanol quant.M
28	1280130		Sample		ethanol quant.M
29	1279816		Sample		ethanol quant.M
30	1279816		Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32	1251359		Sample		ethanol quant.M
33	1251359		Sample		ethanol quant.M
34	1280820		Sample		ethanol quant.M
35	1280820		Sample		ethanol quant.M
36	1281003		Sample		ethanol quant.M
37	1281003		Sample		ethanol quant.M
38	1279802		Sample		ethanol quant.M
39	1279802		Sample		ethanol quant.M
40	1280159		Sample		ethanol quant.M
41	1280159		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1279719		Sample		ethanol quant.M
44	1279719		Sample		ethanol quant.M
45	1282993		Sample		ethanol quant.M
46	1282993		Sample		ethanol quant.M
47	1283009		Sample		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Second dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Sequence Summary

AK

48	1283009			Sample		ethanol quant.M
49	1283119			Sample		ethanol quant.M
50	1283119			Sample		ethanol quant.M
51	1283608			Sample		ethanol quant.M
52	1283608			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: 05Aug19

ANALYST: Kosecki *AK*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1431	0.1422	0.14265	0.32	0.00045
12 13	0.1834	0.1830	0.18320	0.11	0.00020
14 15	0.1808	0.1807	0.18075	0.03	0.00005
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.2326	0.2326	0.23260	0.00	0.00000
21 22	0.0366	0.0361	0.03635	0.69	0.00025
23 24	0.2721	0.2747	0.27340	0.48	0.00130
25 26	0.1842	0.1843	0.18425	0.03	0.00005
27 28	0.1078	0.1072	0.10750	0.28	0.00030
29 30	0.1716	0.1710	0.17130	0.18	0.00030
32 33	0.1269	0.1275	0.12720	0.24	0.00030
34 35	0.1879	0.1895	0.18870	0.42	0.00080
36 37	0.2767	0.2760	0.27635	0.13	0.00035
38 39	0.1722	0.1723	0.17225	0.03	0.00005
40 41	0.1804	0.1828	0.18160	0.66	0.00120
43 44	0.2382	0.2420	0.24010	0.79	0.00190
45 46	0.1747	0.1731	0.17390	0.46	0.00080
47 48	0.2116	0.2149	0.21325	0.77	0.00165
49 50	0.0521	0.0529	0.05250	0.76	0.00040
51 52	0.0525	0.0523	0.05240	0.19	0.00010

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

Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

AK

ANALYST: Kosecki

SEQUENCE: 05Aug19

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1078773	1078773	1078773	Yes
Vials 12 and 13	1259508	1259508	1259508	Yes
Vials 14 and 15	1259634	1259634	1259634	Yes
Vials 16 and 17	1268561	1268561	1268561	Yes
Vials 18 and 19	1274500	1274500	1274500	Yes
Vials 21 and 22	1283011	1283011	1283011	Yes
Vials 23 and 24	1280378	1280378	1280378	Yes
Vials 25 and 26	1280163	1280163	1280163	Yes
Vials 27 and 28	1280130	1280130	1280130	Yes
Vials 29 and 30	1279816	1279816	1279816	Yes
Vials 32 and 33	1251359	1251359	1251359	Yes
Vials 34 and 35	1280820	1280820	1280820	Yes
Vials 36 and 37	1281003	1281003	1281003	Yes
Vials 38 and 39	1279802	1279802	1279802	Yes
Vials 40 and 41	1280159	1280159	1280159	Yes
Vials 43 and 44	1279719	1279719	1279719	Yes
Vials 45 and 46	1282993	1282993	1282993	Yes
Vials 47 and 48	1283009	1283009	1283009	Yes
Vials 49 and 50	1283119	1283119	1283119	Yes
Vials 51 and 52	1283608	1283608	1283608	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1078773	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:05:57 PM
Data file:	C:\Chem32\1\Data\05Aug19\10.D	Analyst:	Kosecki

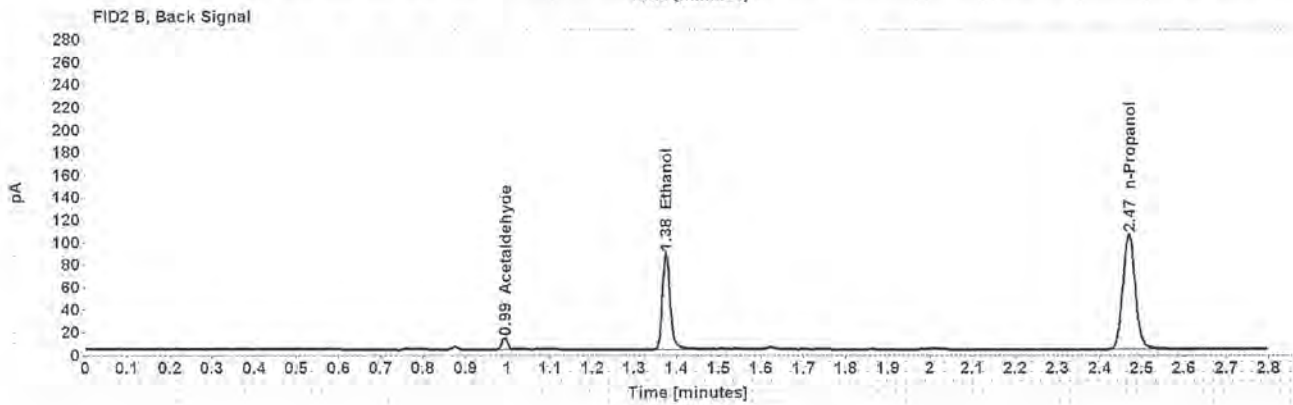
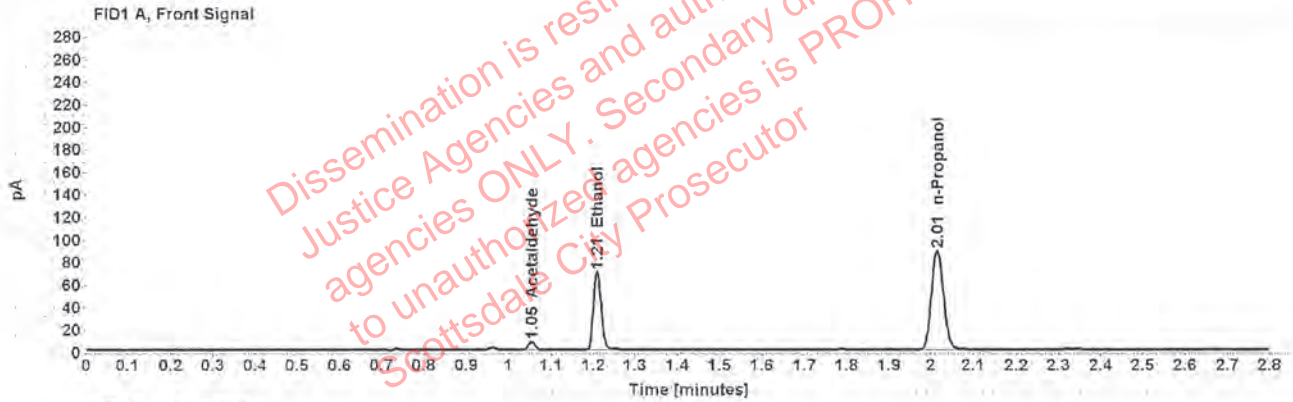


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	7.532
>Ethanol	0.1431	1.209	89.550
n-Propanol	-----	2.015	175.870

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	9.758
Ethanol	1,375	110.878
n-Propanol	2.469	211.435

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1078773	Vial: 11
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 4:09:56 PM
Data file: C:\Chem32\1\Data\05Aug19\11.D	Analyst: Kosecki

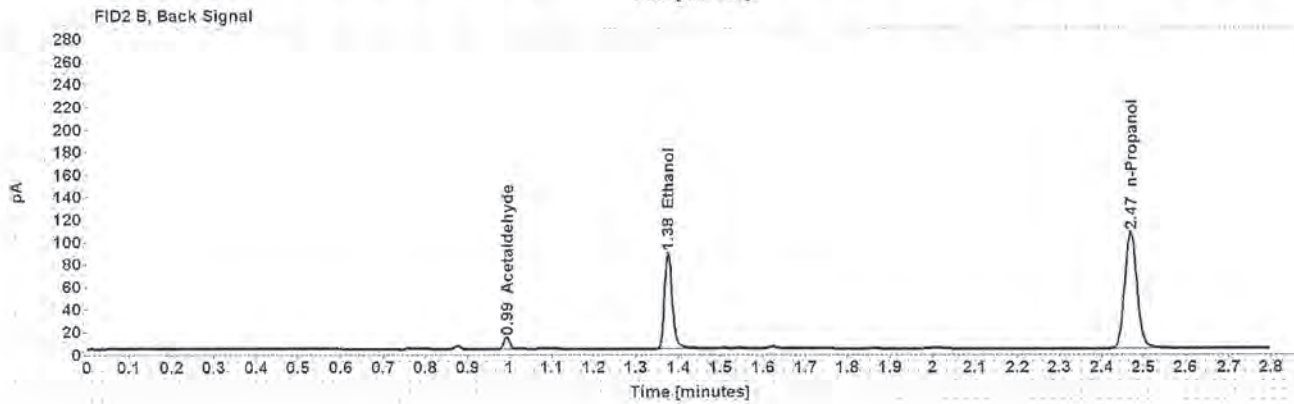
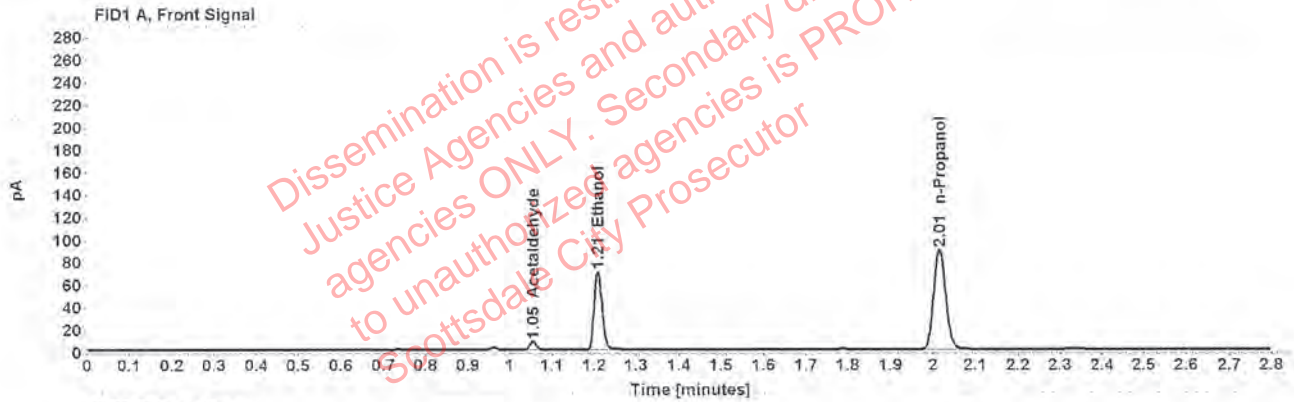


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1,055	7.650
>Ethanol	0,1422	1,209	89.768
n-Propanol	-----	2,015	177.389

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	9.936
Ethanol	1.375	109.567
n-Propanol	2.469	213.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259508	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:13:55 PM
Data file:	C:\Chem32\1\Data\05Aug19\12.D	Analyst:	Kosecki

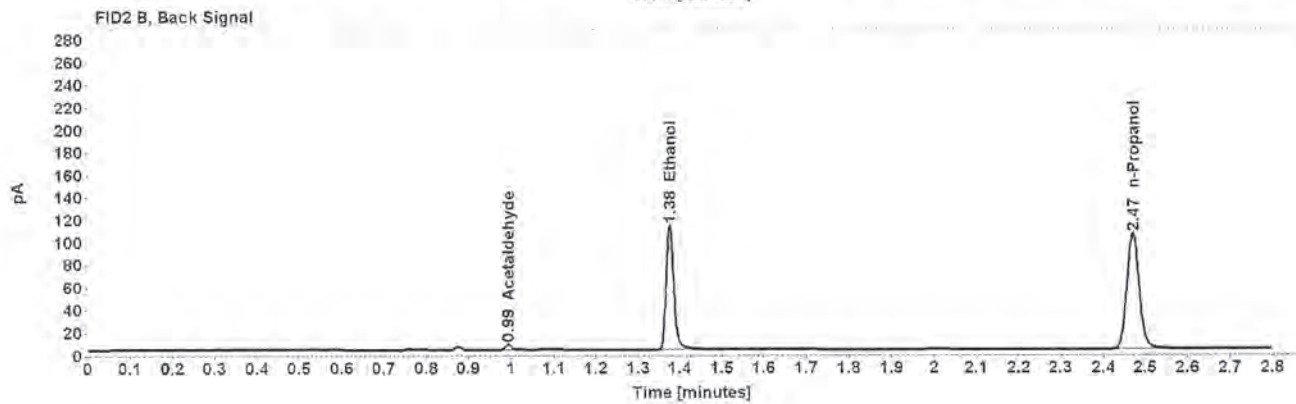
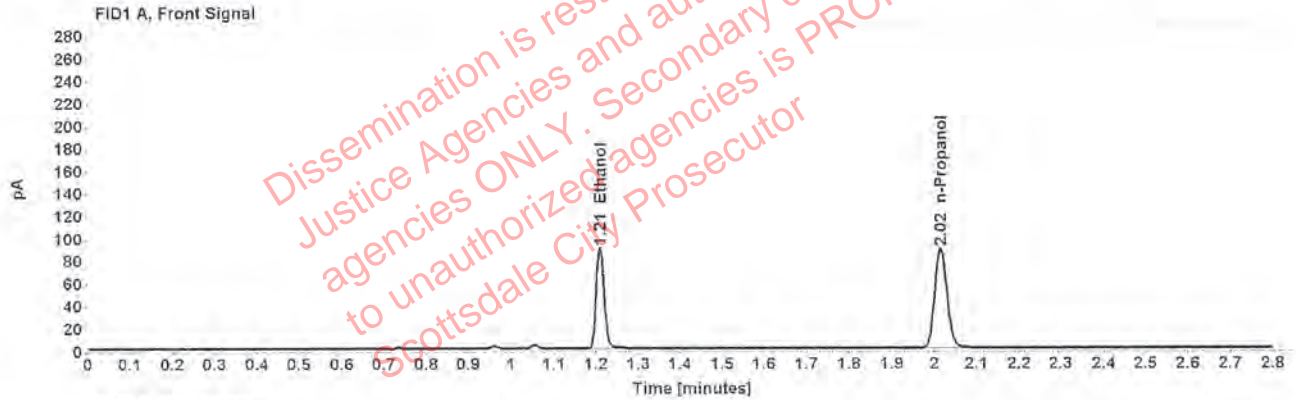


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1834	1.209	115.233
n-Propanol	-----	2.015	176.348

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.404
Ethanol	1.376	141.060
n-Propanol	2.470	211.576

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259508	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:18:11 PM
Data file:	C:\Chem32\1\Data\05Aug19\13.D	Analyst:	Kosecki

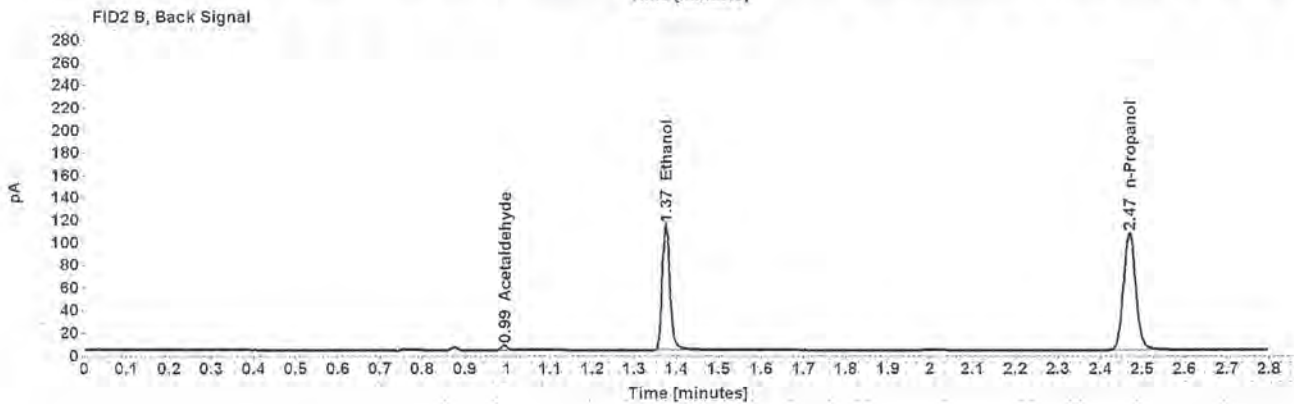
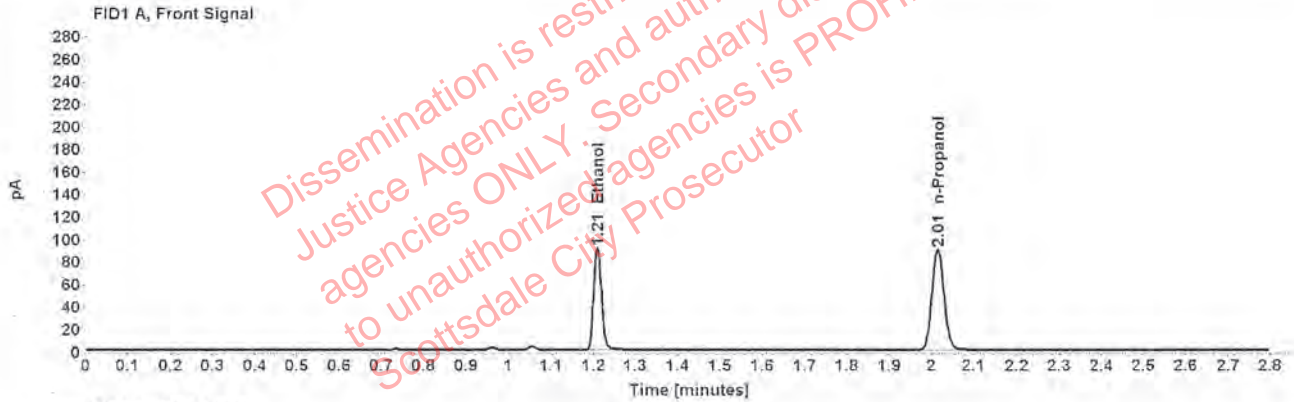


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1830	1.209	116.517
n-Propanol	---	2.015	178.668

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.272
Ethanol	1.375	142.216
n-Propanol	2.469	214.259

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259634	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:22:12 PM
Data file:	C:\Chem32\1\Data\05Aug19\14.D	Analyst:	Kosecki

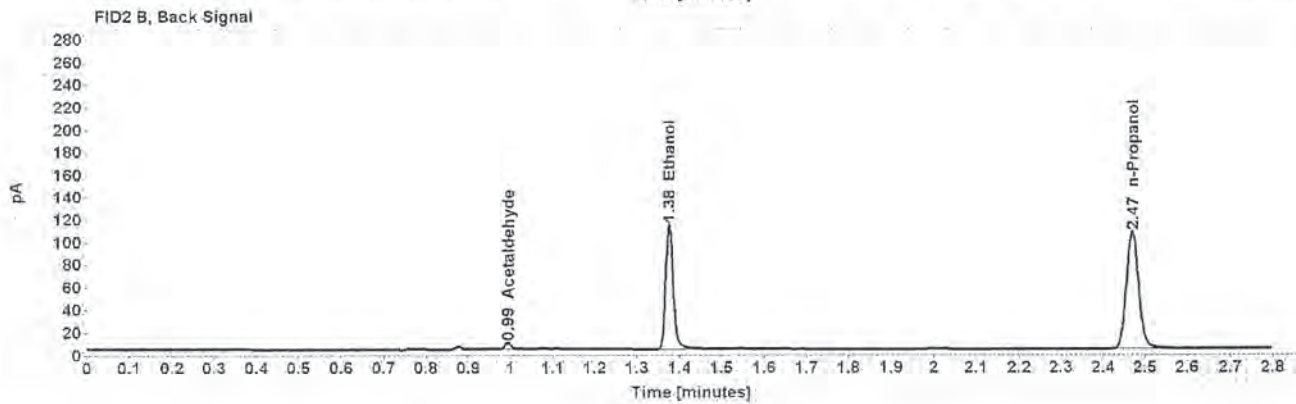
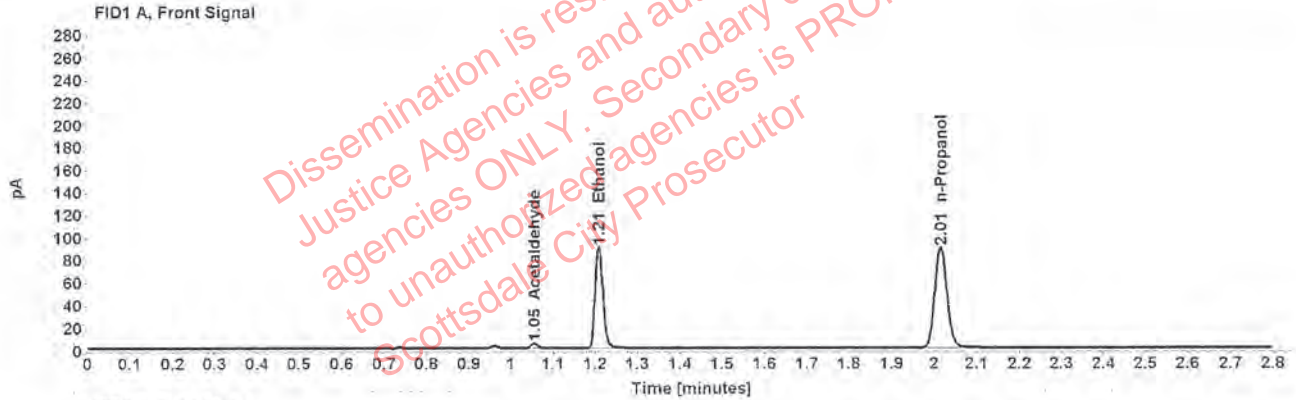


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.183
>Ethanol	0.1808	1.209	114.879
n-Propanol	-----	2.015	178.315

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.516
Ethanol	1.375	140.824
n-Propanol	2.469	212.856

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1259634	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:26:10 PM
Data file:	C:\Chem32\1\Data\05Aug19\15.D	Analyst:	Kosecki

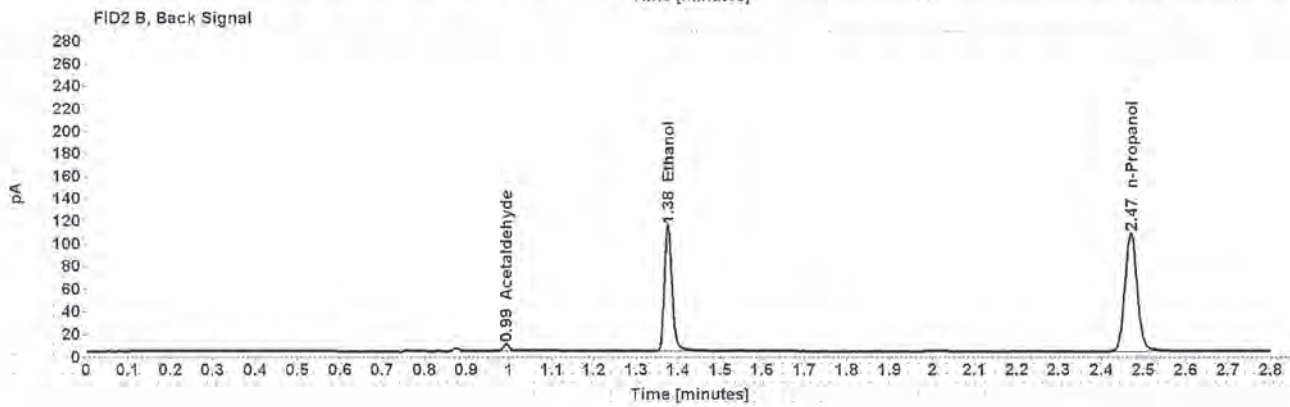
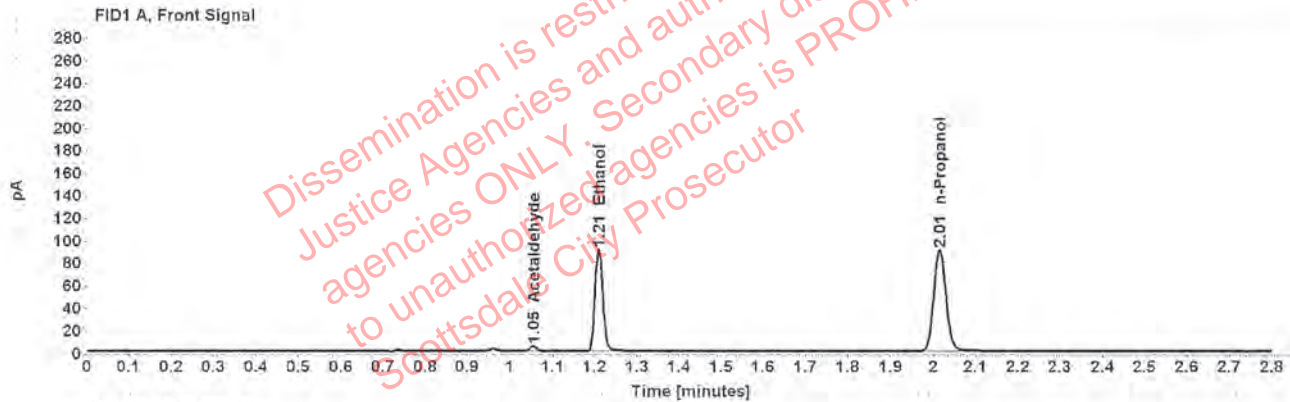


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.323
>Ethanol	0.1807	1.209	115.927
n-Propanol	-----	2.015	180.010

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.710
Ethanol	1.375	142.216
n-Propanol	2.469	215.373

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1268561	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:30:12 PM
Data file:	C:\Chem32\1\Data\05Aug19\16.D	Analyst:	Kosecki

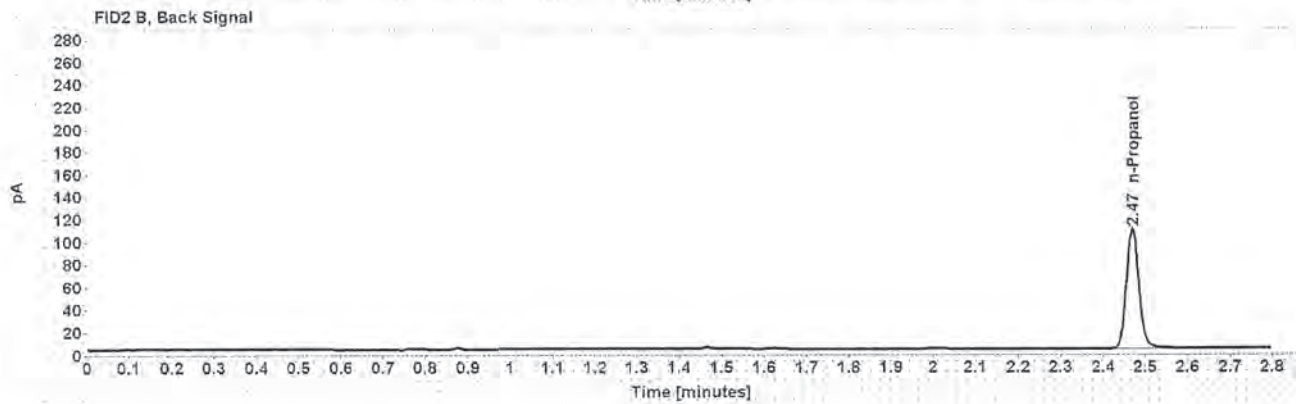


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	183.267

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	220.080

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1268561	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:34:11 PM
Data file:	C:\Chem32\1\Data\05Aug19\17.D	Analyst:	Kosecki

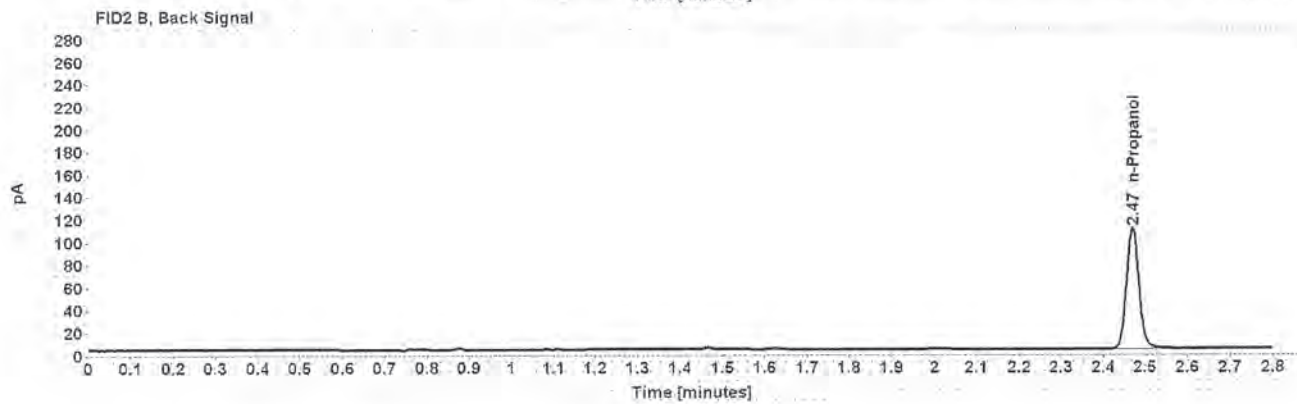


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	184.372

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	221.704

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1274500	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:38:11 PM
Data file:	C:\Chem32\1\Data\05Aug19\18.D	Analyst:	Kosecki

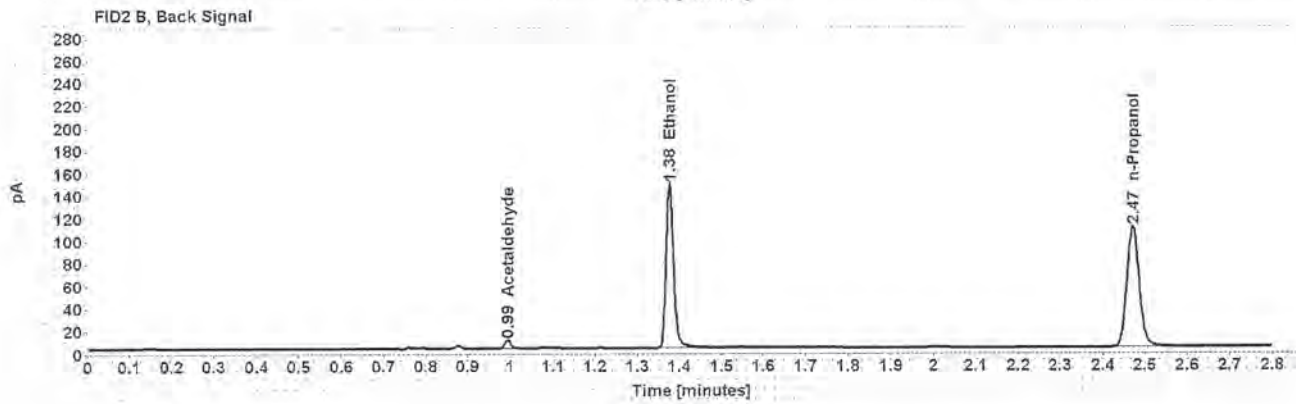
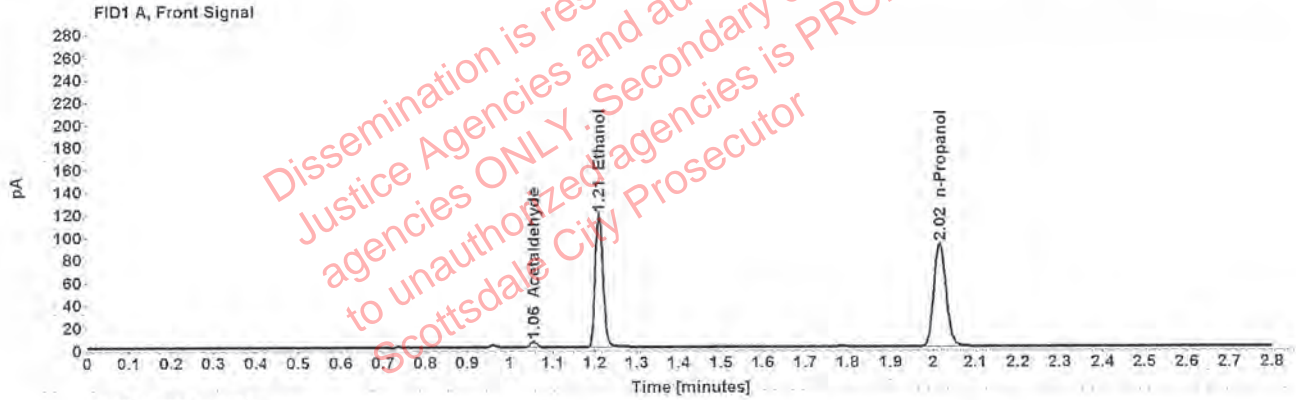


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.264
>Ethanol	0.2326	1.210	151.428
n-Propanol	-----	2.016	182.521

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.824
Ethanol	1.377	185.730
n-Propanol	2.471	218.456

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1274500	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:42:26 PM
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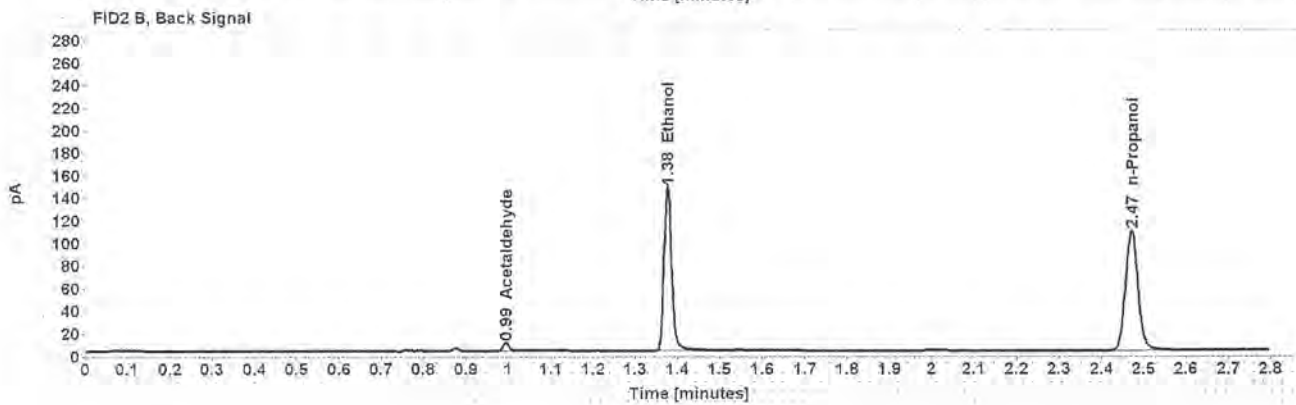
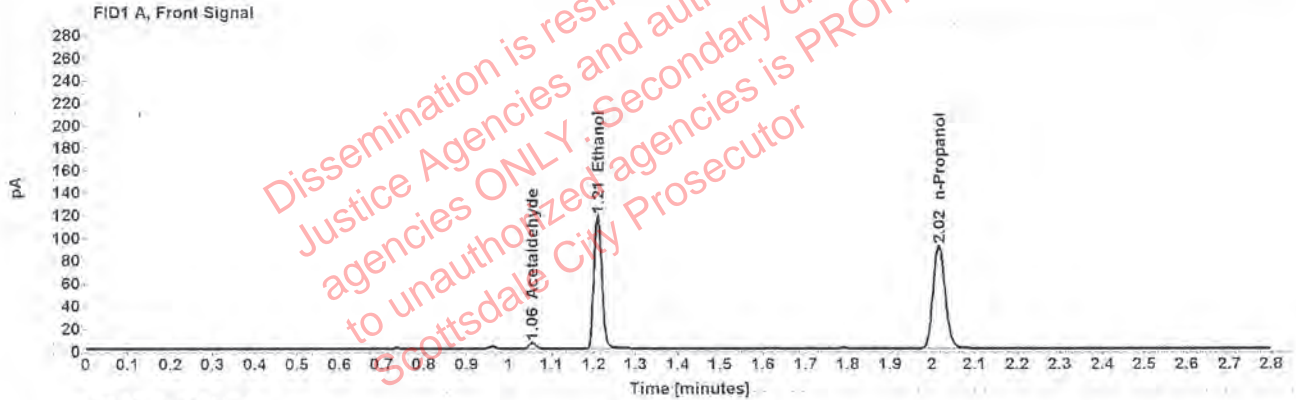


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.319
>Ethanol	0.2326	1.210	151.140
n-Propanol	-----	2.016	182.189

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.895
Ethanol	1.377	185.005
n-Propanol	2.471	217.936

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283011	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:50:27 PM
Data file:	C:\Chem32\1\Data\05Aug19\21.D	Analyst:	Kosecki

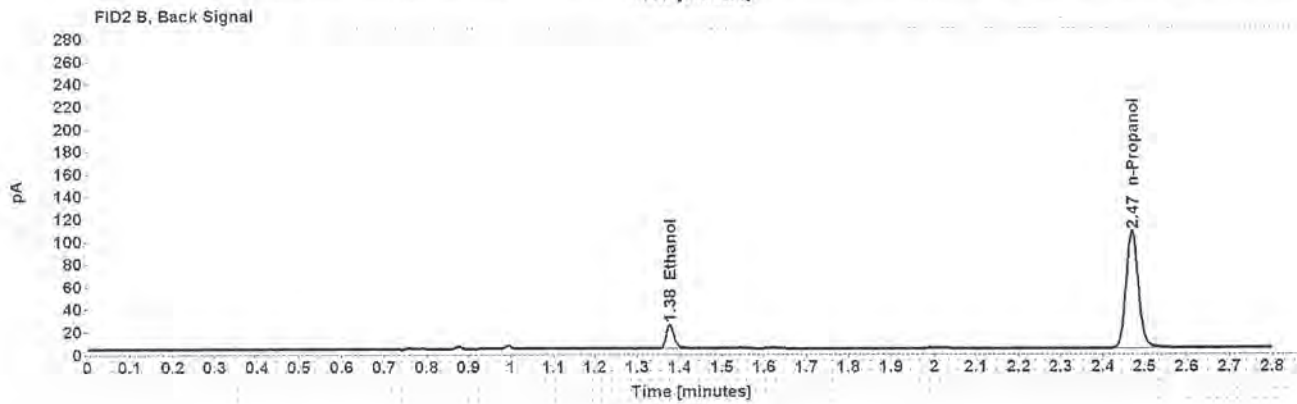


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0366	1.211	22.797
n-Propanol	-----	2.015	178.172

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

Compound	Time (min)	Peak Area
Ethanol	1.377	28.457
n-Propanol	2.469	213.564

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283011	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:54:27 PM
Data file:	C:\Chem321\Data\05Aug19\22.D	Analyst:	Kosecki

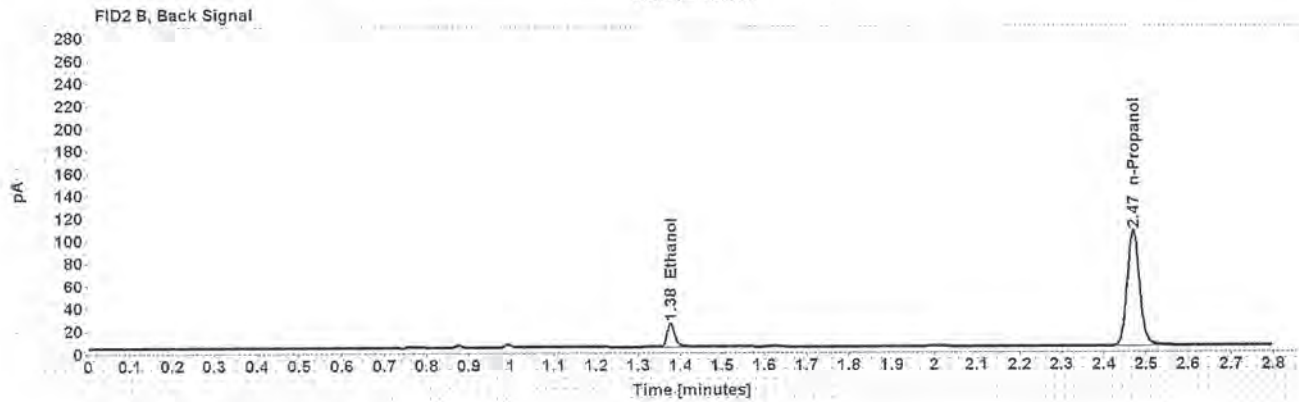


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0361	1.211	22.148
n-Propanol	-----	2.015	175.589

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

Compound	Time (min)	Peak Area
Ethanol	1.376	27.746
n-Propanol	2.469	210.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280378	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 4:58:26 PM
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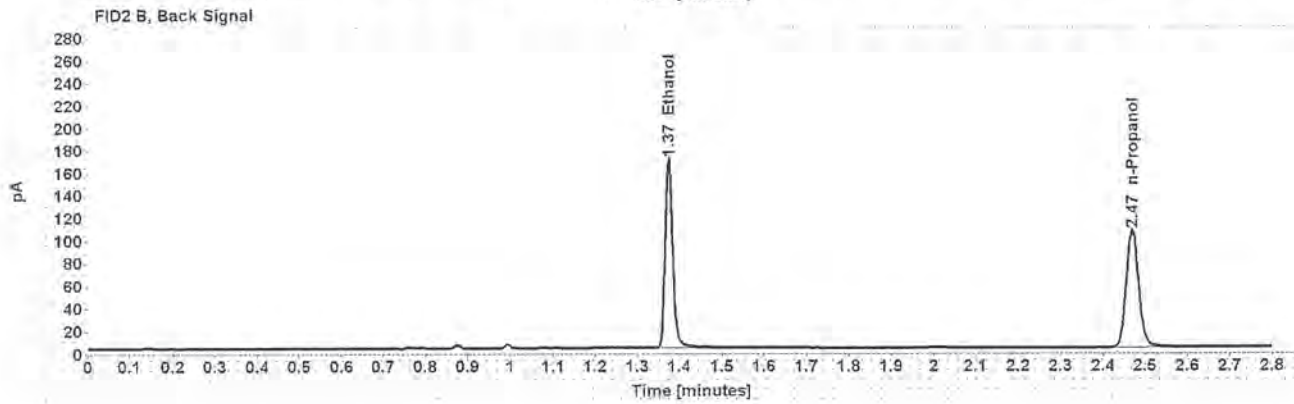
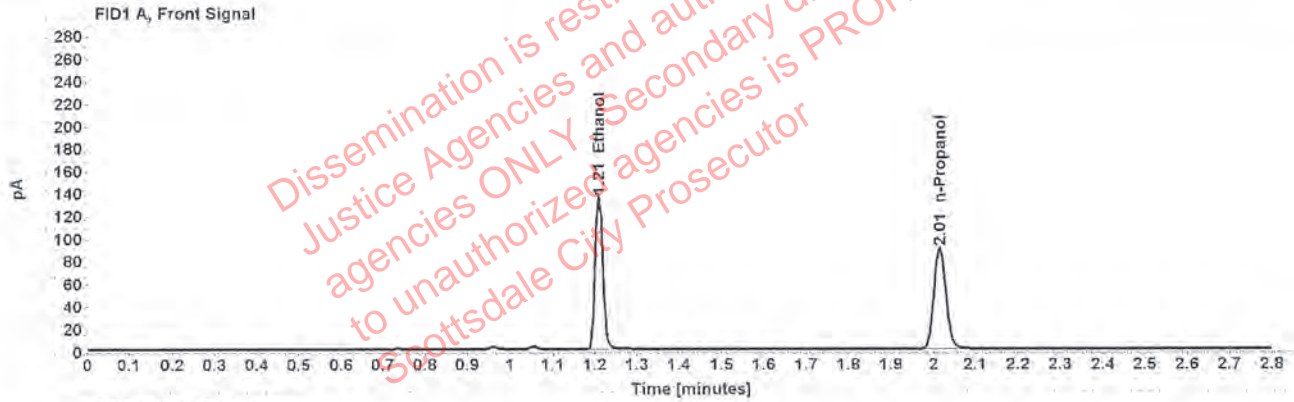


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2721	1.209	173.003
n-Propanol	-----	2.015	178.120

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

Compound	Time (min)	Peak Area
Ethanol	1.375	212.077
n-Propanol	2.469	213.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280378	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:02:26 PM
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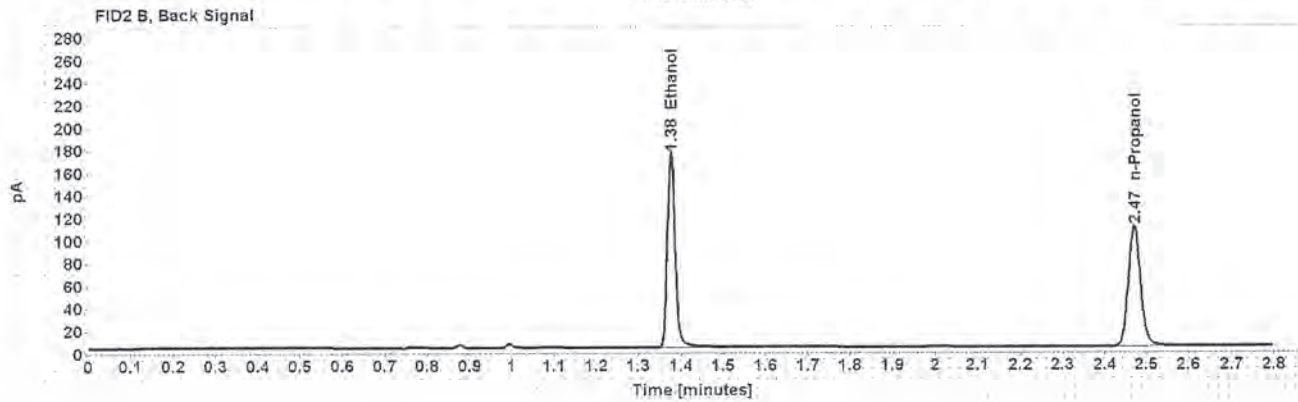
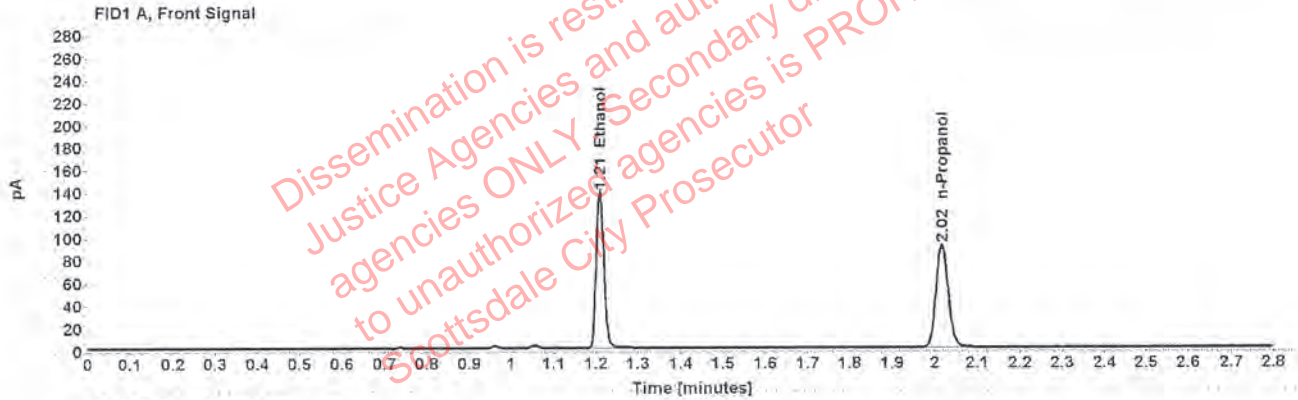


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2747	1.210	178.331
n-Propanol	-----	2.016	181.912

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

Compound	Time (min)	Peak Area
Ethanol	1.377	220.313
n-Propanol	2.471	218.166

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280163	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:06:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\25.D	Analyst:	Kosecki

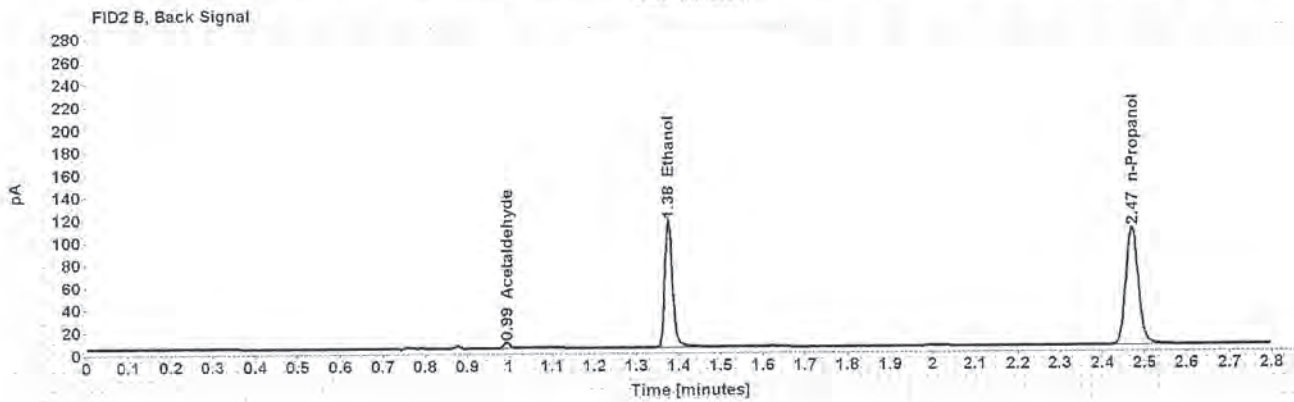
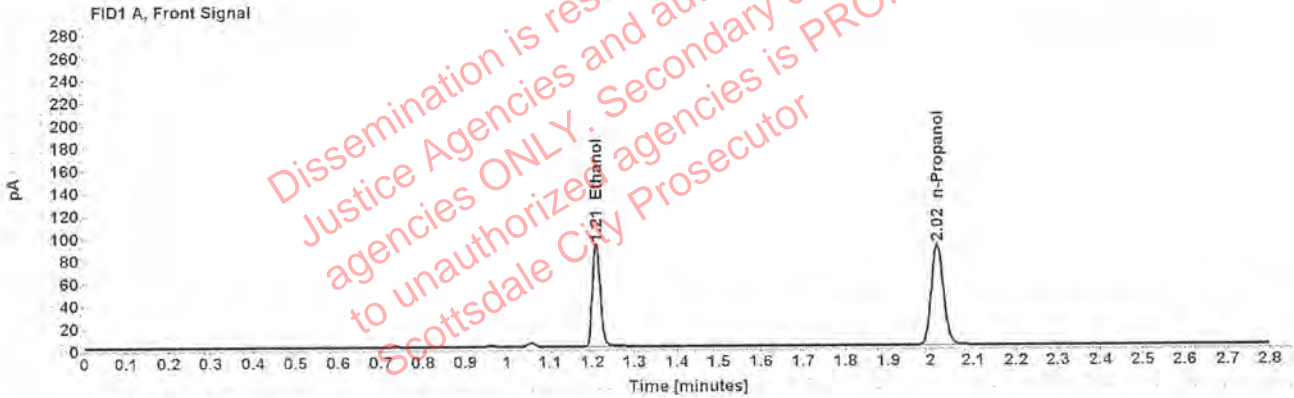


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1842	1.209	117.283
n-Propanol	-----	2.015	178.698

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.816
Ethanol	1.375	144.701
n-Propanol	2.469	214.972

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280163	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:10:41 PM
Data file:	C:\Chem321\Data\05Aug19\26.D	Analyst:	Kosecki

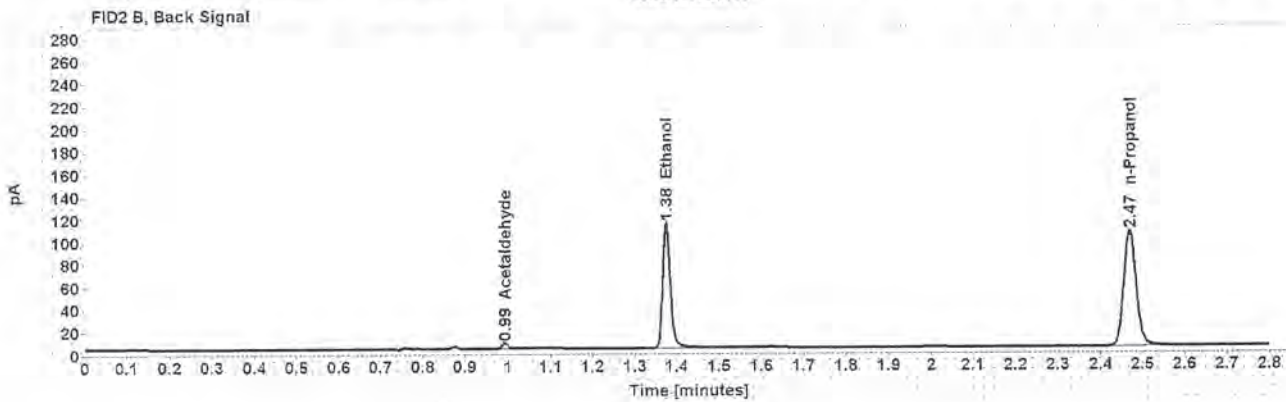
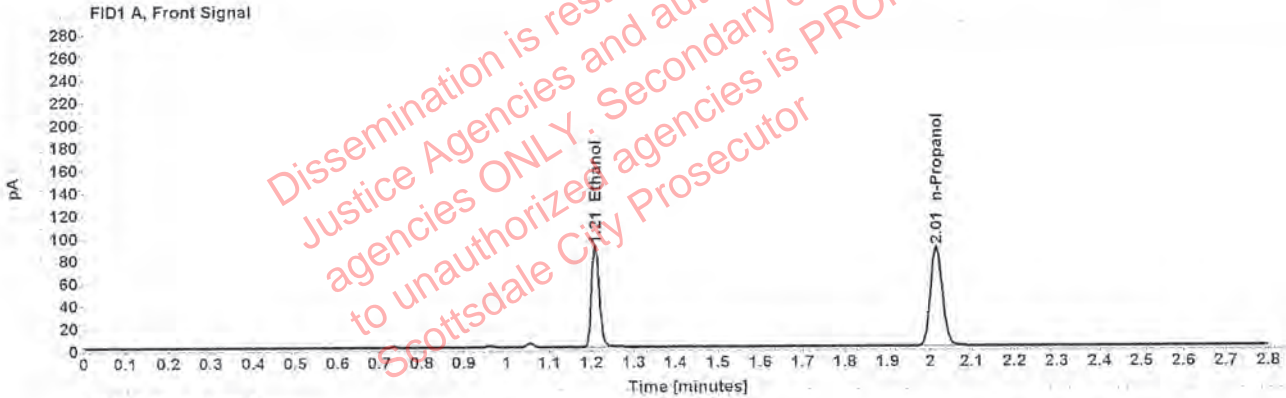


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1843	1.209	115.424
n-Propanol	-----	2.015	175.763

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.737
Ethanol	1.375	142.723
n-Propanol	2.469	211.257

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280130	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:14:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\27.D	Analyst:	Kosecki

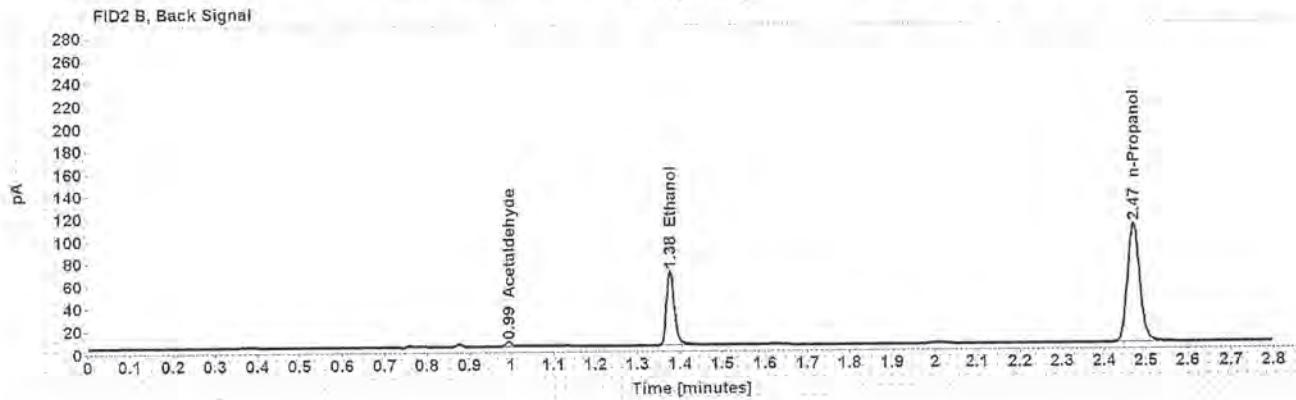
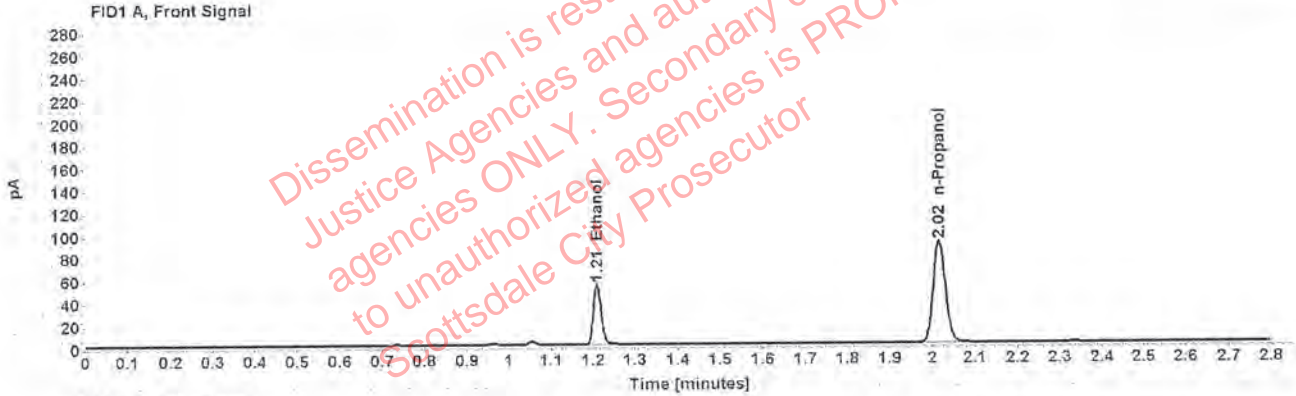


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1078	1.210	69.108
n-Propanol	-----	2.016	180.614

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.106
Ethanol	1.377	83.842
n-Propanol	2.470	216.920

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280130	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:18:40 PM
Data file:	C:\Chem32\1\Data\05Aug19\28.D	Analyst:	Kosecki

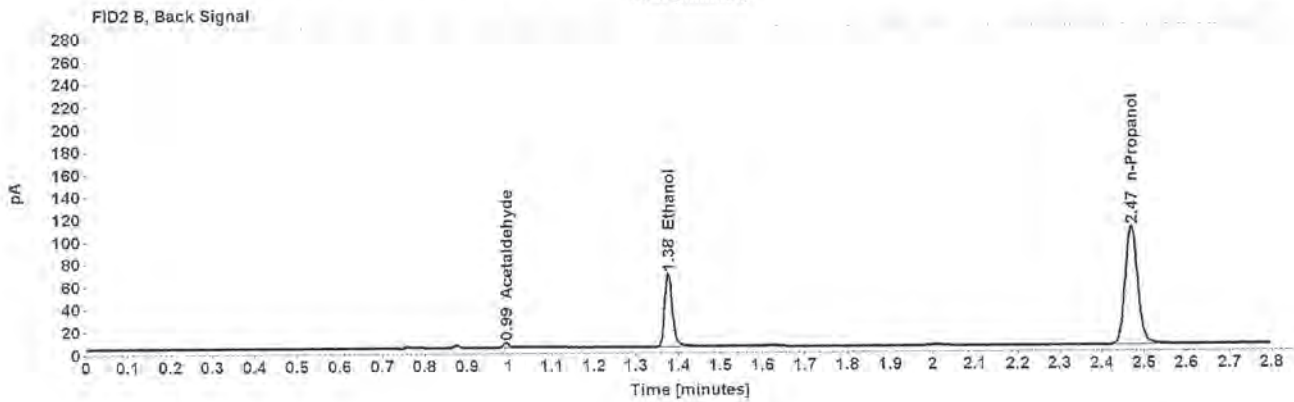
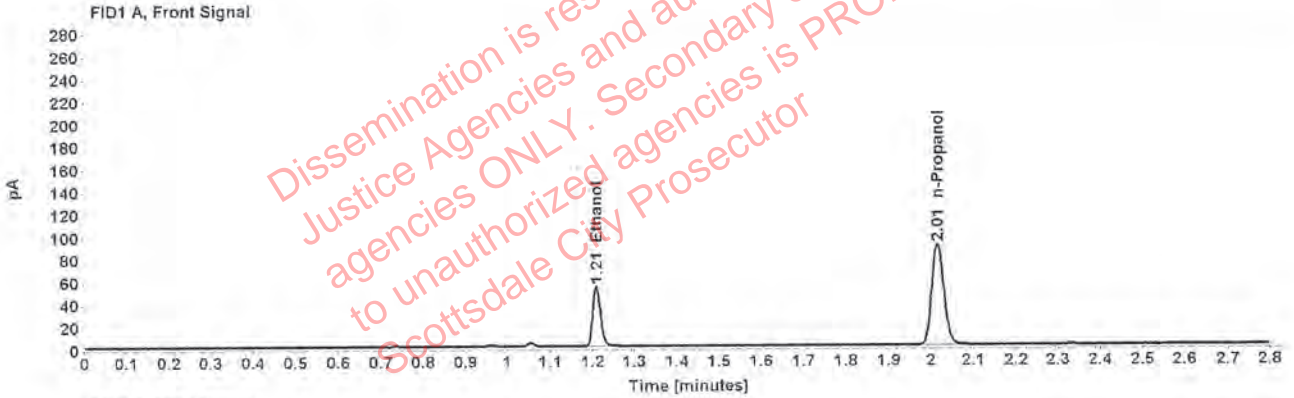


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1072	1.210	68.310
n-Propanol	-----	2.015	179.517

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.013
Ethanol	1.376	82.914
n-Propanol	2.469	215.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279816	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:22:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\29.D	Analyst:	Kosecki

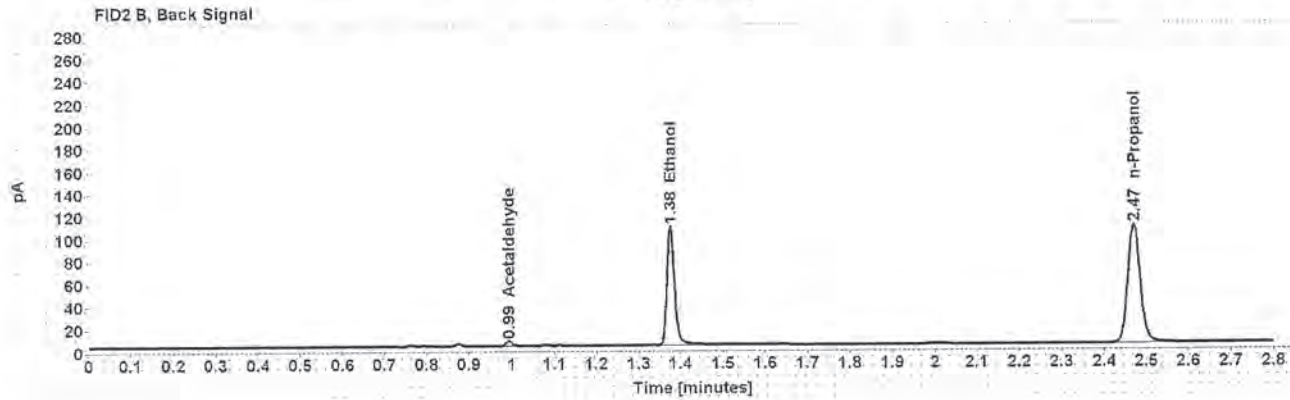
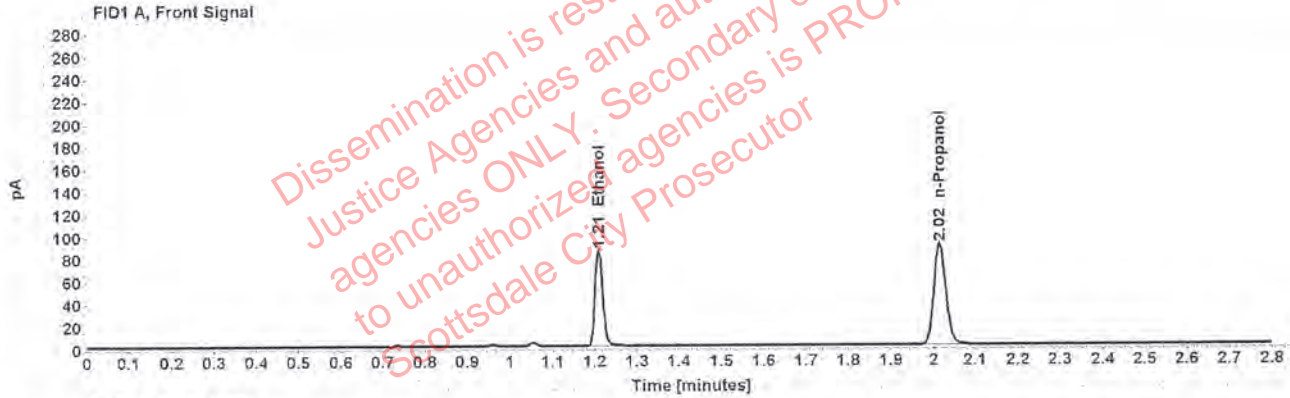


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1716	1.210	110.132
n-Propanol	-----	2.015	180.223

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.956
Ethanol	1.376	136.032
n-Propanol	2.470	216.407

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1279816	Vial: 30
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 5:26:41 PM
Data file: C:\Chem32\1\Data\05Aug19\30.D	Analyst: Kosecki

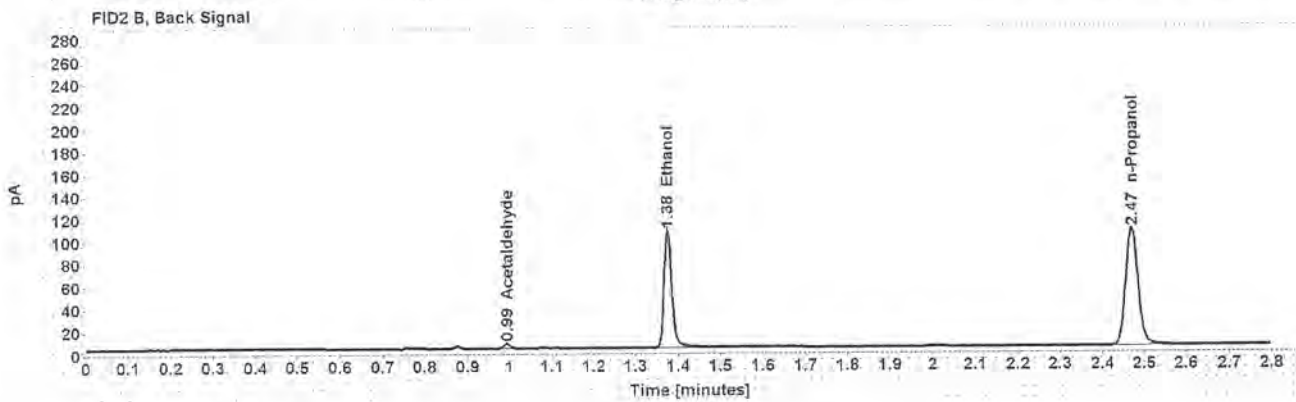
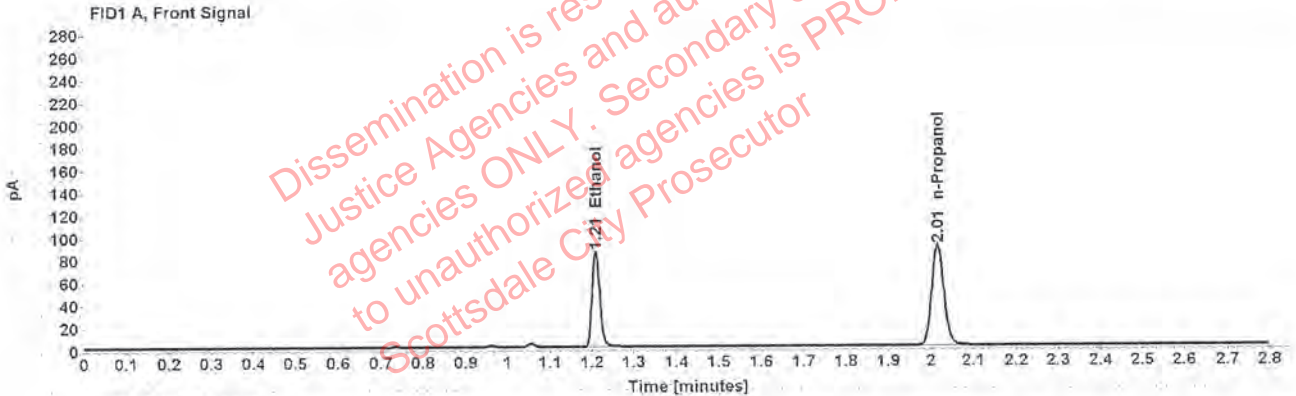


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1710	1.209	108.412
n-Propanol	-----	2.015	178.012

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.976
Ethanol	1.375	133.871
n-Propanol	2.469	213.961

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1251359	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:34:55 PM
Data file:	C:\Chem32\1\Data\05Aug19\32.D	Analyst:	Kosecki

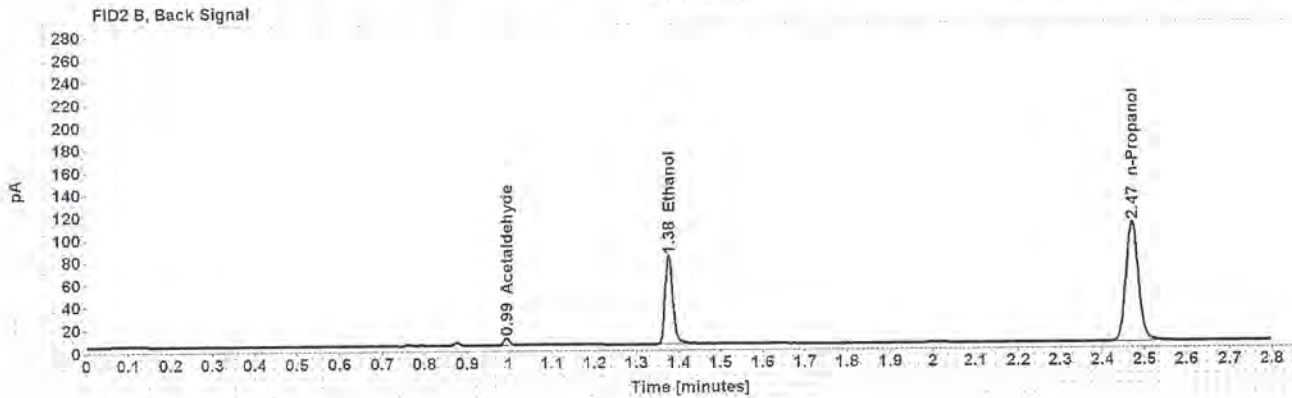
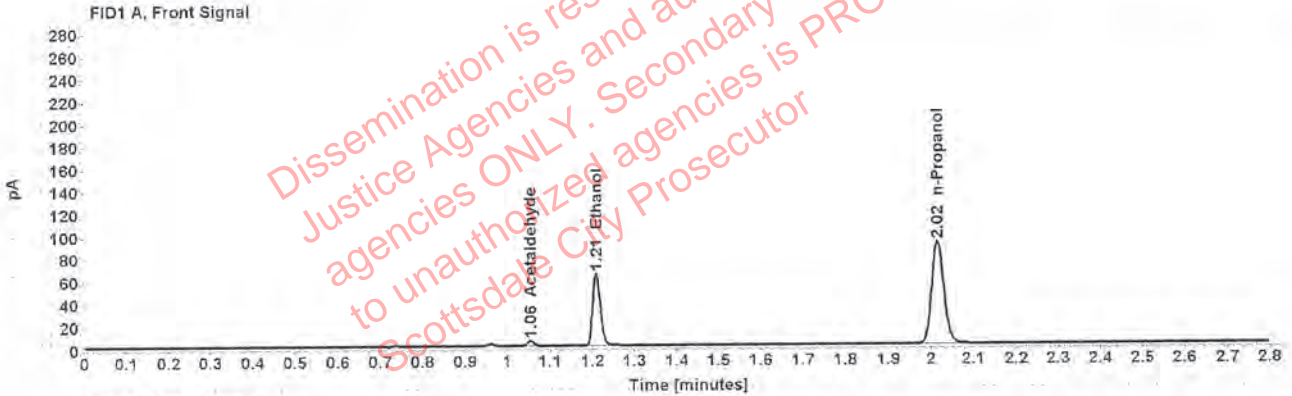


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4,549
>Ethanol	0.1269	1.210	82.101
n-Propanol	-----	2.015	181.989

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5,975
Ethanol	1.376	100.262
n-Propanol	2.470	218.815

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1251359	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:38:57 PM
Data file:	C:\Chem32\1\Data\05Aug19\33.D	Analyst:	Kosecki

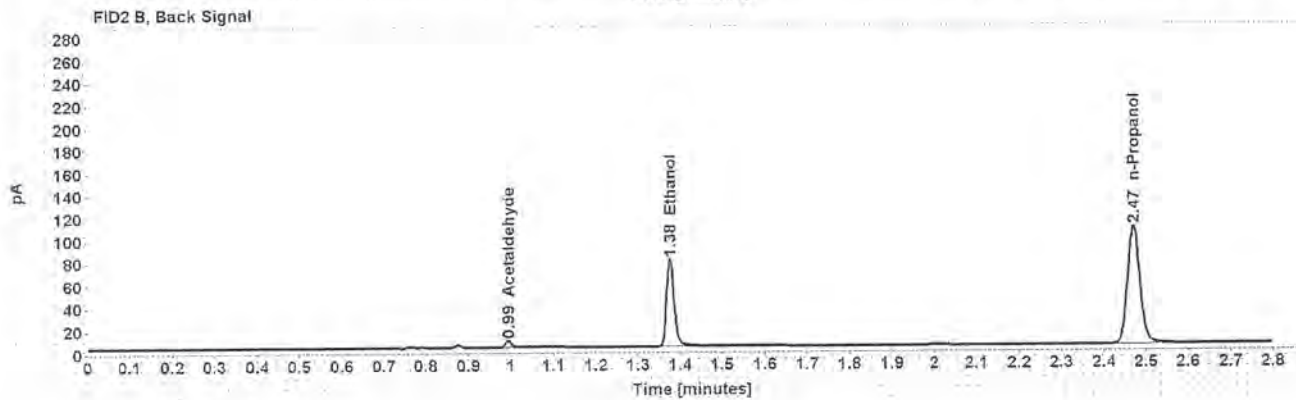
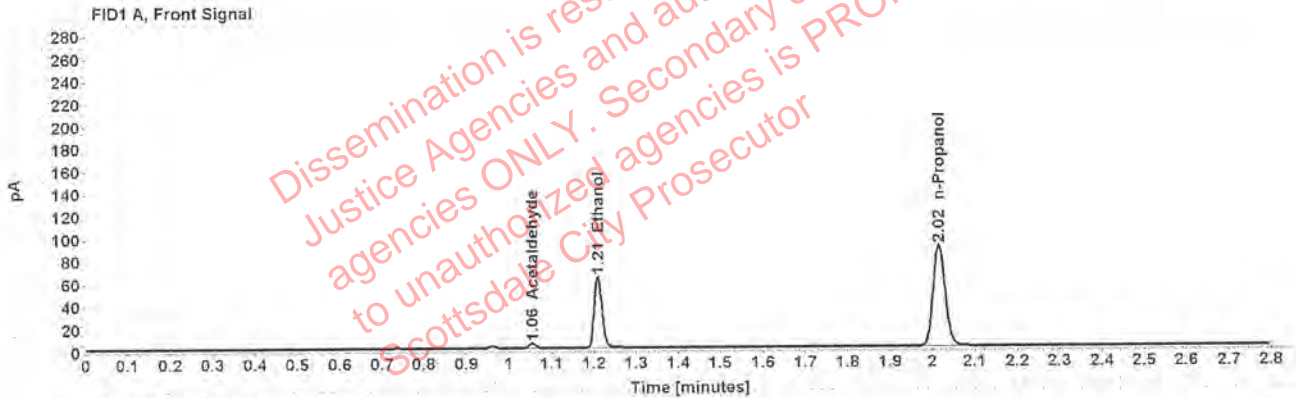


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.412
>Ethanol	0.1275	1.210	80.863
n-Propanol	-----	2.015	178.444

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.748
Ethanol	1.376	98.510
n-Propanol	2.470	214.357

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280820	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:42:56 PM
Data file:	C:\Chem32\1\Data\05Aug19\34.D	Analyst:	Kosecki

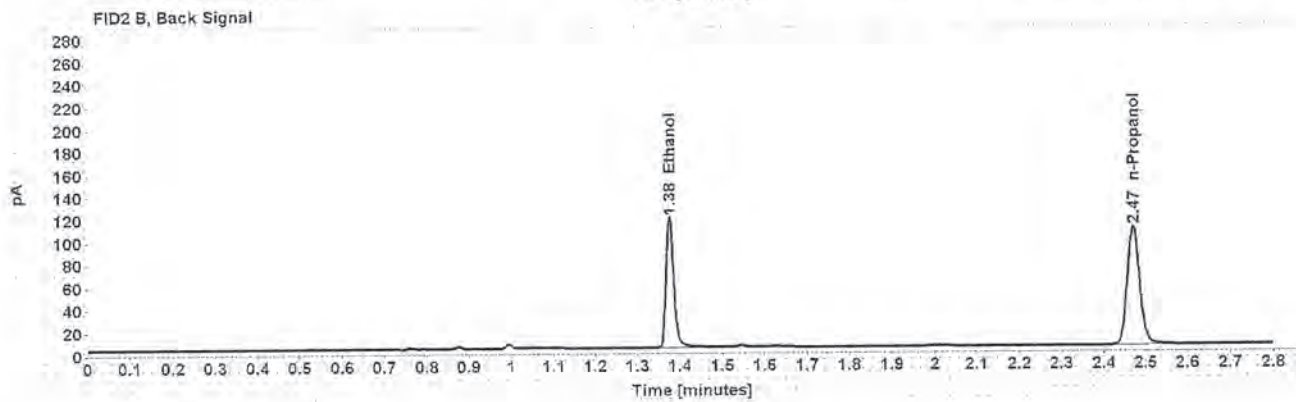
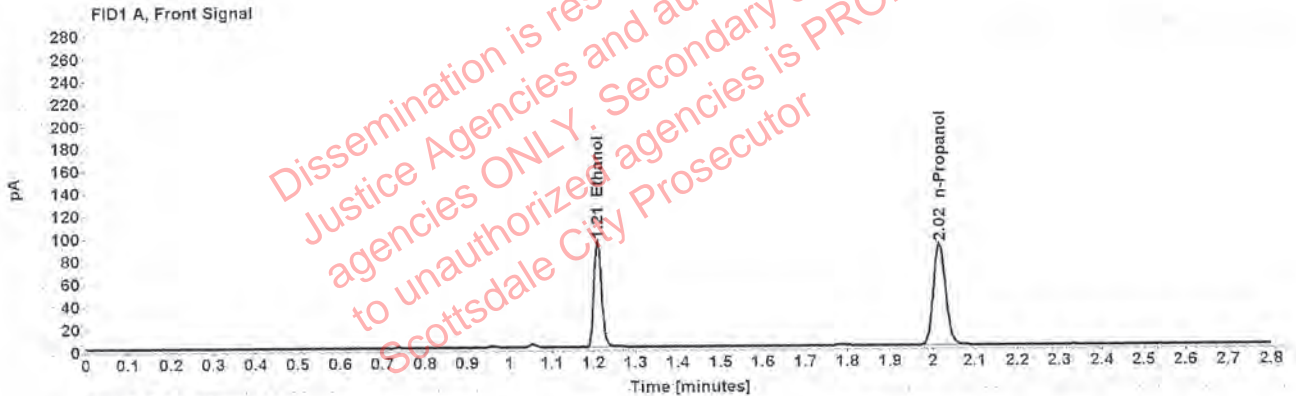


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1879	1.210	120.547
n-Propanol	-----	2.015	180.063

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

Compound	Time (min)	Peak Area
Ethanol	1.376	149.181
n-Propanol	2.470	216.553

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280820	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:46:56 PM
Data file:	C:\Chem32\1\Data\05Aug19\35.D	Analyst:	Kosecki

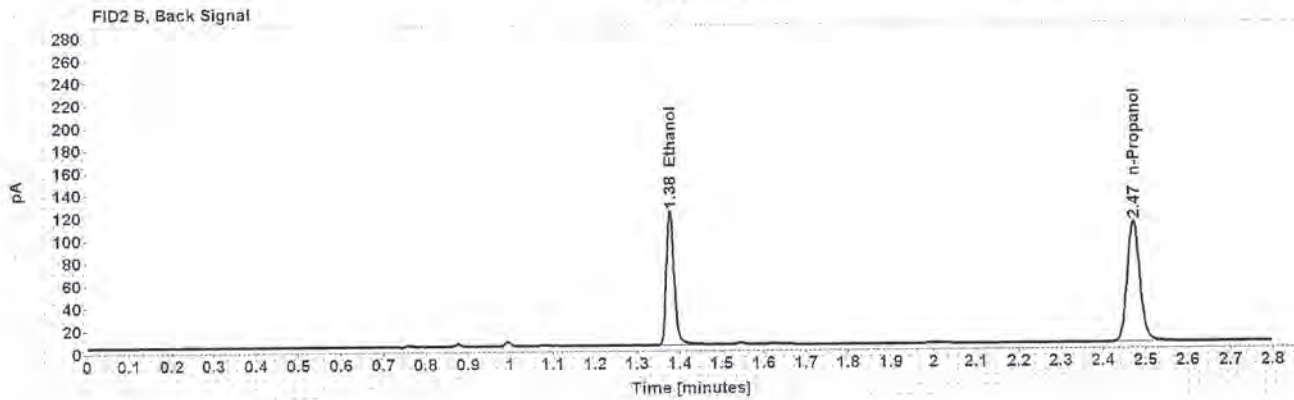
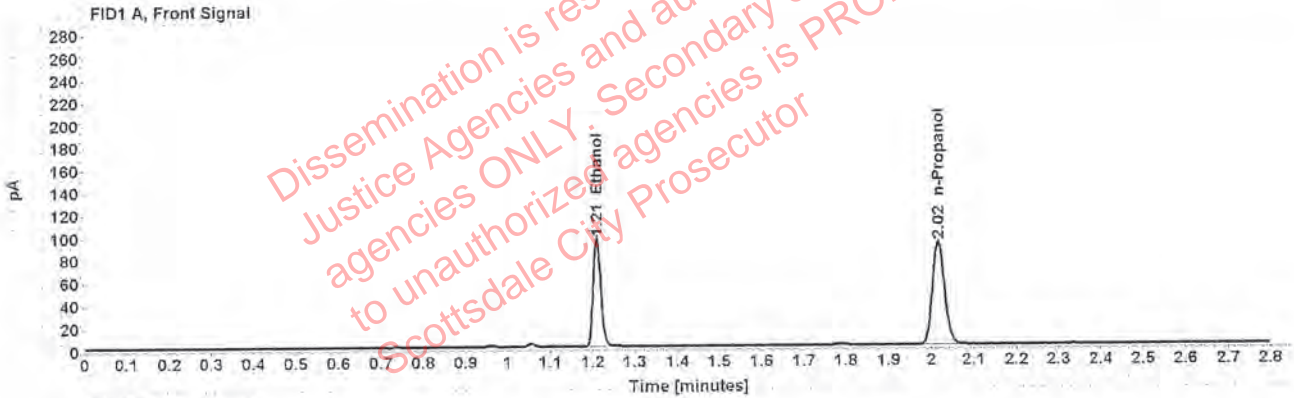


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1895	1.210	123.805
n-Propanol	-----	2.016	183.353

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

Compound	Time (min)	Peak Area
Ethanol	1.377	153.162
n-Propanol	2.471	220.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1281003	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:50:56 PM
Data file:	C:\Chem32\1\Data\05Aug19\36.D	Analyst:	Kosecki

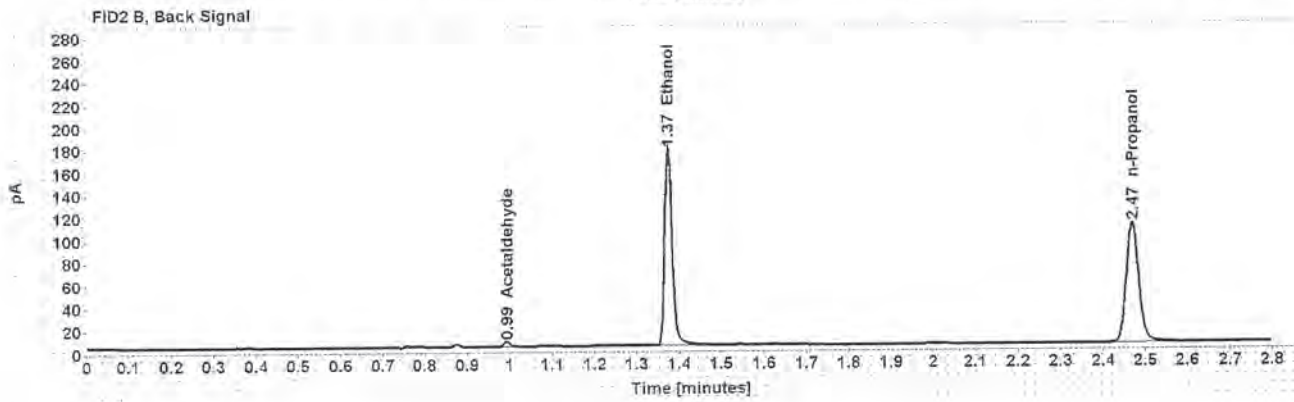
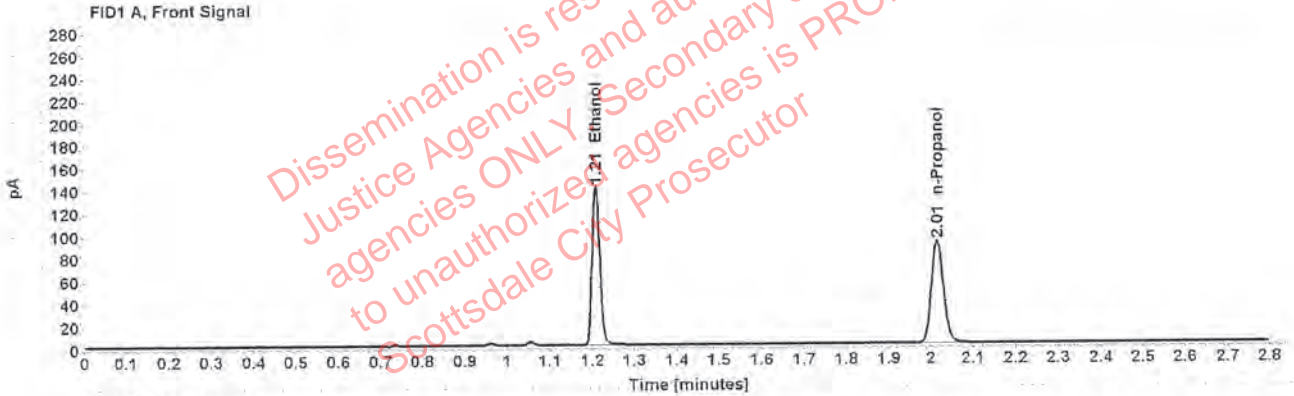


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2767	1.209	179.536
n-Propanol	-----	2.015	181.810

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.152
Ethanol	1.375	222.194
n-Propanol	2.469	218.177

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1281003	Vial: 37
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 5:55:11 PM
Data file: C:\Chem32\1\Data\05Aug19\37.D	Analyst: Kosecki

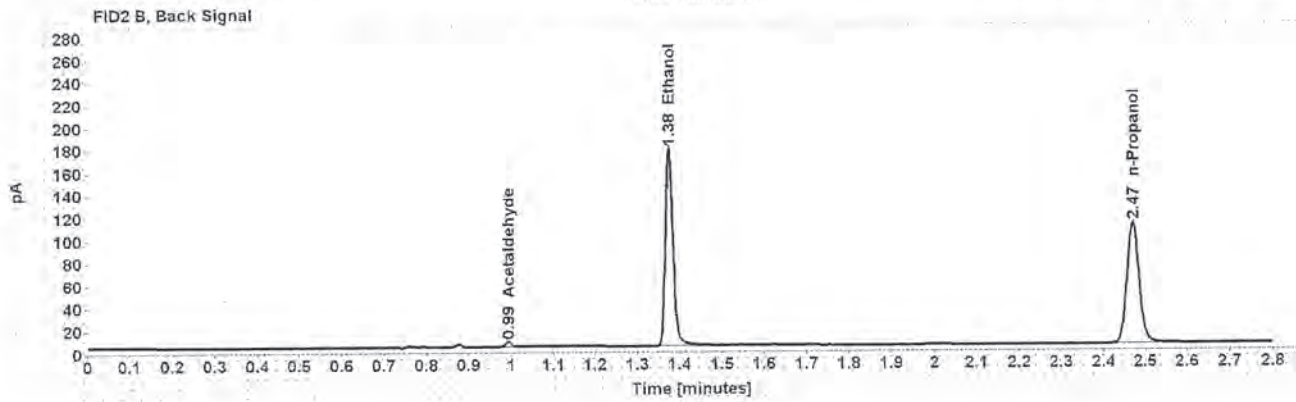
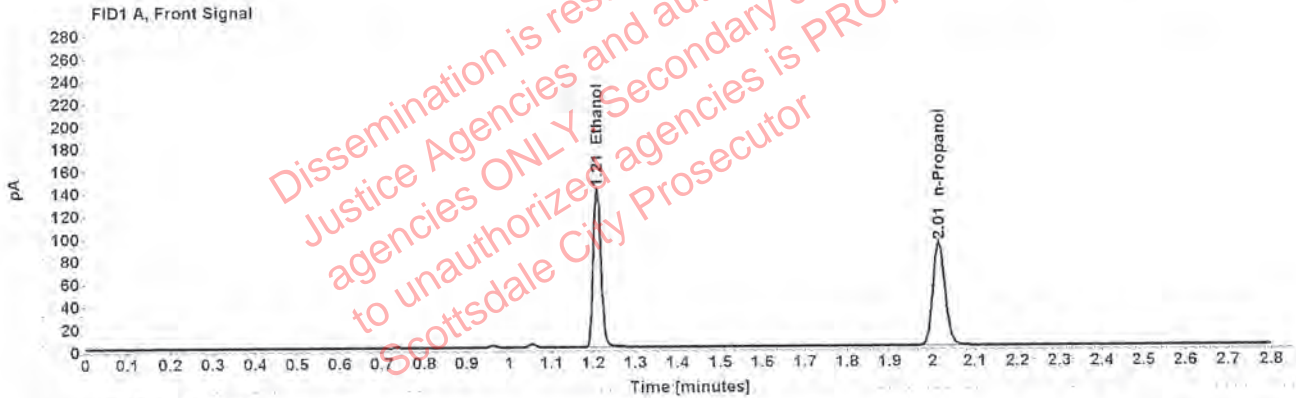


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2760	1.209	180.579
n-Propanol	-----	2.015	183.281

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4,300
Ethanol	1.375	221,400
n-Propanol	2.470	219,596

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279802	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 5:59:11 PM
Data file:	C:\Chem32\1\Data\05Aug19\38.D	Analyst:	Kosecki

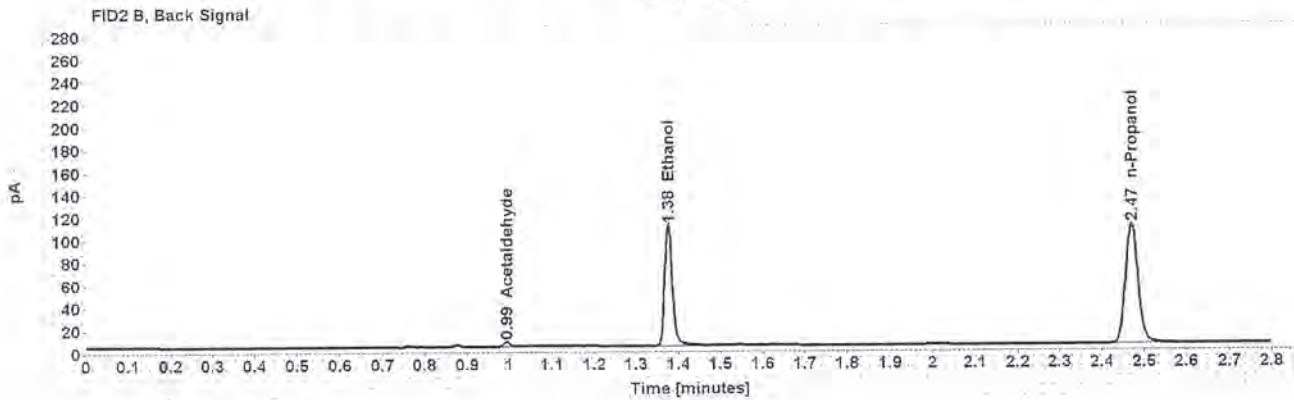
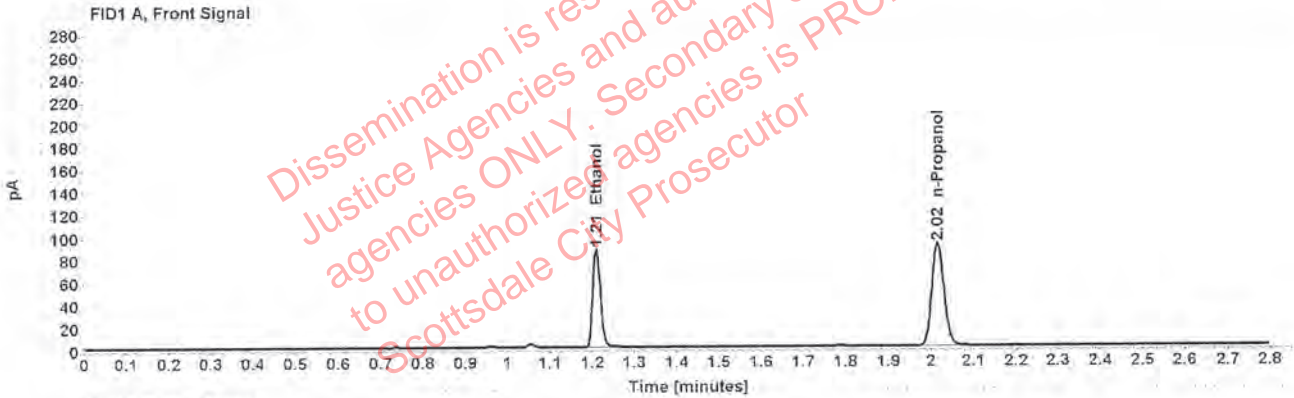


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1722	1.210	111.894
n-Propanol	-----	2.015	182.425

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.134
Ethanol	1.376	138.515
n-Propanol	2.470	219.095

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279802	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:03:11 PM
Data file:	C:\Chem32\1\Data\05Aug19\39.D	Analyst:	Kosecki

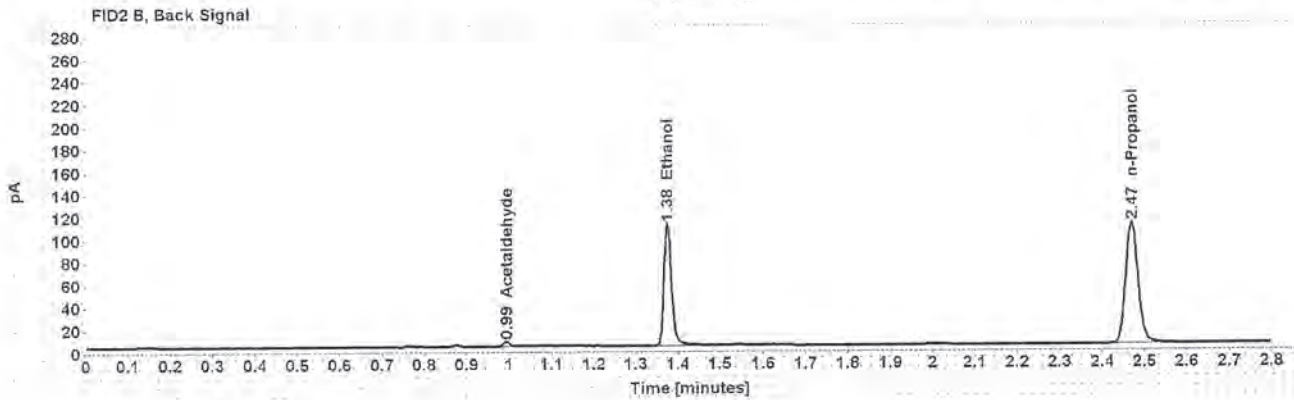
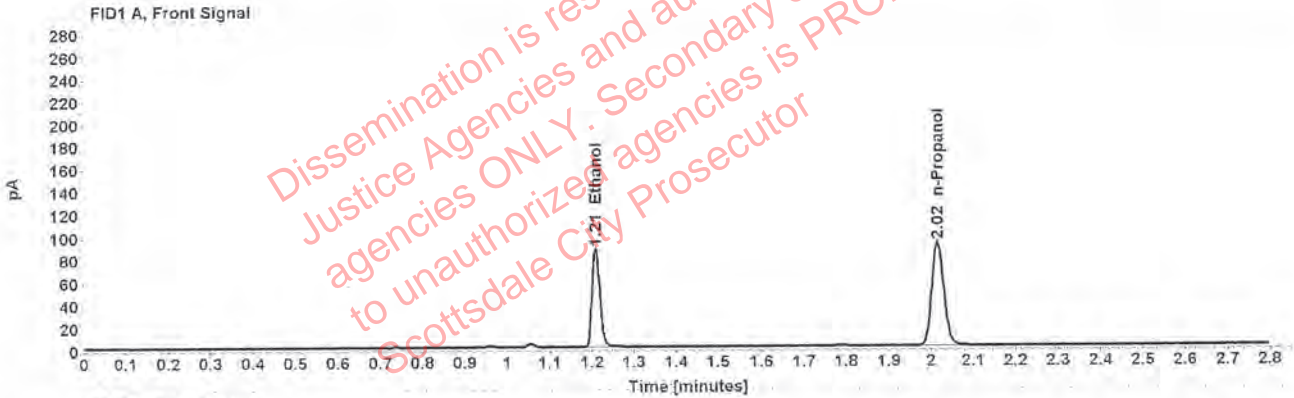


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1723	1.209	112.610
n-Propanol	-----	2.015	183.443

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.139
Ethanol	1.375	139.263
n-Propanol	2.470	220.062

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280159	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:07:13 PM
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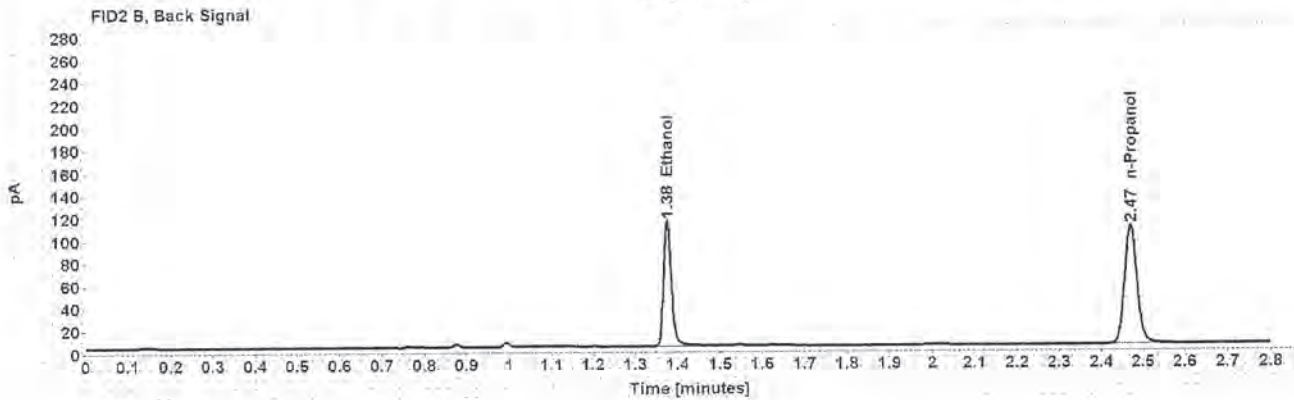
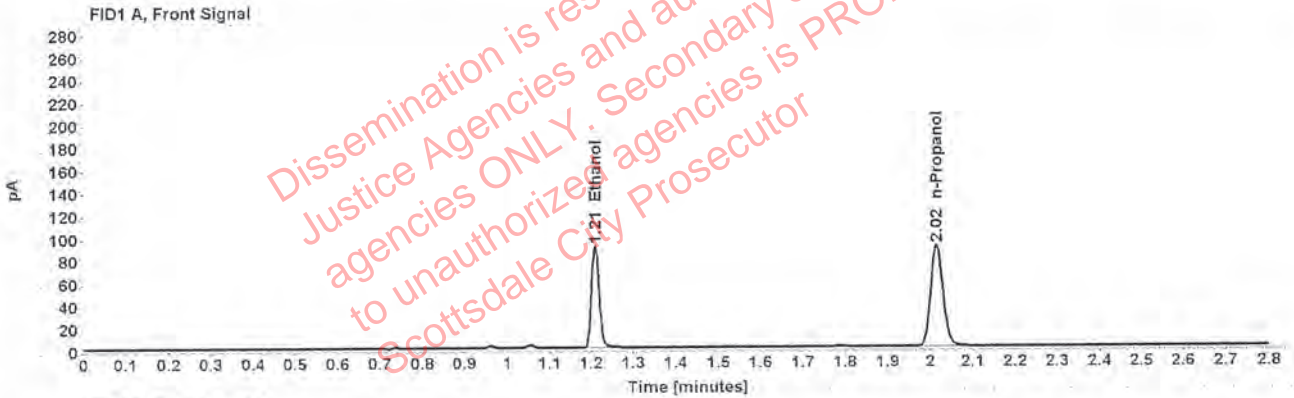


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1804	1.209	116.243
n-Propanol	-----	2.015	180.827

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

Compound	Time (min)	Peak Area
Ethanol	1.375	143.887
n-Propanol	2.469	217.028

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1280159	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:11:12 PM
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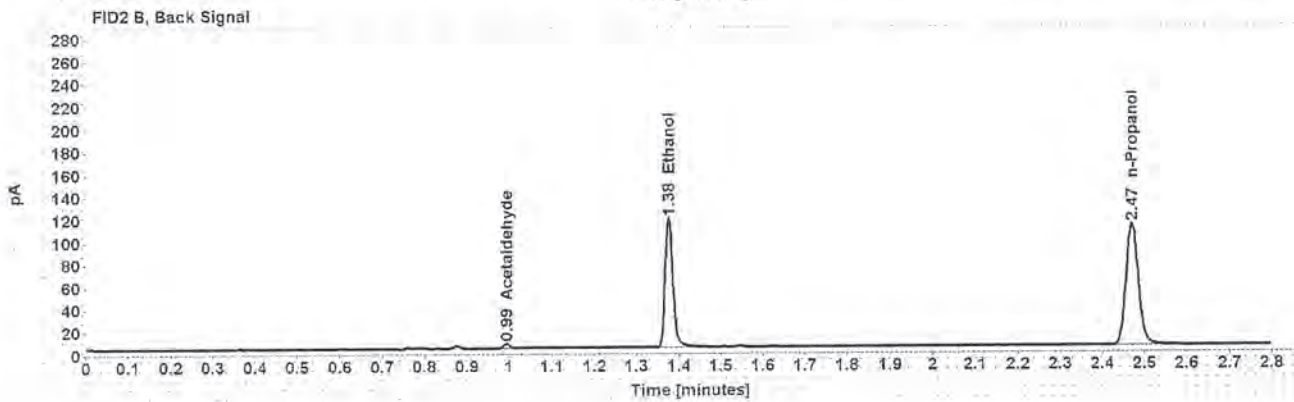
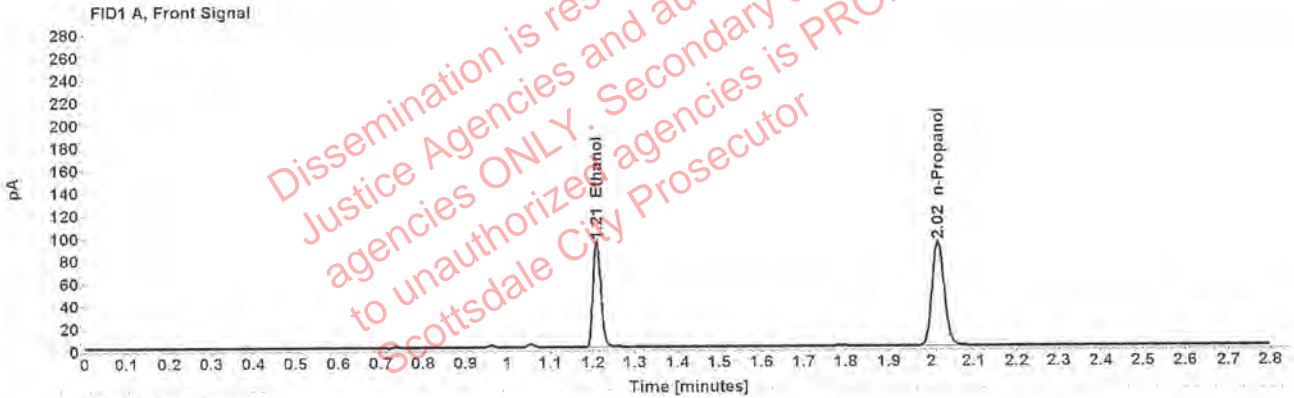


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1828	1.210	120.169
n-Propanol	-----	2.016	184.506

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.776
Ethanol	1.376	148.849
n-Propanol	2.470	222.053

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1279719 [REDACTED]	Vial: 43
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 05Aug19
Instrument: US14173023 CN14160045	Injection date: 8/5/2019 6:19:26 PM
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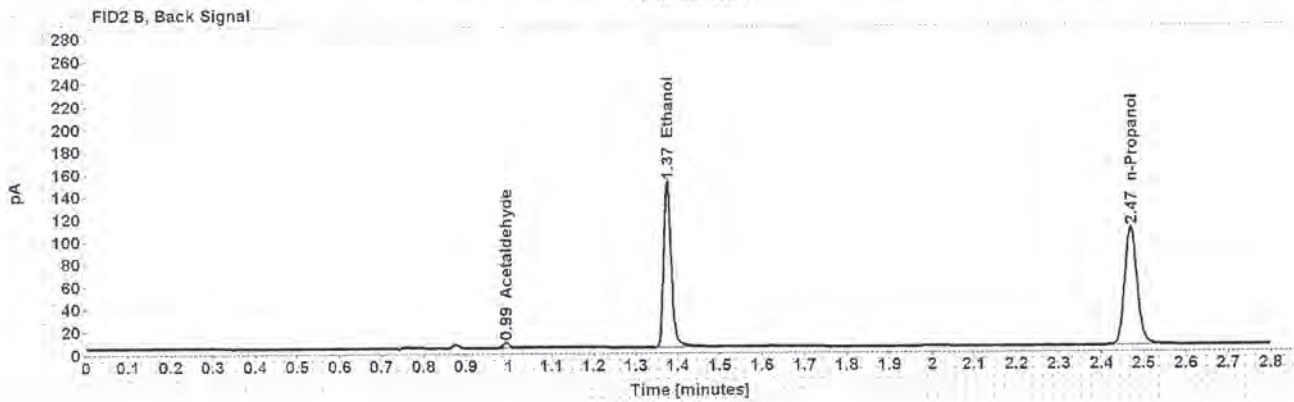
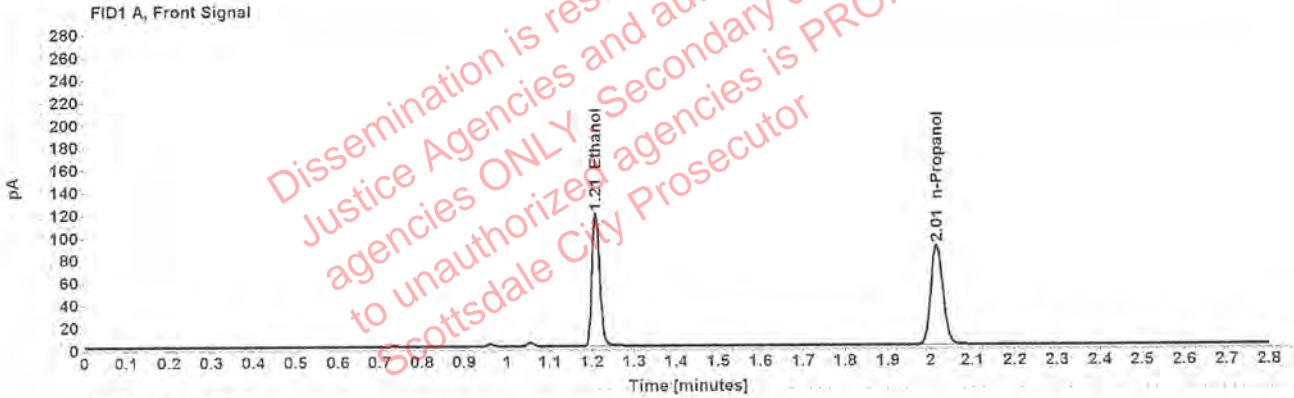


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2382	1.209	151.972
n-Propanol	-----	2.015	178.863

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.438
Ethanol	1.375	188.082
n-Propanol	2.469	215.532

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279719 [REDACTED]	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:23:27 PM
Data file:	C:\Chem32\1\Data\05Aug19\44.D	Analyst:	Kosecki

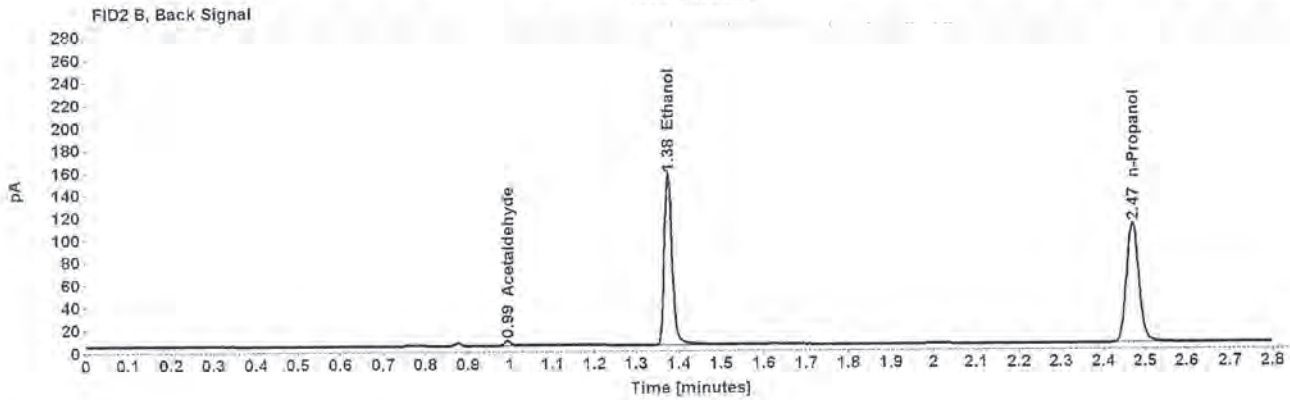
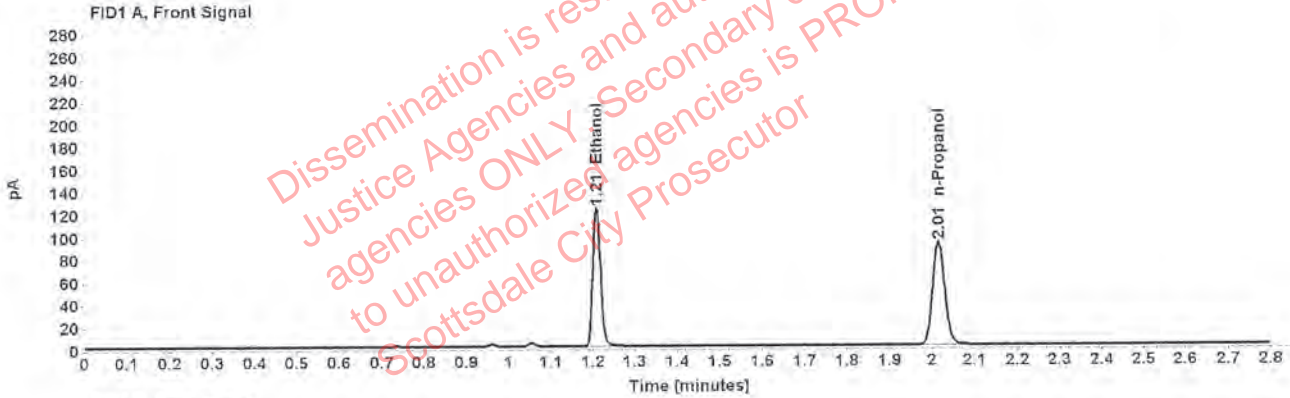


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2420	1.209	157.365
n-Propanol	-----	2.015	182.267

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.336
Ethanol	1.375	194.745
n-Propanol	2.469	219.755

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282993	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:27:26 PM
Data file:	C:\Chem32\1\Data\05Aug19\45.D	Analyst:	Kosecki

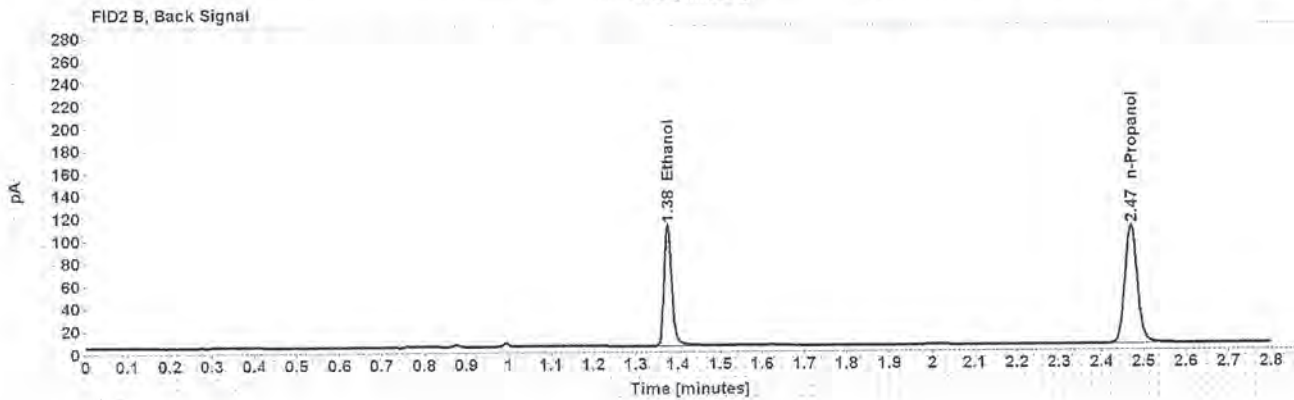
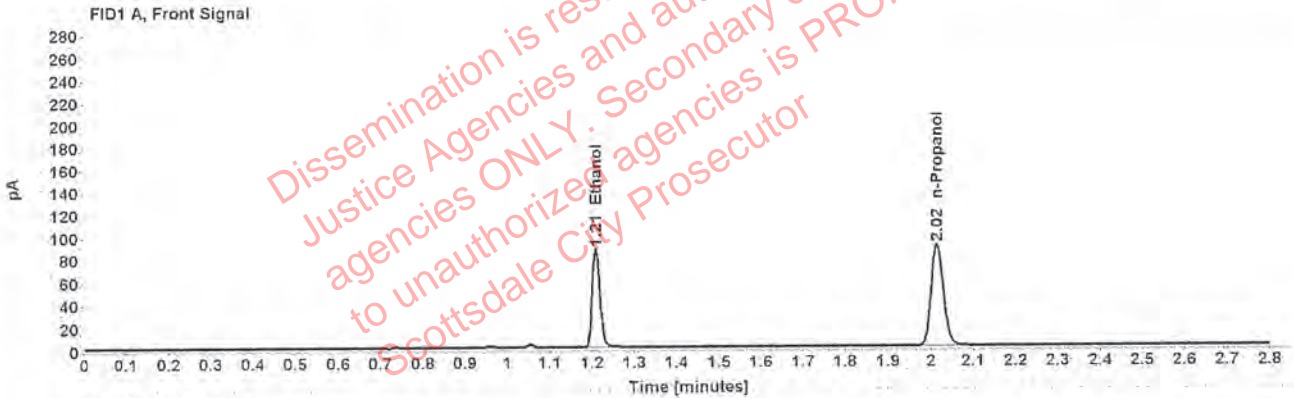


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1747	1.209	111.825
n-Propanol	-----	2.015	179.651

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

Compound	Time (min)	Peak Area
Ethanol	1.375	138.601
n-Propanol	2.470	215.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1282993	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:31:26 PM
Data file:	C:\Chem32\1\Data\05Aug19\46.D	Analyst:	Kosecki

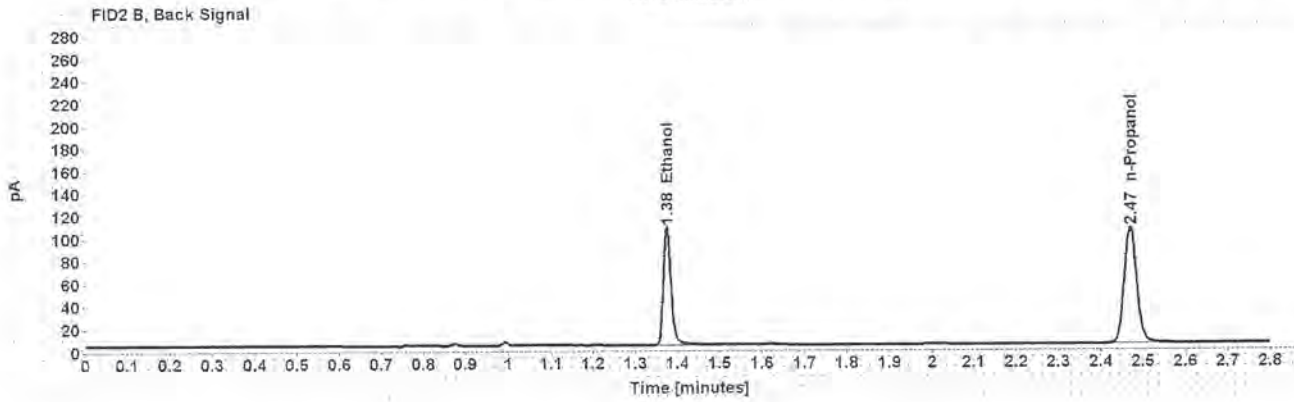
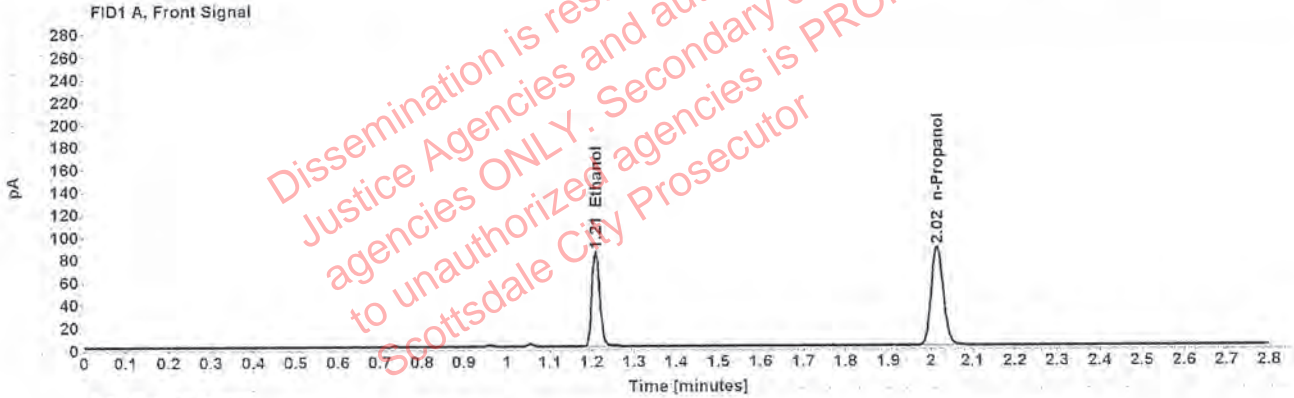


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1731	1.209	108.143
n-Propanol	-----	2.015	175.368

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

Compound	Time (min)	Peak Area
Ethanol	1.375	134.099
n-Propanol	2.469	210.427

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283009	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:35:25 PM
Data file:	C:\Chem32\1\Data\05Aug19\47.D	Analyst:	Kosecki

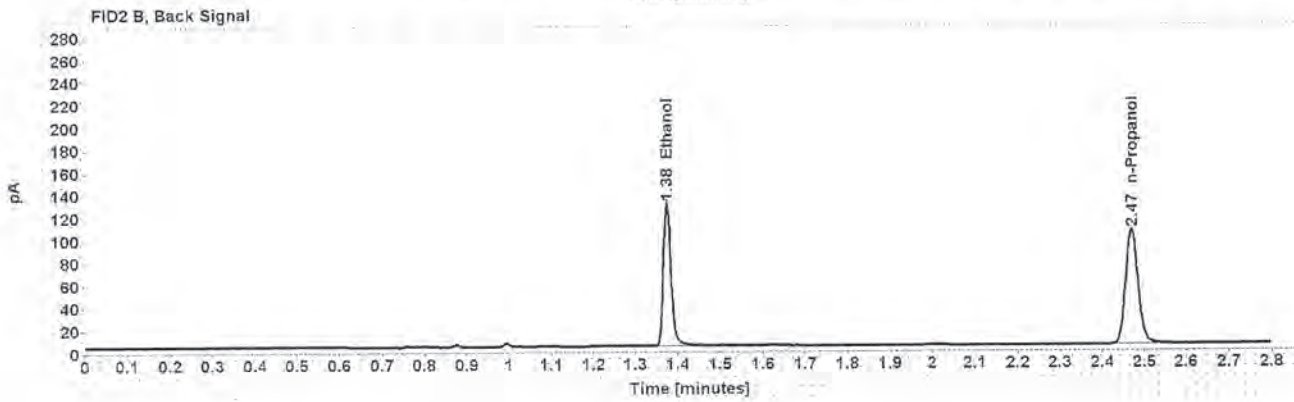
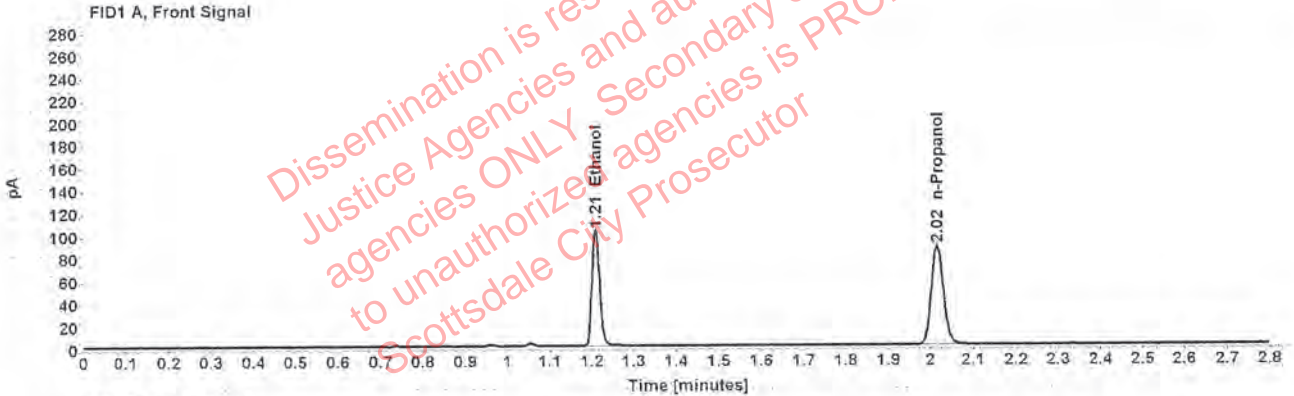


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2116	1.209	131.728
n-Propanol	-----	2.015	174.576

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

Compound	Time (min)	Peak Area
Ethanol	1.375	163.167
n-Propanol	2.469	210.195

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283009	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:39:26 PM
Data file:	C:\Chem32\1\Data\05Aug19\48.D	Analyst:	Kosecki

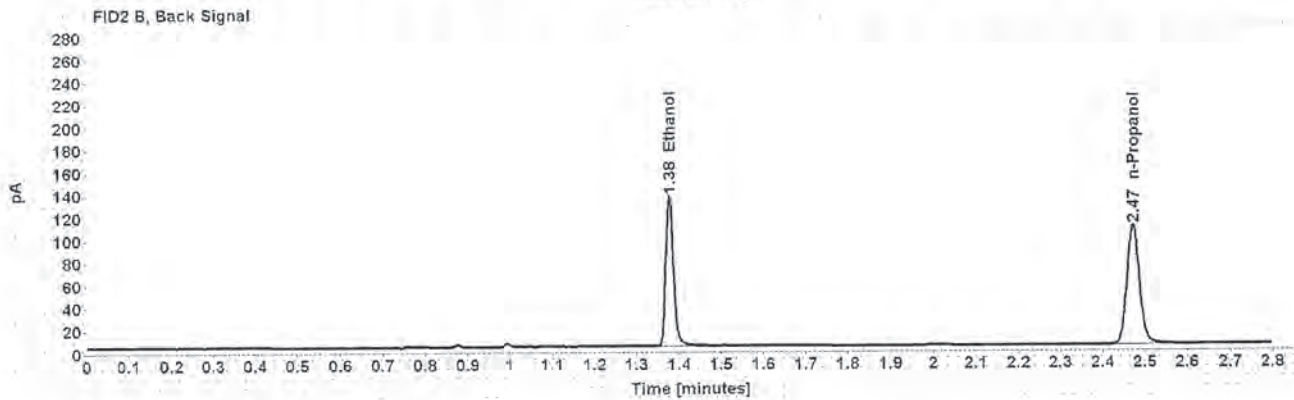
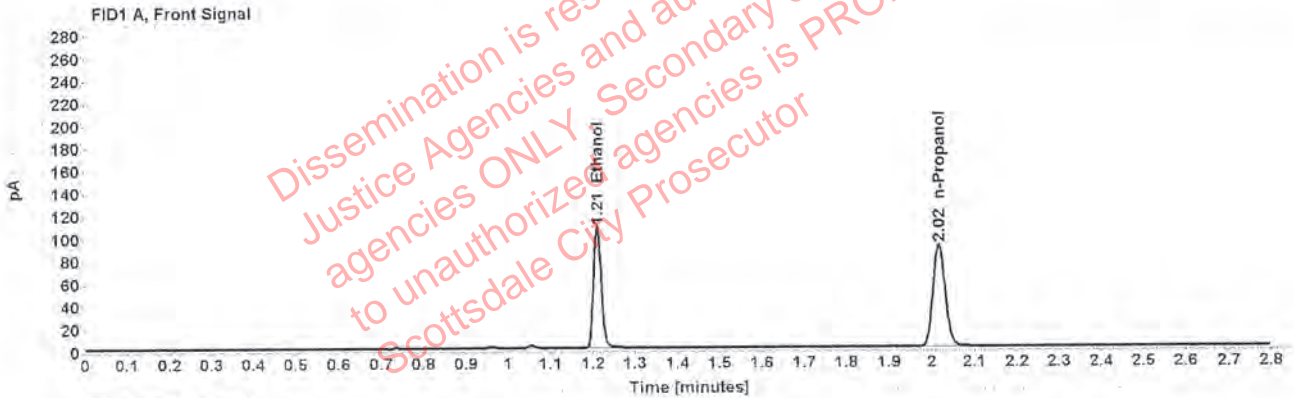


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2149	1.210	138.201
n-Propanol	-----	2.016	180.351

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

Compound	Time (min)	Peak Area
Ethanol	1.377	170.761
n-Propanol	2.471	217.328

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283119	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:43:41 PM
Data file:	C:\Chem32\11\Data\05Aug19\49.D	Analyst:	Kosecki

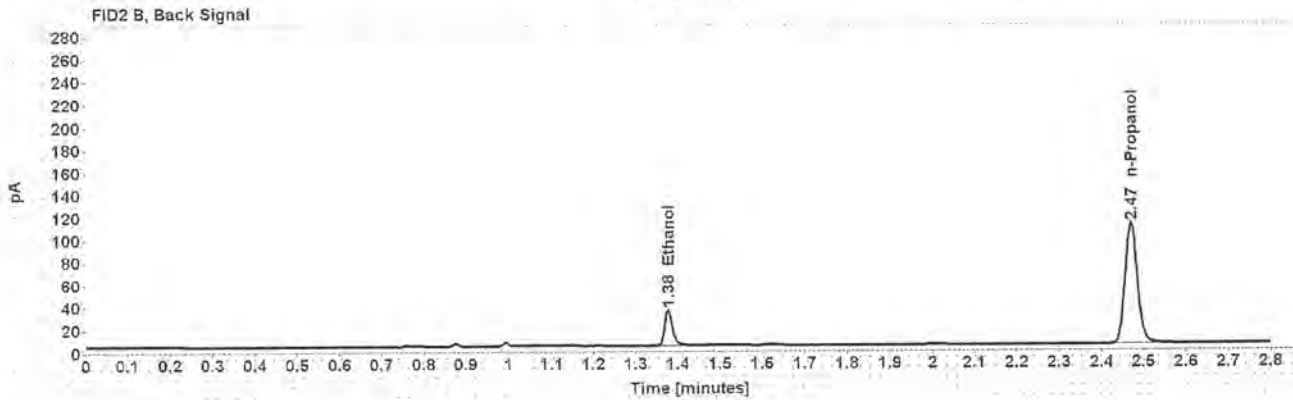
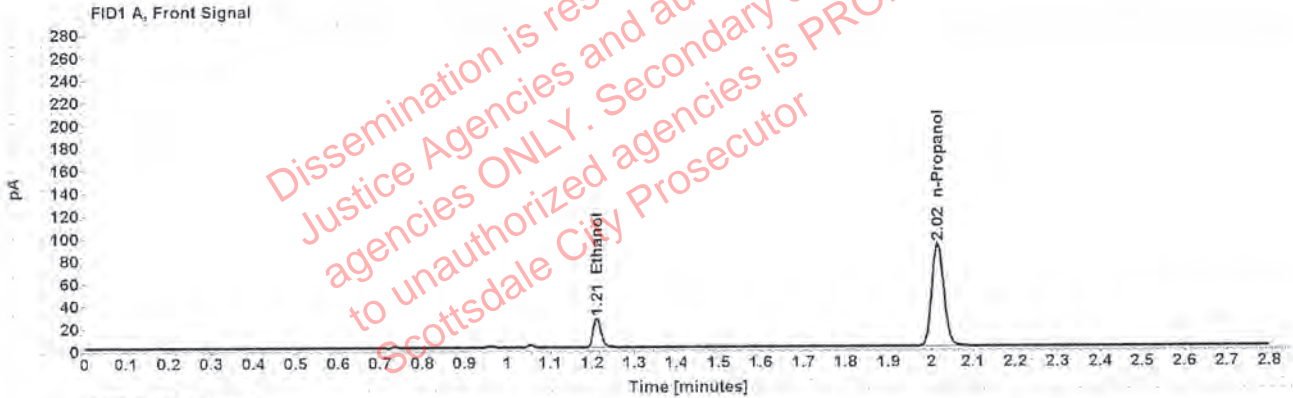


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0521	1.211	33.479
n-Propanol	-----	2.015	182.757

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

Compound	Time (min)	Peak Area
Ethanol	1.377	41.426
n-Propanol	2.470	219.955

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283119	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:47:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\50.D	Analyst:	Kosecki

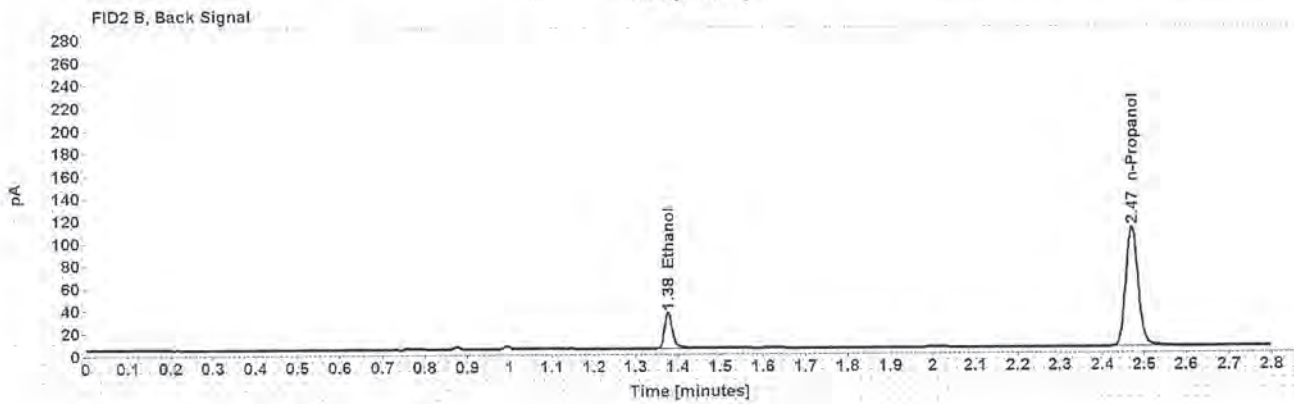
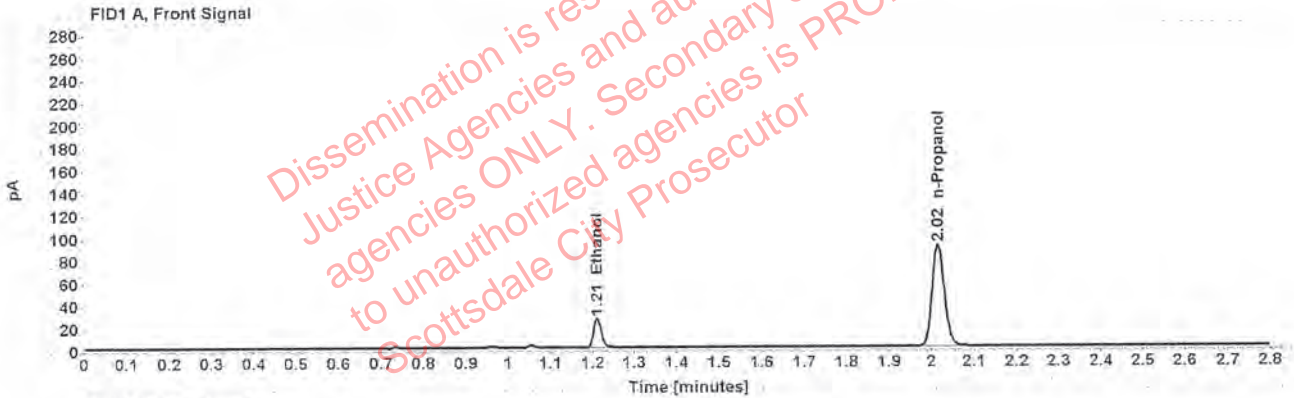


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0529	1.211	33.797
n-Propanol	-----	2.015	181.617

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

Compound	Time (min)	Peak Area
Ethanol	1.377	41.878
n-Propanol	2.470	219.082

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283608	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:51:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\51.D	Analyst:	Kosecki

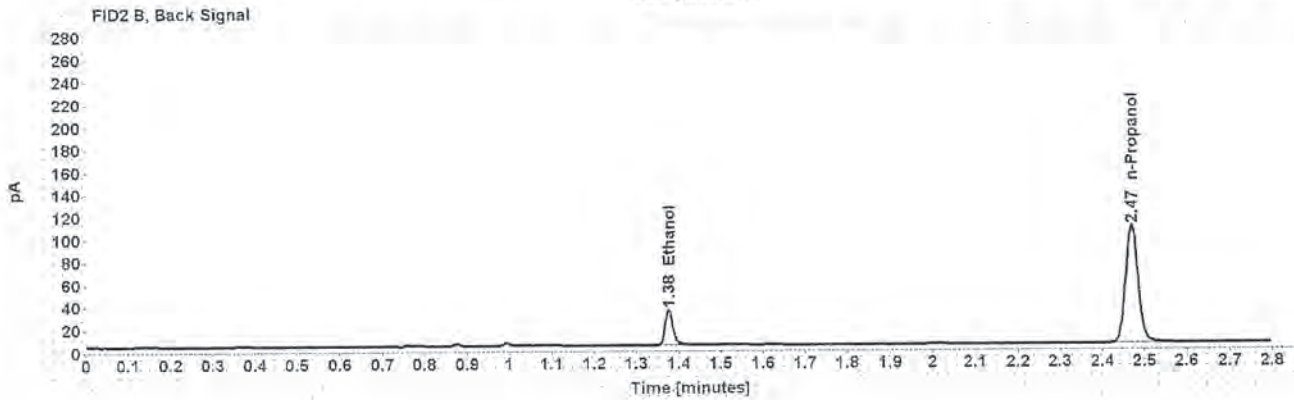
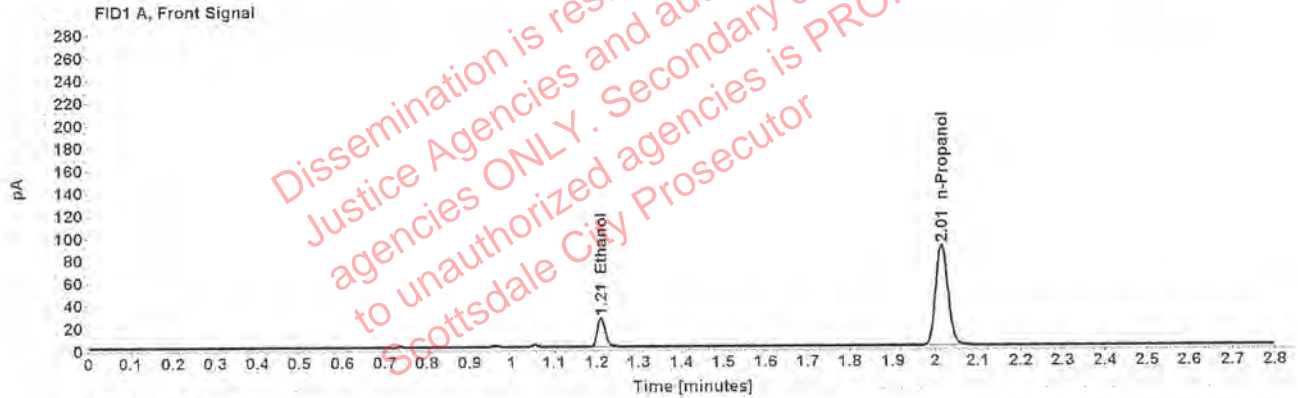


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0525	1.210	33.027
n-Propanol	-----	2.015	178.816

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

Compound	Time (min)	Peak Area
Ethanol	1.376	39.855
n-Propanol	2.469	215.008

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283608	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	05Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/5/2019 6:55:41 PM
Data file:	C:\Chem32\1\Data\05Aug19\52.D	Analyst:	Kosecki

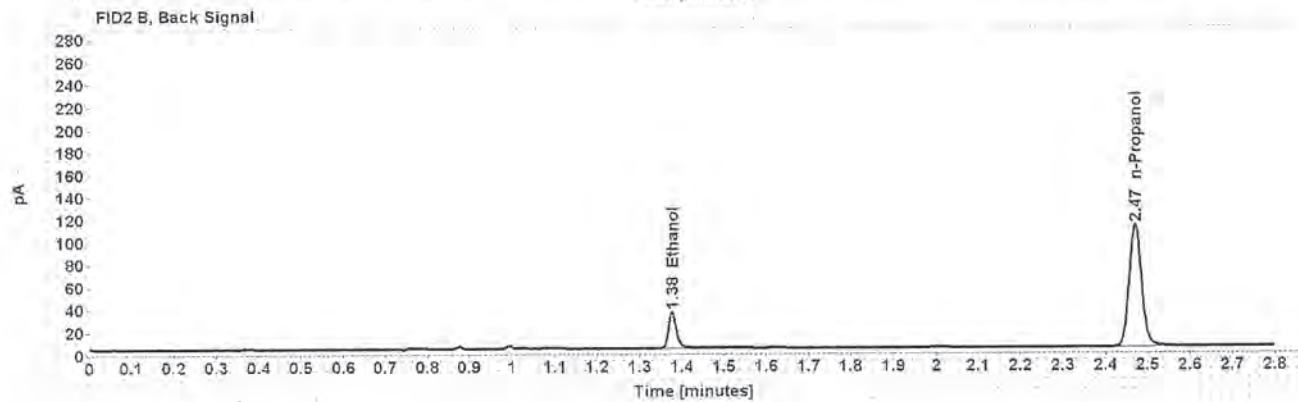
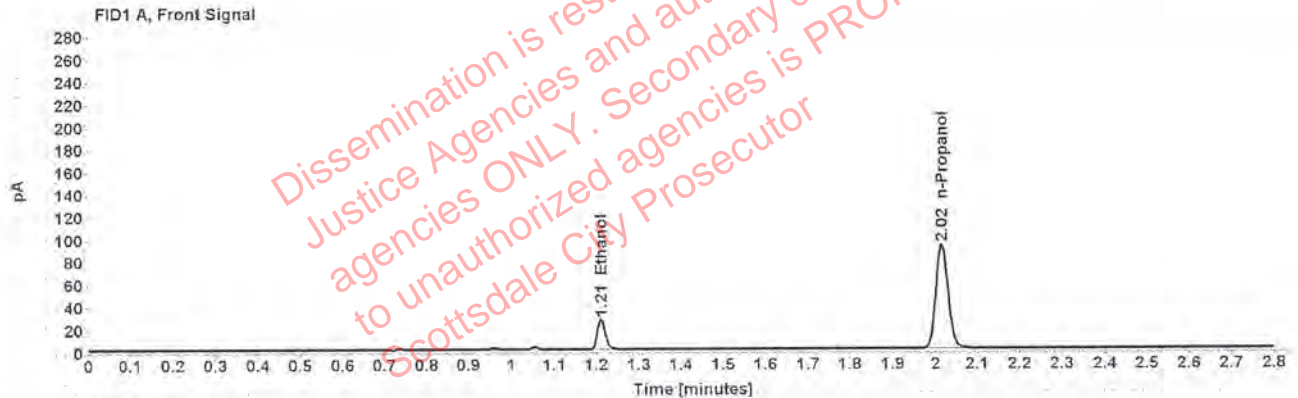


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0523	1.211	34.128
n-Propanol	-----	2.015	185,300

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

Compound	Time (min)	Peak Area
Ethanol	1.376	42.250
n-Propanol	2.470	223,498