

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 8/26/19 SEQUENCE NAME 26Aug19

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	0.402 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	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 08012015-C
32	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
33	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
34	blank	Not detected	Not detected	SPD Lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 10 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid
 Run valid Run invalid
KOSECKI 8/27/19 Analyst Raines B/M66 8/30/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 26Aug19

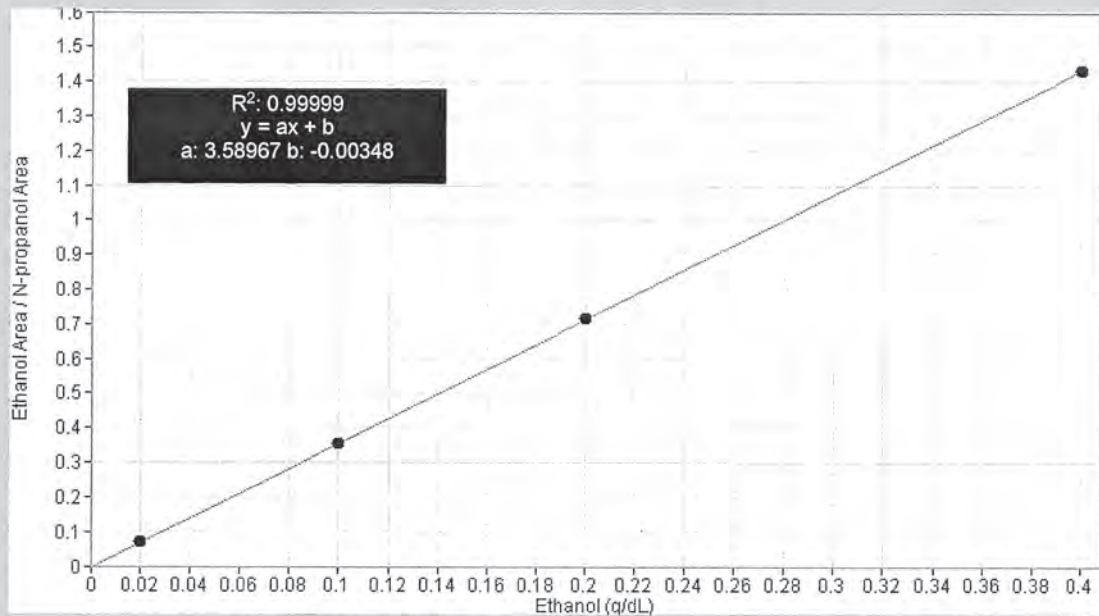
ANALYST: Kosecki **AK**

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	0.402	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	0.080	0.080	0.00	0.000
0.40 08012015-C	31	0.407	0.400	1.75	0.007
0.04 09022015-A	32	0.040	0.040	0.00	0.000
0.198 407041529/13	33	0.200	0.198	1.01	0.002
blank 040919VVB	34	negative	negative	-	-

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Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.142	174.990	0.069
0.100	61.209	173.197	0.353
0.200	124.813	174.435	0.716
0.400	253.981	177.322	1.432

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 26Aug19
Method: ethanol quant.M	Injection date: 8/26/2019 4:21:35 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem32\1\Data\26Aug19\1.D	

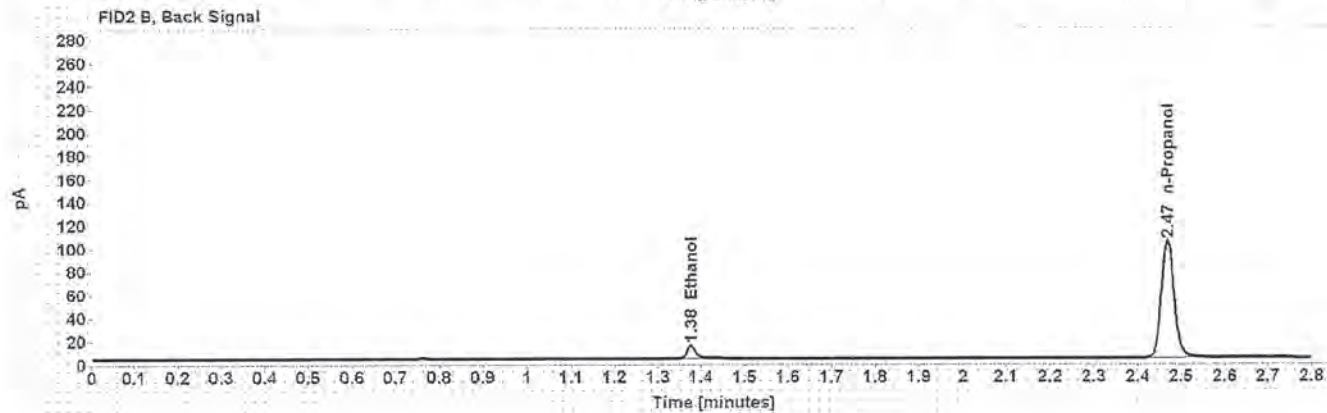
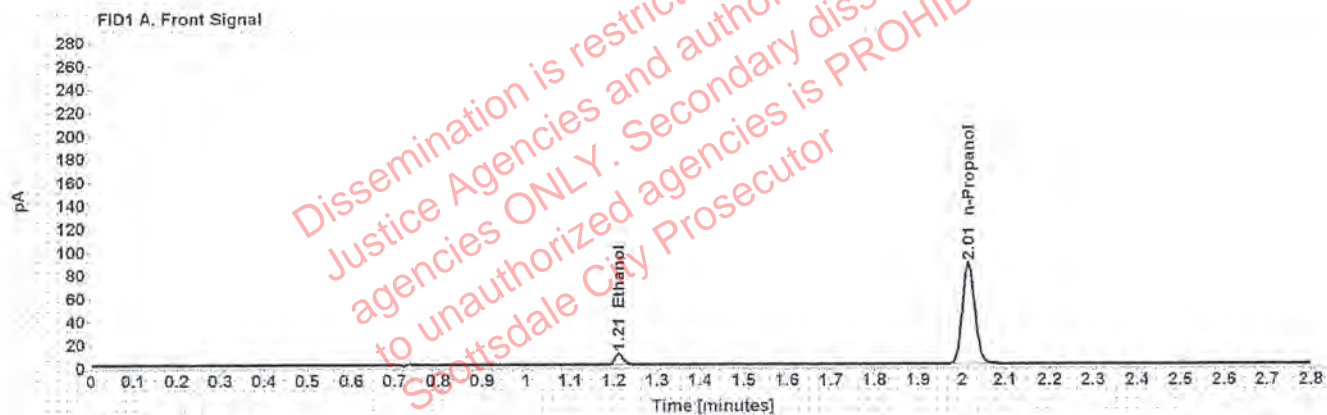


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.142
n-Propanol	2.014	174.990

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

Compound	Time (min)	Peak Area
Ethanol	1.377	14.651
n-Propanol	2.468	208.234

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 26Aug19
Method: ethanol quant.M	Injection date: 8/26/2019 4:25:37 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki <i>AK</i>
Data file: C:\Chem32\1\Data\26Aug19\2.D	

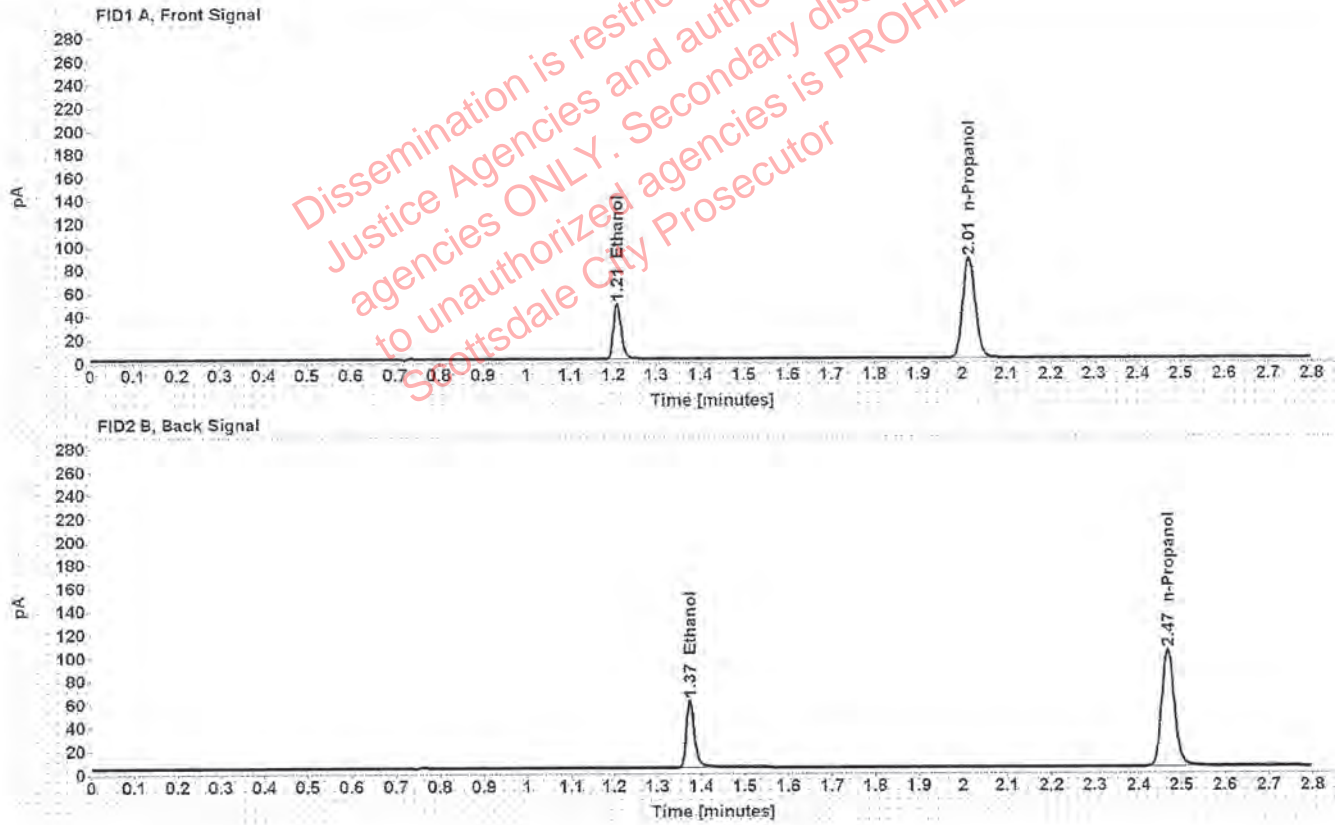


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.209
n-Propanol	2.014	173.197

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.720
n-Propanol	2.468	207.280

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 26Aug19
Method: ethanol quant.M	Injection date: 8/26/2019 4:29:37 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki K
Data file: C:\Chem3211\Data\26Aug19\3.D	

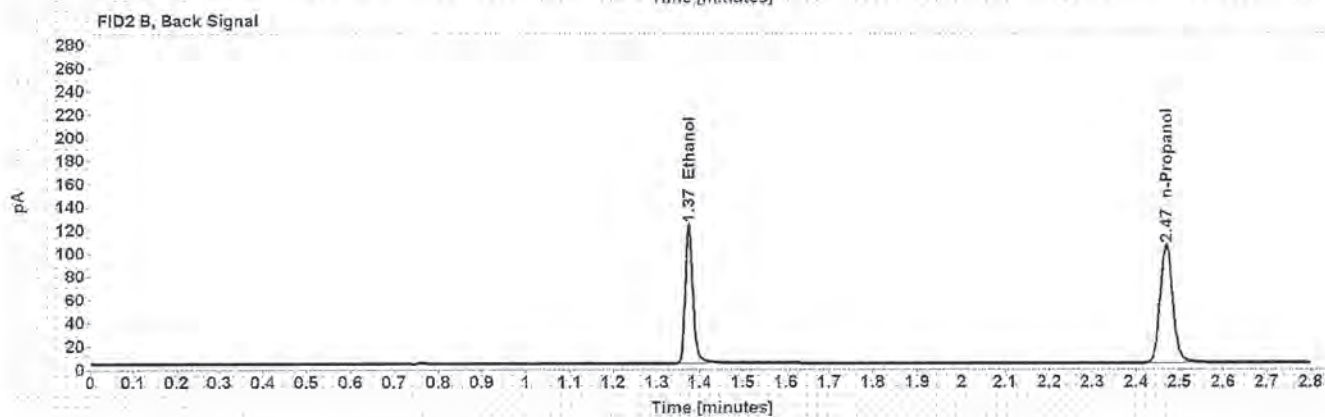
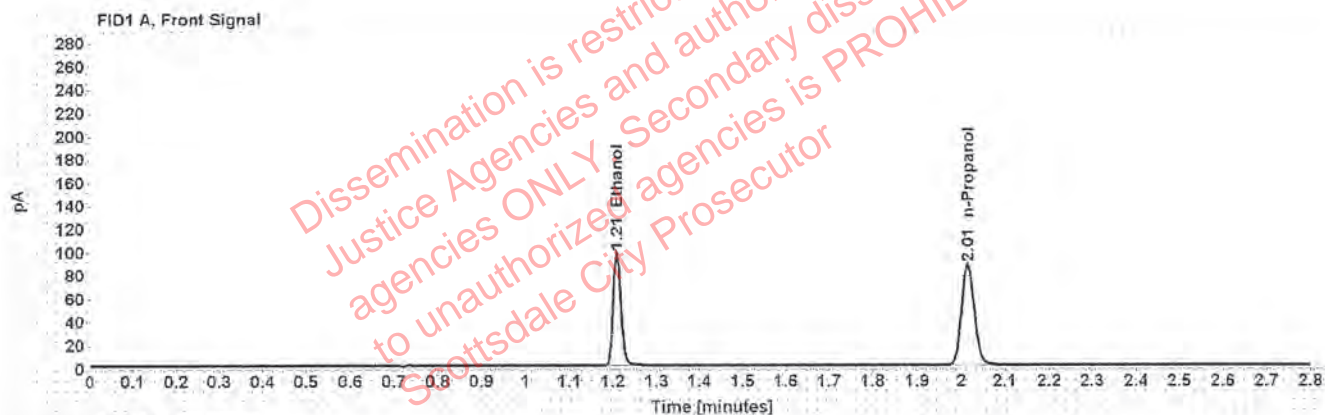


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	124.813
n-Propanol	2.015	174.435

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

Compound	Time (min)	Peak Area
Ethanol	1.375	152.925
n-Propanol	2.469	208.712

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 26Aug19
Method: ethanol quant.M	Injection date: 8/26/2019 4:33:36 PM
Instrument: US14173023 CN14160045	Analyst: Kosecki AK
Data file: C:\Chem32\1\Data\26Aug19\4.D	

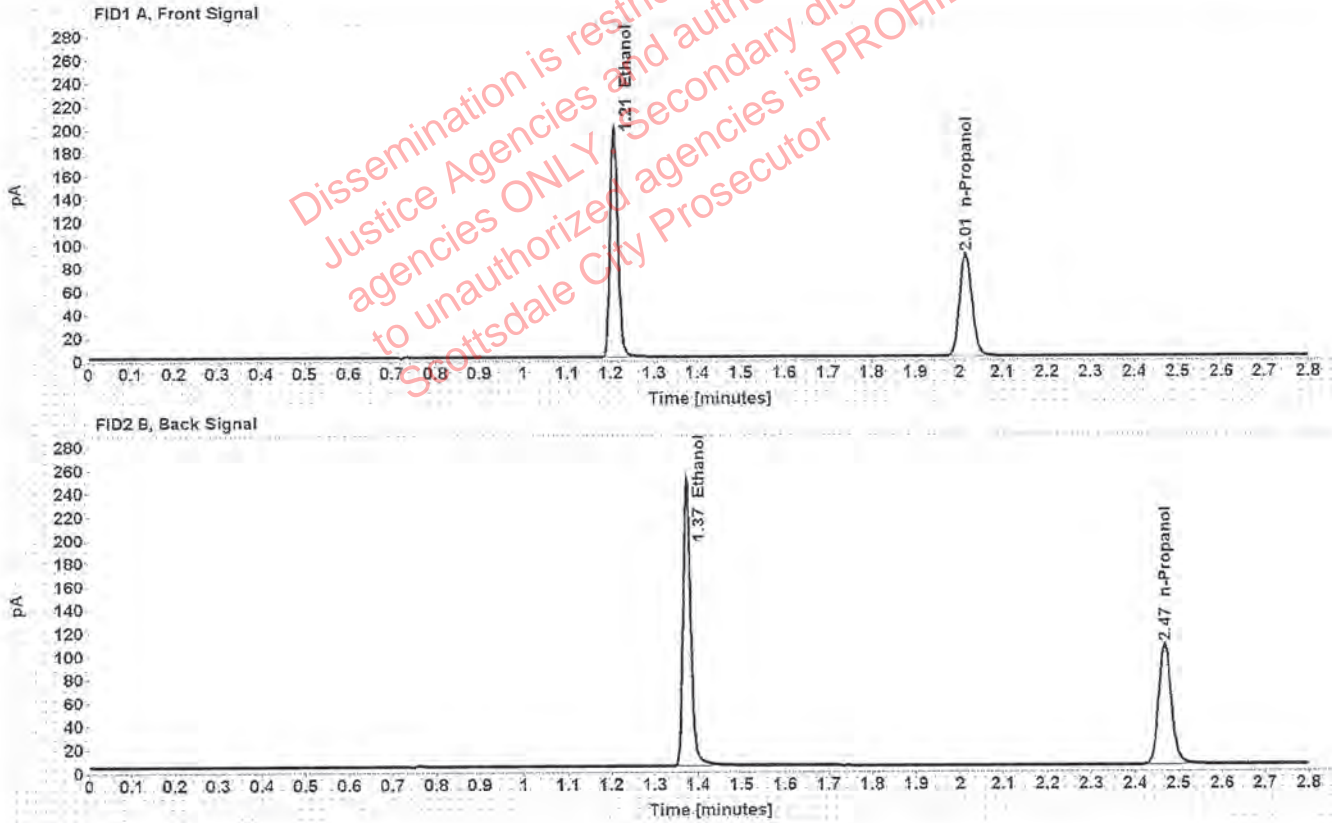


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	253.981
n-Propanol	2.014	177.322

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

Compound	Time (min)	Peak Area
Ethanol	1.374	312.838
n-Propanol	2.468	212.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	061219	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 4:37:36 PM
Data file:	C:\Chem32\1\Data\26Aug19\5.D	Analyst:	Kosecki AK

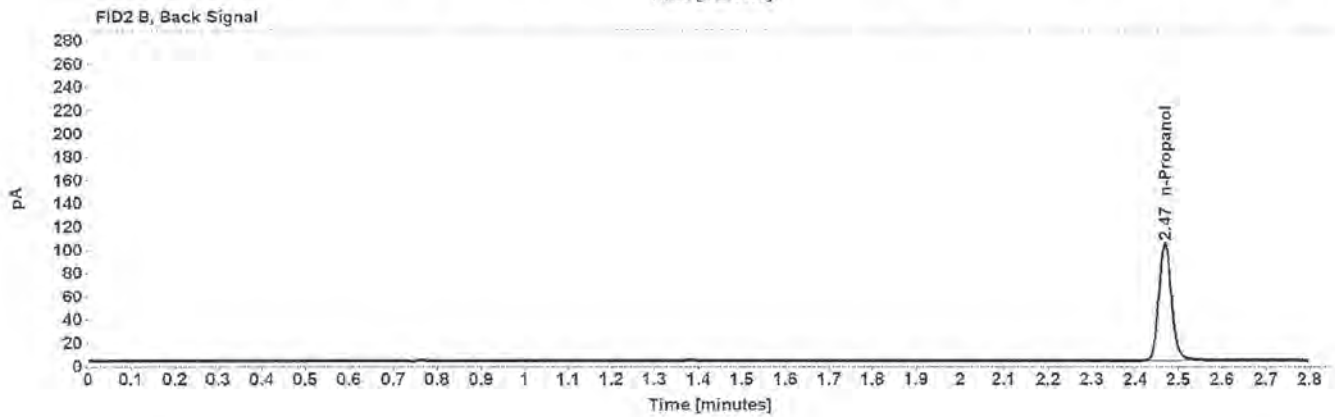


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	174.576

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	208.879

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 4:41:35 PM
Data file: C:\Chem32\1\Data\26Aug19\6.D	Analyst: Kosecki <i>AK</i>

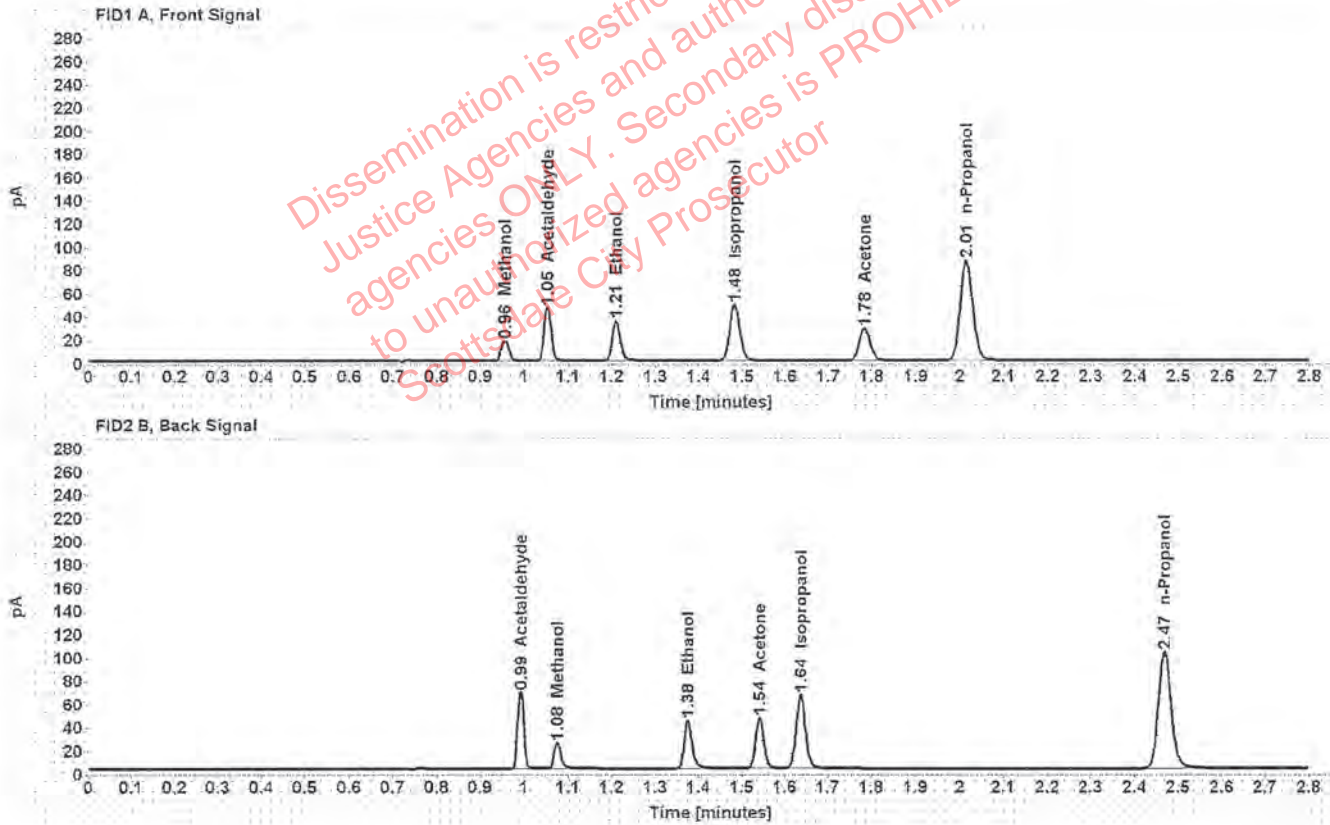


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.569
Acetaldehyde	-----	1.054	51.055
>Ethanol	0.0726	1.210	44.333
Isopropanol	-----	1.483	77.970
Acetone	-----	1.783	48.467
n-Propanol	-----	2.015	172.494

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	65.869
Methanol	1.077	24.945
Ethanol	1.376	53.868
Acetone	1.542	58.449
Isopropanol	1.637	98.134
n-Propanol	2.469	207.040

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 4:45:51 PM
Data file: C:\Chem32\1\Data\26Aug19\7.D	Analyst: Kosecki <i>AK</i>

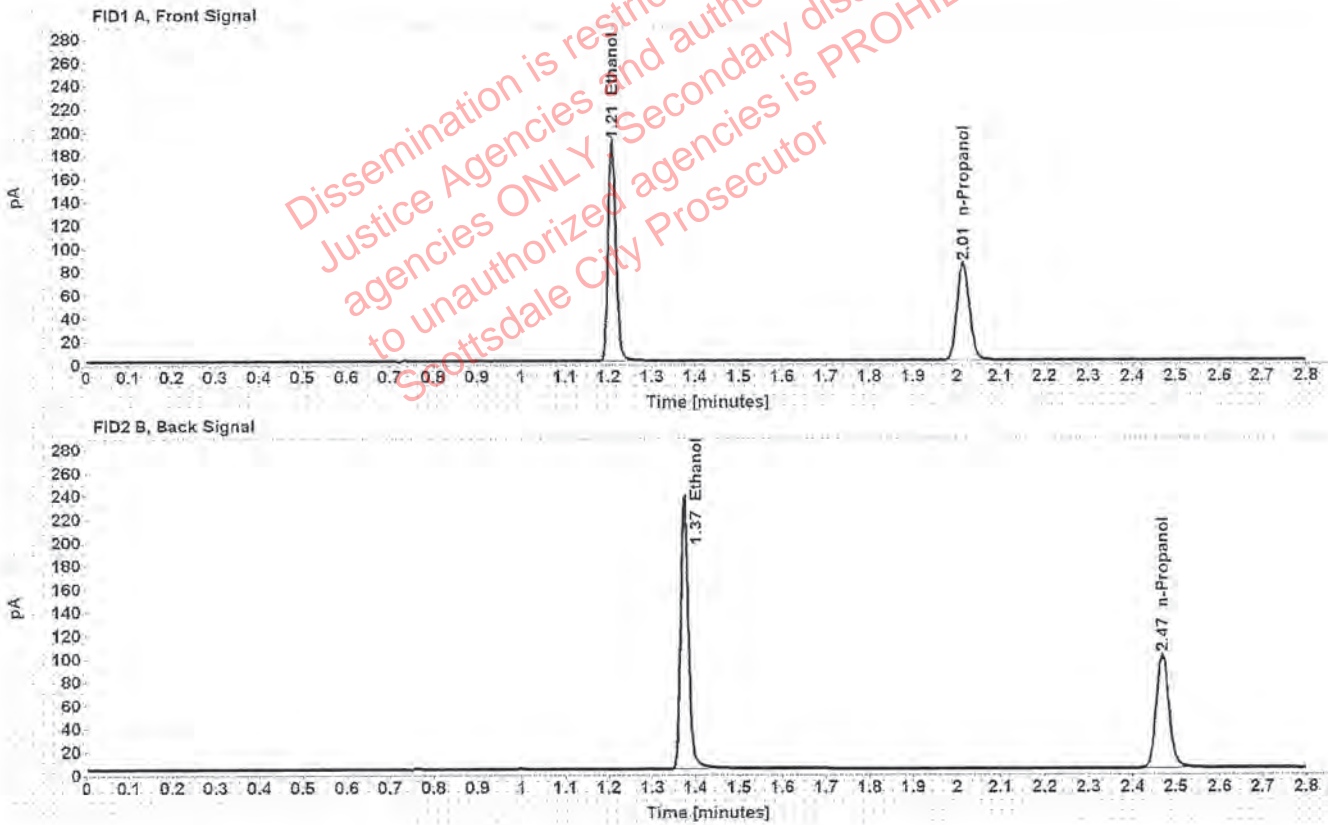


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.208	242.193
n-Propanol	-----	2.015	167.948

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

Compound	Time (min)	Peak Area
Ethanol	1.374	298.161
n-Propanol	2.469	201.127

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	09022015-A	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 4:49:50 PM
Data file:	C:\Chem32\1\Data\26Aug19\8.D	Analyst:	Kosecki K

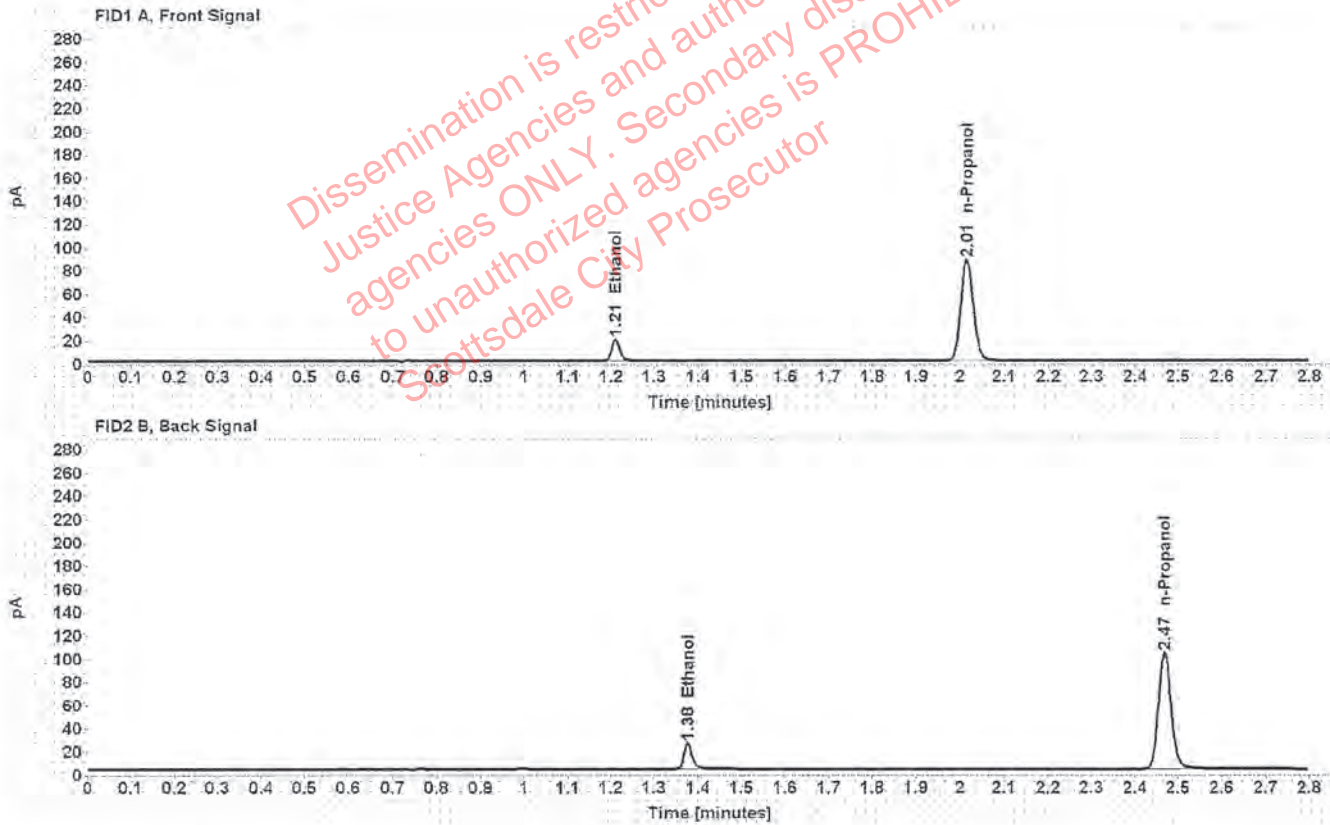


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.211	24.323
n-Propanol	-----	2.015	173.943

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.371
n-Propanol	2.469	207.662

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 4:53:52 PM
Data file: C:\Chem32\1\Data\26Aug19\9.D	Analyst: Kosecki AK

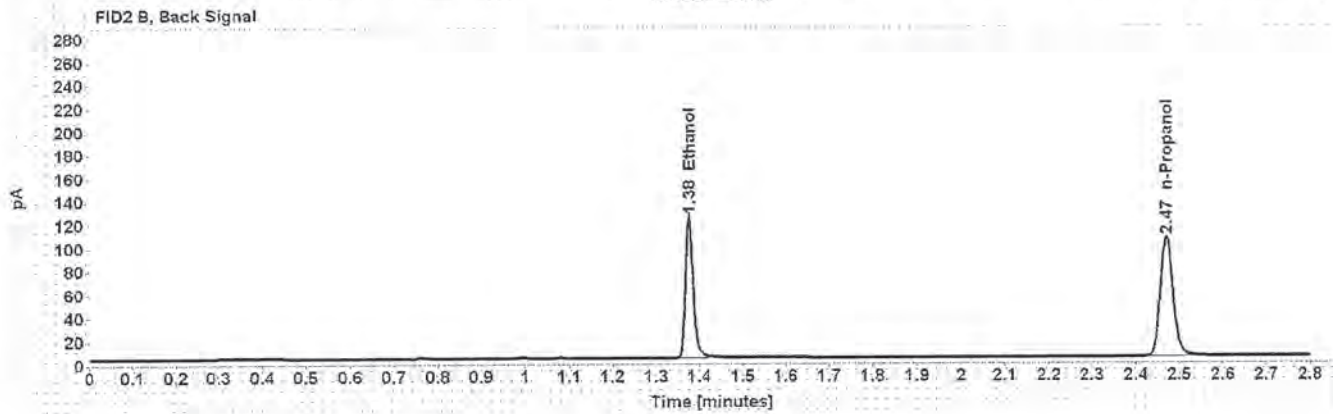
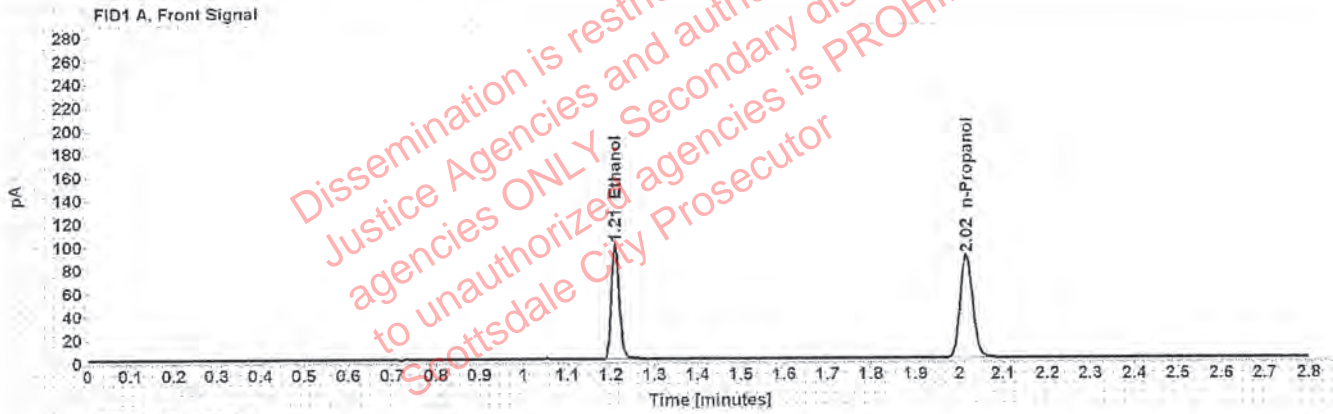


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	127.263
n-Propanol	-----	2.016	177.561

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

Compound	Time (min)	Peak Area
Ethanol	1.376	155.834
n-Propanol	2.470	212.323

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 5:38:21 PM
Data file: C:\Chem32\1\Data\26Aug19\20.D	Analyst: Kosecki <i>K</i>

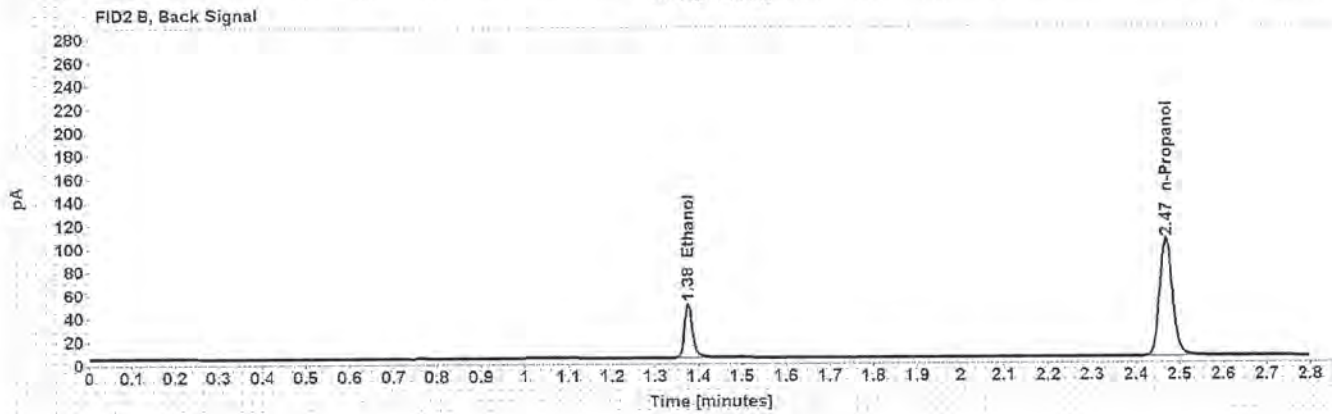
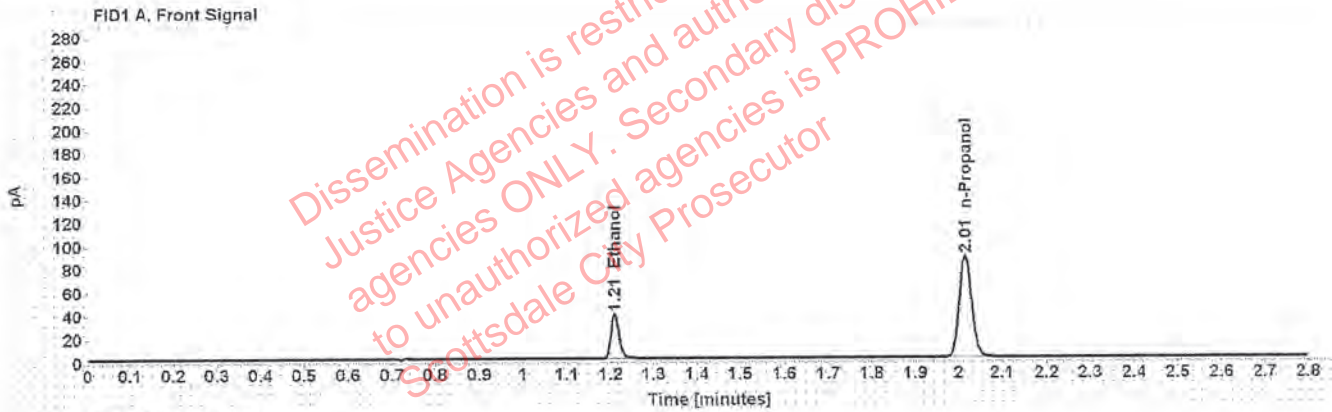


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.210	49.594
n-Propanol	-----	2.015	174.858

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.507
n-Propanol	2.469	208.627

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 31
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 6:22:51 PM
Data file: C:\Chem32\1\Data\26Aug19\31.D	Analyst: Kosecki R

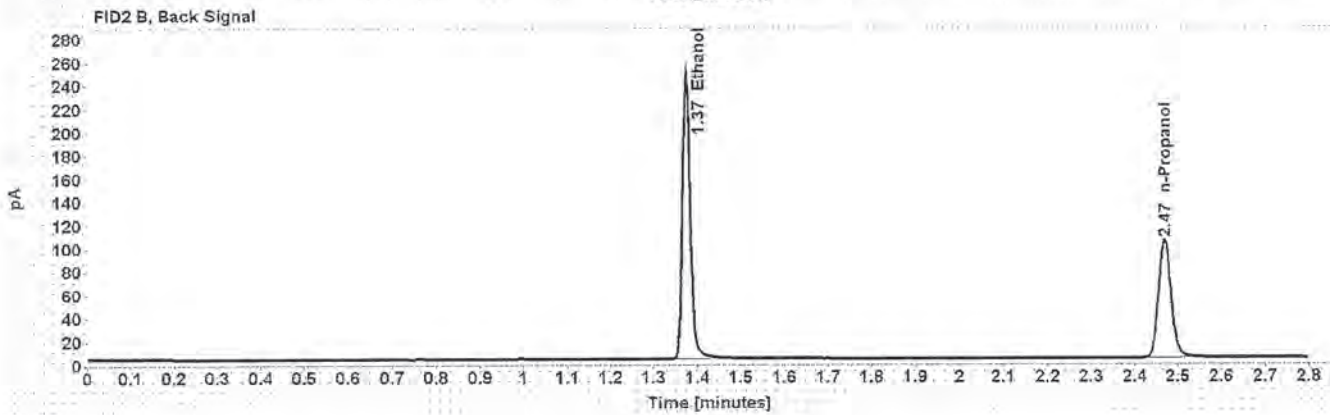
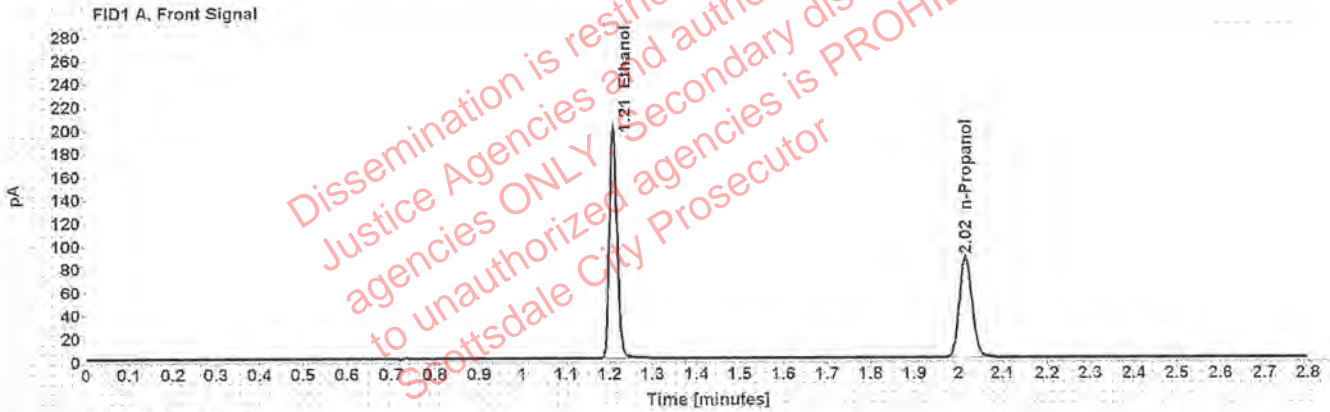


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4077	1.209	254.928
n-Propanol	-----	2.015	174.608

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

Compound	Time (min)	Peak Area
Ethanol	1.375	313.492
n-Propanol	2.469	209.376

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 09022015-A	Vial: 32
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 6:26:53 PM
Data file: C:\Chem32\1\Data\26Aug19\32.D	Analyst: Kosecki AK

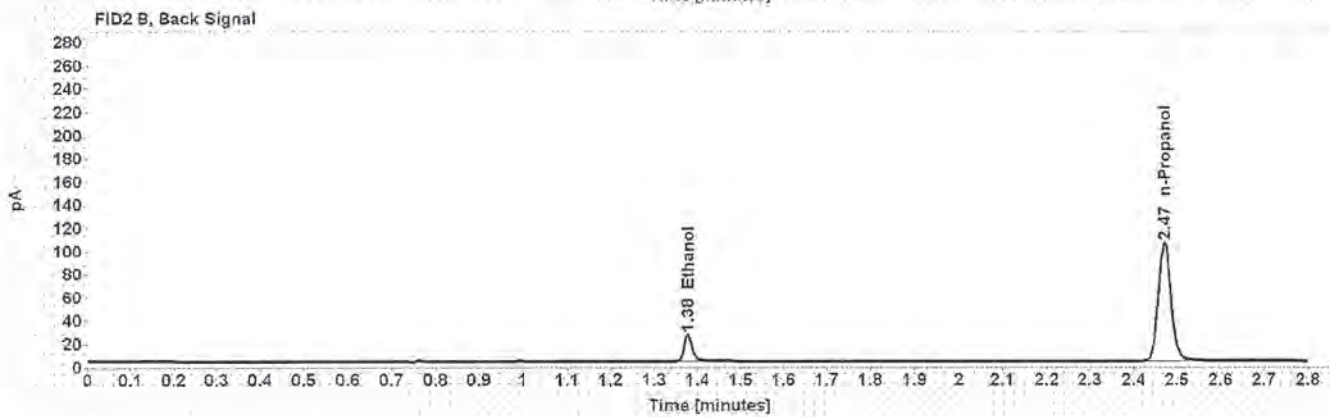
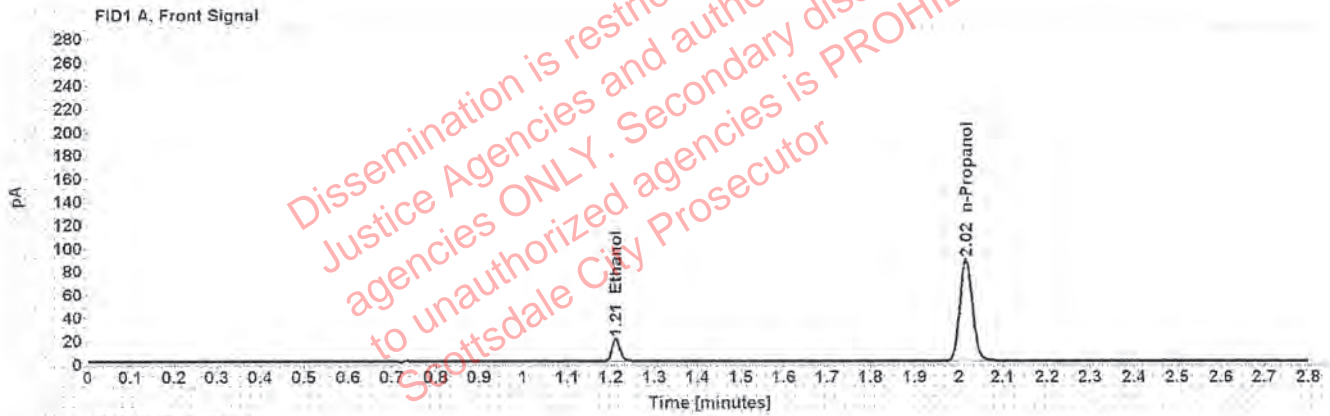


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0404	1.211	24.968
n-Propanol	-----	2.016	176.559

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

Compound	Time (min)	Peak Area
Ethanol	1.377	30.283
n-Propanol	2.470	211.311

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 33
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 6:30:52 PM
Data file: C:\Chem32\1\Data\26Aug19\33.D	Analyst: Kosecki <i>AK</i>

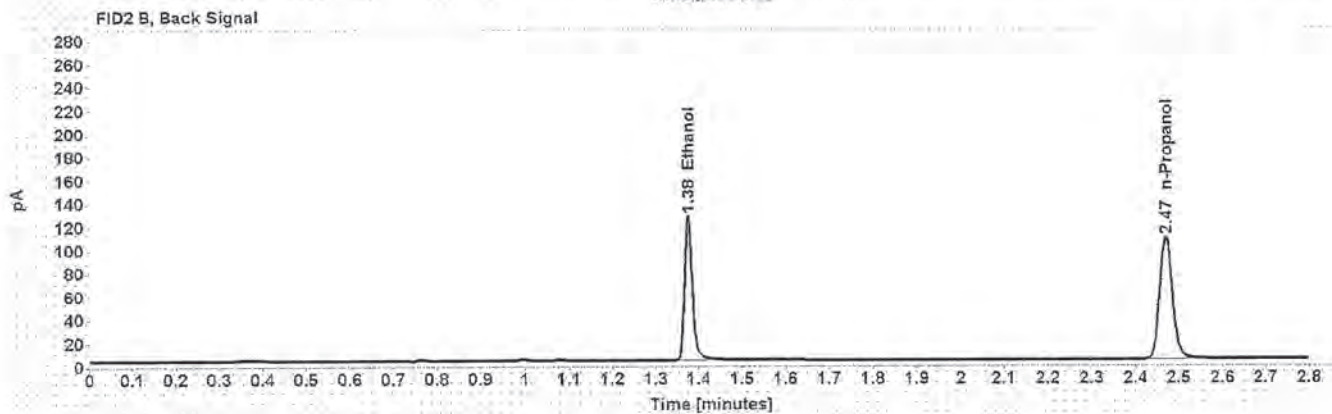
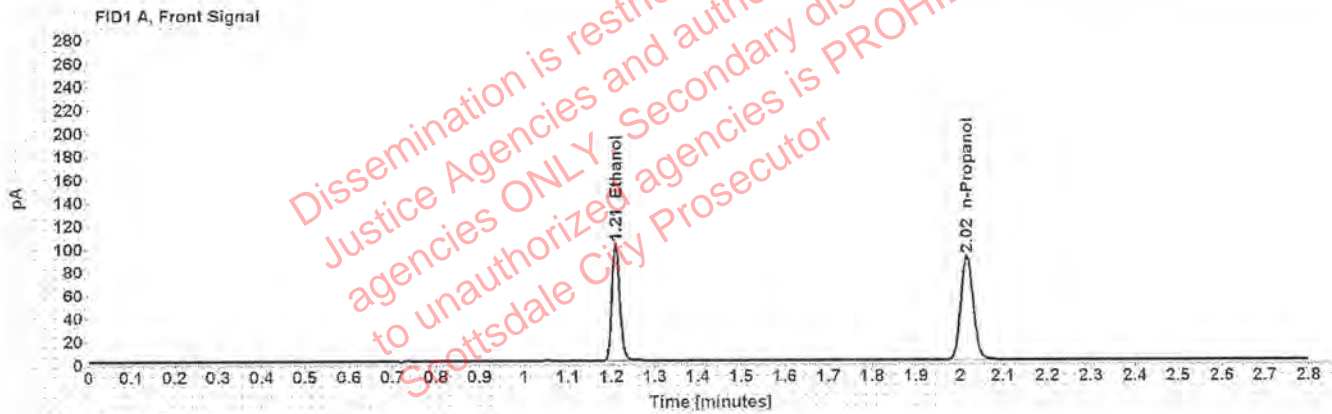


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2009	1.209	130.064
n-Propanol	-----	2.015	181.240

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

Compound	Time (min)	Peak Area
Ethanol	1.376	159.522
n-Propanol	2.470	217.496

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 34
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 6:34:51 PM
Data file: C:\Chem32\1\Data\26Aug19\34.D	Analyst: Kosecki AK

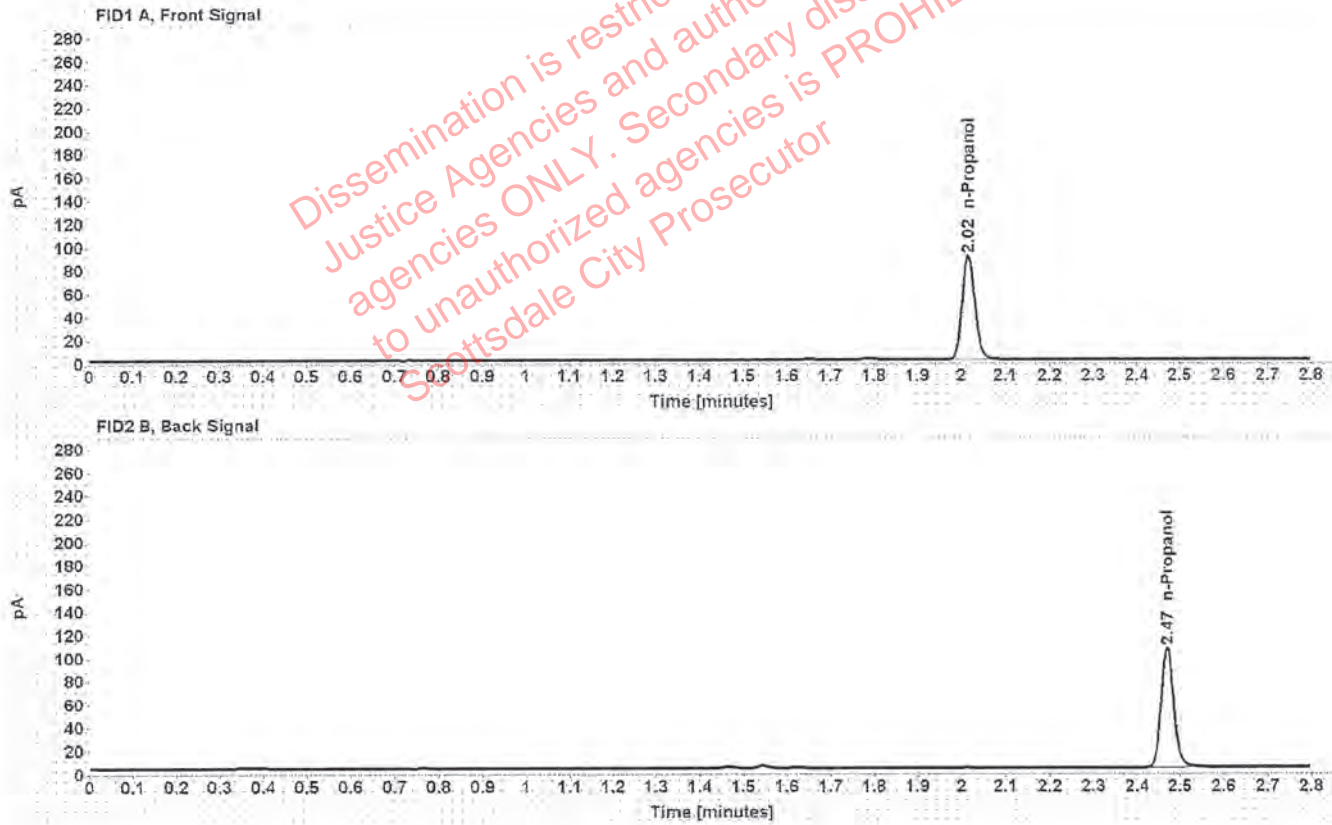


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	178.711

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	213.788

Sequence Summary

Sequence name: 26Aug19 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	34001RC		Sample		ethanol quant.M
11	34001RC		Sample		ethanol quant.M
12	1285437		Sample		ethanol quant.M
13	1285437		Sample		ethanol quant.M
14	1284024		Sample		ethanol quant.M
15	1284024		Sample		ethanol quant.M
16	1285691		Sample		ethanol quant.M
17	1285691		Sample		ethanol quant.M
18	1283027		Sample		ethanol quant.M
19	1283027		Sample		ethanol quant.M
20	03102016-A/1		Control		ethanol quant.M
21	1283920		Sample		ethanol quant.M
22	1283920		Sample		ethanol quant.M
23	1285728		Sample		ethanol quant.M
24	1285728		Sample		ethanol quant.M
25	1285687		Sample		ethanol quant.M
26	1285687		Sample		ethanol quant.M
27	1283078		Sample		ethanol quant.M
28	1283078		Sample		ethanol quant.M
29	36001JB		Sample		ethanol quant.M
30	36001JB		Sample		ethanol quant.M
31	08012015-C	0.400	Control		ethanol quant.M
32	09022015-A	0.040	Control		ethanol quant.M
33	407041529/13	0.198	Control		ethanol quant.M
34	040919WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 26Aug19

ANALYST: Kosecki AK

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1388	0.1362	0.13750	0.95	0.00130
12 13	0.2226	0.2239	0.22325	0.29	0.00065
14 15	0.0580	0.0570	0.05750	0.87	0.00050
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.1204	0.1169	0.11865	1.47	0.00175
21 22	0.2687	0.2717	0.27020	0.56	0.00150
23 24	0.2418	0.2403	0.24105	0.31	0.00075
25 26	0.1291	0.1288	0.12895	0.12	0.00015
27 28	0.1063	0.1075	0.10690	0.56	0.00060
29 30	0.1090	0.1103	0.10965	0.59	0.00065

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

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Case: [REDACTED] User: pkosecki 8/27/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RC	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 4:57:52 PM
Data file:	C:\Chem32\1\Data\26Aug19\10.D	Analyst:	Kosecki

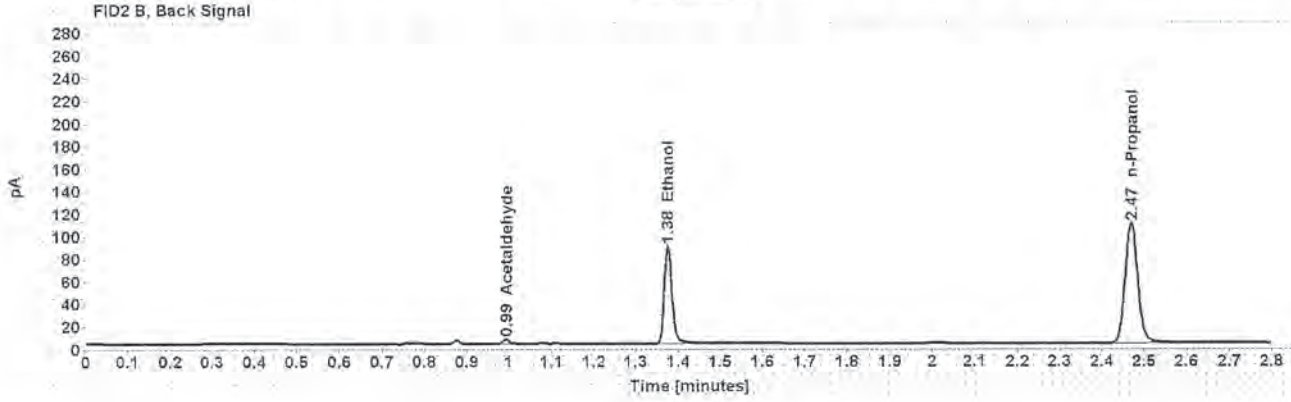
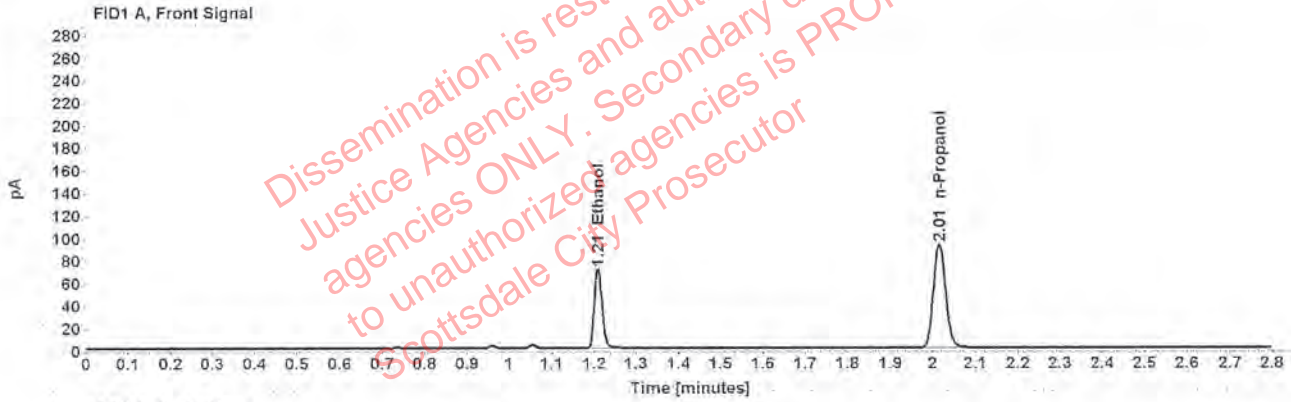


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1388	1.209	91.116
n-Propanol	-----	2.015	184.225

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.833
Ethanol	1.375	110.591
n-Propanol	2.469	220.685

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001RC	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:01:51 PM
Data file:	C:\Chem32\11\Data\26Aug19\11.D	Analyst:	Kosecki

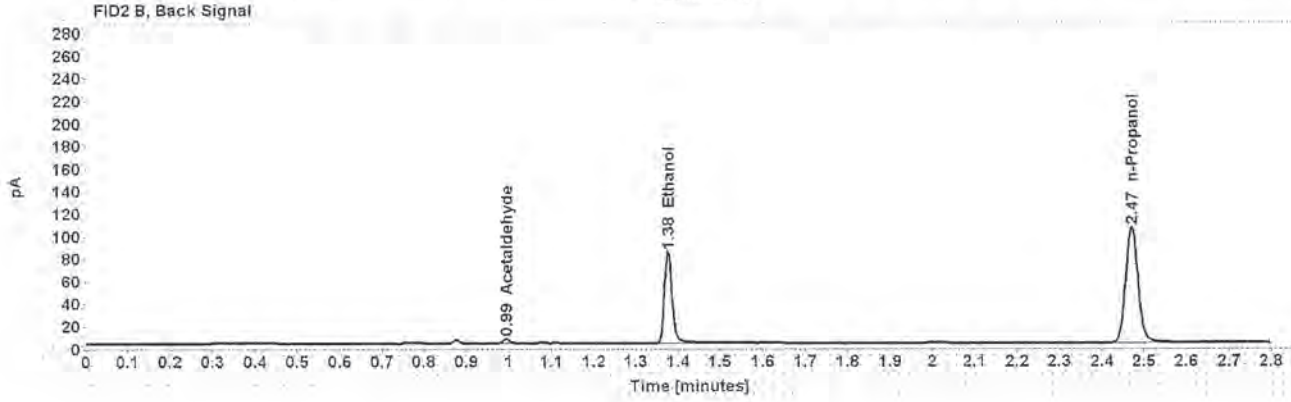
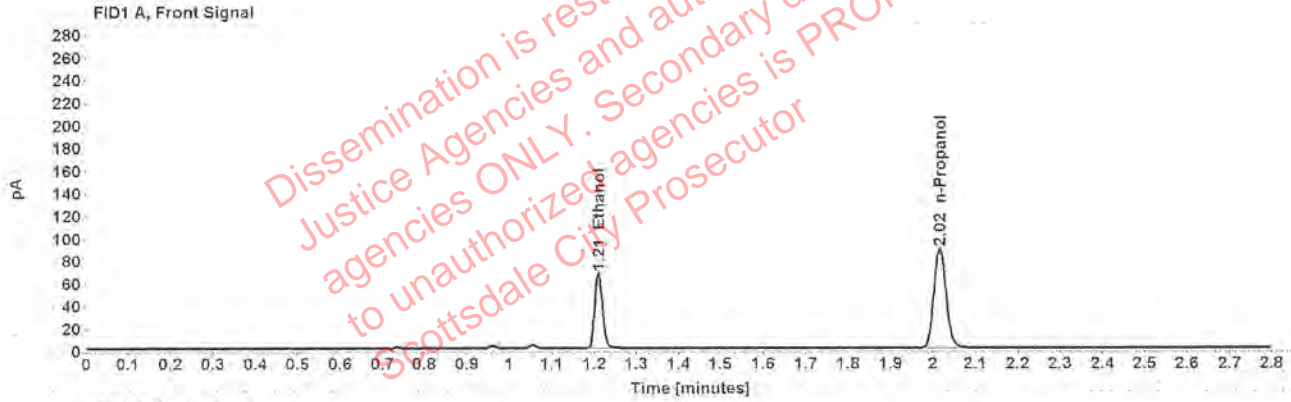


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1362	1.210	86.044
n-Propanol	-----	2.015	177.203

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.860
Ethanol	1.376	106.138
n-Propanol	2.470	212.207

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285437	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:05:51 PM
Data file:	C:\Chem32\1\Data\26Aug19\12.D	Analyst:	Kosecki

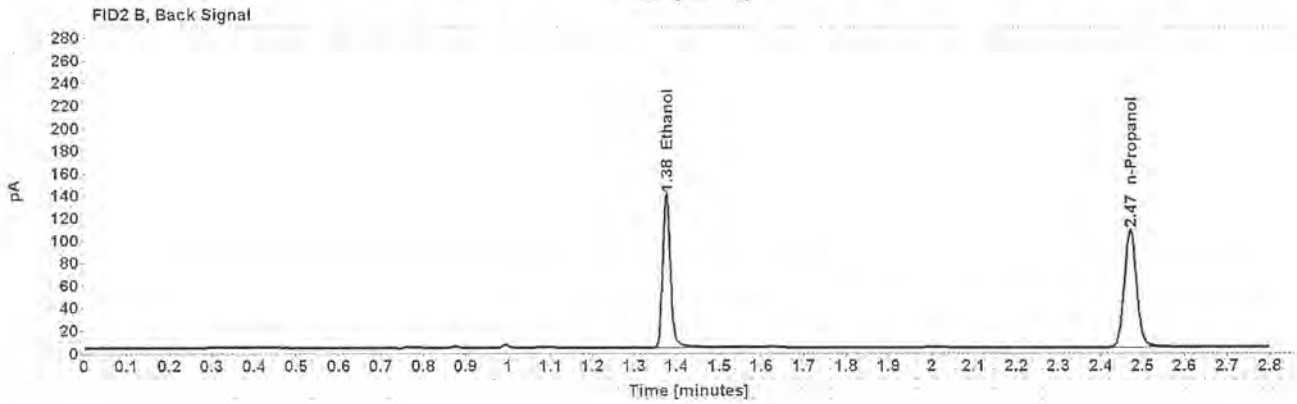
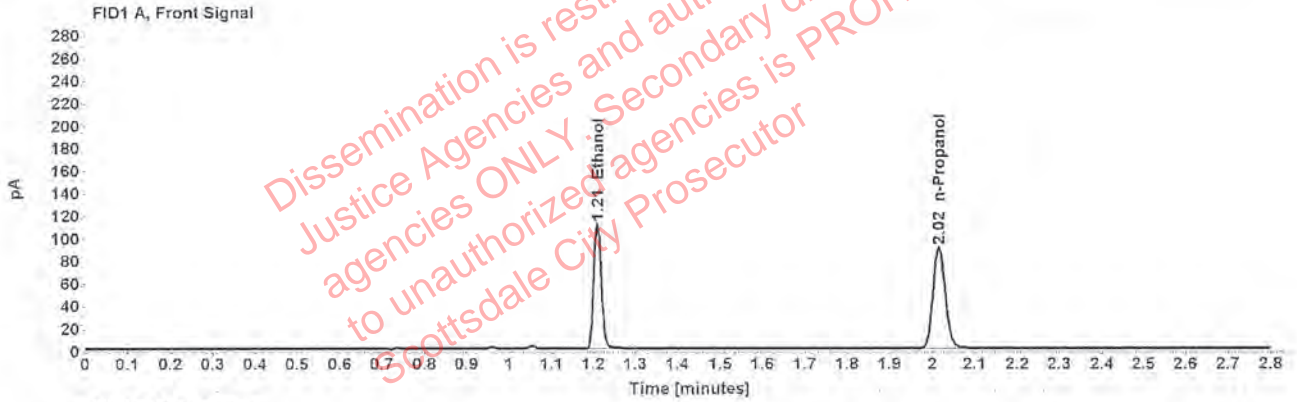


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2226	1.209	142.472
n-Propanol	-----	2.015	179.105

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

Compound	Time (min)	Peak Area
Ethanol	1.375	175.729
n-Propanol	2.470	214.926

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285437	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:10:07 PM
Data file:	C:\Chem32\1\Data\26Aug19\13.D	Analyst:	Kosecki

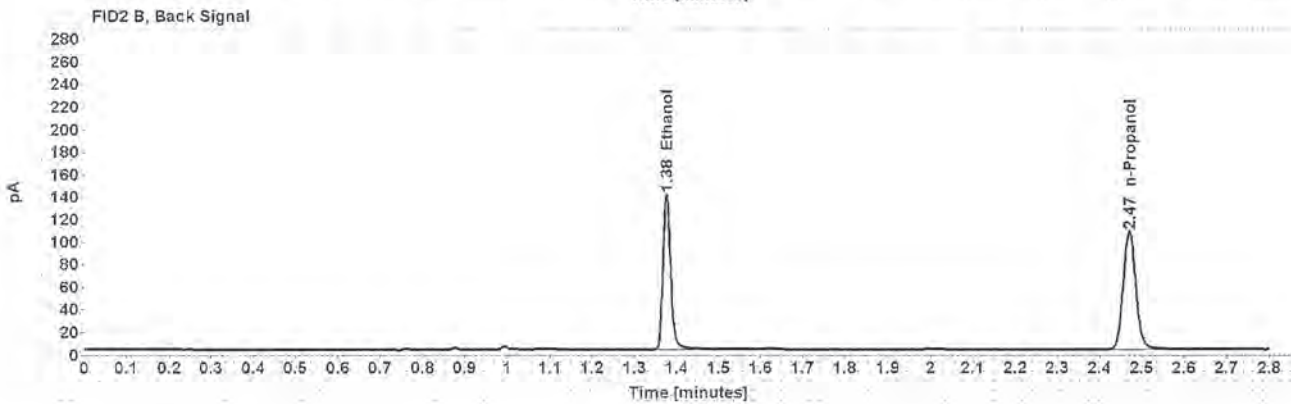
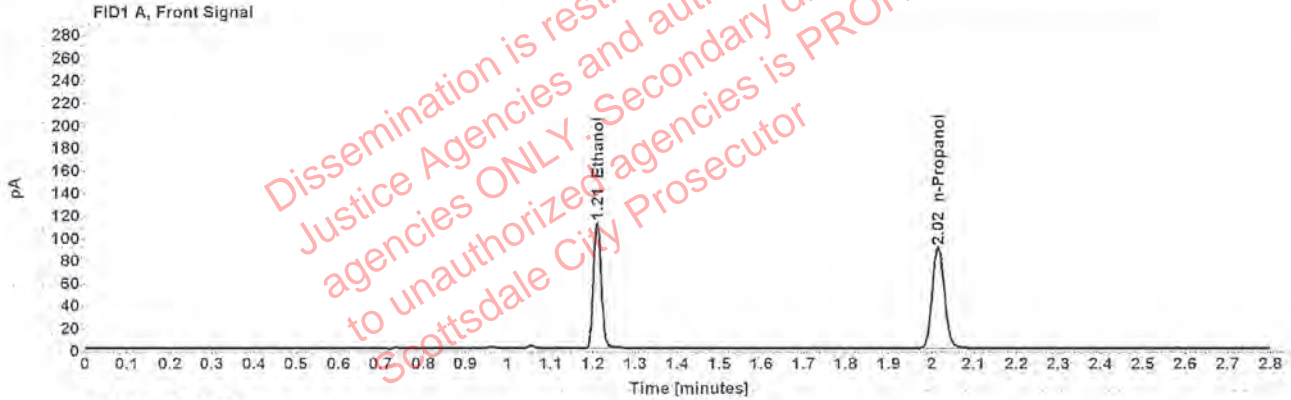


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2239	1.209	143.861
n-Propanol	-----	2.015	179.752

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

Compound	Time (min)	Peak Area
Ethanol	1.376	177.384
n-Propanol	2.470	215.296

Case: [REDACTED] User: pkosecki 8/27/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284024	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:14:06 PM
Data file:	C:\Chem32\1\Data\26Aug19\14.D	Analyst:	Kosecki

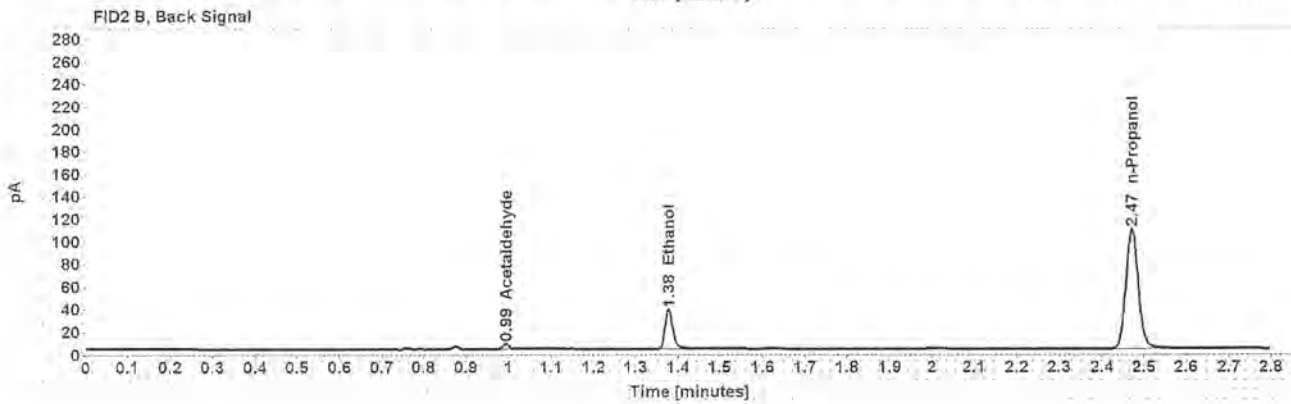
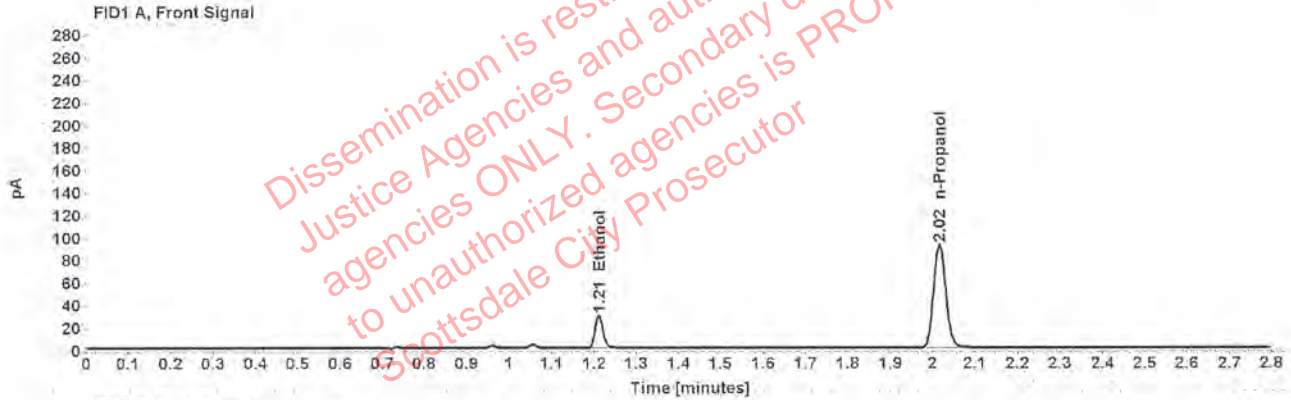


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0580	1.211	37.421
n-Propanol	-----	2.016	182.828

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.338
Ethanol	1.377	45.982
n-Propanol	2.470	218.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1284024	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:18:07 PM
Data file:	C:\Chem32\1\Data\26Aug19\15.D	Analyst:	Kosecki

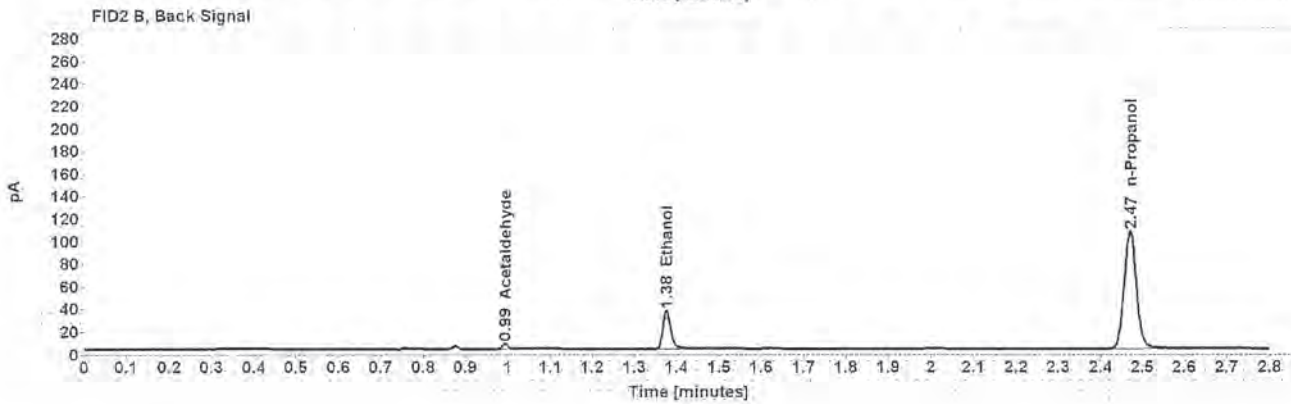
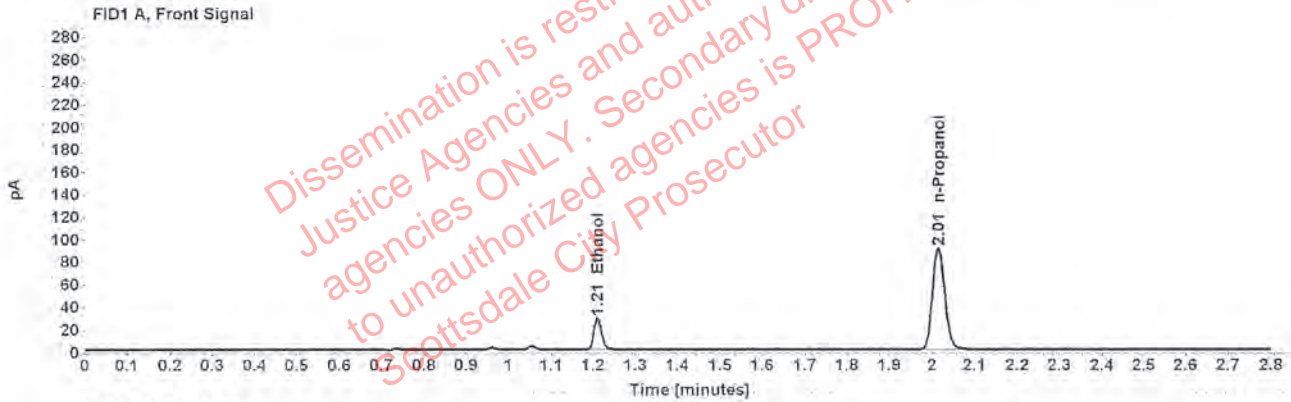


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0570	1.210	36.083
n-Propanol	-----	2.015	179.540

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.398
Ethanol	1.376	44.449
n-Propanol	2.469	214.155

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285691	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:22:07 PM
Data file:	C:\Chem32\1\Data\26Aug19\16.D	Analyst:	Kosecki

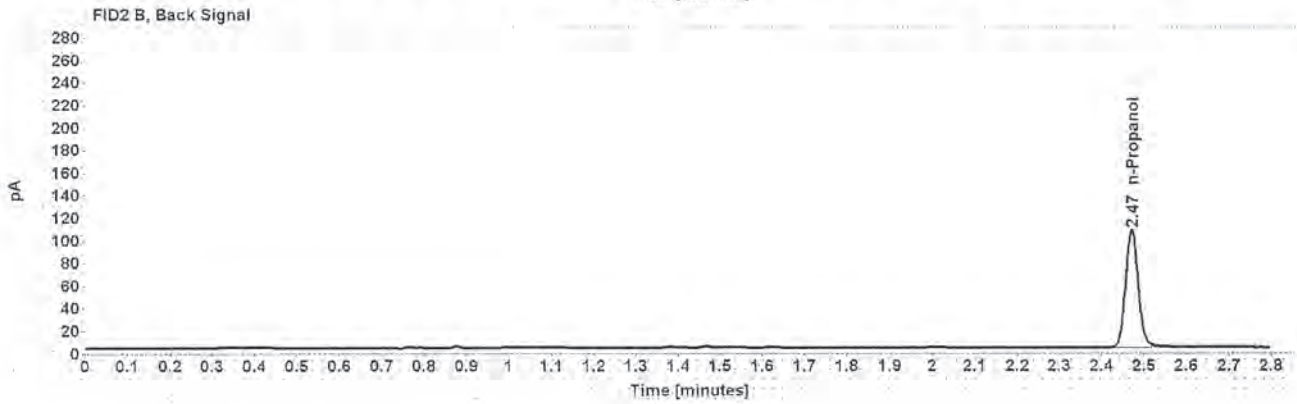


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	180.160

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

Compound	Time (min)	Peak Area
n-Propanol	2.471	215.515

Case: [REDACTED] User: pkosecki 8/27/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285691	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:26:06 PM
Data file:	C:\Chem32\1\Data\26Aug19\17.D	Analyst:	Kosecki

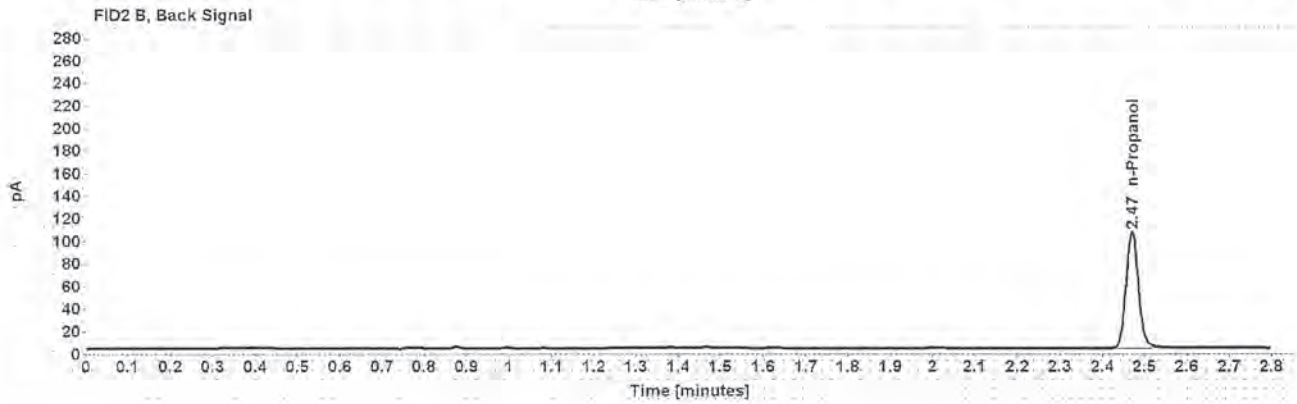


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	178.328

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	213.817

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1283027	Vial: 18
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 26Aug19
Instrument: US14173023 CN14160045	Injection date: 8/26/2019 5:30:06 PM
Data file: C:\Chem32\1\Data\26Aug19\18.D	Analyst: Kosecki

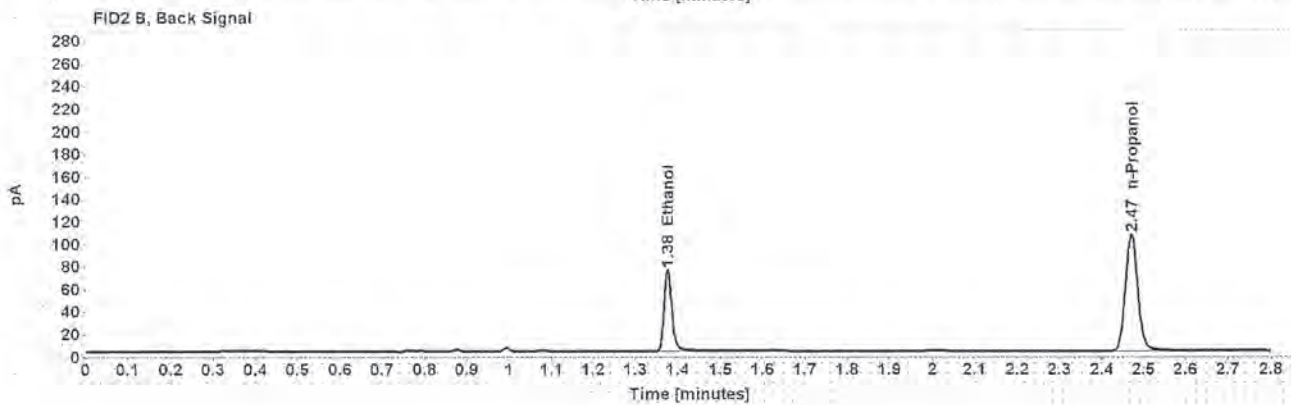
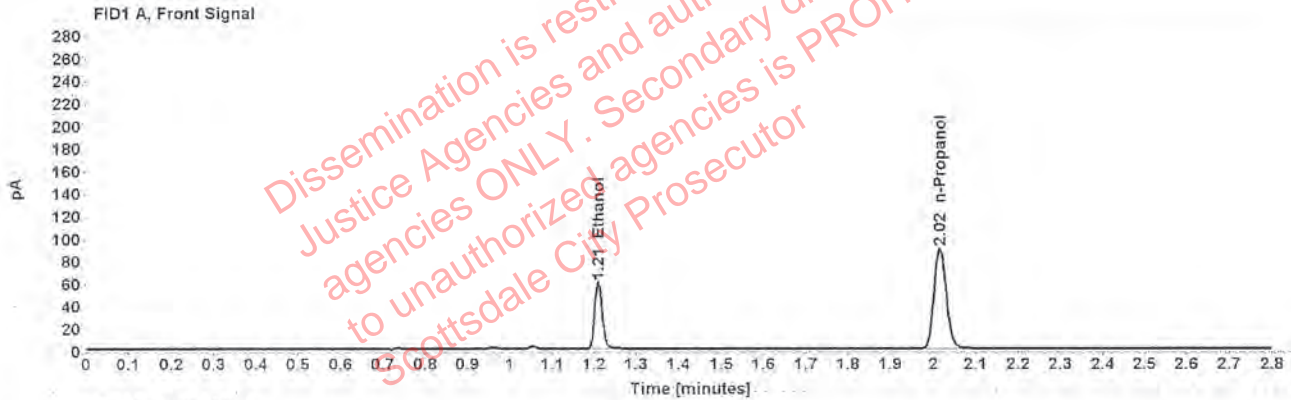


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1204	1.210	76.395
n-Propanol	-----	2.015	178.229

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

Compound	Time (min)	Peak Area
Ethanol	1.376	92.922
n-Propanol	2.470	213.867

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283027	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:34:22 PM
Data file:	C:\Chem32\1\Data\26Aug19\19.D	Analyst:	Kosecki

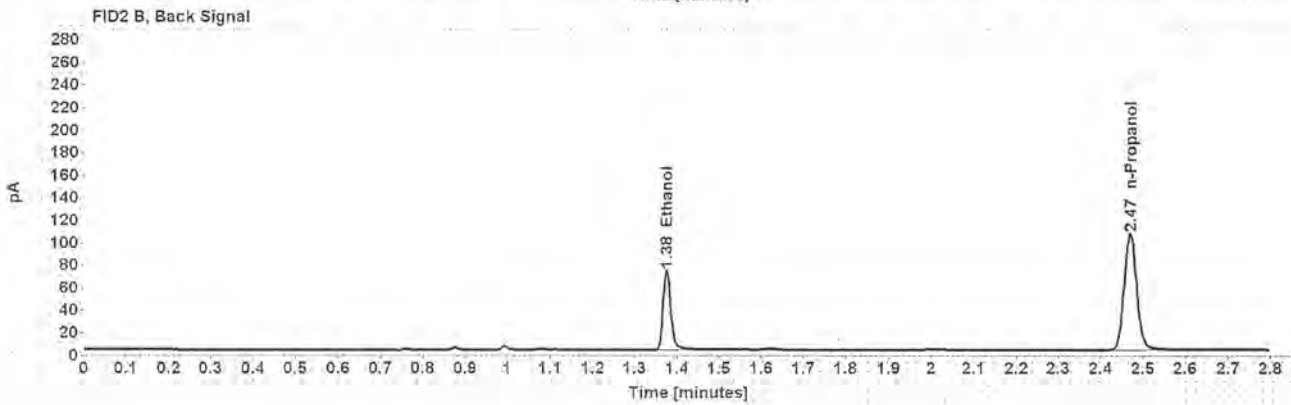
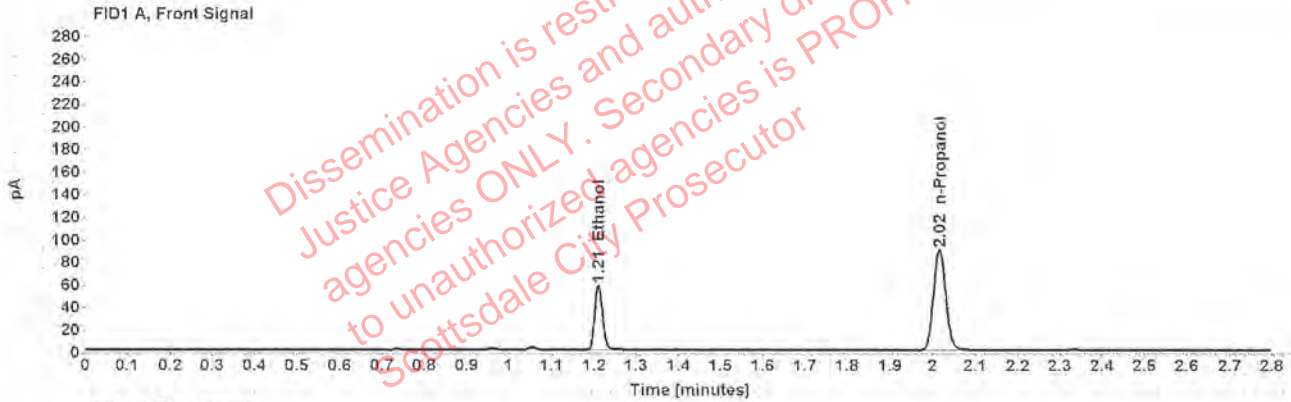


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1169	1.210	74.401
n-Propanol	-----	2.015	178.715

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.363
n-Propanol	2.469	214.284

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283920	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:42:21 PM
Data file:	C:\Chem32\1\Data\26Aug19\21.D	Analyst:	Kosecki

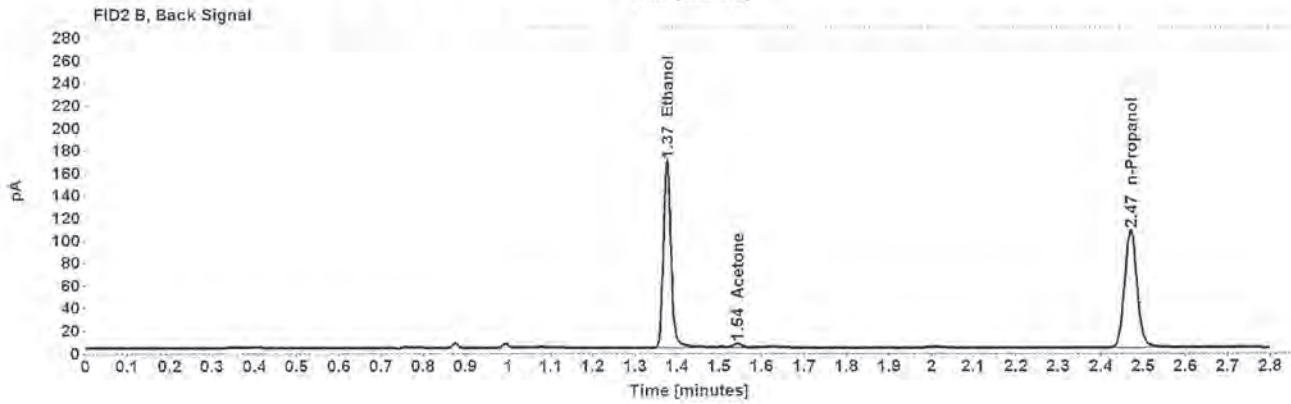
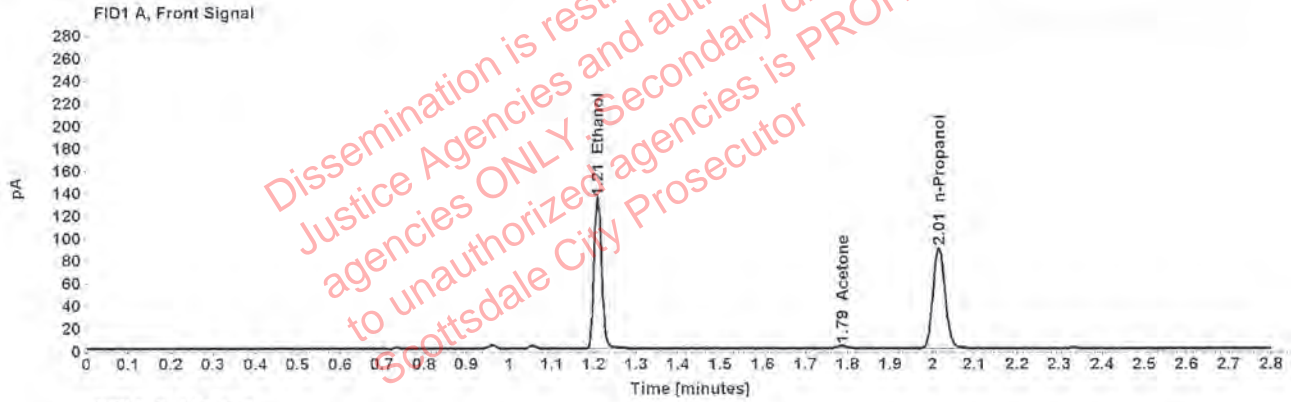


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2687	1.209	171.577
Acetone	-----	1.786	3.854
n-Propanol	-----	2.015	178.502

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

Compound	Time (min)	Peak Area
Ethanol	1.375	211.853
Acetone	1.543	5.404
n-Propanol	2.469	213.849

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283920	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:46:22 PM
Data file:	C:\Chem32\1\Data\26Aug19\22.D	Analyst:	Kosecki

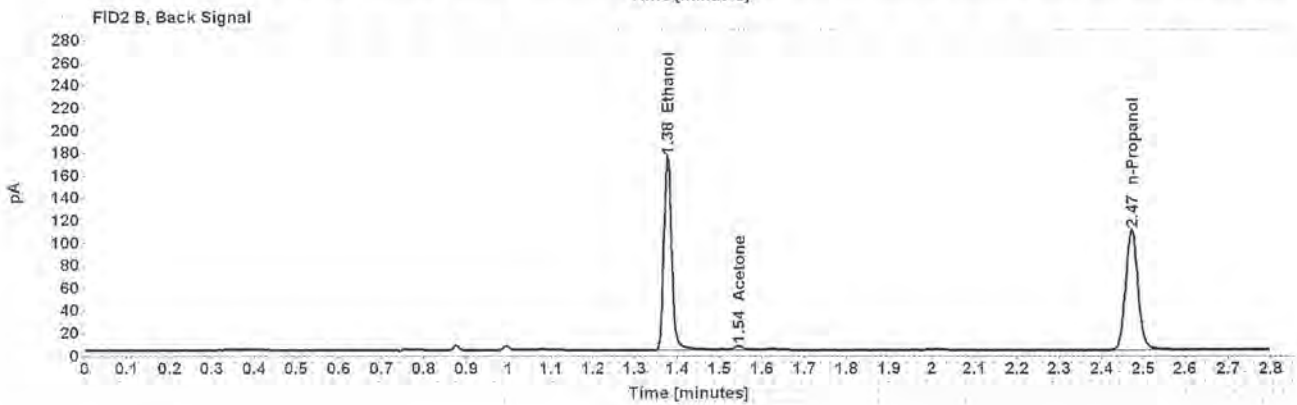
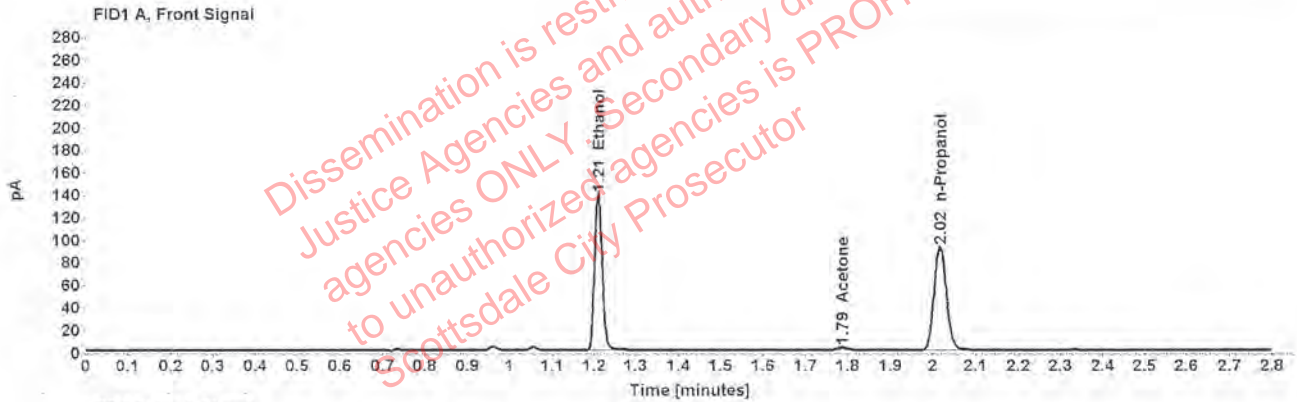


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2717	1.210	178.219
Acetone	-----	1.787	3.807
n-Propanol	-----	2.016	183.389

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

Compound	Time (min)	Peak Area
Ethanol	1.377	220.056
Acetone	1.544	5.274
n-Propanol	2.471	219.479

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285728	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:50:22 PM
Data file:	C:\Chem32\1\Data\26Aug19\23.D	Analyst:	Kosecki

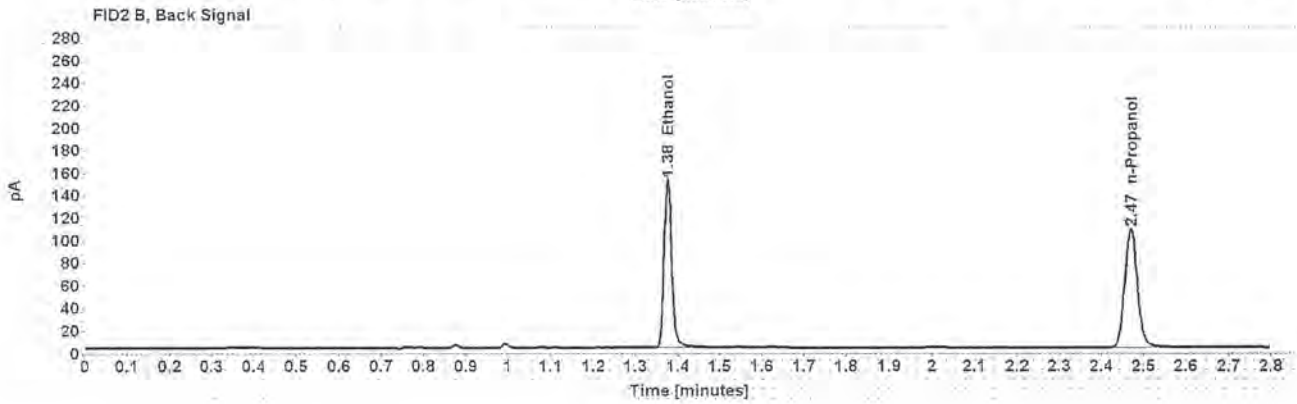
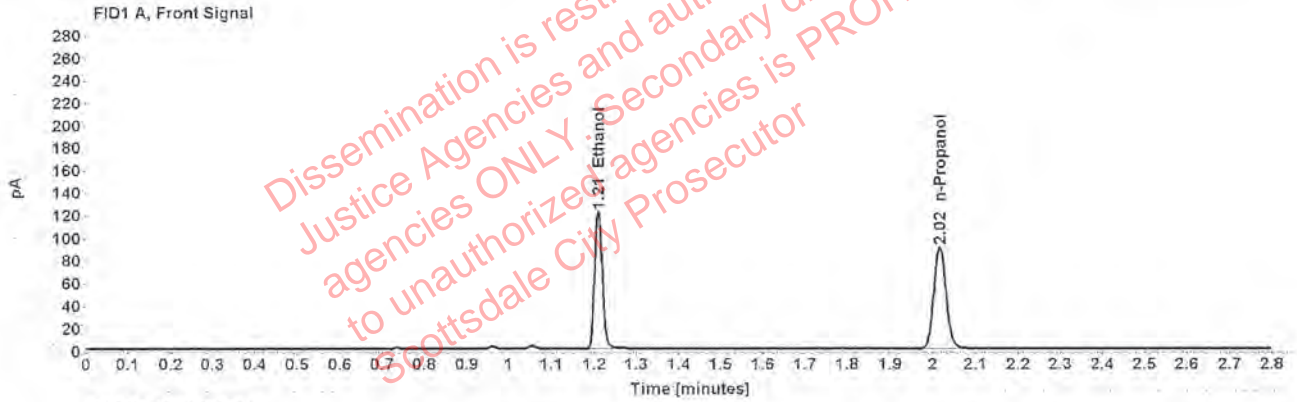


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2418	1.209	155.617
n-Propanol	-----	2.015	180.024

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

Compound	Time (min)	Peak Area
Ethanol	1.375	192.267
n-Propanol	2.470	216.253

Case: [REDACTED] User: pkosecki 8/27/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285728	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:54:21 PM
Data file:	C:\Chem32\1\Data\26Aug19\24.D	Analyst:	Kosecki

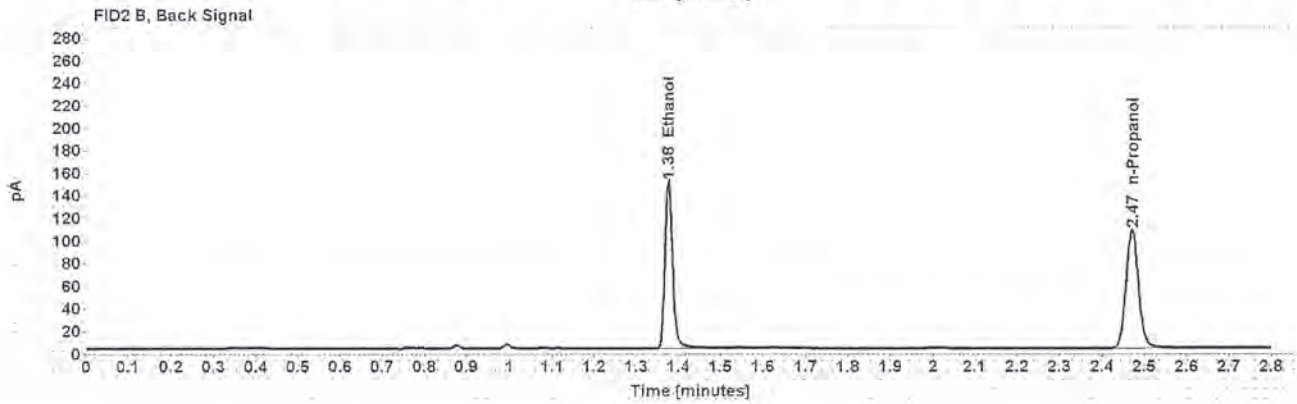
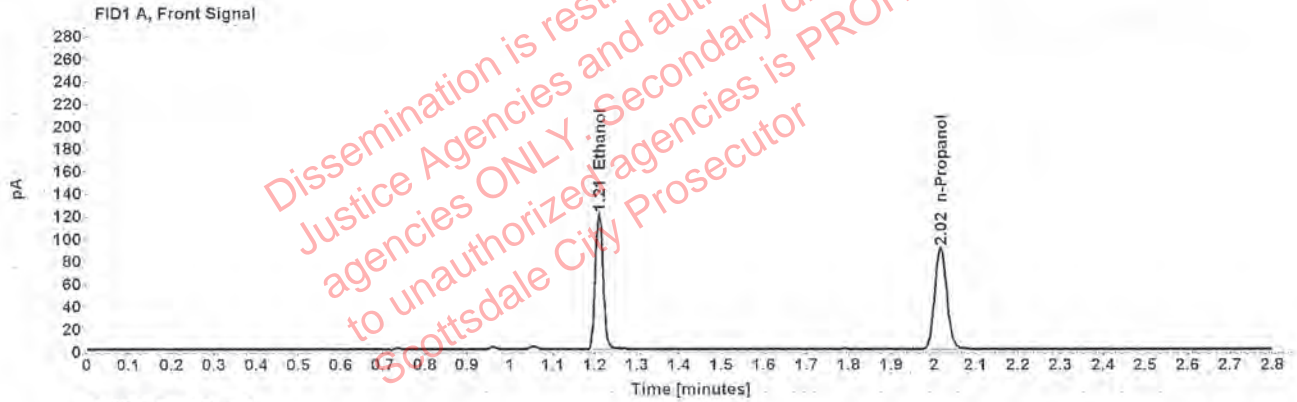


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2403	1.210	154.350
n-Propanol	-----	2.016	179.633

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

Compound	Time (min)	Peak Area
Ethanol	1.376	190.470
n-Propanol	2.470	215.684

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285687	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 5:58:36 PM
Data file:	C:\Chem32\1\Data\26Aug19\25.D	Analyst:	Kosecki

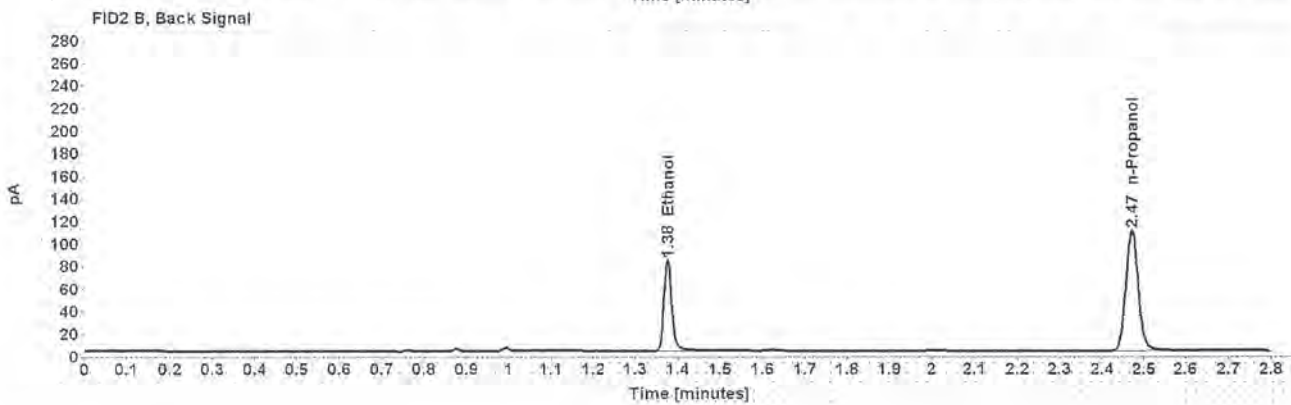
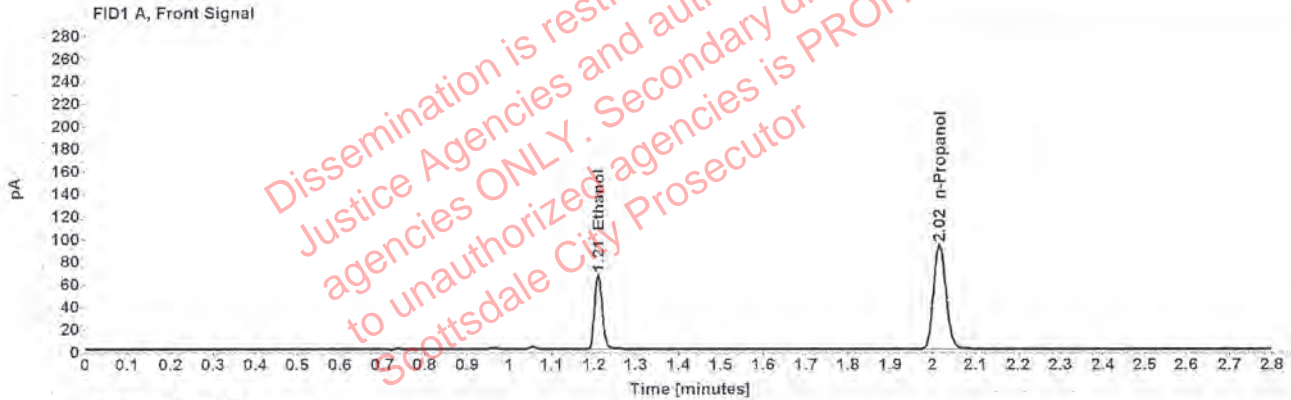


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1291	1.210	84.989
n-Propanol	-----	2.016	184.760

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

Compound	Time (min)	Peak Area
Ethanol	1.376	104.957
n-Propanol	2.470	221.141

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1285687	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 6:02:37 PM
Data file:	C:\Chem32\1\Data\26Aug19\26.D	Analyst:	Kosecki

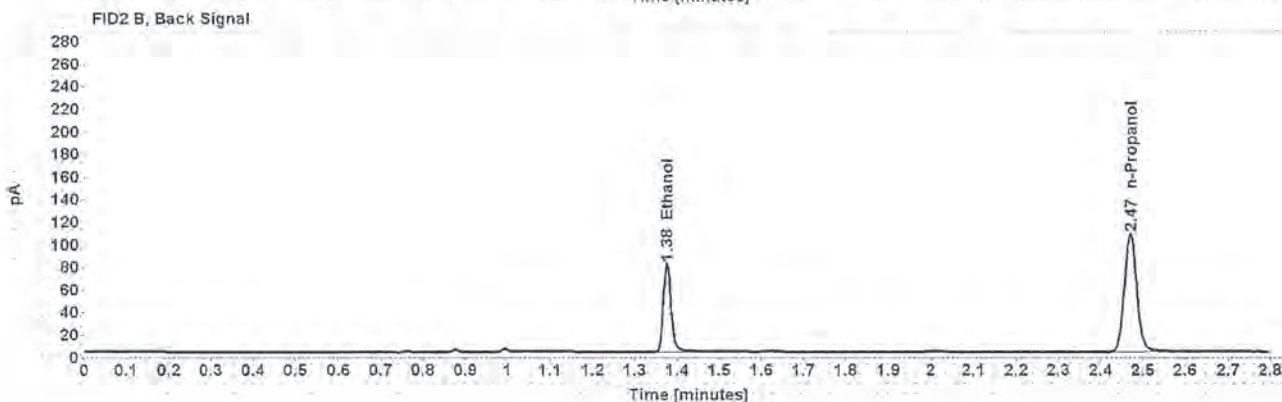
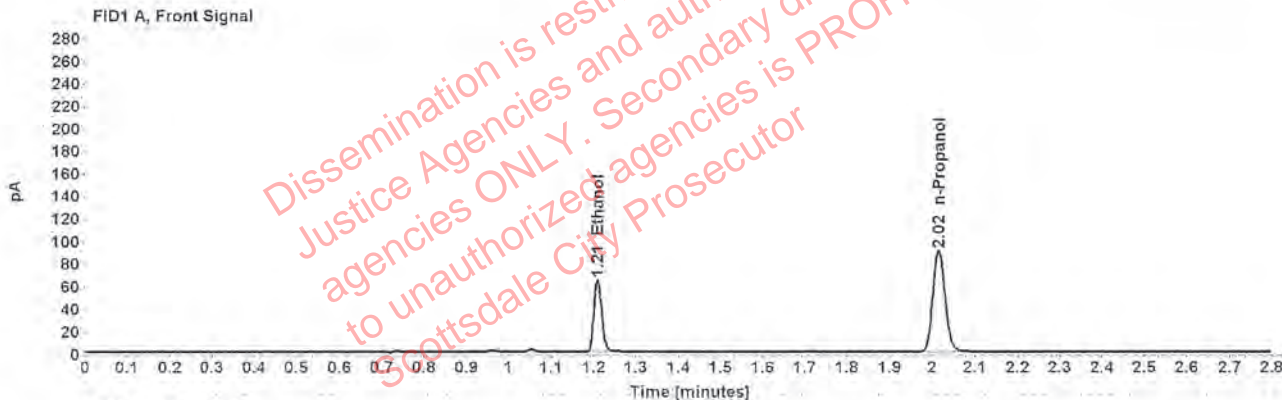


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1288	1.210	82.395
n-Propanol	---	2.015	179.524

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

Compound	Time (min)	Peak Area
Ethanol	1.375	102.081
n-Propanol	2.469	214.888

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283078	Vial:	27
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 6:06:36 PM
Data file:	C:\Chem32\1\Data\26Aug19\27.D	Analyst:	Kosecki

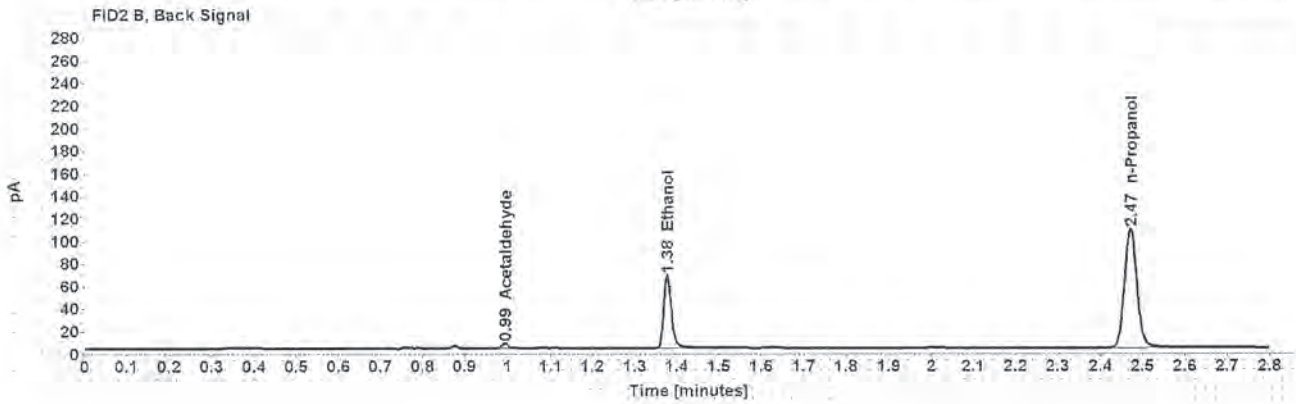
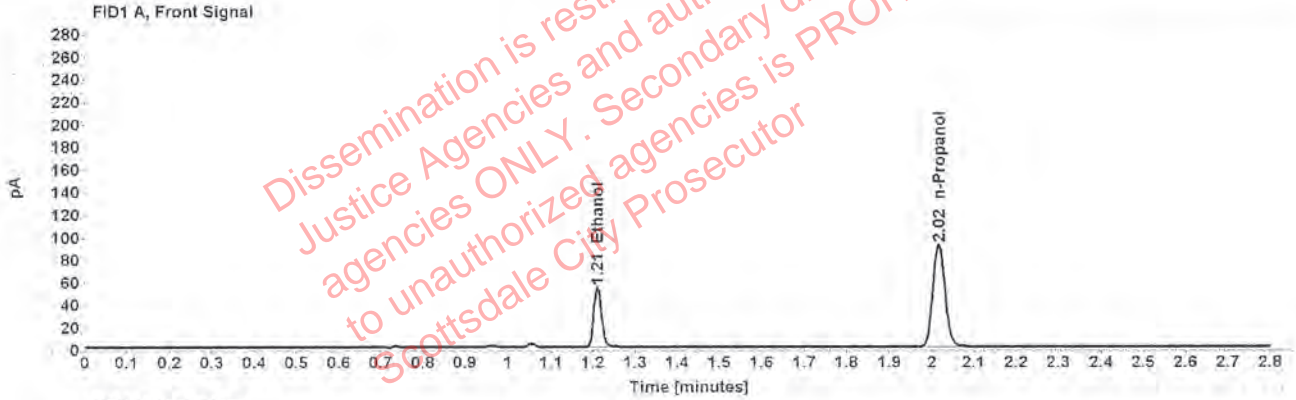


Table 1; FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1063	1.210	68.691
n-Propanol	-----	2.016	181.692

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.298
Ethanol	1.377	83.003
n-Propanol	2.471	217.641

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1283078	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 6:10:37 PM
Data file:	C:\Chem32\1\Data\26Aug19\28.D	Analyst:	Kosecki

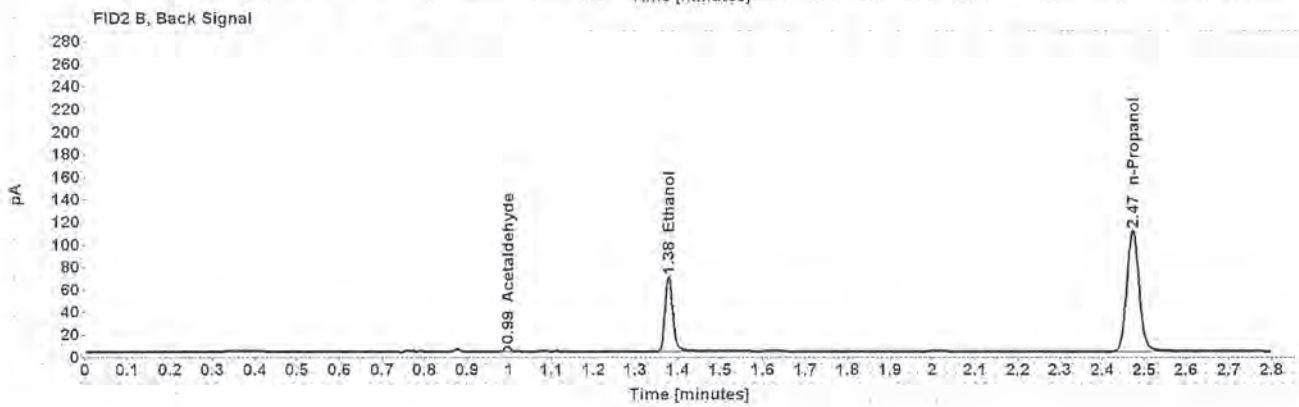
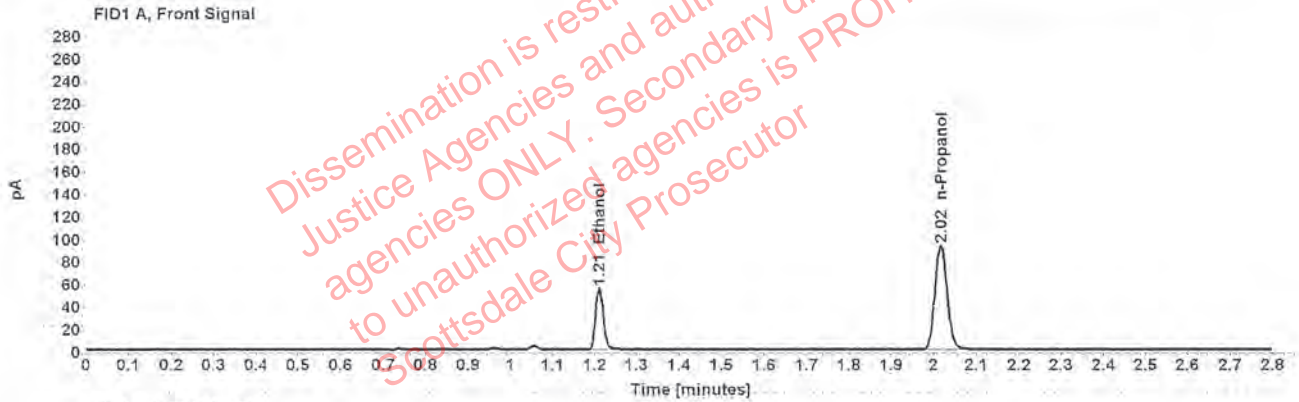


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1075	1.211	70.701
n-Propanol	-----	2.016	184.879

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.371
Ethanol	1.378	85.611
n-Propanol	2.472	222.013

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36001JB	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 6:14:38 PM
Data file:	C:\Chem32\1\Data\26Aug19\29.D	Analyst:	Kosecki

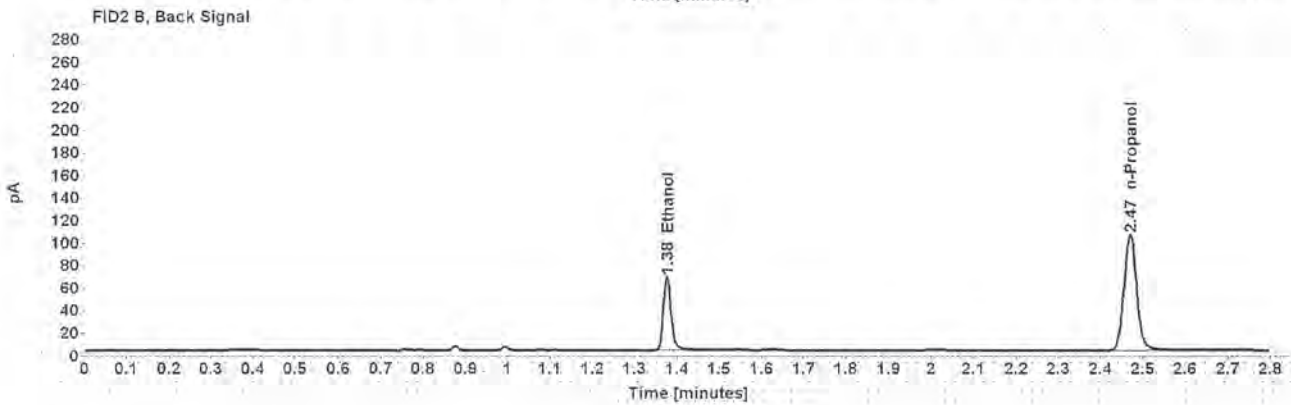
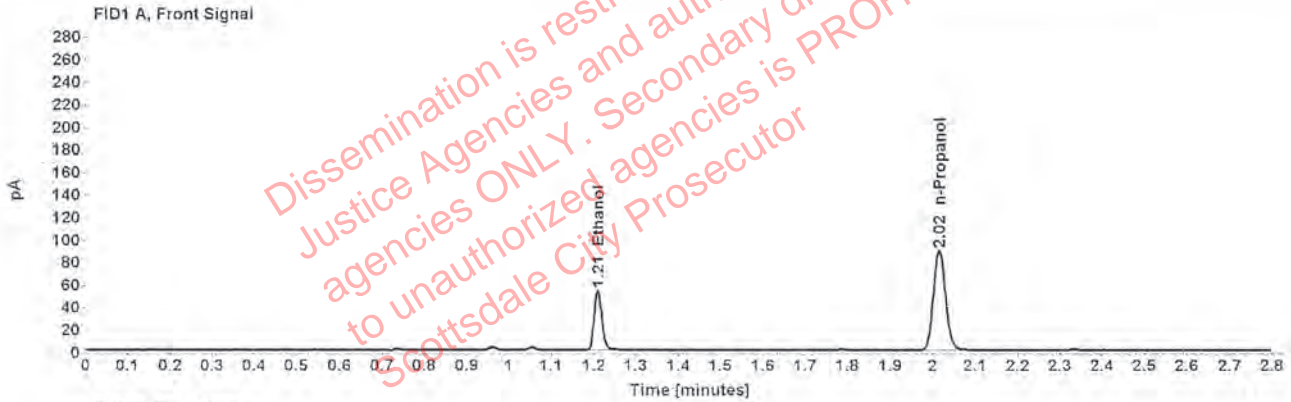


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1090	1.210	68.723
n-Propanol	-----	2.015	177.183

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

Compound	Time (min)	Peak Area
Ethanol	1.376	83.475
n-Propanol	2.470	213.134

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36001JB	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	26Aug19
Instrument:	US14173023 CN14160045	Injection date:	8/26/2019 6:18:36 PM
Data file:	C:\Chem32\1\Data\26Aug19\30.D	Analyst:	Kosecki

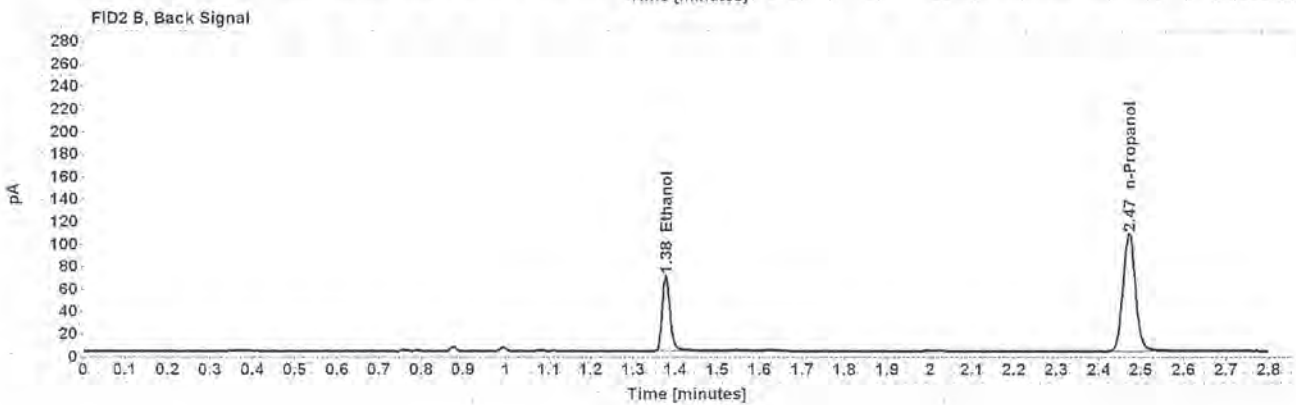
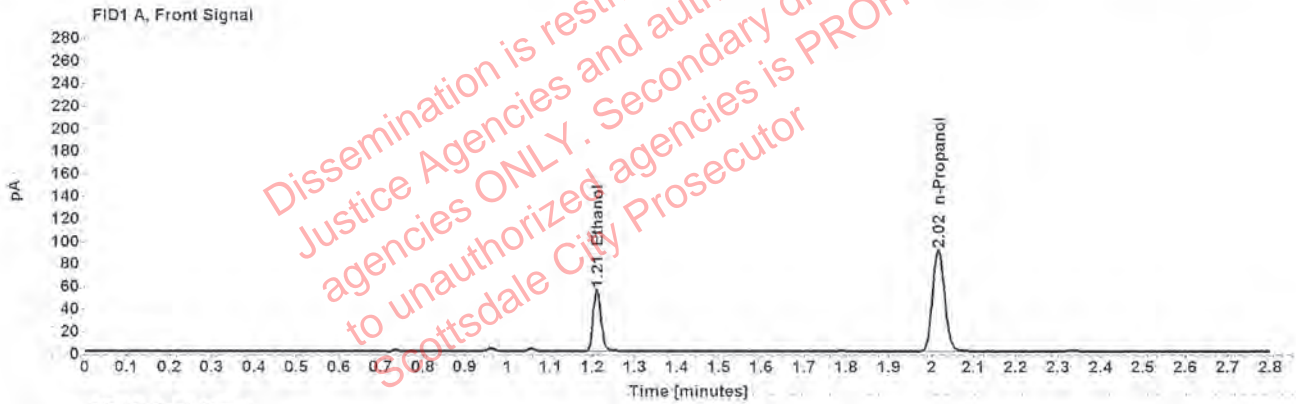


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1103	1.210	70.555
n-Propanol	-----	2.016	179.857

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

Compound	Time (min)	Peak Area
Ethanol	1.377	85.881
n-Propanol	2.471	216.152