

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/06/2019 SEQUENCE NAME 06Nov19

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 080519
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	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
29	Aqueous control	0.400 g/dL	0.412 g/dL	Lipomed 08012015-C
30	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
31	Blood control	0.198 g/dL	0.203 g/dL	ACQ 407041529/13
32	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 9 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Camacho Analyst
 Run valid Run invalid KOSICKI 11/7/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

22

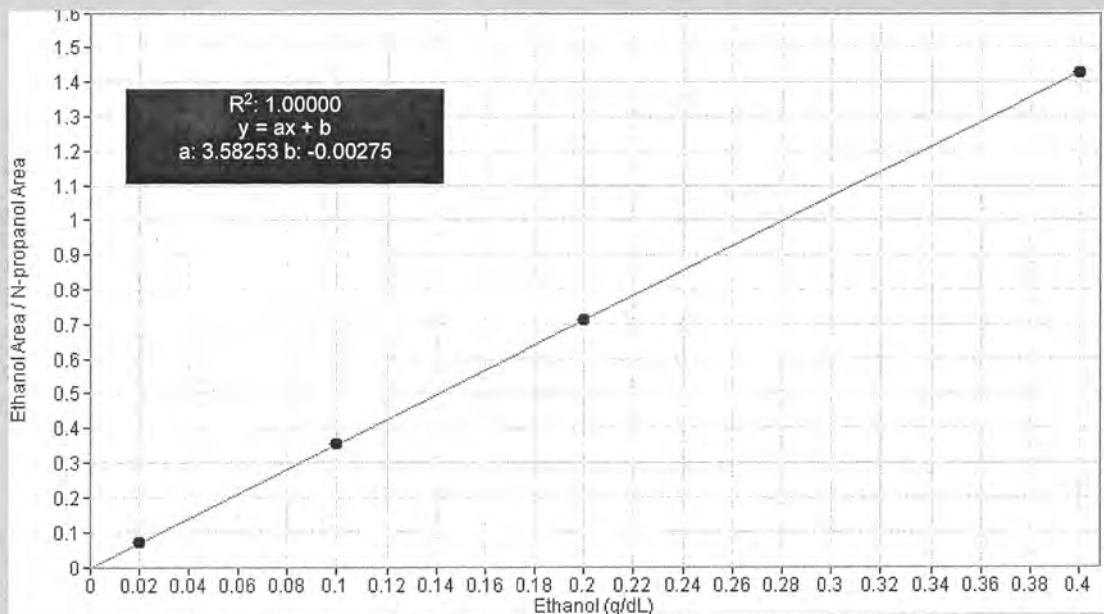
SEQUENCE NAME: 06Nov19

ANALYST: Canonico

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 080519	5	negative	negative	-	-
0.400 08012015-C	7	0.403	0.400	0.75	0.003
0.040 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.40 08012015-C	29	0.412	0.400	3.00	0.012
0.04 09022015-A	30	0.039	0.040	2.50	-0.001
0.198 407041529/13	31	0.203	0.198	2.53	0.005
blank 040919WB	32	negative	negative	-	-

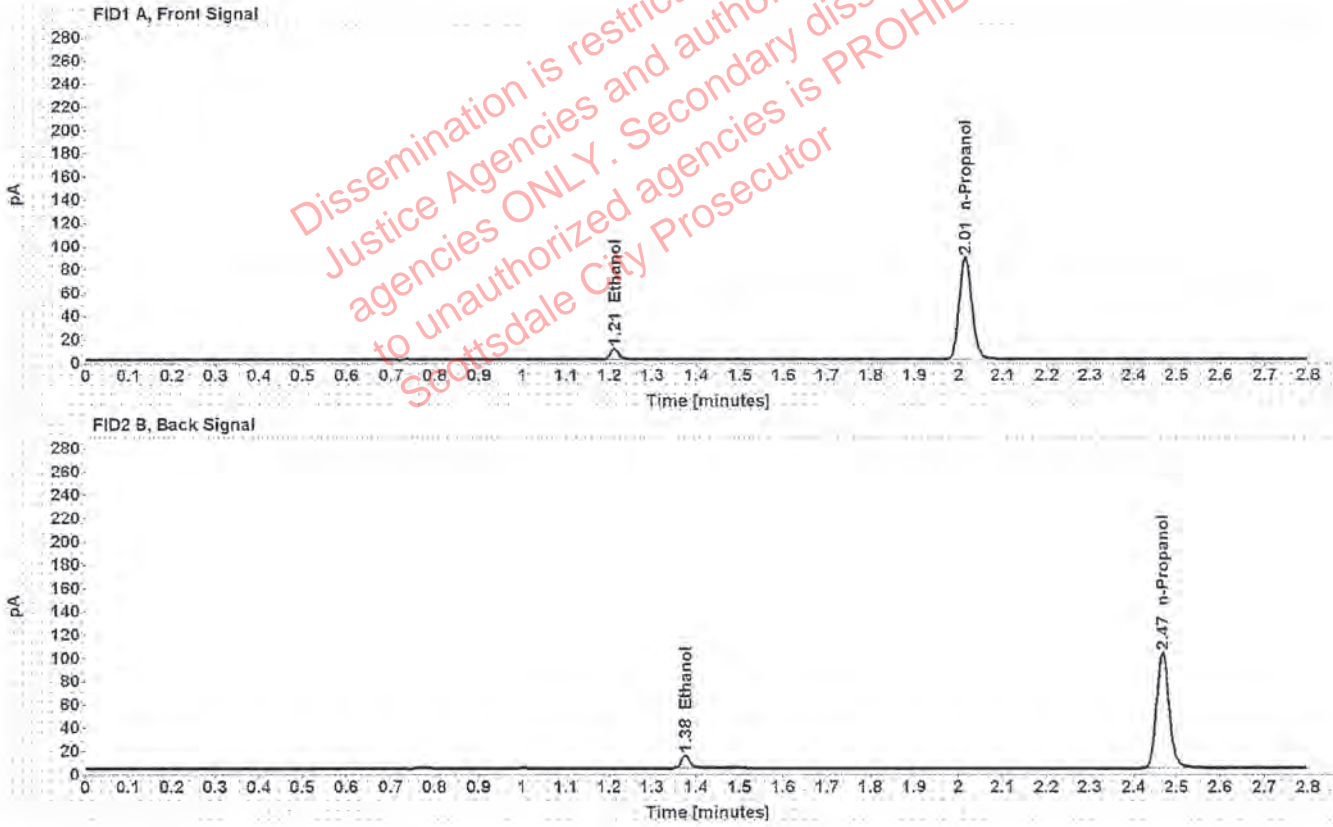
Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.029	174.567	0.069
0.100	61.388	172.775	0.355
0.200	122.779	171.952	0.714
0.400	241.083	168.570	1.430

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03241604	Vial:	1
Description:	0.020 calibrator	Sequence:	06Nov19
Method:	ethanol quant.M	Injection date:	11/6/2019 12:44:54 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico
Data file:	C:\Chem32\1\Data\06Nov19\1.D		



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

Compound	Time (min)	Peak Area
Ethanol	1.211	12.029
n-Propanol	2.014	174.567

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.541
n-Propanol	2.468	205.195

Scottsdale Police Department Crime Lab Volatiles Analysis e

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 06Nov19
Method: ethanol quant.M	Injection date: 11/6/2019 12:48:53 PM
Instrument: US14173023 CN14160045	Analyst: Canonico
Data file: C:\Chem32\1\Data\06Nov19\2.D	

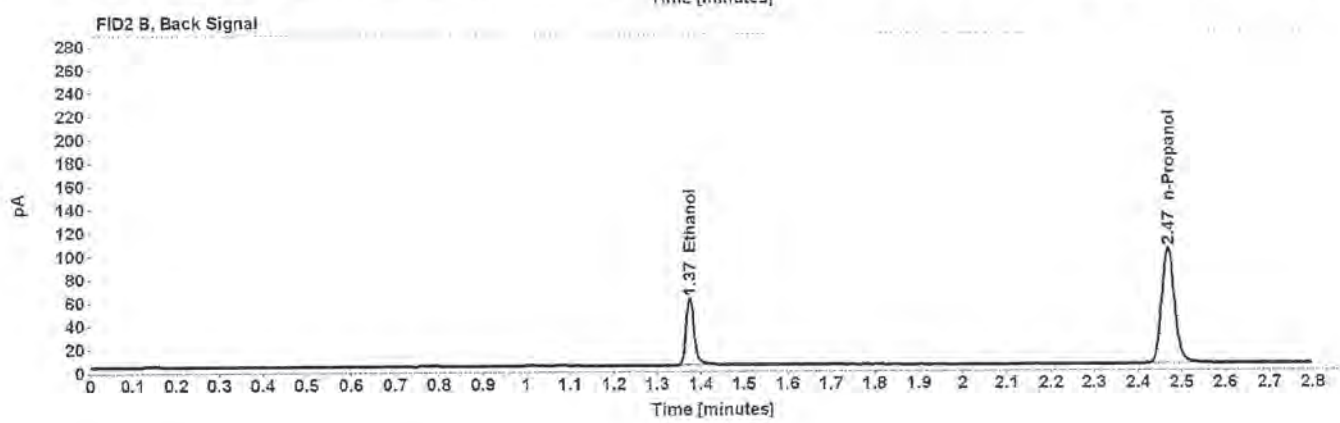
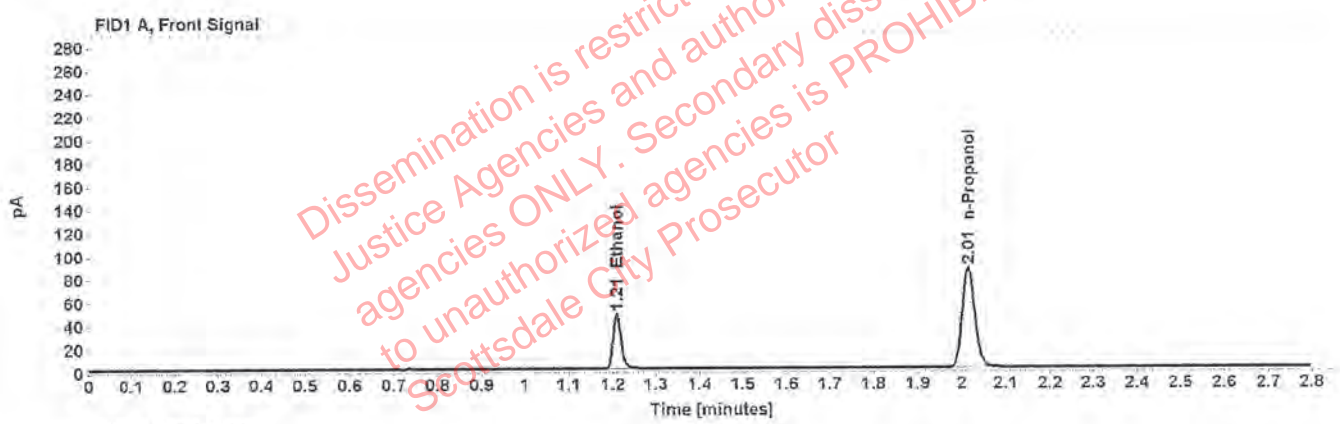


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.388
n-Propanol	2.015	172.775

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

Compound	Time (min)	Peak Area
Ethanol	1.374	74.564
n-Propanol	2.468	204.454

Scottsdale Police Department Crime Lab Volatiles Analysis

EE

Sample:	FN06231704	Vial:	3
Description:	0.200 calibrator	Sequence:	06Nov19
Method:	ethanol quant.M	Injection date:	11/6/2019 12:52:53 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico
Data file:	C:\Chem32\1\Data\06Nov19\3.D		

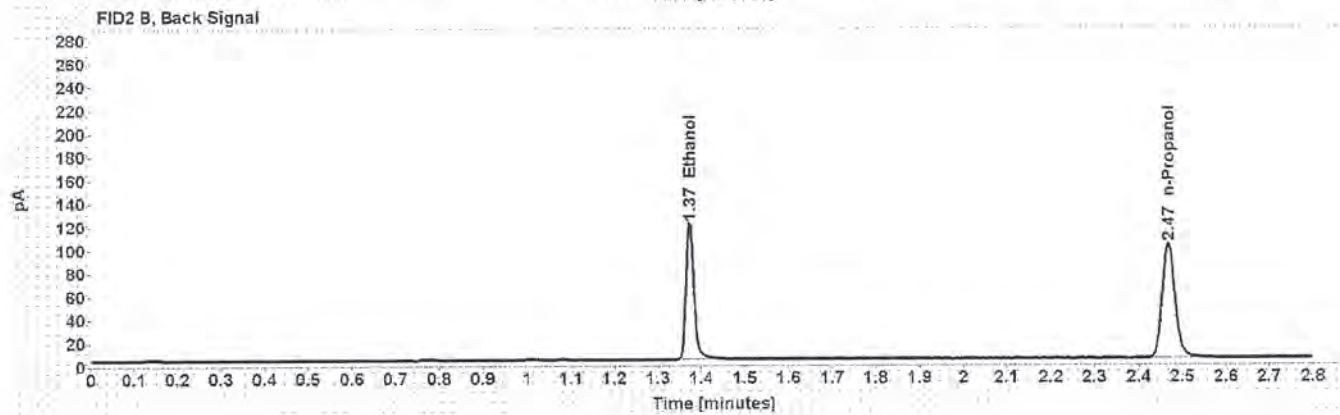
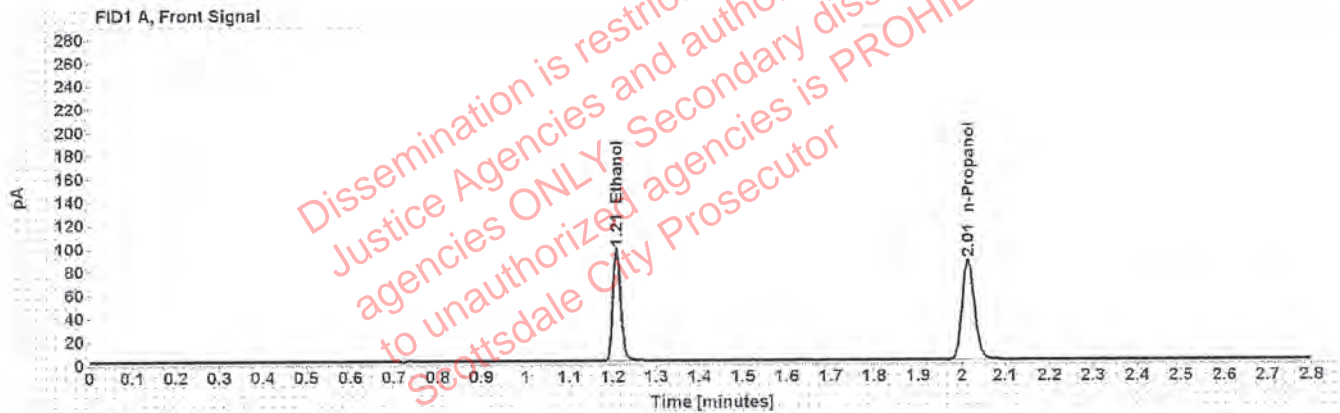


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	122.779
n-Propanol	2.015	171.952

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

Compound	Time (min)	Peak Area
Ethanol	1.374	150.376
n-Propanol	2.468	203.974

Scottsdale Police Department Crime Lab Volatiles Analysis

EQ

Sample:	FN05131606	Vial:	4
Description:	0.400 calibrator	Sequence:	06Nov19
Method:	ethanol quant.M	Injection date:	11/6/2019 12:56:52 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico
Data file:	C:\Chem32\1\Data\06Nov19\4.D		

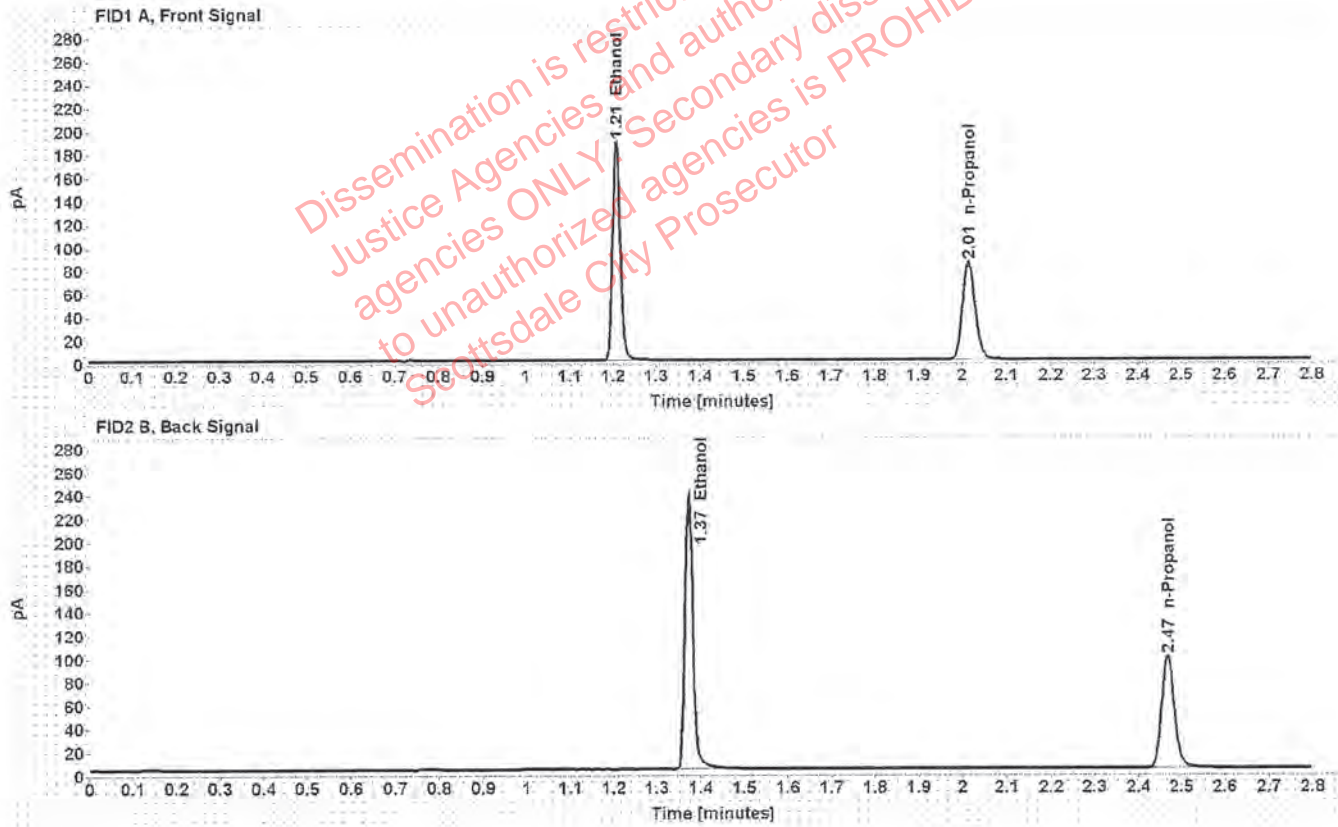


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	241.083
n-Propanol	2.014	168.570

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

Compound	Time (min)	Peak Area
Ethanol	1.373	297.391
n-Propanol	2.468	200.461

Scottsdale Police Department Crime Lab Volatiles Analysis

EQ

Sample: 080519	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 06Nov19
Instrument: US14173023 CN14160045	Injection date: 11/6/2019 1:00:52 PM
Data file: C:\Chem32\1\Data\06Nov19\5.D	Analyst: Canonico

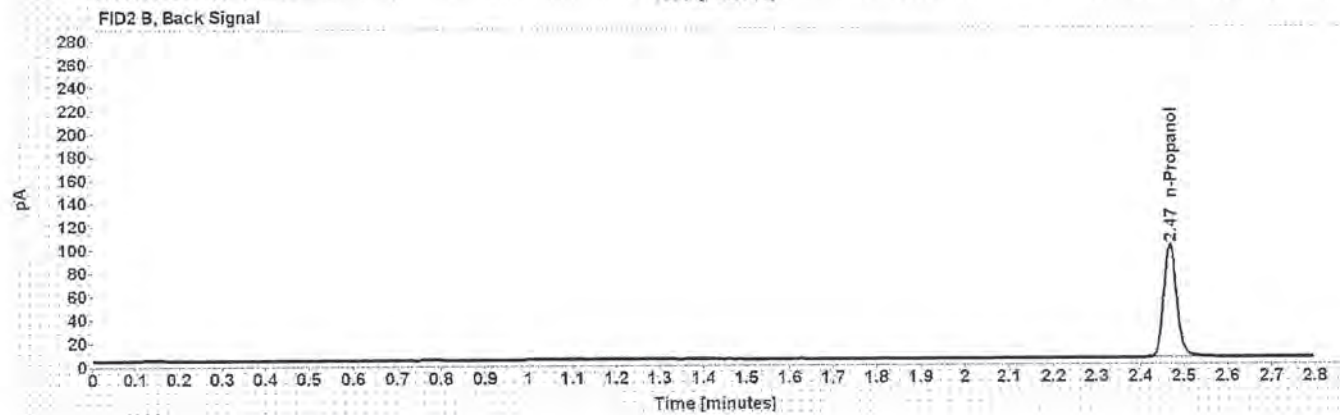
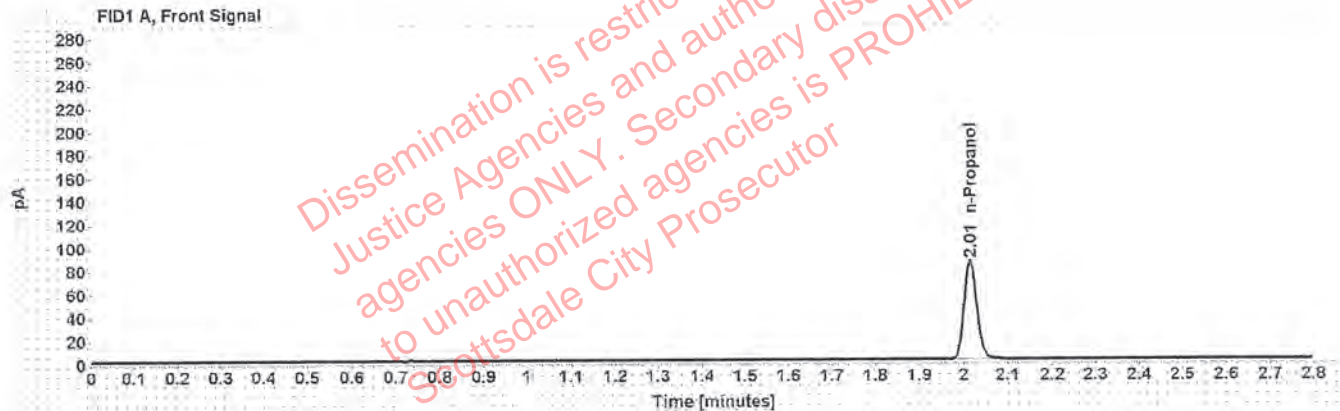


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	169.714

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	200.913

Scottsdale Police Department Crime Lab Volatiles Analysis

EE

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:04:53 PM
Data file:	C:\Chem32\11Data\06Nov19\6.D	Analyst:	Canonico

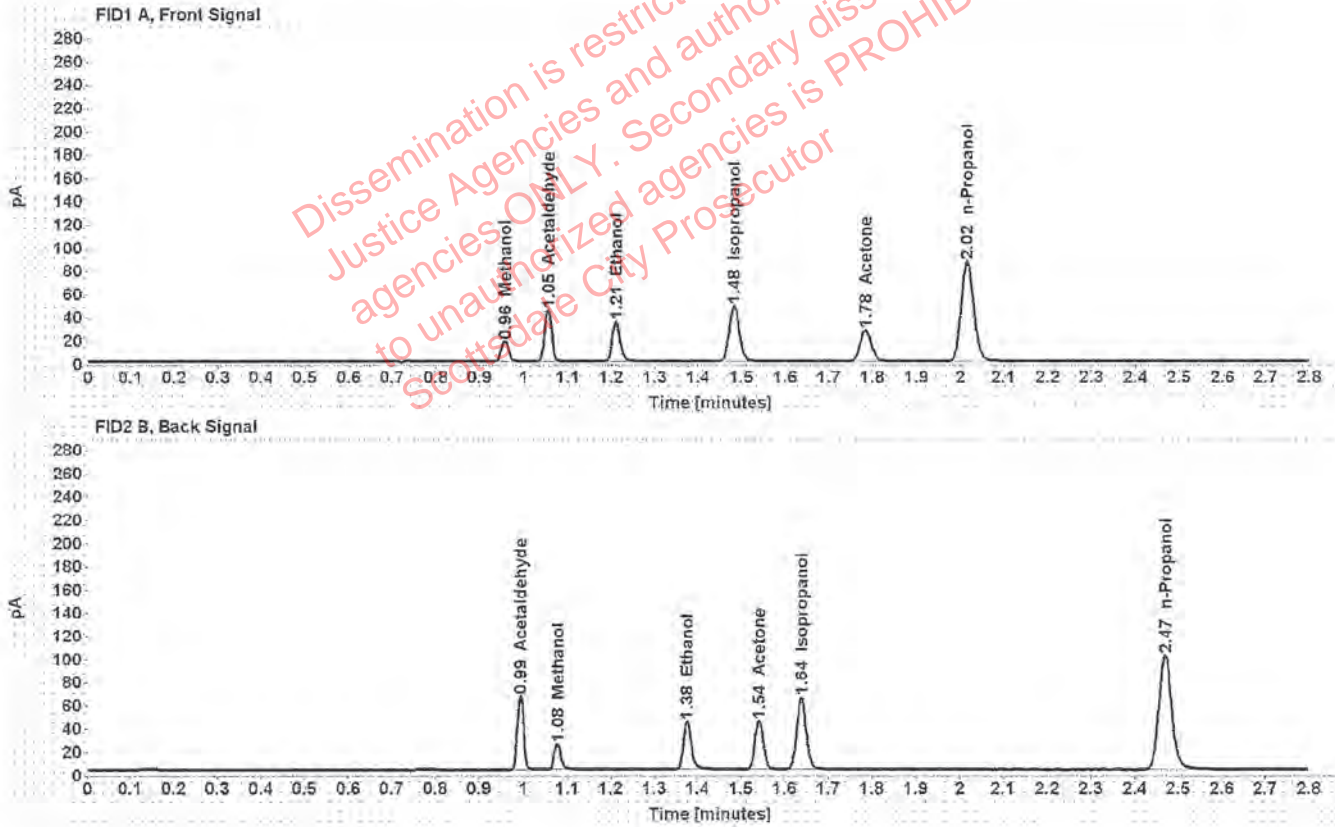


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	19.649
Acetaldehyde	-----	1.055	48.456
>Ethanol	0.0724	1.210	44.133
Isopropanol	-----	1.484	76.826
Acetone	-----	1.784	46.255
n-Propanol	-----	2.015	172.074

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	62.524
Methanol	1.077	24.901
Ethanol	1.376	53.500
Acetone	1.542	55.356
Isopropanol	1.638	95.825
n-Propanol	2.469	205.312

Scottsdale Police Department Crime Lab Volatiles Analysis

EL

Sample:	08012015-C	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:09:07 PM
Data file:	C:\Chem32\1\Data\06Nov19\7.D	Analyst:	Canonico

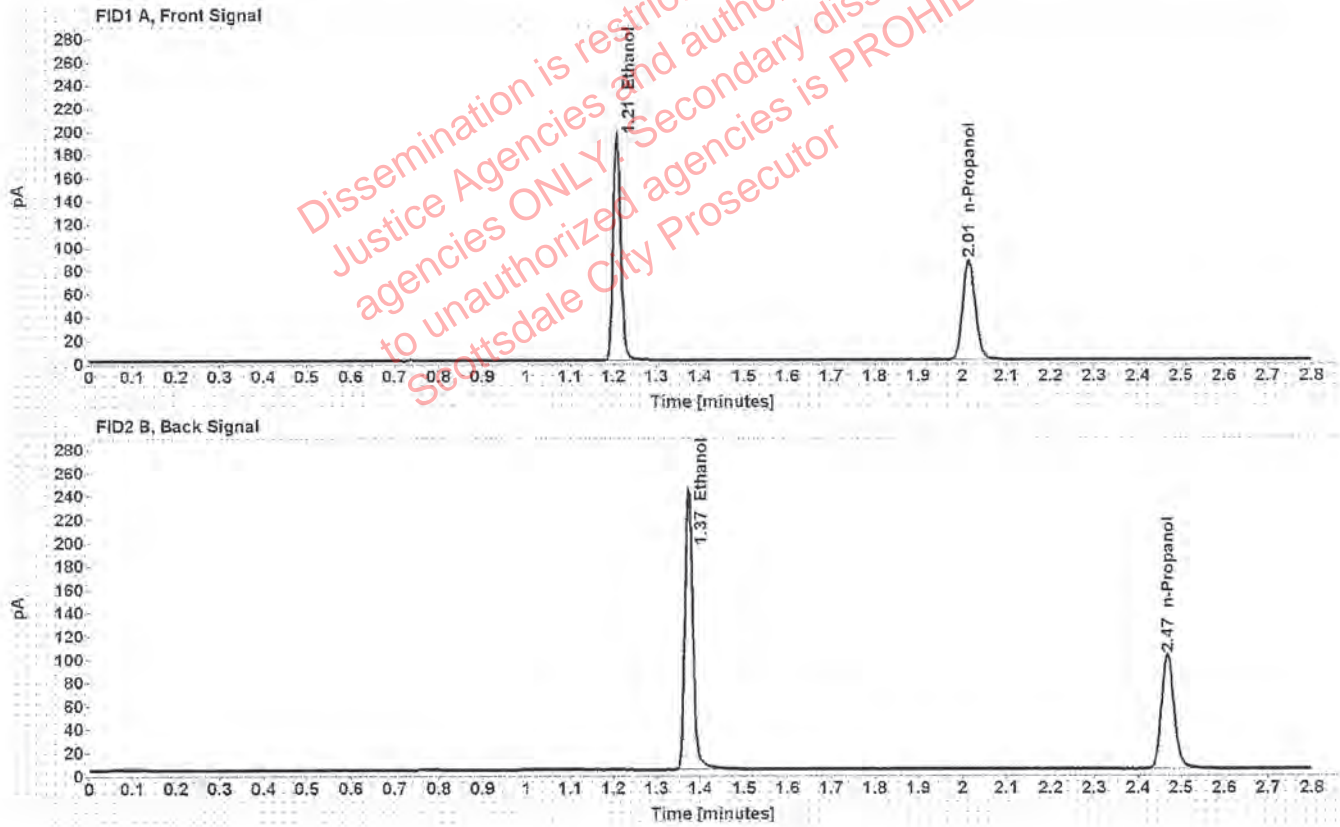


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4038	1.208	247.350
n-Propanol	-----	2.015	171.309

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

Compound	Time (min)	Peak Area
Ethanol	1.374	304.245
n-Propanol	2.468	203.765

Scottsdale Police Department Crime Lab Volatiles Analysis

EE

Sample:	09022015-A	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:13:07 PM
Data file:	C:\Chem32\11\Data\06Nov19\8.D	Analyst:	Canonico

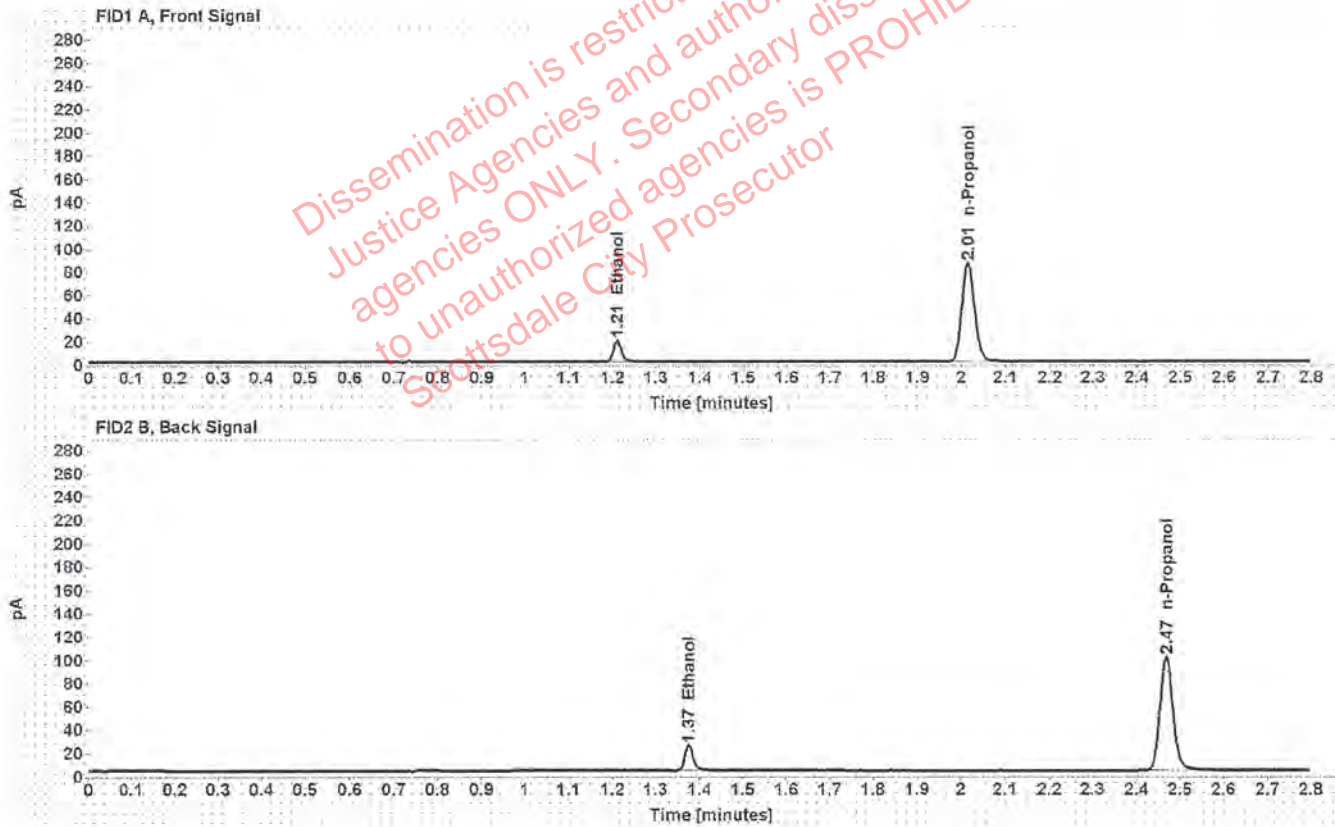


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0395	1.210	23.738
n-Propanol	-----	2.014	171.224

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

Compound	Time (min)	Peak Area
Ethanol	1.375	28.694
n-Propanol	2.468	203.019

Scottsdale Police Department Crime Lab Volatiles Analysis

EE

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 06Nov19
Instrument: US14173023 CN14160045	Injection date: 11/6/2019 1:17:07 PM
Data file: C:\Chem32\1\Data\06Nov19\9.D	Analyst: Canonico

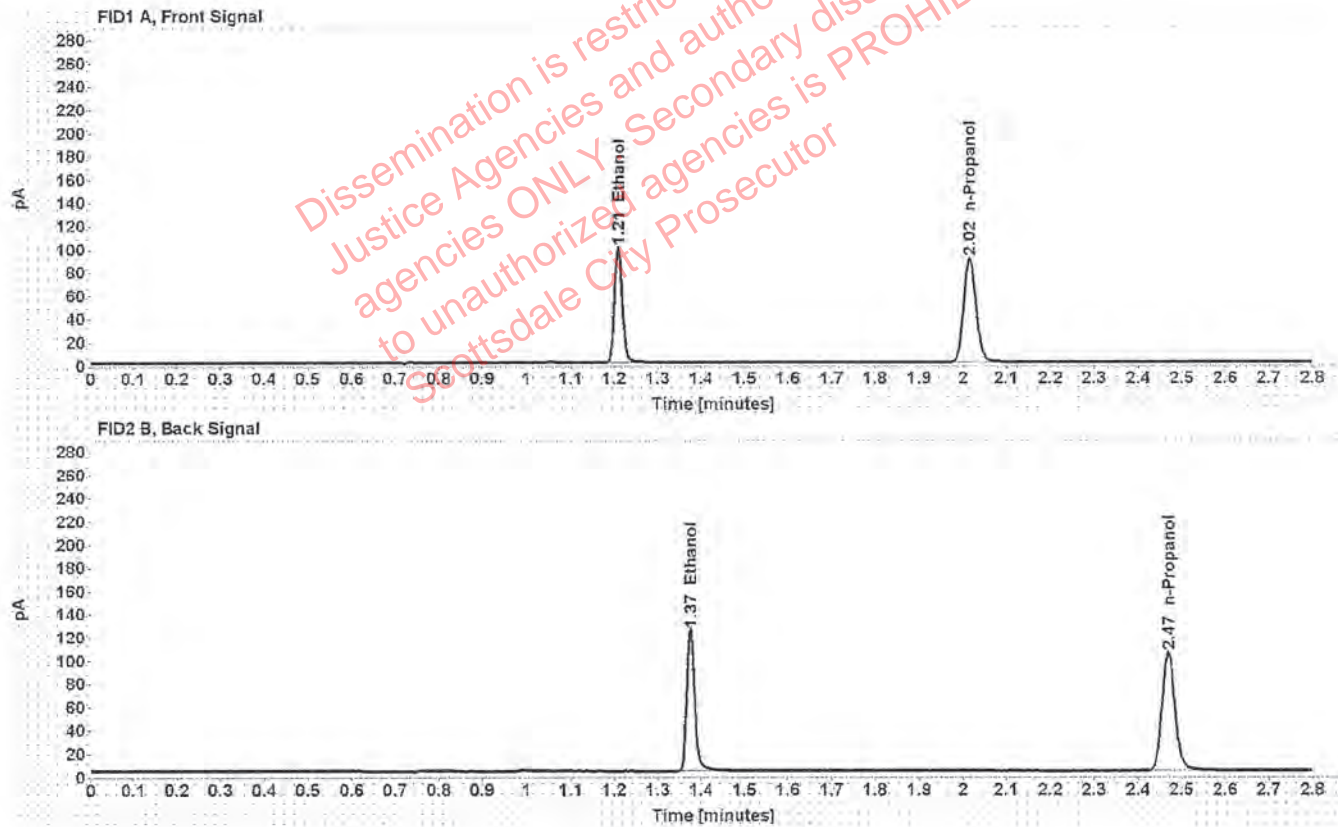


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.209	127.218
n-Propanol	-----	2.015	178.708

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

Compound	Time (min)	Peak Area
Ethanol	1.375	155.791
n-Propanol	2.469	212.197

Scottsdale Police Department Crime Lab Volatiles Analysis

EL

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 06Nov19
Instrument: US14173023 CN14160045	Injection date: 11/6/2019 2:01:38 PM
Data file: C:\Chem32\1\Data\06Nov19\20.D	Analyst: Canonico

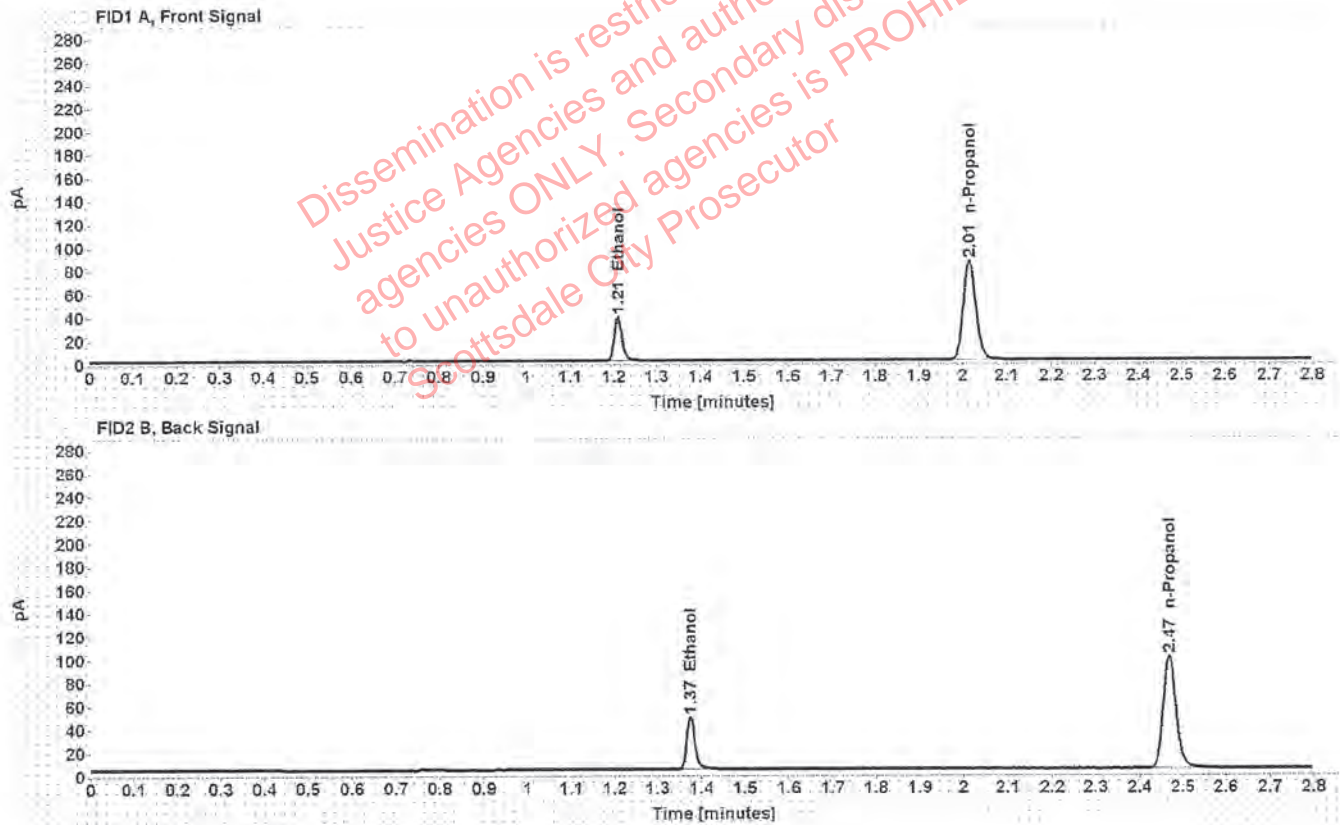


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.210	48.540
n-Propanol	-----	2.015	170.740

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.422
n-Propanol	2.468	202.797

Scottsdale Police Department Crime Lab Volatiles Analysis

EE

Sample:	08012015-C	Vial:	29
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:37:53 PM
Data file:	C:\Chem32\1\Data\06Nov19\29.D	Analyst:	Canonico

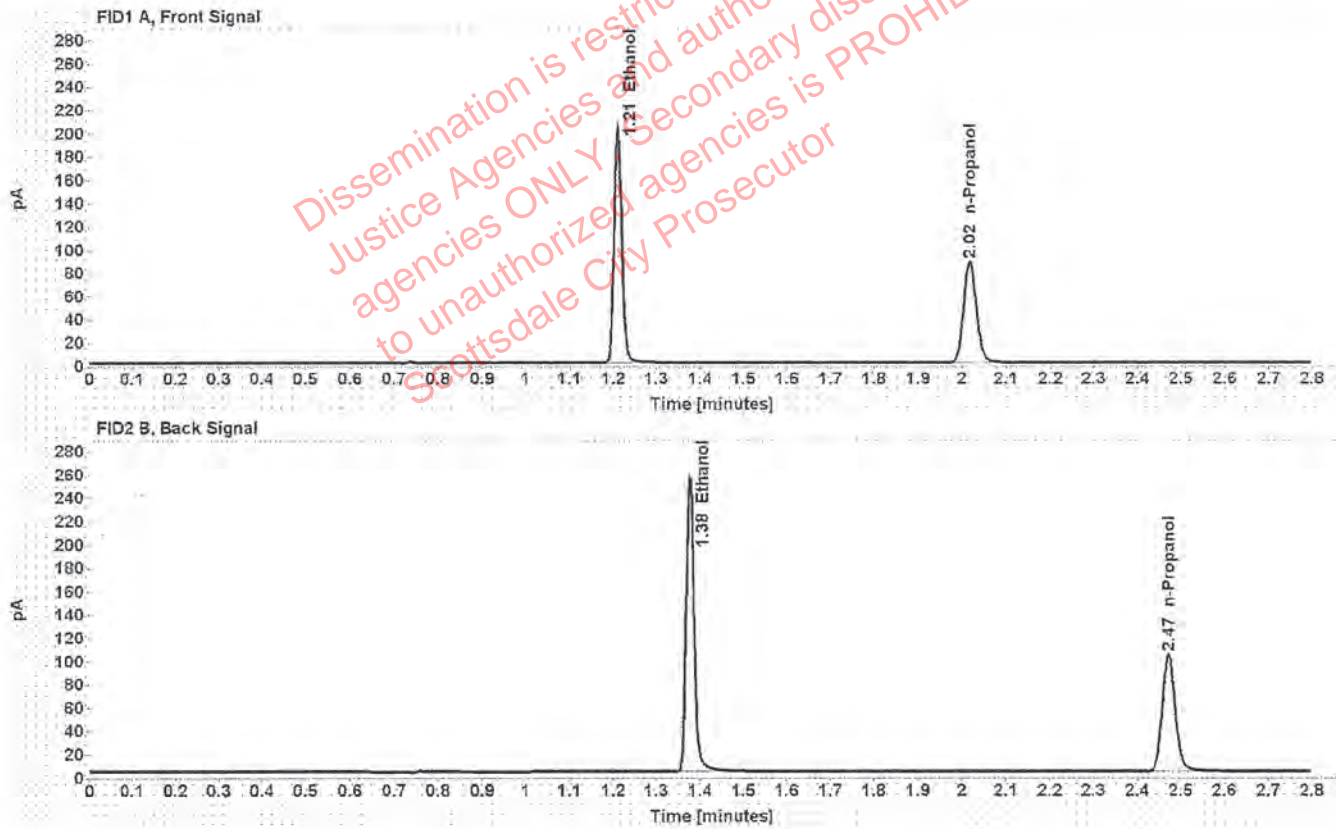


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4129	1.210	259.975
n-Propanol	-----	2.017	176.074

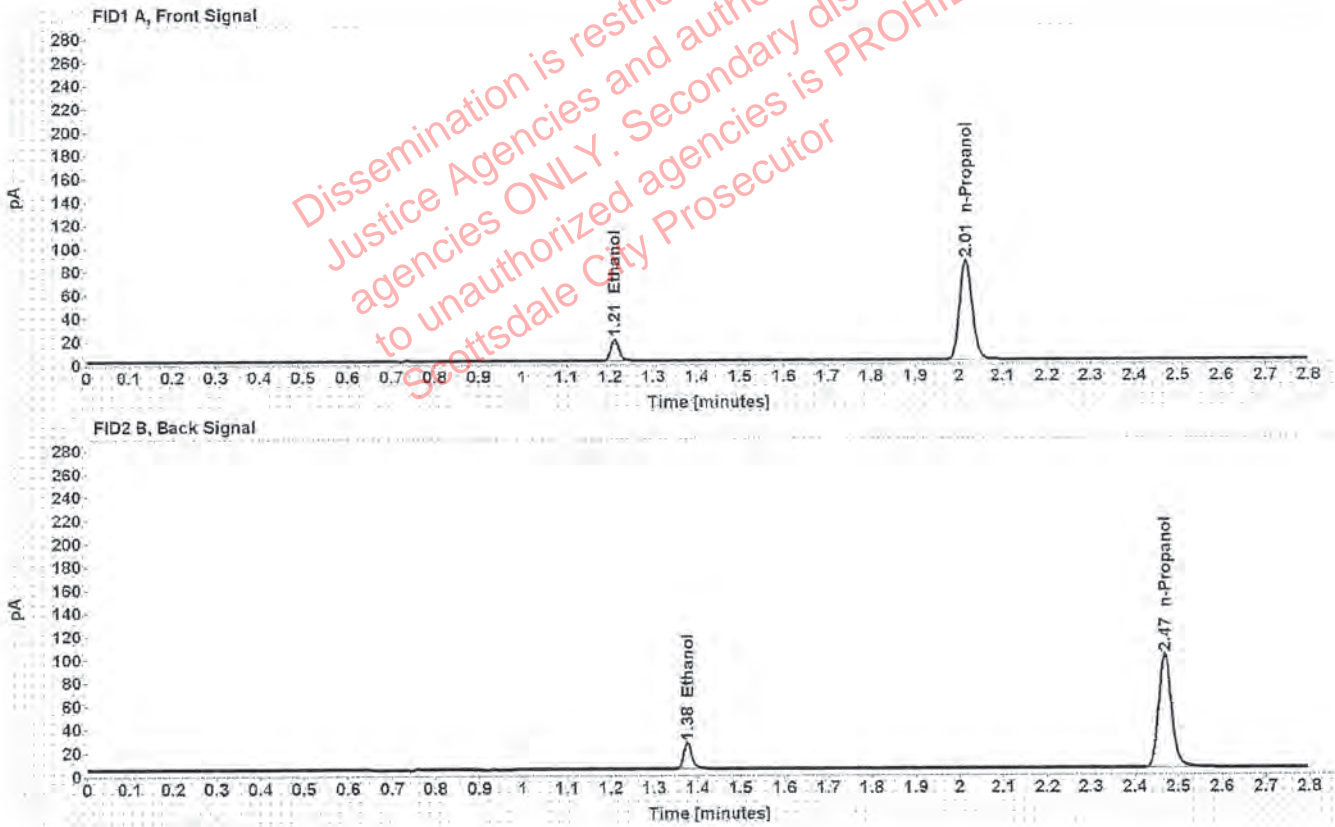
Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.377	320.849
n-Propanol	2.472	210.595

Scottsdale Police Department Crime Lab Volatiles Analysis

EQ

Sample: 09022015-A	Vial: 30
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 06Nov19
Instrument: US14173023 CN14160045	Injection date: 11/6/2019 2:41:53 PM
Data file: C:\Chem32\1\Data\06Nov19\30.D	Analyst: Canonico



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

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0397	1.211	23.971
n-Propanol	-----	2.015	171.760

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.127
n-Propanol	2.469	204.815

Scottsdale Police Department Crime Lab Volatiles Analysis

ee

Sample:	407041529/13	Vial:	31
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:46:07 PM
Data file:	C:\Chem32\1\Data\06Nov19\31.D	Analyst:	Canonico

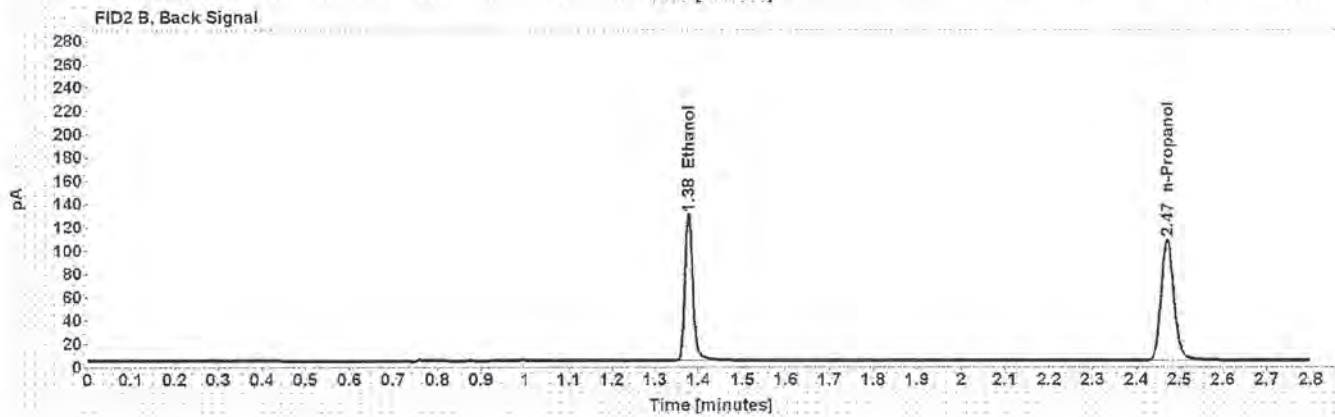
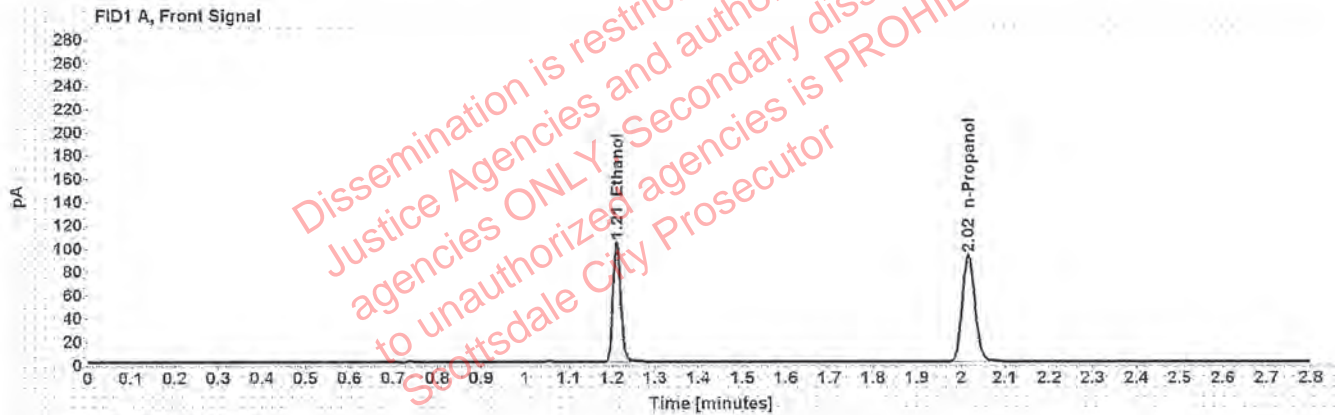


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.211	132.598
n-Propanol	-----	2.017	182.943

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

Compound	Time (min)	Peak Area
Ethanol	1.377	162.700
n-Propanol	2.471	218.311

Scottsdale Police Department Crime Lab Volatiles Analysis

32

Sample: 040919WB	Vial: 32
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 06Nov19
Instrument: US14173023 CN14160045	Injection date: 11/6/2019 2:50:08 PM
Data file: C:\Chem32\1\Data\06Nov19\32.D	Analyst: Canonico

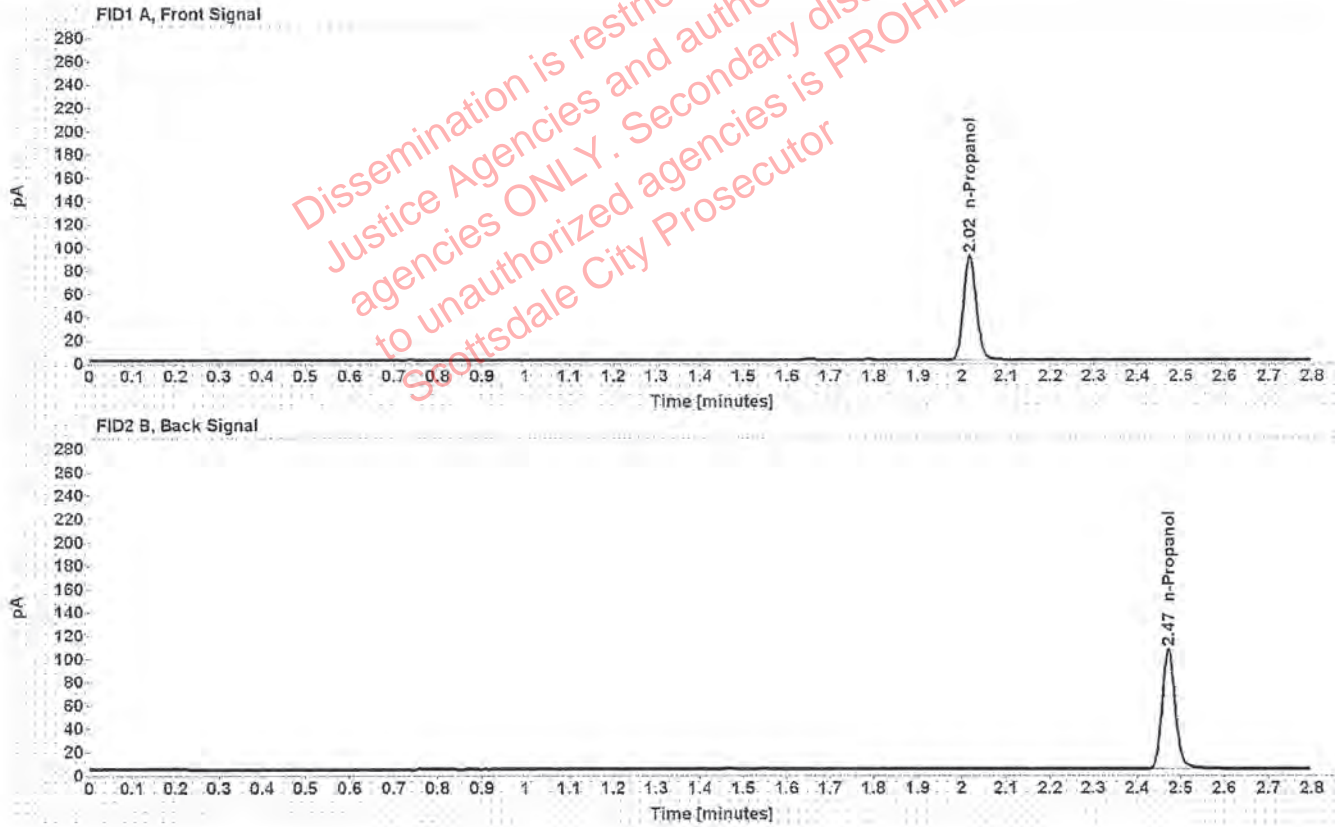


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	181.077

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

Compound	Time (min)	Peak Area
n-Propanol	2.471	215.838

Sequence Summary

e

Sequence name: 06Nov19 Instrument: US14173023 CN14160045 Analyst: Canonico

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	080519	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	1293058		Sample		ethanol quant.M
11	1293058		Sample		ethanol quant.M
12	1292992		Sample		ethanol quant.M
13	1292992		Sample		ethanol quant.M
14	1293032		Sample		ethanol quant.M
15	1293032		Sample		ethanol quant.M
16	1293197		Sample		ethanol quant.M
17	1293197		Sample		ethanol quant.M
18	1279171		Sample		ethanol quant.M
19	1279171		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1292054		Sample		ethanol quant.M
22	1292054		Sample		ethanol quant.M
23	1292498		Sample		ethanol quant.M
24	1292498		Sample		ethanol quant.M
25	1292331		Sample		ethanol quant.M
26	1292331		Sample		ethanol quant.M
27	1271266		Sample		ethanol quant.M
28	1271266		Sample		ethanol quant.M
29	08012015-C	0.400	Control		ethanol quant.M
30	09022015-A	0.040	Control		ethanol quant.M
31	407041529/13	0.198	Control		ethanol quant.M
32	040919WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory el

Summary of Cases

SEQUENCE NAME: 06Nov19

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2088	0.2071	0.20795	0.41	0.00085
12 13	0.2846	0.2892	0.28690	0.80	0.00230
14 15	0.1477	0.1471	0.14740	0.20	0.00030
16 17	0.1185	0.1194	0.11895	0.38	0.00045
18 19	0.3026	0.3032	0.30290	0.10	0.00030
21 22	0.2138	0.2131	0.21345	0.16	0.00035
23 24	0.2337	0.2327	0.23320	0.21	0.00050
25 26	0.1983	0.1975	0.19790	0.20	0.00040
27 28	0.1118	0.1121	0.11195	0.13	0.00015

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

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Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293058	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:21:07 PM
Data file:	C:\Chem32\11\Data\06Nov19\10.D	Analyst:	Canonico

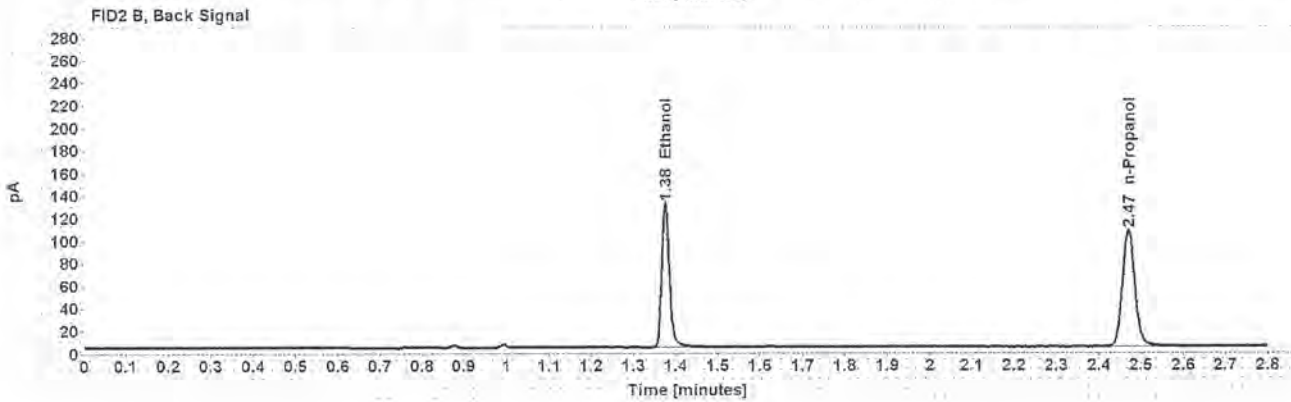
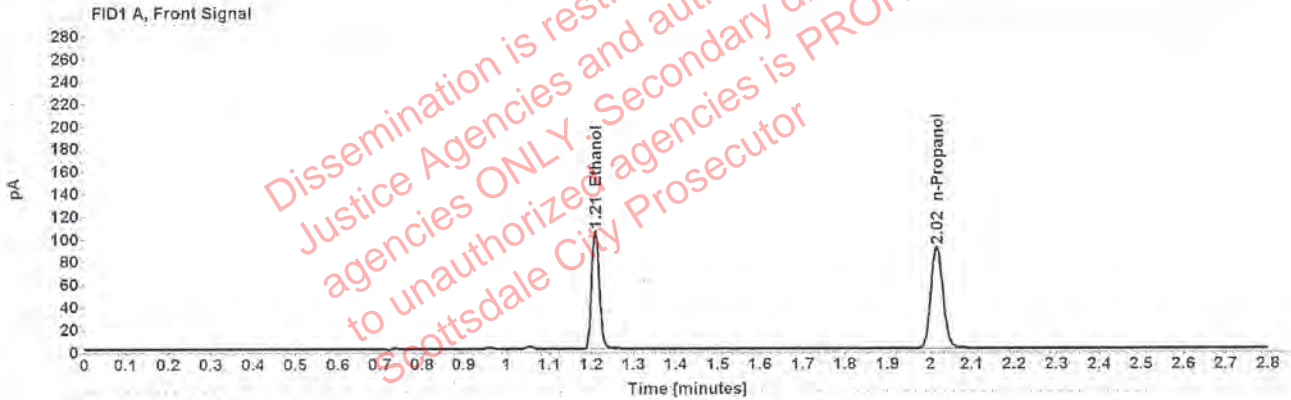


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2088	1.209	134.099
n-Propanol	-----	2.016	179.953

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

Compound	Time (min)	Peak Area
Ethanol	1.375	164.935
n-Propanol	2.469	213.692

Case: [REDACTED] User: ecanonico 11/7/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293058	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:25:08 PM
Data file:	C:\Chem3211\Data\06Nov19\11.D	Analyst:	Canonico

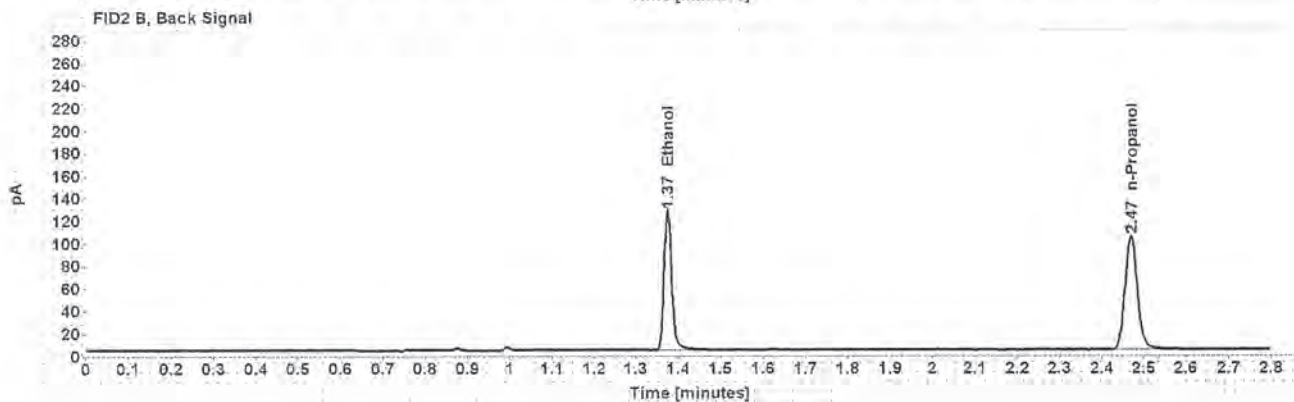
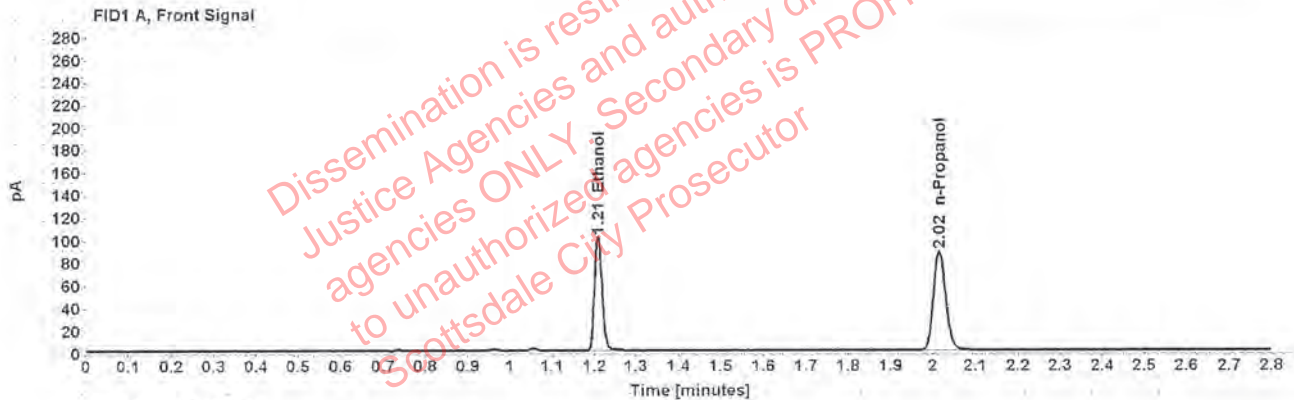


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2071	1.209	129.542
n-Propanol	-----	2.015	175.280

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

Compound	Time (min)	Peak Area
Ethanol	1.375	159.833
n-Propanol	2.469	207.969

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292992	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:29:08 PM
Data file:	C:\Chem32\1\Data\06Nov19\12.D	Analyst:	Canonico

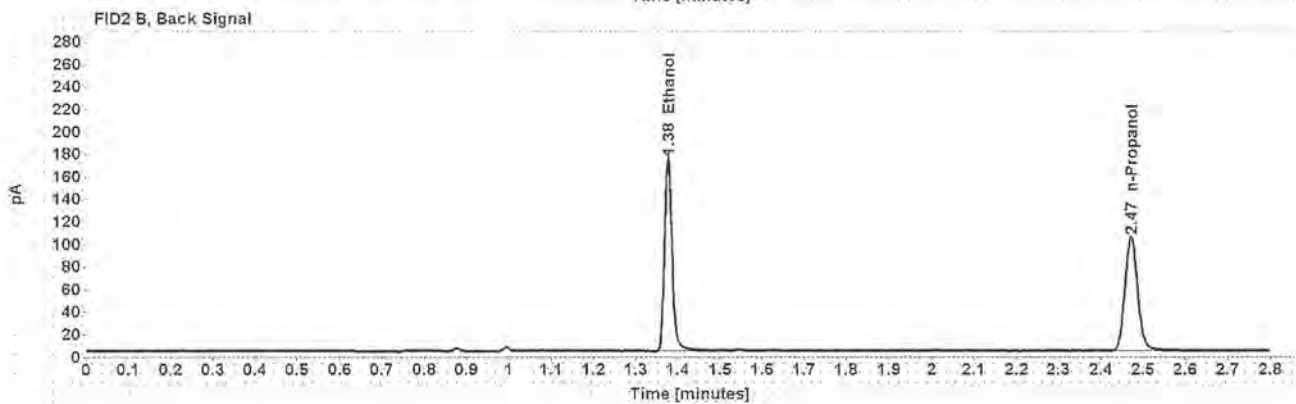
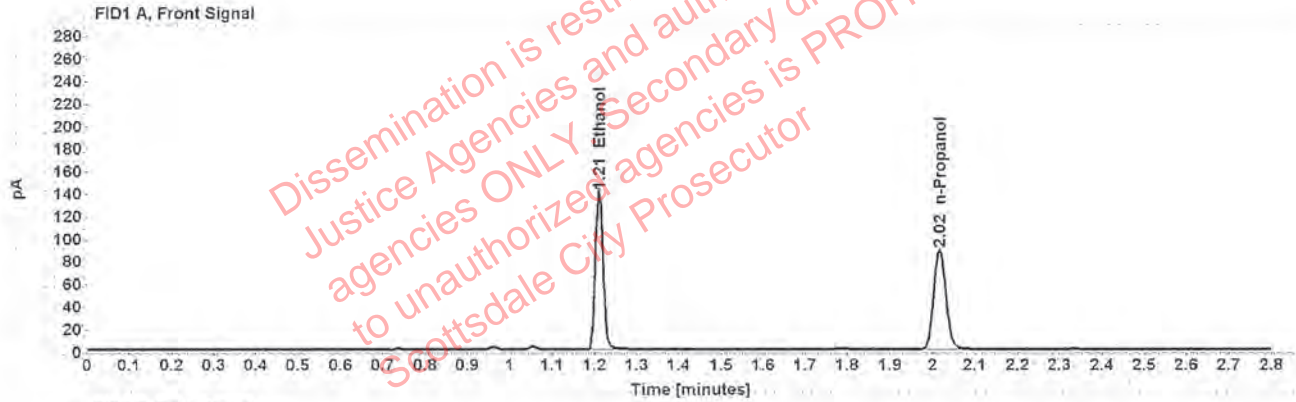


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2846	1.210	178.951
n-Propanol	-----	2.017	175.965

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

Compound	Time (min)	Peak Area
Ethanol	1.377	220.396
n-Propanol	2.471	209.118

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292992	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:33:24 PM
Data file:	C:\Chem32\1\Data\06Nov19\13.D	Analyst:	Canonico

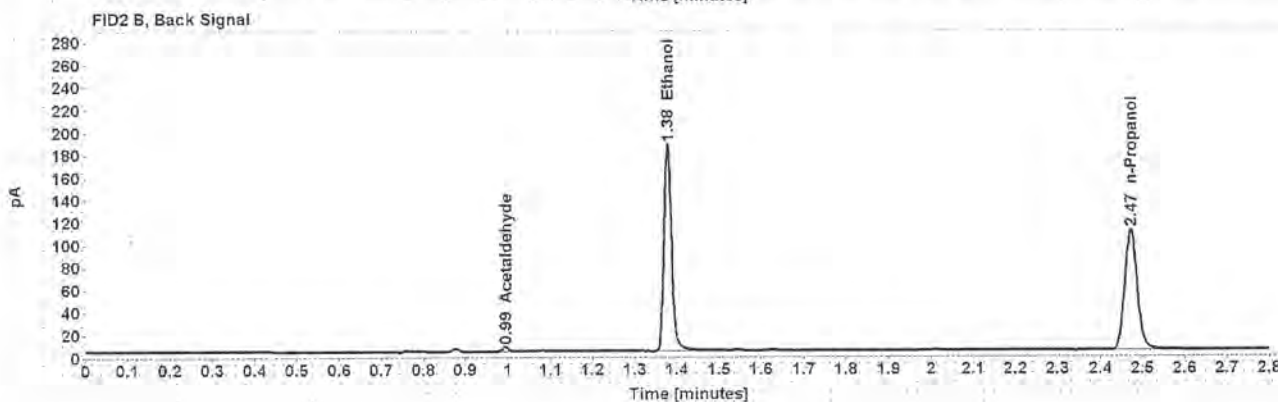
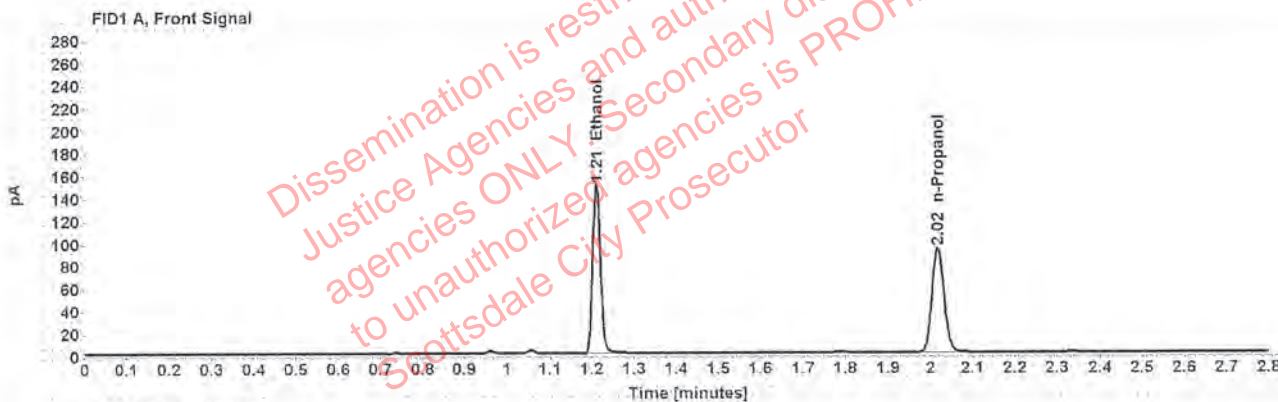


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2892	1.211	191.963
n-Propanol	-----	2.017	185.790

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.758
Ethanol	1.377	236.650
n-Propanol	2.472	221.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293032	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:37:23 PM
Data file:	C:\Chem32\11\Data\06Nov19\14.D	Analyst:	Canonico

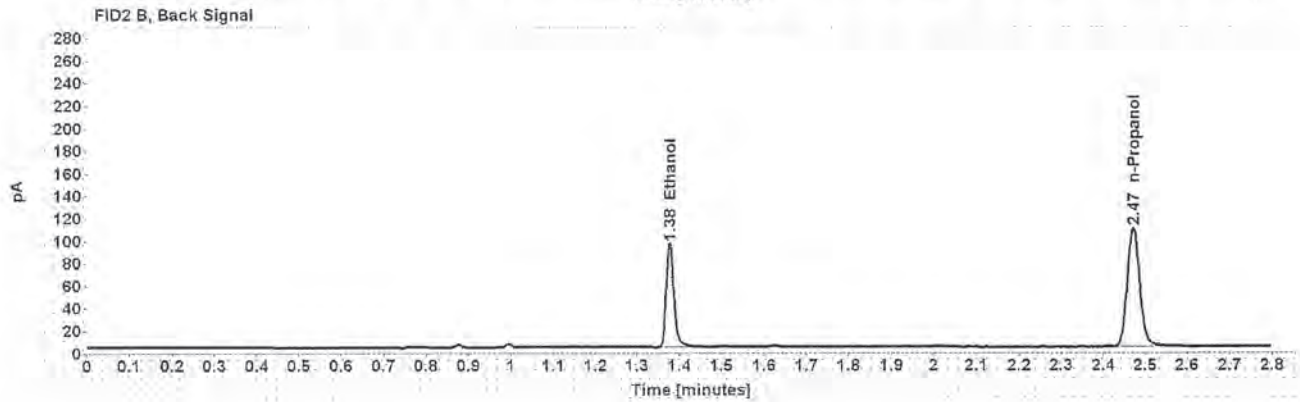
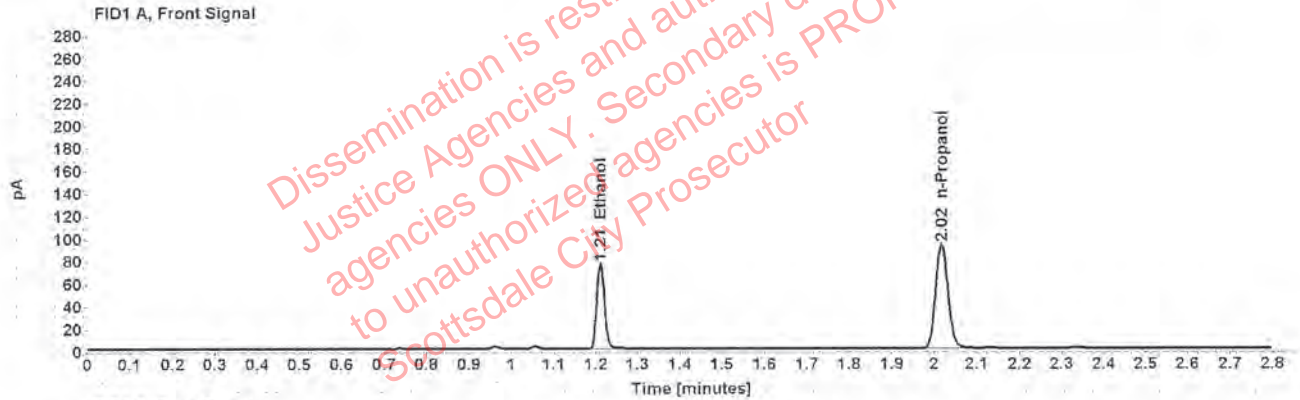


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1477	1.211	97.757
n-Propanol	-----	2.017	185.711

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

Compound	Time (min)	Peak Area
Ethanol	1.378	120.462
n-Propanol	2.471	220.813

Case: [REDACTED] User: ecanonico 11/7/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293032	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:41:23 PM
Data file:	C:\Chem32\1\Data\06Nov19\15.D	Analyst:	Canonico

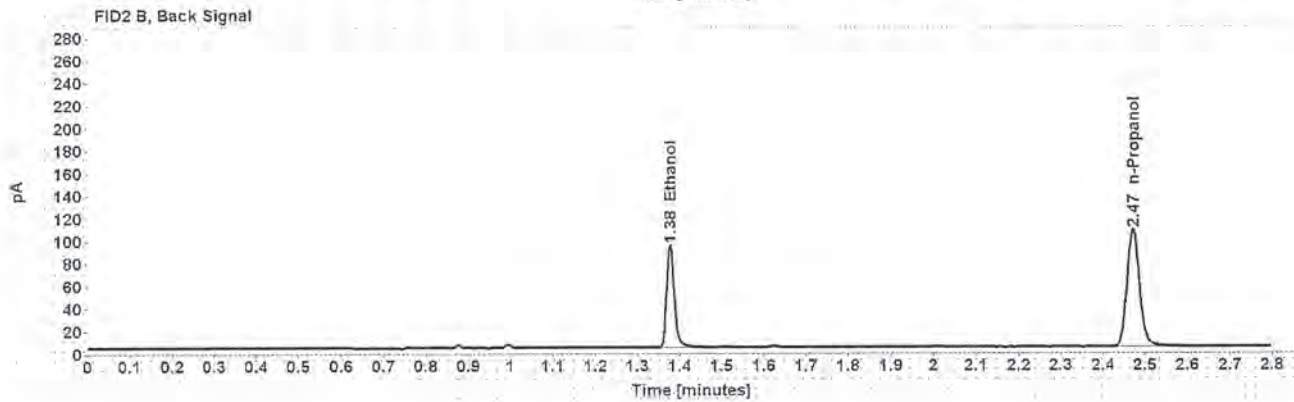
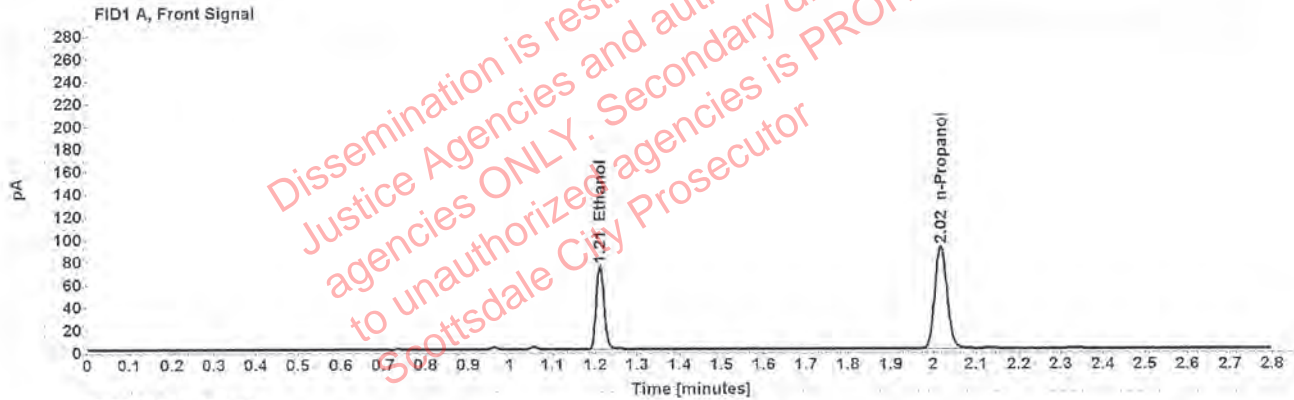


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1471	1.211	95.852
n-Propanol	-----	2.017	182.792

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

Compound	Time (min)	Peak Area
Ethanol	1.378	118.513
n-Propanol	2.471	216.851

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293197	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:45:23 PM
Data file:	C:\Chem32\1\Data\06Nov19\16.D	Analyst:	Canonico

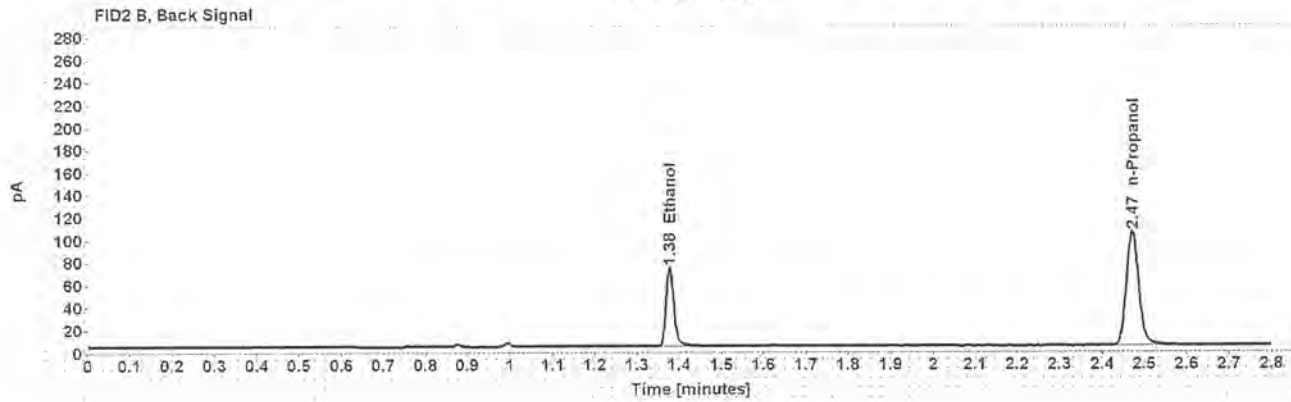
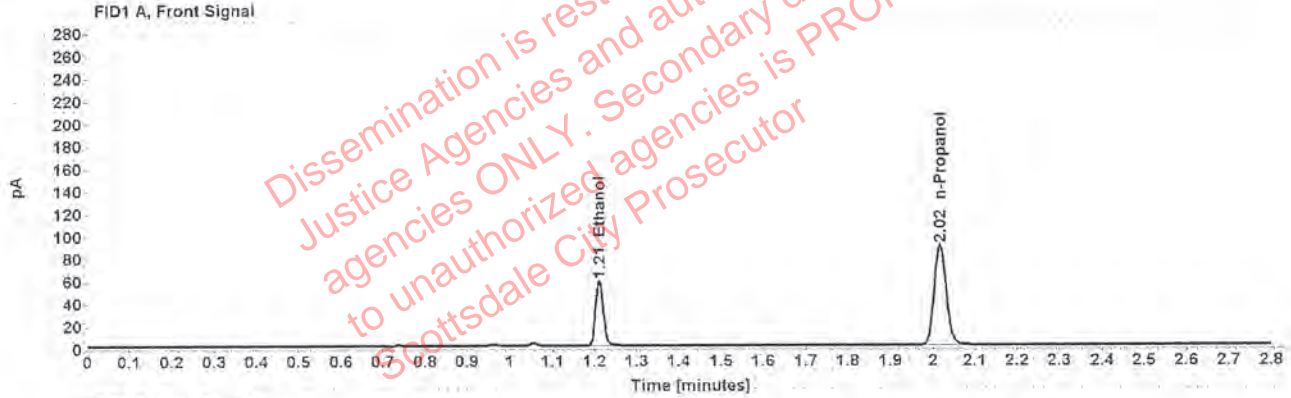


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1185	1.211	74.573
n-Propanol	-----	2.017	176.786

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

Compound	Time (min)	Peak Area
Ethanol	1.377	90.646
n-Propanol	2.471	210.877

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293197	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:49:23 PM
Data file:	C:\Chem32\1\Data\06Nov19\17.D	Analyst:	Canonico

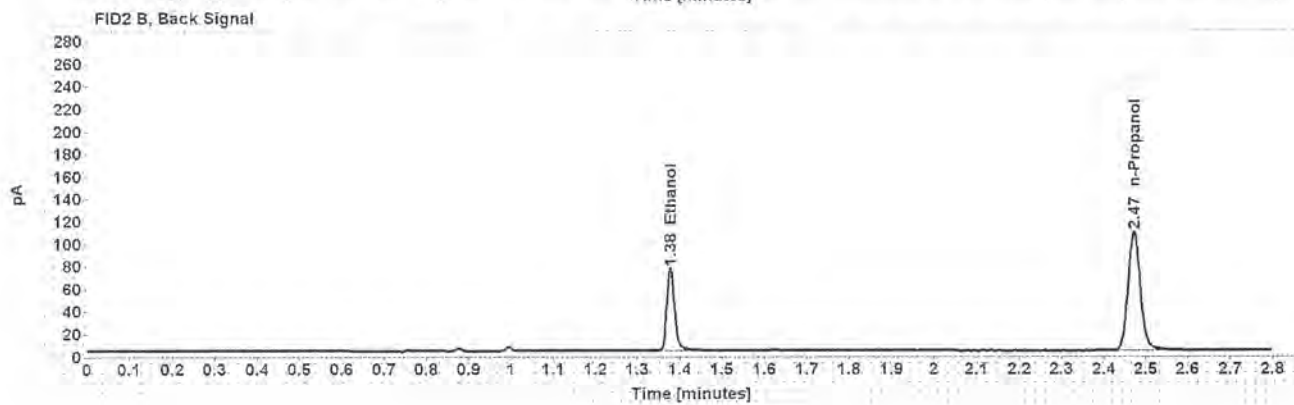
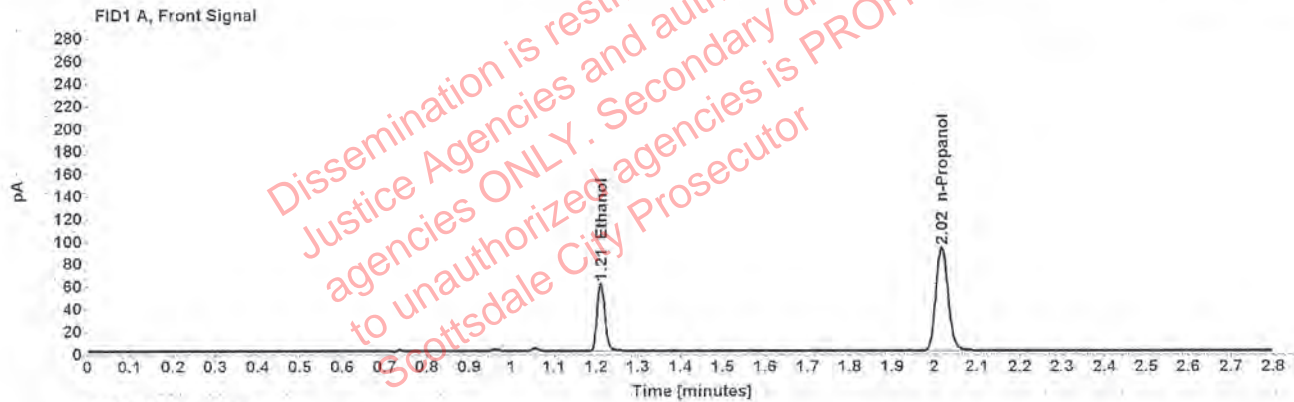


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1194	1.211	77.882
n-Propanol	-----	2.017	183.247

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

Compound	Time (min)	Peak Area
Ethanol	1.378	94.605
n-Propanol	2.471	219.425

Case: [REDACTED] User: ecanonico 11/7/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279171	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:53:24 PM
Data file:	C:\Chem32\1\Data\06Nov19\18.D	Analyst:	Canonico

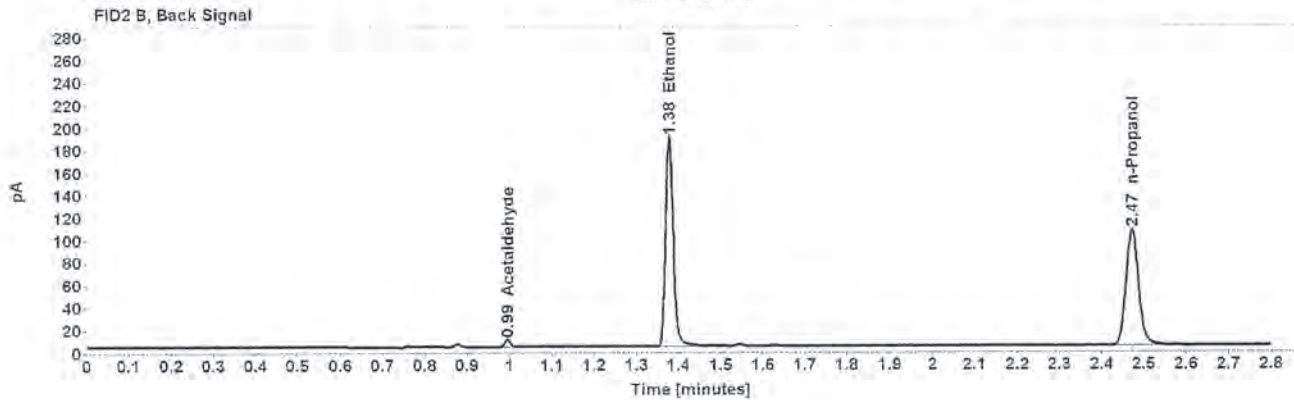
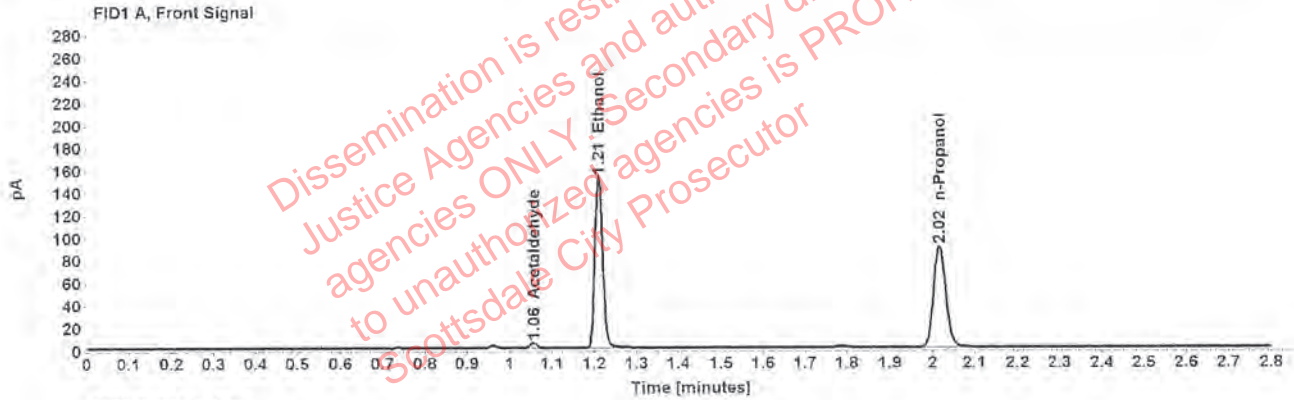


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.574
>Ethanol	0.3026	1.210	194.479
n-Propanol	-----	2.017	179.836

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.933
Ethanol	1.377	239.932
n-Propanol	2.471	215.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1279171	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 1:57:38 PM
Data file:	C:\Chem32\1\Data\06Nov19\19.D	Analyst:	Canonico

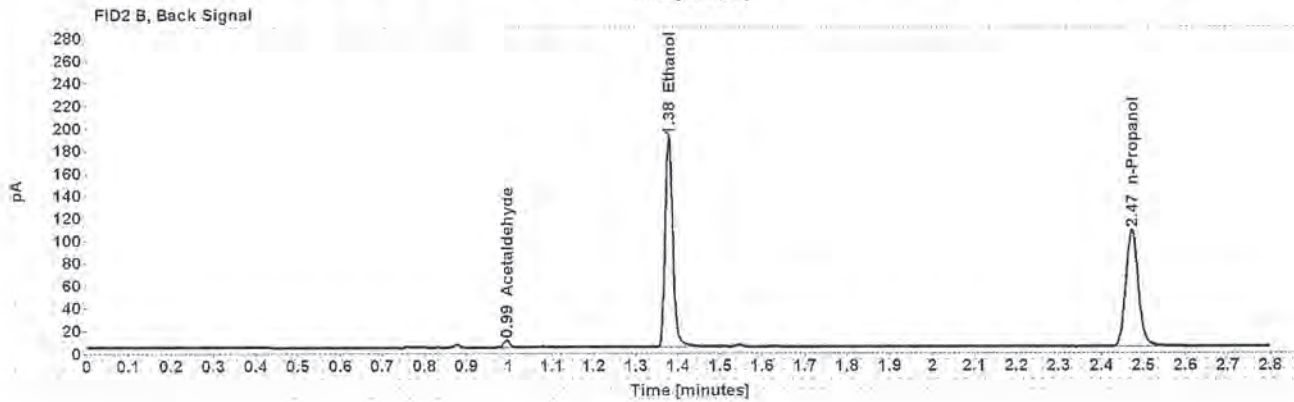
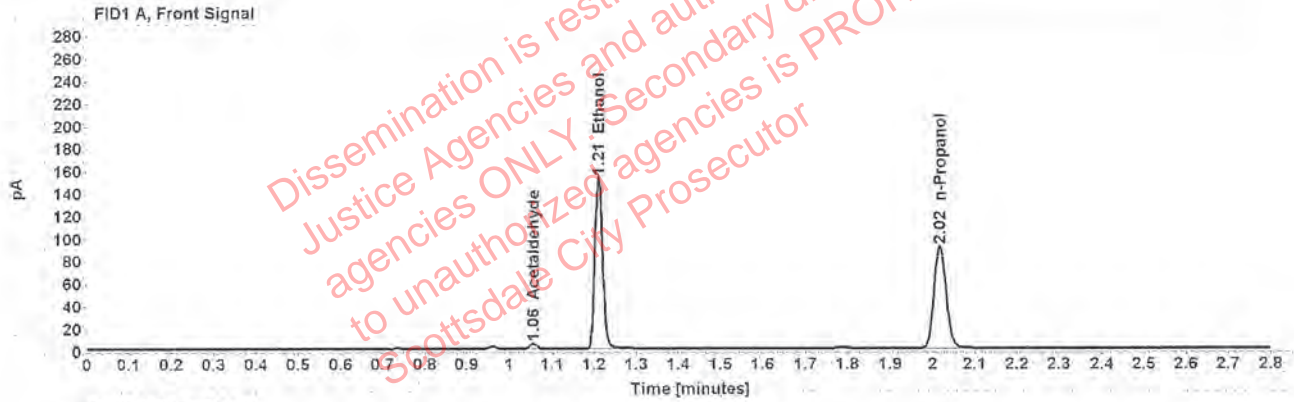


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.643
>Ethanol	0.3032	1.210	195.365
n-Propanol	-----	2.017	180.332

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.035
Ethanol	1.377	240.713
n-Propanol	2.471	214.907

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292054	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:05:38 PM
Data file:	C:\Chem32\1\Data\06Nov19\21.D	Analyst:	Canonico

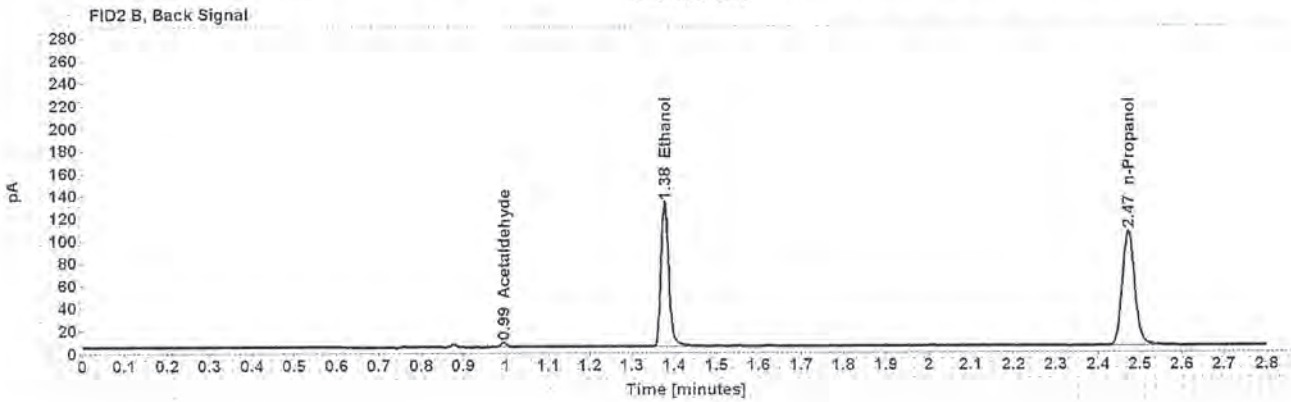
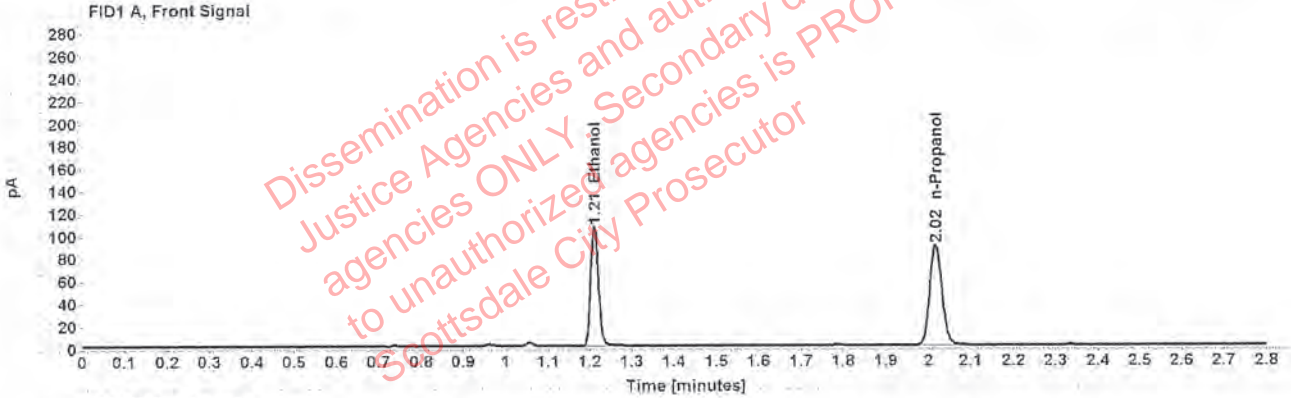


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2138	1.211	135.535
n-Propanol	-----	2.017	177.593

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.995	3.880
Ethanol	1.377	167.133
n-Propanol	2.472	213.096

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292054	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:09:38 PM
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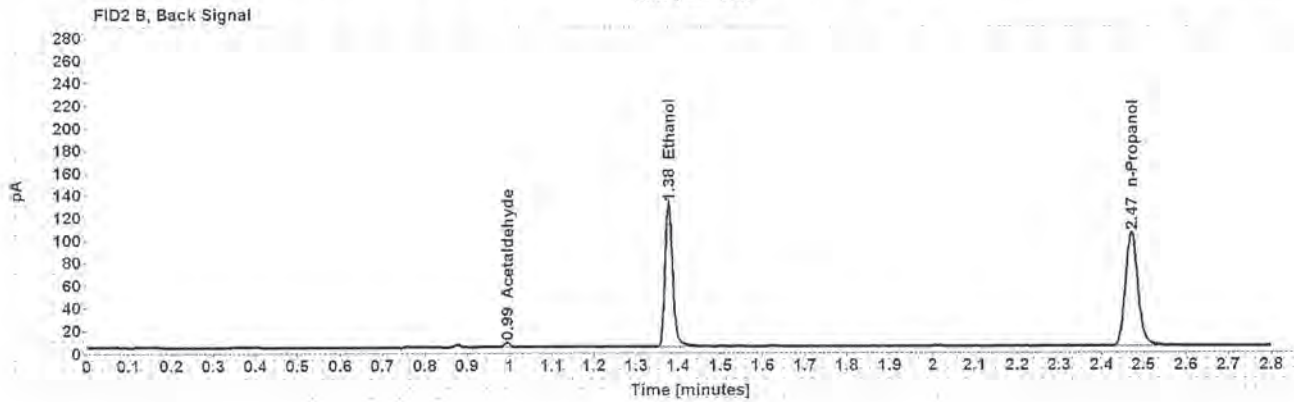
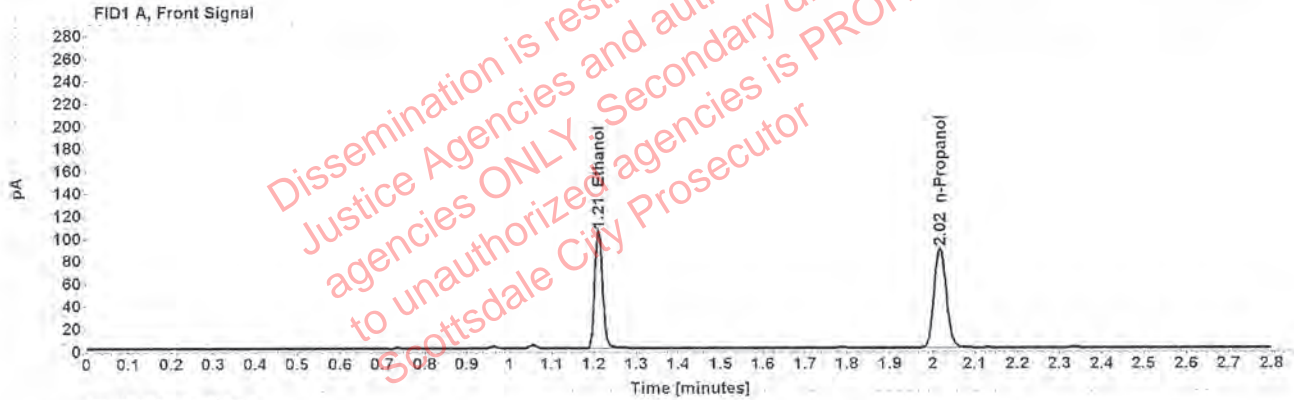


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2131	1.210	133.777
n-Propanol	-----	2.017	175.900

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.900
Ethanol	1.377	165.286
n-Propanol	2.471	210.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292498	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:13:37 PM
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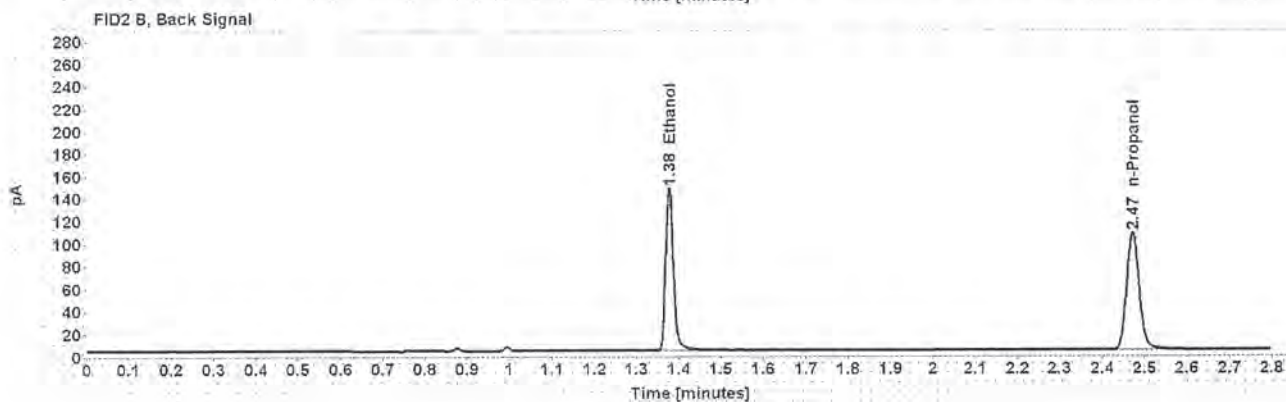
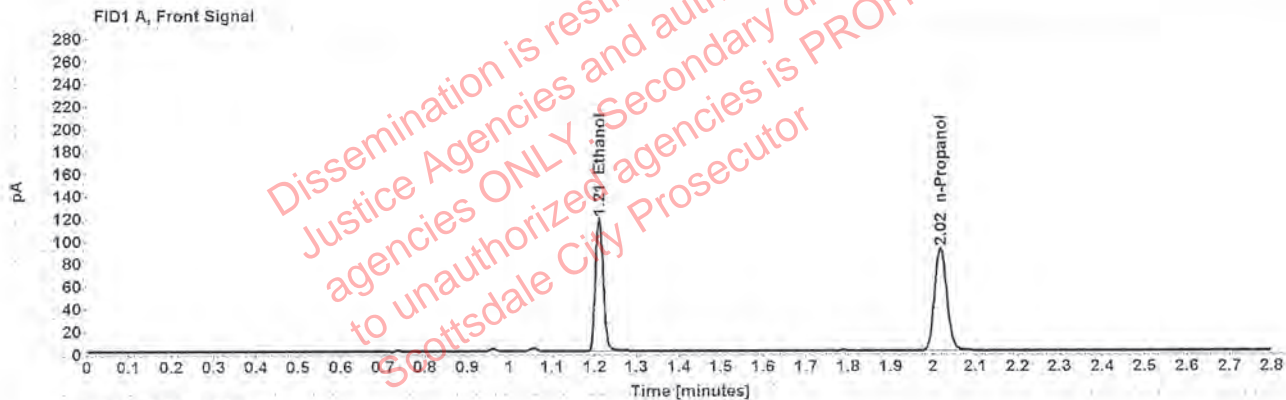


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2337	1.211	151.368
n-Propanol	-----	2.017	181.418

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

Compound	Time (min)	Peak Area
Ethanol	1.377	187.046
n-Propanol	2.471	217.665

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292498	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:17:39 PM
Data file:	C:\Chem32\1\Data\06Nov19\24.D	Analyst:	Canonico

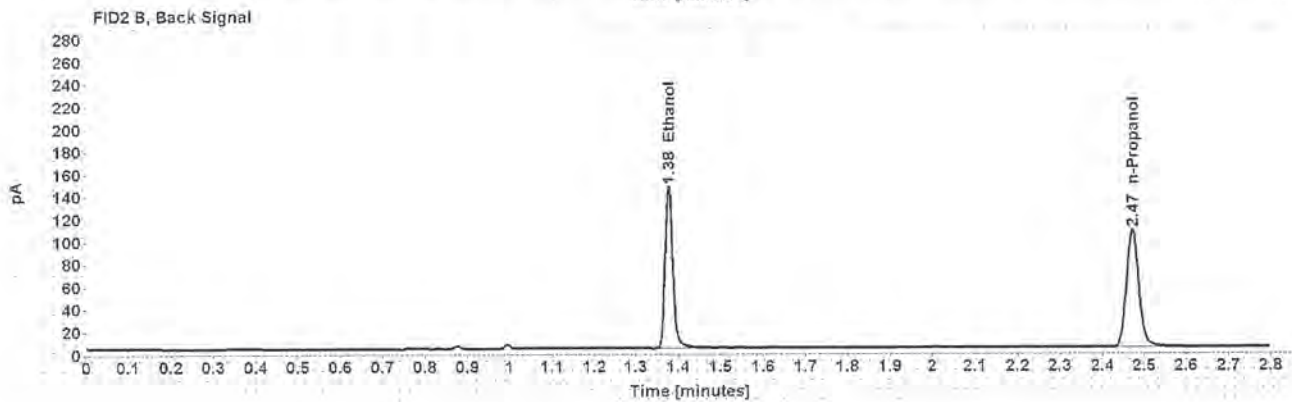
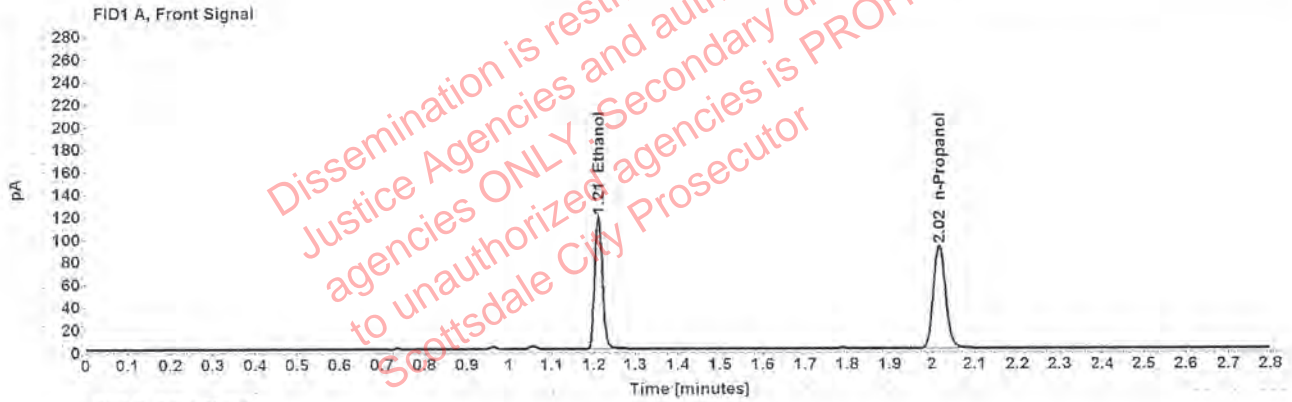


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2327	1.211	150.858
n-Propanol	-----	2.017	181.533

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

Compound	Time (min)	Peak Area
Ethanol	1.377	186.110
n-Propanol	2.471	217.995

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292331	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:21:53 PM
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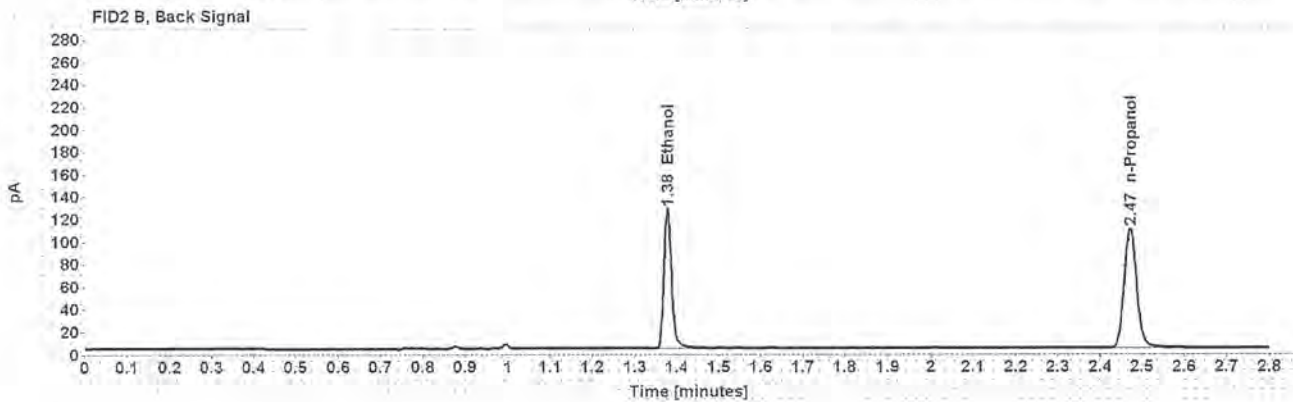
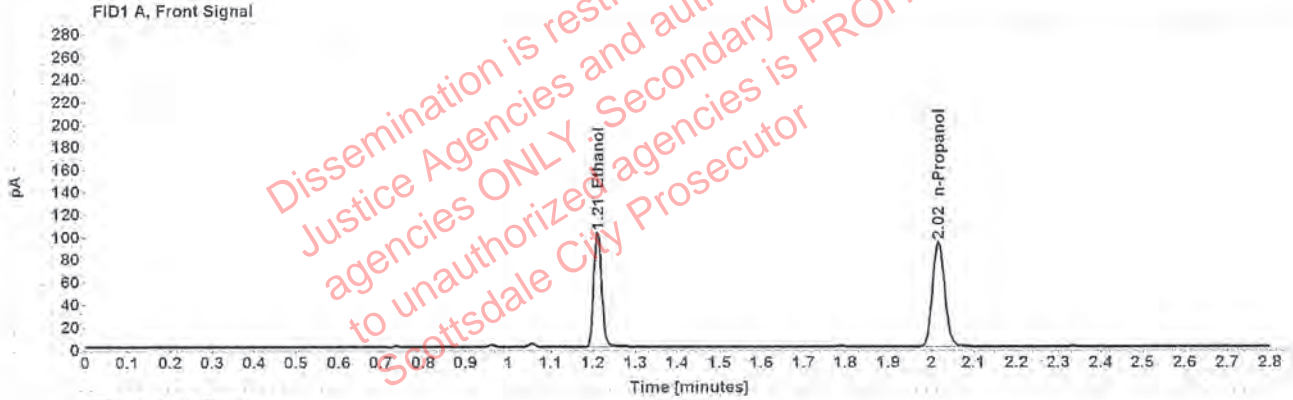


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.211	131.105
n-Propanol	-----	2.017	185.221

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

Compound	Time (min)	Peak Area
Ethanol	1.377	161.701
n-Propanol	2.471	222.294

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1292331	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:25:52 PM
Data file:	C:\Chem32\1\Data\06Nov19\26.D	Analyst:	Canonico

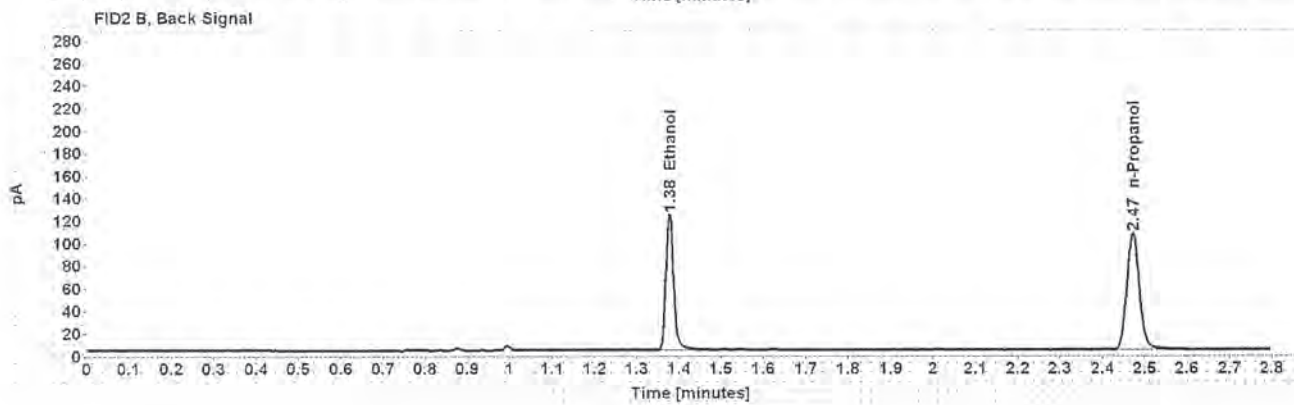
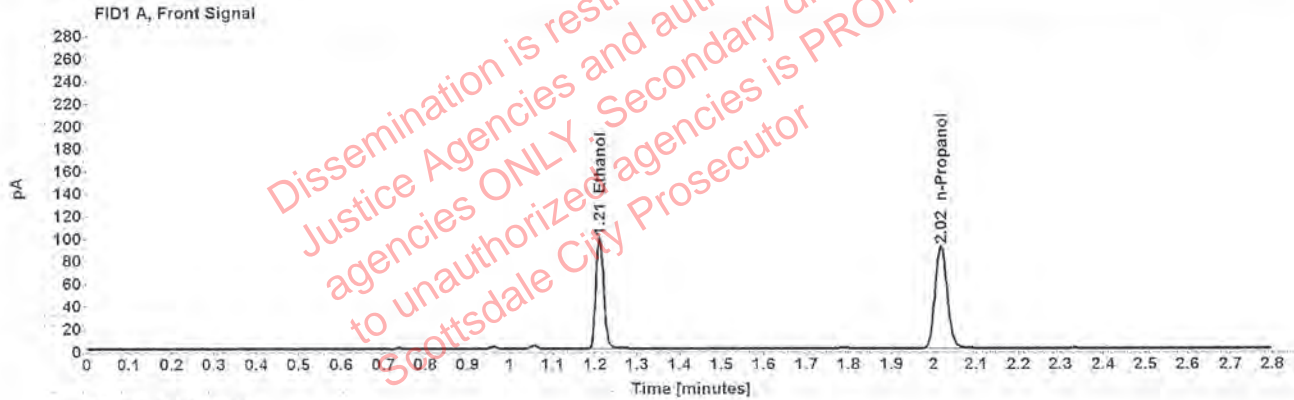


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1975	1.211	126.807
n-Propanol	-----	2.017	179.943

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

Compound	Time (min)	Peak Area
Ethanol	1.377	156.715
n-Propanol	2.471	216.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1271266	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:29:52 PM
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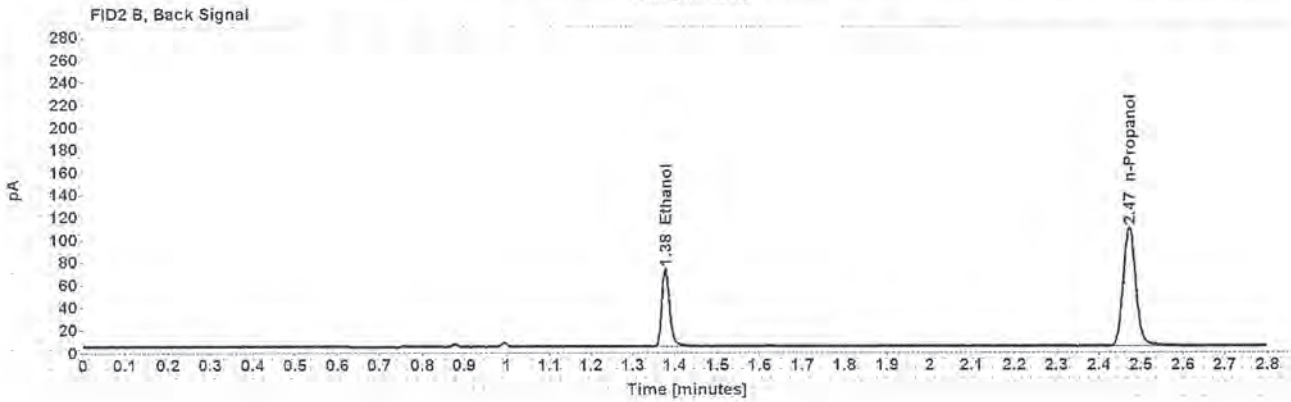
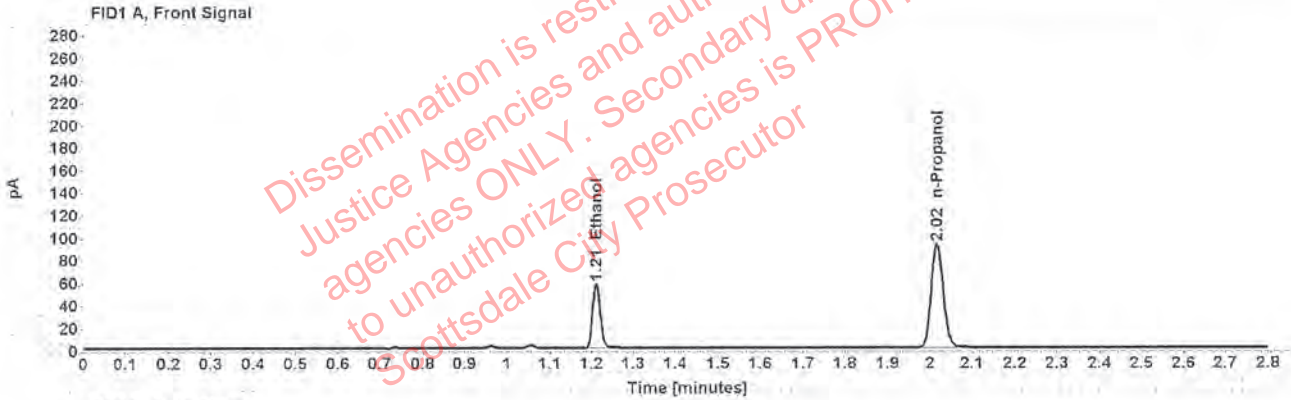


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1118	1.211	73.209
n-Propanol	-----	2.017	184,070

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

Compound	Time (min)	Peak Area
Ethanol	1.378	89.248
n-Propanol	2.471	220.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1271266	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06Nov19
Instrument:	US14173023 CN14160045	Injection date:	11/6/2019 2:33:54 PM
Data file:	C:\Chem32\1\Data\06Nov19\28.D	Analyst:	Canonico

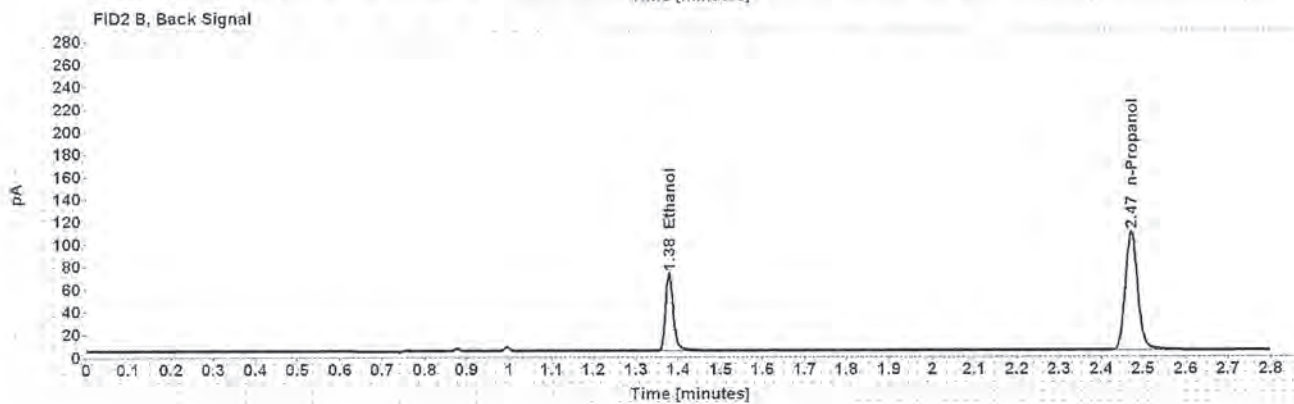
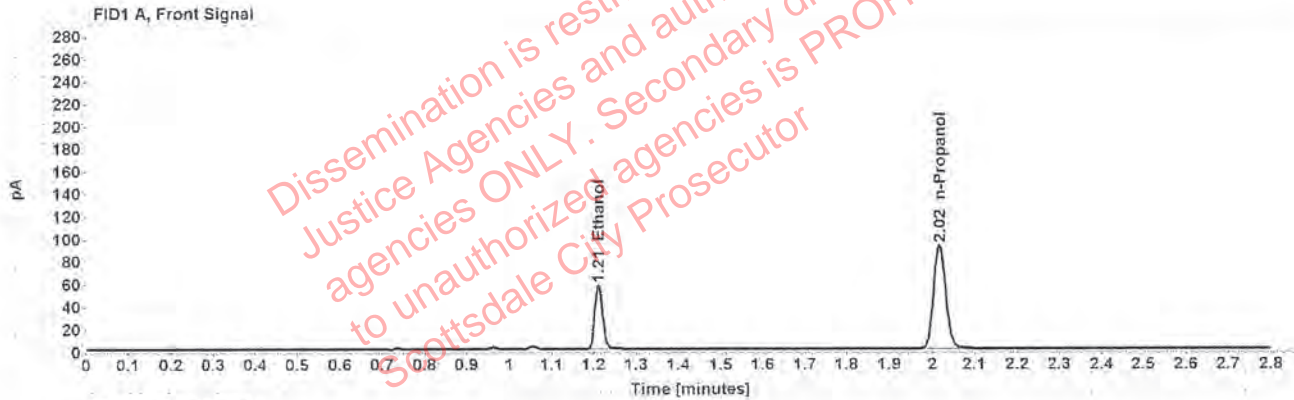


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1121	1.211	73.262
n-Propanol	-----	2.017	183.702

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

Compound	Time (min)	Peak Area
Ethanol	1.378	90.860
n-Propanol	2.472	219.552