

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/6/23 SEQUENCE NAME 06Jan23

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99941  
 Vial 3 0.20 calibrator Lot FN02052101  
 Vial 4 0.40 calibrator Lot FN03052102

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100722AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.388 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.196 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/8
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
51	Aqueous control	0.400 g/dL	0.393 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.043 g/dL	Lipomed 14082019-B
53	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/8
54	Blank	Not detected	Not detected	SPD lab 101921WB

**SUBJECT SAMPLES**

Subjects in the sequence 19 Subjects requiring reanalysis 19

**ADDITIONAL NOTES:** The run is not valid due to a control failure at vial position 52. All of the samples were reanalyzed in sequence 09Jan23.

Run valid   
 Run invalid

*Philip Beard*  
 Analyst

Run valid   
 Run invalid

*Erika Canonico*  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 06Jan23

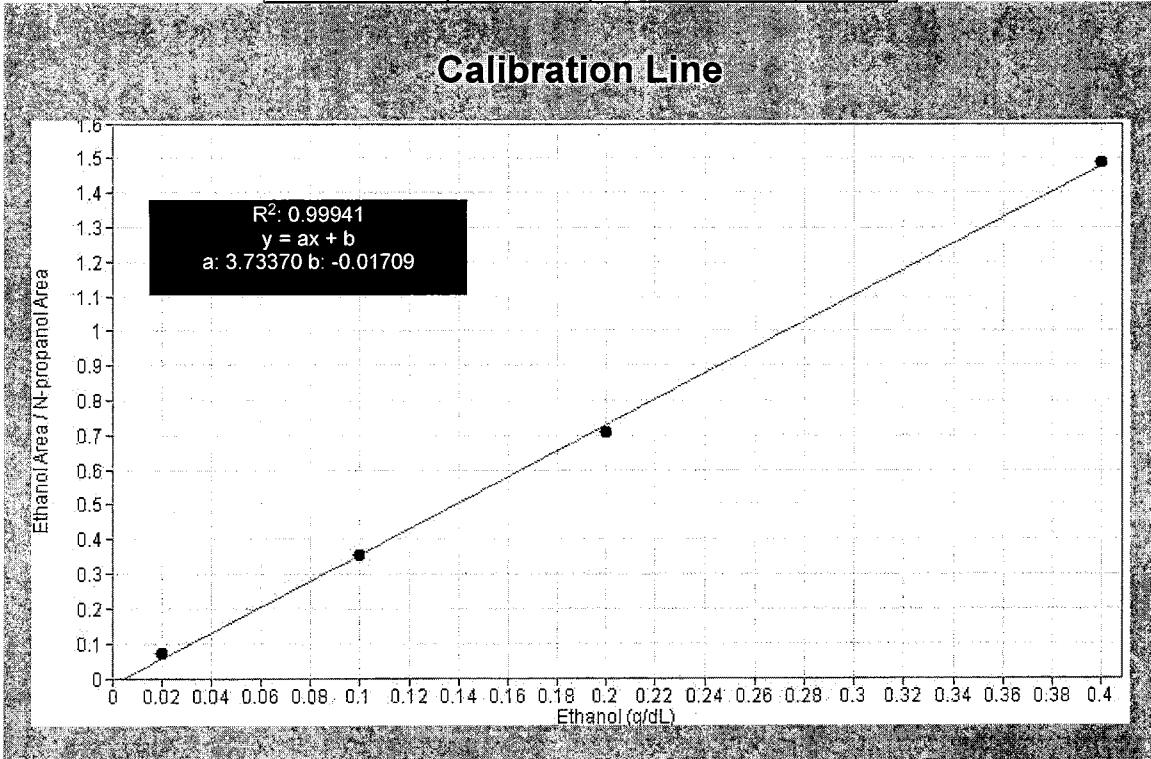
ANALYST: Brooke PB

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.388	0.400	3.00	-0.012
0.040 14082019-B	8	0.042	0.040	5.00	0.002
0.199 4110320133/8	9	0.196	0.199	1.51	-0.003
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.199 4110320133/8	31	0.203	0.199	2.01	0.004
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	51	0.393	0.400	1.75	-0.007
0.040 14082019-B	52	0.043	0.040	7.50	0.003
0.199 4110320133/8	53	0.200	0.199	0.50	0.001
blank 101921WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.761	167.736	0.070
0.100	58.800	166.231	0.354
0.200	118.735	167.312	0.710
0.400	270.734	182.141	1.486

VOID

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN10051909	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	06Jan23
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	1/6/2023 3:22:57 PM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Brooke <span style="float: right;">PB</span>
<b>Data file:</b>	C:\Chem32\1\Data\06Jan23\1.D		

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VOID

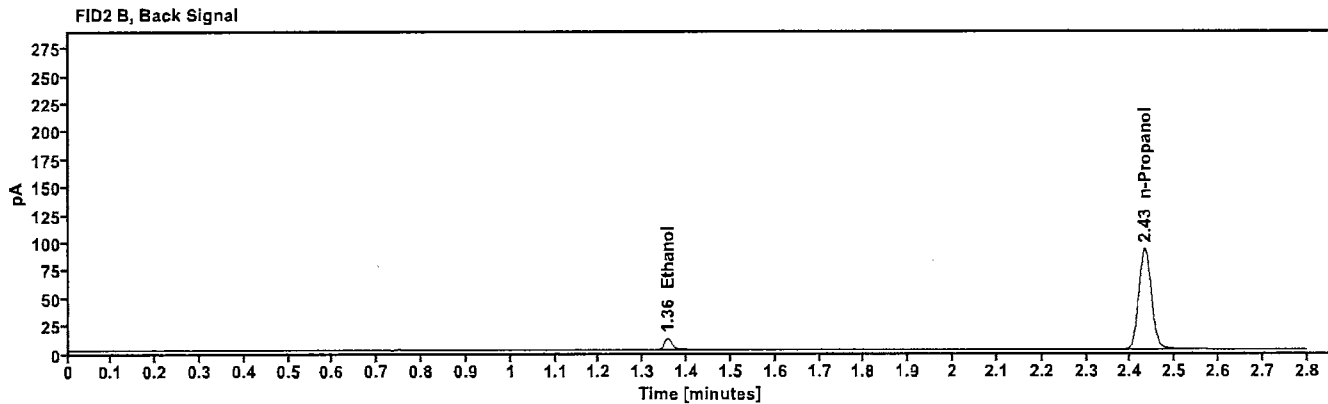
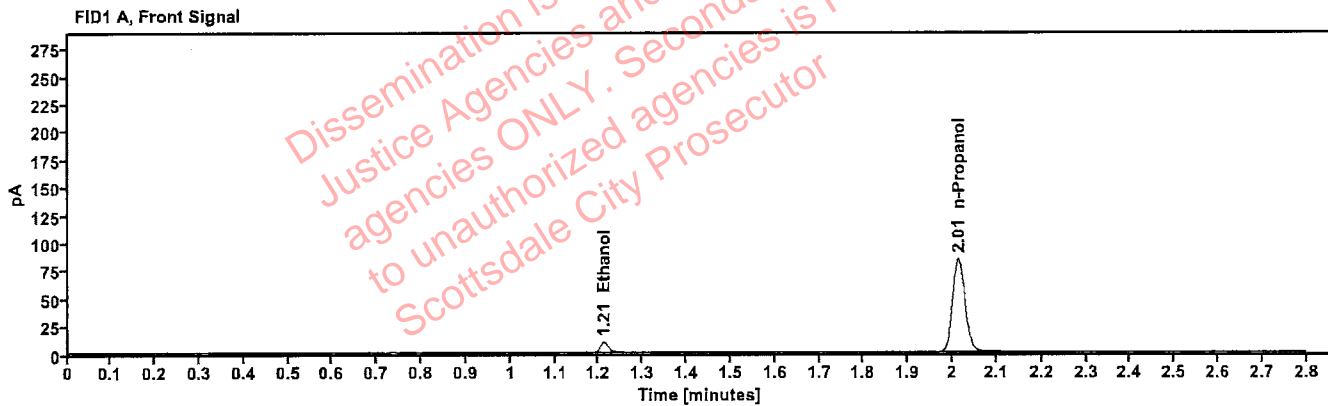


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.761
n-Propanol	2.014	167.736

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

Compound	Time (min)	Peak Area
Ethanol	1.356	12.738
n-Propanol	2.432	181.503

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	06Jan23
Method:	ethanol quant.M	Injection date:	1/6/2023 3:26:57 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <b>PB</b>
Data file:	C:\Chem32\1\Data\06Jan23\2.D		

## VOID

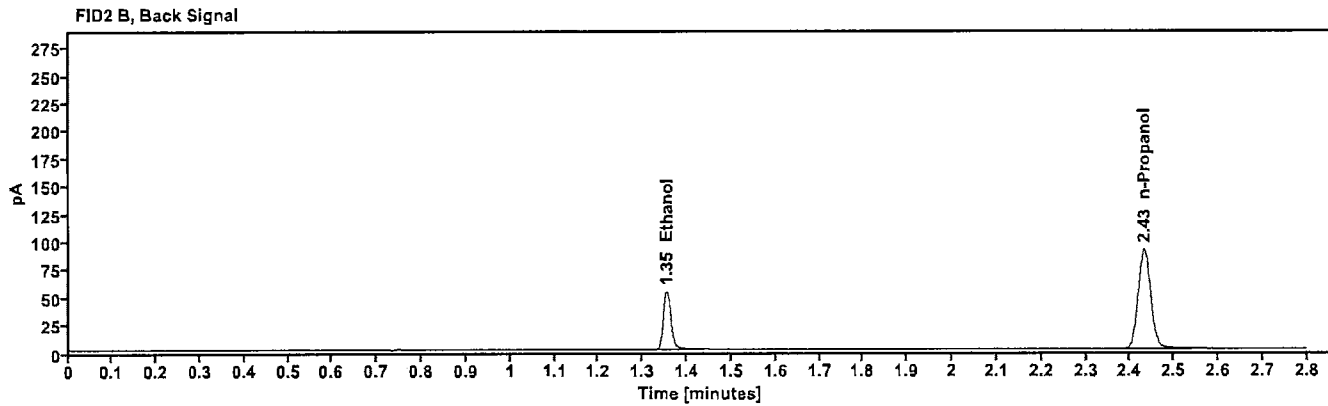
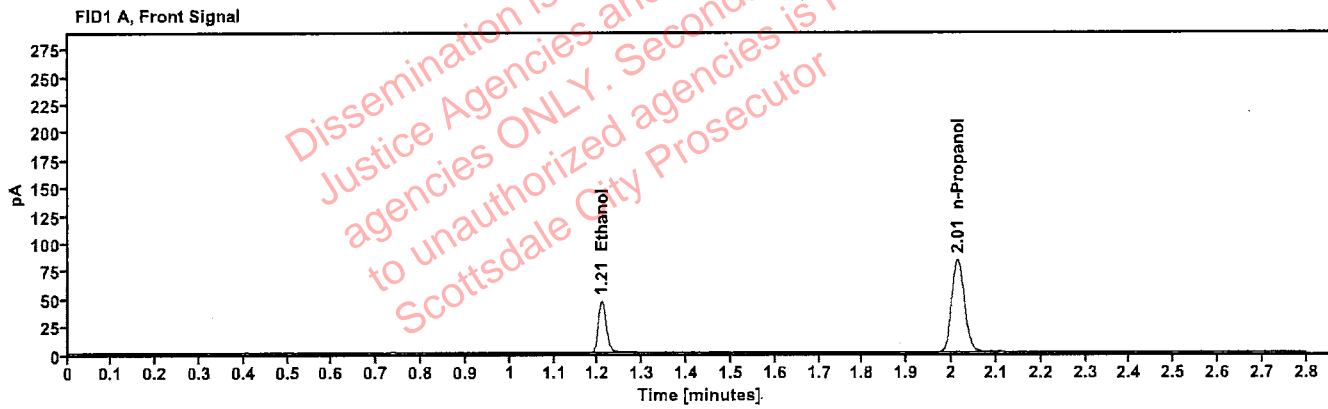


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	58.800
n-Propanol	2.013	166.231

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

Compound	Time (min)	Peak Area
Ethanol	1.354	63.889
n-Propanol	2.431	179.821

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02052101	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 06Jan23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 1/6/2023 3:30:57 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\3.D	

VOID

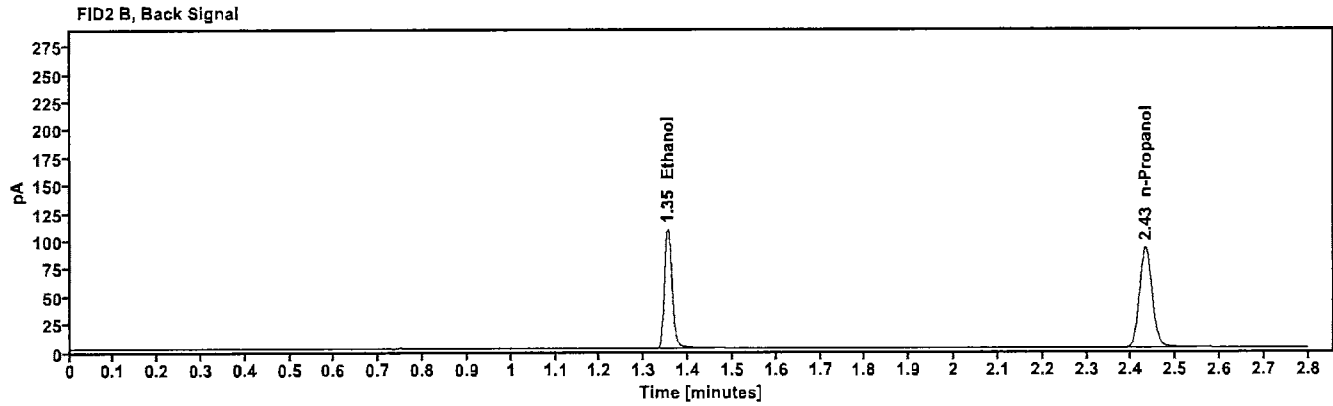
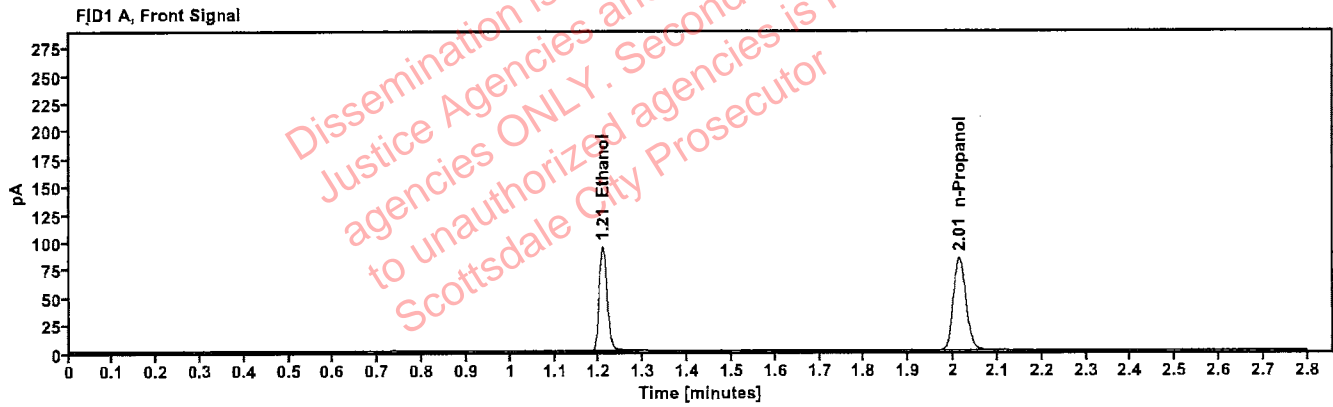


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.735
n-Propanol	2.013	167.312

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

Compound	Time (min)	Peak Area
Ethanol	1.353	130.030
n-Propanol	2.432	181.061

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 06Jan23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 1/6/2023 3:34:57 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>
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## VOID

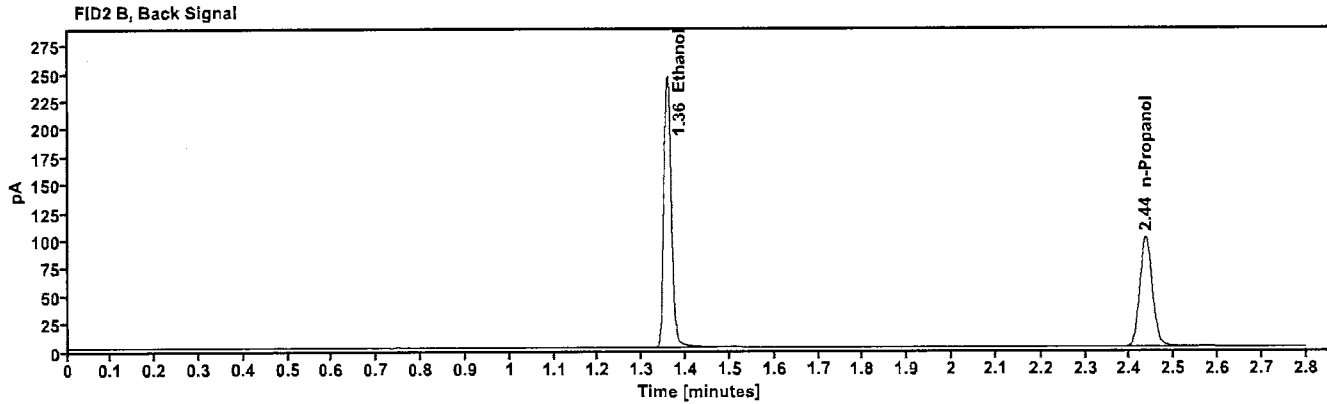
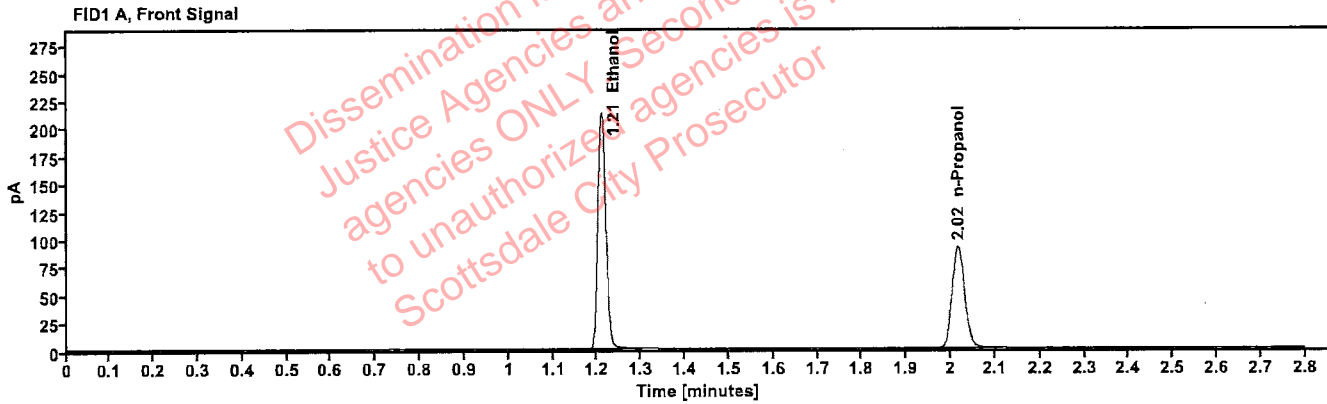


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	270.734
n-Propanol	2.016	182.141

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

Compound	Time (min)	Peak Area
Ethanol	1.358	296.765
n-Propanol	2.436	197.063

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	100722AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 3:38:57 PM
Data file:	C:\Chem32\1\Data\06Jan23\5.D	Analyst:	Brooke

VOID

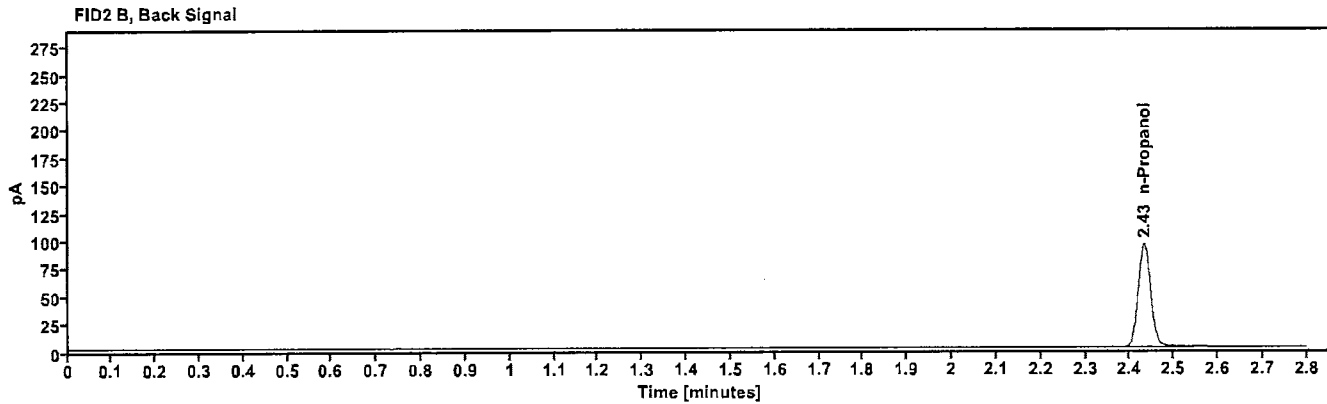
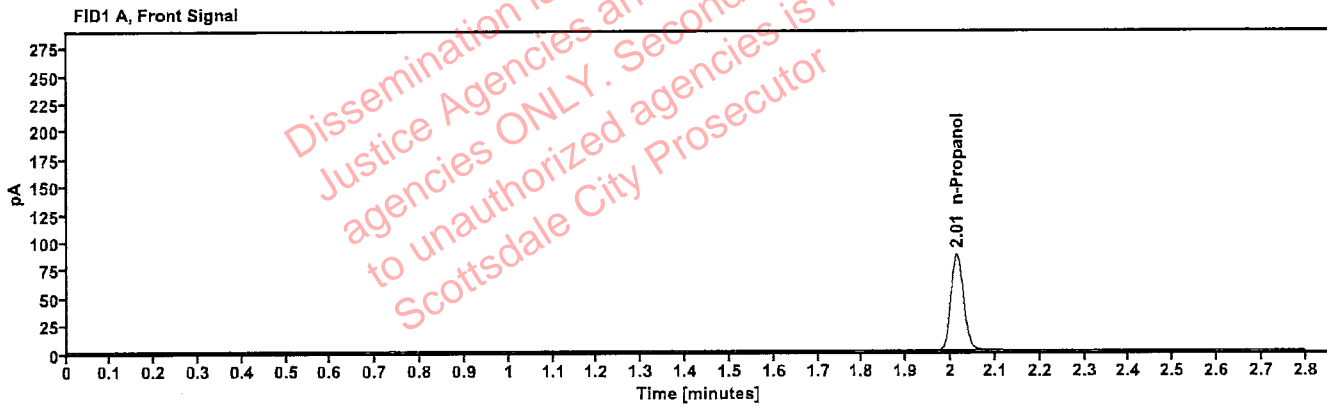


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.013	172.844

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	186.991

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 3:42:57 PM
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VOID

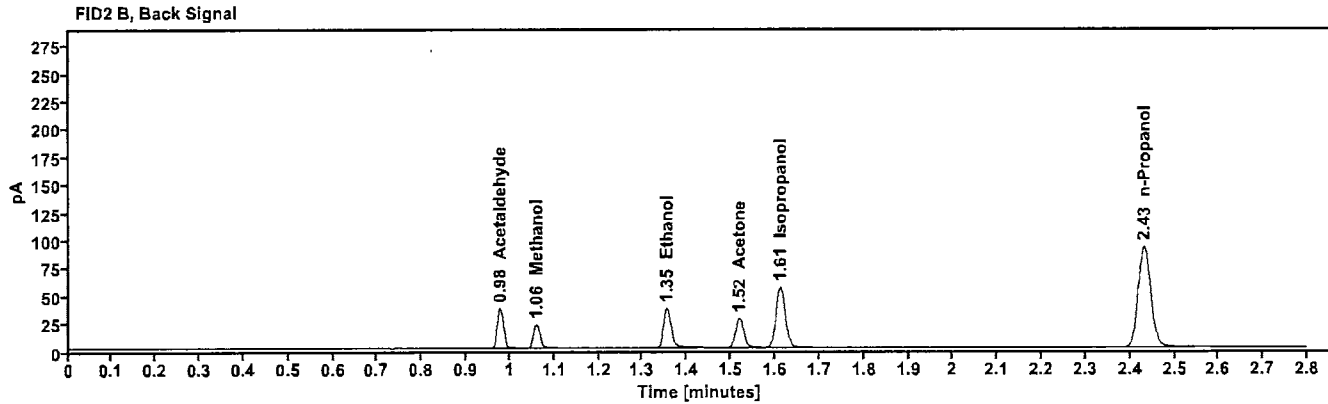
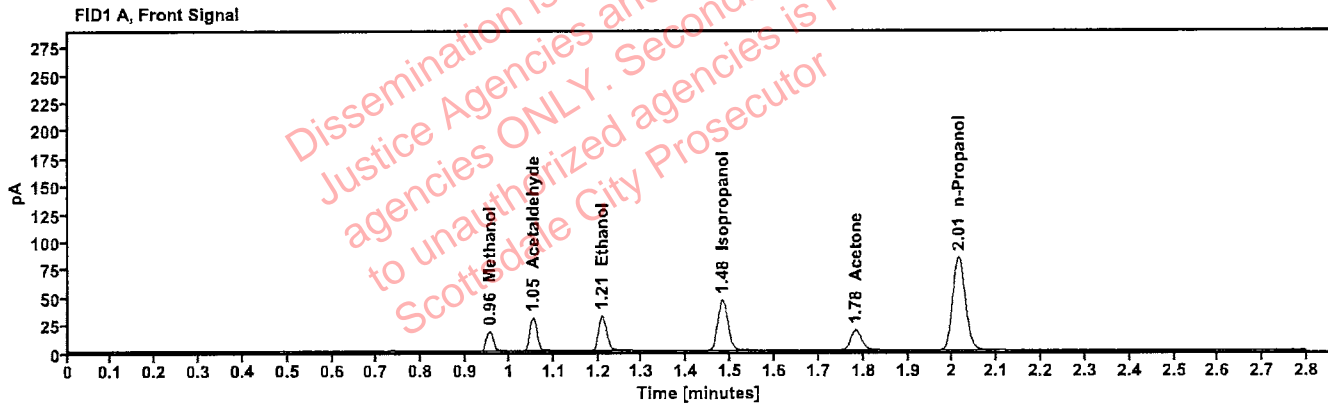


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.022
Acetaldehyde	-----	1.054	32.916
>Ethanol	0.0687	1.209	40.250
Isopropanol	-----	1.482	73.673
Acetone	-----	1.783	31.819
n-Propanol	-----	2.014	168.016

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	36.765
Methanol	1.060	22.017
Ethanol	1.354	43.663
Acetone	1.519	34.830
Isopropanol	1.612	81.378
n-Propanol	2.432	181.848



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 3:47:12 PM
Data file:	C:\Chem32\1\Data\06Jan23\7.D	Analyst:	Brooke <span style="float: right;">PB</span>

## VOID

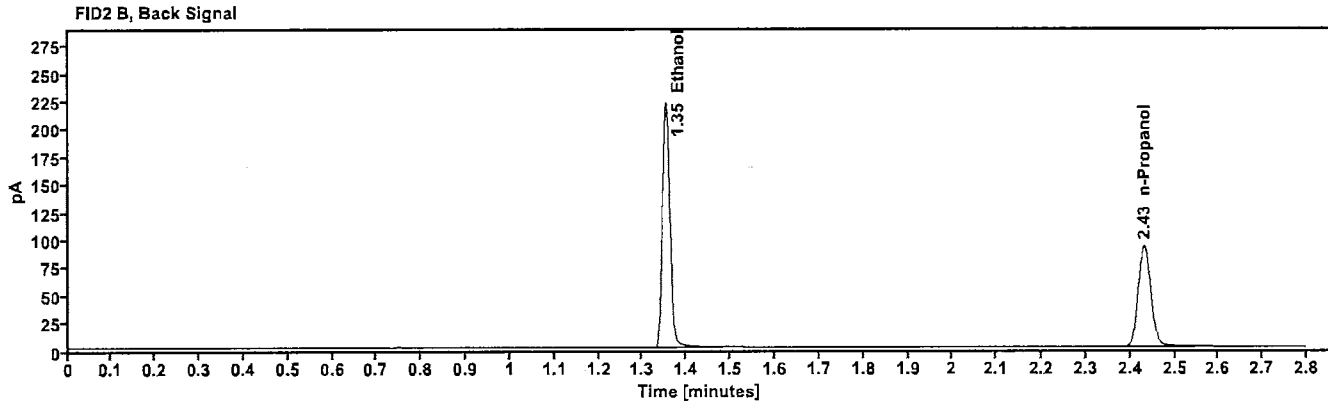
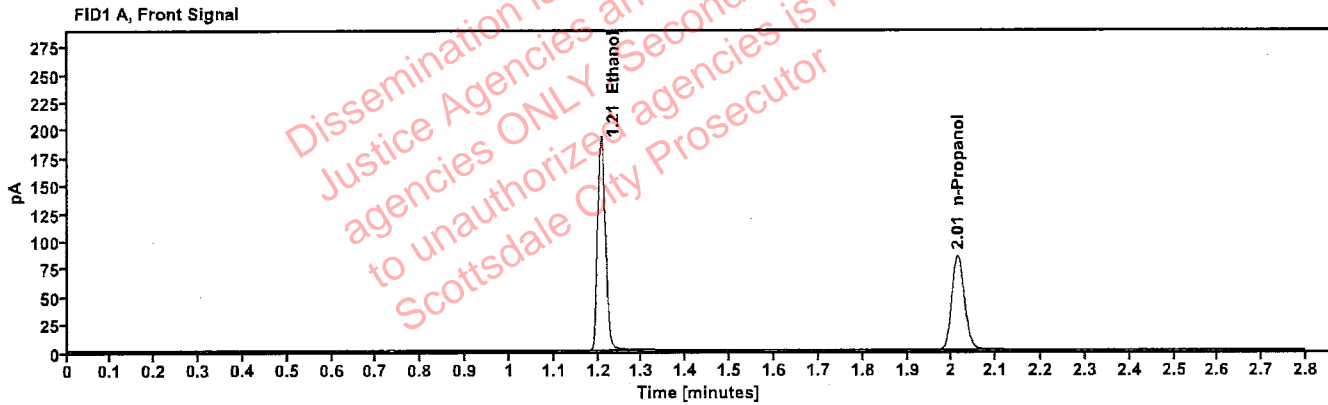


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3884	1.207	242.861
n-Propanol	-----	2.013	169.446

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

Compound	Time (min)	Peak Area
Ethanol	1.353	266.758
n-Propanol	2.432	183.325

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 3:51:12 PM
Data file:	C:\Chem32\1\Data\06Jan23\8.D	Analyst:	Brooke <span style="float: right;">PB</span>

V O I D

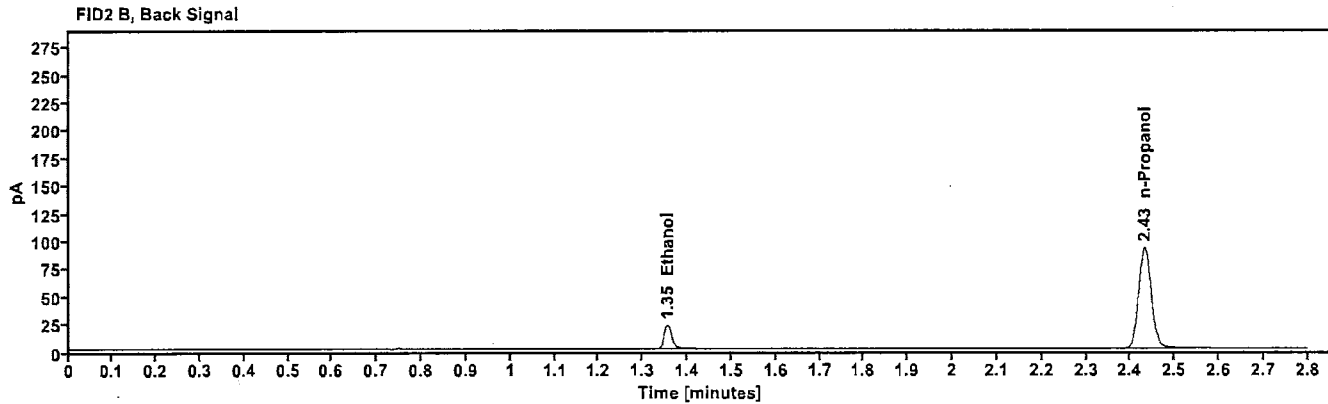
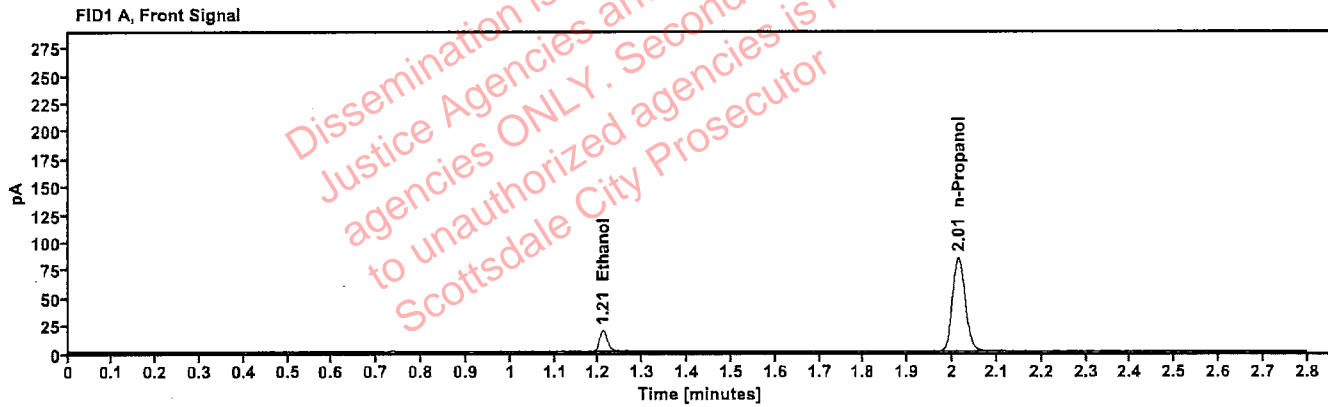


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0427	1.210	23.968
n-Propanol	---	2.013	168.592

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26.189
n-Propanol	2.432	182.563

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 3:55:12 PM
Data file:	C:\Chem32\1\Data\06Jan23\9.D	Analyst:	Brooke <span style="float: right;">PB</span>

## VOID

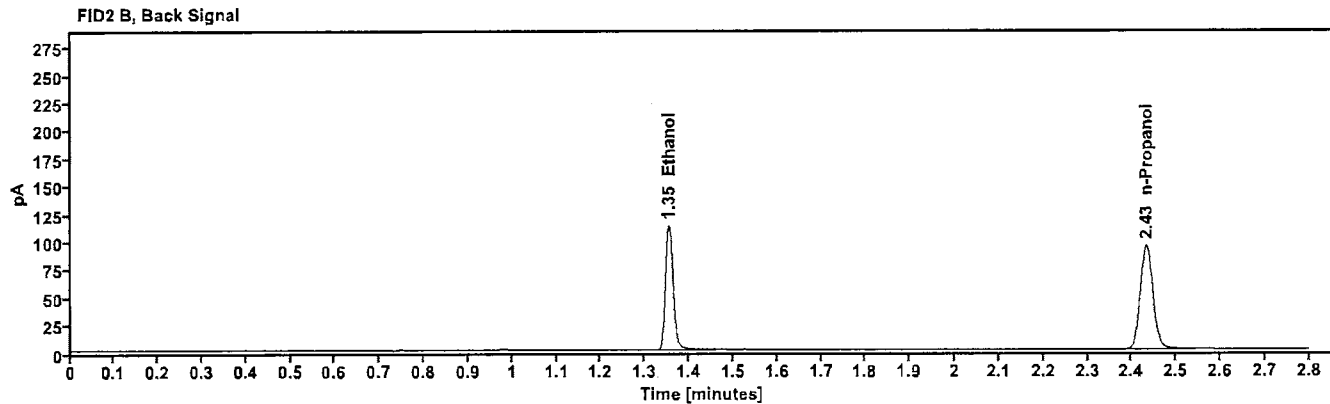
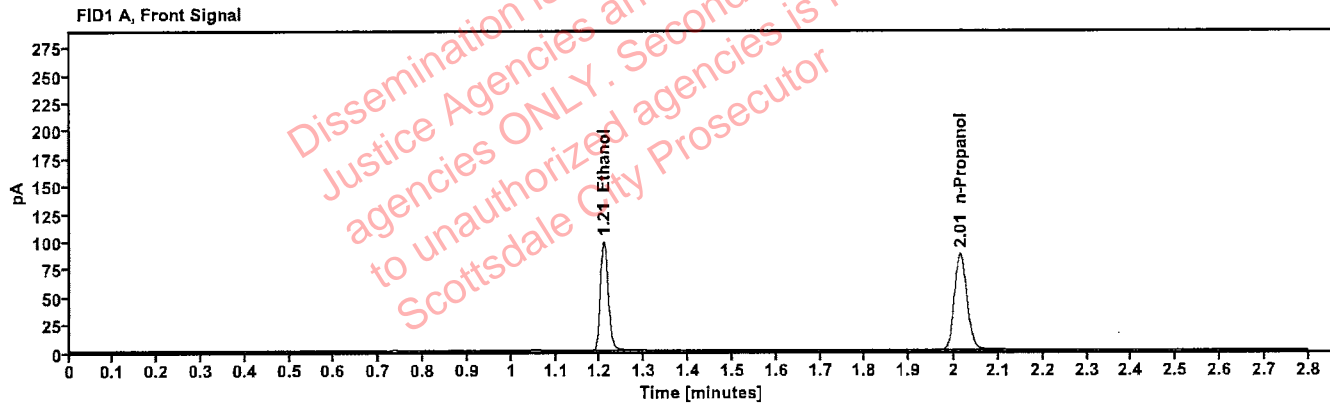


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1969	1.208	124.181
n-Propanol	-----	2.014	172.933

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

Compound	Time (min)	Peak Area
Ethanol	1.354	135.839
n-Propanol	2.432	187.113

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	20012020-B	<b>Vial:</b>	20
<b>Description:</b>	0.080	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	06Jan23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	1/6/2023 4:39:42 PM
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VOID

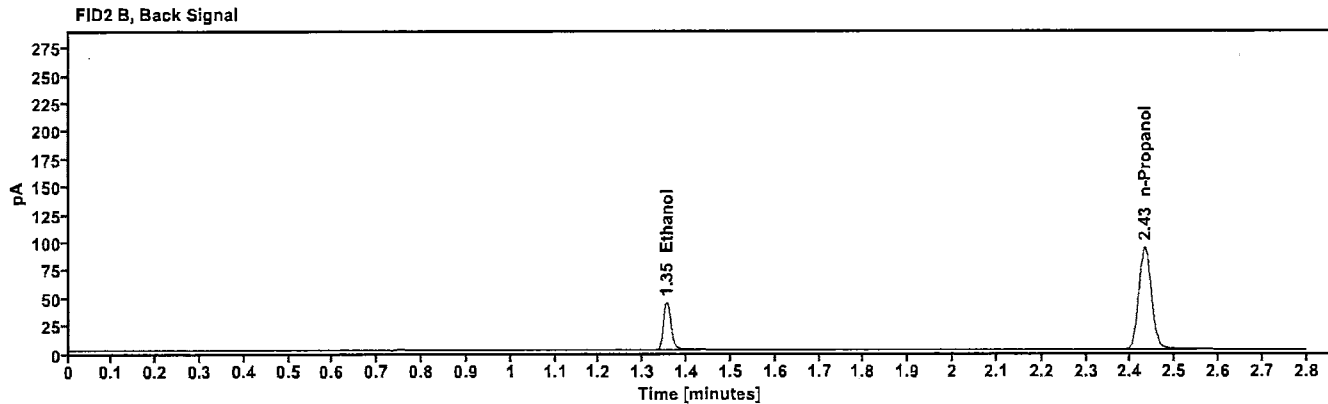
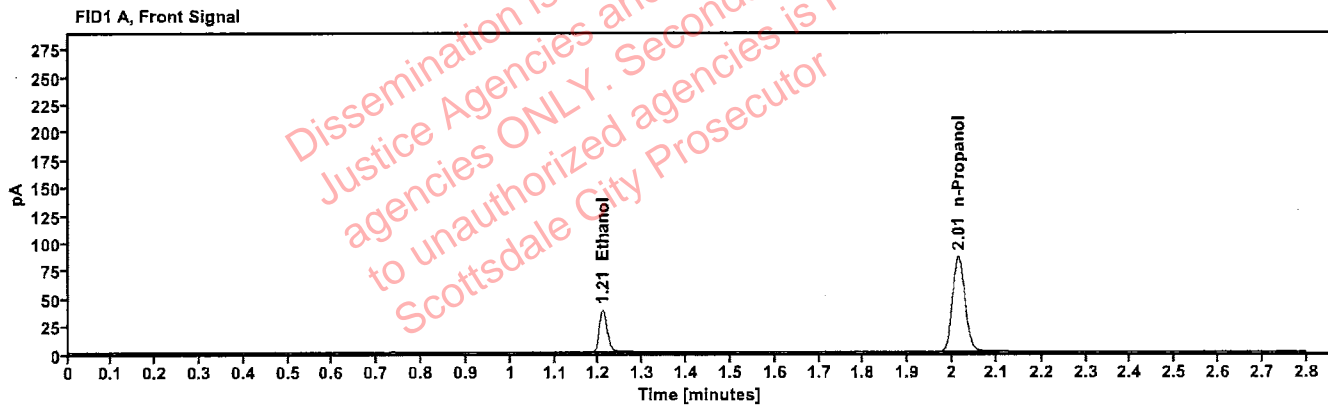


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.209	48.558
n-Propanol	---	2.013	171.374

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.616
n-Propanol	2.432	185.392

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 5:24:12 PM
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## VOID

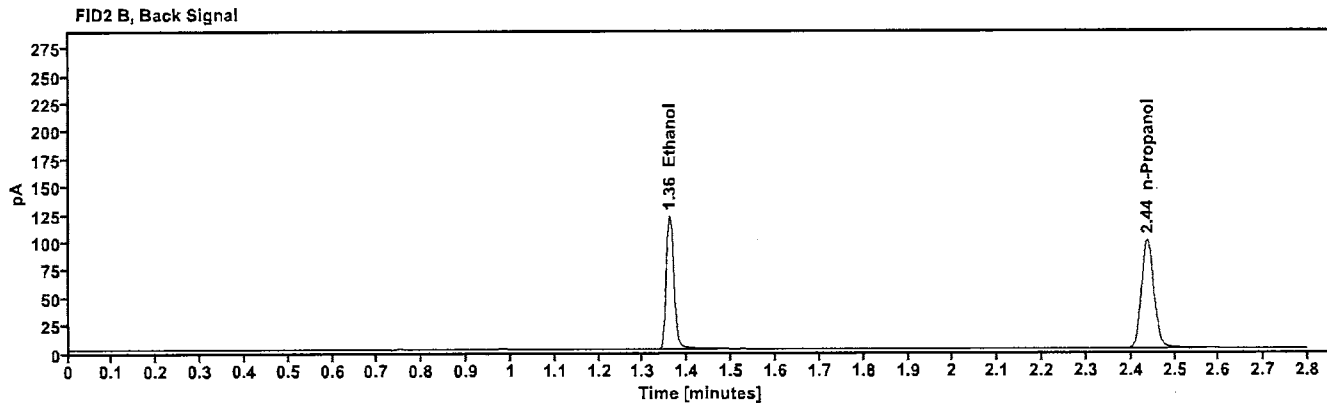
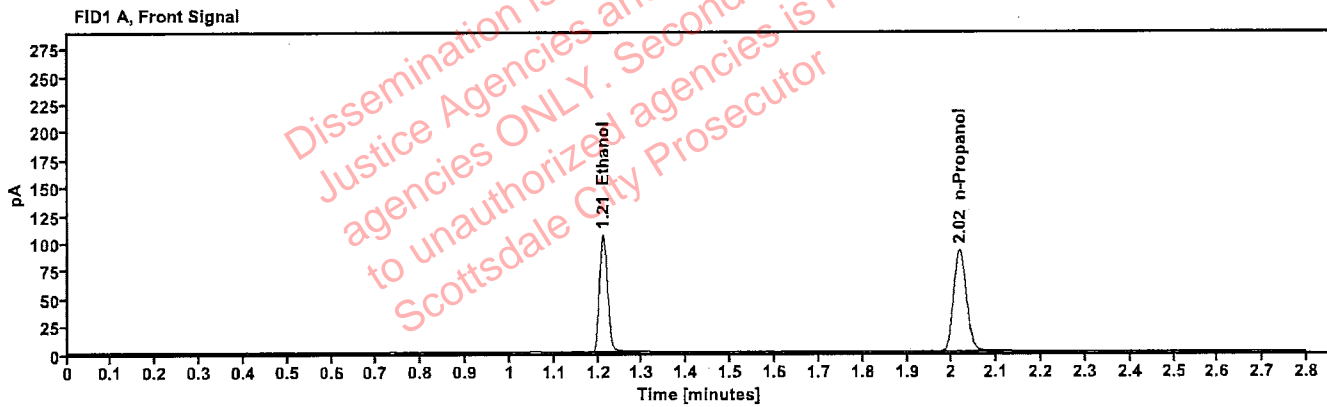


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.211	135.010
n-Propanol	----	2.017	182.124

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

Compound	Time (min)	Peak Area
Ethanol	1.360	147.719
n-Propanol	2.437	196.986

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 6:08:27 PM
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## VOID

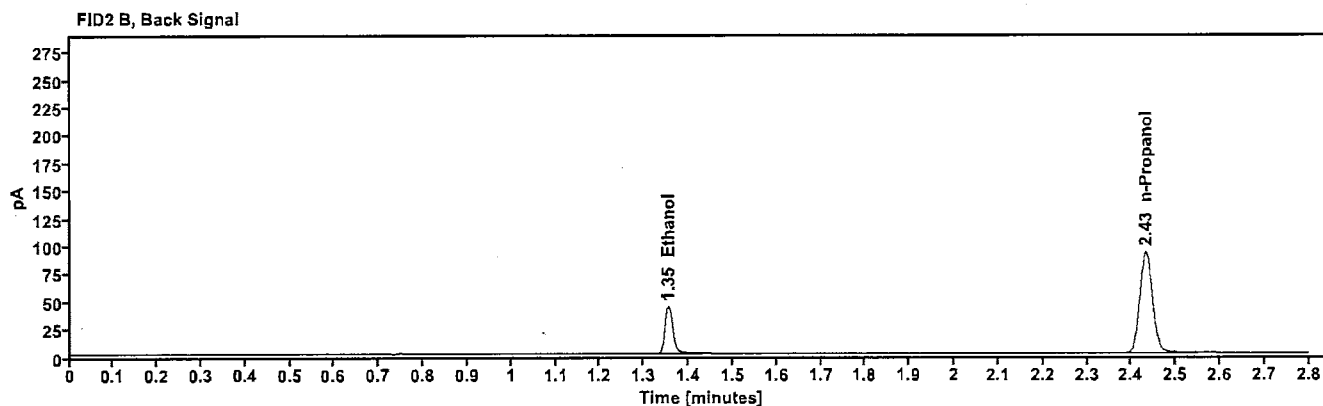
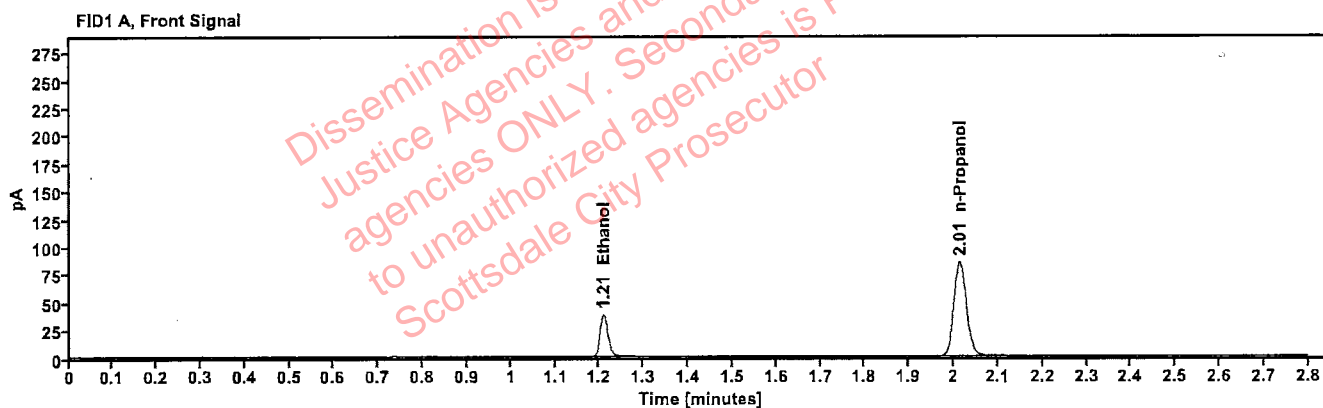


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.209	47.999
n-Propanol	---	2.014	168.959

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.096
n-Propanol	2.432	182.823

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	51
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 6:44:57 PM
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VOID

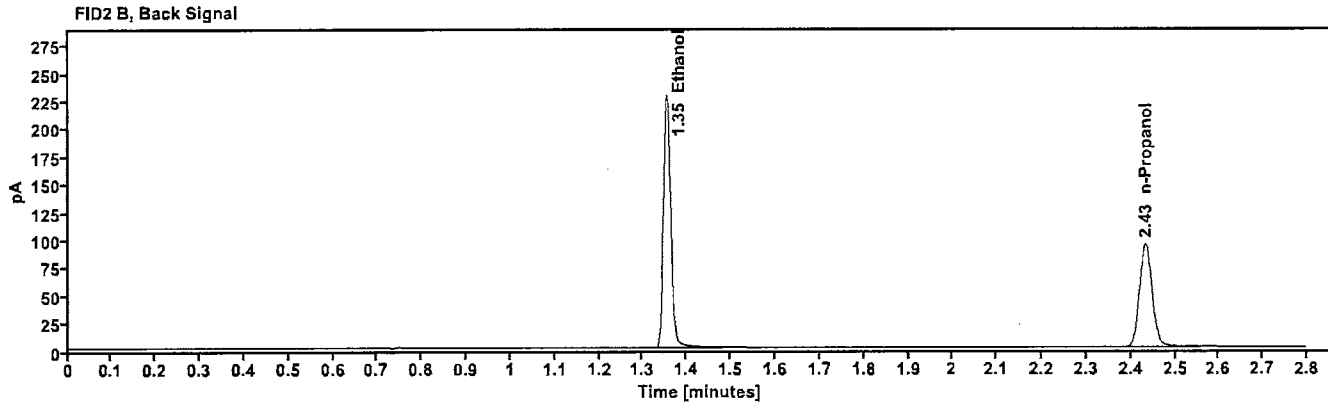
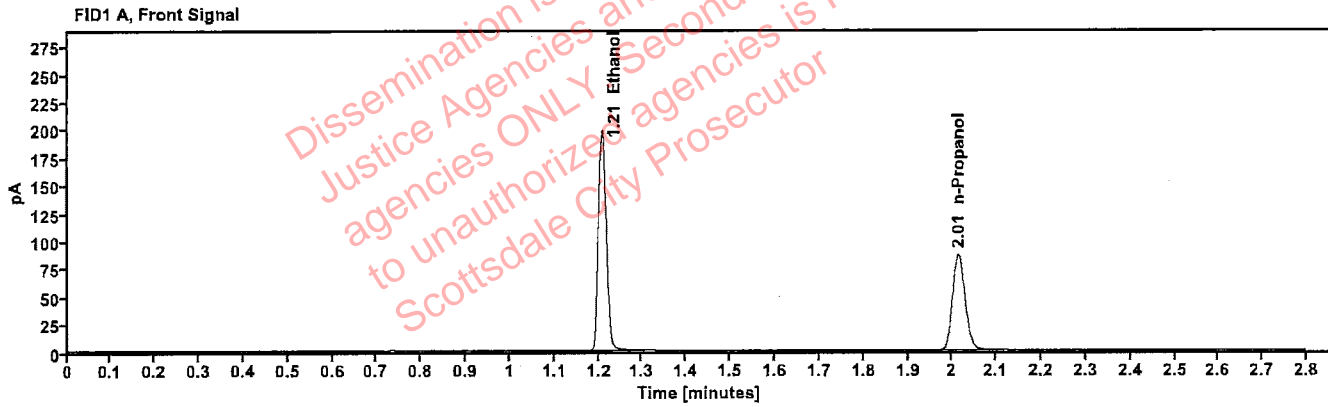


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3935	1.208	250.178
n-Propanol	---	2.014	172.277

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

Compound	Time (min)	Peak Area
Ethanol	1.355	274.559
n-Propanol	2.433	186.425

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	52
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06Jan23
Instrument:	US14173023 CN14160045	Injection date:	1/6/2023 6:48:57 PM
Data file:	C:\Chem32\1\Data\06Jan23\52.D	Analyst:	Brooke <span style="float: right;">PB</span>

VOID

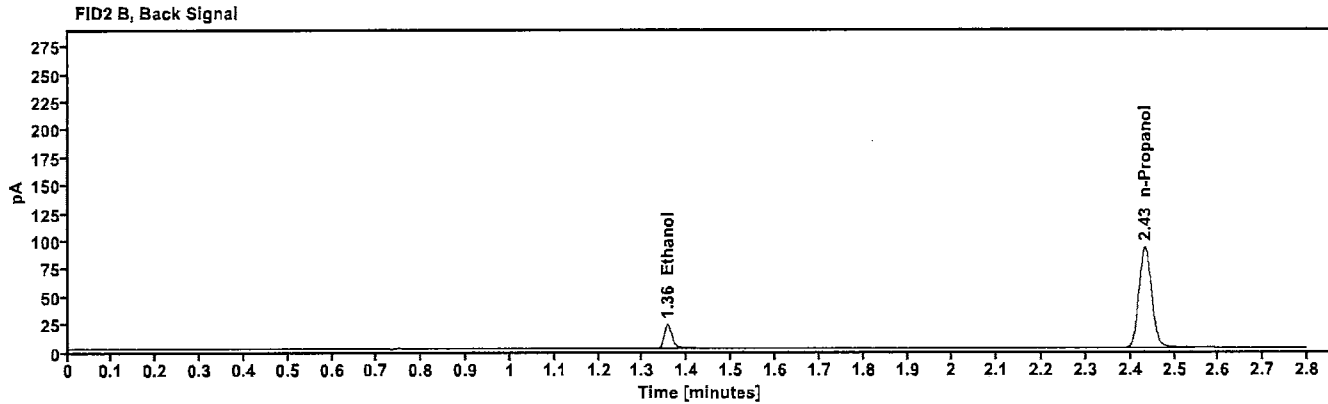
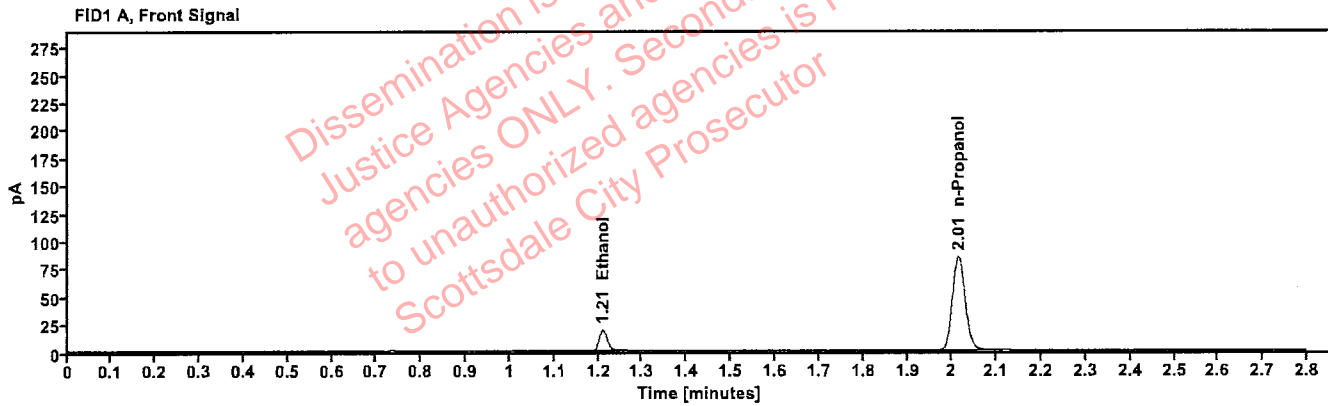


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0431	1.210	24.217
n-Propanol	---	2.014	168.490

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

Compound	Time (min)	Peak Area
Ethanol	1.356	26.104
n-Propanol	2.433	182.119



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	4110320133/8	<b>Vial:</b>	53
<b>Description:</b>	0.199	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	06Jan23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	1/6/2023 6:52:57 PM
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VOID

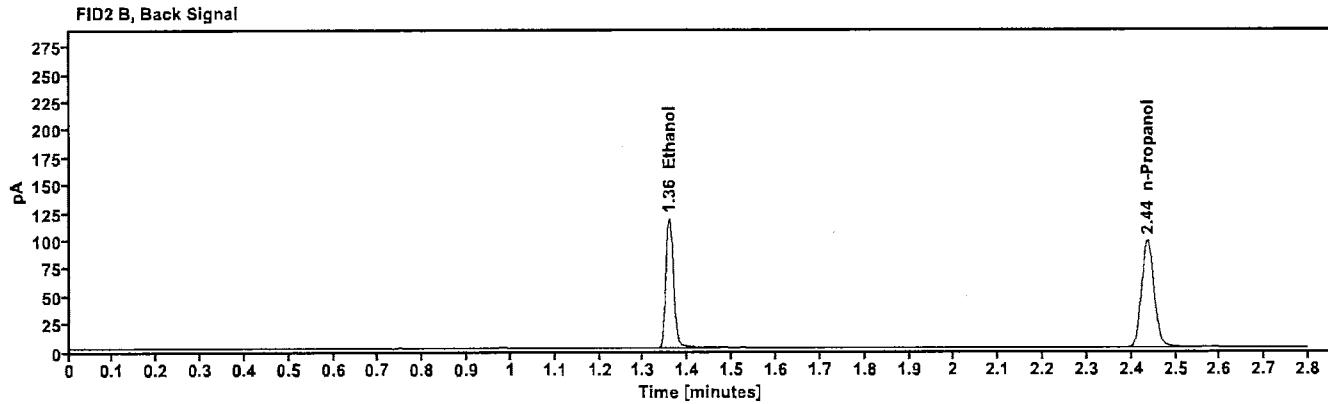
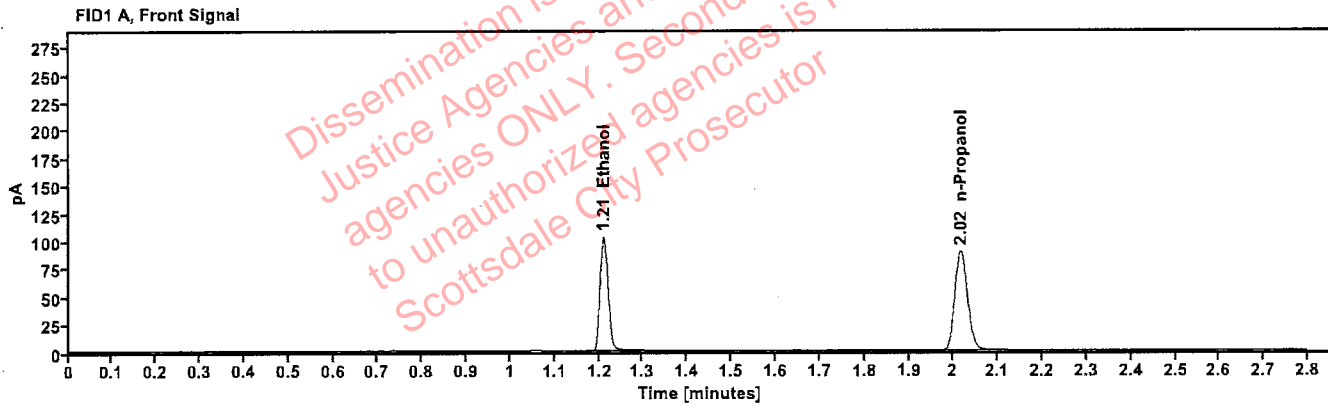


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	130.499
n-Propanol	-----	2.016	178.263

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

Compound	Time (min)	Peak Area
Ethanol	1.358	142.934
n-Propanol	2.436	192.838

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	101921WB	<b>Vial:</b>	54
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	06Jan23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	1/6/2023 6:56:57 PM
<b>Data file:</b>	C:\Chem32\1\Data\06Jan23\54.D	<b>Analyst:</b>	Brooke <span style="float: right;">PB</span>

## VOID

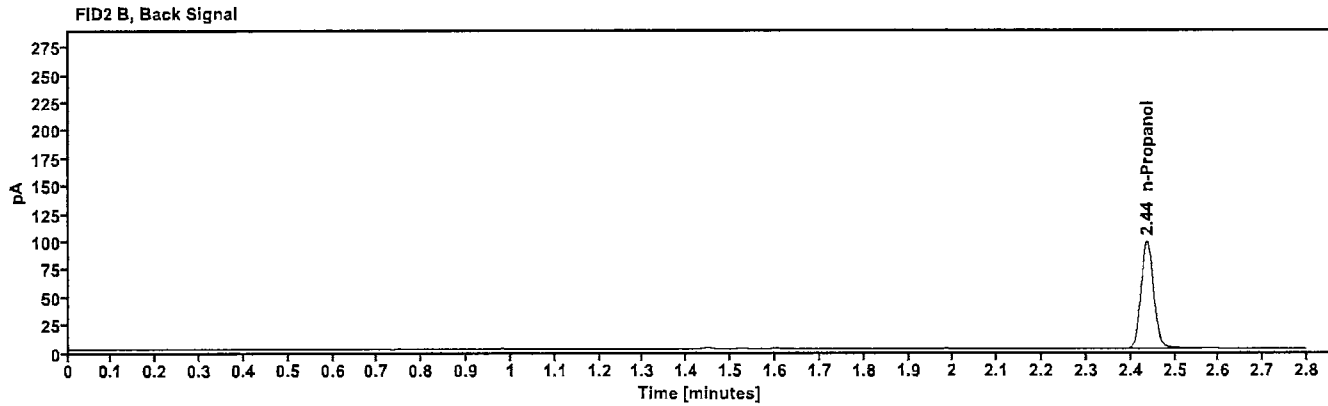
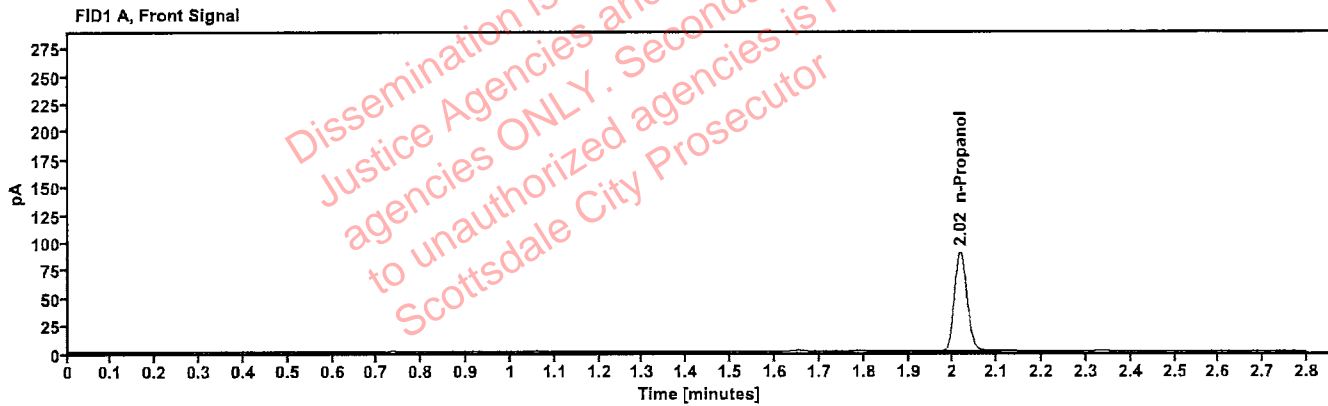


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.017	178.196

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	193.030

# VOID

## Sequence Summary

Sequence name: 06Jan23 Instrument: US14173023 CN14160045 Analyst: Brooke

PB

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	100722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	2223445-2		Sample		ethanol quant.M
11	2223445-2		Sample		ethanol quant.M
12	2222423-2		Sample		ethanol quant.M
13	2222423-2		Sample		ethanol quant.M
14	2223509-3		Sample		ethanol quant.M
15	2223509-3		Sample		ethanol quant.M
16	390-01E.R.		Sample		ethanol quant.M
17	390-01E.R.		Sample		ethanol quant.M
18	353-01M.M.		Sample		ethanol quant.M
19	353-01M.M.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	327-01D.K.		Sample		ethanol quant.M
22	327-01D.K.		Sample		ethanol quant.M
23	353-01T.D.		Sample		ethanol quant.M
24	353-01T.D.		Sample		ethanol quant.M
25	353-01S.M.		Sample		ethanol quant.M
26	353-01S.M.		Sample		ethanol quant.M
27	365-01R.S.		Sample		ethanol quant.M
28	365-01R.S.		Sample		ethanol quant.M
29	327-01C.N.		Sample		ethanol quant.M
30	327-01C.N.		Sample		ethanol quant.M
31	4110320133/8	0.199	Control		ethanol quant.M
32	327-01S.F.		Sample		ethanol quant.M
33	327-01S.F.		Sample		ethanol quant.M
34	327-01B.B.		Sample		ethanol quant.M
35	327-01B.B.		Sample		ethanol quant.M
36	2224503-2		Sample		ethanol quant.M
37	2224503-2		Sample		ethanol quant.M
38	2224319-2		Sample		ethanol quant.M
39	2224319-2		Sample		ethanol quant.M
40	2224733-1		Sample		ethanol quant.M
41	2224733-1		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	2224740-2		Sample		ethanol quant.M
44	2224740-2		Sample		ethanol quant.M
45	2223362-2		Sample		ethanol quant.M
46	2223362-2		Sample		ethanol quant.M
47	2224923-1		Sample		ethanol quant.M

**VOID**

**Sequence Summary**

RB

48	2224923-1		Sample		ethanol quant.M
49	2225113-1		Sample		ethanol quant.M
50	2225113-1		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4110320133/8	0.199	Control		ethanol quant.M
54	101921WB	Negative	Control		ethanol quant.M

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**VOID**

# Scottsdale Police Department Crime Laboratory Summary of Cases

PB

SEQUENCE NAME: 06Jan23

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2407	0.2357	0.23820	1.05	0.00250
12 13	0.1848	0.1838	0.18430	0.27	0.00050
14 15	0.2238	0.2219	0.22285	0.43	0.00095
16 17	0.1764	0.1766	0.17650	0.06	0.00010
18 19	0.1764	0.1791	0.17775	0.76	0.00135
21 22	0.0868	0.0850	0.08590	1.05	0.00090
23 24	0.1410	0.1451	0.14305	1.43	0.00205
25 26	0.1285	0.1299	0.12920	0.54	0.00070
27 28	0.1114	0.1108	0.11110	0.27	0.00030
29 30	0.0576	0.0576	0.05760	0.00	0.00000
32 33	0.1206	0.1199	0.12025	0.29	0.00035
34 35	0.0435	0.0437	0.04360	0.23	0.00010
36 37	0.1698	0.1673	0.16855	0.74	0.00125
38 39	0.1958	0.1950	0.19540	0.20	0.00040
40 41	0.1574	0.1590	0.15820	0.51	0.00080
43 44	0.1132	0.1142	0.11370	0.44	0.00050
45 46	0.2239	0.2258	0.22485	0.42	0.00095
47 48	0.1669	0.1657	0.16630	0.36	0.00060
49 50	0.2070	0.2056	0.20630	0.34	0.00070

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

# Scottsdale Forensic Lab Blood Alcohol Pipetting Log

VOID

ANALYST: Brooke

PB

SEQUENCE: 06Jan23

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2223445-2	2223445-2	2223445-2	Yes
Vials 12 and 13	2222423-2	2222423-2	2222423-2	Yes
Vials 14 and 15	2223509-3	2223509-3	2223509-3	Yes
Vials 16 and 17	390-01E.R.	390-01E.R.	390-01E.R.	Yes
Vials 18 and 19	353-01M.M.	353-01M.M.	353-01M.M.	Yes
Vials 21 and 22	327-01D.K.	327-01D.K.	327-01D.K.	Yes
Vials 23 and 24	353-01T.D.	353-01T.D.	353-01T.D.	Yes
Vials 25 and 26	353-01S.M.	353-01S.M.	353-01S.M.	Yes
Vials 27 and 28	365-01R.S.	365-01R.S.	365-01R.S.	Yes
Vials 29 and 30	327-01C.N.	327-01C.N.	327-01C.N.	Yes
Vials 32 and 33	327-01S.F.	327-01S.F.	327-01S.F.	Yes
Vials 34 and 35	327-01B.B.	327-01B.B.	327-01B.B.	Yes
Vials 36 and 37	2224503-2	2224503-2	2224503-2	Yes
Vials 38 and 39	2224319-2	2224319-2	2224319-2	Yes
Vials 40 and 41	2224733-1	2224733-1	2224733-1	Yes
Vials 43 and 44	2224740-2	2224740-2	2224740-2	Yes
Vials 45 and 46	2223362-2	2223362-2	2223362-2	Yes
Vials 47 and 48	2224923-1	2224923-1	2224923-1	Yes
Vials 49 and 50	2225113-1	2225113-1	2225113-1	Yes

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223445-2	<b>Vial:</b> 10
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 3:59:12 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\10.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

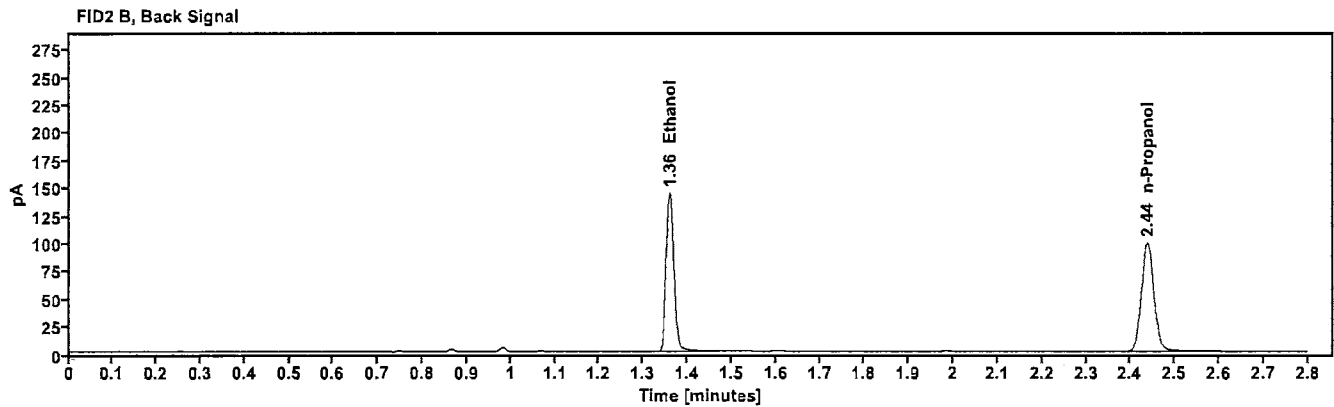
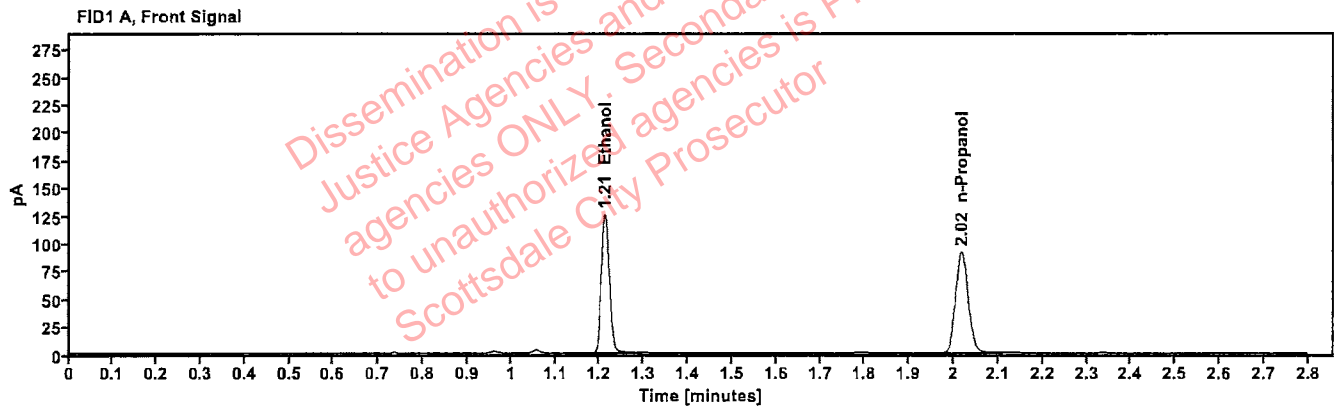


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2407	1.211	159.804
n-Propanol	----	2.017	181.283

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

Compound	Time (min)	Peak Area
Ethanol	1.360	174.902
n-Propanol	2.437	195.853

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223445-2	<b>Vial:</b> 11
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:03:12 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\11.D	<b>Analyst:</b> Brooke

PB

VOID

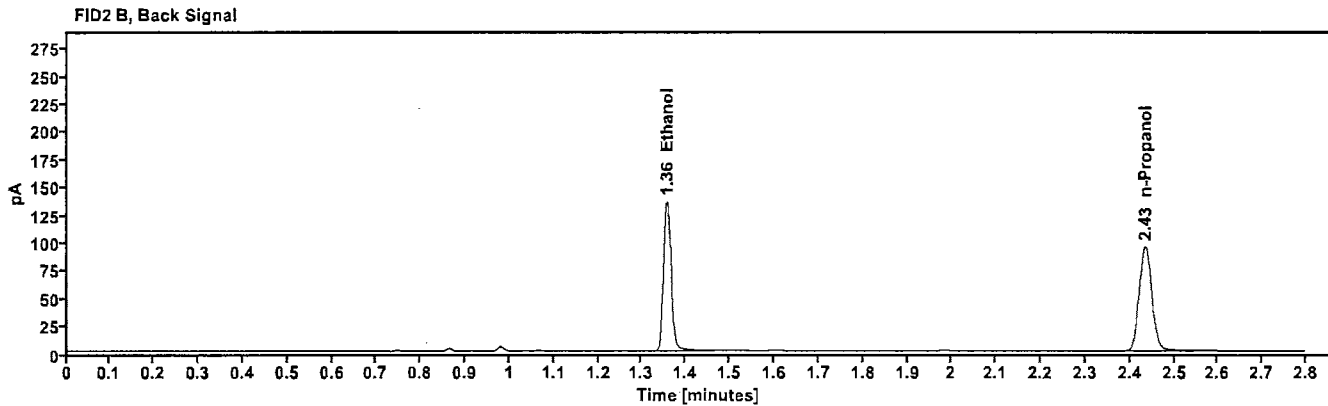
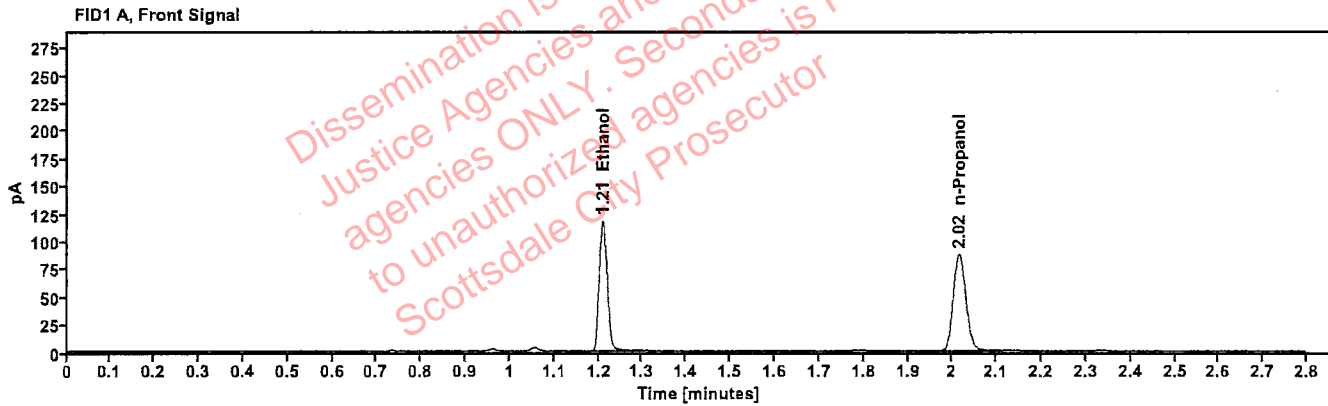


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2357	1.209	149.980
n-Propanol	-----	2.015	173.784

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

Compound	Time (min)	Peak Area
Ethanol	1.356	163.881
n-Propanol	2.435	188.049



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2222423-2	<b>Vial:</b> 12
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:07:12 PM
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VOID

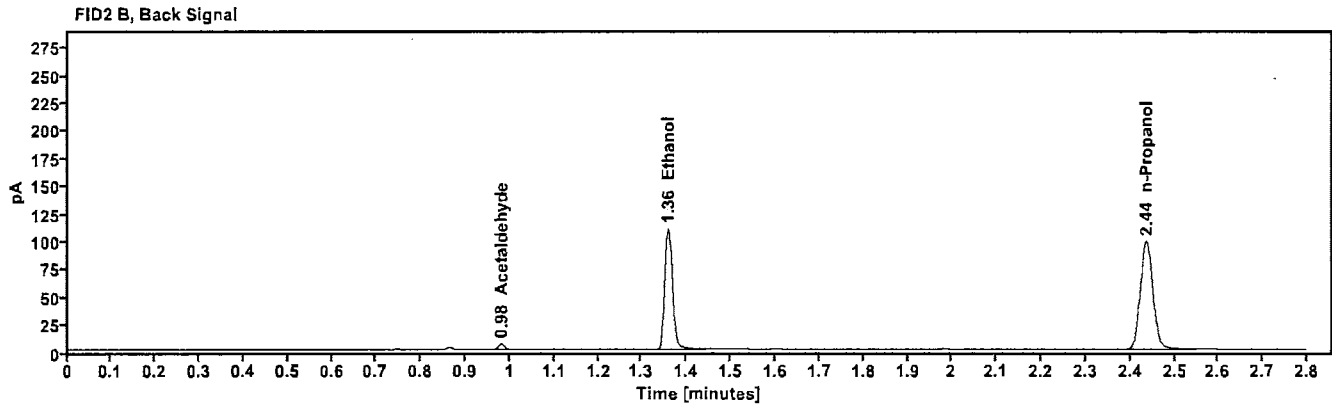
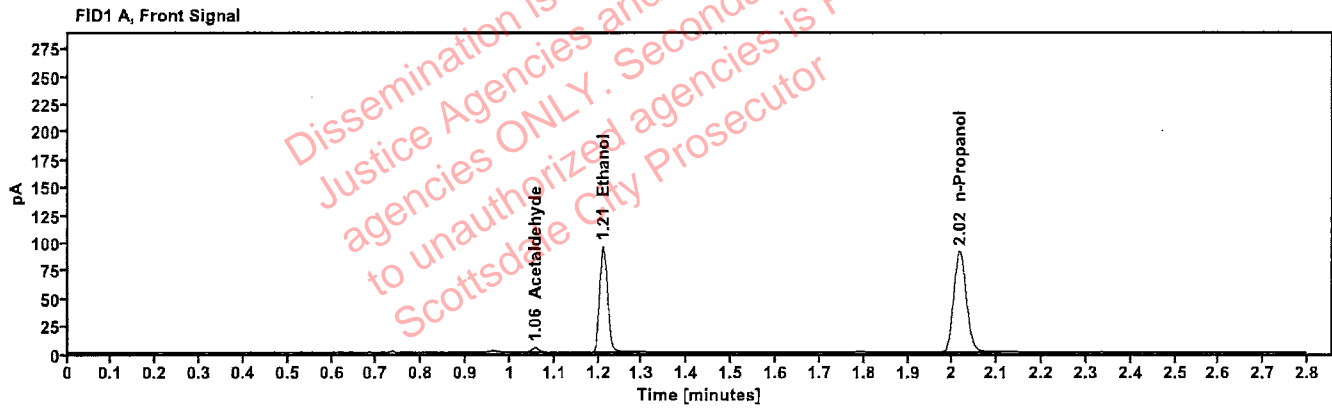


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.179
>Ethanol	0.1848	1.211	121.575
n-Propanol	-----	2.016	180.641

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.721
Ethanol	1.358	132.384
n-Propanol	2.436	195.291

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2222423-2	<b>Vial:</b> 13
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:11:27 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\13.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

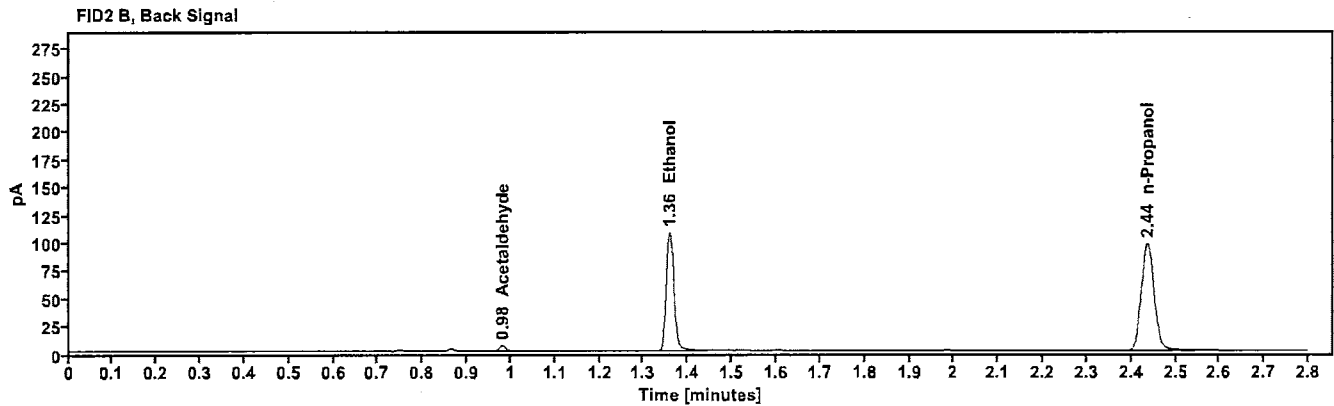
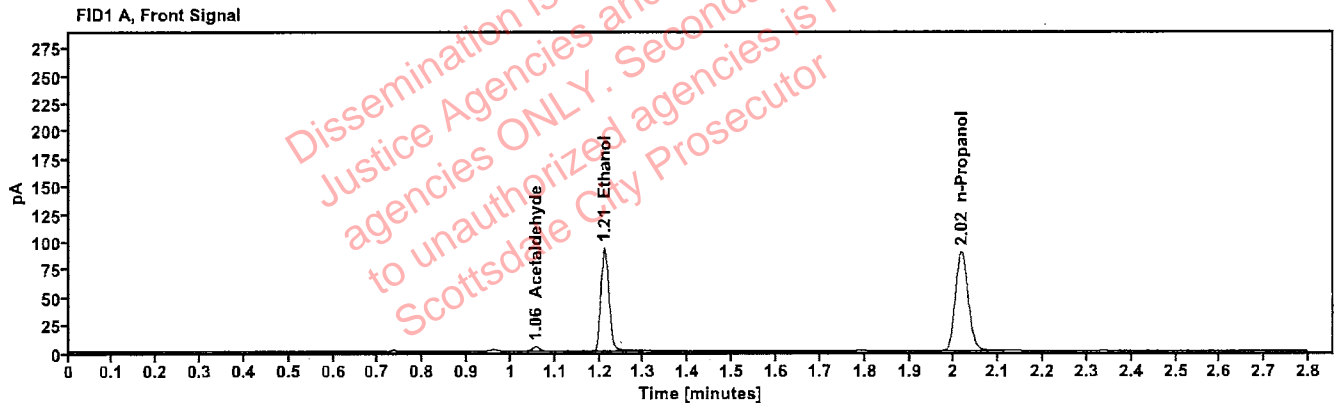


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.130
>Ethanol	0.1838	1.211	119.217
n-Propanol	-----	2.016	178.198

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.635
Ethanol	1.358	129.709
n-Propanol	2.436	192.598

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223509-3	<b>Vial:</b> 14
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:15:27 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\14.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

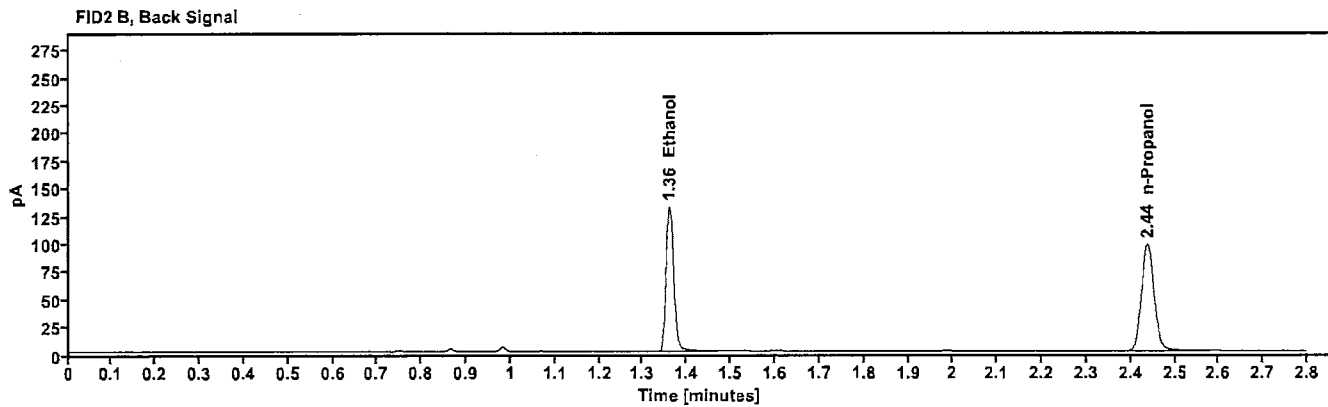
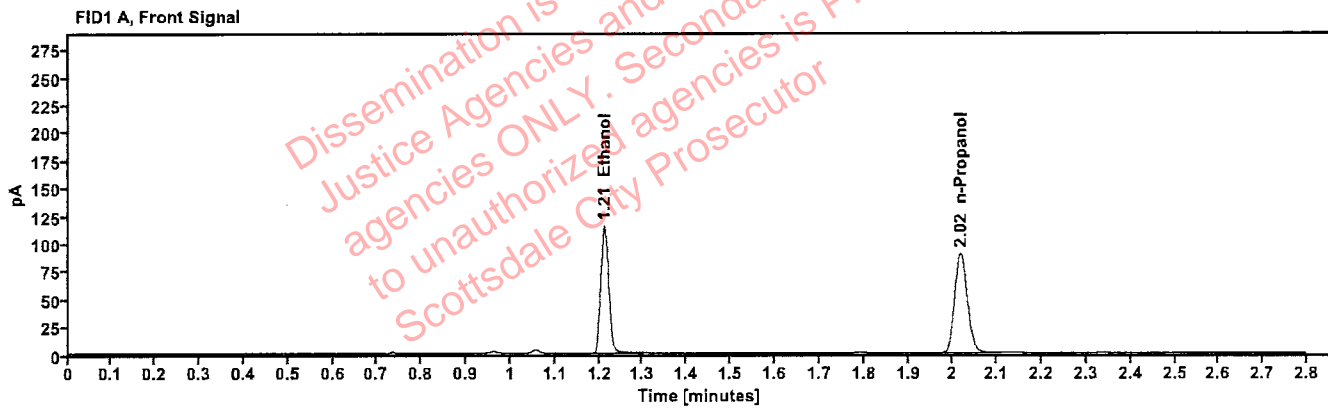


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2238	1.211	146.328
n-Propanol	---	2.017	178.742

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

Compound	Time (min)	Peak Area
Ethanol	1.360	159.882
n-Propanol	2.438	193.190

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223509-3	<b>Vial:</b> 15
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:19:27 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\15.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

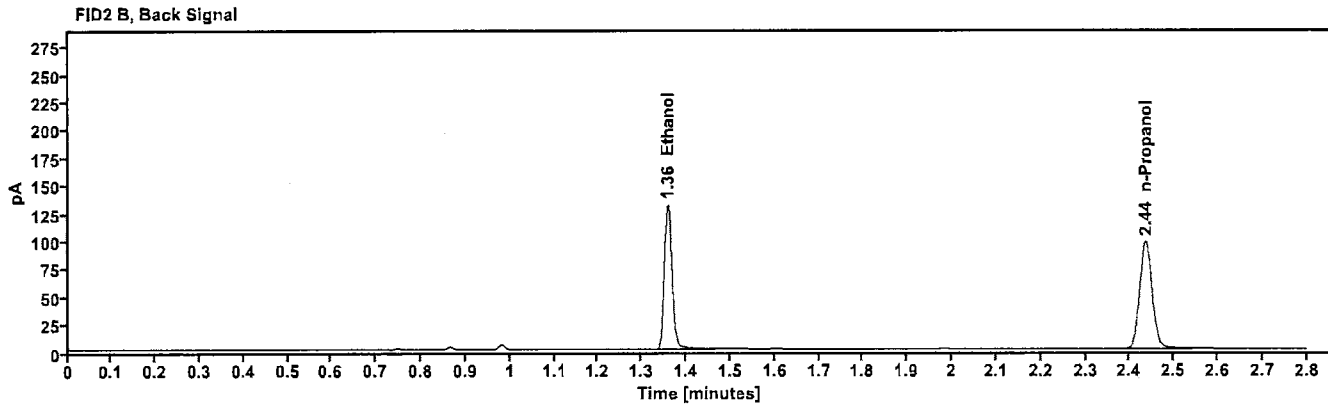
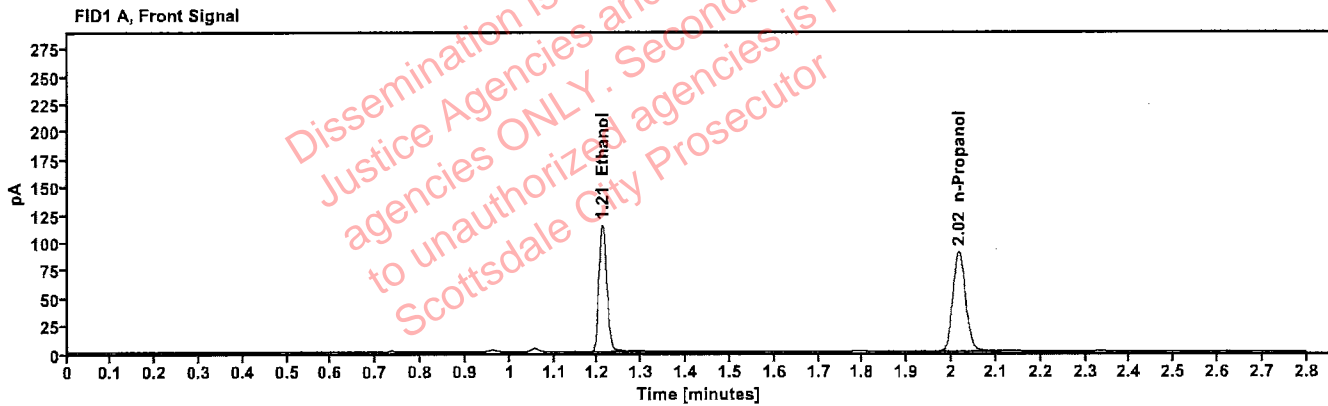


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2219	1.210	145.212
n-Propanol	-----	2.016	178.998

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

Compound	Time (min)	Peak Area
Ethanol	1.358	158.881
n-Propanol	2.436	193.320

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 390-01E.R. <b>Description:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem32\1\Data\06Jan23\16.D	<b>Vial:</b> 16 <b>LIMS ID:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Sequence:</b> 06Jan23 <b>Injection date:</b> 1/6/2023 4:23:26 PM <b>Analyst:</b> Brooke <span style="float: right;">RB</span>
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VOID

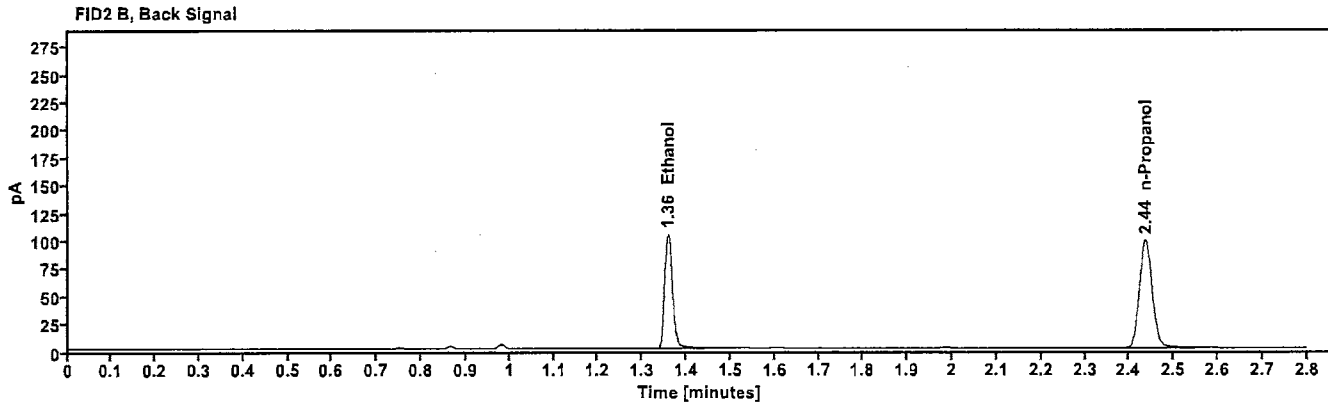
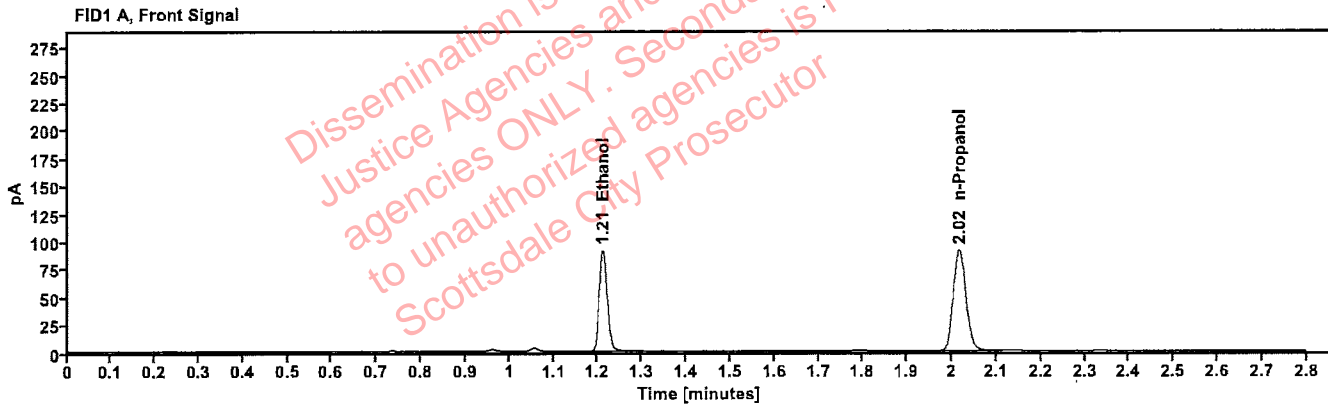


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1764	1.211	115.956
n-Propanol	----	2.016	180.767

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

Compound	Time (min)	Peak Area
Ethanol	1.358	126.147
n-Propanol	2.436	195.560

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 390-01E.R.	<b>Vial:</b> 17
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:27:28 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\17.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

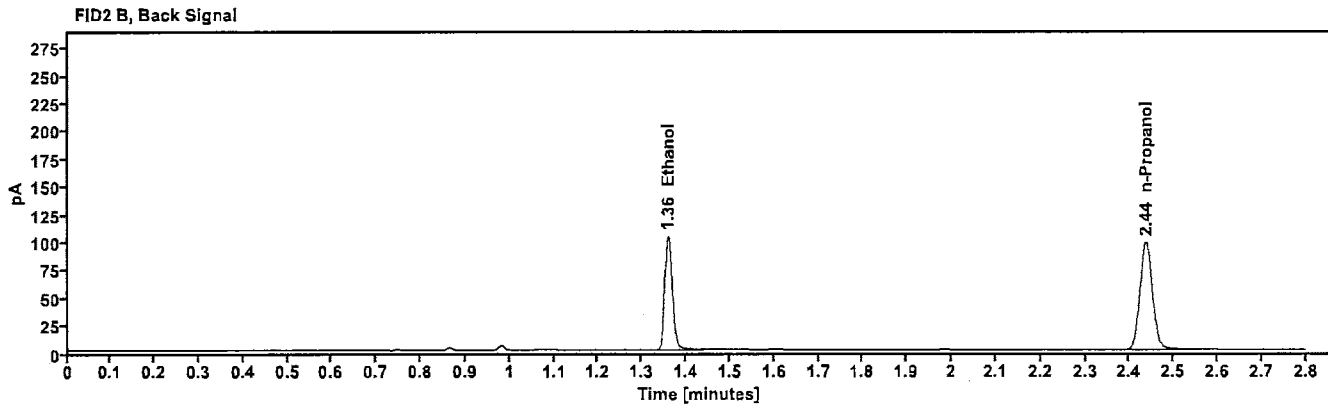
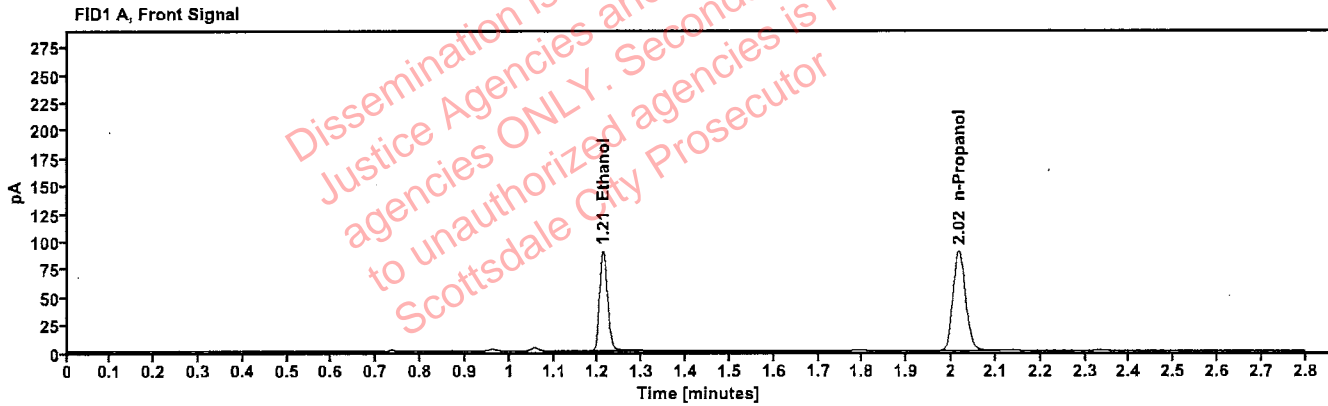


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1766	1.211	115.275
n-Propanol	---	2.017	179.527

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

Compound	Time (min)	Peak Area
Ethanol	1.359	125.645
n-Propanol	2.437	194.199

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 353-01M.M.	<b>Vial:</b> 18
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:31:28 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\18.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

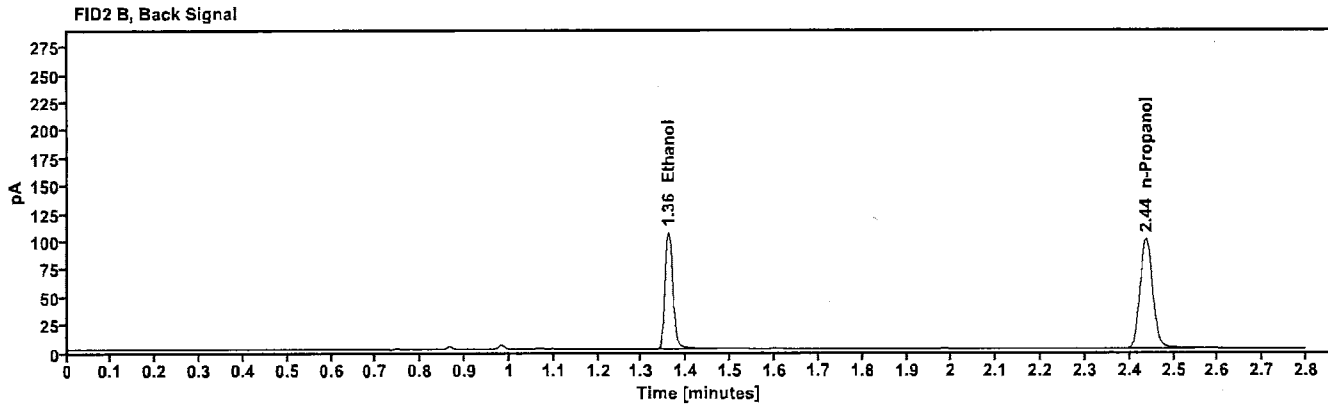
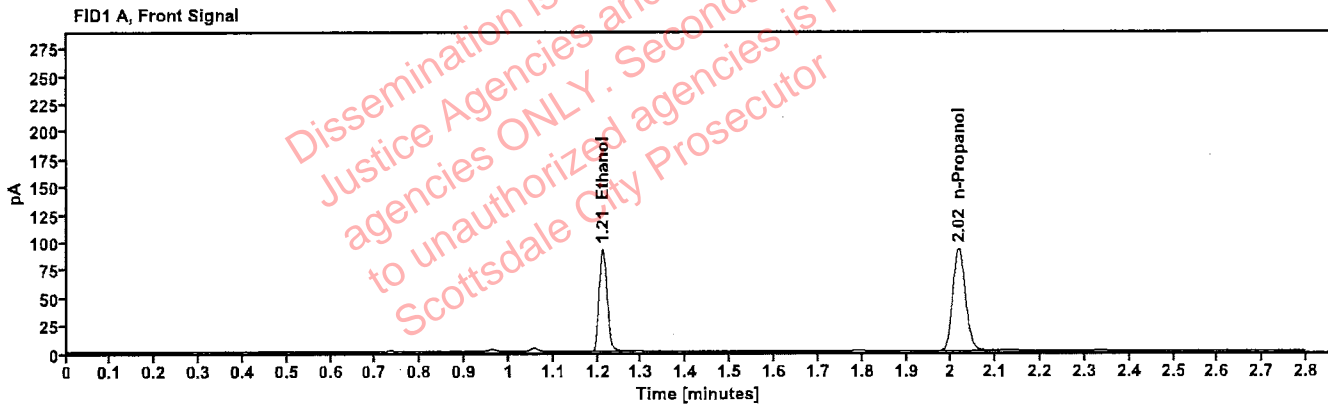


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1764	1.211	117.772
n-Propanol	----	2.017	183.561

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

Compound	Time (min)	Peak Area
Ethanol	1.360	128.857
n-Propanol	2.437	198.341

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 353-01M.M.	Vial: 19
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 06Jan23
Instrument: US14173023 CN14160045	Injection date: 1/6/2023 4:35:41 PM
Data file: C:\Chem32\1\Data\06Jan23\19.D	Analyst: Brooke <span style="float: right;">PB</span>

## VOID

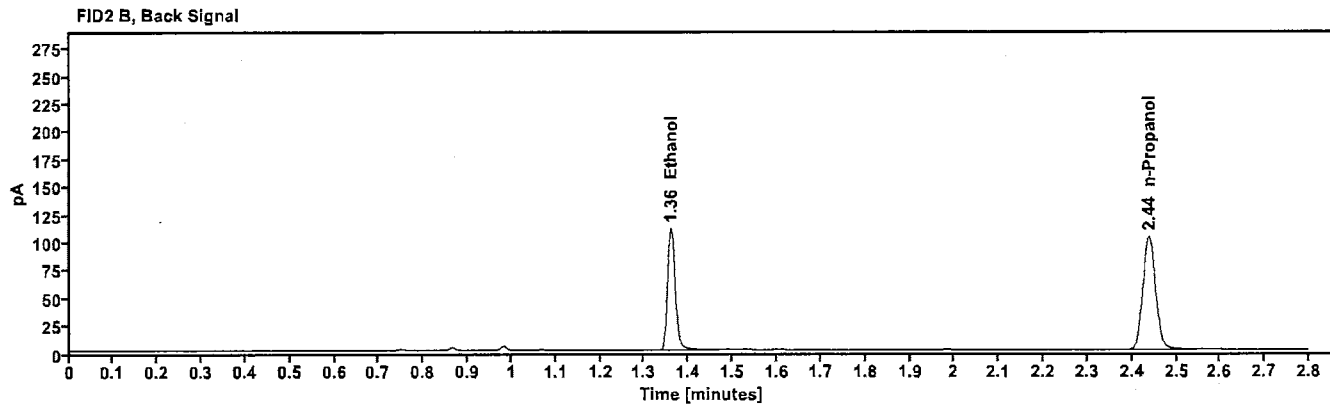
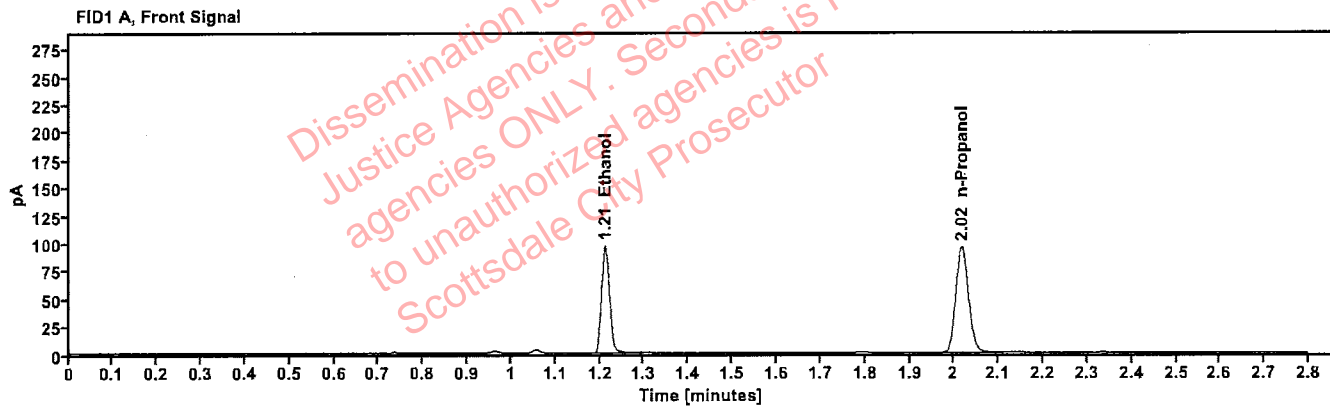


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1791	1.212	123.377
n-Propanol	-----	2.017	189.313

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

Compound	Time (min)	Peak Area
Ethanol	1.360	134.674
n-Propanol	2.438	204.320



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01D.K.	<b>Vial:</b> 21
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:43:42 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\21.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

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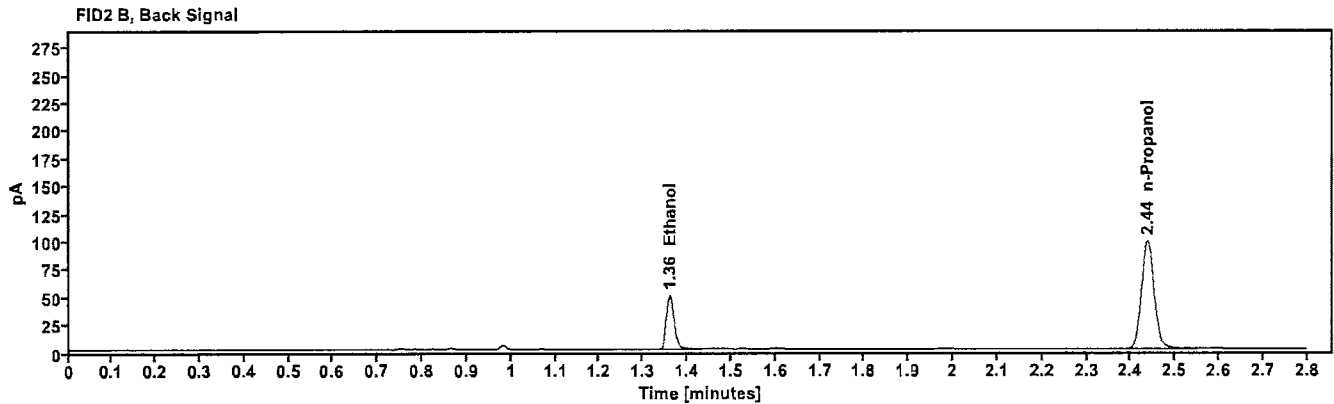
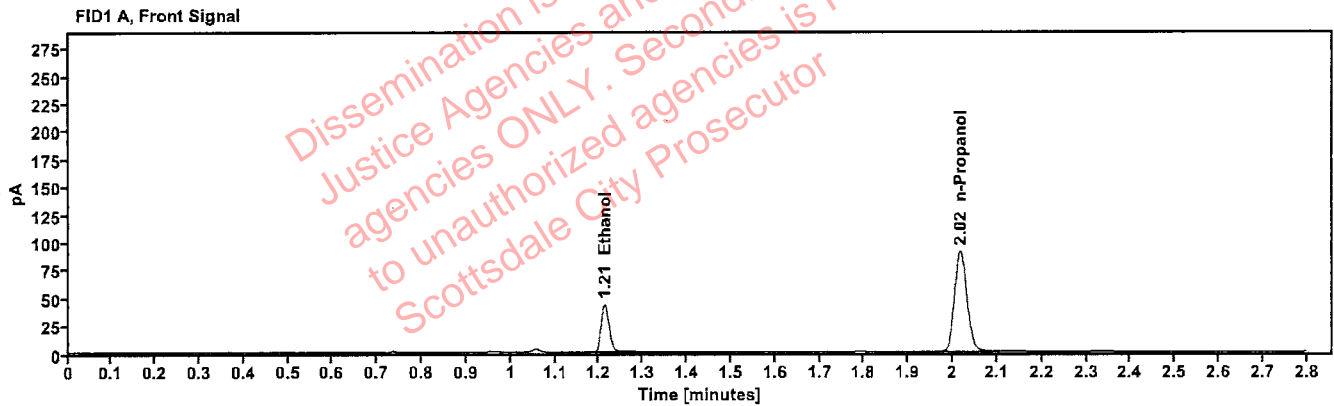


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0868	1.212	55.162
n-Propanol	---	2.017	179.784

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

Compound	Time (min)	Peak Area
Ethanol	1.360	59.693
n-Propanol	2.437	195.052

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01D.K.	<b>Vial:</b> 22
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:47:42 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\22.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

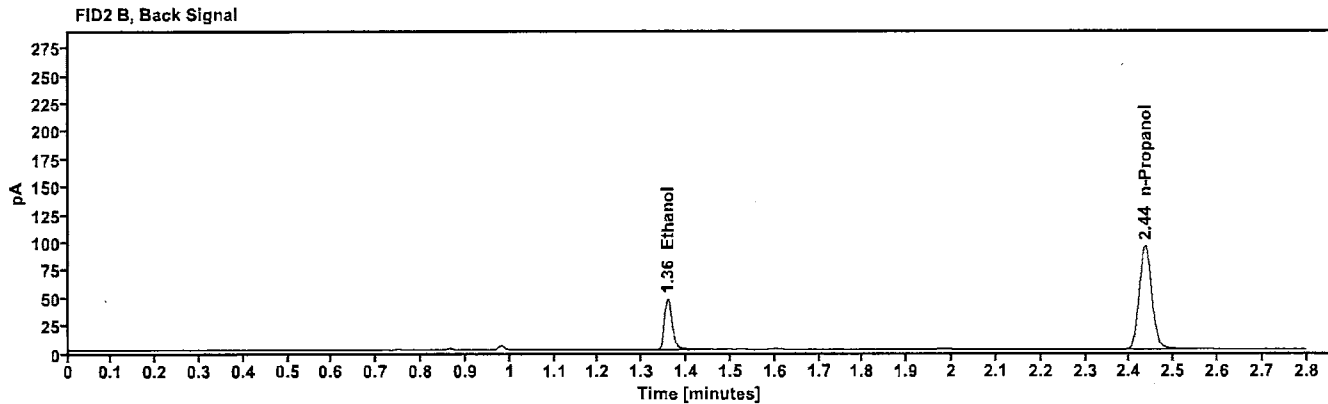
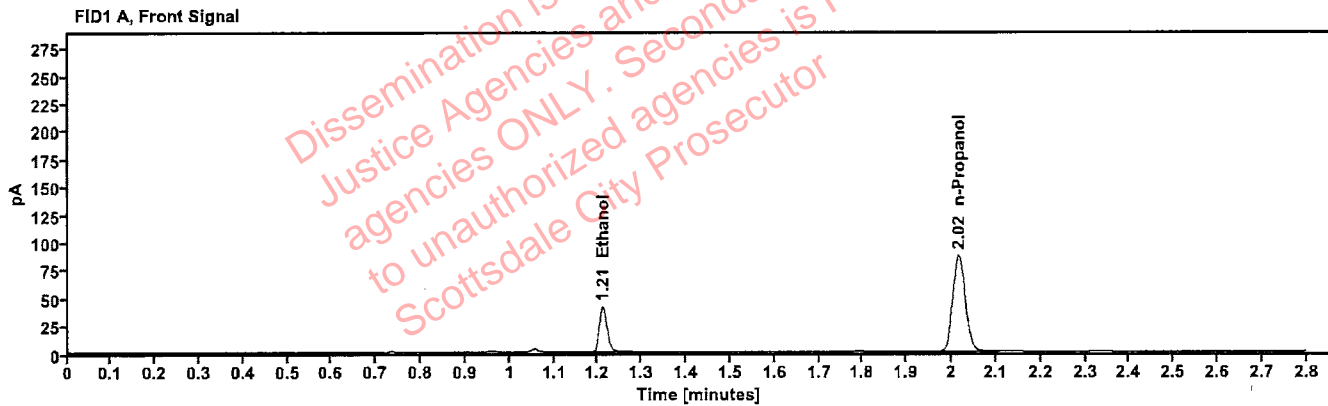


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0850	1.211	51.714
n-Propanol	-----	2.016	172.325

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

Compound	Time (min)	Peak Area
Ethanol	1.358	56.163
n-Propanol	2.435	187.110

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 353-01T.D.	<b>Vial:</b> 23
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:51:43 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\23.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

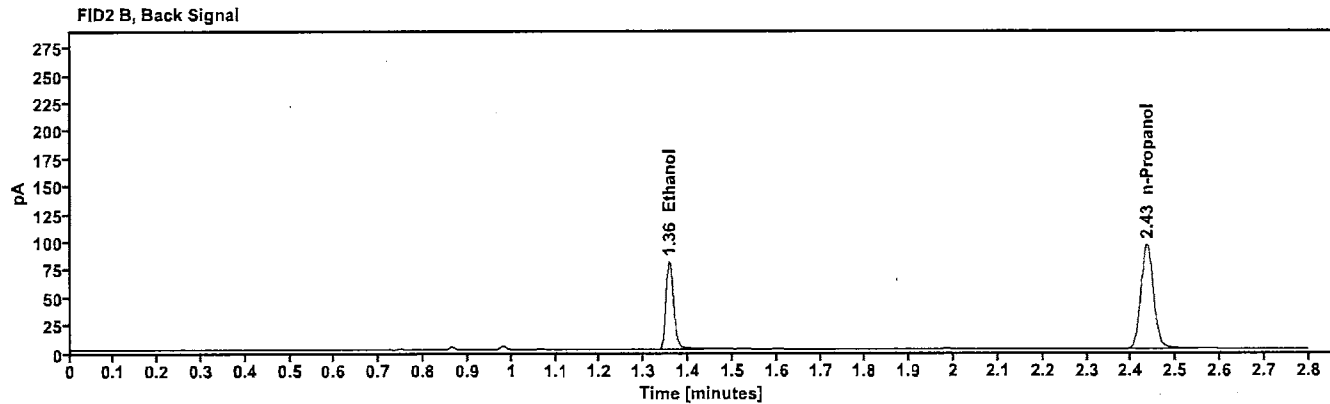
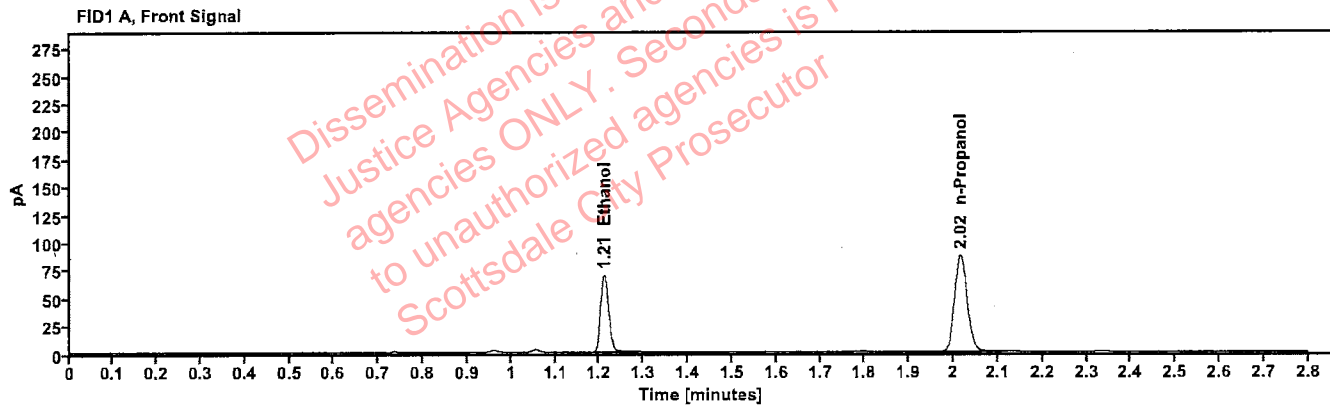


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1410	1.210	88.346
n-Propanol	---	2.016	173.492

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

Compound	Time (min)	Peak Area
Ethanol	1.357	96.158
n-Propanol	2.435	187.862

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 353-01T.D.	<b>Vial:</b> 24
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:55:43 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\24.D	<b>Analyst:</b> Brooke

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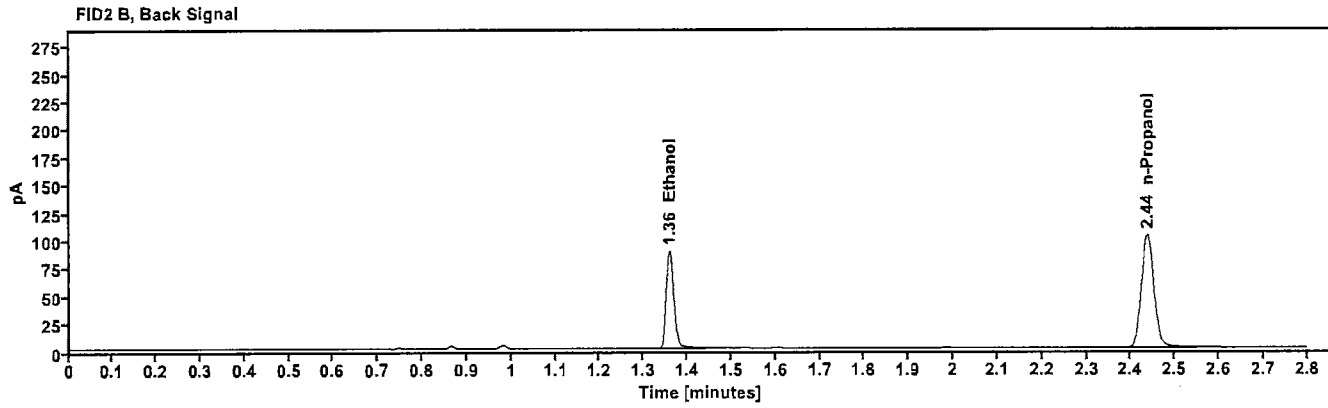
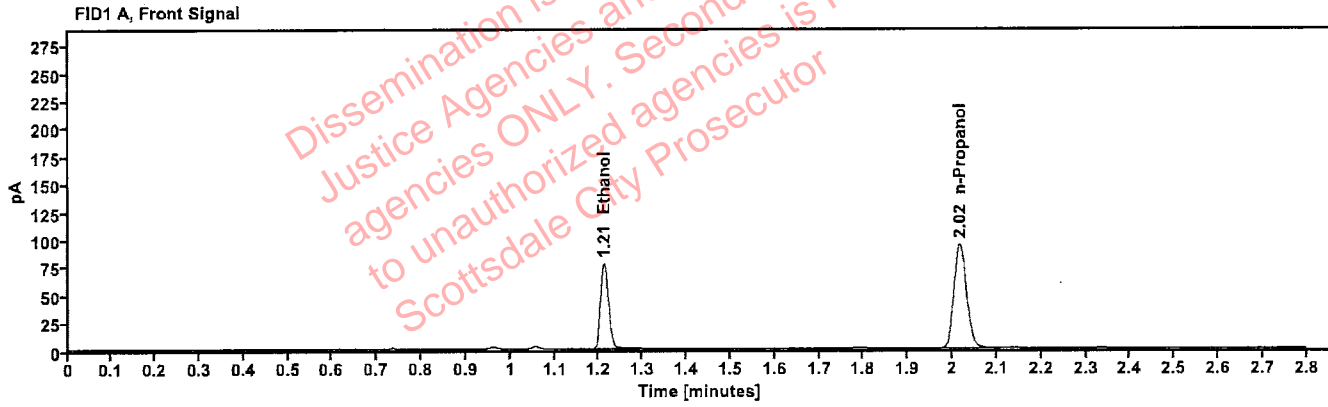


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1451	1.211	98.359
n-Propanol	---	2.017	187.517

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

Compound	Time (min)	Peak Area
Ethanol	1.359	107.130
n-Propanol	2.437	203.019

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 353-01S.M.	<b>Vial:</b> 25
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 4:59:57 PM
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VOID

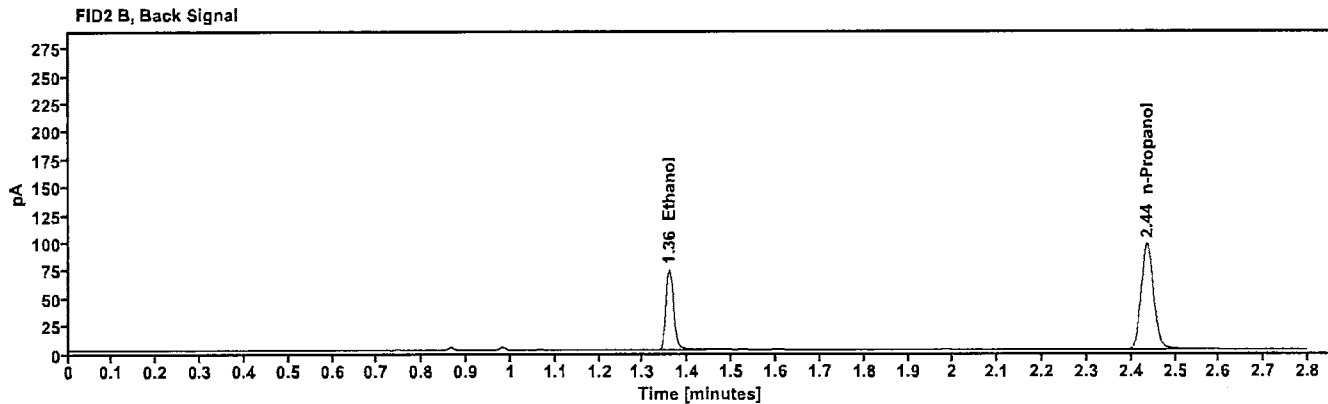
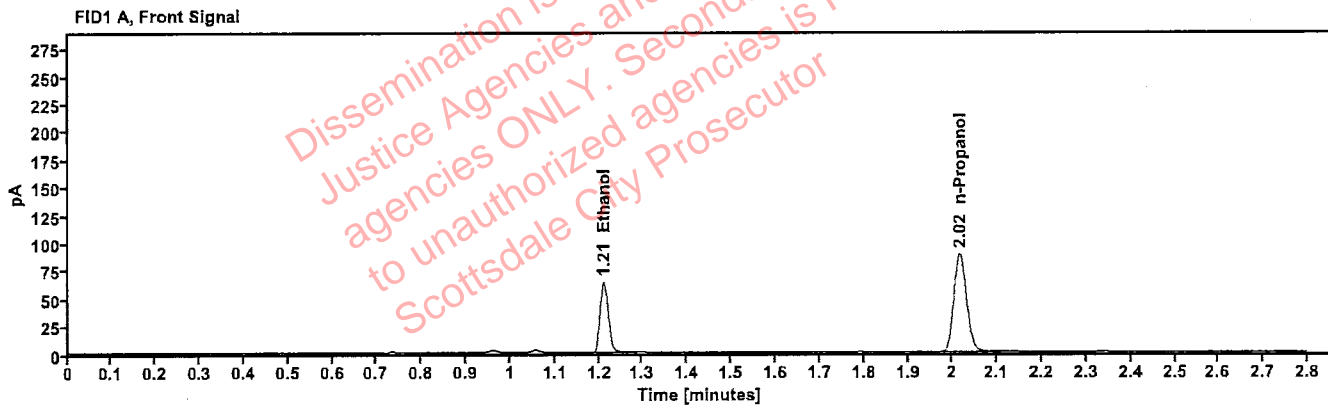


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1285	1.211	81.501
n-Propanol	---	2.016	176.193

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

Compound	Time (min)	Peak Area
Ethanol	1.358	88.771
n-Propanol	2.436	190.643

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 353-01S.M.	<b>Vial:</b> 26
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:03:57 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\26.D	<b>Analyst:</b> Brooke

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VOID

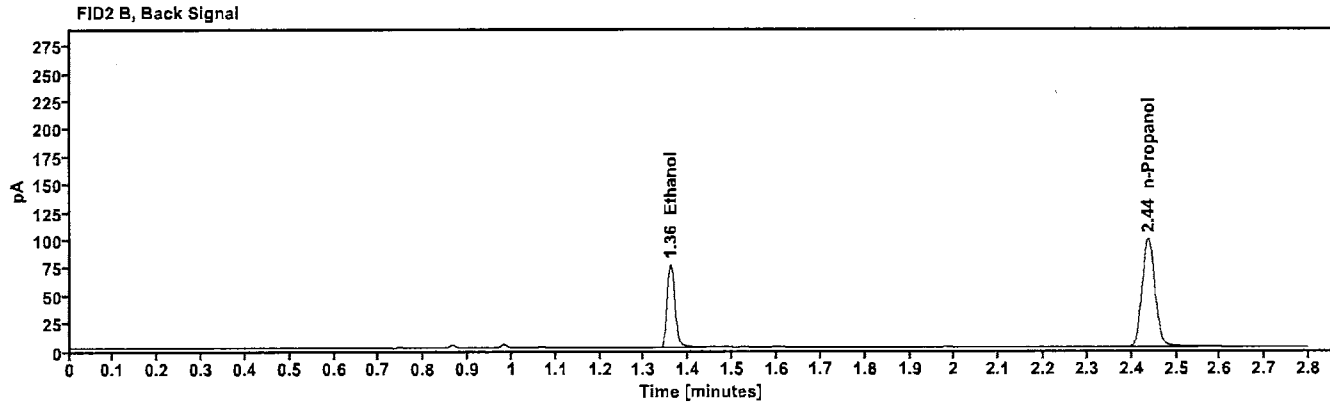
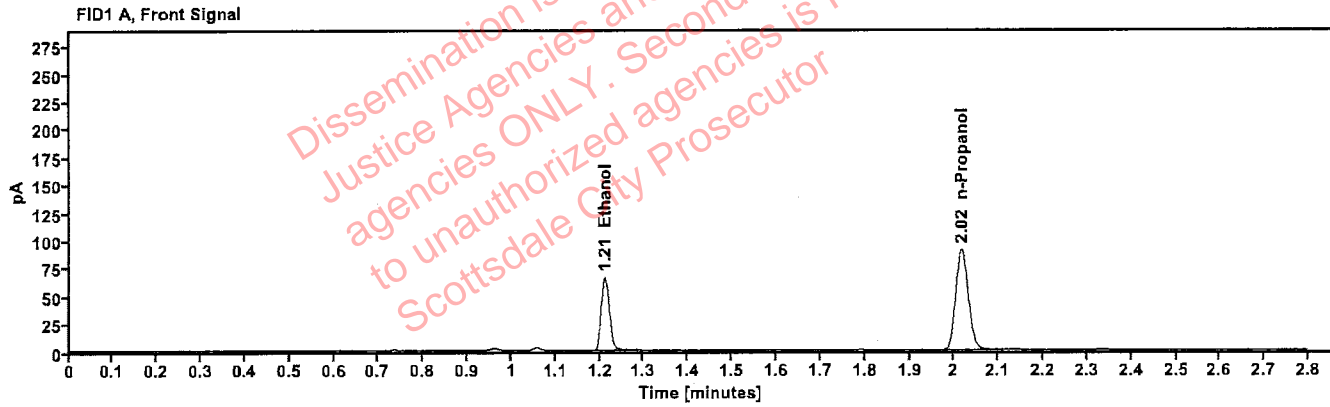


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1299	1.212	84.426
n-Propanol	-----	2.017	180.415

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

Compound	Time (min)	Peak Area
Ethanol	1.360	91.820
n-Propanol	2.437	195.266

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 365-01R.S.	<b>Vial:</b> 27
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:07:57 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\27.D	<b>Analyst:</b> Brooke

PB

## VOID

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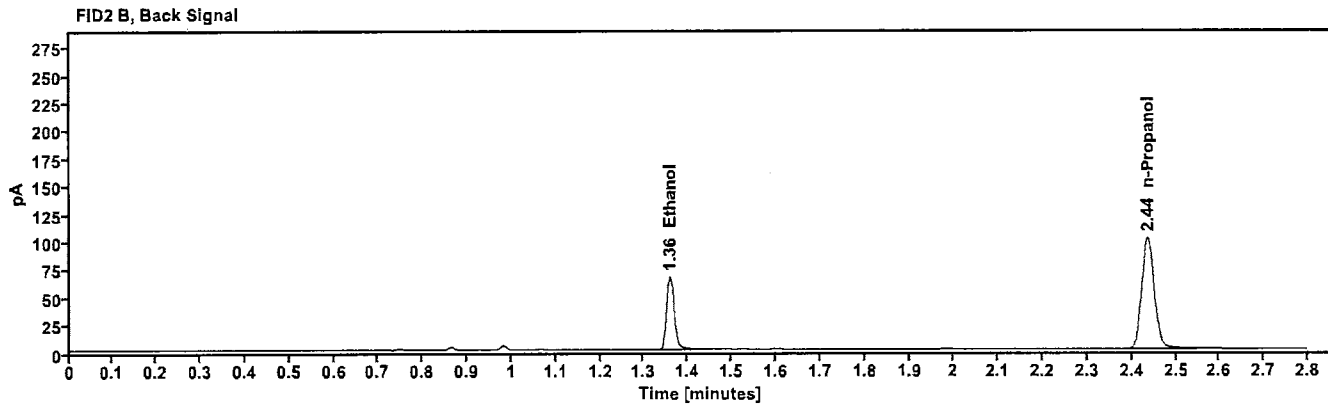
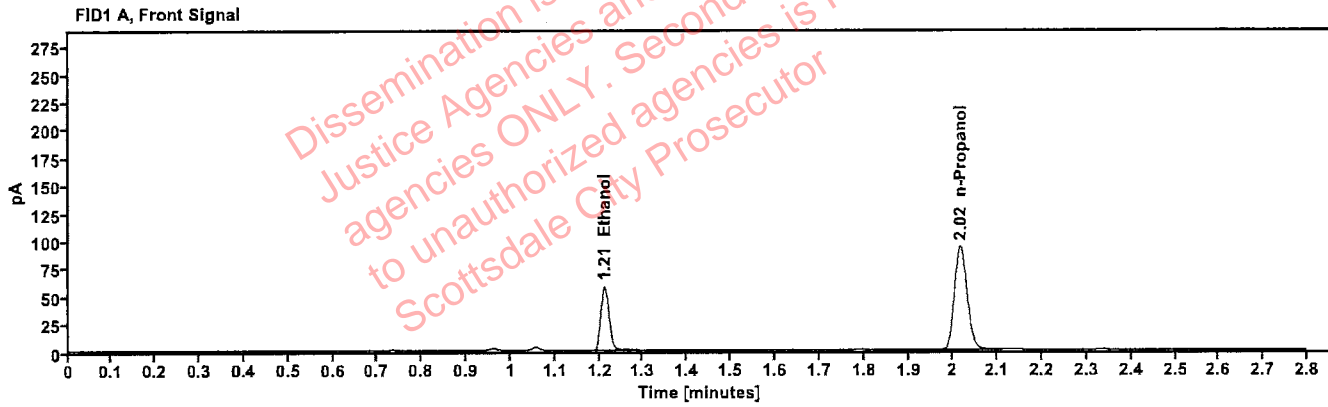


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1114	1.211	74.086
n-Propanol	---	2.016	185.701

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

Compound	Time (min)	Peak Area
Ethanol	1.359	80.217
n-Propanol	2.436	200.801

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 365-01R.S.	<b>Vial:</b> 28
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:11:57 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\28.D	<b>Analyst:</b> Brooke

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## VOID

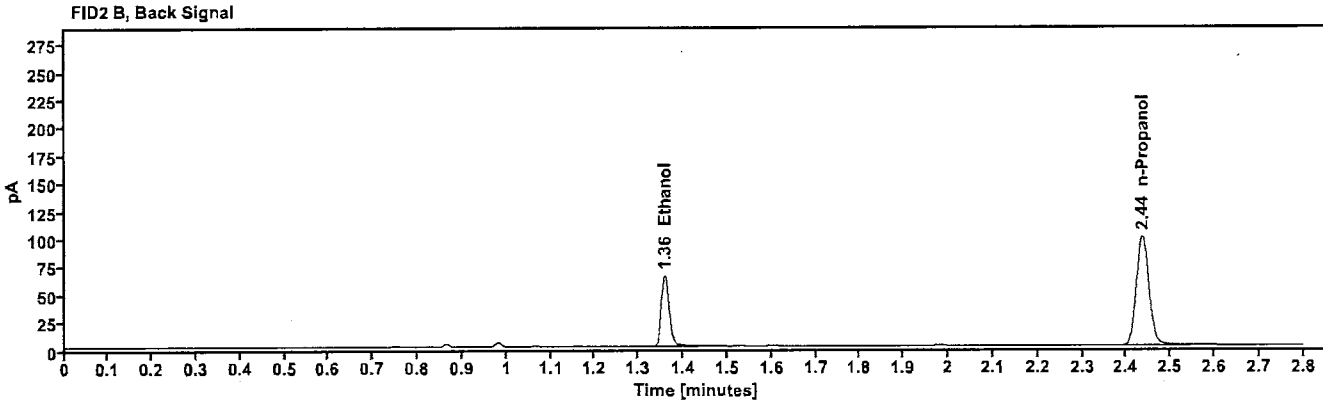
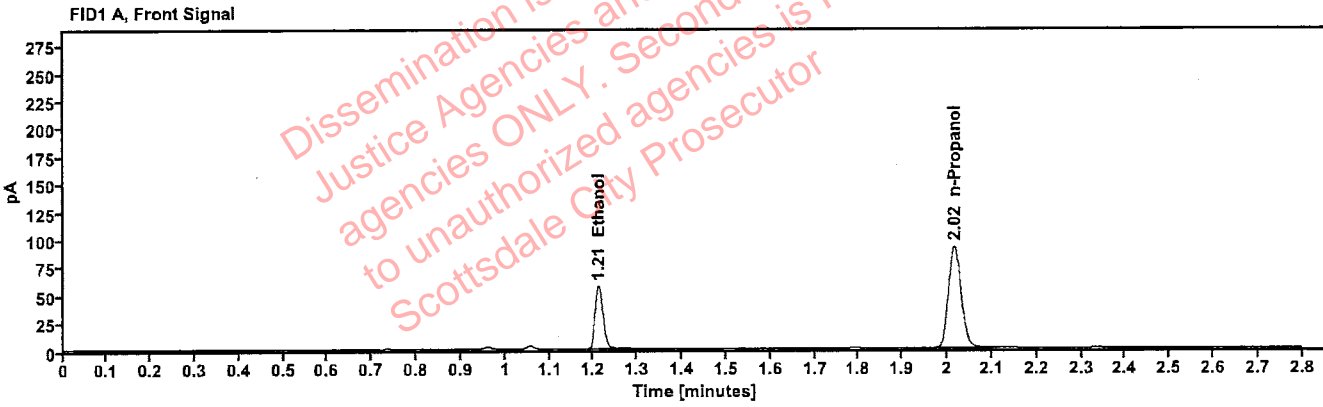


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1108	1.211	72.395
n-Propanol	---	2.016	182.590

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

Compound	Time (min)	Peak Area
Ethanol	1.359	78.523
n-Propanol	2.436	197.317



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01C.N.	<b>Vial:</b> 29
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:15:57 PM
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VOID

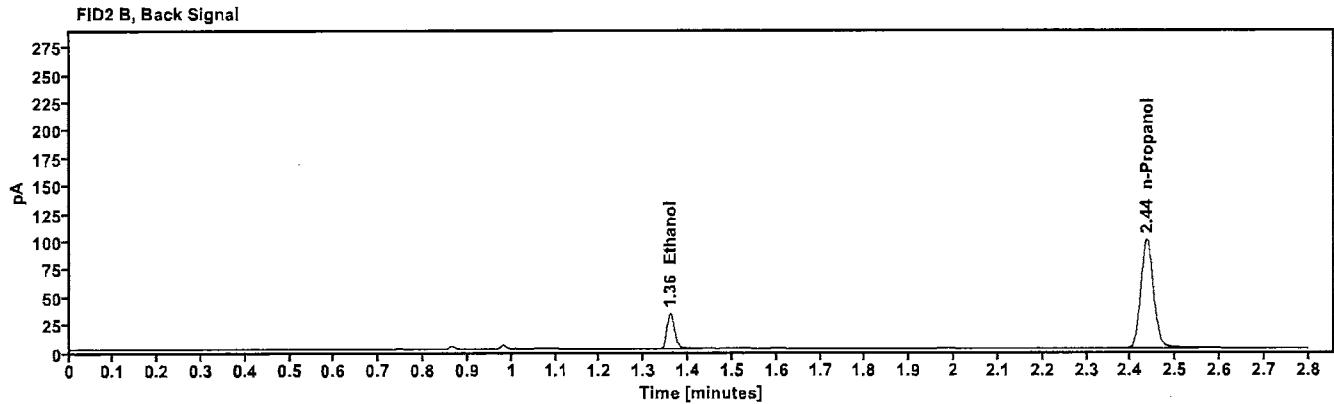
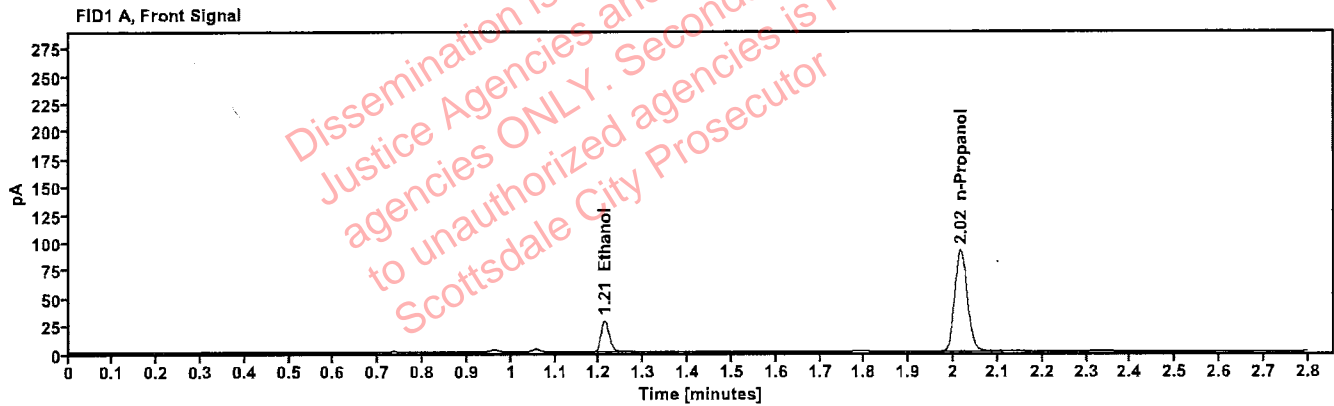


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0576	1.212	35.928
n-Propanol	-----	2.016	181.464

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

Compound	Time (min)	Peak Area
Ethanol	1.359	39.480
n-Propanol	2.436	196.978

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01C.N.	<b>Vial:</b> 30
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:19:57 PM
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VOID

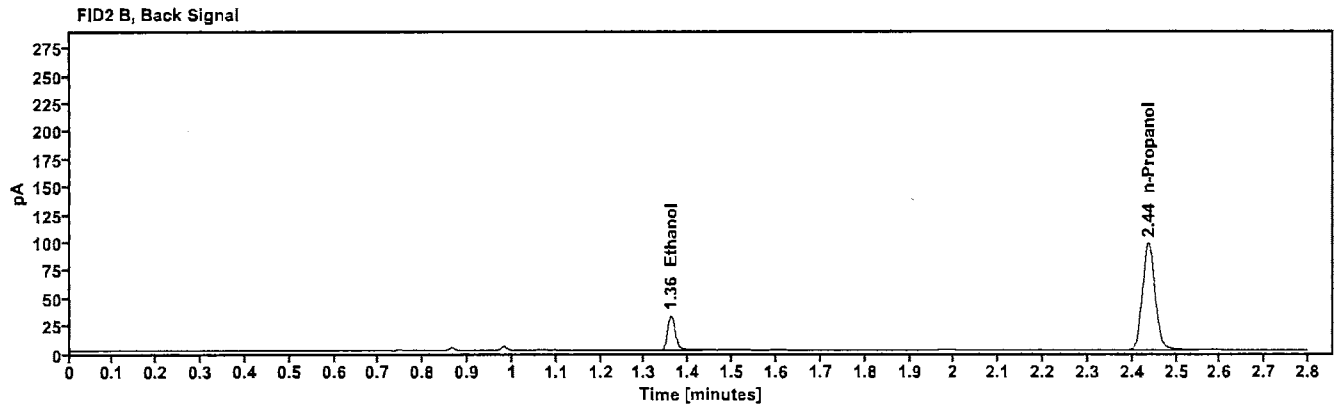
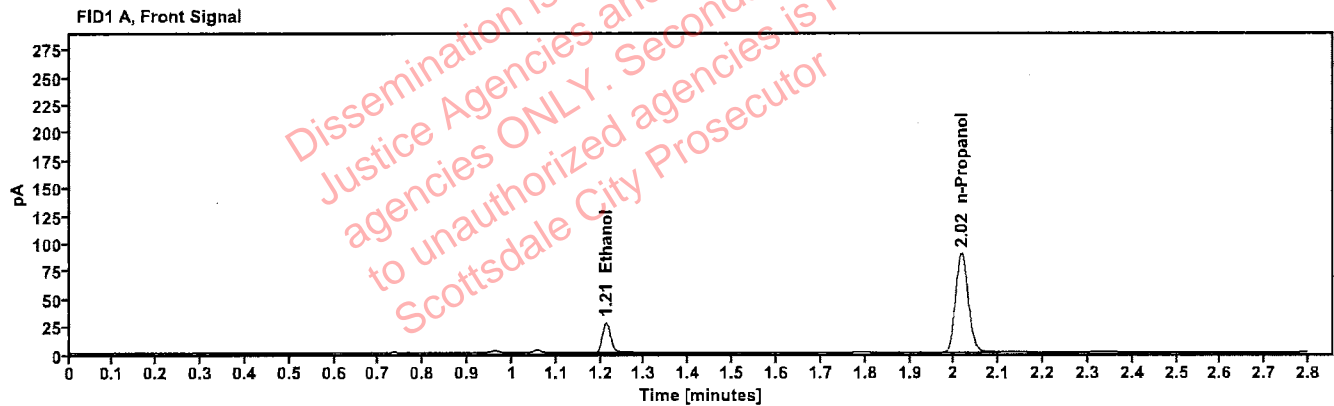


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0576	1.212	35.285
n-Propanol	-----	2.017	178.336

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

Compound	Time (min)	Peak Area
Ethanol	1.360	38.101
n-Propanol	2.437	193.498

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01S.F.	<b>Vial:</b> 32
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:28:12 PM
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VOID

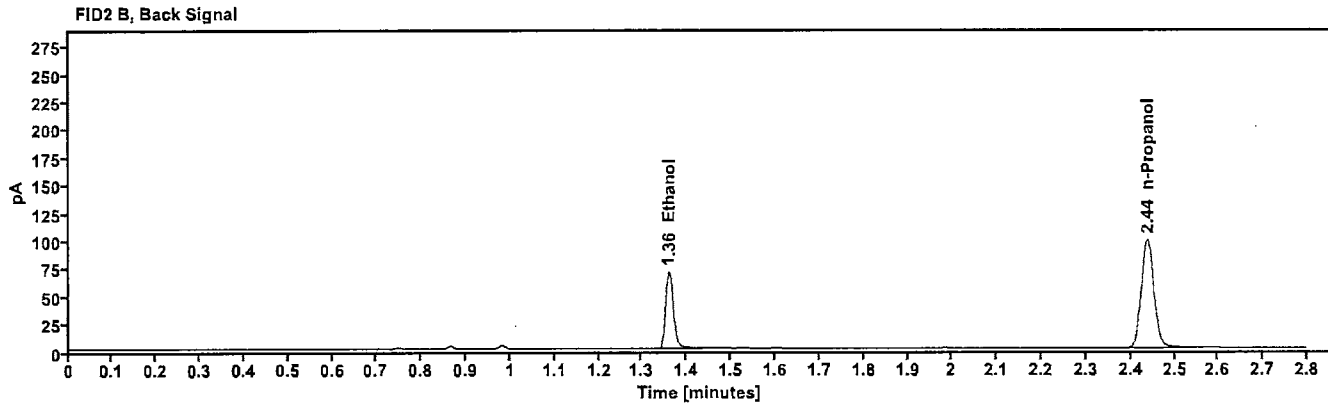
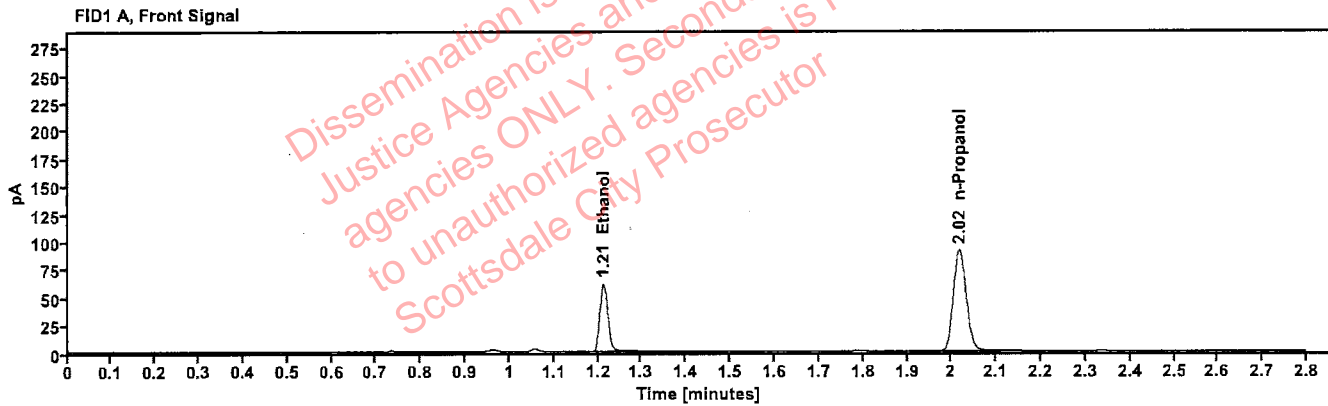


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1206	1.212	78.531
n-Propanol	---	2.018	181.349

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

Compound	Time (min)	Peak Area
Ethanol	1.360	84.899
n-Propanol	2.438	195.983

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01S.F.	<b>Vial:</b> 33
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:32:12 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\33.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

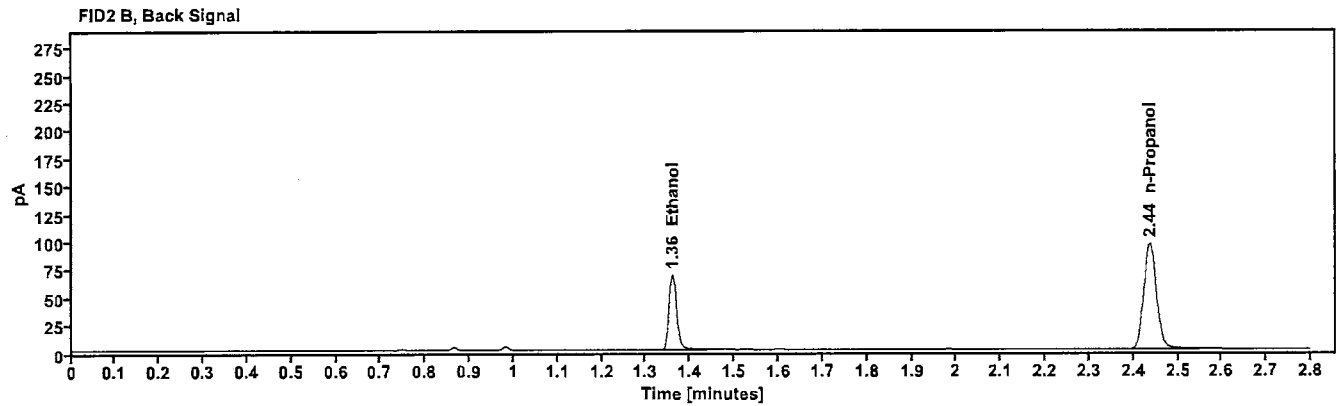
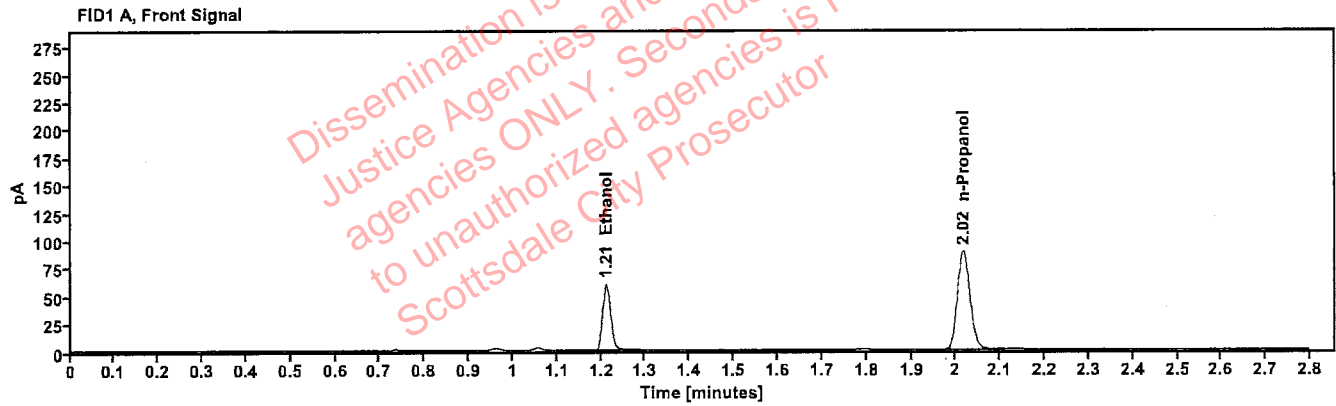


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1199	1.211	76.035
n-Propanol	-----	2.017	176.521

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

Compound	Time (min)	Peak Area
Ethanol	1.359	82.405
n-Propanol	2.437	190.755

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 327-01B.B.	Vial: 34
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 06Jan23
Instrument: US14173023 CN14160045	Injection date: 1/6/2023 5:36:12 PM
Data file: C:\Chem32\1\Data\06Jan23\34.D	Analyst: Brooke <span style="float: right;">PB</span>

VOID

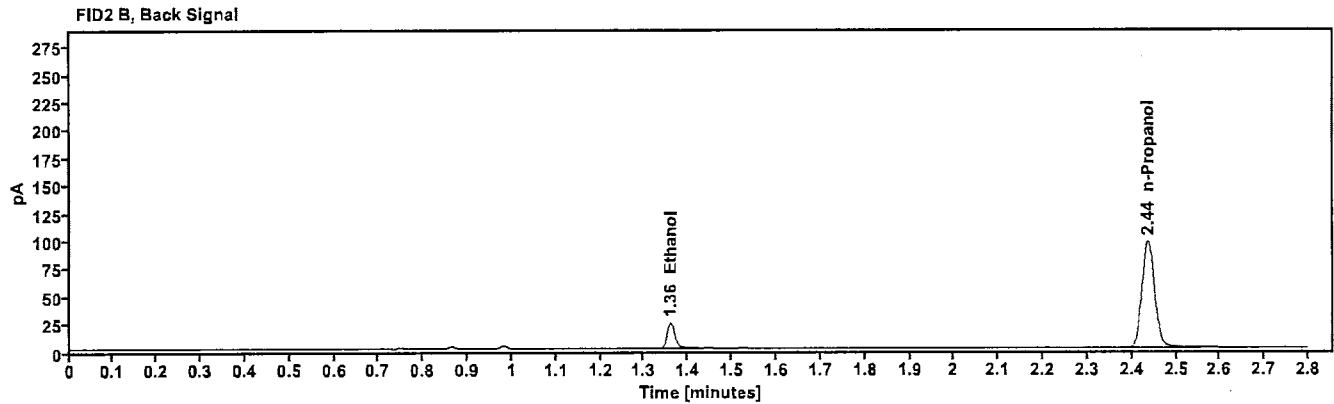
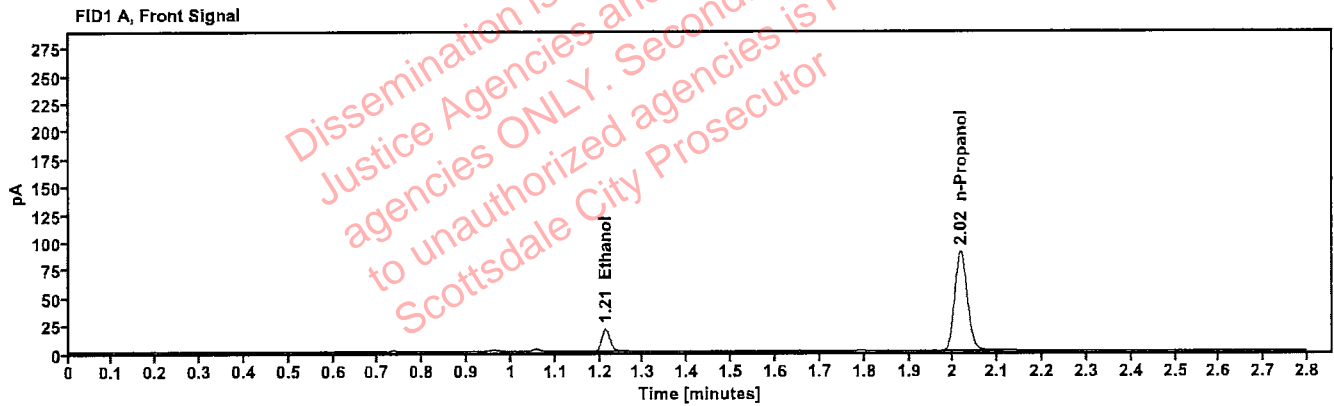


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0435	1.212	25.917
n-Propanol	-----	2.017	178.467

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

Compound	Time (min)	Peak Area
Ethanol	1.360	28.513
n-Propanol	2.436	192.958

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 327-01B.B.	<b>Vial:</b> 35
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:40:12 PM
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VOID

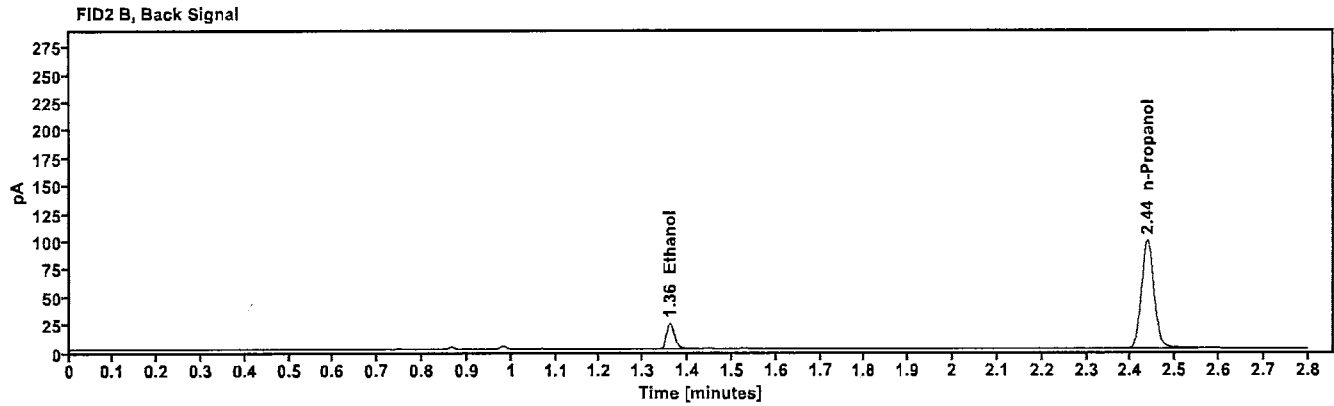
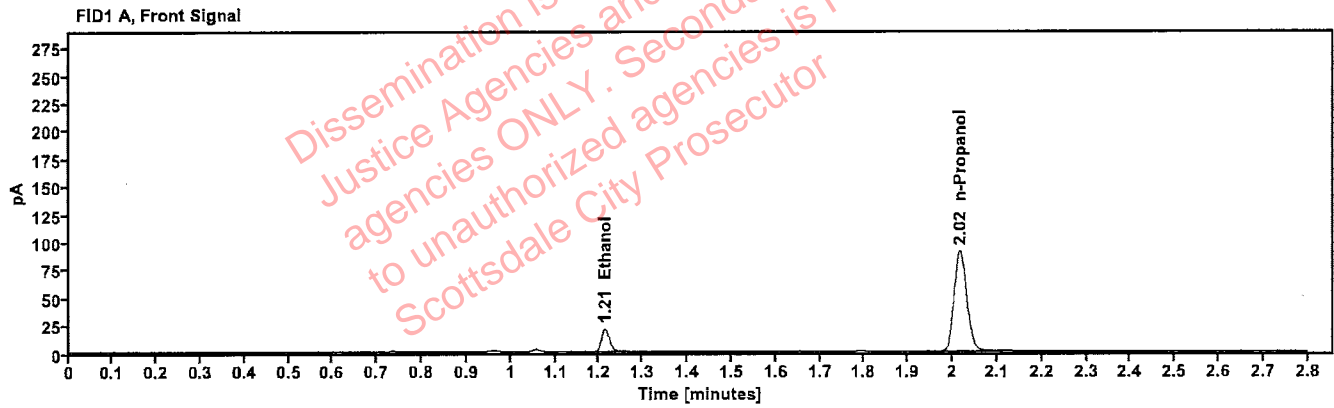


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0437	1.213	26.287
n-Propanol	-----	2.017	180.114

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

Compound	Time (min)	Peak Area
Ethanol	1.360	28.824
n-Propanol	2.437	194.754

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224503-2	<b>Vial:</b> 36
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:44:12 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\36.D	<b>Analyst:</b> Brooke

PB

VOID

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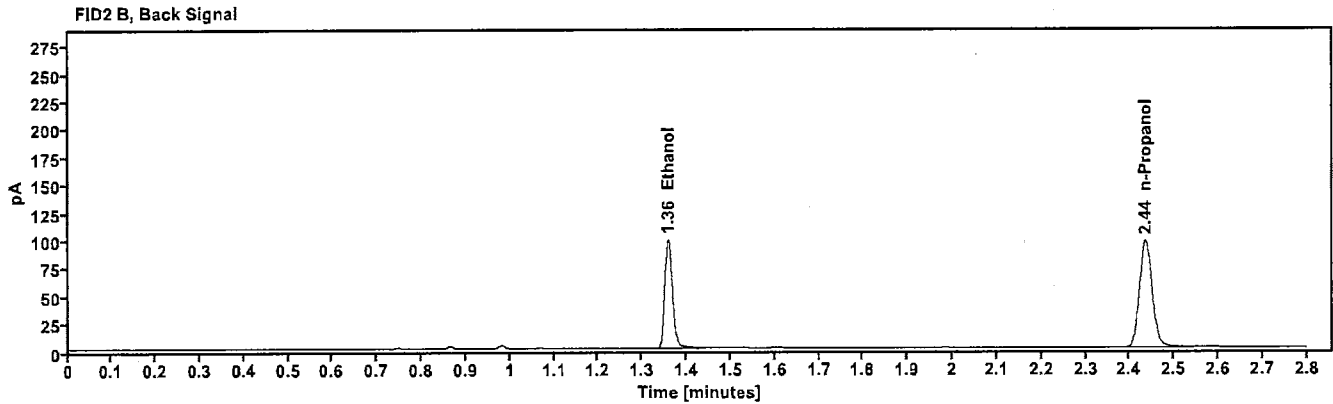
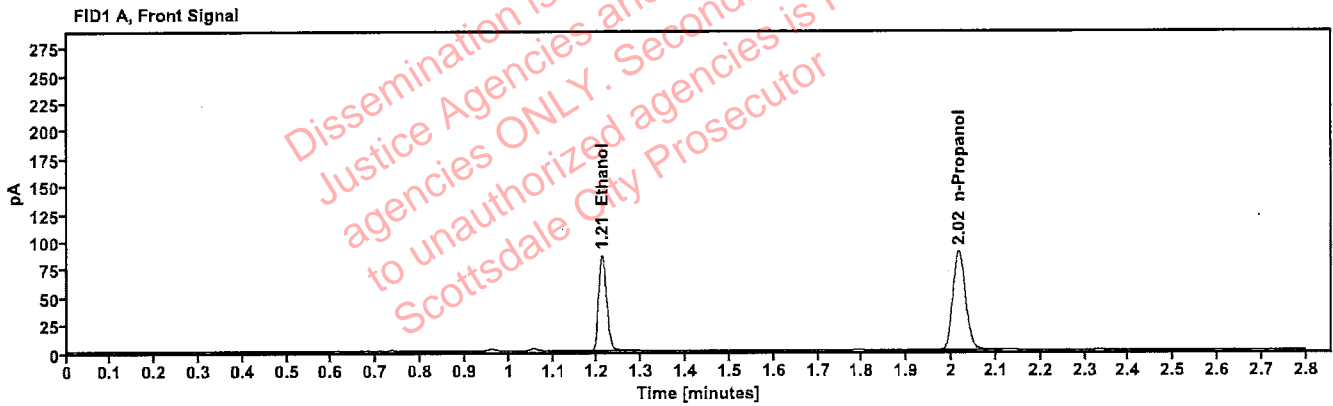


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1698	1.211	109.669
n-Propanol	-----	2.016	177.822

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

Compound	Time (min)	Peak Area
Ethanol	1.358	119.356
n-Propanol	2.436	191.950

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224503-2 <b>Description:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem32\1\Data\06Jan23\37.D	<b>Vial:</b> 37 <b>LIMS ID:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Sequence:</b> 06Jan23 <b>Injection date:</b> 1/6/2023 5:48:27 PM <b>Analyst:</b> Brooke
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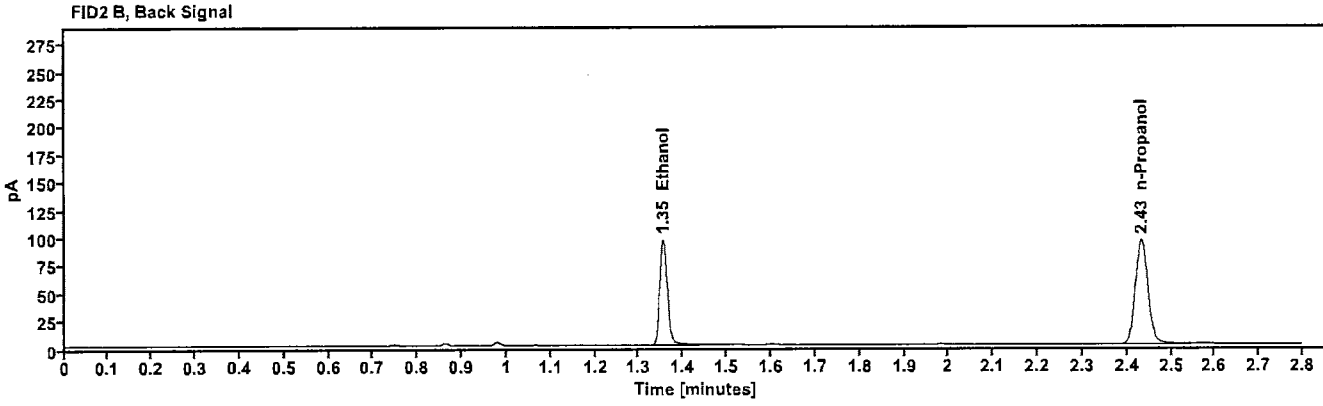
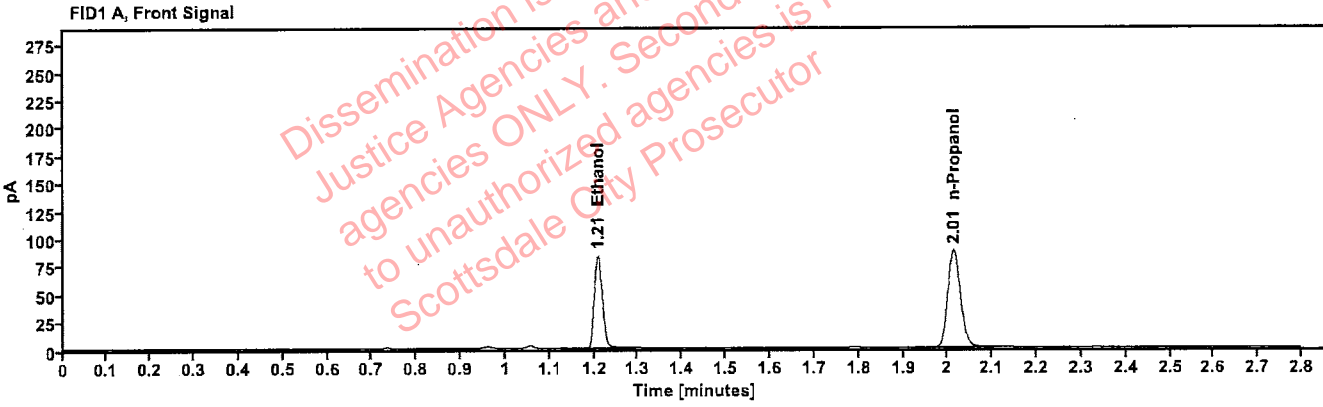


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1673	1.208	105.710
n-Propanol	-----	2.014	174.009

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

Compound	Time (min)	Peak Area
Ethanol	1.354	114.911
n-Propanol	2.432	188.103



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2224319-2	Vial: 38
Description: <span style="background-color: black; color: black;">XXXXXXXXXX</span>	LIMS ID: <span style="background-color: black; color: black;">XXXXXXXXXX</span>
Method: ethanol quant.M	Sequence: 06Jan23
Instrument: US14173023 CN14160045	Injection date: 1/6/2023 5:52:27 PM
Data file: C:\Chem32\1\Data\06Jan23\38.D	Analyst: Brooke <span style="float: right;">PB</span>

VOID

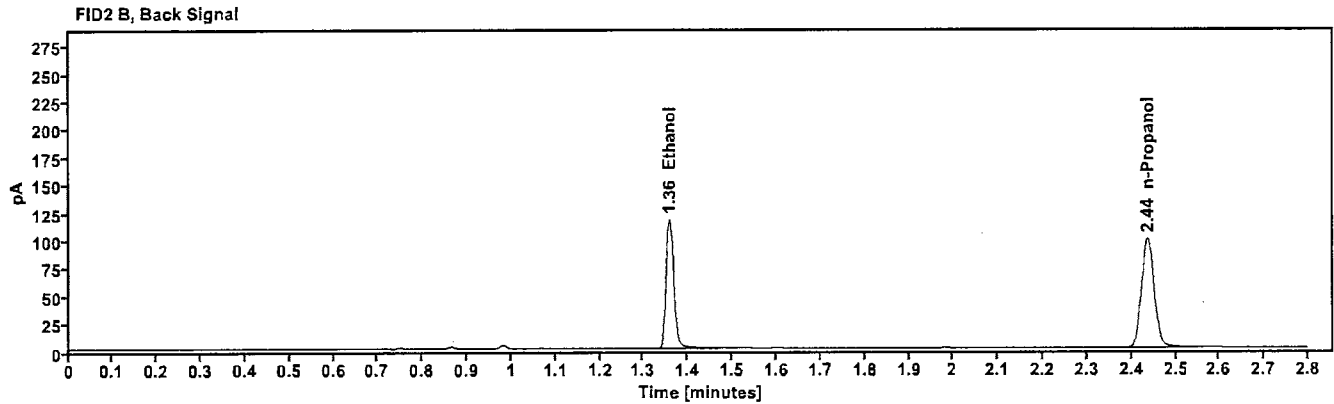
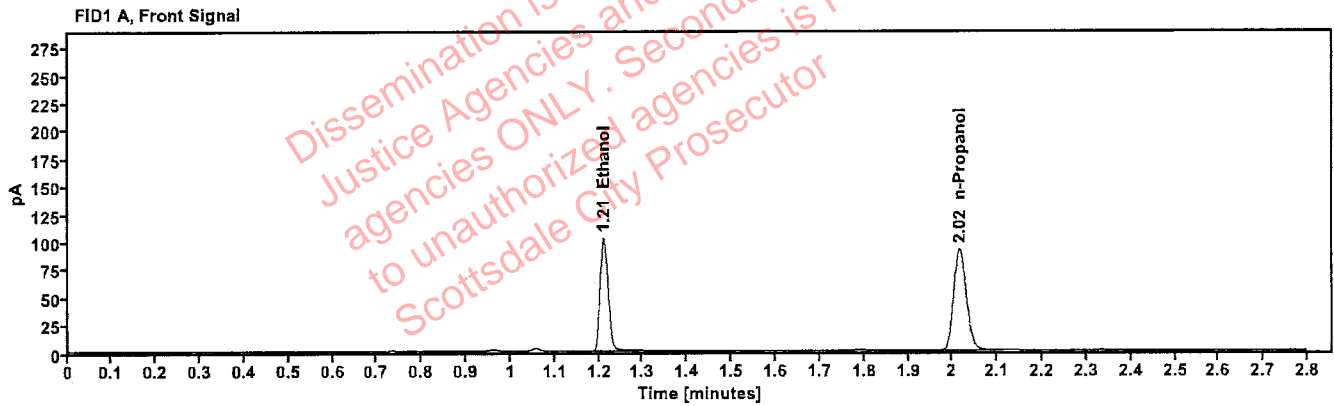


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1958	1.211	130.119
n-Propanol	---	2.016	182.291

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

Compound	Time (min)	Peak Area
Ethanol	1.358	142.222
n-Propanol	2.436	196.955

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224319-2	<b>Vial:</b> 39
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 5:56:26 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\39.D	<b>Analyst:</b> Brooke

PB

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## VOID

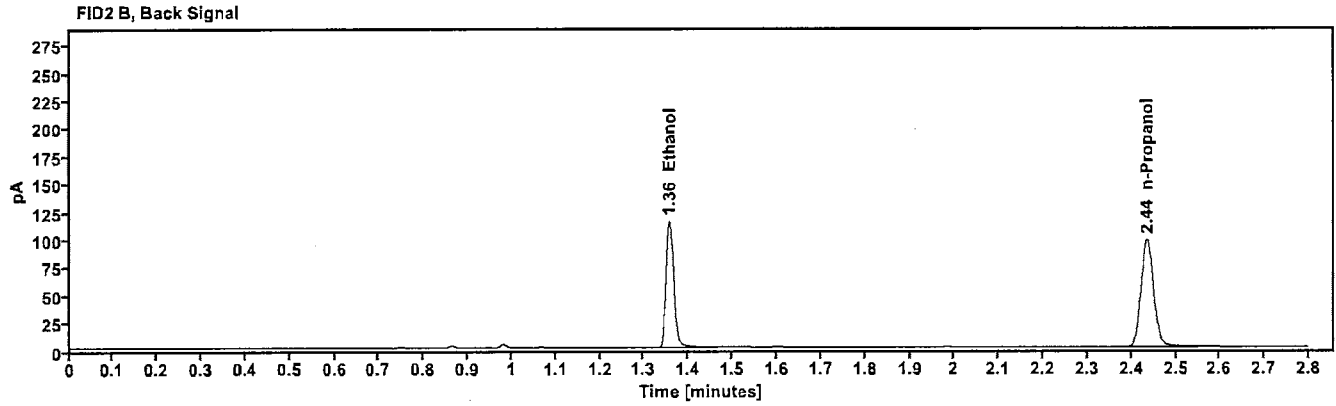
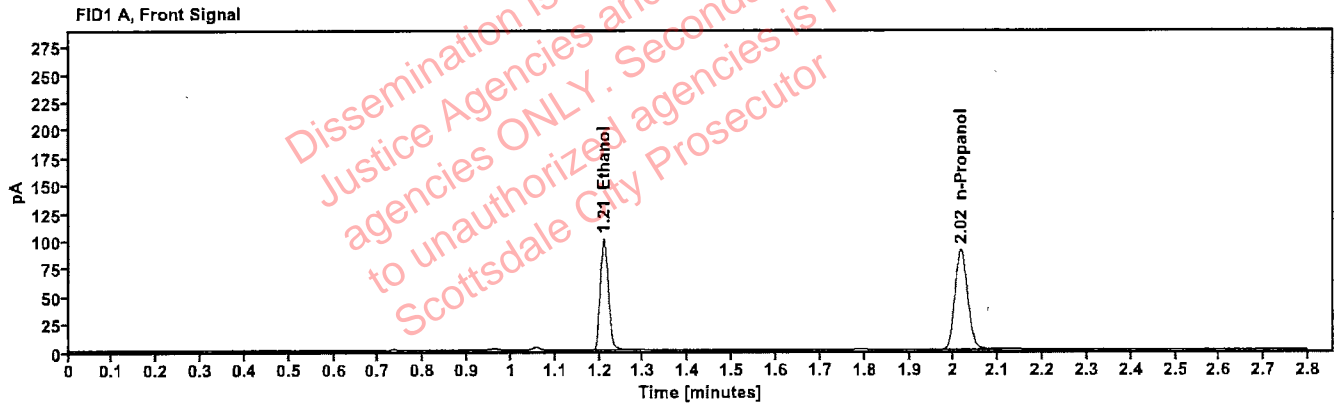


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1950	1.210	127.517
n-Propanol	-----	2.016	179.358

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

Compound	Time (min)	Peak Area
Ethanol	1.357	139.547
n-Propanol	2.435	194.117

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224733-1	<b>Vial:</b> 40
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:00:26 PM
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VOID

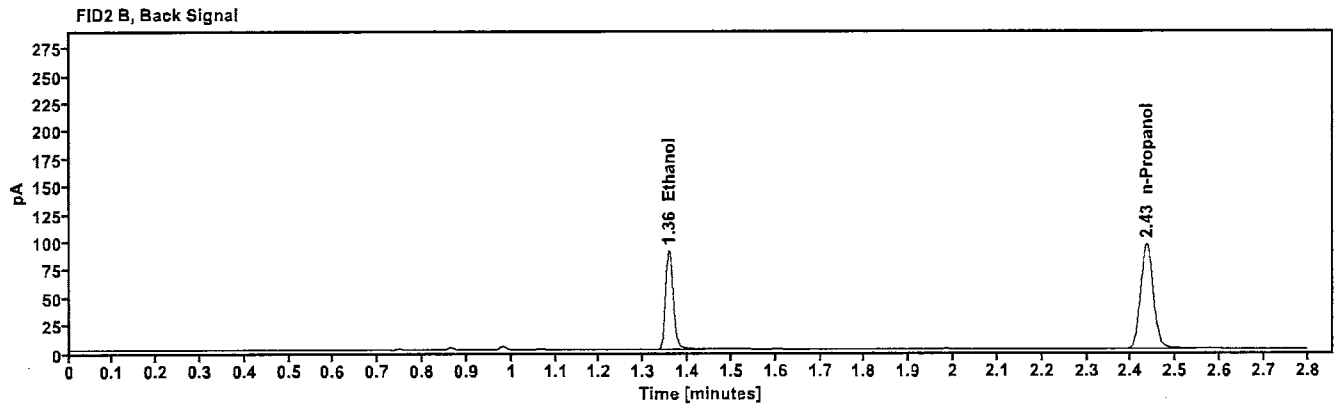
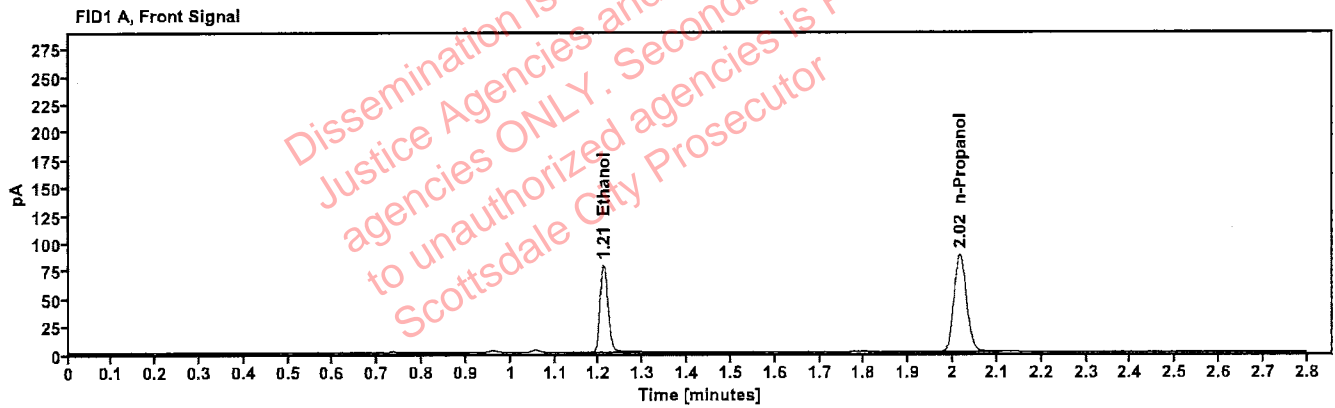


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1574	1.210	99.842
n-Propanol	---	2.016	175.030

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

Compound	Time (min)	Peak Area
Ethanol	1.357	108.729
n-Propanol	2.435	189.240

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224733-1 <b>Description:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem32\1\Data\06Jan23\41.D	<b>Vial:</b> 41 <b>LIMS ID:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Sequence:</b> 06Jan23 <b>Injection date:</b> 1/6/2023 6:04:28 PM <b>Analyst:</b> Brooke <span style="float: right;">PB</span>
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## VOID

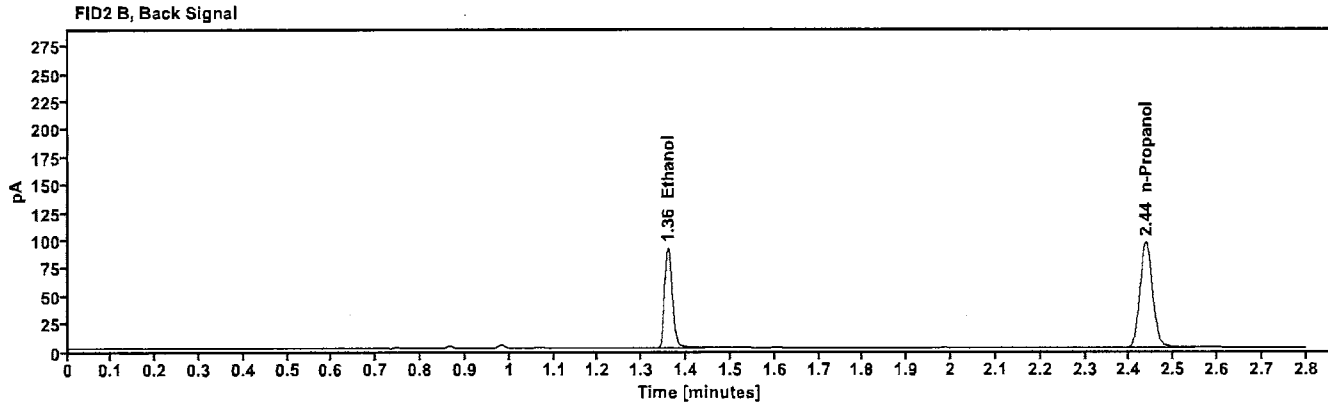
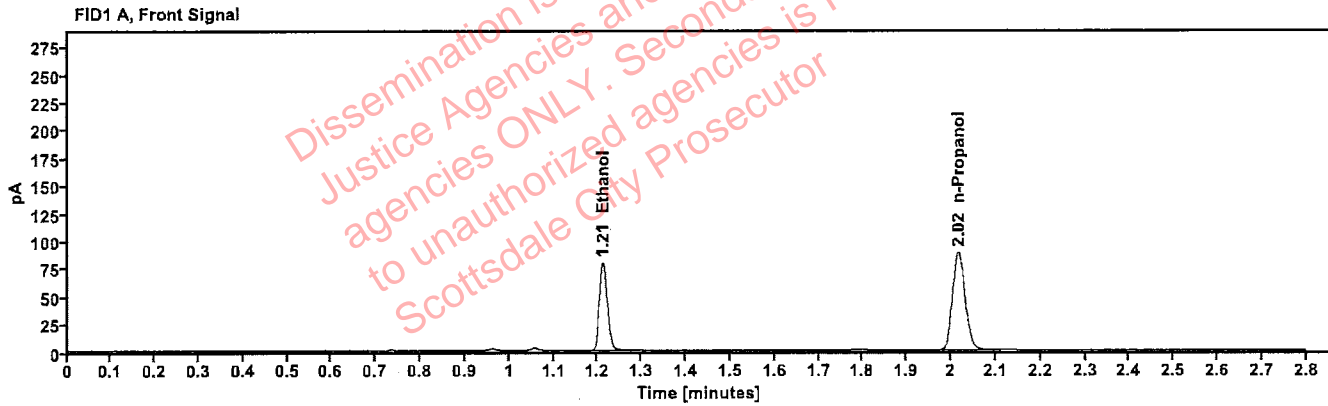


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1590	1.211	101.197
n-Propanol	---	2.017	175.525

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

Compound	Time (min)	Peak Area
Ethanol	1.359	110.215
n-Propanol	2.437	189.803

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224740-2	<b>Vial:</b> 43
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:12:42 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\43.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

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## VOID

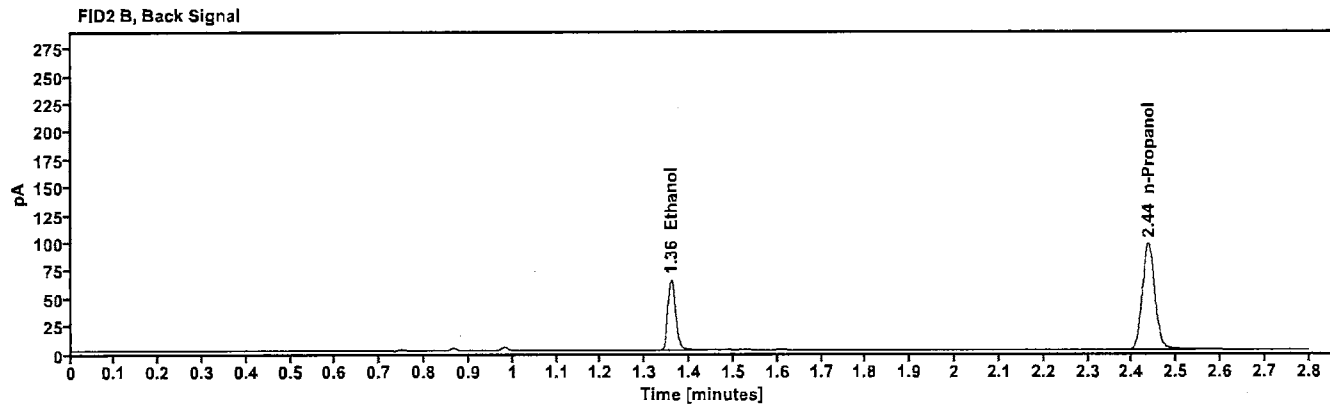
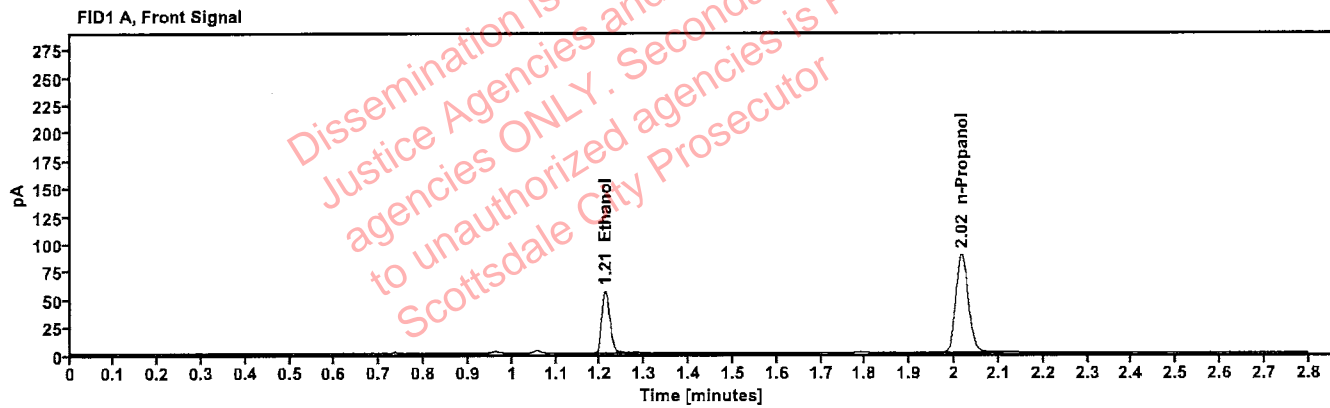


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1132	1.211	71.801
n-Propanol	-----	2.017	177.049

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

Compound	Time (min)	Peak Area
Ethanol	1.359	77.801
n-Propanol	2.437	191.144

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224740-2	<b>Vial:</b> 44
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:16:42 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\44.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

## VOID

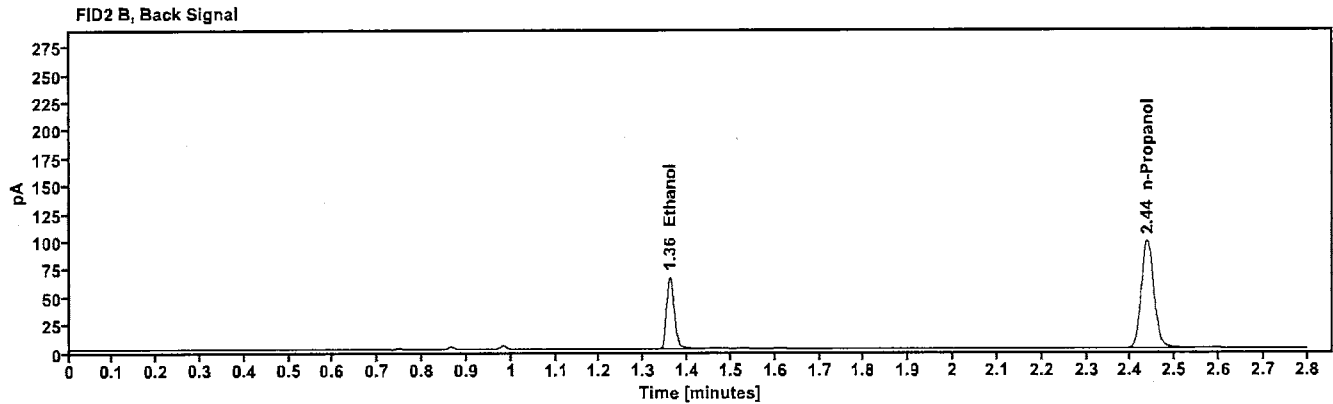
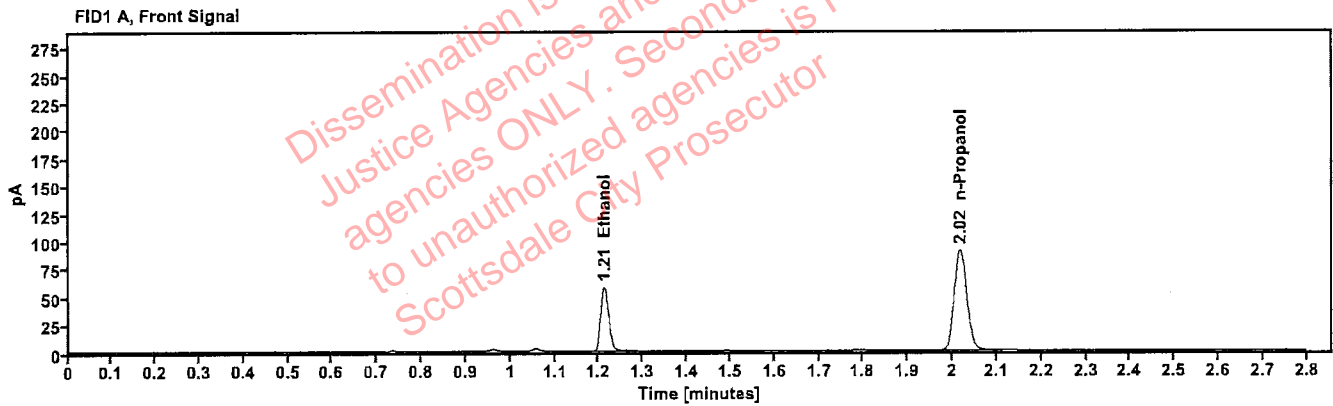


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1142	1.212	73.844
n-Propanol	-----	2.017	180.363

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

Compound	Time (min)	Peak Area
Ethanol	1.360	80.121
n-Propanol	2.438	194.518

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223362-2	<b>Vial:</b> 45
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:20:41 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\45.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

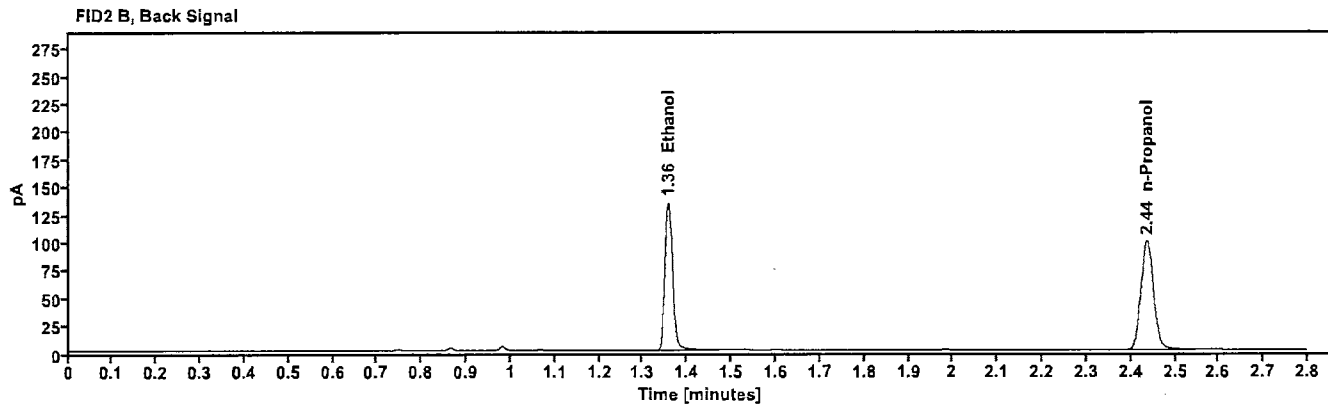
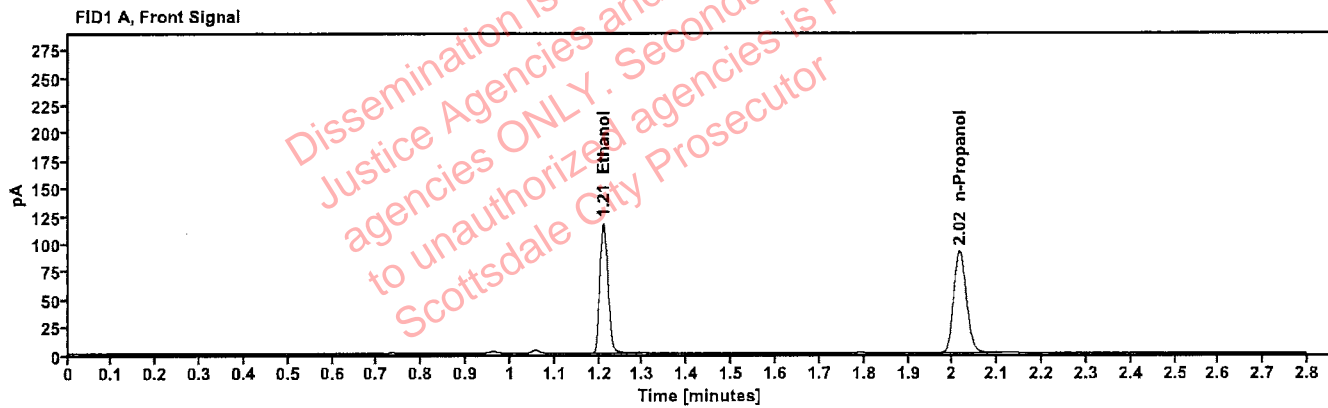


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2239	1.210	149.054
n-Propanol	-----	2.016	182.048

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

Compound	Time (min)	Peak Area
Ethanol	1.358	162.985
n-Propanol	2.436	196.649

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2223362-2 <b>Description:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem32\1\Data\06Jan23\46.D	<b>Vial:</b> 46 <b>LIMS ID:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Sequence:</b> 06Jan23 <b>Injection date:</b> 1/6/2023 6:24:41 PM <b>Analyst:</b> Brooke
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PB

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## VOID

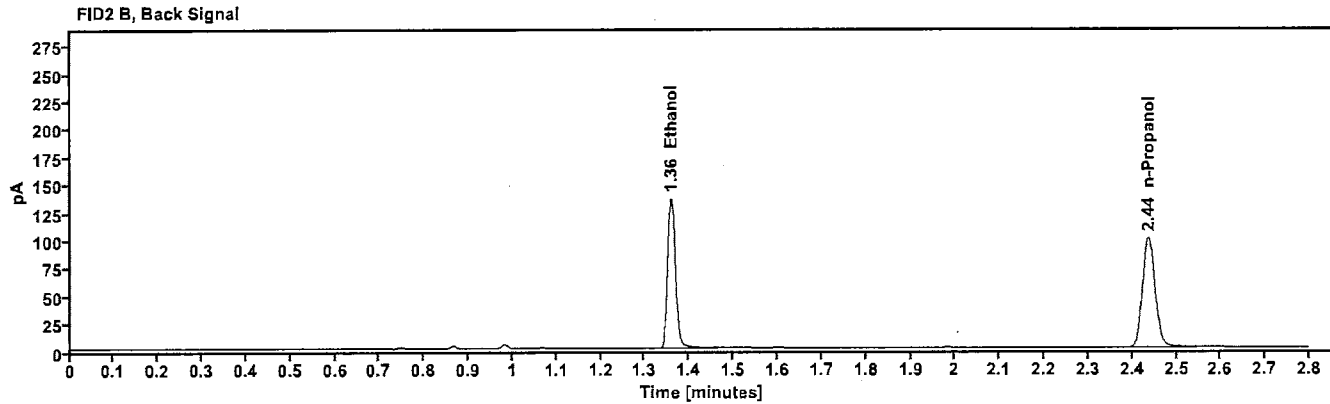
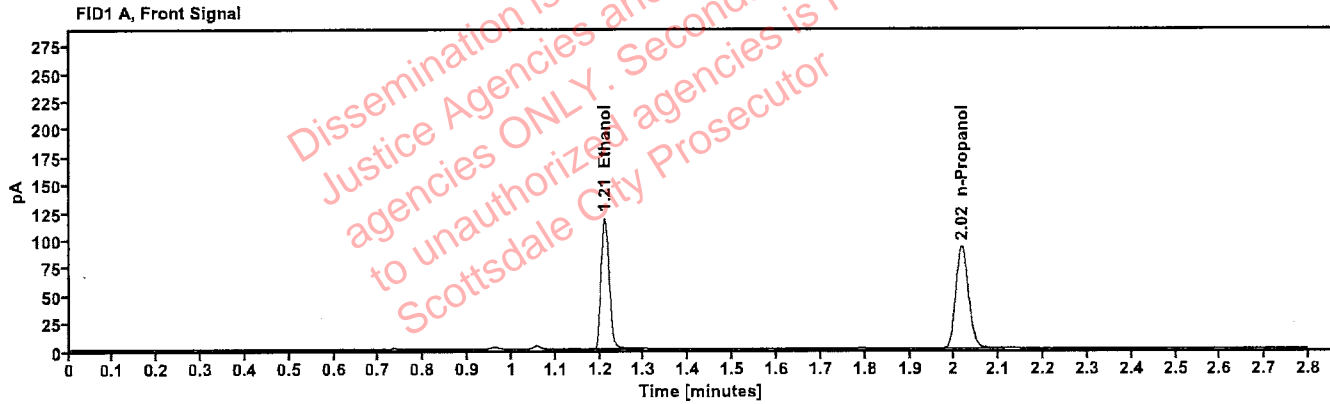


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2258	1.211	151.608
n-Propanol	-----	2.017	183.549

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

Compound	Time (min)	Peak Area
Ethanol	1.359	165.771
n-Propanol	2.437	198.165



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224923-1	<b>Vial:</b> 47
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:28:43 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\47.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

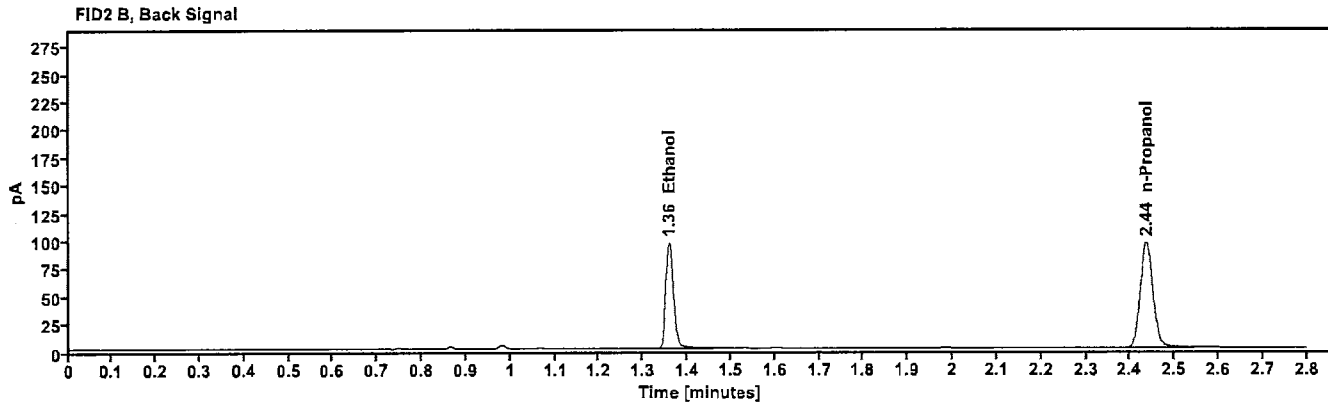
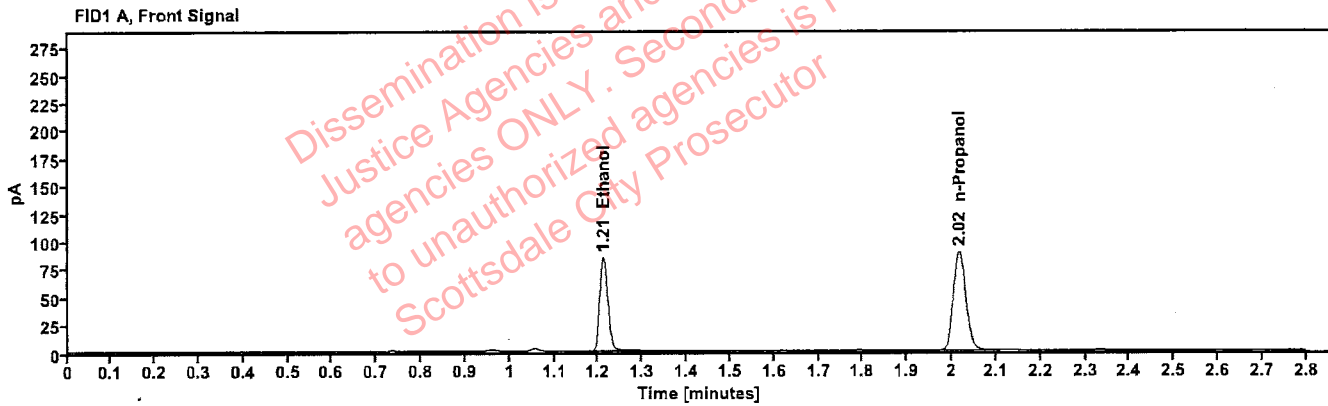


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1669	1.211	107.118
n-Propanol	-----	2.017	176.728

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

Compound	Time (min)	Peak Area
Ethanol	1.359	116.994
n-Propanol	2.437	190.919

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2224923-1 <b>Description:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Method:</b> ethanol quant.M <b>Instrument:</b> US14173023 CN14160045 <b>Data file:</b> C:\Chem32\1\Data\06Jan23\48.D	<b>Vial:</b> 48 <b>LIMS ID:</b> <span style="background-color: black; color: black;">XXXXXXXXXX</span> <b>Sequence:</b> 06Jan23 <b>Injection date:</b> 1/6/2023 6:32:43 PM <b>Analyst:</b> Brooke
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PB

## VOID

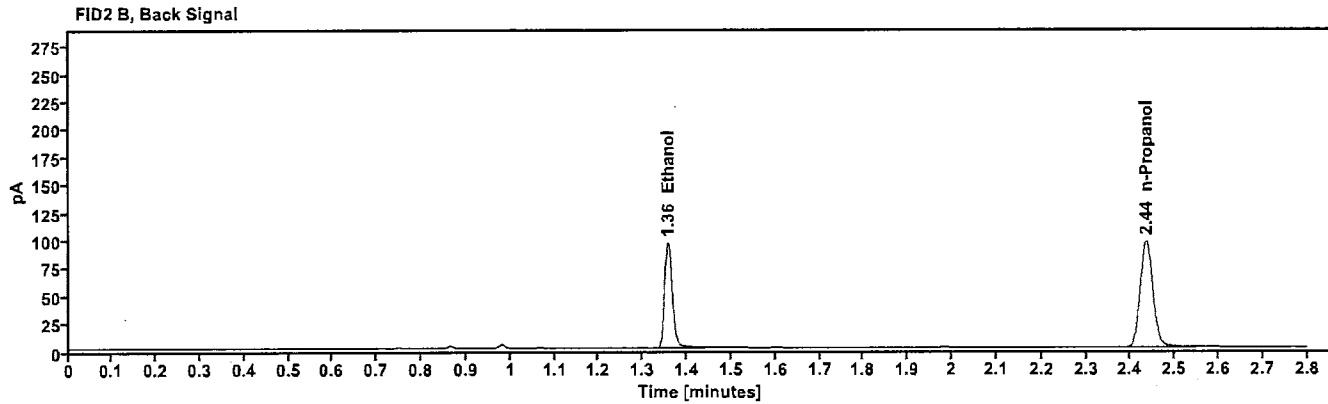
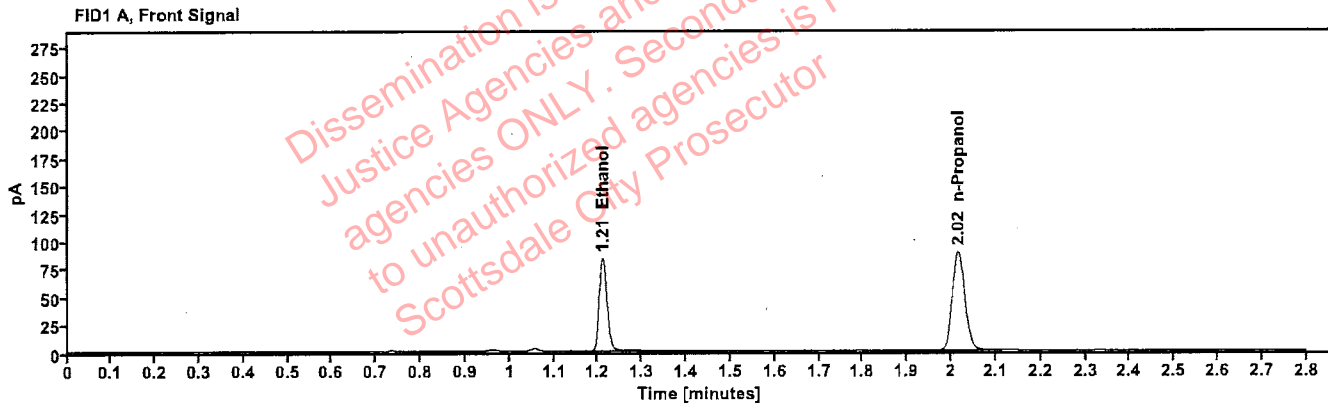


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1657	1.210	106.577
n-Propanol	-----	2.016	177.168

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

Compound	Time (min)	Peak Area
Ethanol	1.357	115.890
n-Propanol	2.435	191.588

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2225113-1	<b>Vial:</b> 49
<b>Description:</b> ██████████	<b>LIMS ID:</b> ██████████
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:36:56 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\49.D	<b>Analyst:</b> Brooke <span style="float: right;">RB</span>

VOID

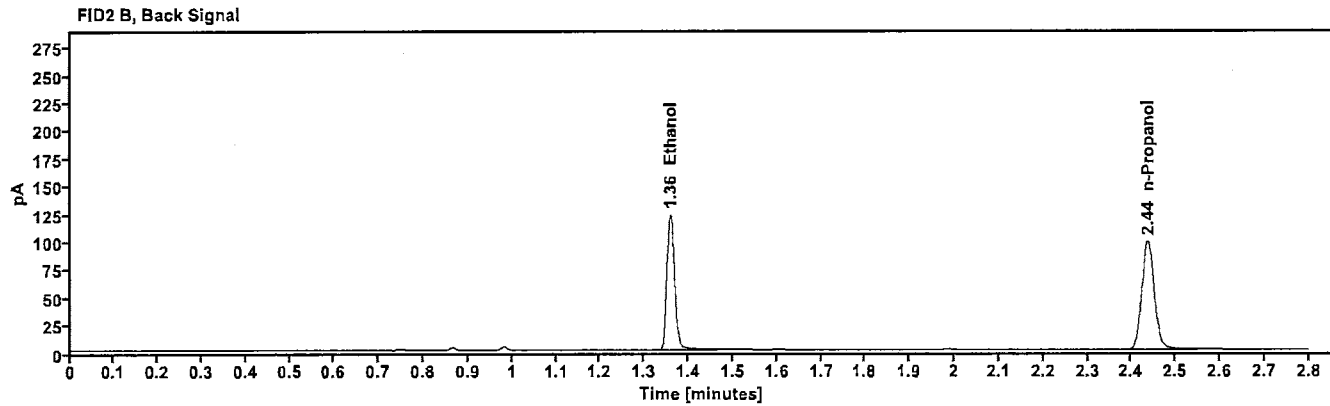
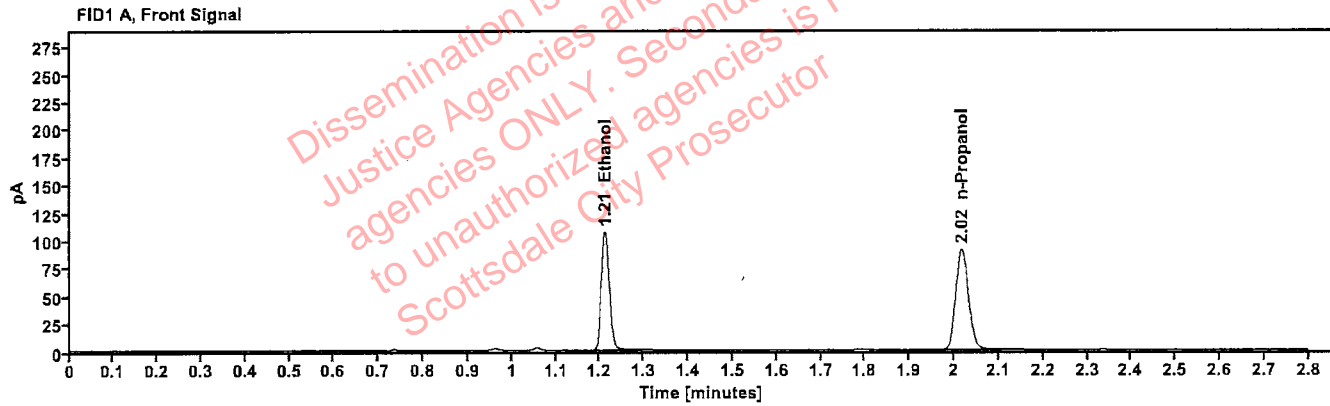


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2070	1.211	136.423
n-Propanol	---	2.017	180.515

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

Compound	Time (min)	Peak Area
Ethanol	1.359	148.994
n-Propanol	2.437	194.834

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 2225113-1	<b>Vial:</b> 50
<b>Description:</b> [REDACTED]	<b>LIMS ID:</b> [REDACTED]
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 06Jan23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 1/6/2023 6:40:56 PM
<b>Data file:</b> C:\Chem32\1\Data\06Jan23\50.D	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>

VOID

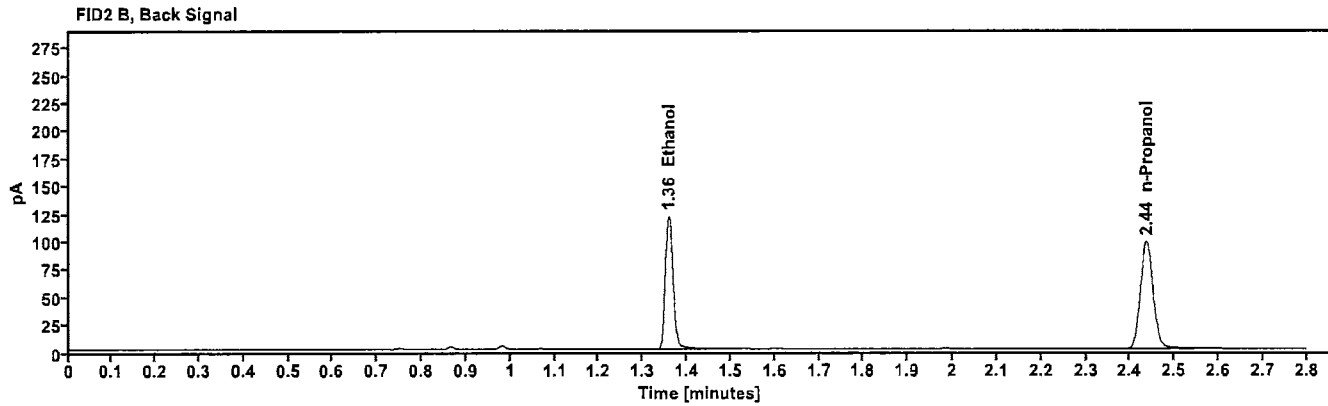
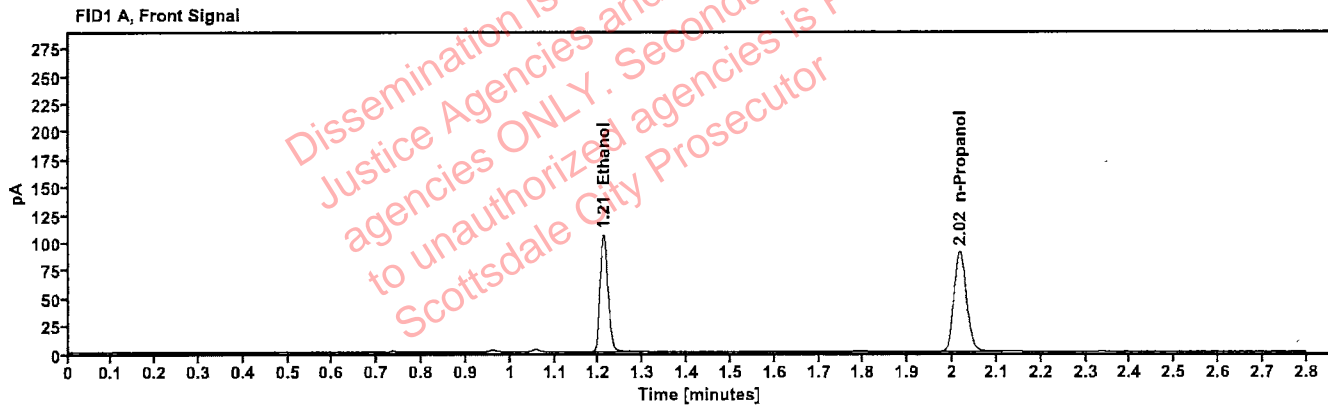


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.211	134.477
n-Propanol	---	2.017	179.150

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

Compound	Time (min)	Peak Area
Ethanol	1.358	146.863
n-Propanol	2.436	193.308