

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/02/2021 SEQUENCE NAME 02Mar21

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 1.00000  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 112420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
42	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
53	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
55	Blood control	0.198 g/dL	0.202 g/dL	ACQ 407041529/13
56	Blank	Not detected	Not detected	SPD lab 111020WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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Run valid  Run invalid   
  
 Analyst

Run valid  Run invalid   
  
 Technical Reviewer

# Sequence Summary

Sequence name: 02Mar21      Instrument: US14173023 CN14160045      Analyst: Abbott

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	112420AQ	Negative	Control		ethanol quant.M
6	070819MIX	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	407041529/13	0.198	Control		ethanol quant.M
10	1360247		Sample		ethanol quant.M
11	1360247		Sample		ethanol quant.M
12	1360430		Sample		ethanol quant.M
13	1360430		Sample		ethanol quant.M
14	1360518		Sample		ethanol quant.M
15	1360518		Sample		ethanol quant.M
16	1361095		Sample		ethanol quant.M
17	1361095		Sample		ethanol quant.M
18	1361106		Sample		ethanol quant.M
19	1361106		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1361097		Sample		ethanol quant.M
22	1361097		Sample		ethanol quant.M
23	1361278		Sample		ethanol quant.M
24	1361278		Sample		ethanol quant.M
25	1361529		Sample		ethanol quant.M
26	1361529		Sample		ethanol quant.M
27	1361350		Sample		ethanol quant.M
28	1361350		Sample		ethanol quant.M
29	1361528		Sample		ethanol quant.M
30	1361528		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1361517		Sample		ethanol quant.M
33	1361517		Sample		ethanol quant.M
34	1272219		Sample		ethanol quant.M
35	1272219		Sample		ethanol quant.M
36	1341931		Sample		ethanol quant.M
37	1341931		Sample		ethanol quant.M
38	1360256		Sample		ethanol quant.M
39	1360256		Sample		ethanol quant.M
40	1332782		Sample		ethanol quant.M
41	1332782		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1361471		Sample		ethanol quant.M
44	1361471		Sample		ethanol quant.M
45	1361847		Sample		ethanol quant.M
46	1361847		Sample		ethanol quant.M
47	1361496		Sample		ethanol quant.M

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# Sequence Summary

48	1361496		Sample		ethanol quant.M
49	1361963		Sample		ethanol quant.M
50	1361963		Sample		ethanol quant.M
51	1333261		Sample		ethanol quant.M
52	1333261		Sample		ethanol quant.M
53	11092018-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	407041529/13	0.198	Control		ethanol quant.M
56	111020WB	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

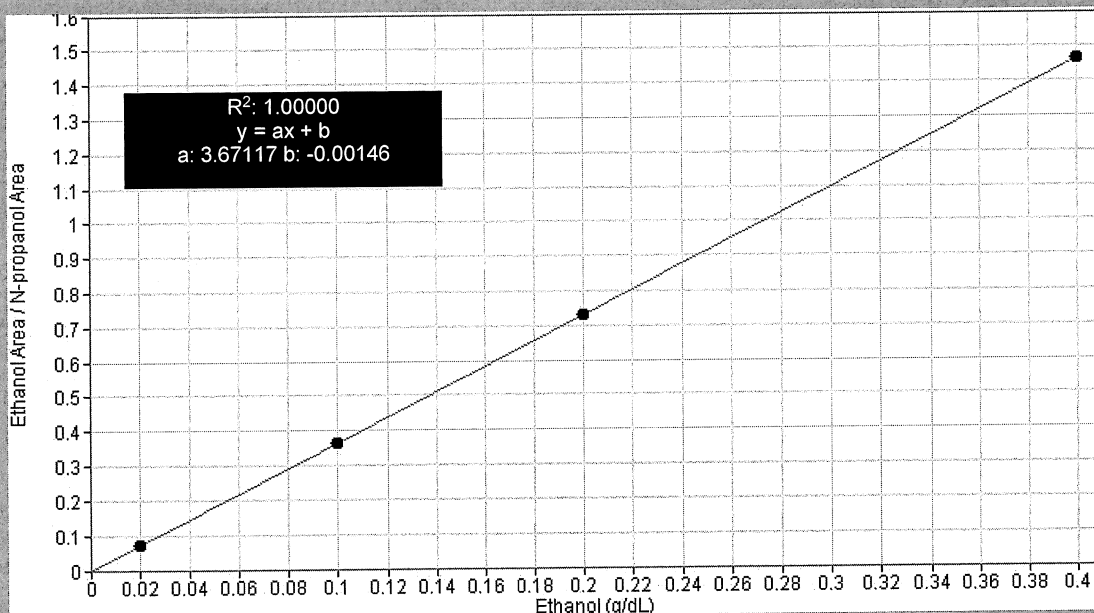
SEQUENCE NAME: 02Mar21

ANALYST: Abbott

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.201	0.198	1.52	0.003
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.198 407041529/13	42	0.200	0.198	1.01	0.002
0.400 11092018-A	53	0.407	0.400	1.75	0.007
0.040 14082019-B	54	0.040	0.040	0.00	0.000
0.198 407041529/13	55	0.202	0.198	2.02	0.004
blank 111020WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.540	162.027	0.071
0.100	60.085	164.026	0.366
0.200	118.642	161.814	0.733
0.400	238.947	162.919	1.467

### Calibration Line





# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN06141806	<b>Vial:</b> 1
<b>Description:</b> 0.020 calibrator	<b>Sequence:</b> 02Mar21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/2/2021 12:22:10 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>DA</i>
<b>Data file:</b> C:\Chem32\1\Data\02Mar21\1.D	

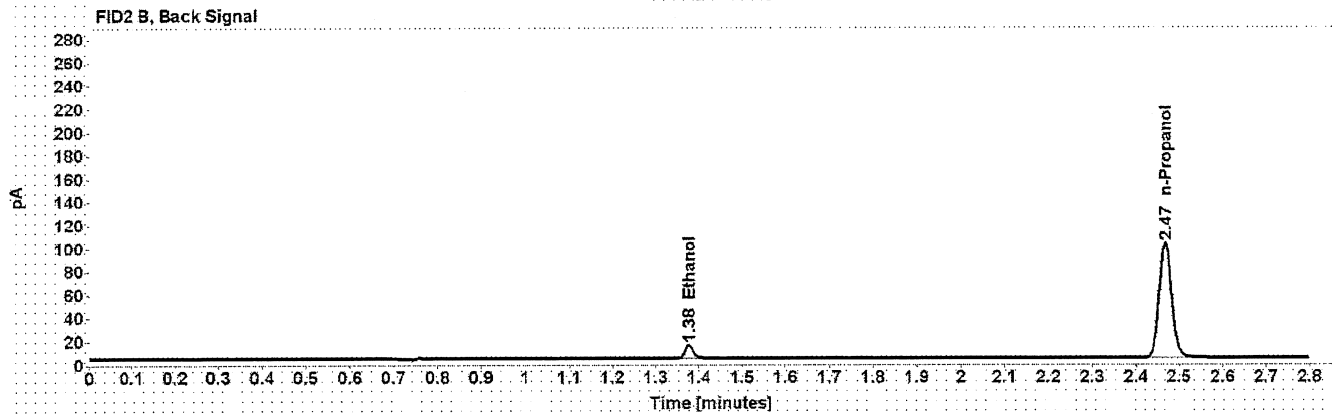
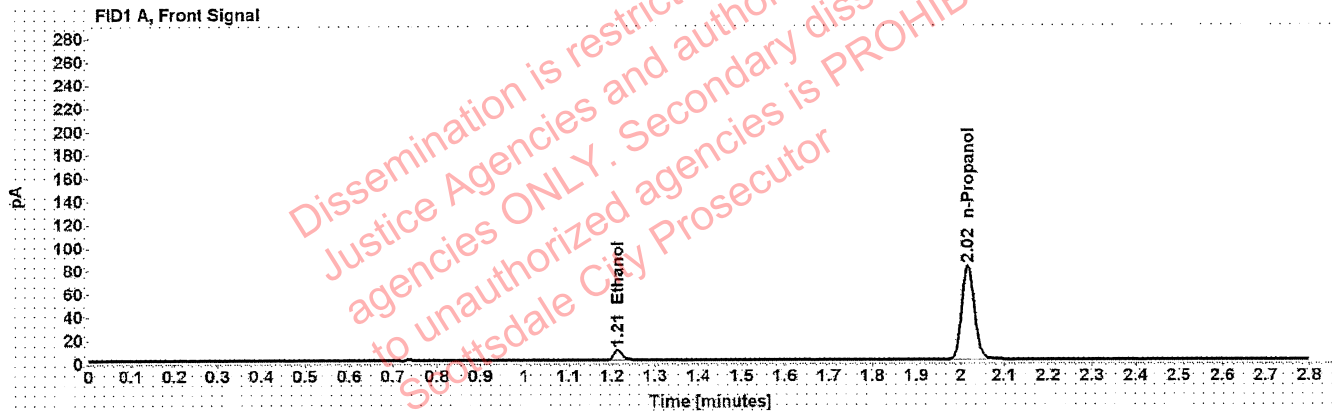


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.540
n-Propanol	2.017	162.027

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.399
n-Propanol	2.468	200.277

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 02Mar21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/2/2021 12:26:10 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>ah</i>
<b>Data file:</b> C:\Chem32\1\Data\02Mar21\2.D	

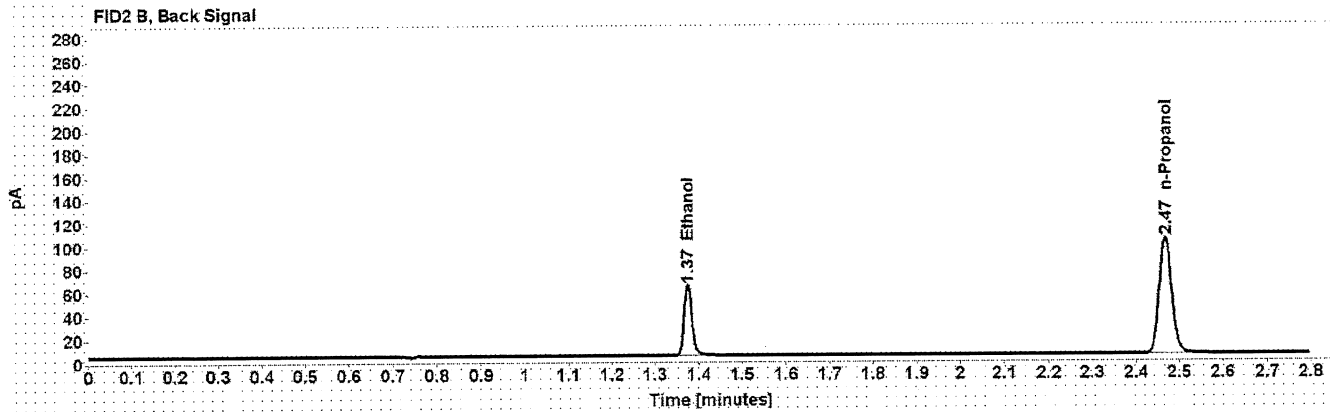
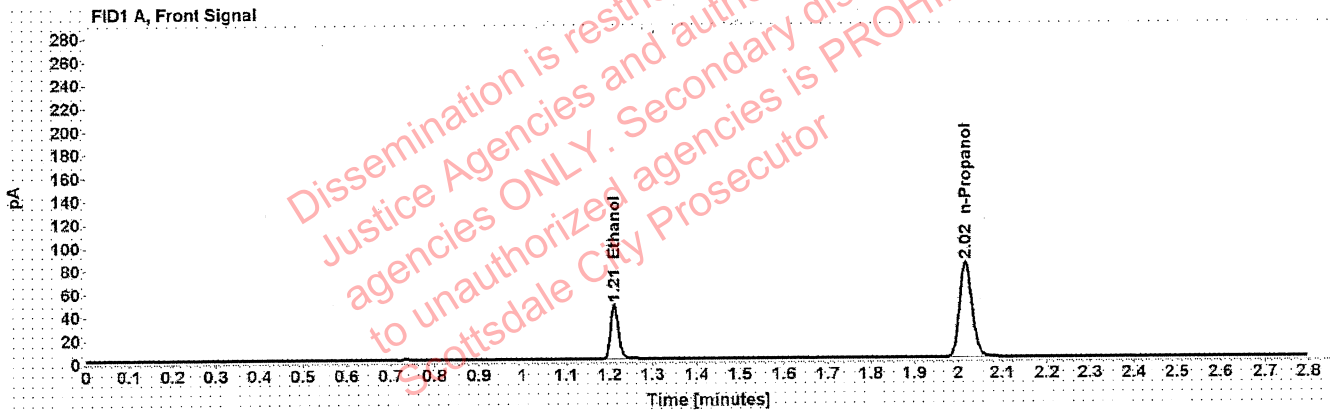


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	60.085
n-Propanol	2.017	164.026

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

Compound	Time (min)	Peak Area
Ethanol	1.375	74.900
n-Propanol	2.468	202.866

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 02Mar21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/2/2021 12:30:10 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\02Mar21\3.D	

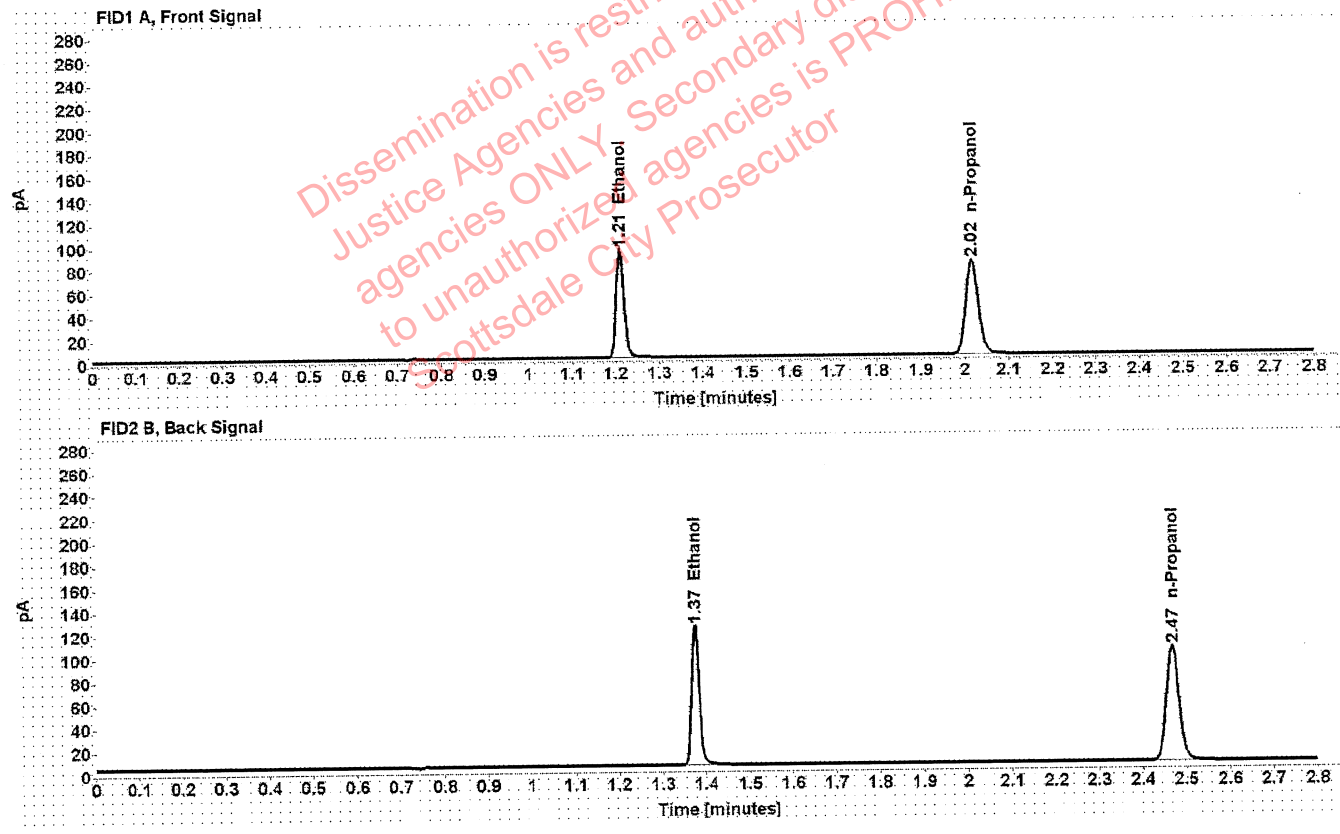


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	118.642
n-Propanol	2.017	161.814

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

Compound	Time (min)	Peak Area
Ethanol	1.374	148.306
n-Propanol	2.468	200.155

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 02Mar21
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/2/2021 12:34:10 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\02Mar21\4.D	

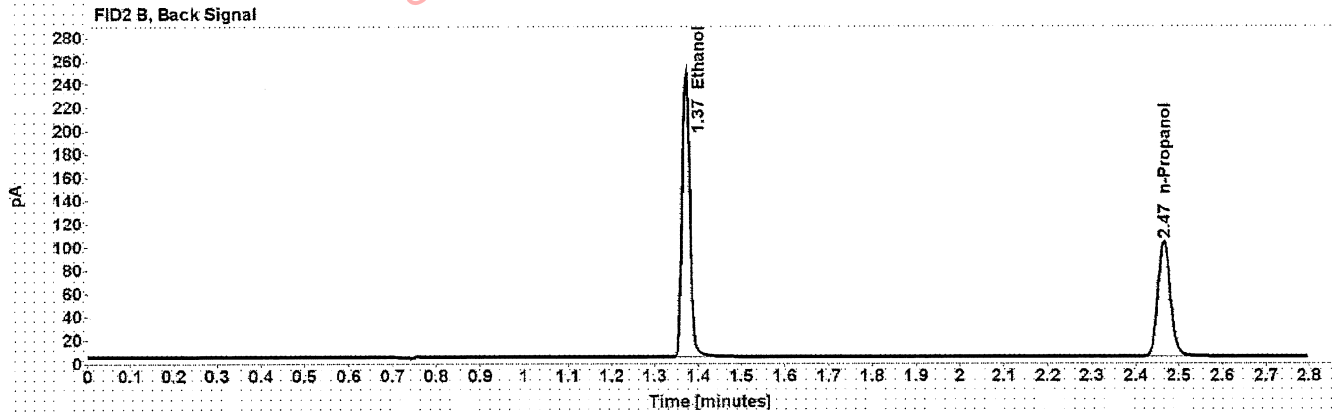
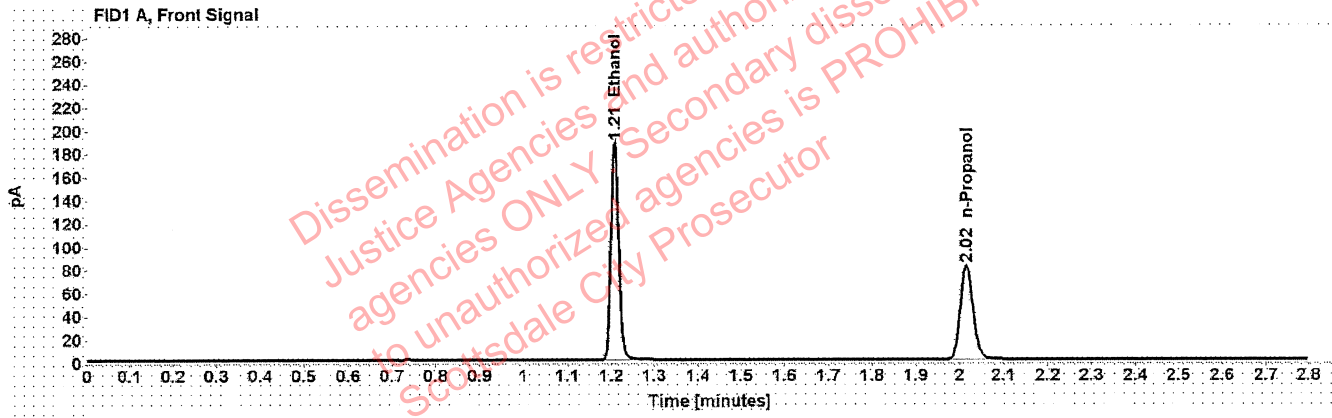


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	238.947
n-Propanol	2.015	162.919

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

Compound	Time (min)	Peak Area
Ethanol	1.371	299.492
n-Propanol	2.465	201.808

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 112420AQ	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 02Mar21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/2/2021 12:38:10 PM
<b>Data file:</b> C:\Chem32\1\Data\02Mar21\5.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>

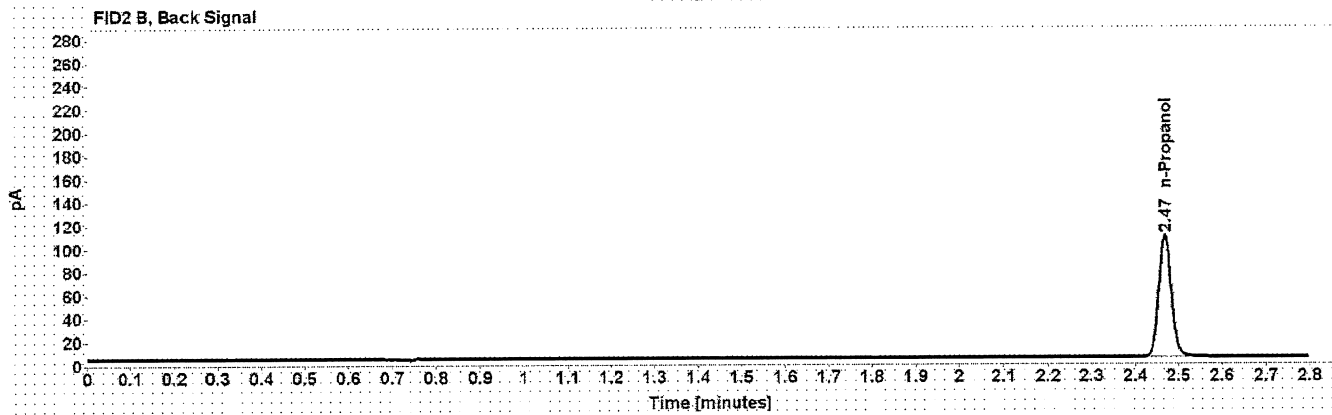
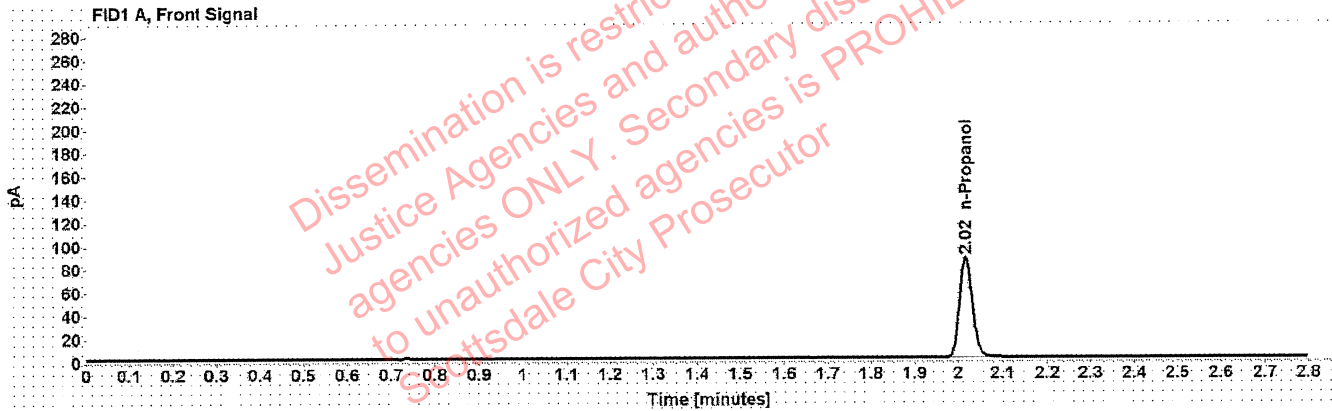


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	172.202

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	212.582



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	070819MIX	<b>Vial:</b>	6
<b>Description:</b>	Volatiles mix	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	02Mar21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	3/2/2021 12:42:10 PM
<b>Data file:</b>	C:\Chem32\1\Data\02Mar21\6.D	<b>Analyst:</b>	Abbott <span style="float: right;">AK</span>

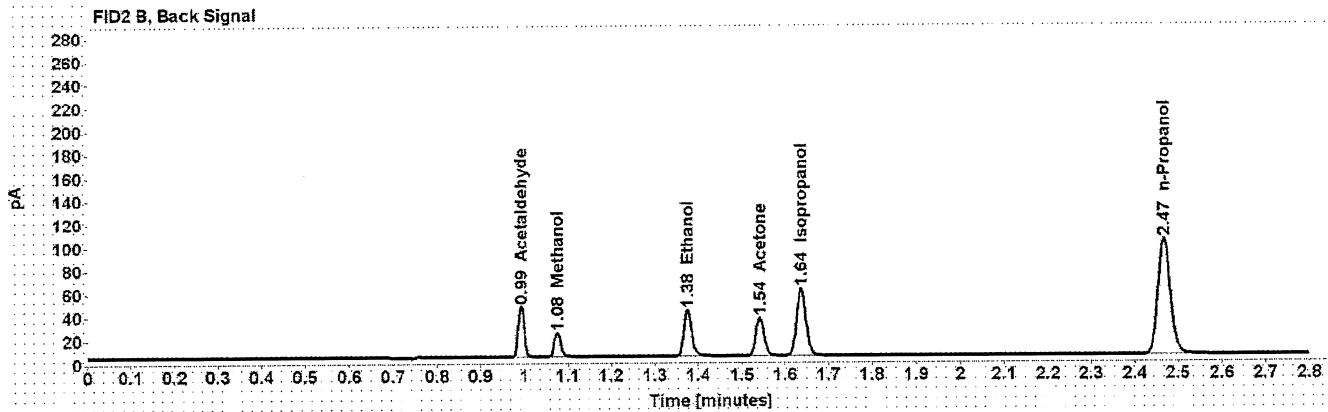
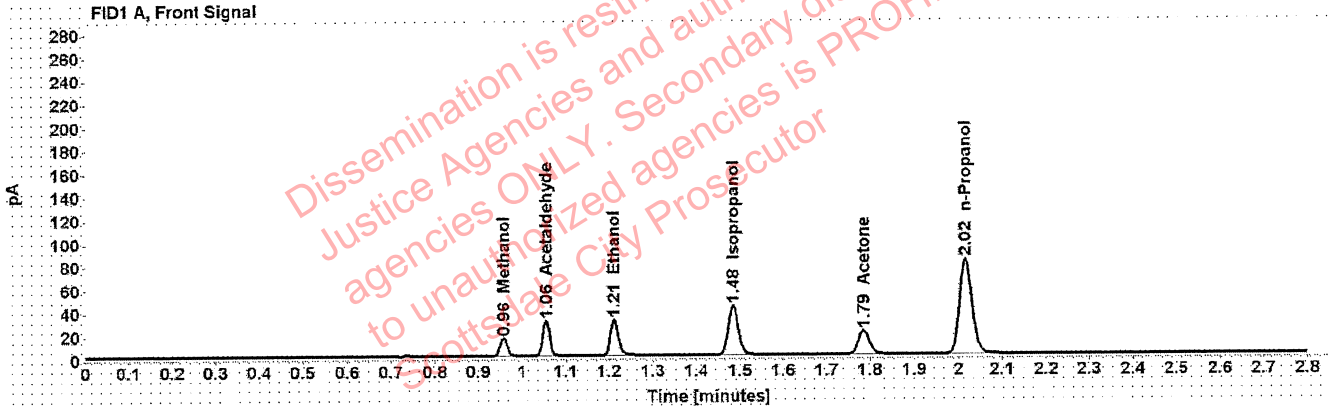


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.466
Acetaldehyde	-----	1.055	32.962
>Ethanol	0.0670	1.211	39.846
Isopropanol	-----	1.485	67.954
Acetone	-----	1.785	34.819
n-Propanol	-----	2.017	162.936

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	42.896
Methanol	1.077	22.461
Ethanol	1.375	49.636
Acetone	1.541	43.124
Isopropanol	1.637	87.159
n-Propanol	2.468	201.356

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 7
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 02Mar21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/2/2021 12:46:25 PM
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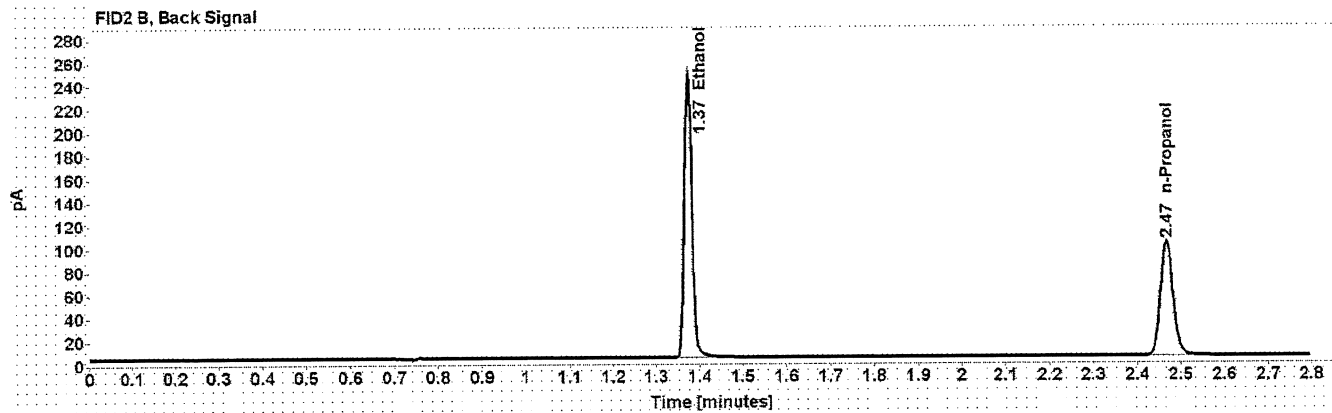
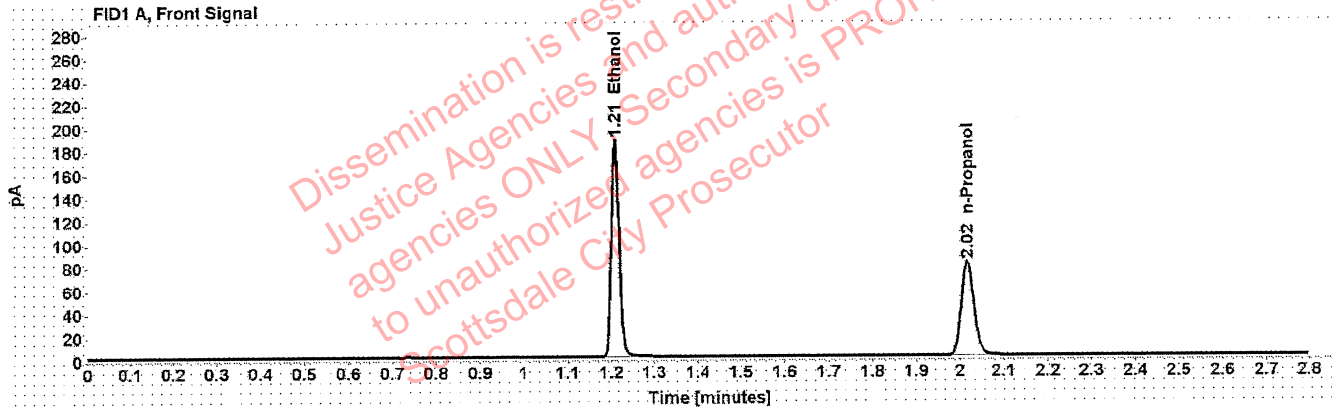


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4029	1.209	238.728
n-Propanol	-----	2.016	161.565

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

Compound	Time (min)	Peak Area
Ethanol	1.374	299.030
n-Propanol	2.467	199.794

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 12:50:25 PM
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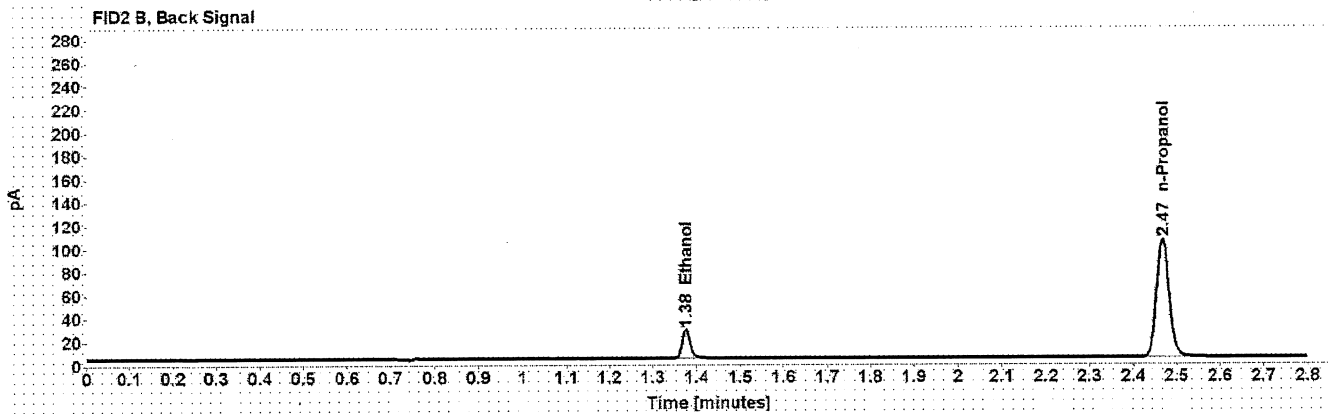
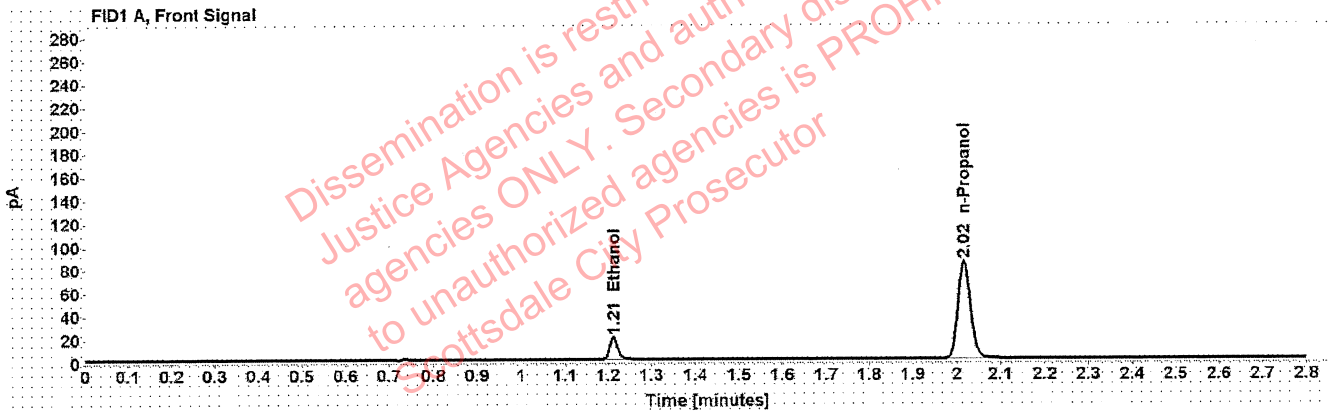


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0407	1.212	24.725
n-Propanol	-----	2.017	167.297

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.810
n-Propanol	2.468	206.477

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 12:54:25 PM
Data file: C:\Chem32\1\Data\02Mar21\9.D	Analyst: Abbott <i>JA</i>

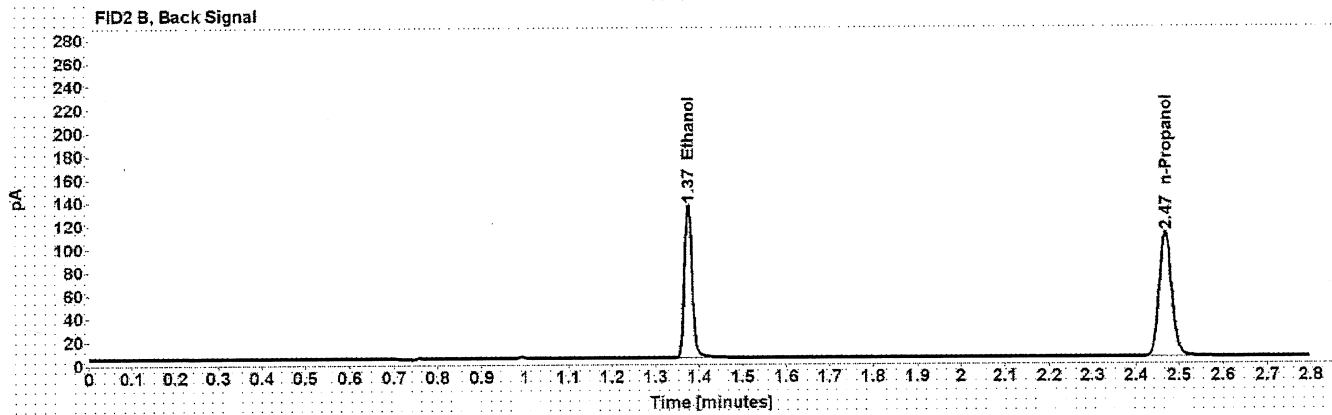
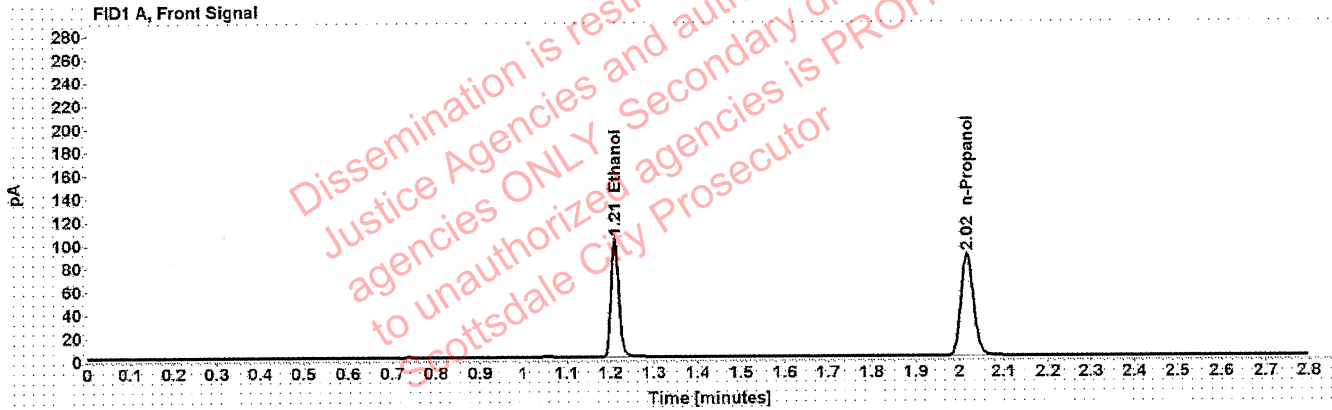


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2017	1.210	129.974
n-Propanol	-----	2.017	175.862

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.098
n-Propanol	2.468	217.265

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 1:38:56 PM
Data file: C:\Chem32\1\Data\02Mar21\20.D	Analyst: Abbott

*Abbott*

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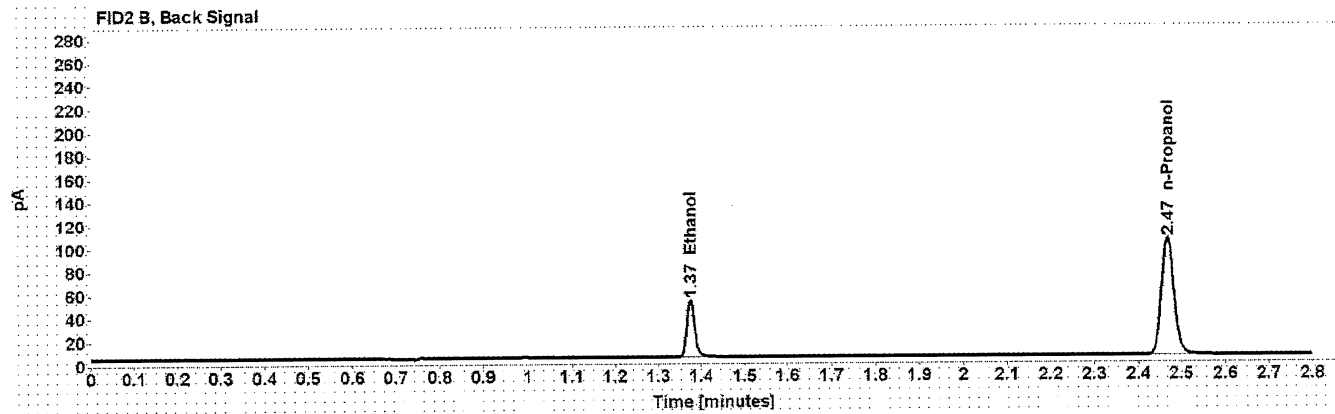
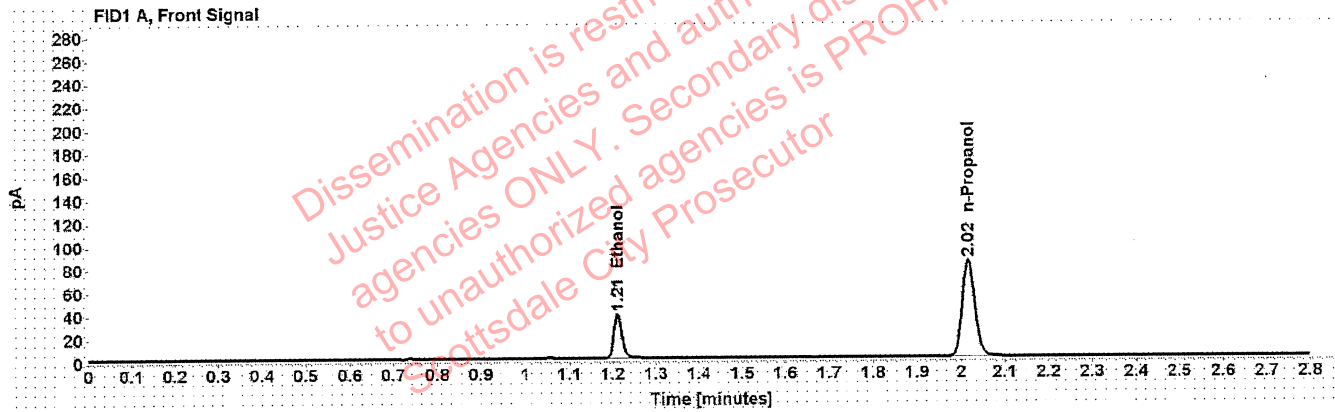


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.211	48.981
n-Propanol	-----	2.017	166.763

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.995
n-Propanol	2.468	205.283



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	03102016-A/1	<b>Vial:</b>	31
<b>Description:</b>	0.080	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	02Mar21
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	3/2/2021 2:23:25 PM
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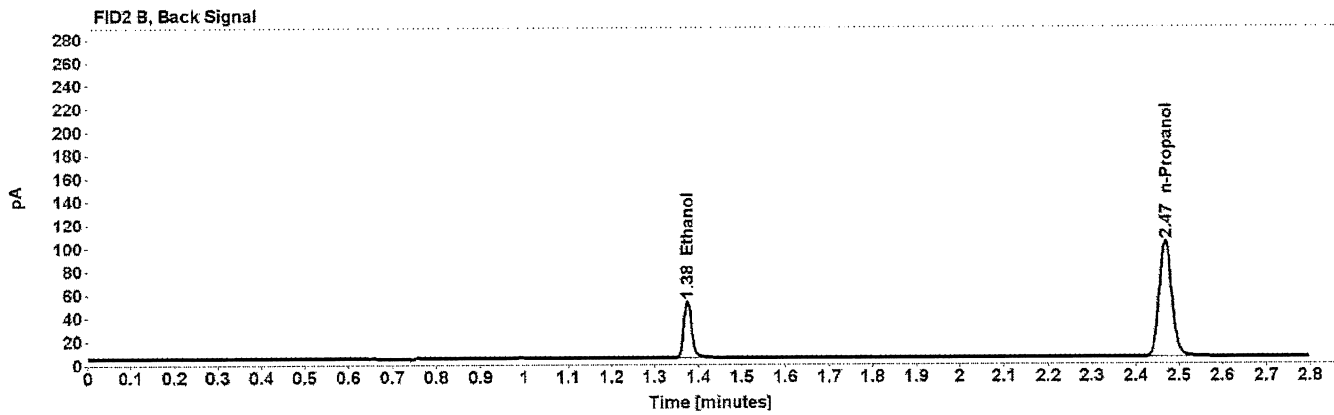
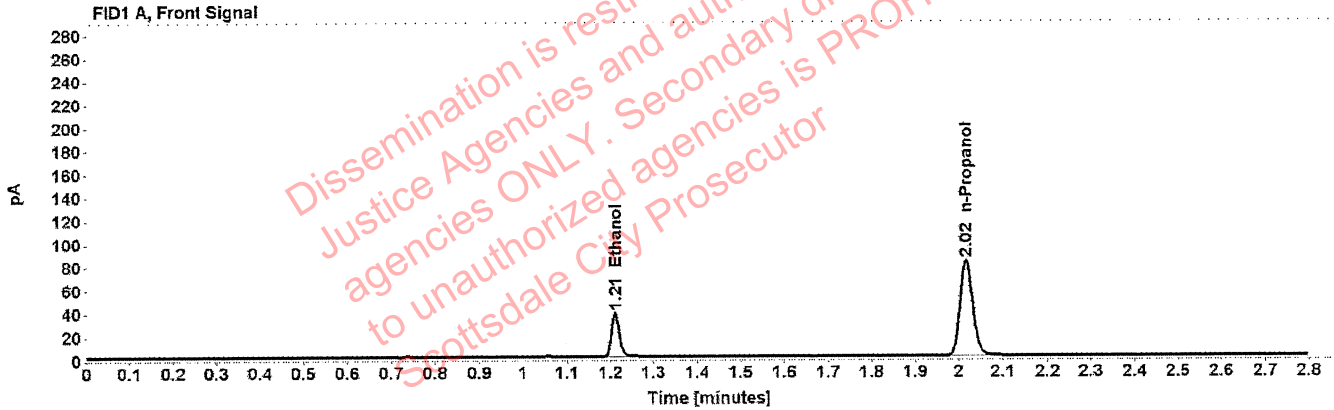


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.211	48.735
n-Propanol	-----	2.017	164.619

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

Compound	Time (min)	Peak Area
Ethanol	1.375	60.562
n-Propanol	2.468	202.416

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 42
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 02Mar21
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/2/2021 3:07:41 PM
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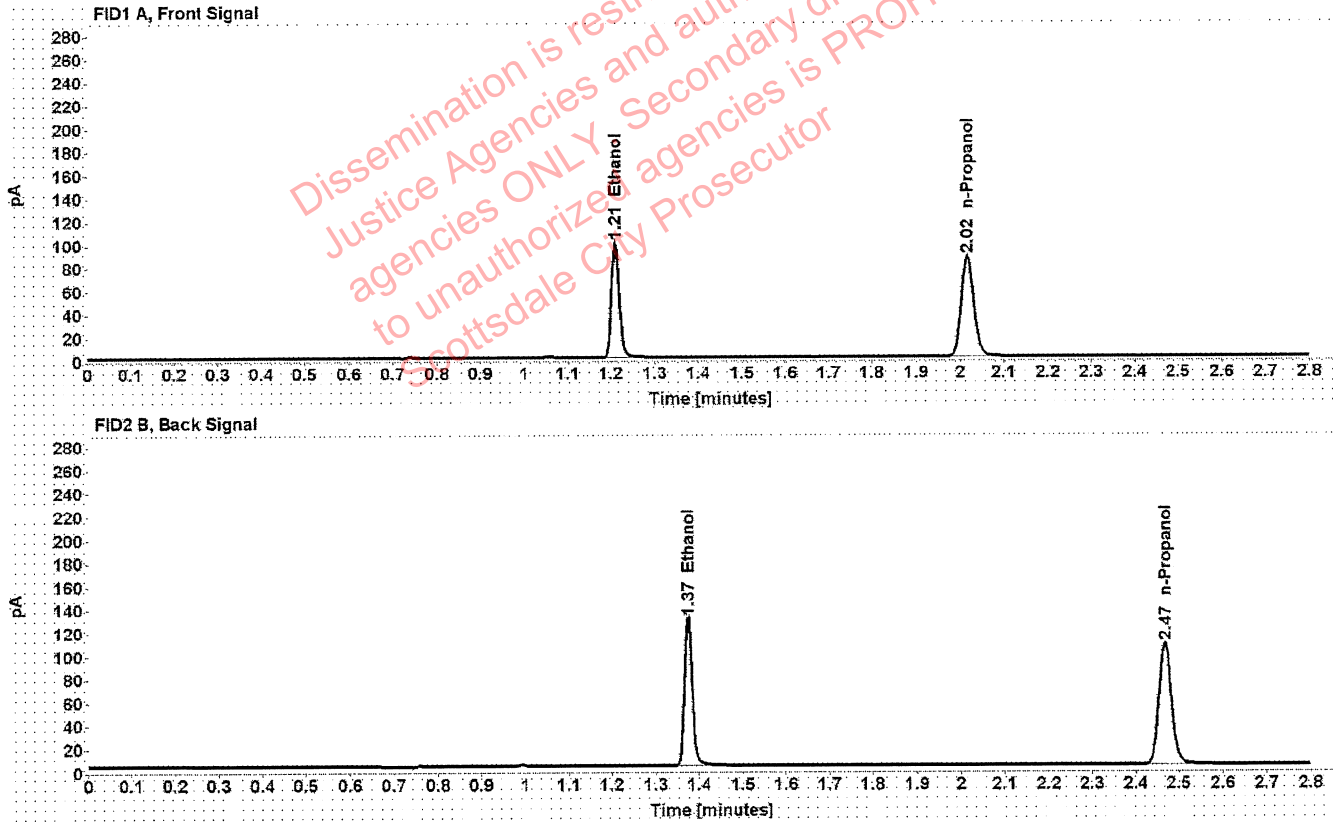


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.210	127.110
n-Propanol	-----	2.017	172.730

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.665
n-Propanol	2.468	212.641

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 53
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 3:52:11 PM
Data file: C:\Chem32\1\Data\02Mar21\53.D	Analyst: Abbott <span style="float: right;"><i>Abbott</i></span>

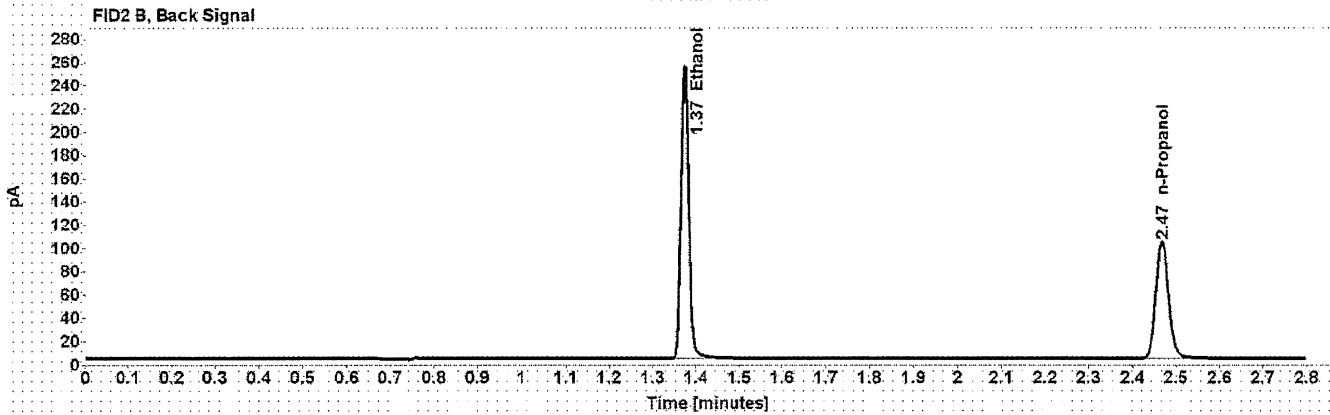
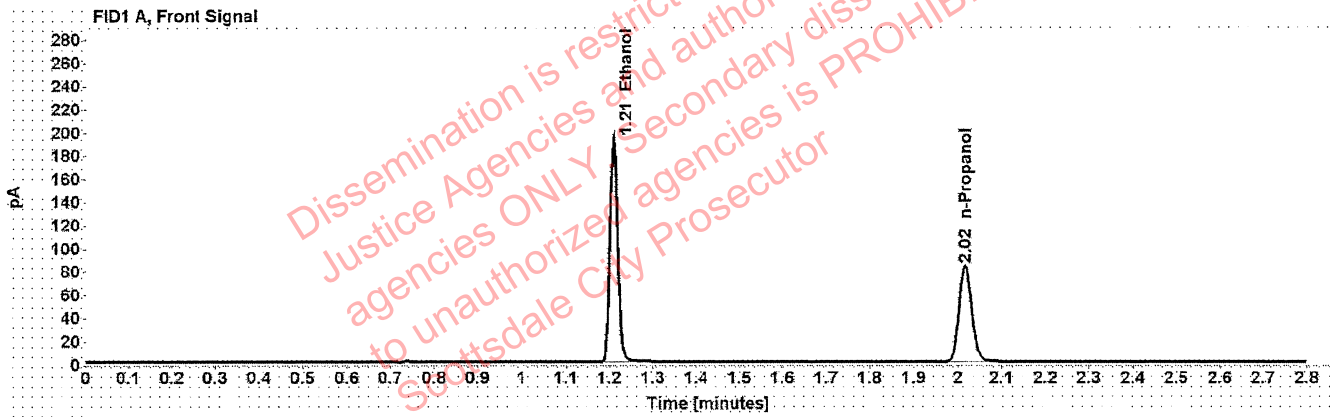


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4070	1.210	247.982
n-Propanol	-----	2.017	166.131

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

Compound	Time (min)	Peak Area
Ethanol	1.374	310.069
n-Propanol	2.468	204.777

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 3:56:10 PM
Data file: C:\Chem32\1\Data\02Mar21\54.D	Analyst: Abbott <span style="float: right;">DA</span>

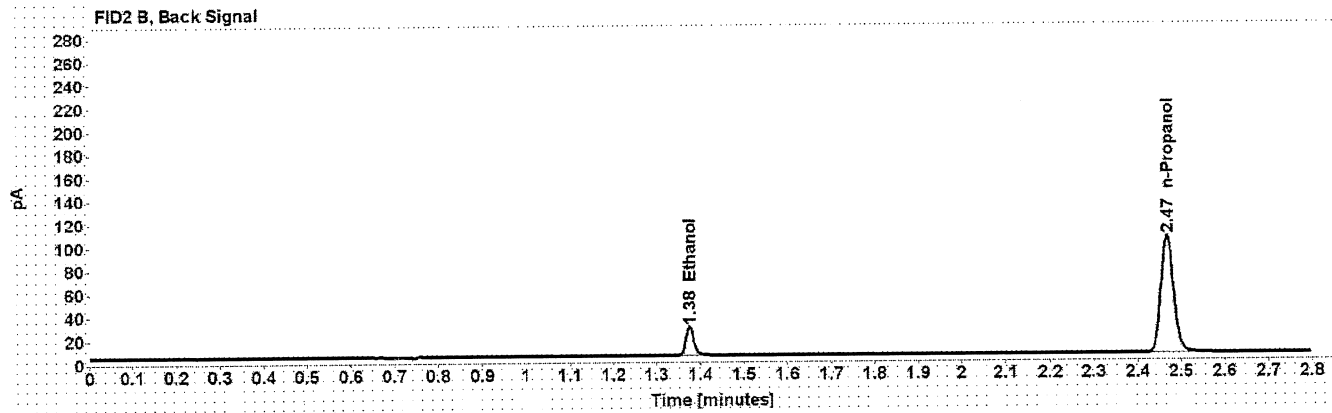
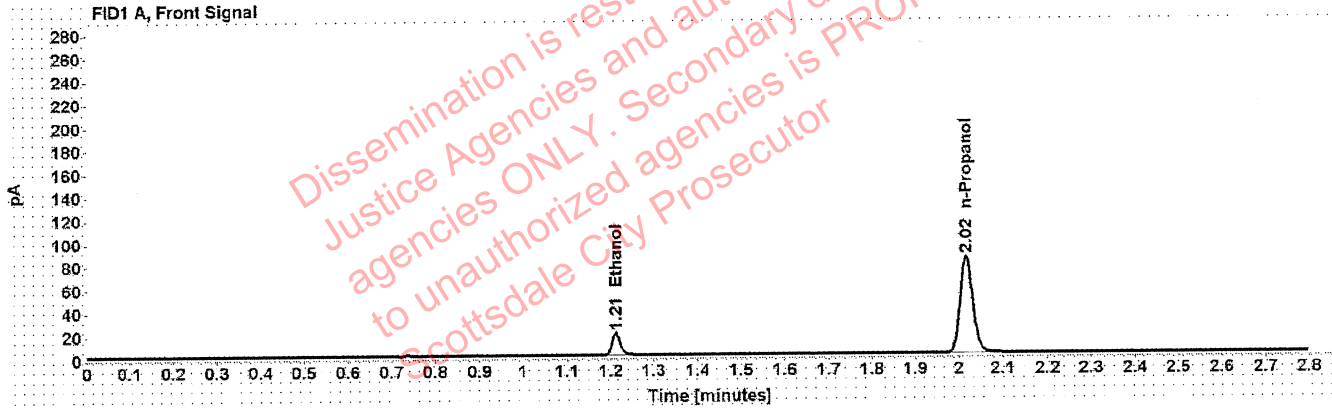


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.212	24.779
n-Propanol	-----	2.017	167.127

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.564
n-Propanol	2.468	205.298

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 55
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 4:00:26 PM
Data file: C:\Chem32\1\Data\02Mar21\55.D	Analyst: Abbott

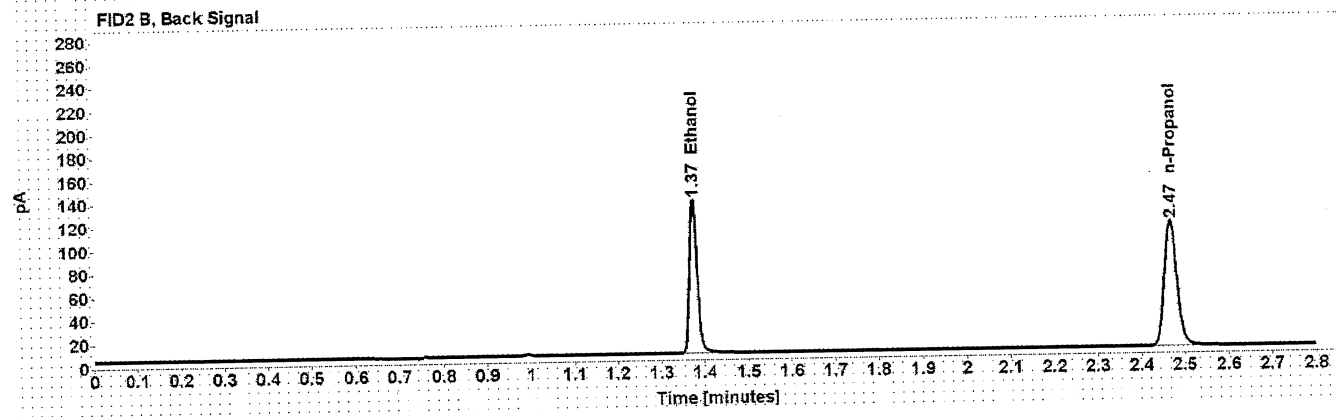
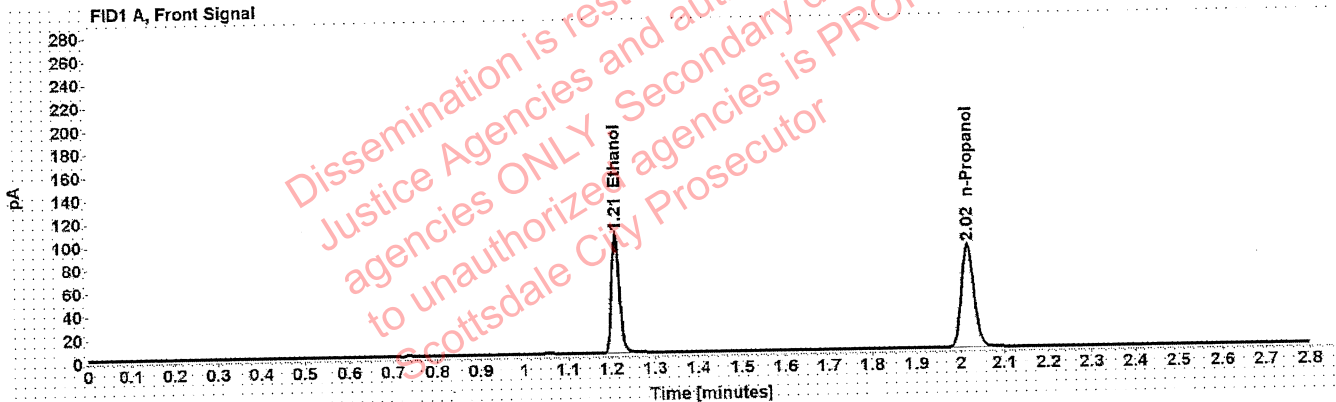


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2022	1.210	131.898
n-Propanol	-----	2.017	178.000

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.426
n-Propanol	2.468	219.144



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 56
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 4:04:26 PM
Data file: C:\Chem32\1\Data\02Mar21\56.D	Analyst: Abbott <span style="float: right;">DA</span>

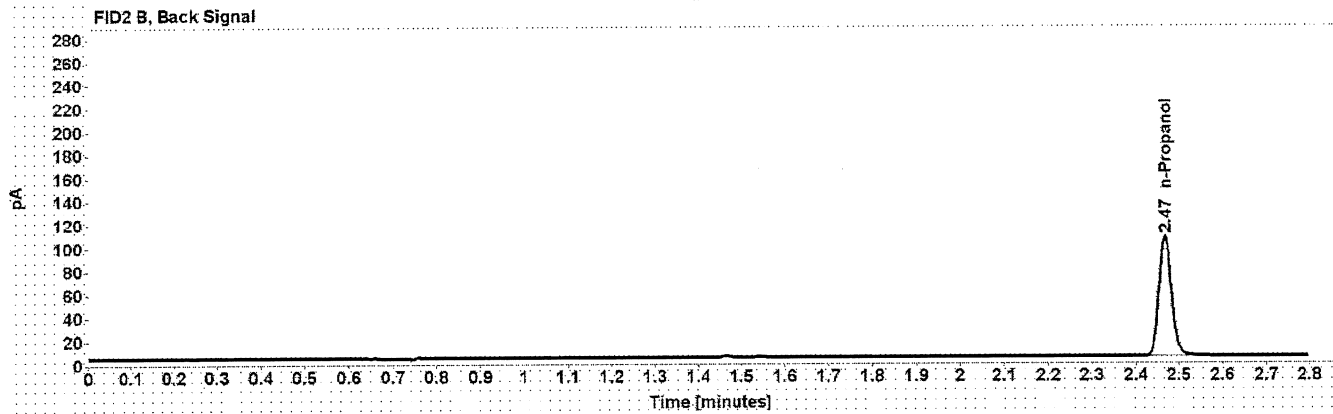
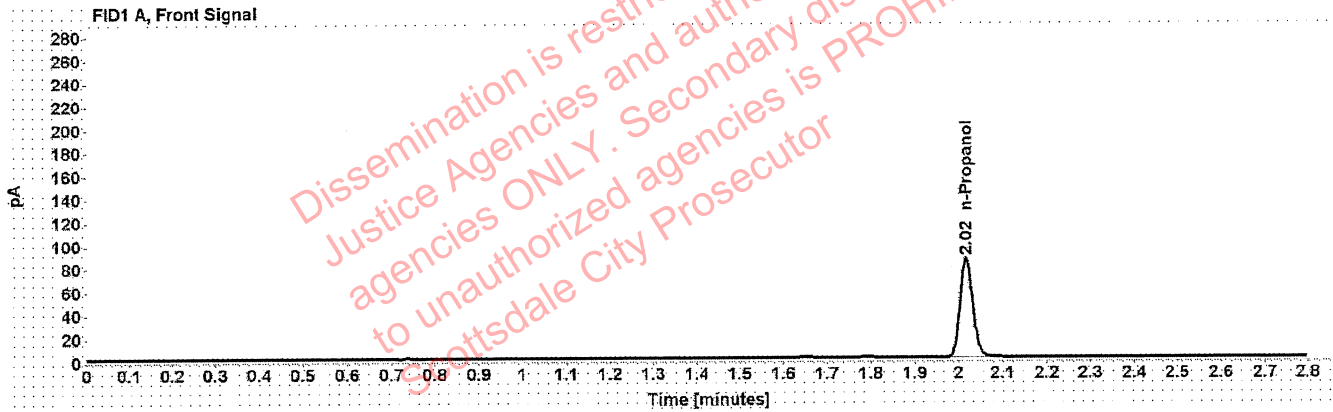


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	170.713

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	209.557

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 02Mar21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0857	0.0851	0.08540	0.35	0.00030
12 13	0.1829	0.1829	0.18290	0.00	0.00000
14 15	0.1571	0.1572	0.15715	0.03	0.00005
16 17	0.1896	0.1923	0.19095	0.71	0.00135
18 19	0.1093	0.1090	0.10915	0.14	0.00015
21 22	0.1532	0.1541	0.15365	0.29	0.00045
23 24	0.1637	0.1625	0.16310	0.37	0.00060
25 26	0.2328	0.2334	0.23310	0.13	0.00030
27 28	0.3024	0.3026	0.30250	0.03	0.00010
29 30	0.1566	0.1561	0.15635	0.16	0.00025
32 33	0.0823	0.0814	0.08185	0.55	0.00045
34 35	0.2524	0.2537	0.25305	0.26	0.00065
36 37	0.1243	0.1244	0.12435	0.04	0.00005
38 39	0.2739	0.2735	0.27370	0.07	0.00020
40 41	0.2152	0.2156	0.21540	0.09	0.00020
43 44	0.1630	0.1637	0.16335	0.21	0.00035
45 46	0.2032	0.2041	0.20365	0.22	0.00045
47 48	0.0788	0.0790	0.07890	0.13	0.00010
49 50	0.0369	0.0369	0.03690	0.00	0.00000
51 52	0.1133	0.1133	0.11330	0.00	0.00000

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360247	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 12:58:26 PM
Data file:	C:\Chem32\1\Data\02Mar21\10.D	Analyst:	Abbott

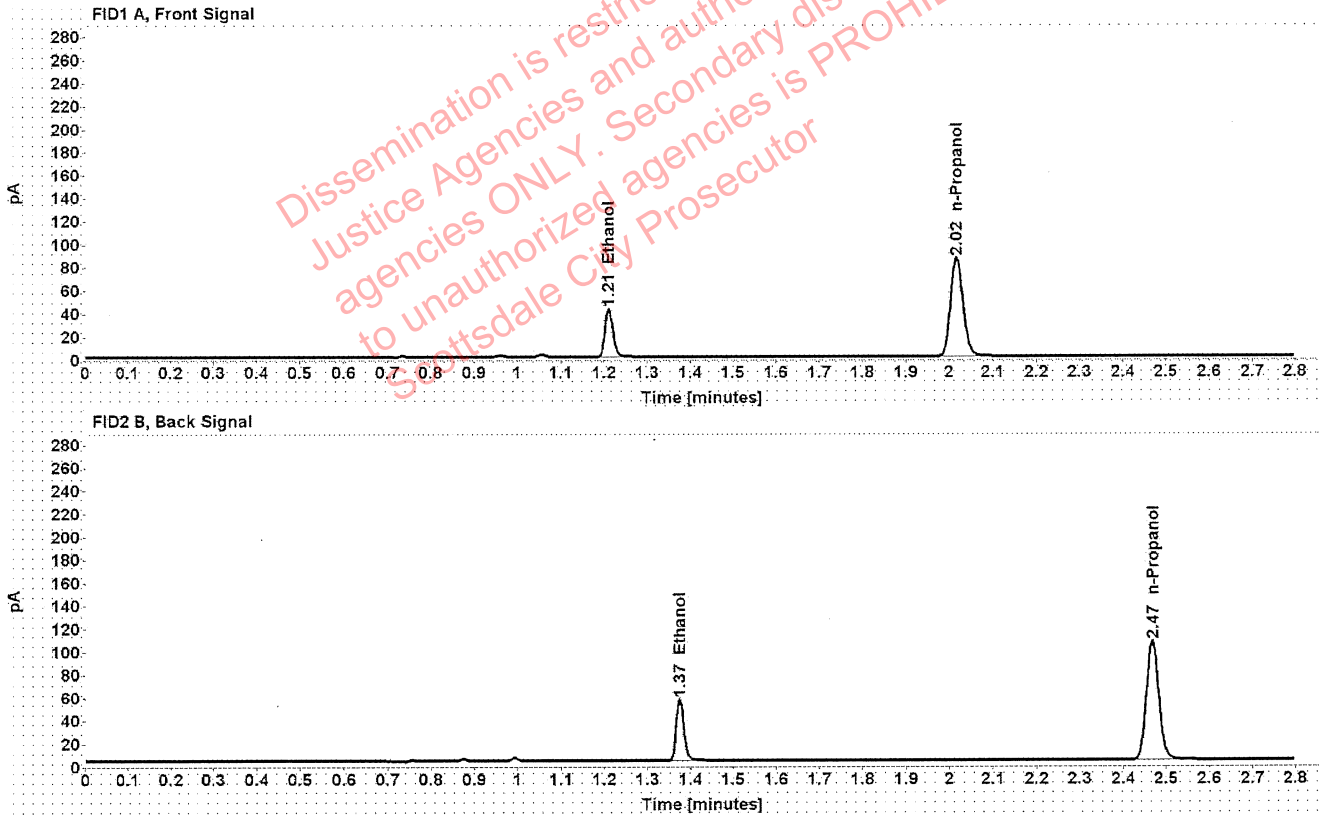


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0857	1.211	53.276
n-Propanol	-----	2.017	170.131

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

Compound	Time (min)	Peak Area
Ethanol	1.375	66.180
n-Propanol	2.468	209.890



Abbott, Lori - (02-Mar-2021)

Case: [REDACTED] User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360247	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:02:25 PM
Data file:	C:\Chem32\1\Data\02Mar21\11.D	Analyst:	Abbott

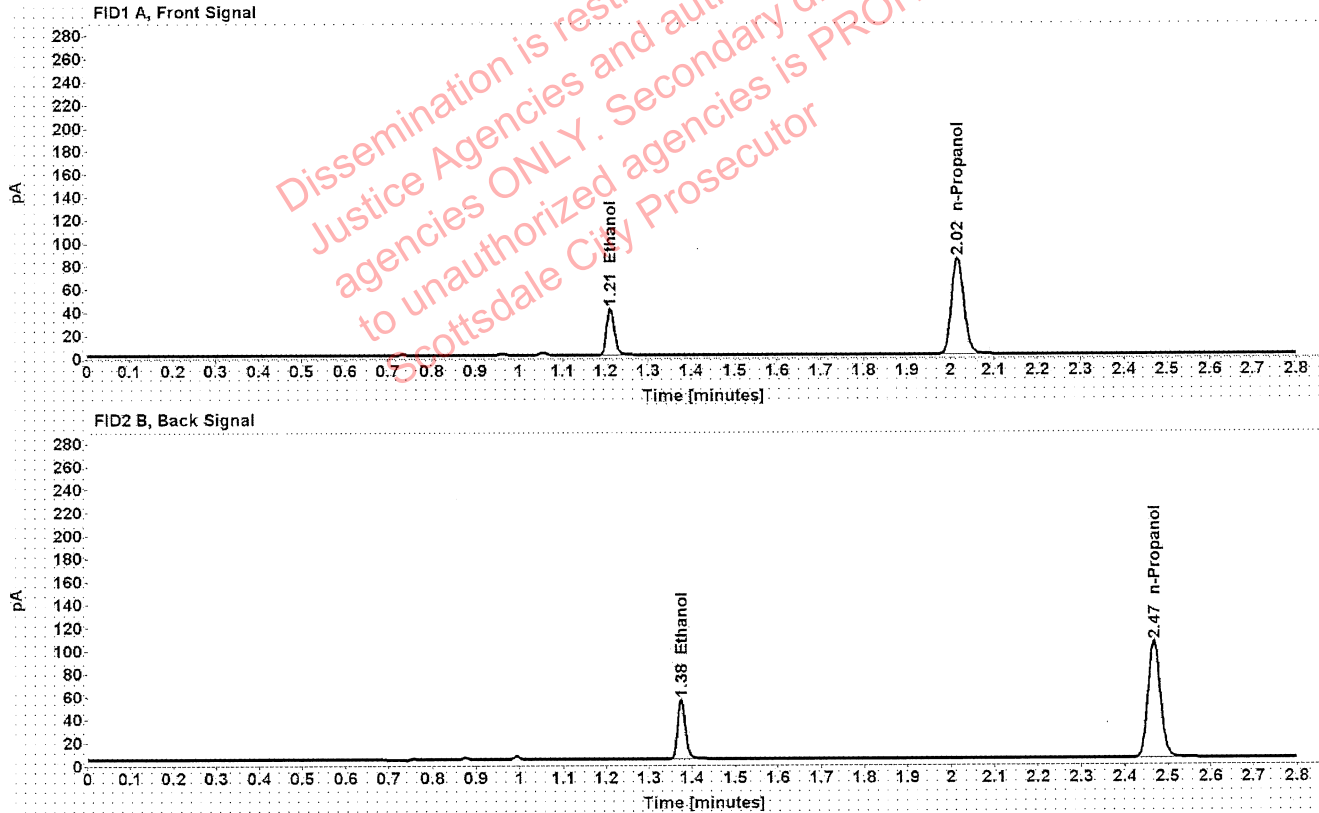


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0851	1.211	51.845
n-Propanol	-----	2.017	166.755

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

Compound	Time (min)	Peak Area
Ethanol	1.375	64.309
n-Propanol	2.468	205.534



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360430	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:06:25 PM
Data file:	C:\Chem32\1\Data\02Mar21\12.D	Analyst:	Abbott

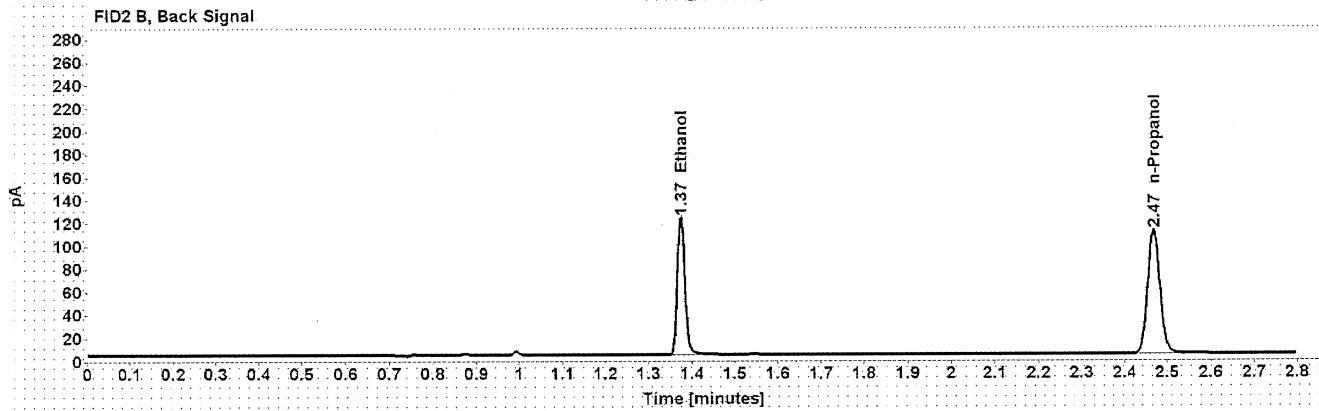
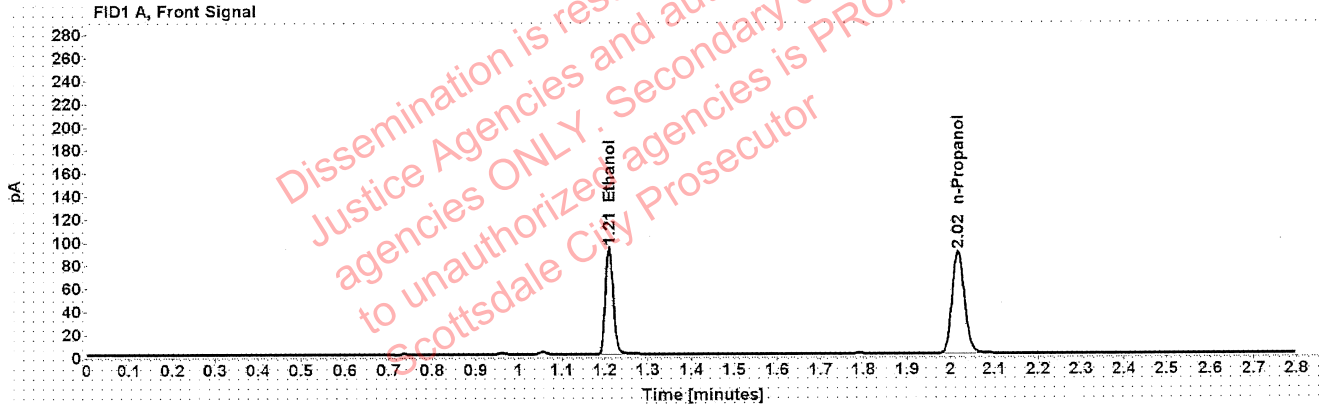


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1829	1.210	118.184
n-Propanol	-----	2.017	176.390

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

Compound	Time (min)	Peak Area
Ethanol	1.374	147.265
n-Propanol	2.468	217.178

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360430	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:10:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\13.D	Analyst:	Abbott

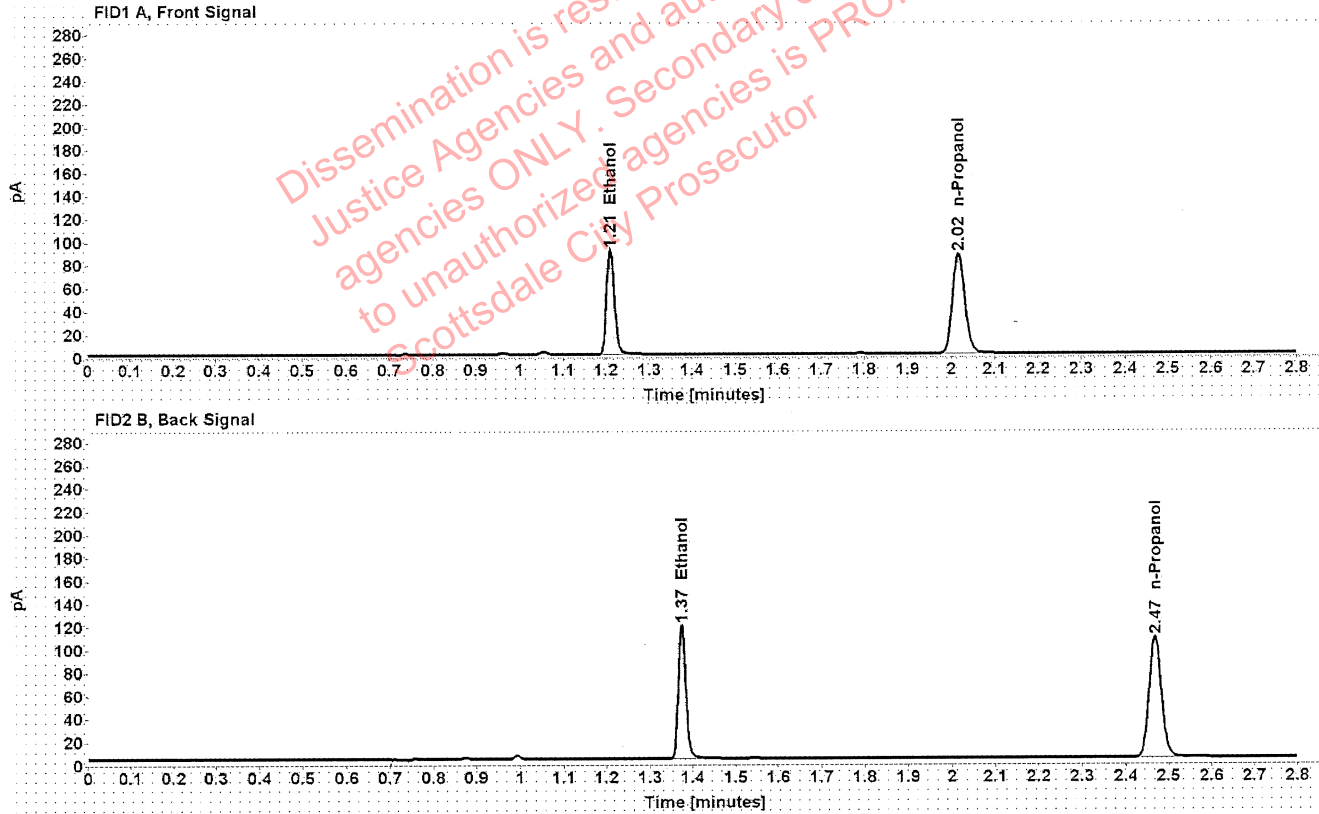


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1829	1.210	115.404
n-Propanol	-----	2.017	172.281

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

Compound	Time (min)	Peak Area
Ethanol	1.374	144.164
n-Propanol	2.468	212.011

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360518	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:14:41 PM
Data file:	C:\Chem32\1\Data\02Mar21\14.D	Analyst:	Abbott

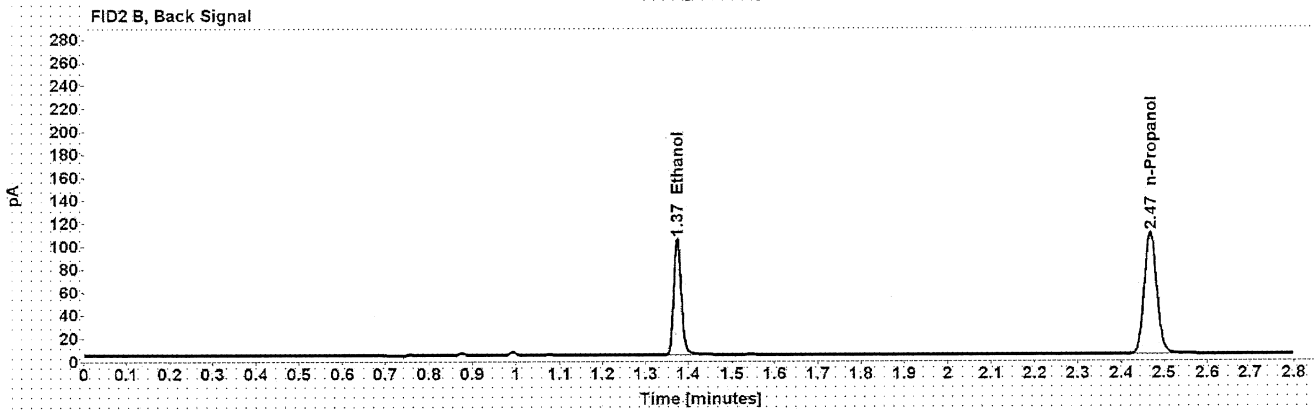
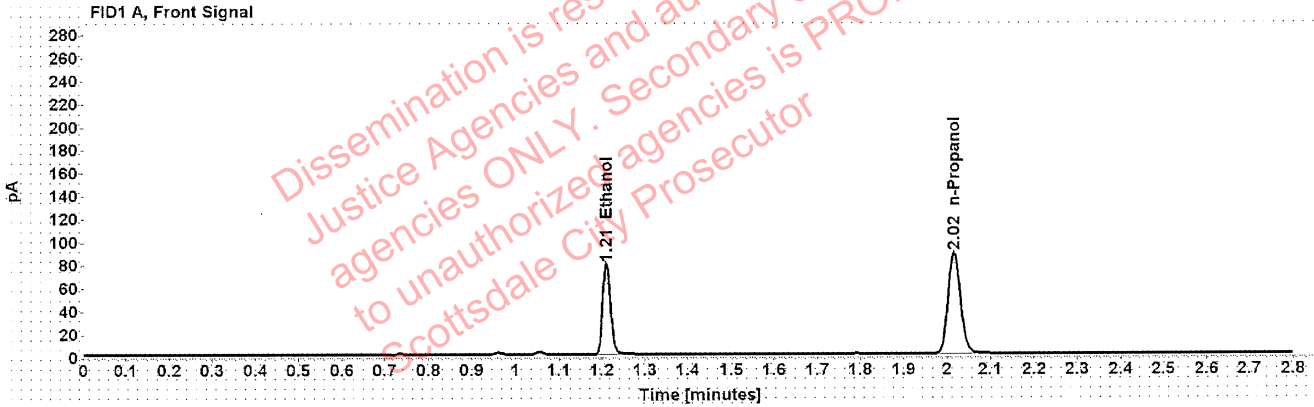


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1571	1.210	100.514
n-Propanol	-----	2.017	174.695

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

Compound	Time (min)	Peak Area
Ethanol	1.374	124.864
n-Propanol	2.468	215.212

Abbott, Lori - (02-Mar-2021)

Case: User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360518	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:18:41 PM
Data file:	C:\Chem32\1\Data\02Mar21\15.D	Analyst:	Abbott

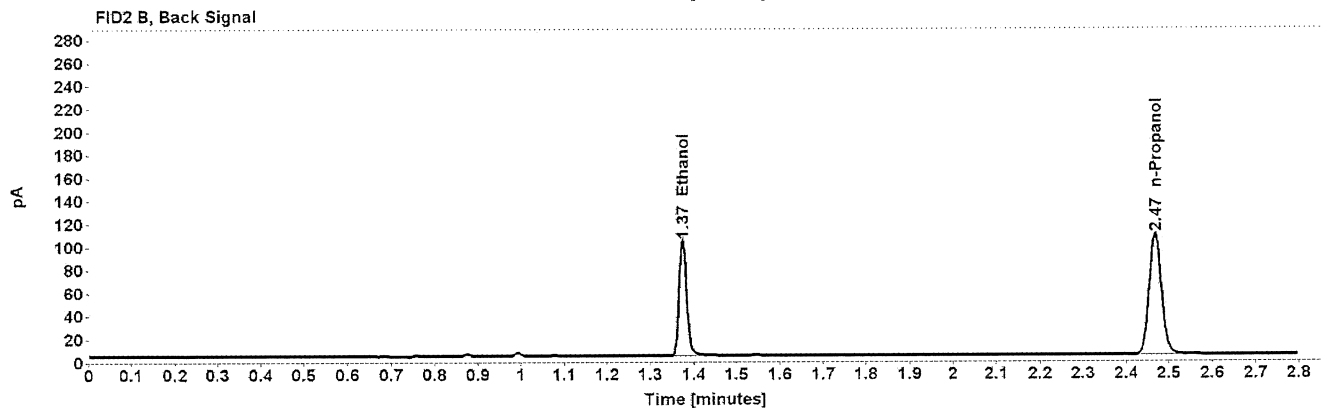
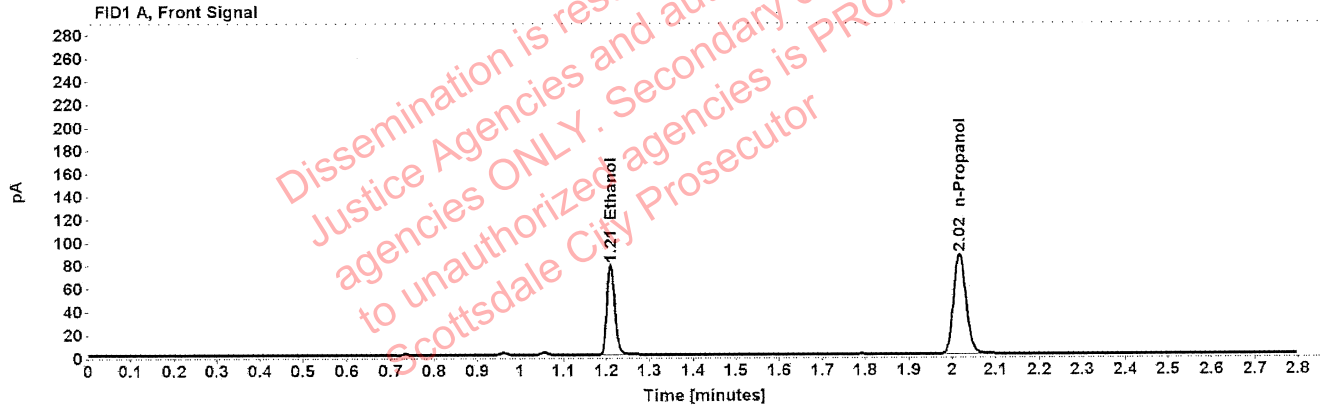


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1572	1.210	99.583
n-Propanol	-----	2.017	172.988

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.739
n-Propanol	2.468	213.195

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361095	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:22:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\16.D	Analyst:	Abbott

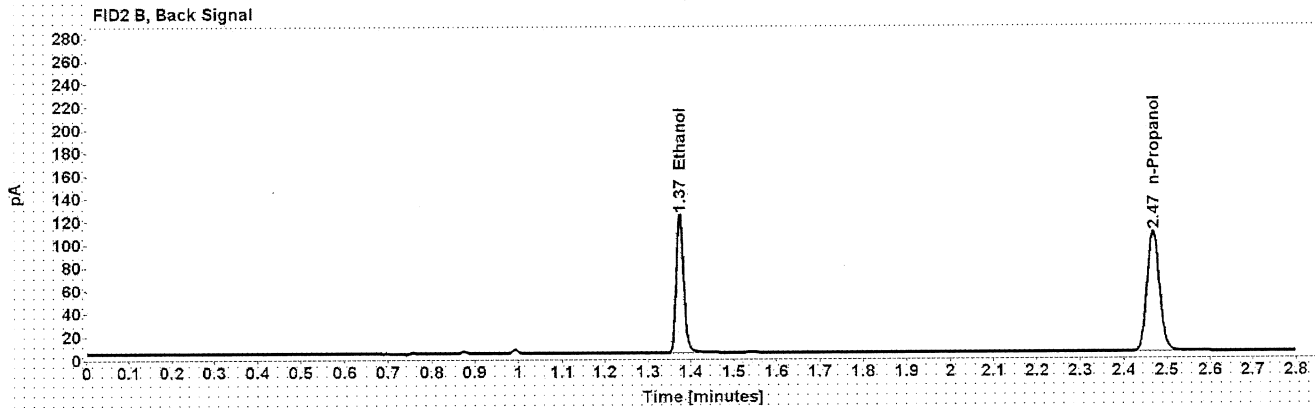
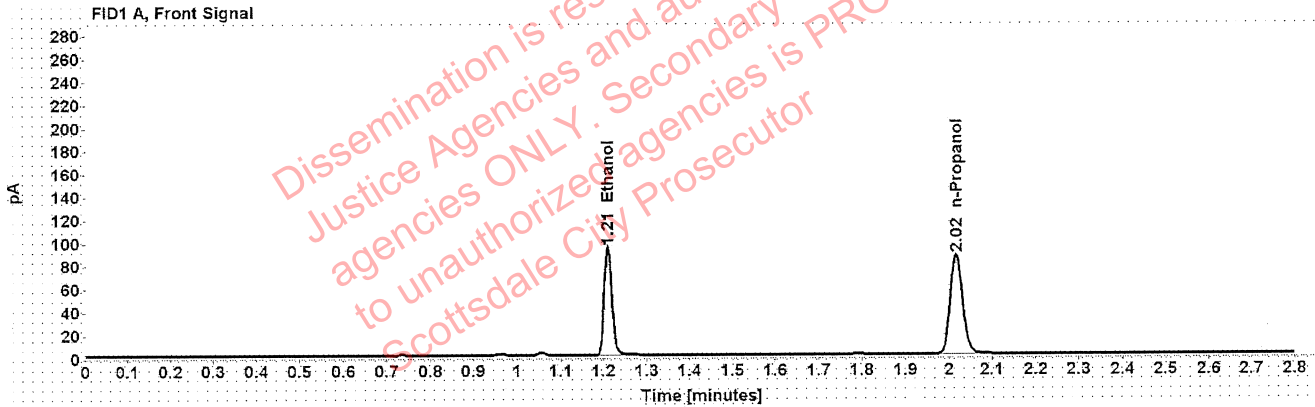


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1896	1.210	119.293
n-Propanol	-----	2.017	171.777

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

Compound	Time (min)	Peak Area
Ethanol	1.374	148.644
n-Propanol	2.468	211.257

[REDACTED]: Abbott, Lori - (02-Mar-2021)

Case: [REDACTED] User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361095	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:26:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\17.D	Analyst:	Abbott

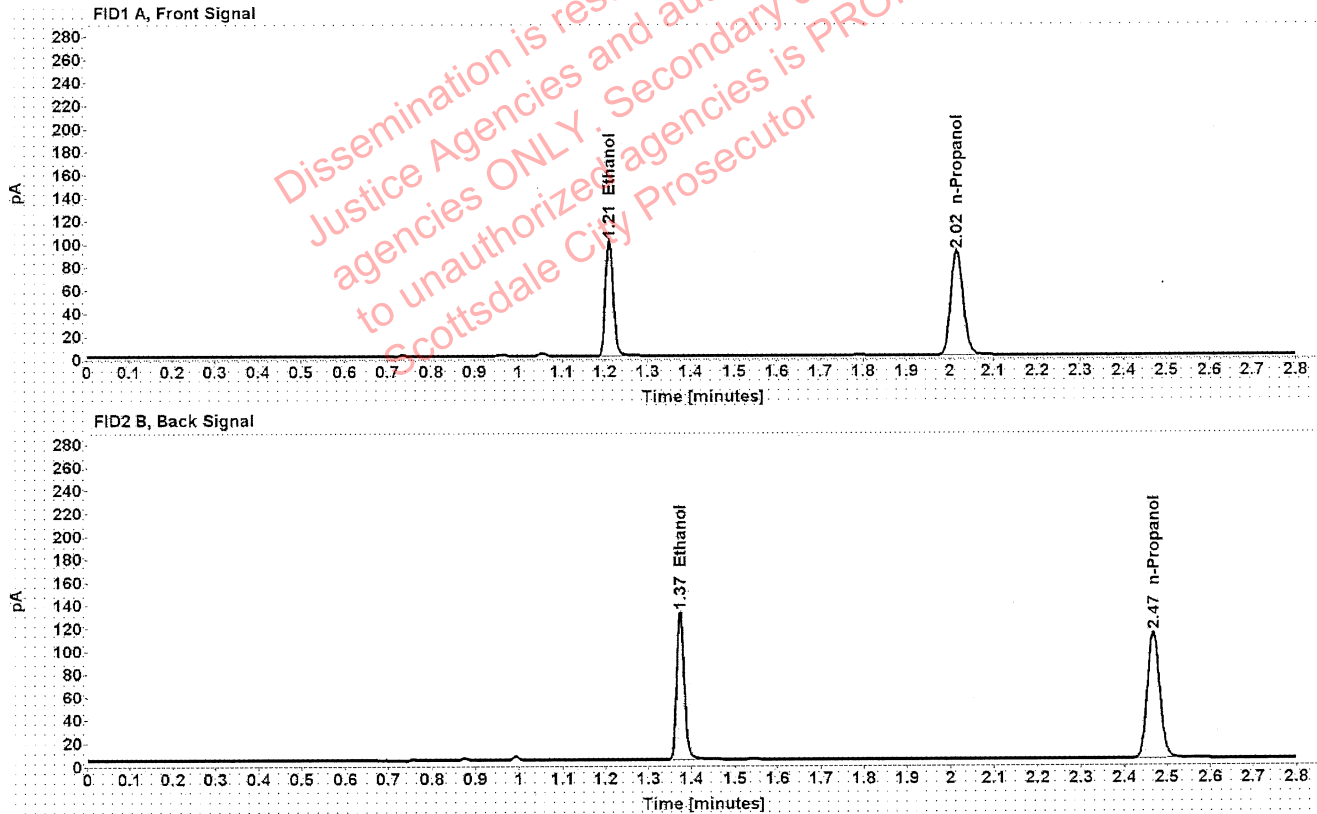


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1923	1.210	127.475
n-Propanol	-----	2.017	180.926

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.704
n-Propanol	2.468	222.459

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361106	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:30:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\18.D	Analyst:	Abbott

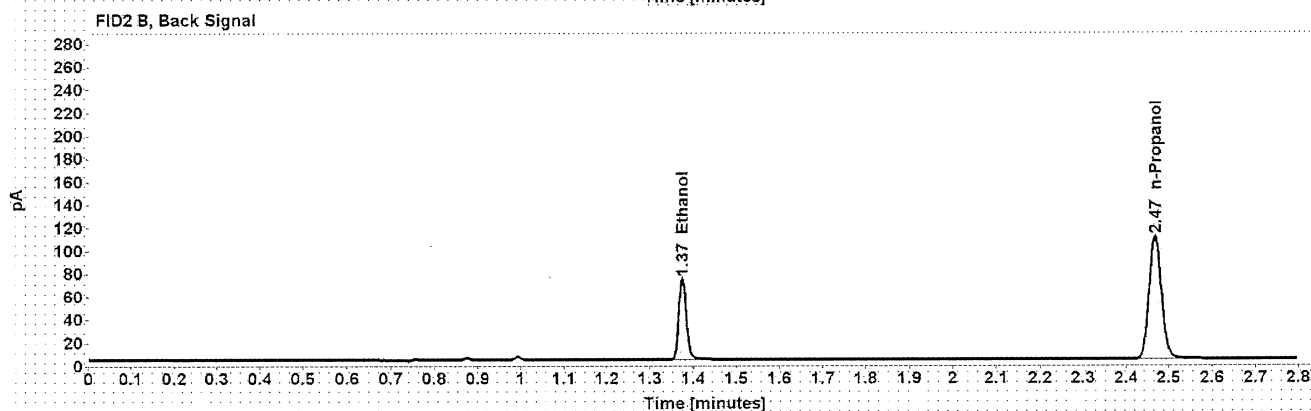
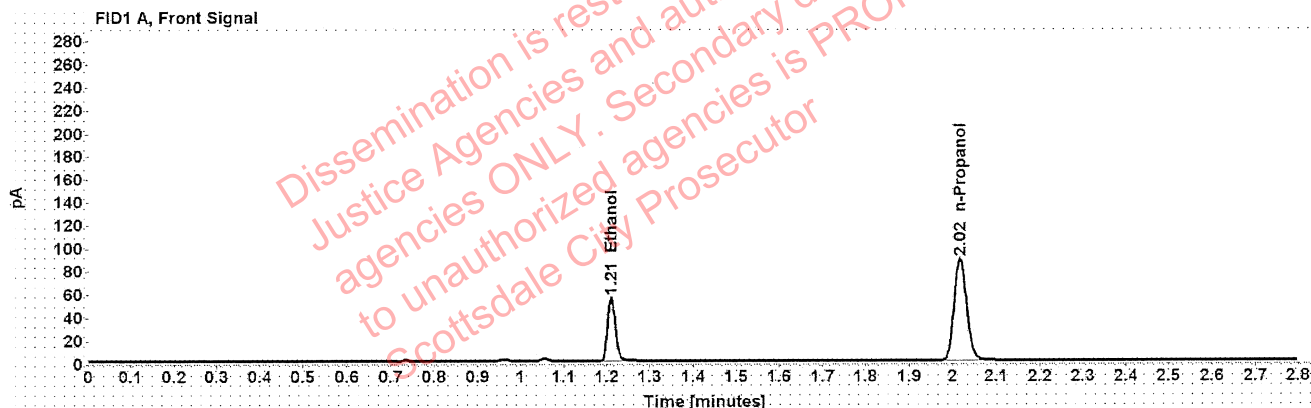


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1093	1.211	70.239
n-Propanol	-----	2.017	175.677

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

Compound	Time (min)	Peak Area
Ethanol	1.375	87.007
n-Propanol	2.468	216.264



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361106	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:34:55 PM
Data file:	C:\Chem32\1\Data\02Mar21\19.D	Analyst:	Abbott

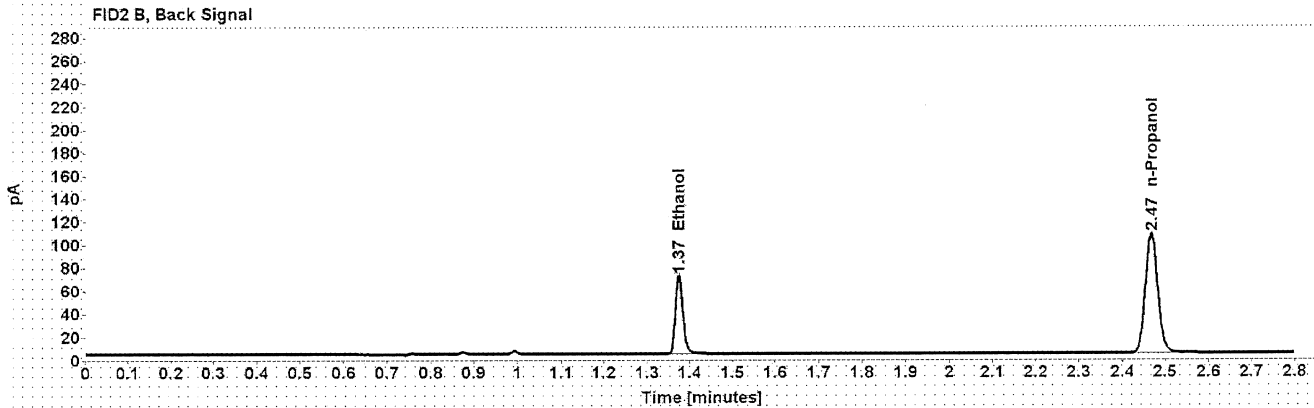
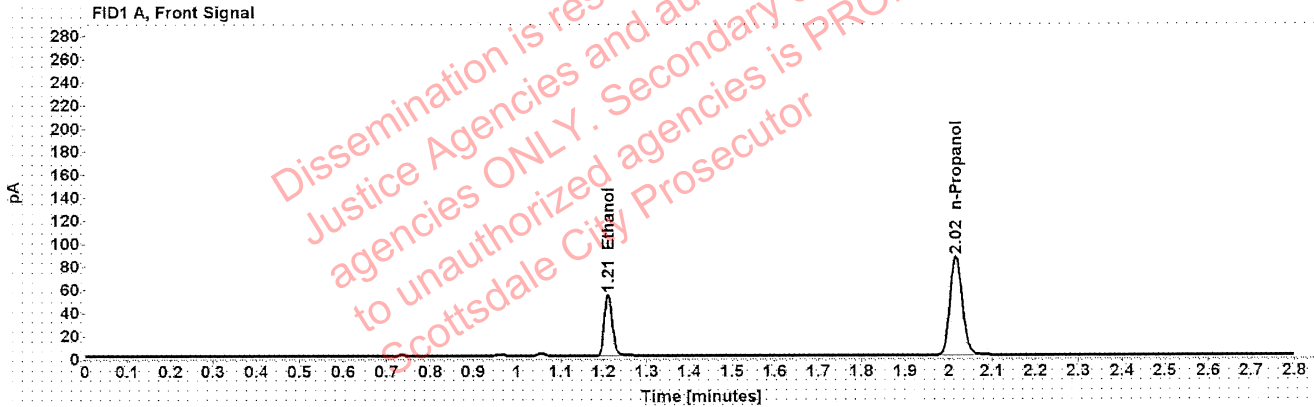


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1090	1.211	68.064
n-Propanol	-----	2.017	170.776

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

Compound	Time (min)	Peak Area
Ethanol	1.375	84.257
n-Propanol	2.468	210.058

[REDACTED] : Abbott, Lori - (02-Mar-2021)

Case: [REDACTED] User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361097	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:42:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\21.D	Analyst:	Abbott

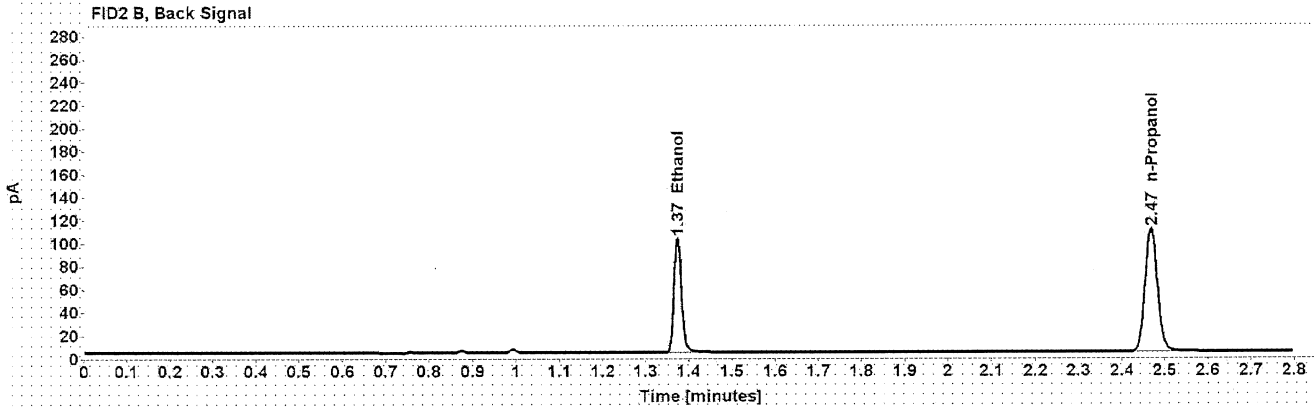
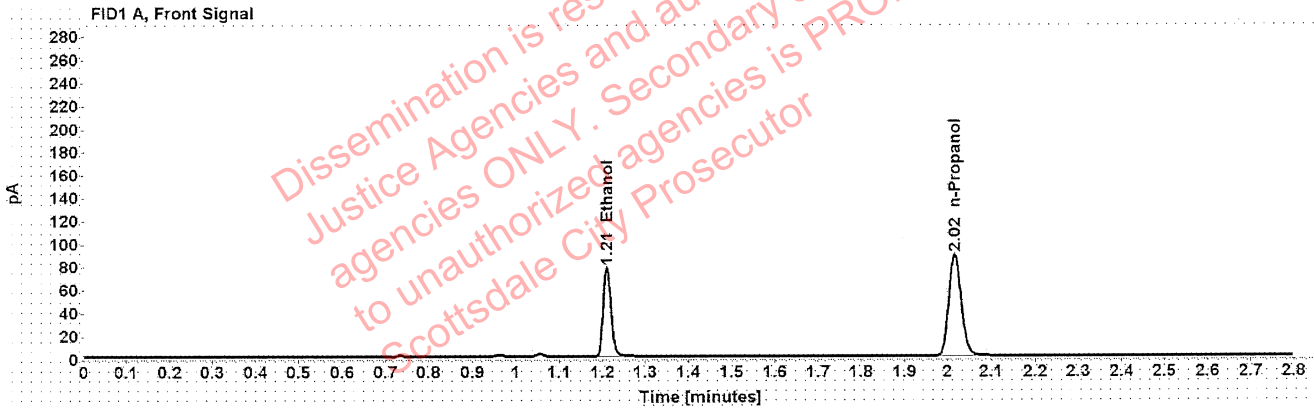


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1532	1.210	98.759
n-Propanol	-----	2.017	176.078

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

Compound	Time (min)	Peak Area
Ethanol	1.374	122.733
n-Propanol	2.468	216.511

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361097	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:46:55 PM
Data file:	C:\Chem32\1\Data\02Mar21\22.D	Analyst:	Abbott

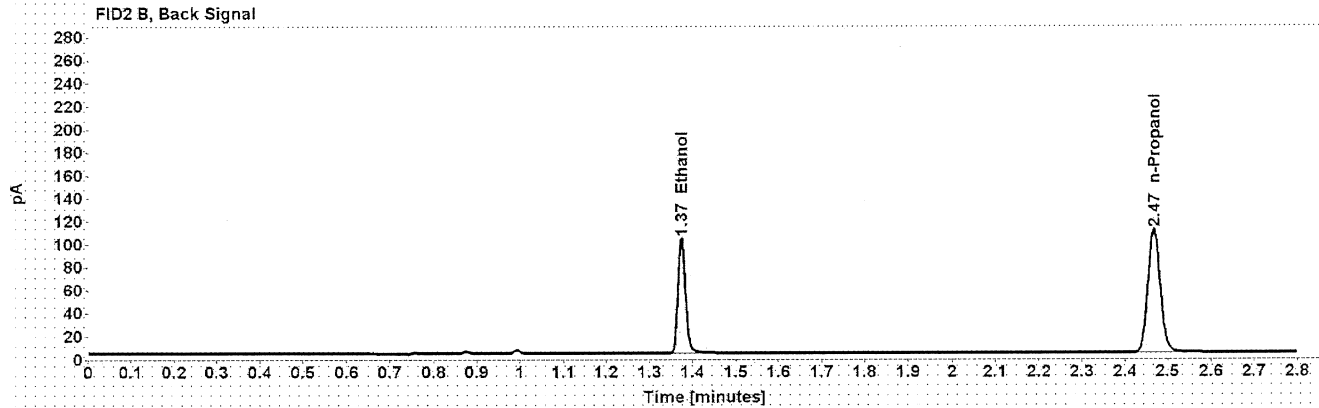
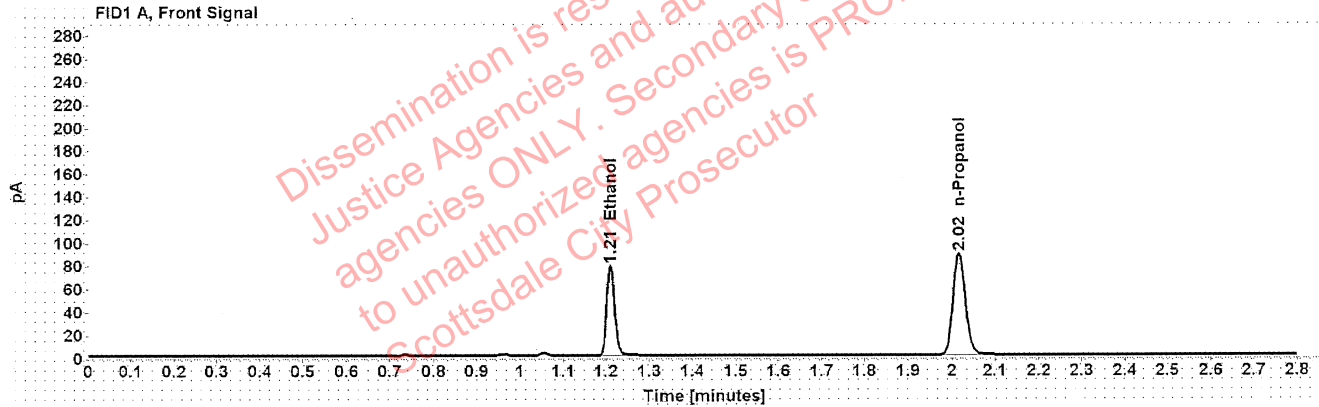


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1541	1.210	99.507
n-Propanol	-----	2.017	176.364

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

Compound	Time (min)	Peak Area
Ethanol	1.374	123.543
n-Propanol	2.468	217.103

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361278	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:50:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\23.D	Analyst:	Abbott

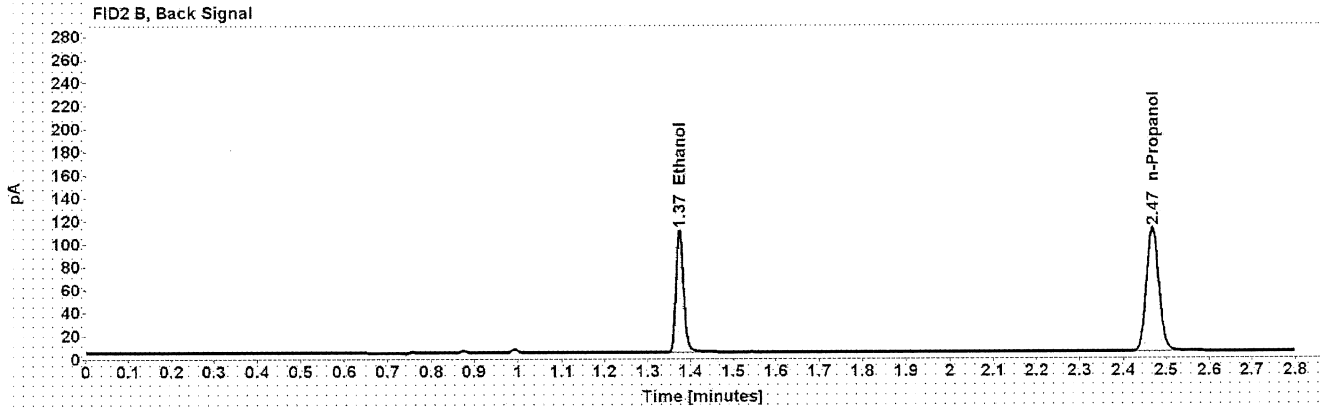
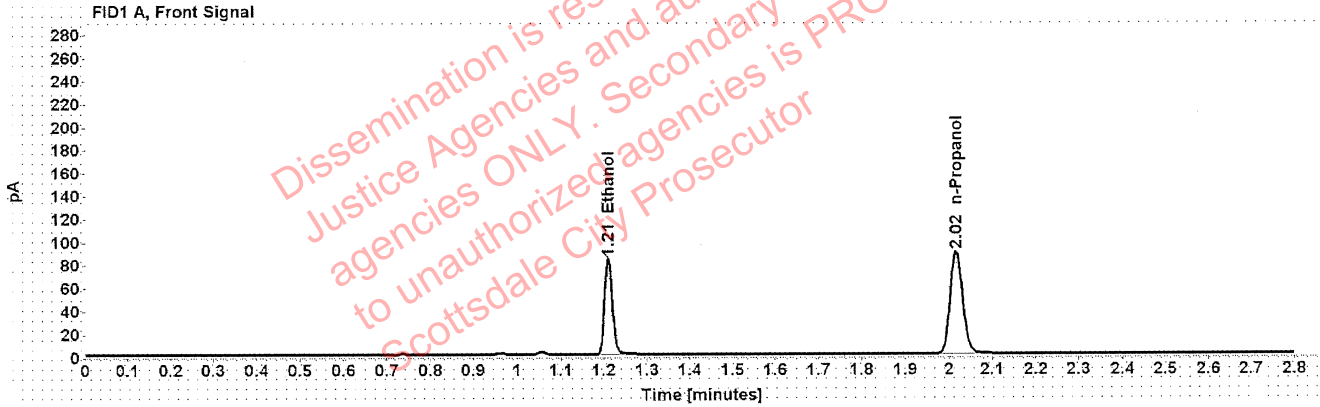


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1637	1.210	106.248
n-Propanol	-----	2.017	177.184

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

Compound	Time (min)	Peak Area
Ethanol	1.374	131.570
n-Propanol	2.468	218.025

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361278	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:54:55 PM
Data file:	C:\Chem32\1\Data\02Mar21\24.D	Analyst:	Abbott

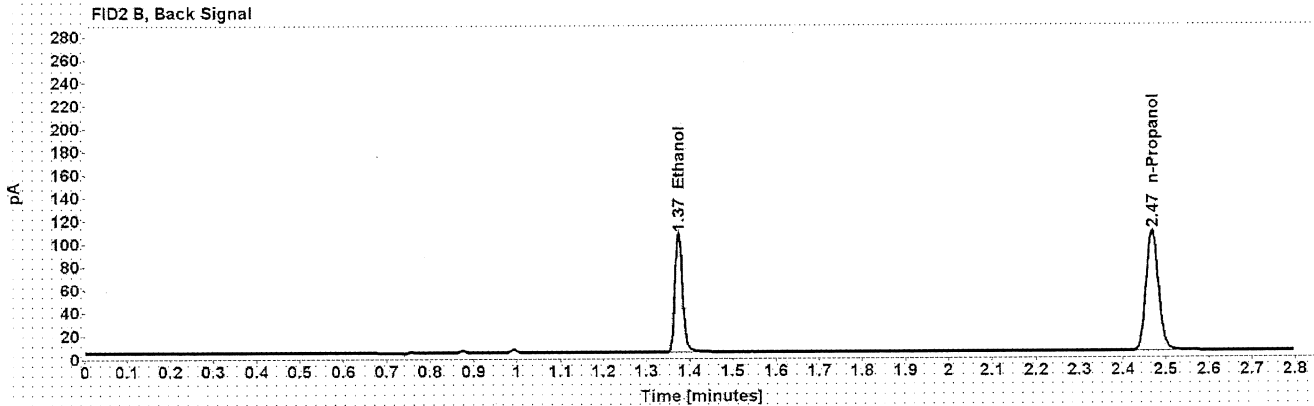
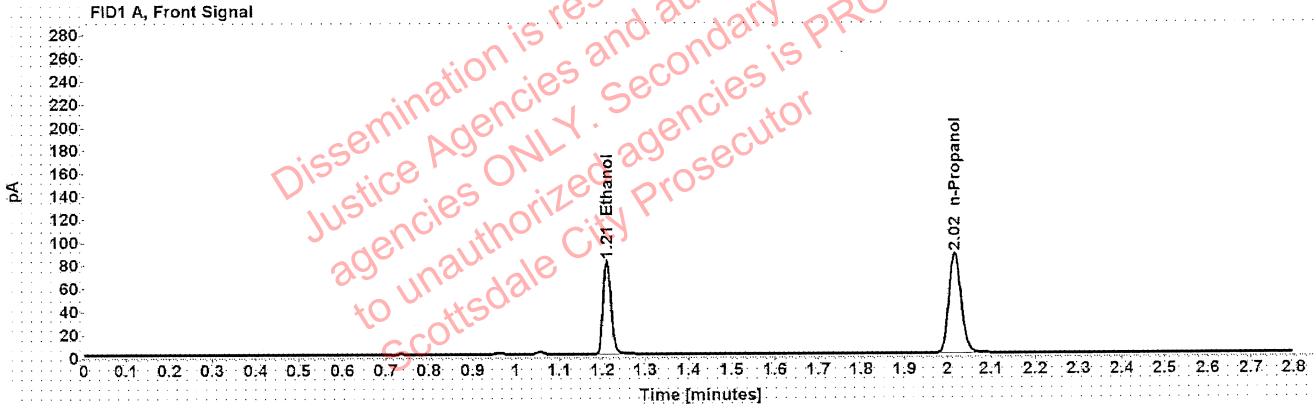


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1625	1.210	102.792
n-Propanol	-----	2.017	172.719

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

Compound	Time (min)	Peak Area
Ethanol	1.375	127.237
n-Propanol	2.468	212.359

: Abbott, Lori - (02-Mar-2021)

Case: User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361529	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 1:59:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\25.D	Analyst:	Abbott

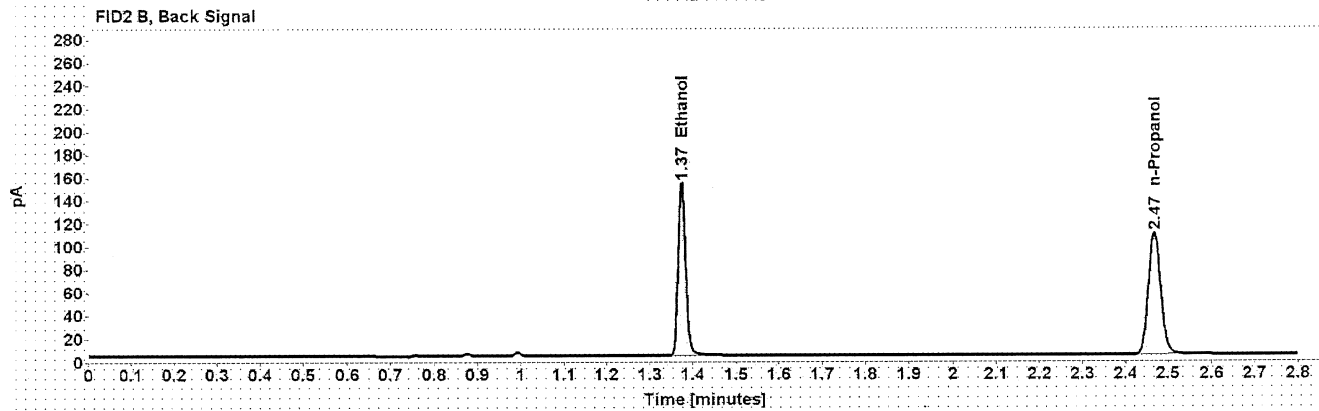
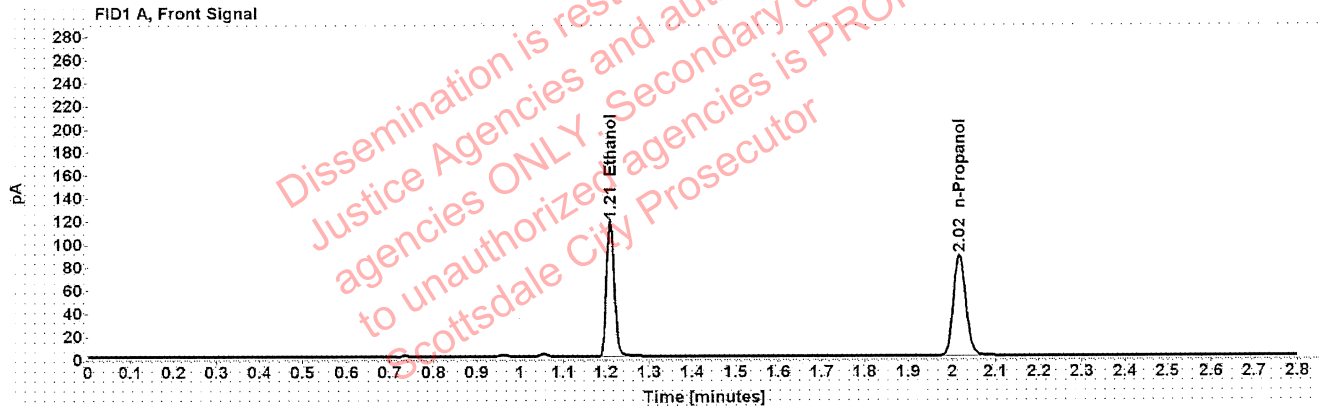


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2328	1.210	149.117
n-Propanol	-----	2.017	174.786

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

Compound	Time (min)	Peak Area
Ethanol	1.374	185.997
n-Propanol	2.468	214.657

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361529	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:03:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\26.D	Analyst:	Abbott

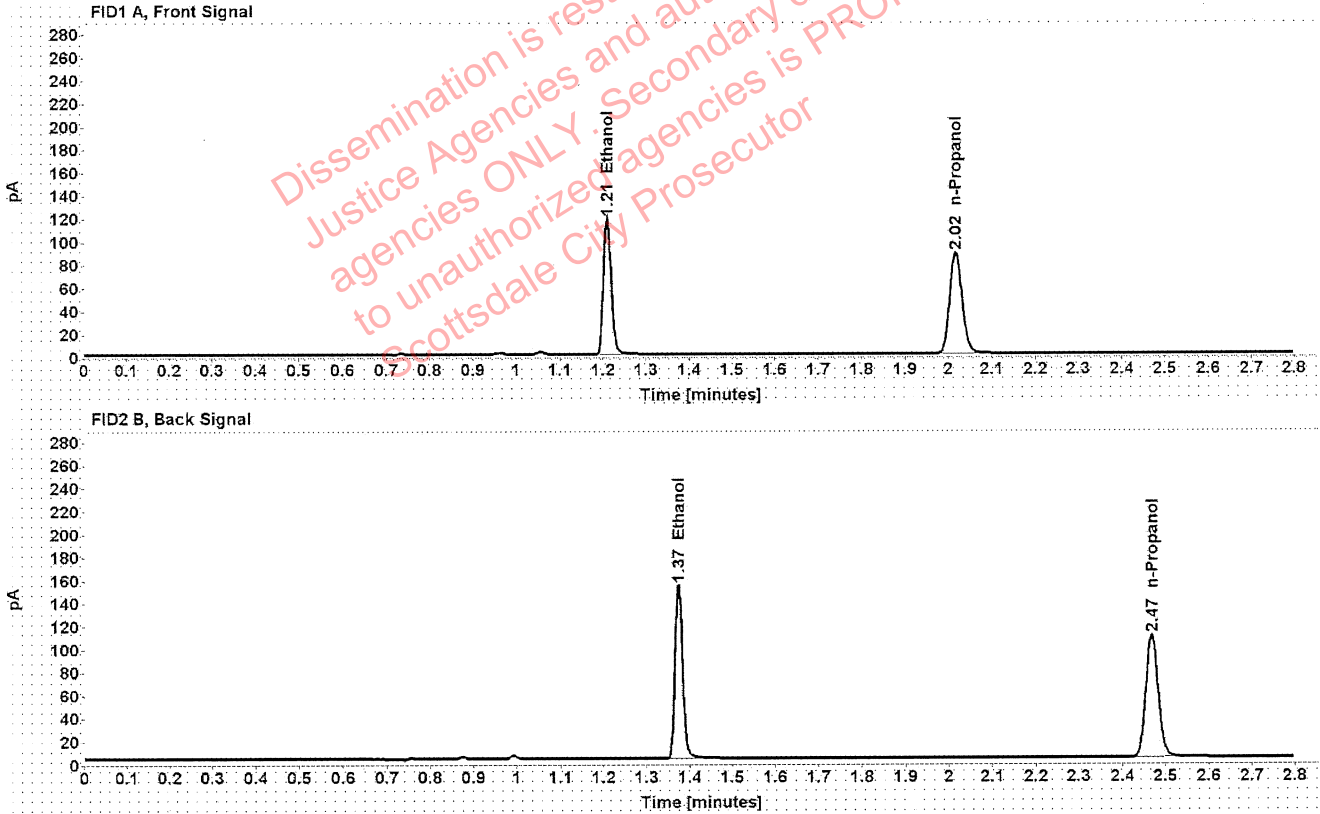


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2334	1.210	149.807
n-Propanol	-----	2.017	175.110

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

Compound	Time (min)	Peak Area
Ethanol	1.374	186.969
n-Propanol	2.468	215.099



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361350	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:07:11 PM
Data file:	C:\Chem32\1\Data\02Mar21\27.D	Analyst:	Abbott

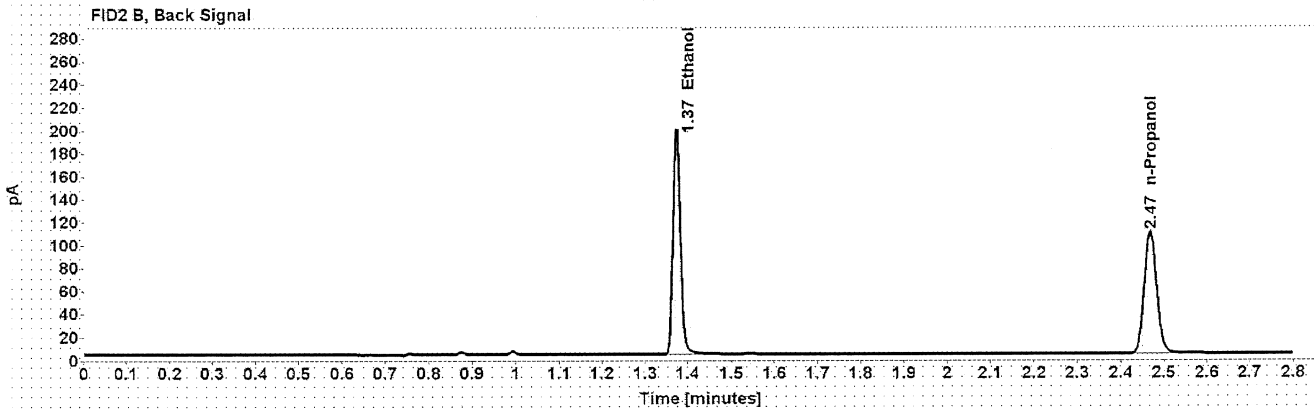
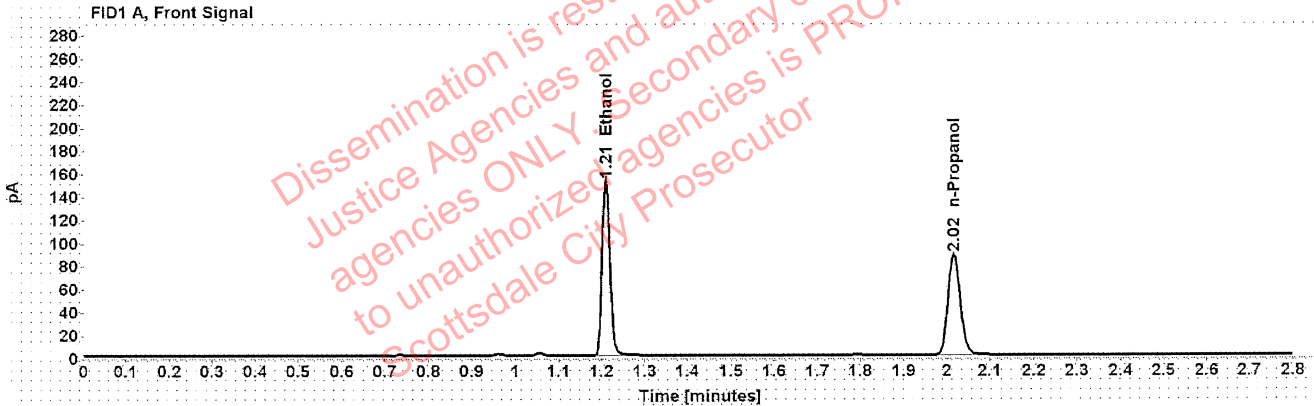


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3024	1.210	193.546
n-Propanol	-----	2.017	174.544

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

Compound	Time (min)	Peak Area
Ethanol	1.374	241.495
n-Propanol	2.468	214.634

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361350	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:11:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\28.D	Analyst:	Abbott

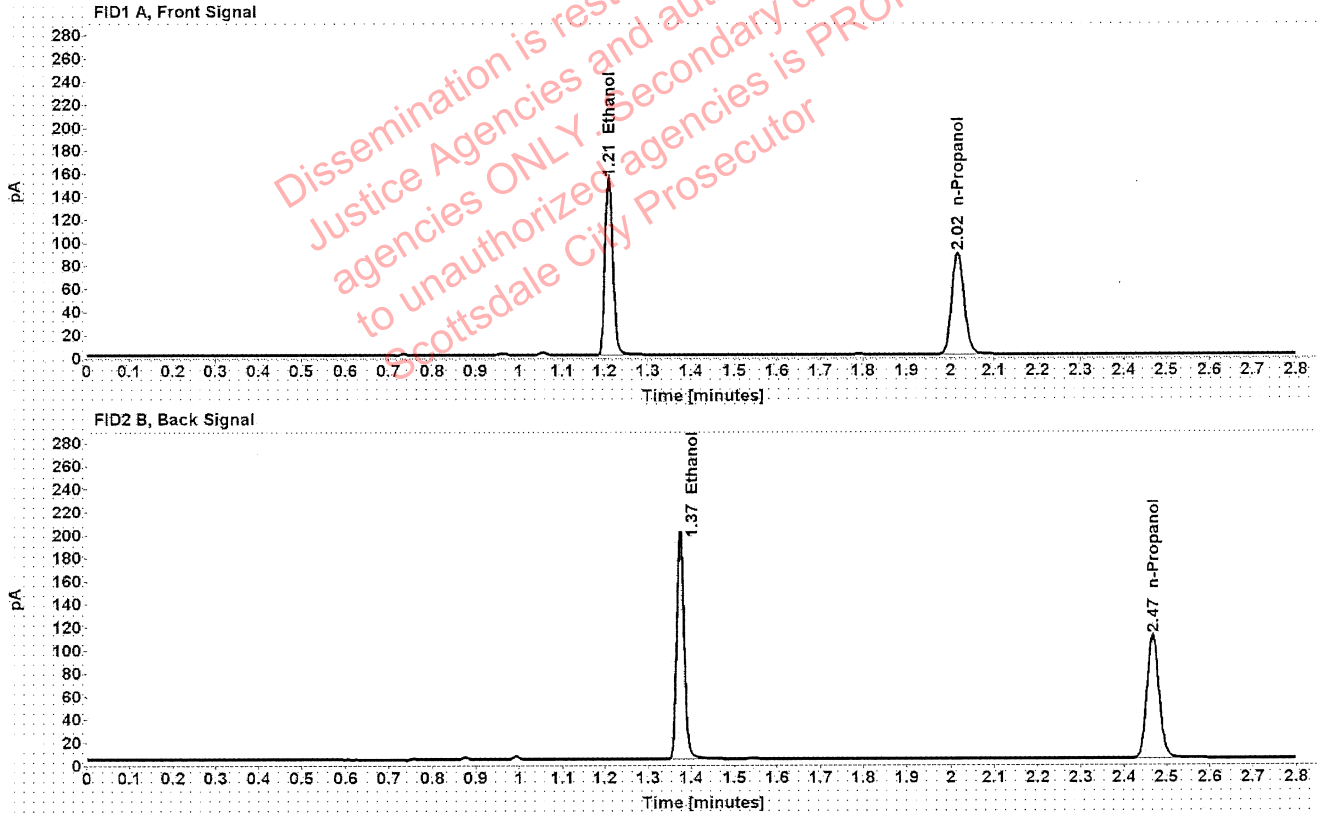


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3026	1.210	195.250
n-Propanol	-----	2.017	175.990

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

Compound	Time (min)	Peak Area
Ethanol	1.374	243.548
n-Propanol	2.468	216.510

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361528	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:15:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\29.D	Analyst:	Abbott

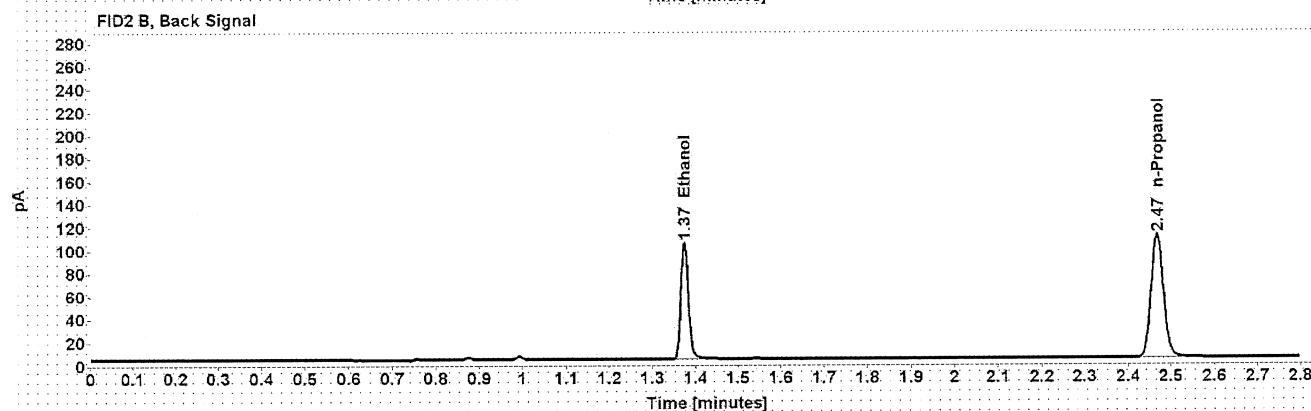
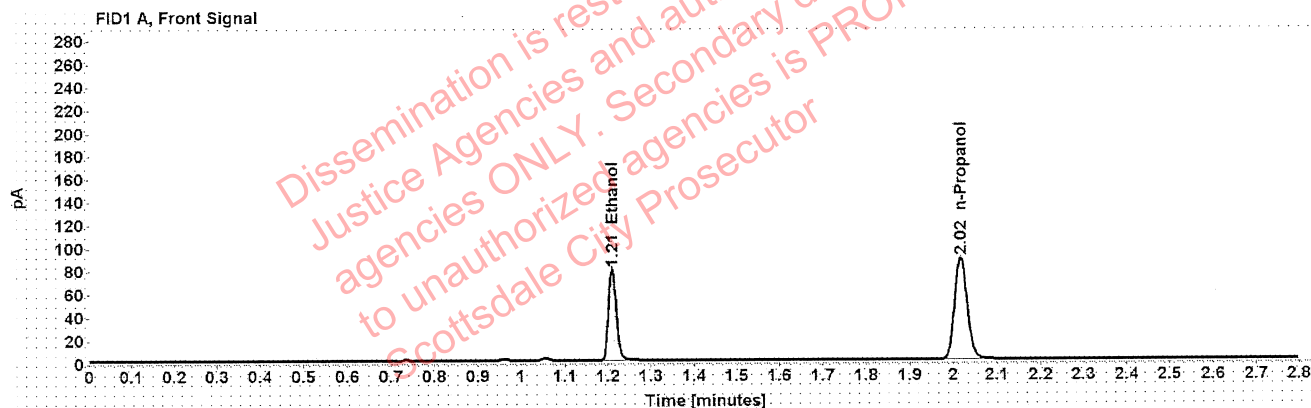


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1566	1.210	101.196
n-Propanol	-----	2.017	176.508

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.703
n-Propanol	2.468	217.215

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361528	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:19:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\30.D	Analyst:	Abbott

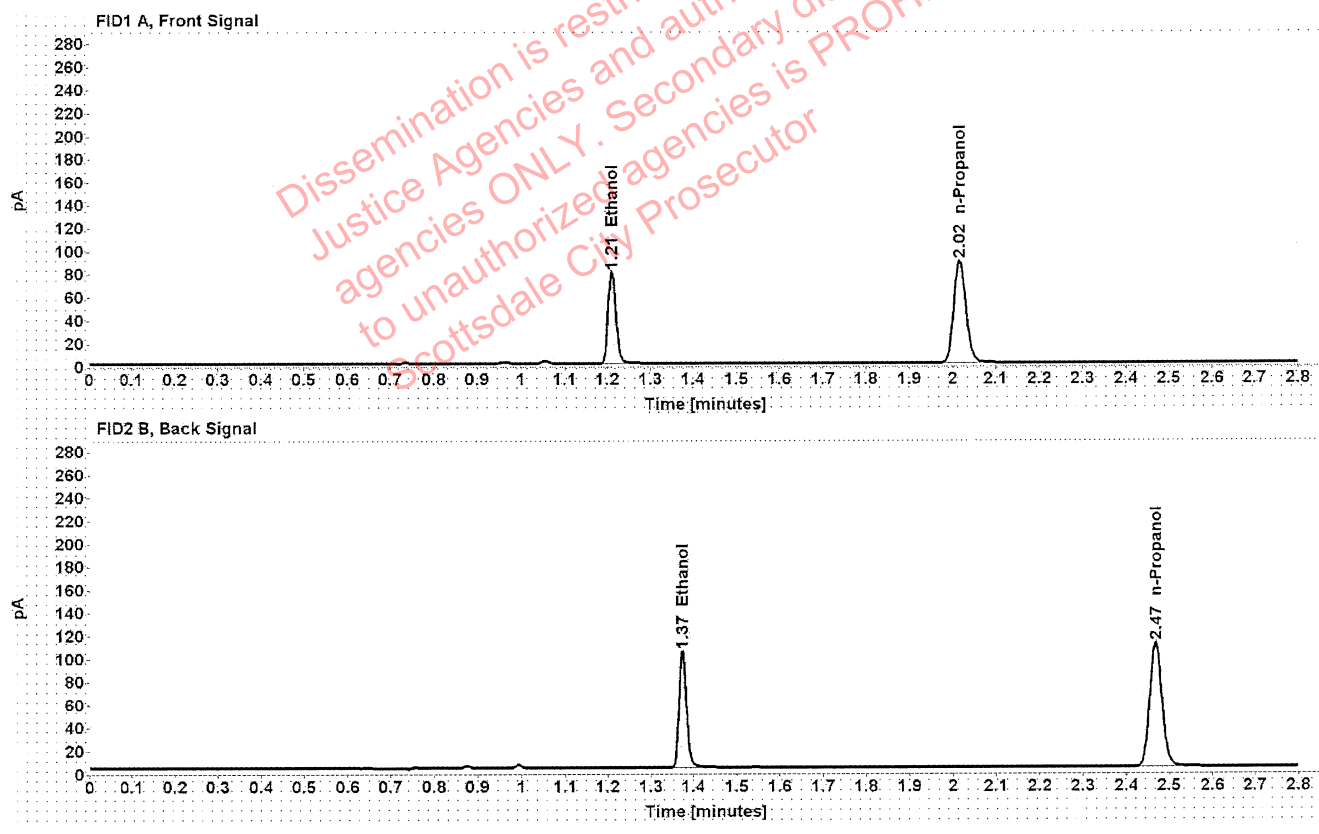


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1561	1.210	101.324
n-Propanol	-----	2.017	177.232

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

Compound	Time (min)	Peak Area
Ethanol	1.374	125.541
n-Propanol	2.468	218.015

[REDACTED]: Abbott, Lori - (02-Mar-2021)

Case: [REDACTED] User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361517	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:27:26 PM
Data file:	C:\Chem32\1\Data\02Mar21\32.D	Analyst:	Abbott

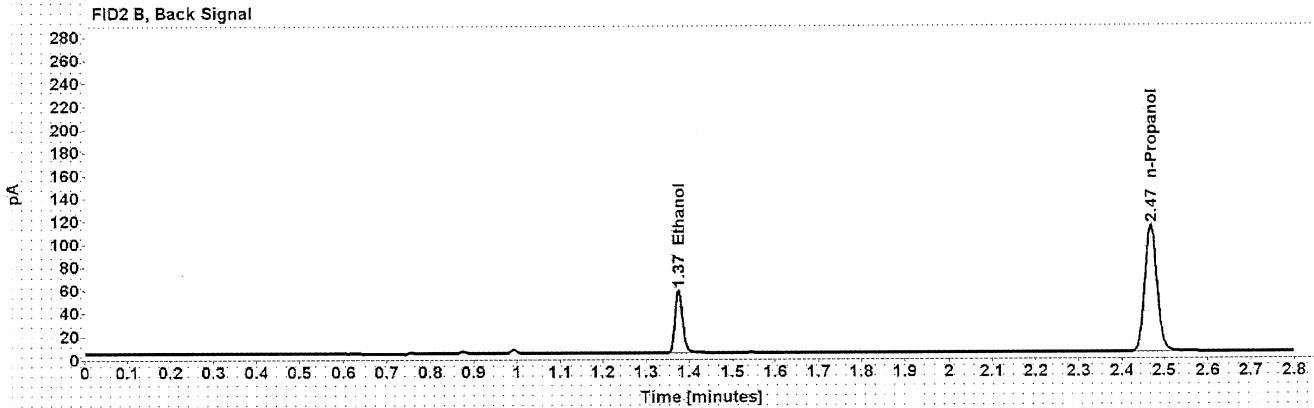
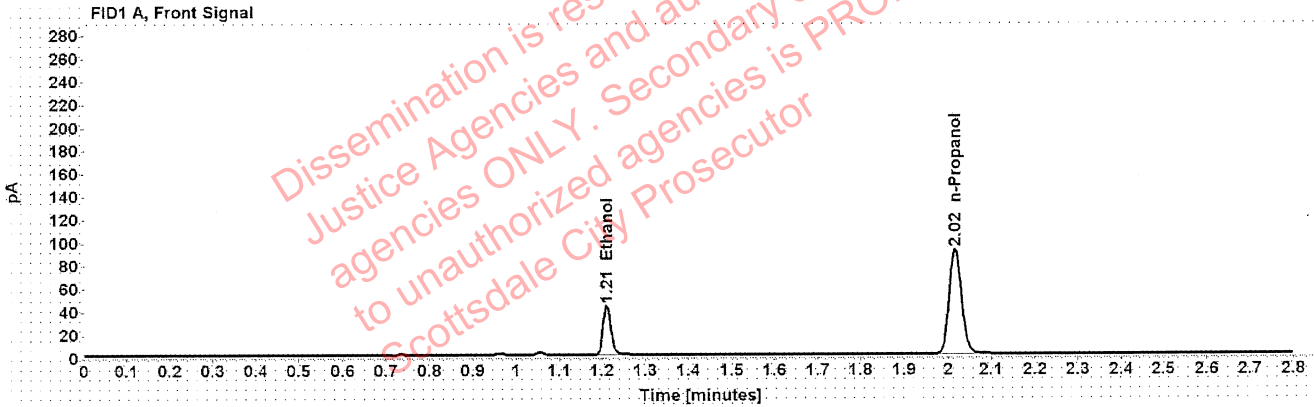


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0823	1.211	54.533
n-Propanol	-----	2.017	181.448

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

Compound	Time (min)	Peak Area
Ethanol	1.375	67.467
n-Propanol	2.468	223.202

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361517	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:31:25 PM
Data file:	C:\Chem32\1\Data\02Mar21\33.D	Analyst:	Abbott

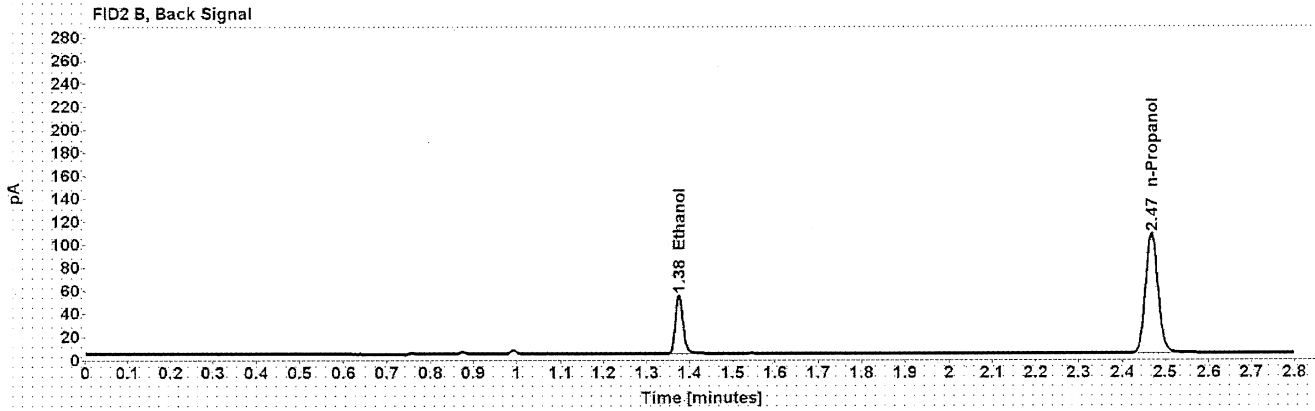
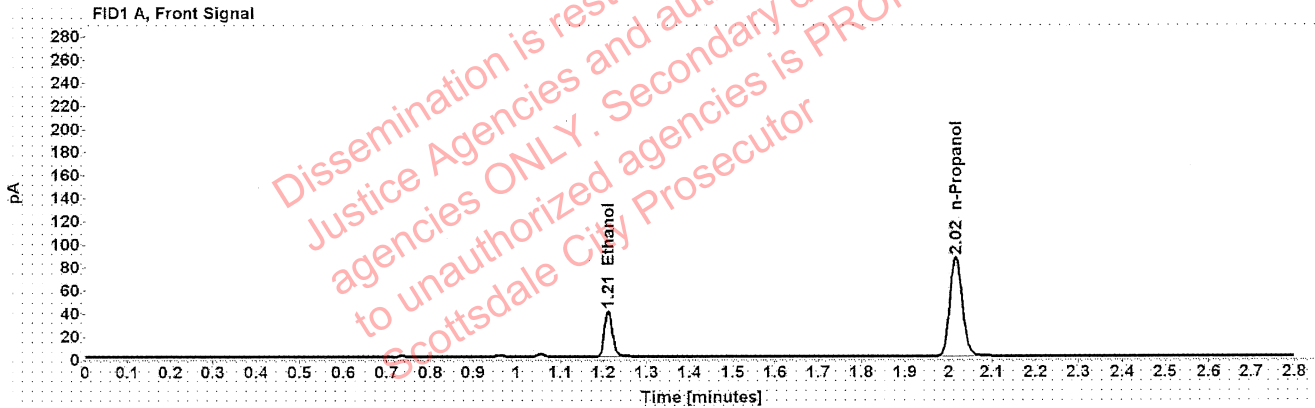


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.211	51.099
n-Propanol	-----	2.017	171.841

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

Compound	Time (min)	Peak Area
Ethanol	1.375	63.171
n-Propanol	2.468	211.481

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1272219	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:35:26 PM
Data file:	C:\Chem32\1\Data\02Mar21\34.D	Analyst:	Abbott

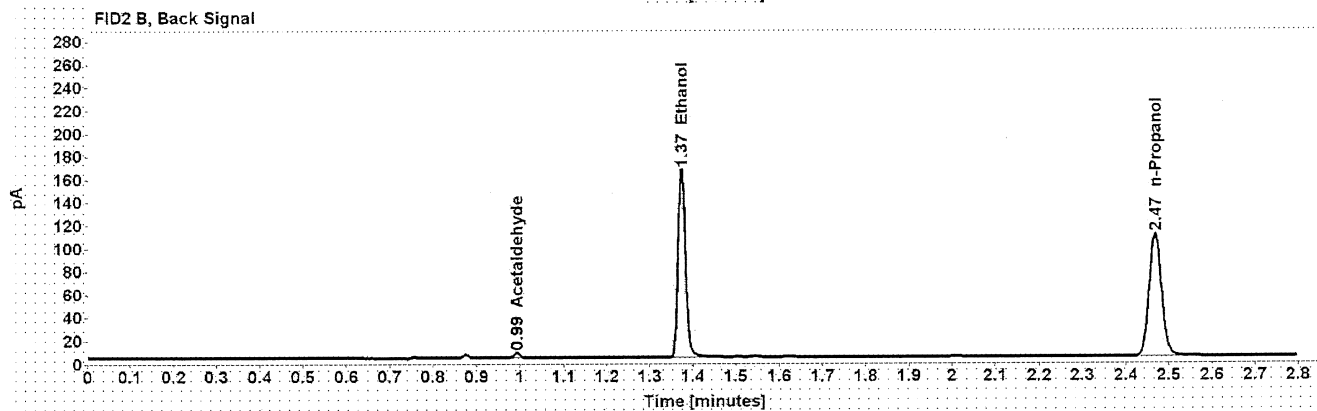
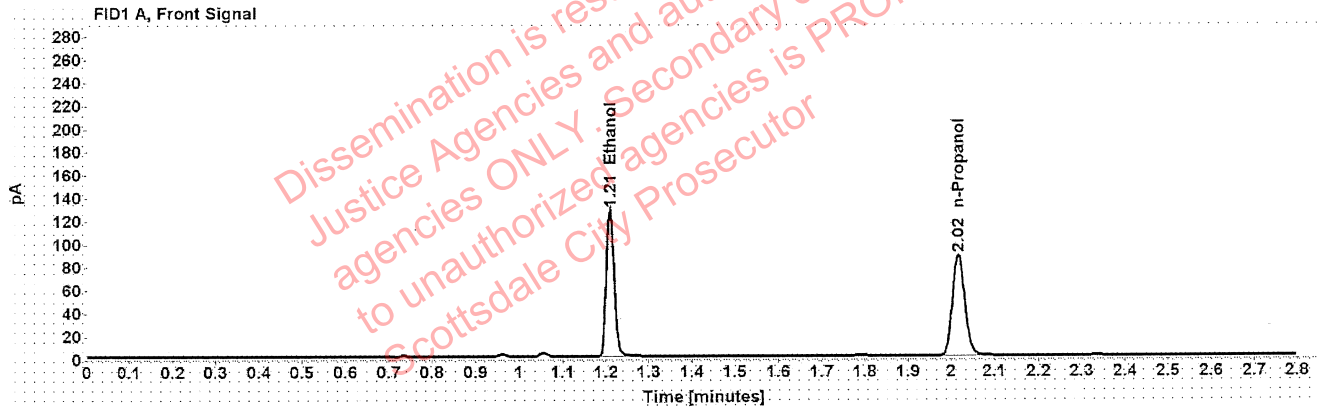


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2524	1.210	162.160
n-Propanol	-----	2.017	175.259

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.248
Ethanol	1.374	203.639
n-Propanol	2.468	216.531



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1272219	Vial: 35
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 02Mar21
Instrument: US14173023 CN14160045	Injection date: 3/2/2021 2:39:26 PM
Data file: C:\Chem32\1\Data\02Mar21\35.D	Analyst: Abbott

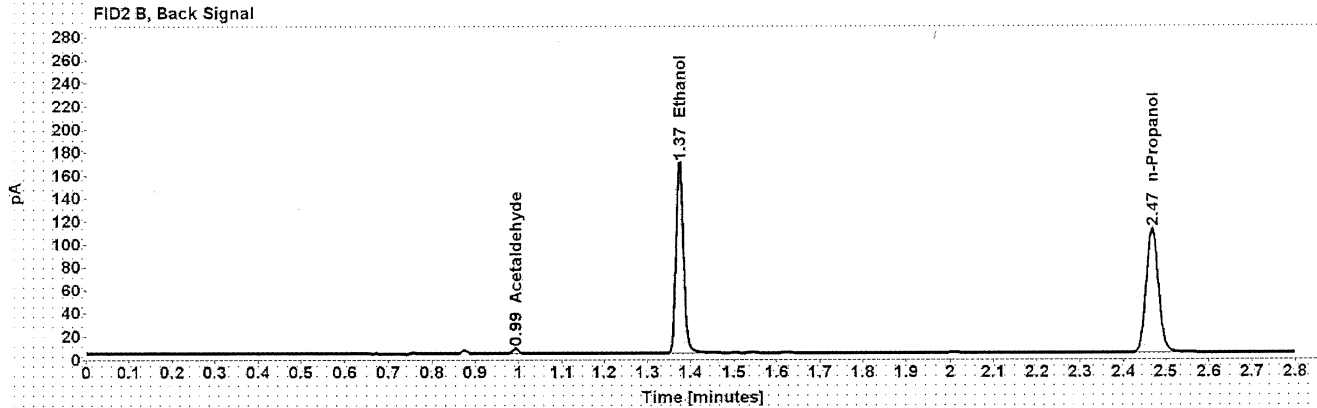
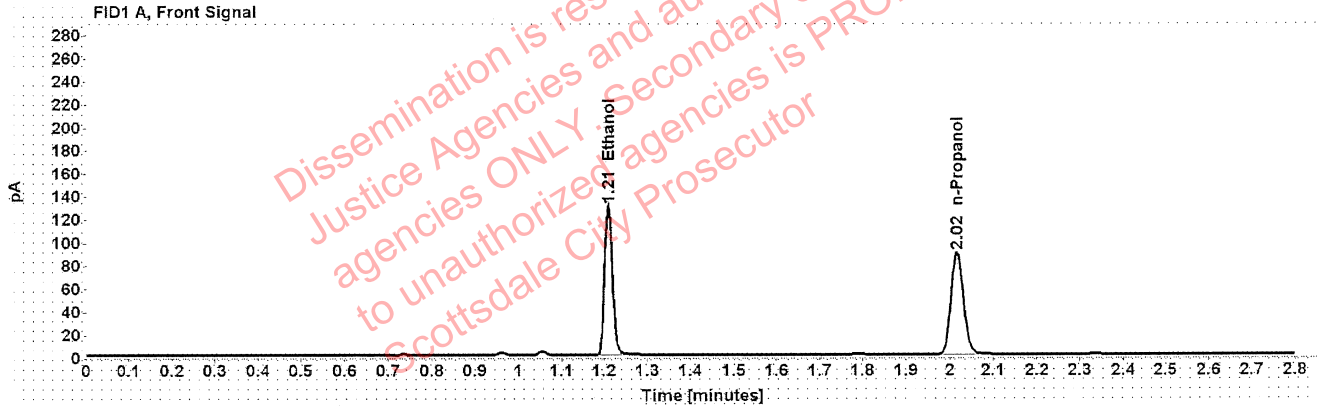


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2537	1.210	164.725
n-Propanol	-----	2.017	177.126

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.280
Ethanol	1.374	206.803
n-Propanol	2.468	218.939

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341931	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:43:26 PM
Data file:	C:\Chem32\1\Data\02Mar21\36.D	Analyst:	Abbott

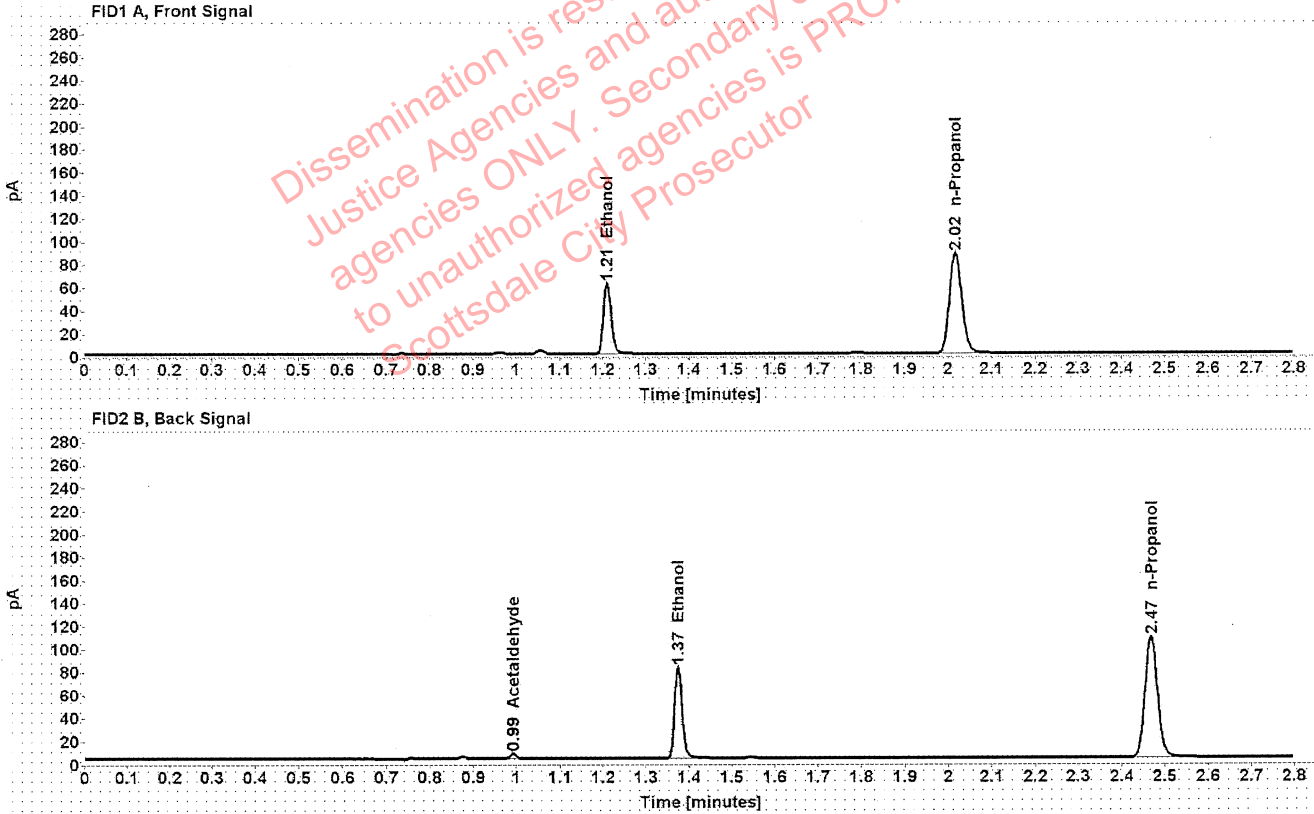


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1243	1.211	78.854
n-Propanol	-----	2.017	173.401

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.218
Ethanol	1.375	97.132
n-Propanol	2.468	213.594

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1341931	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:47:41 PM
Data file:	C:\Chem32\1\Data\02Mar21\37.D	Analyst:	Abbott

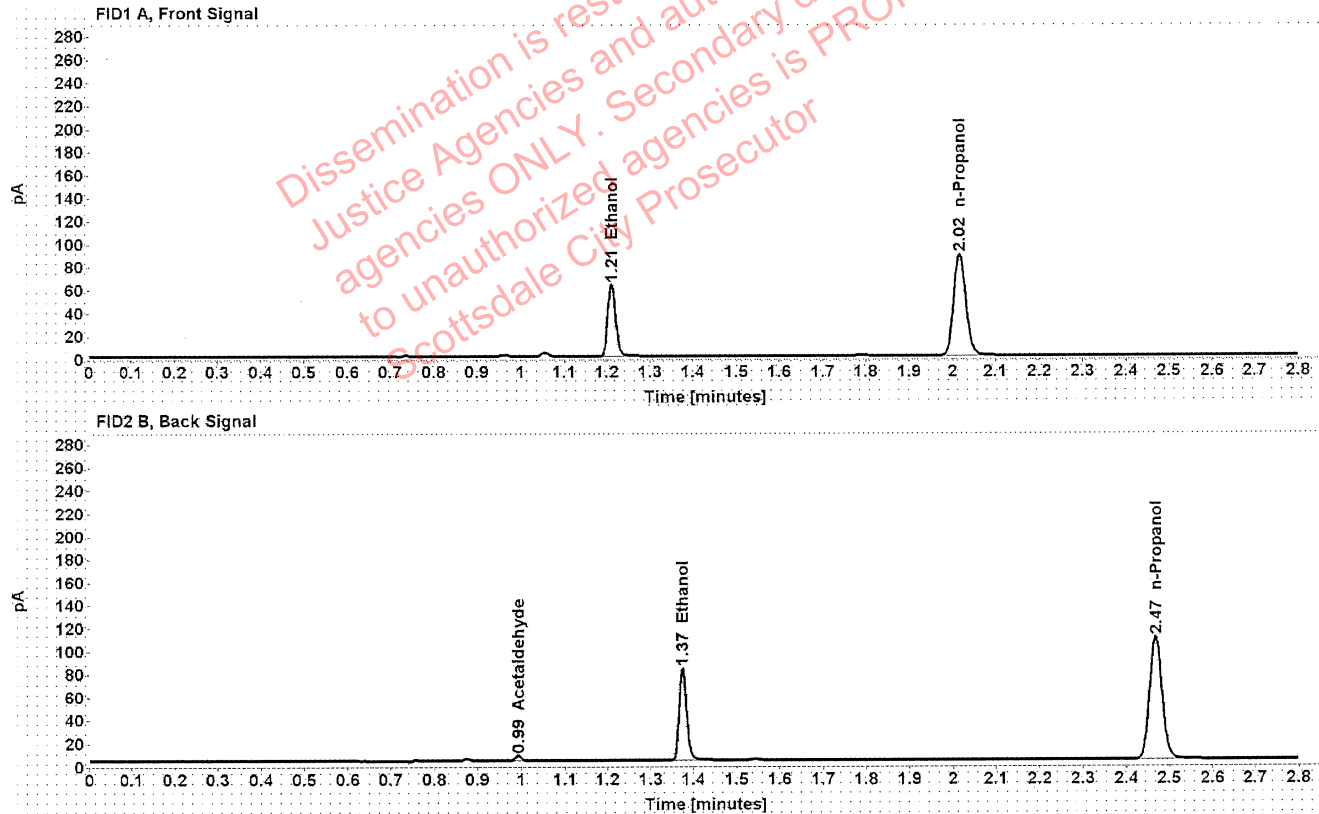


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1244	1.211	80.202
n-Propanol	-----	2.017	176.144

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.315
Ethanol	1.375	98.960
n-Propanol	2.468	216.962

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360256	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:51:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\38.D	Analyst:	Abbott

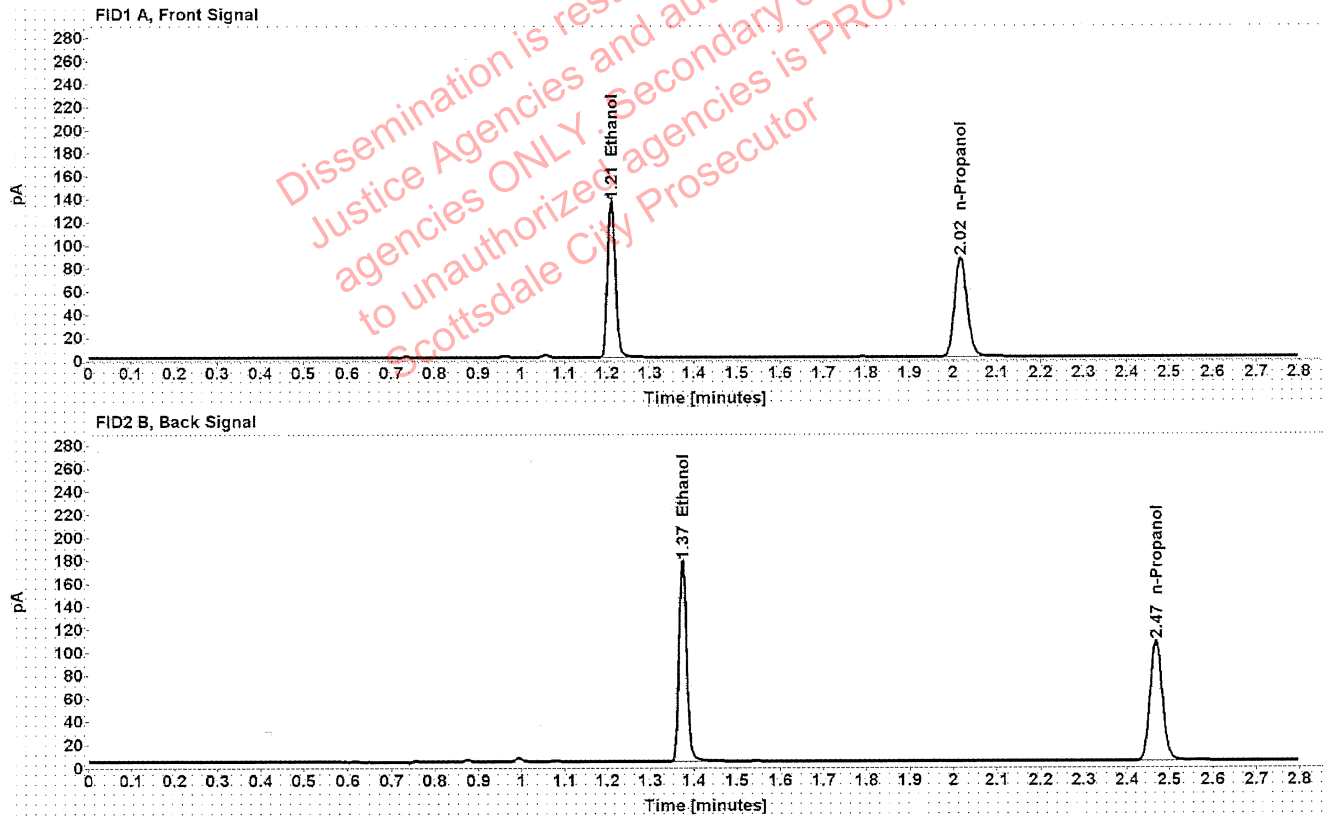


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2739	1.210	172.771
n-Propanol	-----	2.017	172.049

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

Compound	Time (min)	Peak Area
Ethanol	1.374	215.397
n-Propanol	2.468	211.131

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1360256	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:55:41 PM
Data file:	C:\Chem32\1\Data\02Mar21\39.D	Analyst:	Abbott

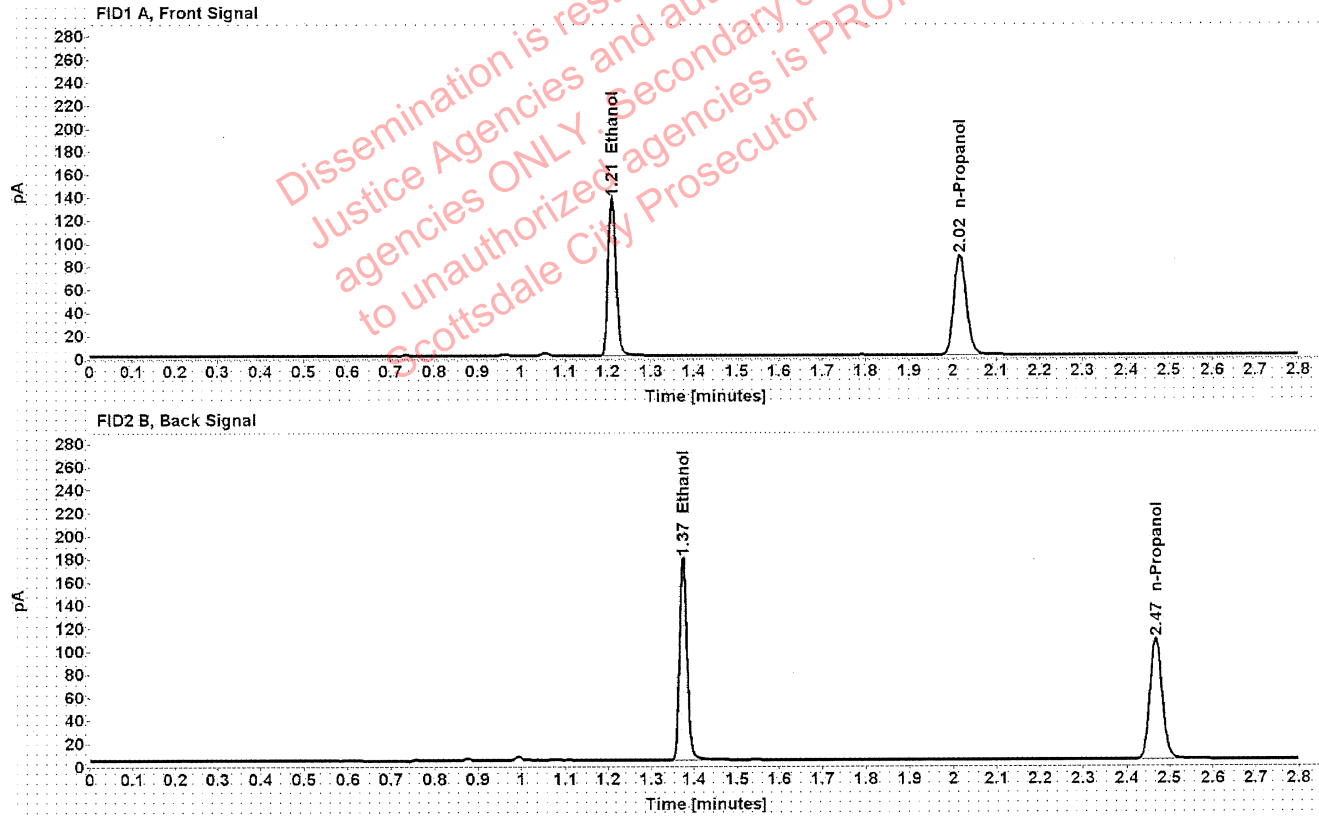


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2735	1.210	173.663
n-Propanol	-----	2.017	173.187

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

Compound	Time (min)	Peak Area
Ethanol	1.374	216.974
n-Propanol	2.468	212.563

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332782	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 2:59:41 PM
Data file:	C:\Chem32\1\Data\02Mar21\40.D	Analyst:	Abbott

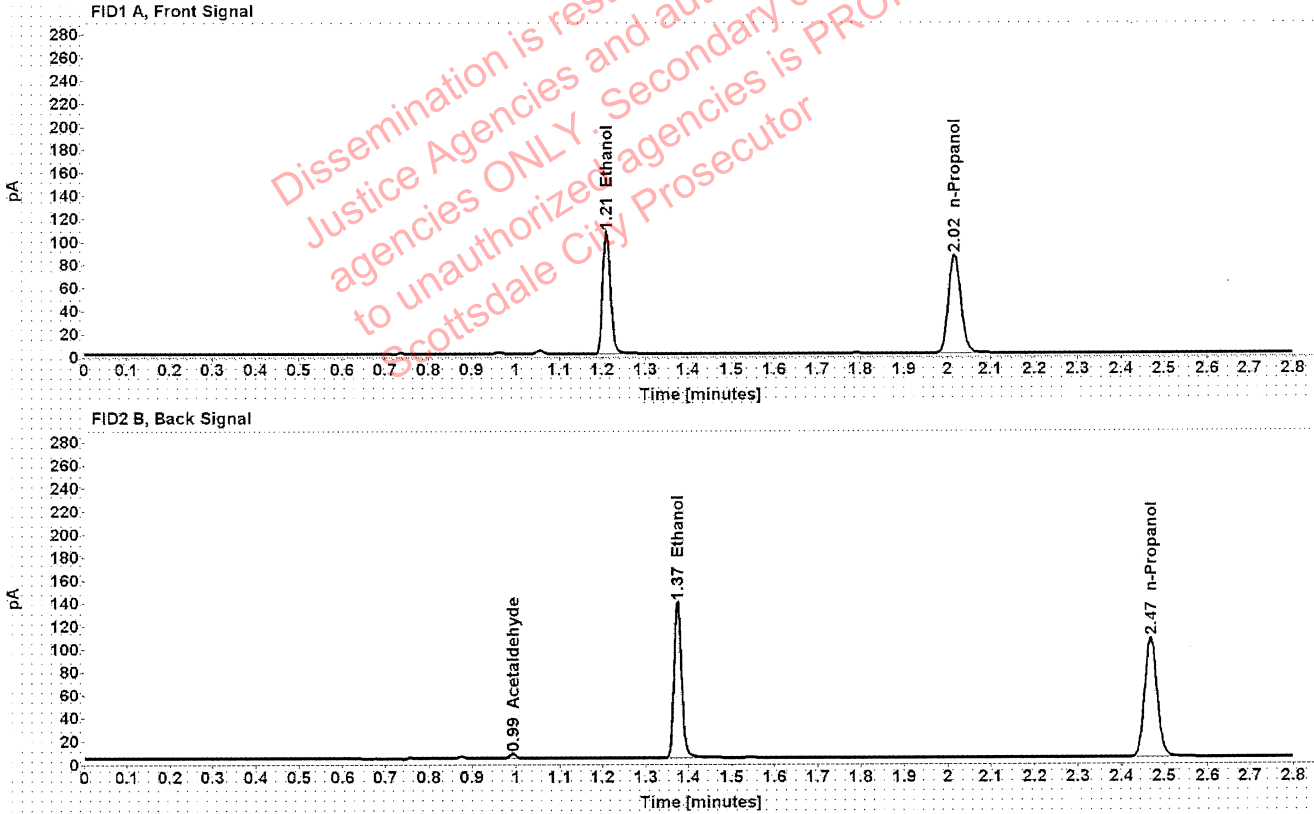


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2152	1.210	134.871
n-Propanol	-----	2.017	171.005

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.860
Ethanol	1.374	168.516
n-Propanol	2.468	210.448



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332782	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:03:40 PM
Data file:	C:\Chem32\1\Data\02Mar21\41.D	Analyst:	Abbott

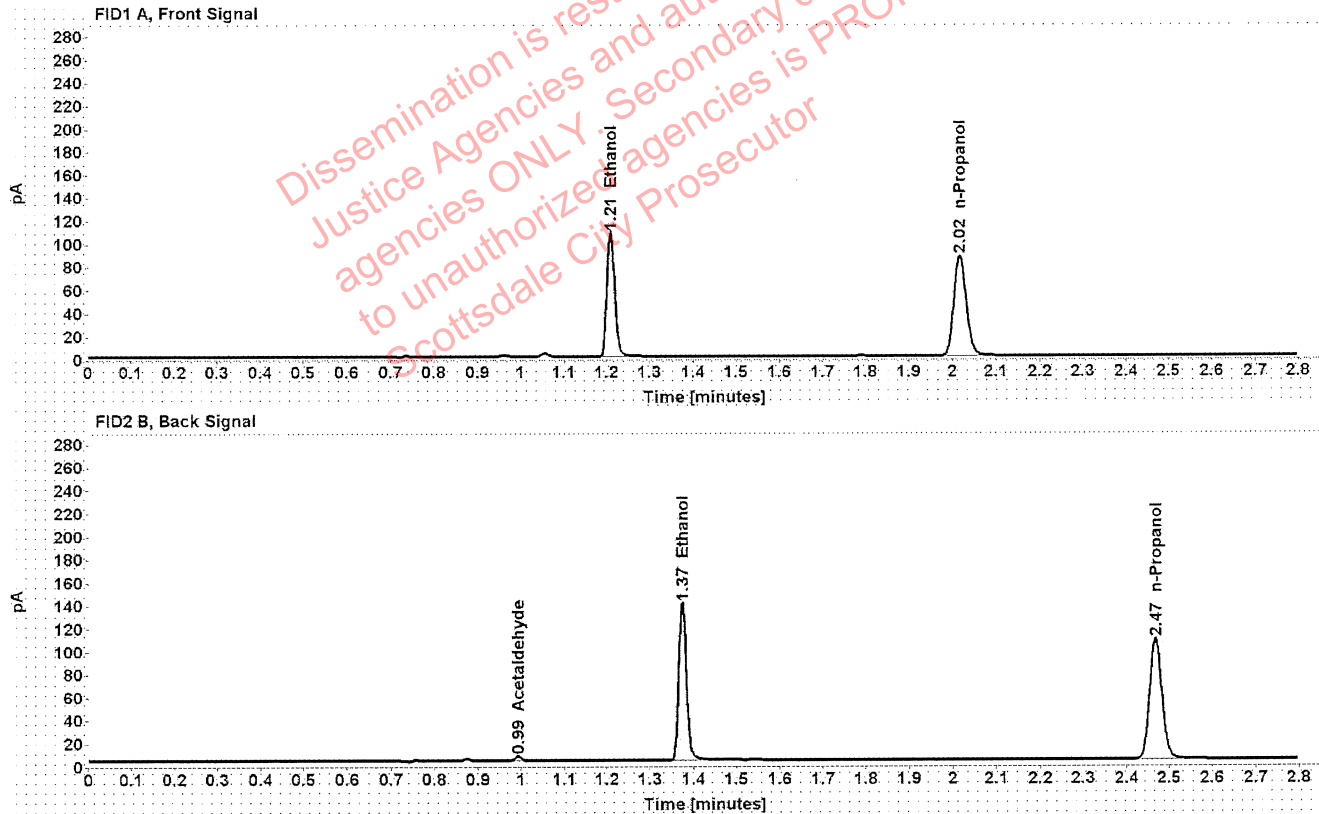


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2156	1.210	136.547
n-Propanol	-----	2.017	172.828

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.902
Ethanol	1.374	170.358
n-Propanol	2.468	213.135

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361471	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:11:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\43.D	Analyst:	Abbott

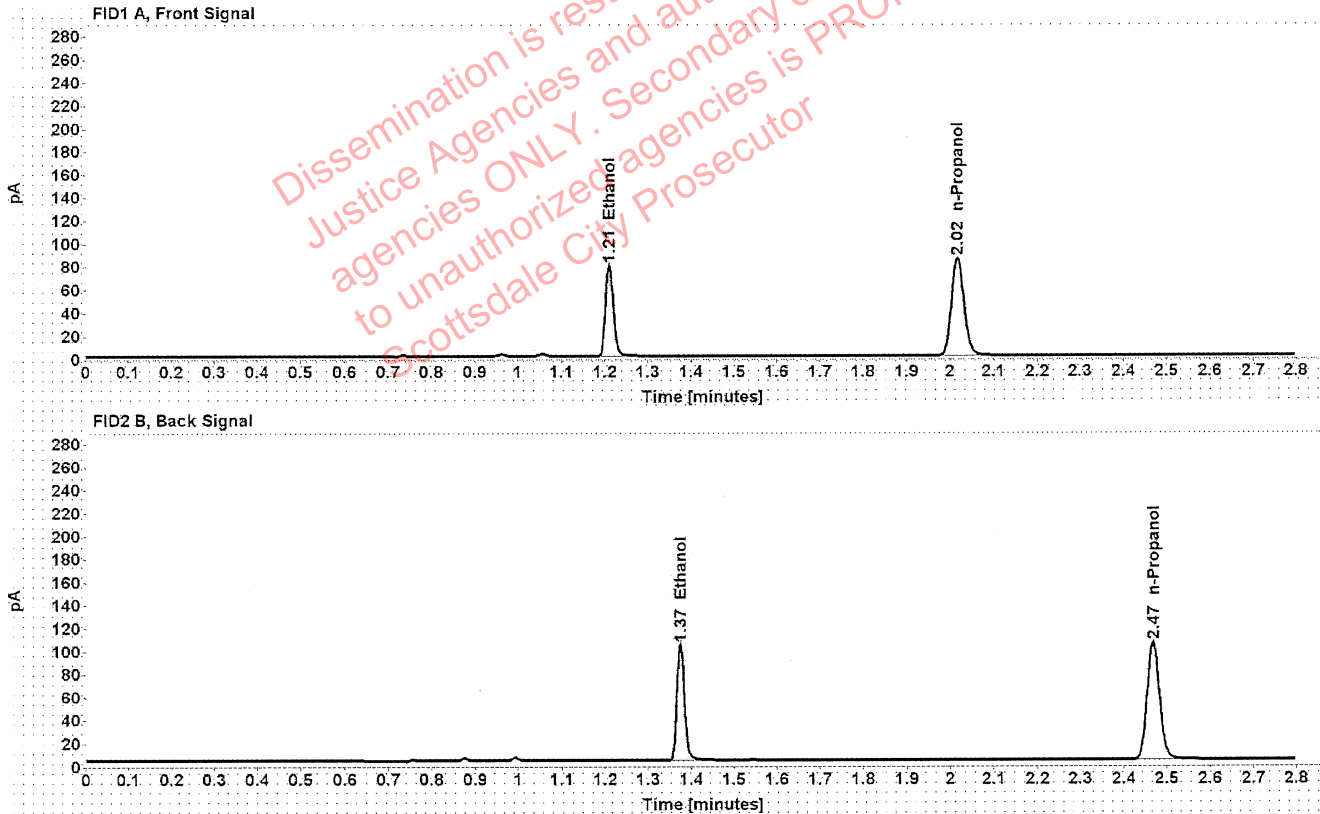


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1630	1.210	100.715
n-Propanol	-----	2.017	168.750

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

Compound	Time (min)	Peak Area
Ethanol	1.375	124.975
n-Propanol	2.468	207.419

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361471	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:15:55 PM
Data file:	C:\Chem32\1\Data\02Mar21\44.D	Analyst:	Abbott

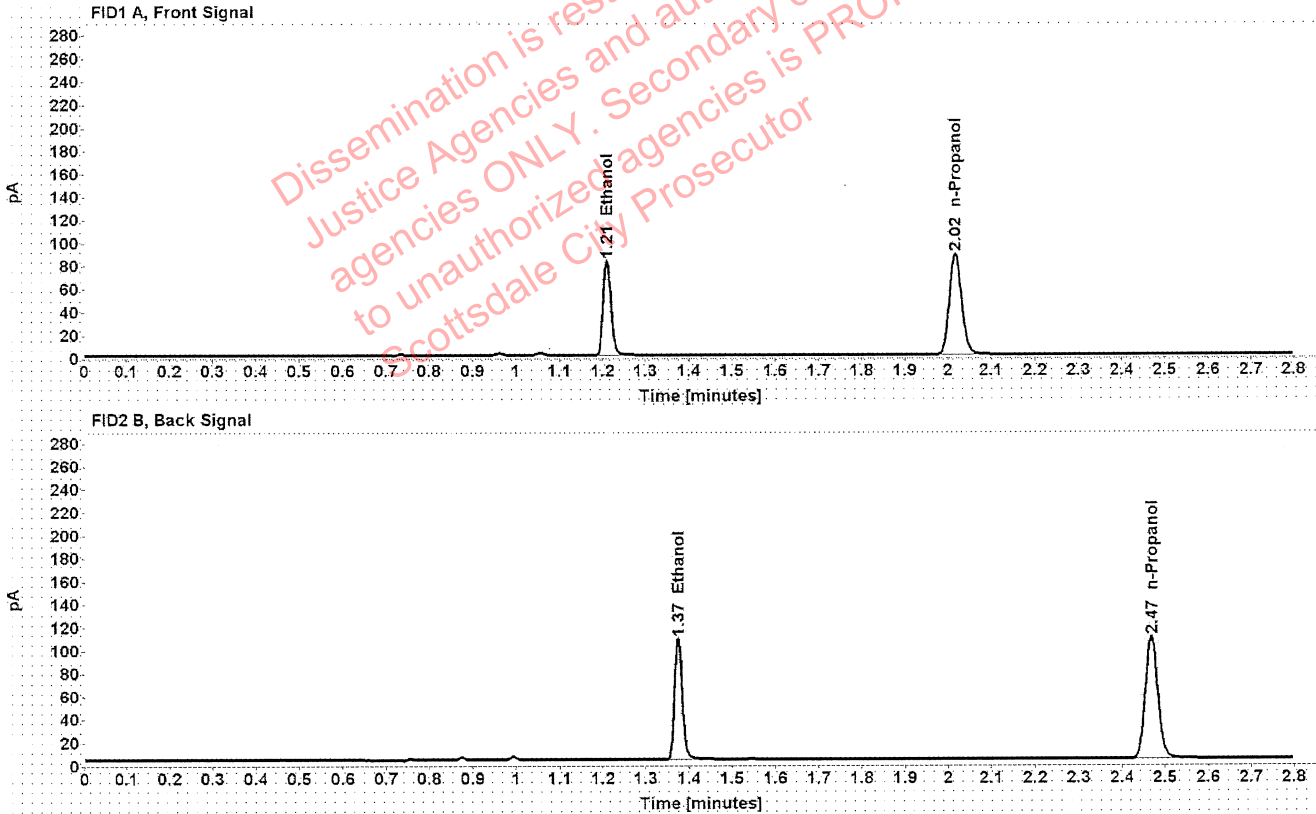


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1637	1.210	104.979
n-Propanol	-----	2.017	175.101

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

Compound	Time (min)	Peak Area
Ethanol	1.375	130.825
n-Propanol	2.468	215.185

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361847	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:19:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\45.D	Analyst:	Abbott

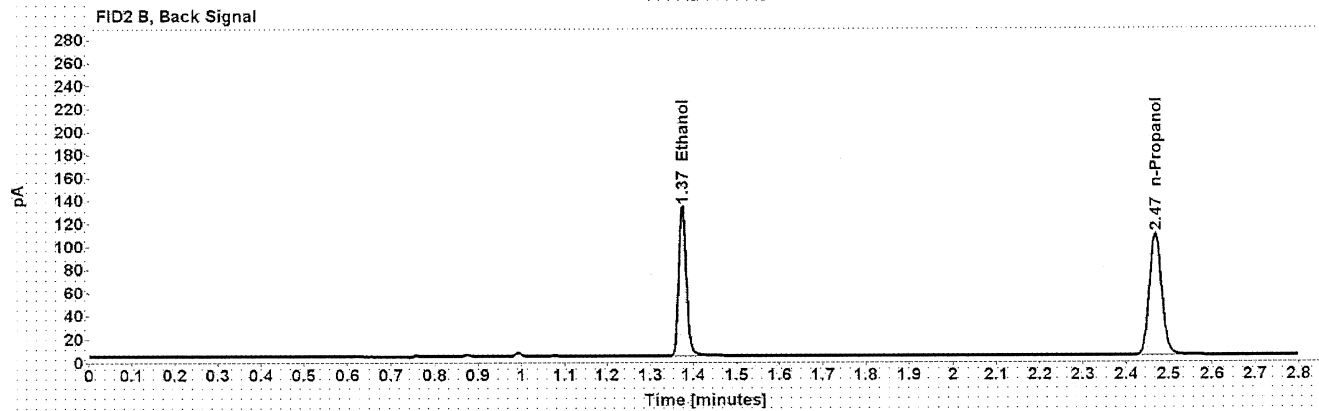
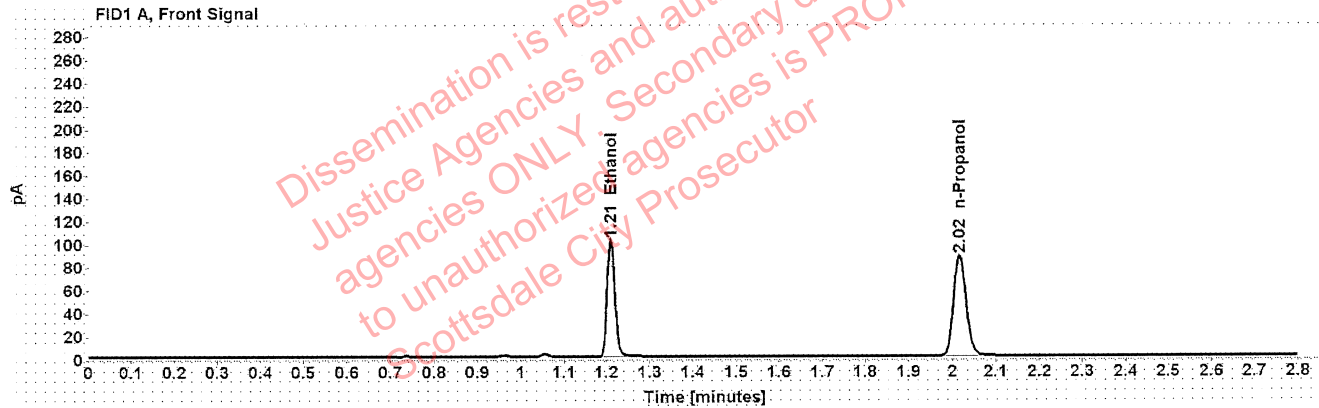


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.210	129.374
n-Propanol	-----	2.017	173.733

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.286
n-Propanol	2.468	213.585

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361847	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:23:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\46.D	Analyst:	Abbott

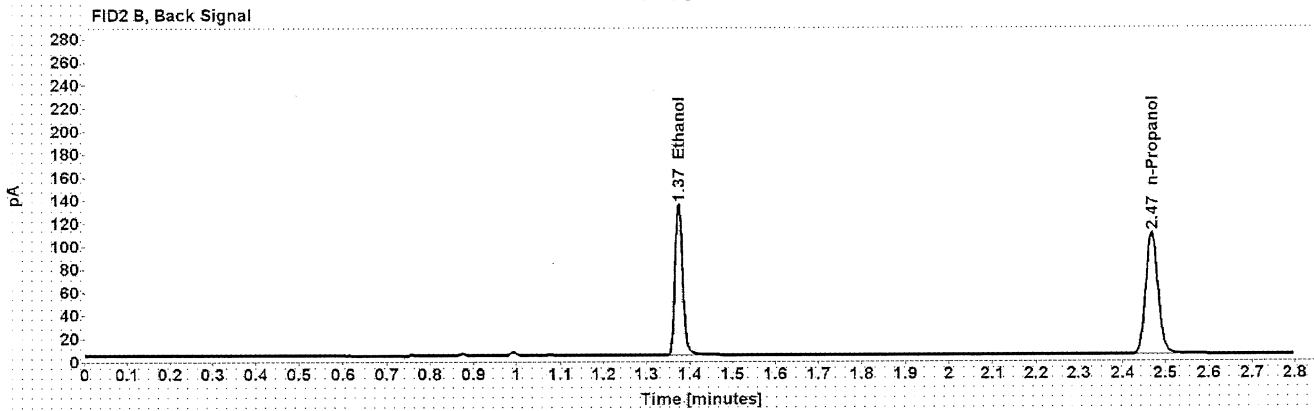
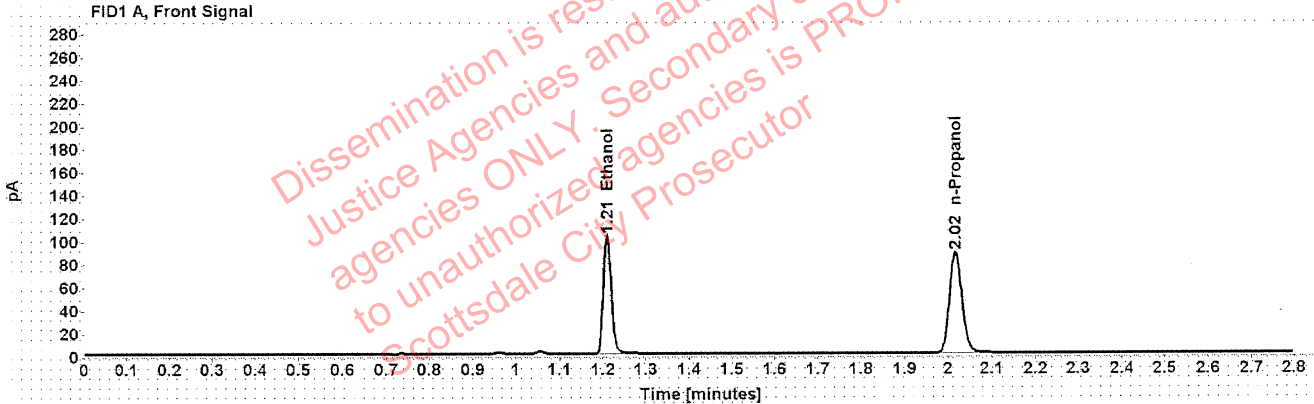


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2041	1.210	130.545
n-Propanol	-----	2.017	174.550

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.834
n-Propanol	2.468	214.357

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361496	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:27:56 PM
Data file:	C:\Chem32\1\Data\02Mar21\47.D	Analyst:	Abbott

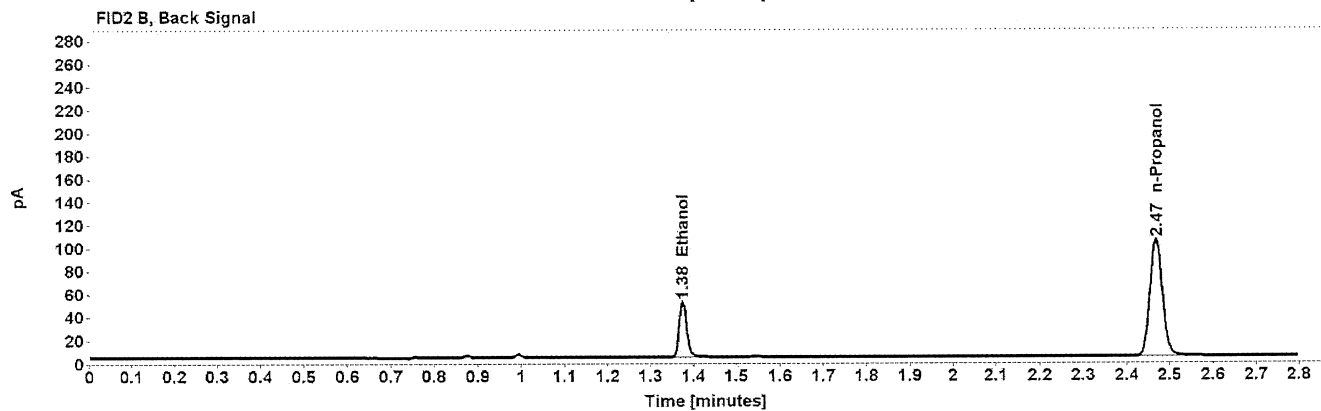
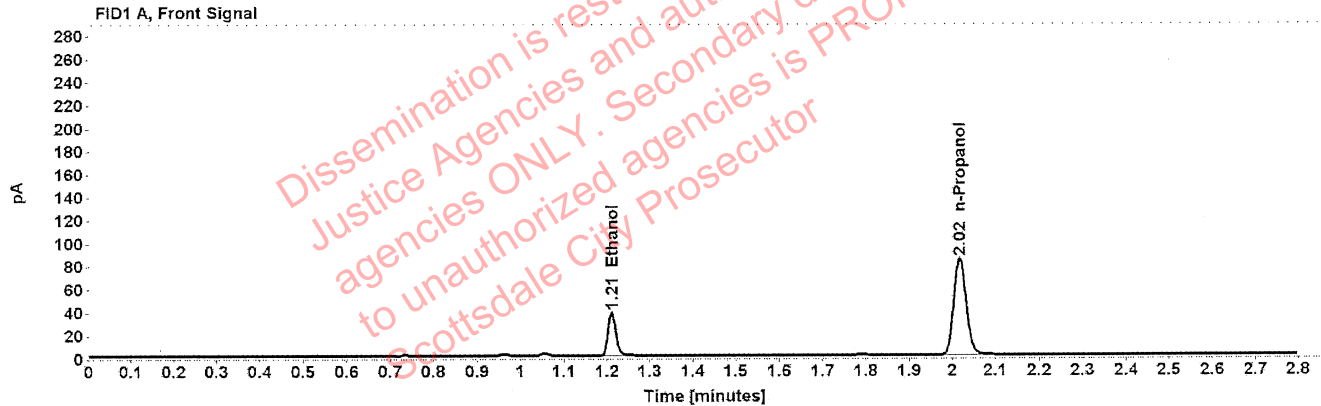


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0788	1.211	48.278
n-Propanol	-----	2.017	167.644

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.725
n-Propanol	2.468	205.809

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361496	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:31:55 PM
Data file:	C:\Chem32\1\Data\02Mar21\48.D	Analyst:	Abbott

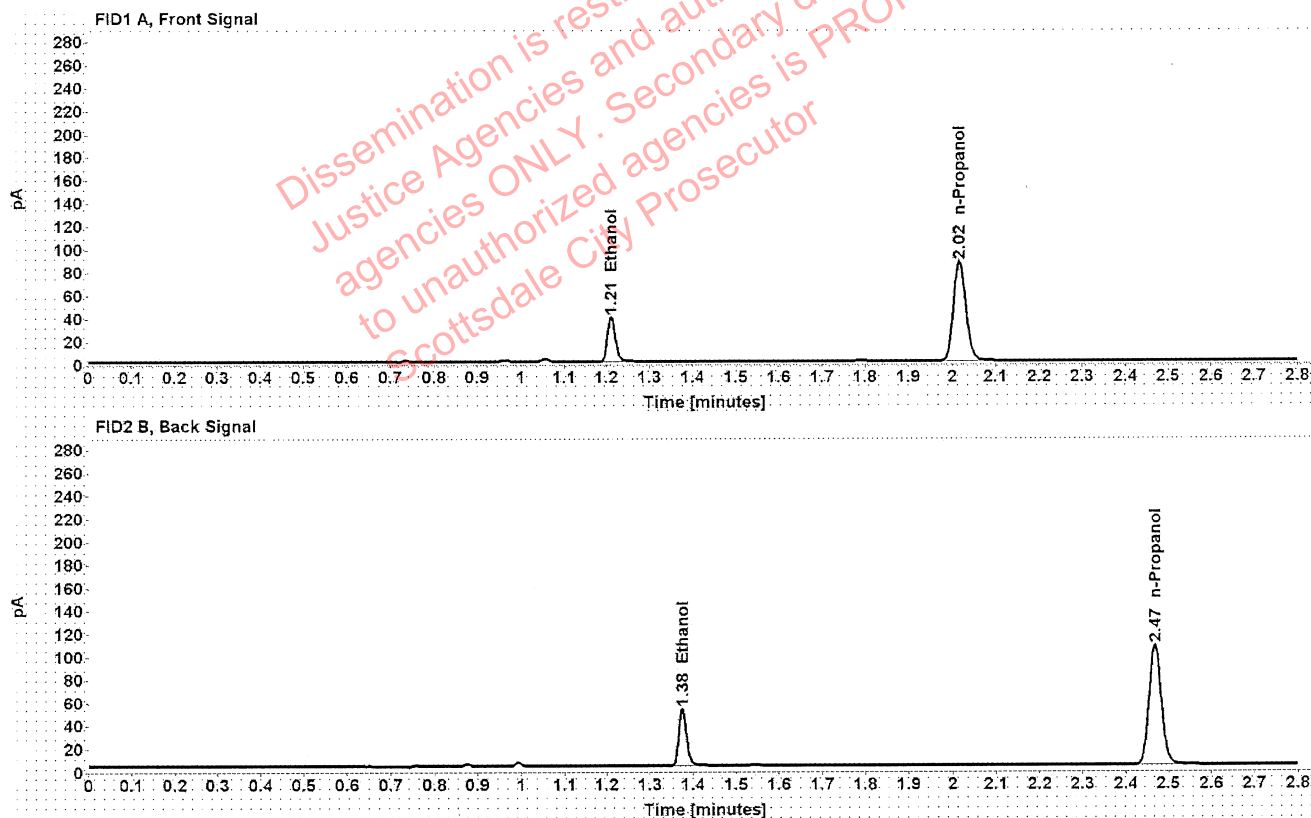


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0790	1.211	49.764
n-Propanol	-----	2.017	172.533

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

Compound	Time (min)	Peak Area
Ethanol	1.375	61.454
n-Propanol	2.468	211.621



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361963	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:36:11 PM
Data file:	C:\Chem32\1\Data\02Mar21\49.D	Analyst:	Abbott

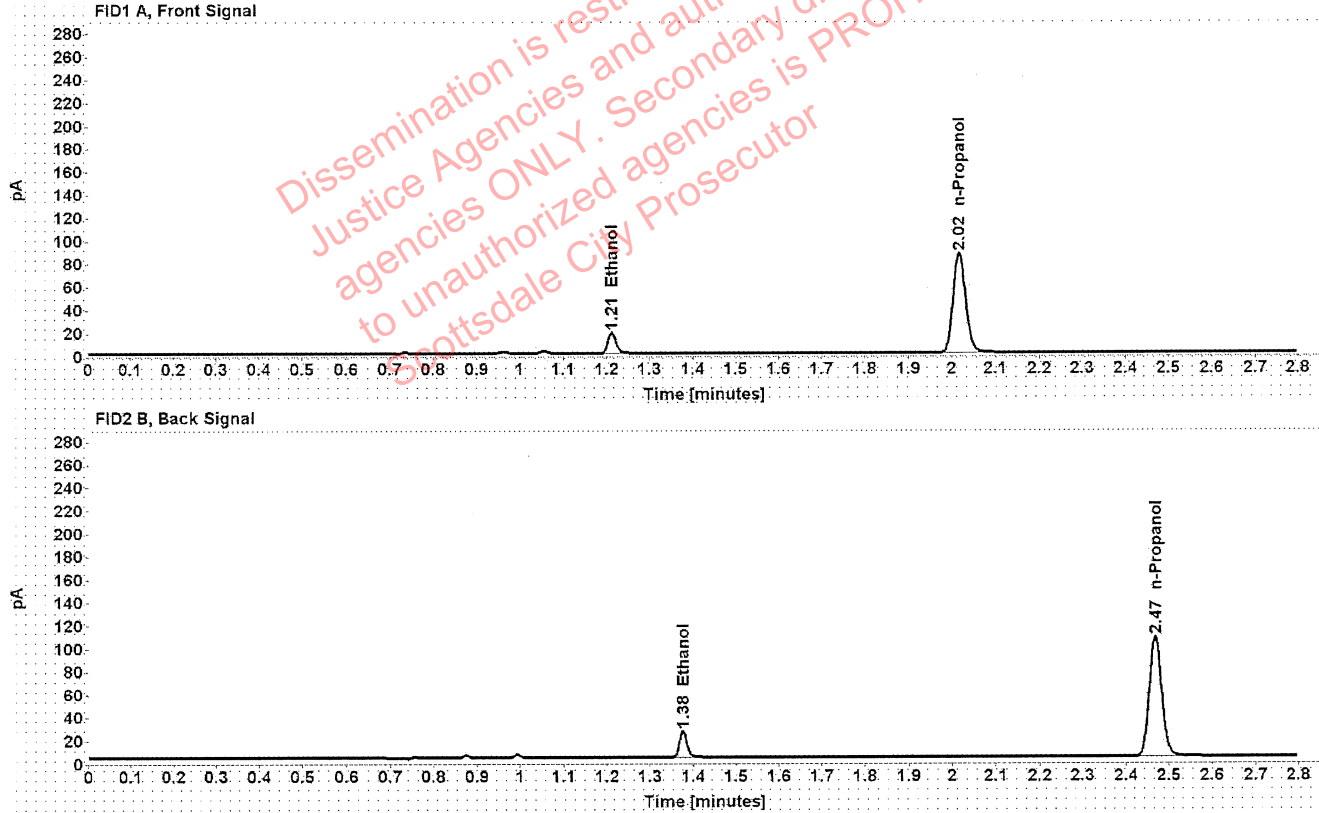


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0369	1.212	23.152
n-Propanol	-----	2.017	172.768

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

Compound	Time (min)	Peak Area
Ethanol	1.376	28.821
n-Propanol	2.468	212.082

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1361963	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:40:11 PM
Data file:	C:\Chem32\1\Data\02Mar21\50.D	Analyst:	Abbott

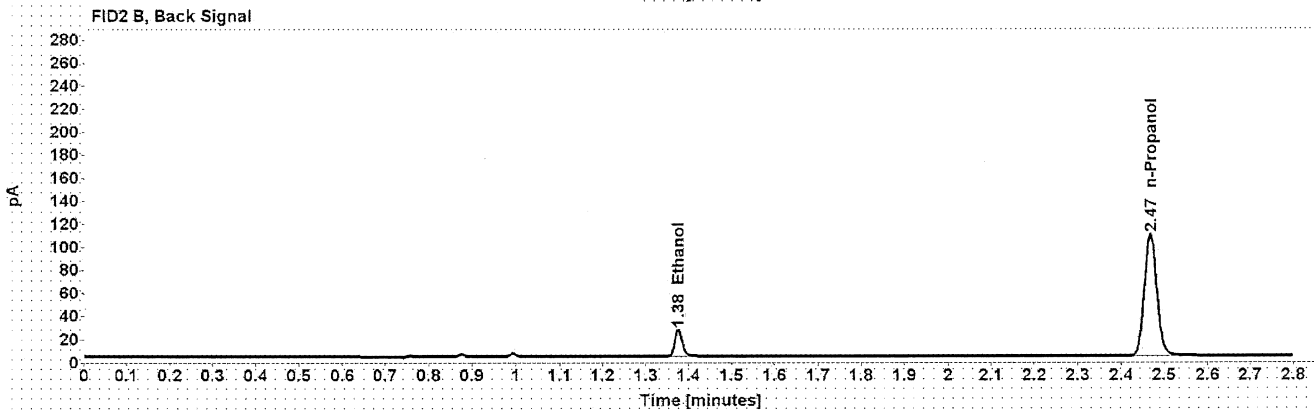
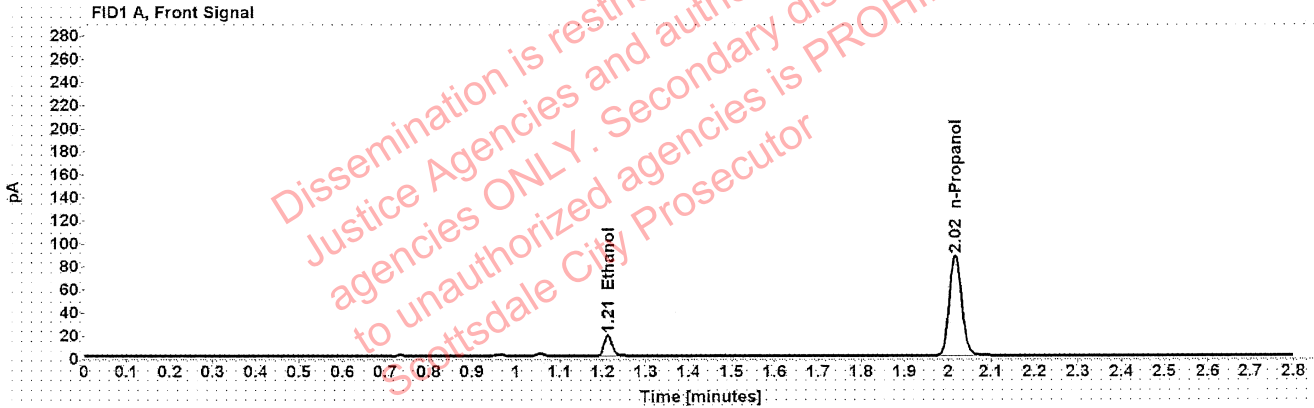


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0369	1.212	23.403
n-Propanol	-----	2.017	174.452

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.406
n-Propanol	2.468	214.123

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333261	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:44:11 PM
Data file:	C:\Chem32\1\Data\02Mar21\51.D	Analyst:	Abbott

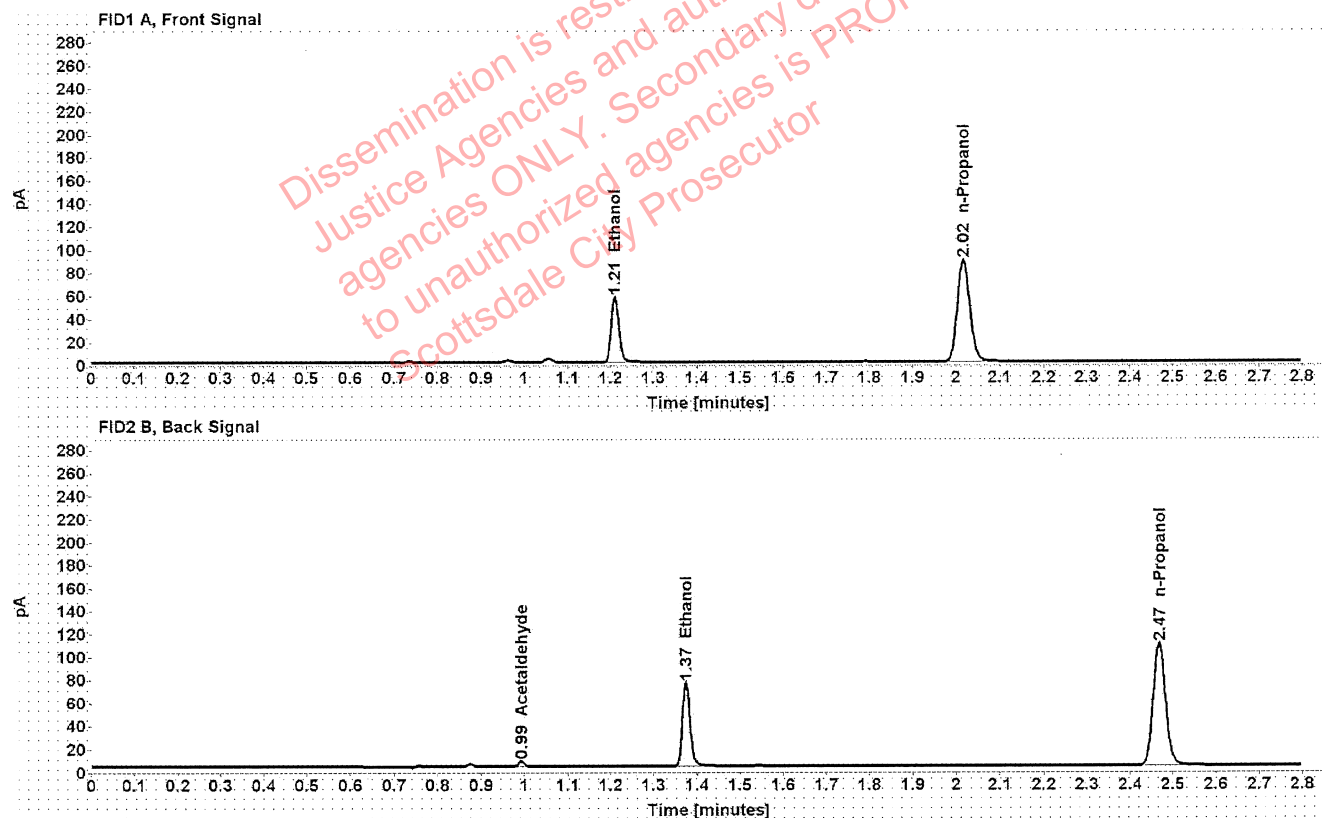


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1133	1.211	72.692
n-Propanol	-----	2.017	175.364

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.471
Ethanol	1.375	89.807
n-Propanol	2.468	215.726

[REDACTED]: Abbott, Lori - (02-Mar-2021)

Case: [REDACTED] User: LAbbott 3/2/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1333261	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Mar21
Instrument:	US14173023 CN14160045	Injection date:	3/2/2021 3:48:10 PM
Data file:	C:\Chem32\1\Data\02Mar21\52.D	Analyst:	Abbott

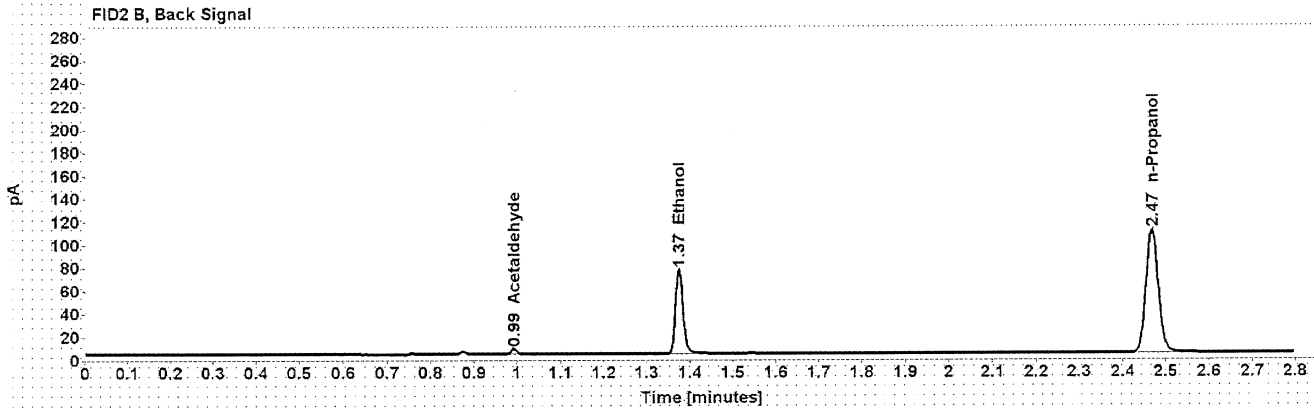
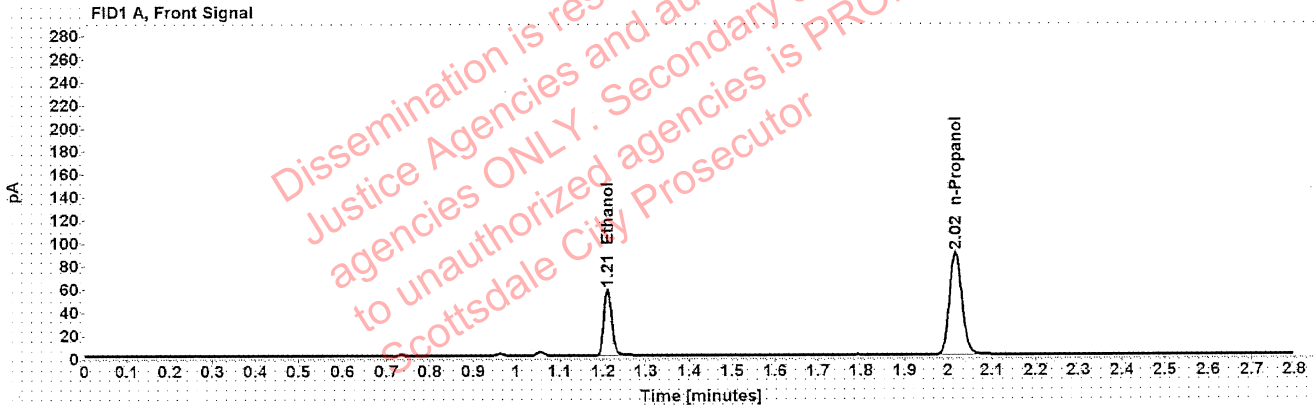


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1133	1.211	73.191
n-Propanol	-----	2.017	176.642

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.449
Ethanol	1.375	90.803
n-Propanol	2.468	217.311