

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/12/2020 SEQUENCE NAME 12Nov20

**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 0.99997  
 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 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.407 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	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 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	0.402 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
55	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
56	Blank	Not detected	Not detected	SPD lab 040919WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
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 \_\_\_\_\_  
 \_\_\_\_\_

Run valid   
 Run invalid   
  
 Analyst

Run valid   
 Run invalid   
  
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

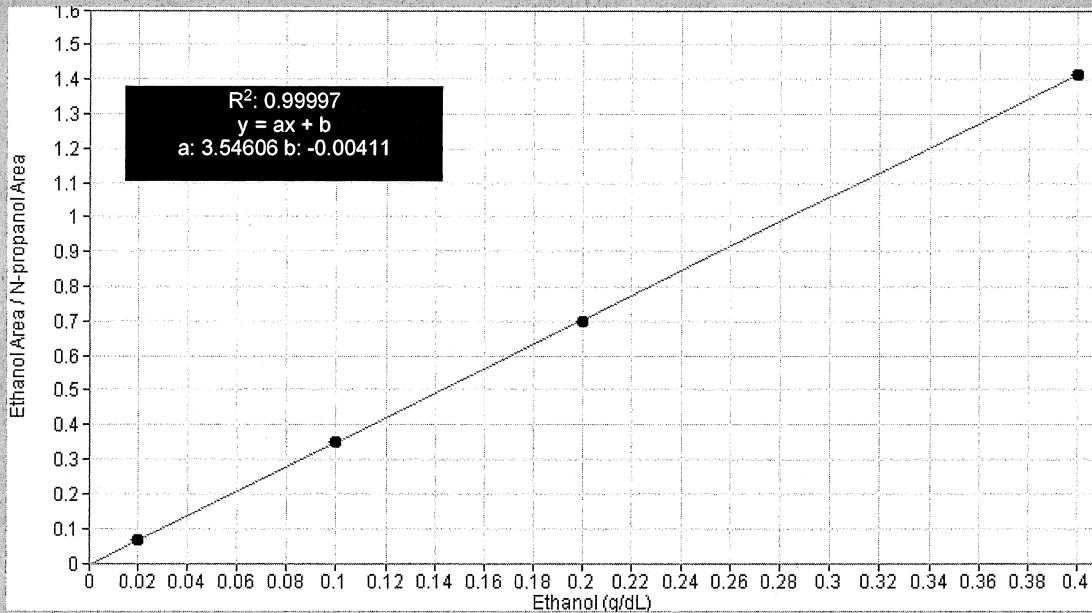
SEQUENCE NAME: 12Nov20

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.407	0.400	1.75	0.007
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.198 407041529/13	42	0.200	0.198	1.01	0.002
0.400 11092018-A	53	0.402	0.400	0.50	0.002
0.040 14082019-B	54	0.041	0.040	2.50	0.001
0.198 407041529/13	55	0.201	0.198	1.52	0.003
blank 040919VWB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.002	176.020	0.068
0.100	62.175	176.712	0.352
0.200	122.836	175.359	0.701
0.400	247.636	174.857	1.416

### 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> 12Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/12/2020 12:18:17 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>dh</i>
<b>Data file:</b> C:\Chem32\1\Data\12Nov20\1.D	

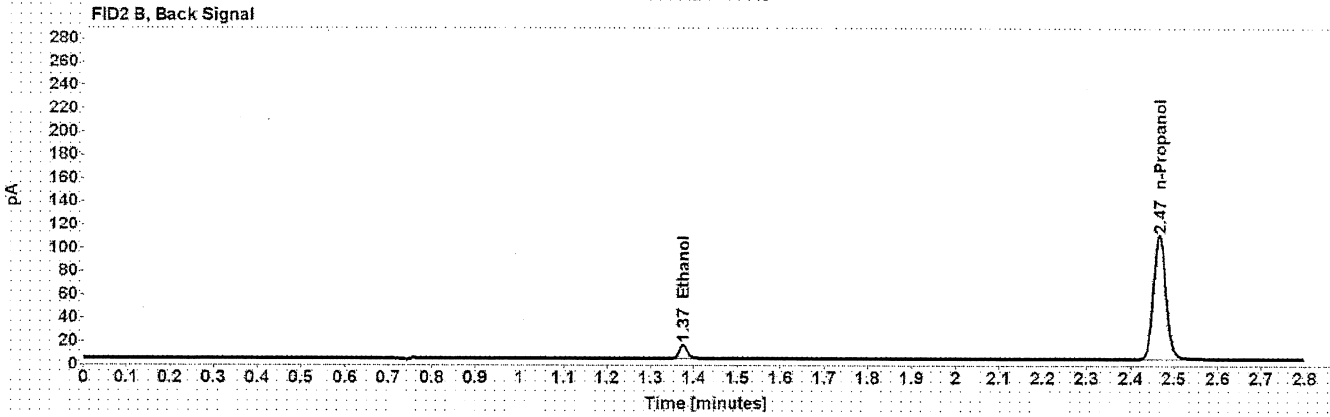
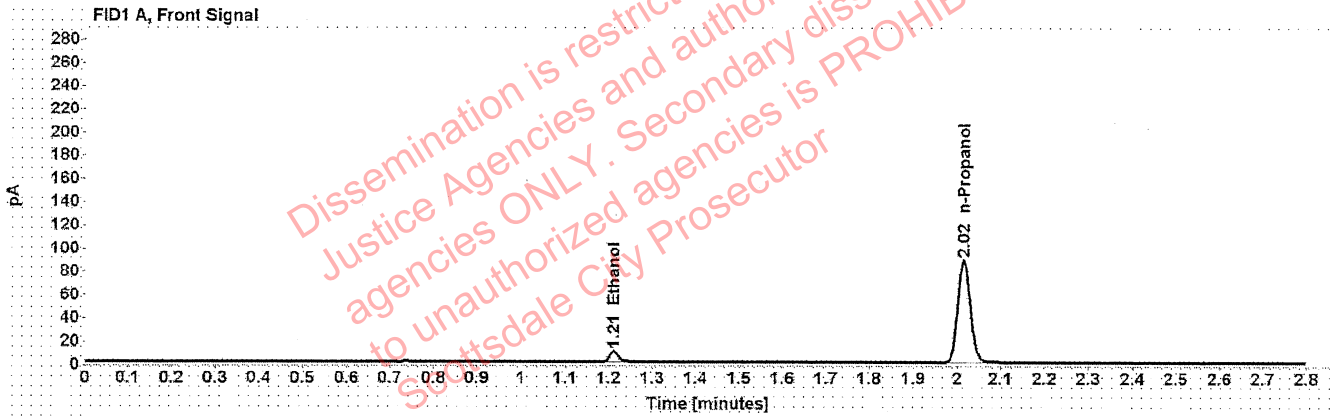


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.002
n-Propanol	2.015	176.020

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.967
n-Propanol	2.466	216.485

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 12Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/12/2020 12:22:17 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
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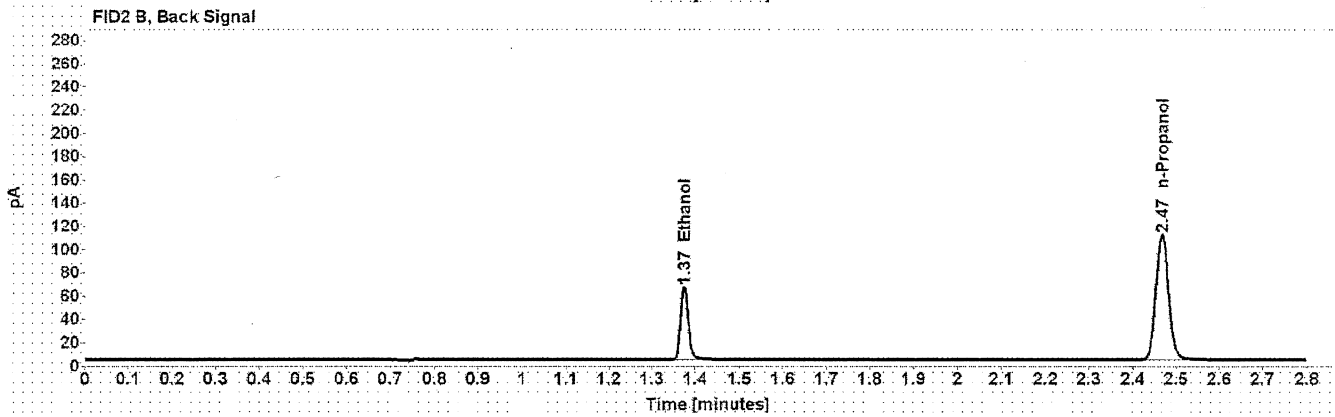
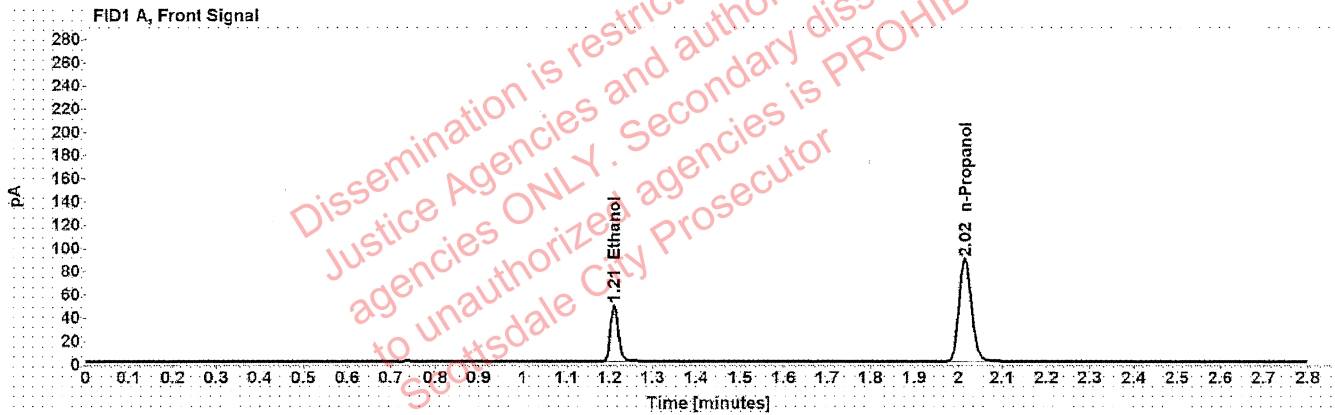


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	62.175
n-Propanol	2.016	176.712

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.652
n-Propanol	2.467	217.960

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 12Nov20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 11/12/2020 12:26:17 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>dr</i>
<b>Data file:</b> C:\Chem32\1\Data\12Nov20\3.D	

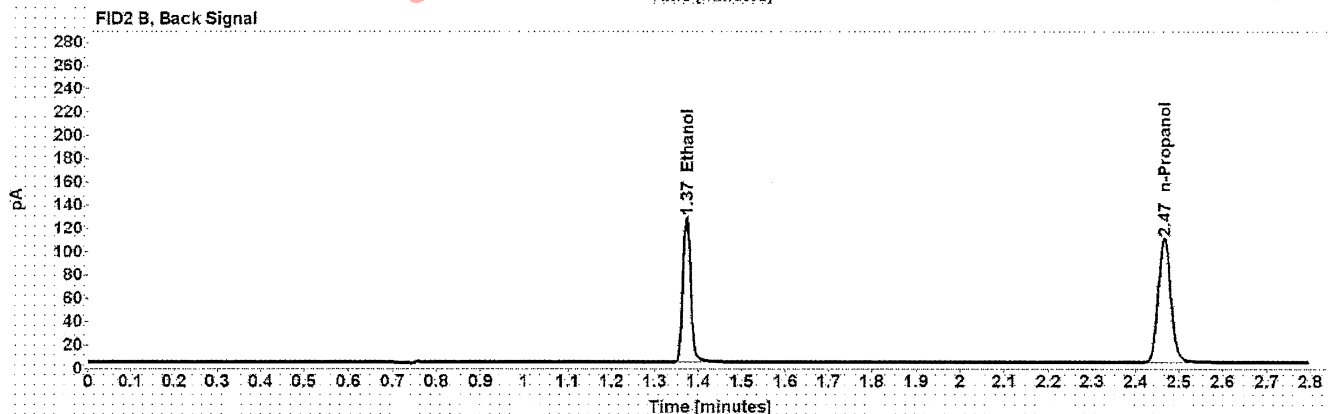
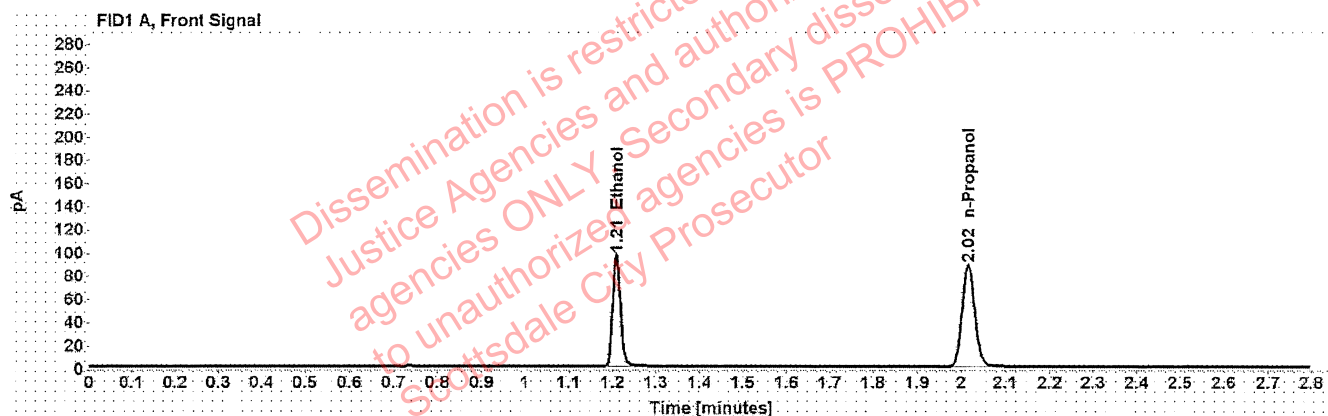


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	122.836
n-Propanol	2.015	175.359

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

Compound	Time (min)	Peak Area
Ethanol	1.373	153.569
n-Propanol	2.466	216.427

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 12Nov20
Method: ethanol quant.M	Injection date: 11/12/2020 12:30:17 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>BA</i>
Data file: C:\Chem32\1\Data\12Nov20\4.D	

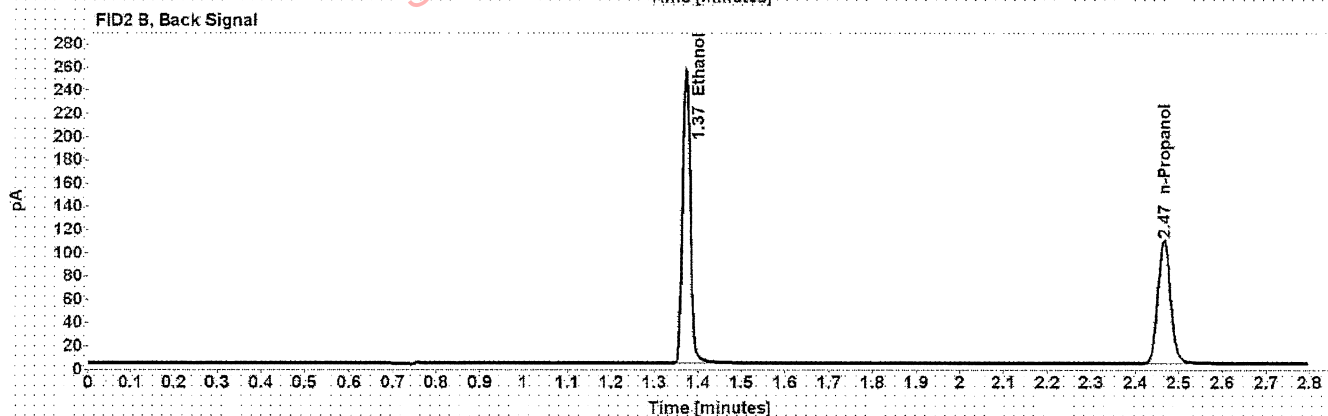
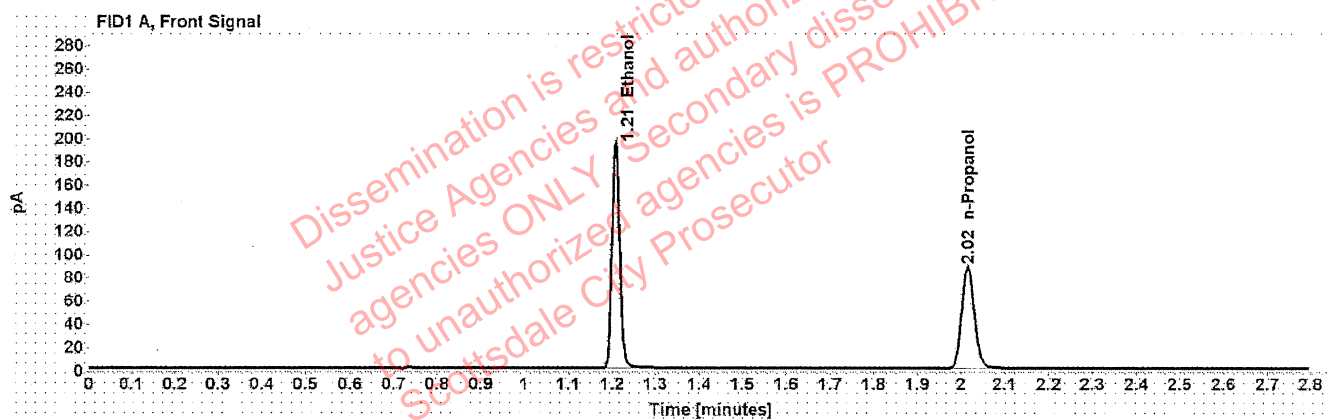


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	247.636
n-Propanol	2.015	174.857

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

Compound	Time (min)	Peak Area
Ethanol	1.372	310.970
n-Propanol	2.466	215.810

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Nov20
Instrument: US14173023 CN14160045	Injection date: 11/12/2020 12:34:17 PM
Data file: C:\Chem32\1\Data\12Nov20\5.D	Analyst: Abbott <i>AB</i>

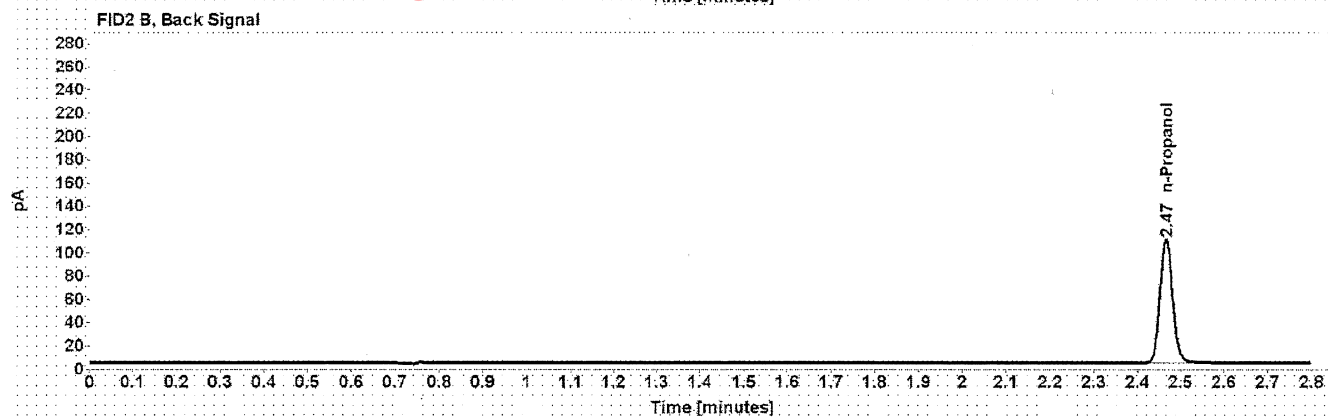
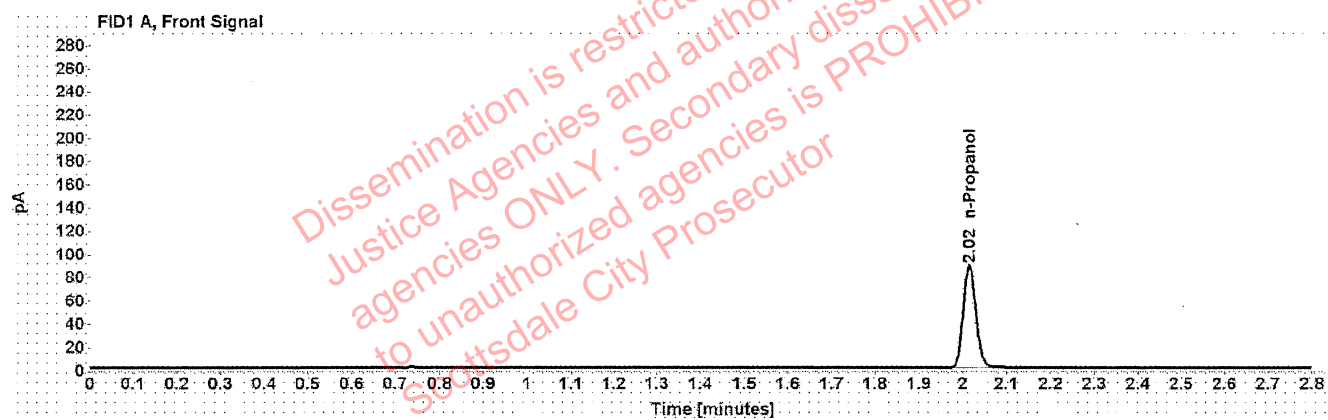


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	176.072

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	216.539

# 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> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 12:38:17 PM
<b>Data file:</b> C:\Chem32\1\Data\12Nov20\6.D	<b>Analyst:</b> Abbott <i>ph</i>

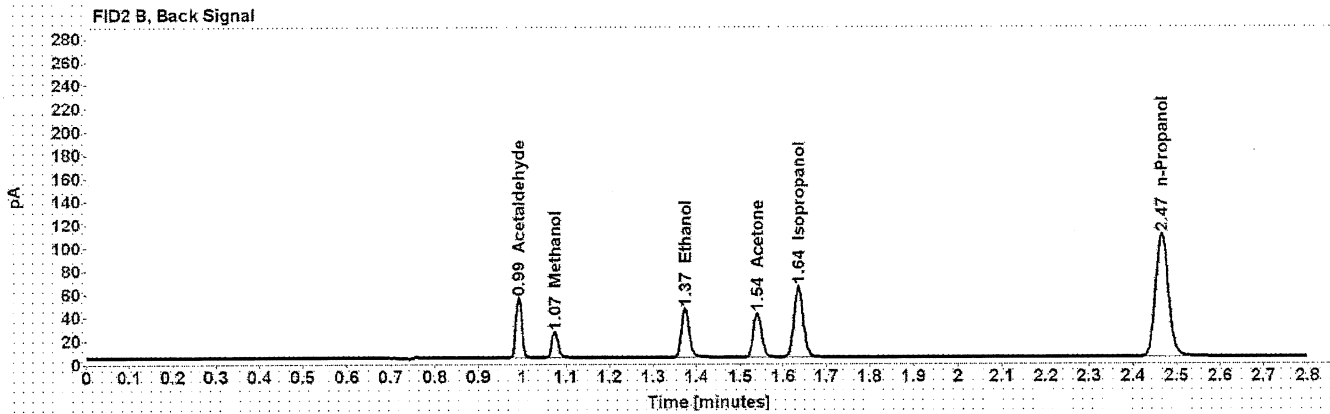
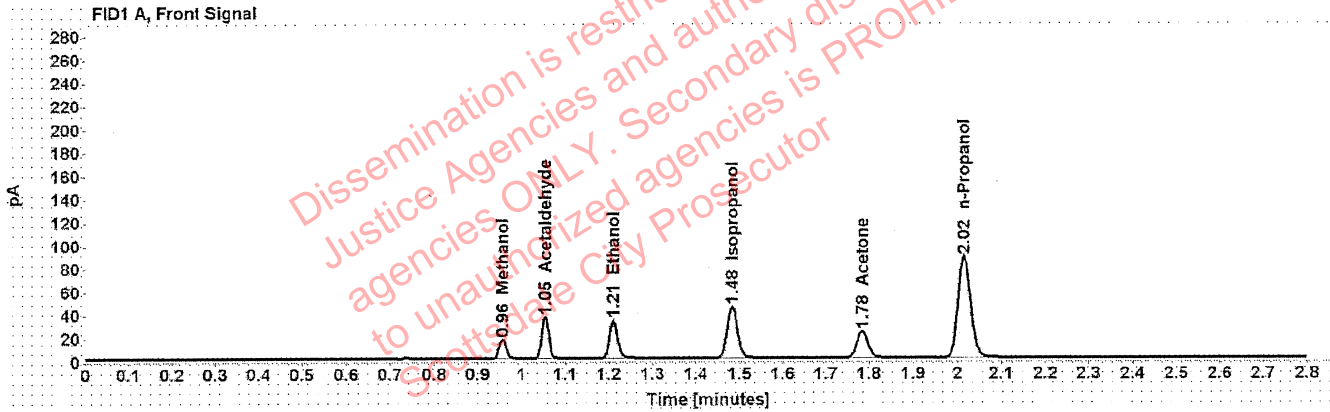


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.489
Acetaldehyde	-----	1.054	39.224
>Ethanol	0.0688	1.210	41.894
Isopropanol	-----	1.483	71.868
Acetone	-----	1.784	39.839
n-Propanol	-----	2.015	174.618

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	50.873
Methanol	1.075	23.730
Ethanol	1.373	52.226
Acetone	1.540	49.380
Isopropanol	1.635	92.142
n-Propanol	2.466	215.223



# 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> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 12:42:32 PM
<b>Data file:</b> C:\Chem32\1\Data\12Nov20\7.D	<b>Analyst:</b> Abbott <i>JA</i>

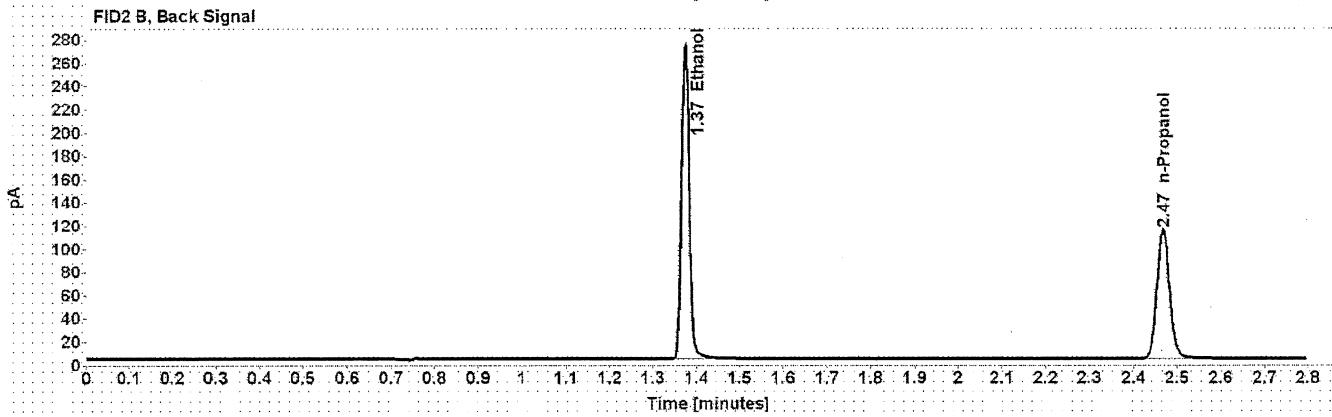
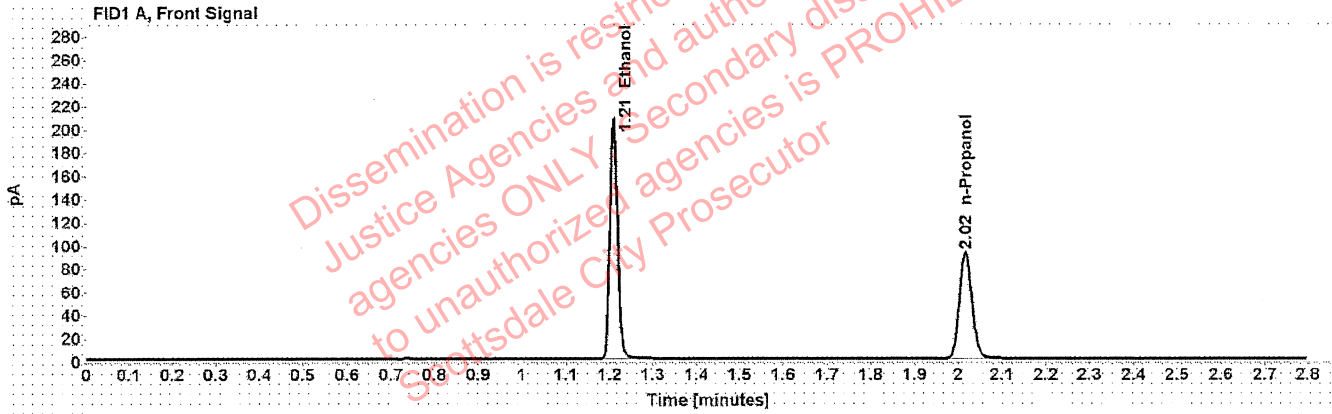


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4071	1.209	264.002
n-Propanol	-----	2.016	183.391

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

Compound	Time (min)	Peak Area
Ethanol	1.374	331.471
n-Propanol	2.468	226.238

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 8
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 12:46:32 PM
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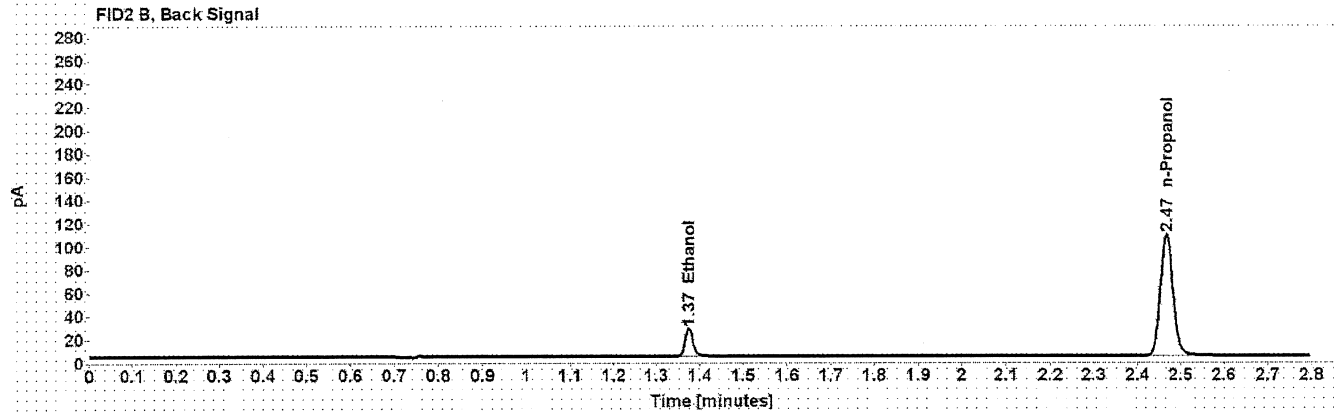
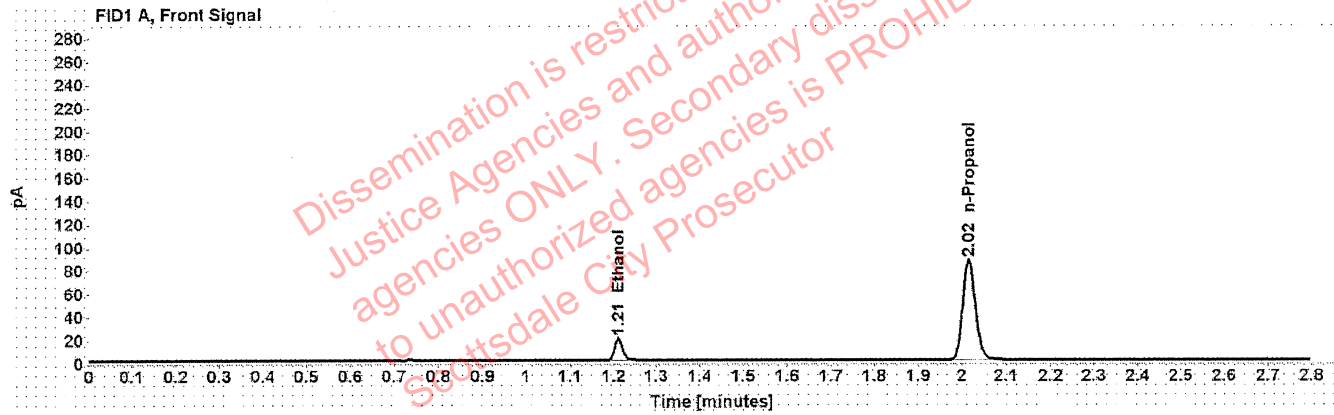


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.211	24.243
n-Propanol	-----	2.016	173.210

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.159
n-Propanol	2.467	212.996

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 9
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 12:50:32 PM
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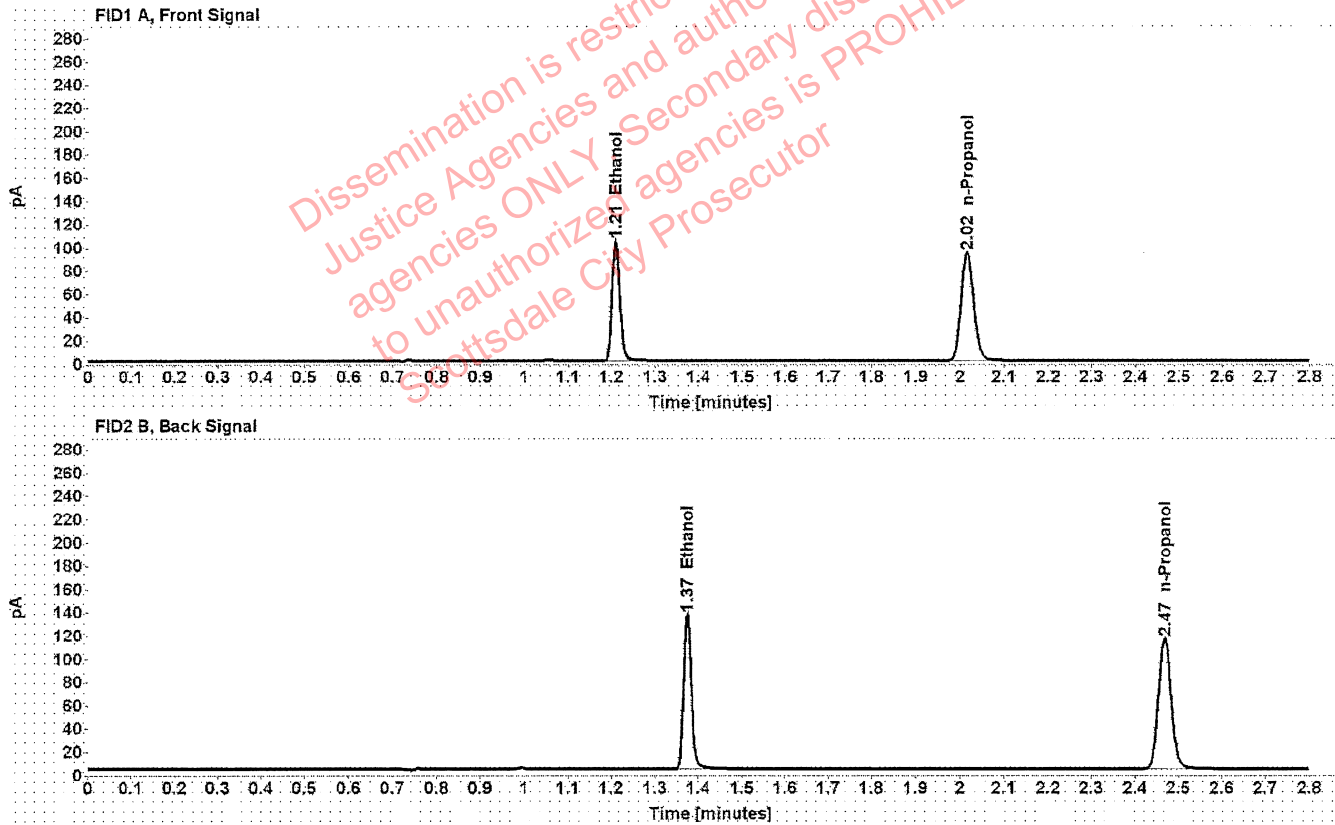


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2005	1.210	131.566
n-Propanol	-----	2.016	186.089

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

Compound	Time (min)	Peak Area
Ethanol	1.375	164.231
n-Propanol	2.468	229.133

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 03102016-A/1	<b>Vial:</b> 20
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 1:35:03 PM
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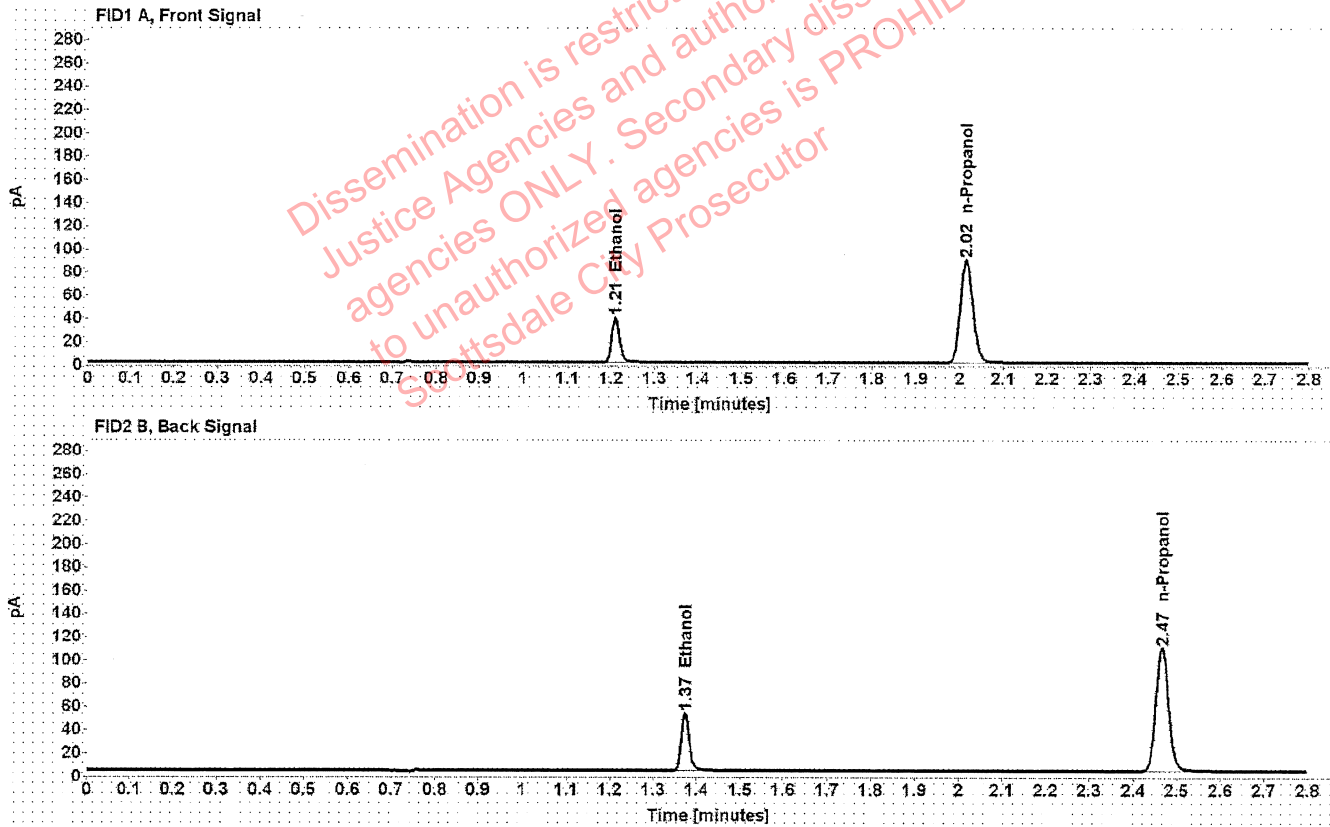


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	49.790
n-Propanol	-----	2.015	177.398

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.029
n-Propanol	2.466	217.463

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 12Nov20
Instrument: US14173023 CN14160045	Injection date: 11/12/2020 2:19:32 PM
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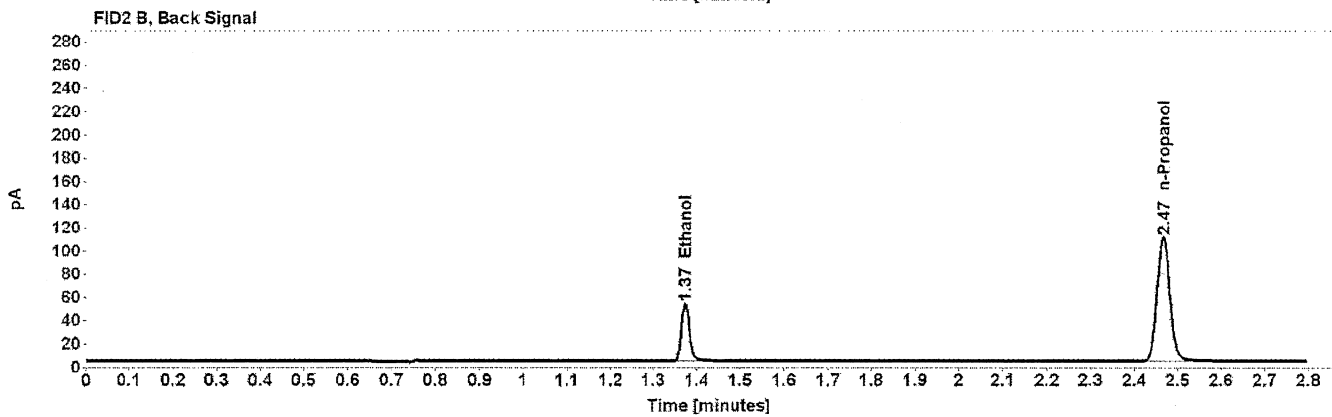
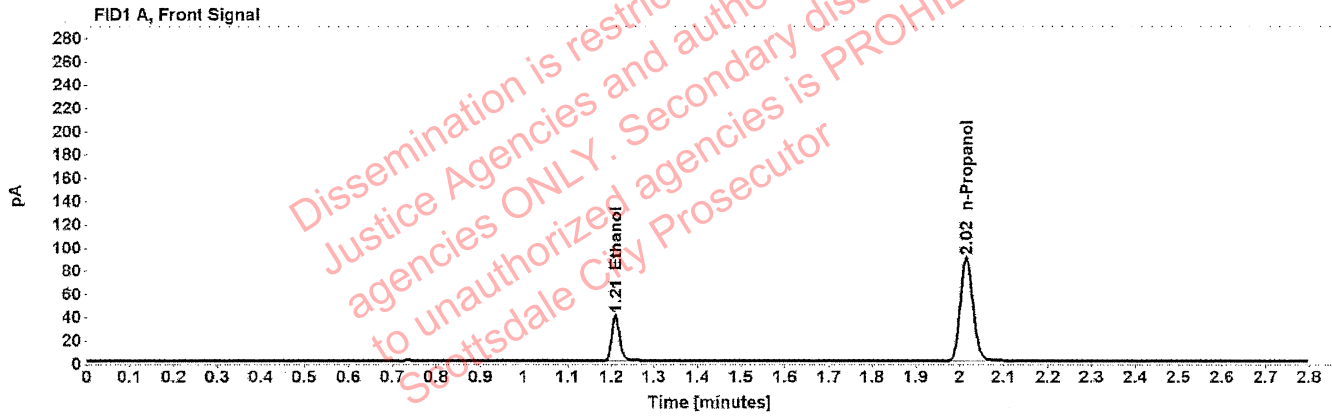


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.210	50.237
n-Propanol	-----	2.015	178.651

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.460
n-Propanol	2.466	218.518

# 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> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 3:03:48 PM
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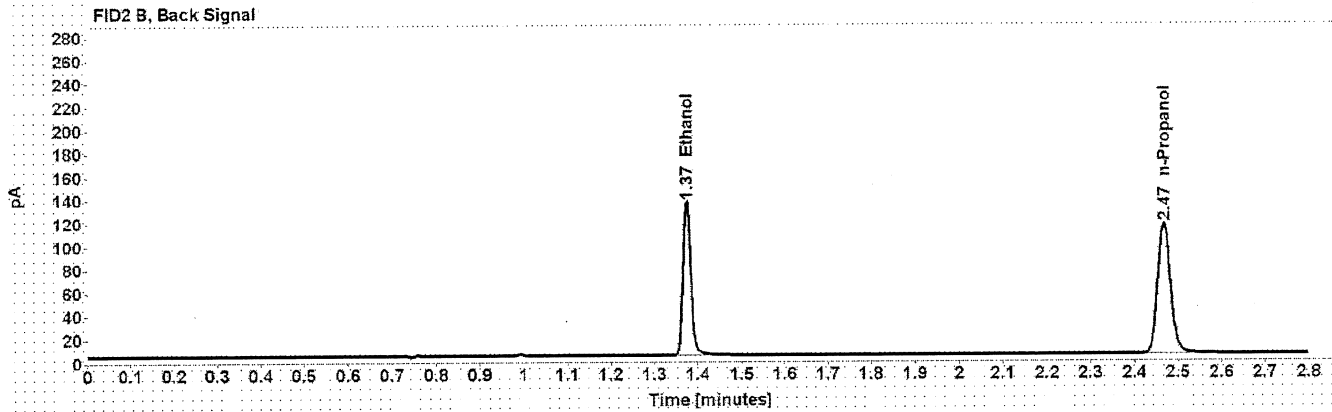
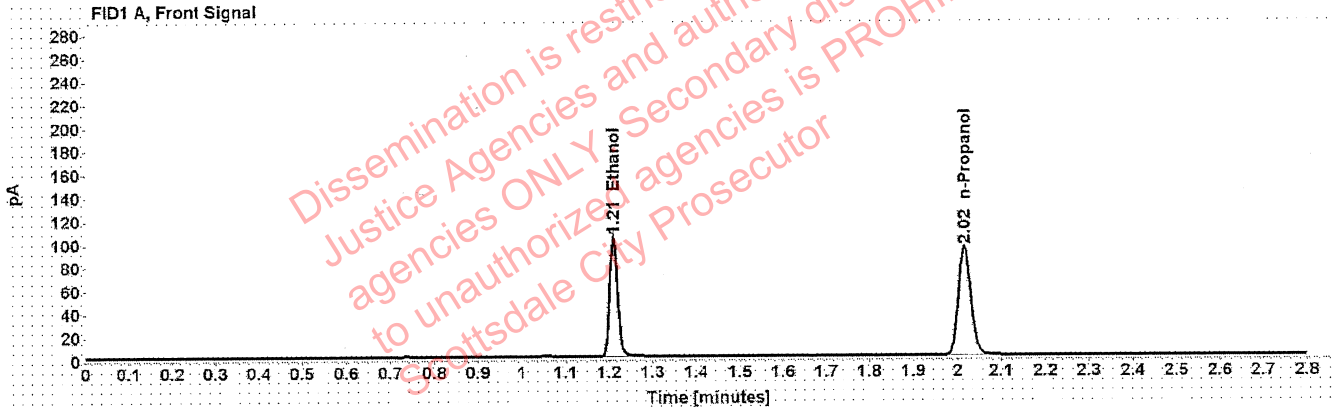


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.210	132.162
n-Propanol	-----	2.016	187.343

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

Compound	Time (min)	Peak Area
Ethanol	1.375	165.217
n-Propanol	2.468	229.655

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	11092018-A	<b>Vial:</b>	53
<b>Description:</b>	0.400	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	12Nov20
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	11/12/2020 3:48:17 PM
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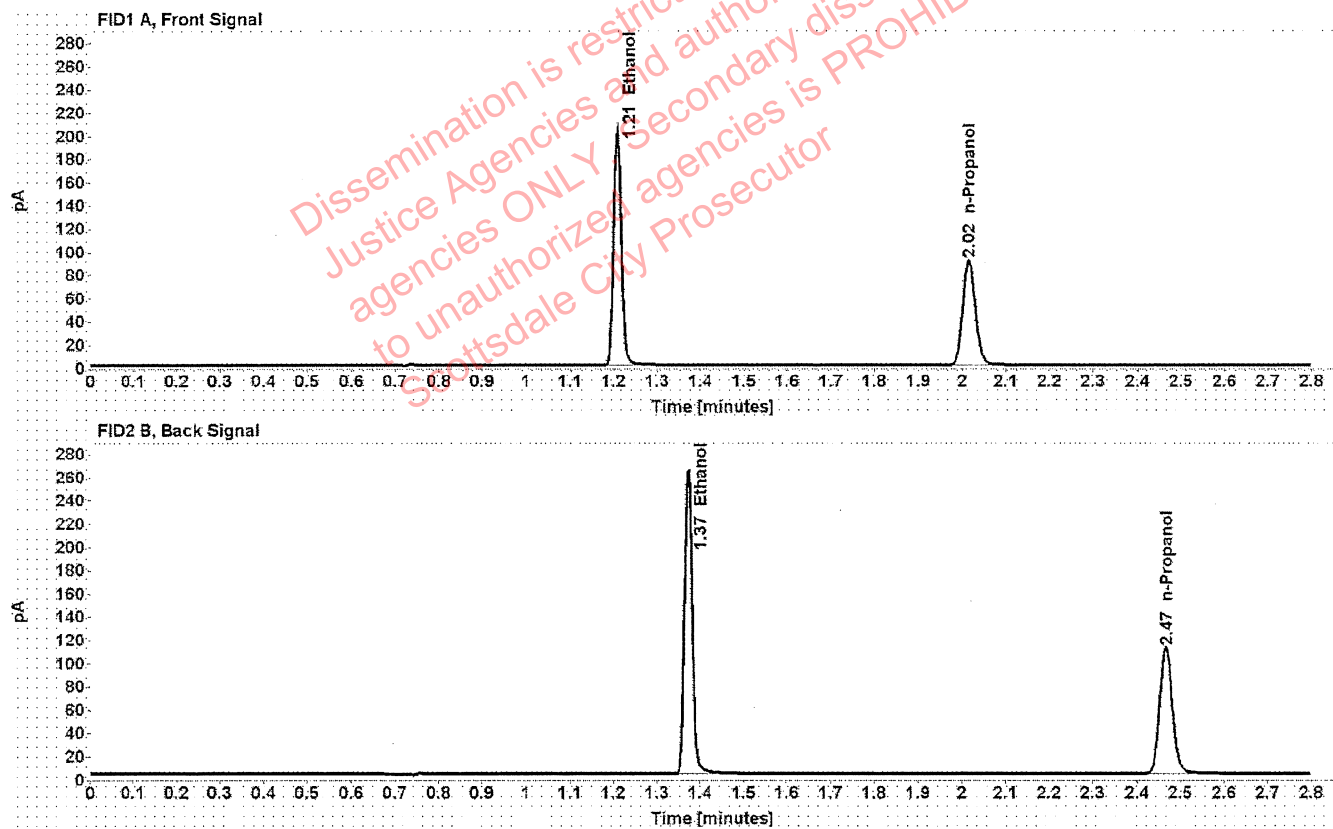


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4027	1.208	257.724
n-Propanol	-----	2.015	180.983

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

Compound	Time (min)	Peak Area
Ethanol	1.373	322.830
n-Propanol	2.466	222.348

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:52:17 PM
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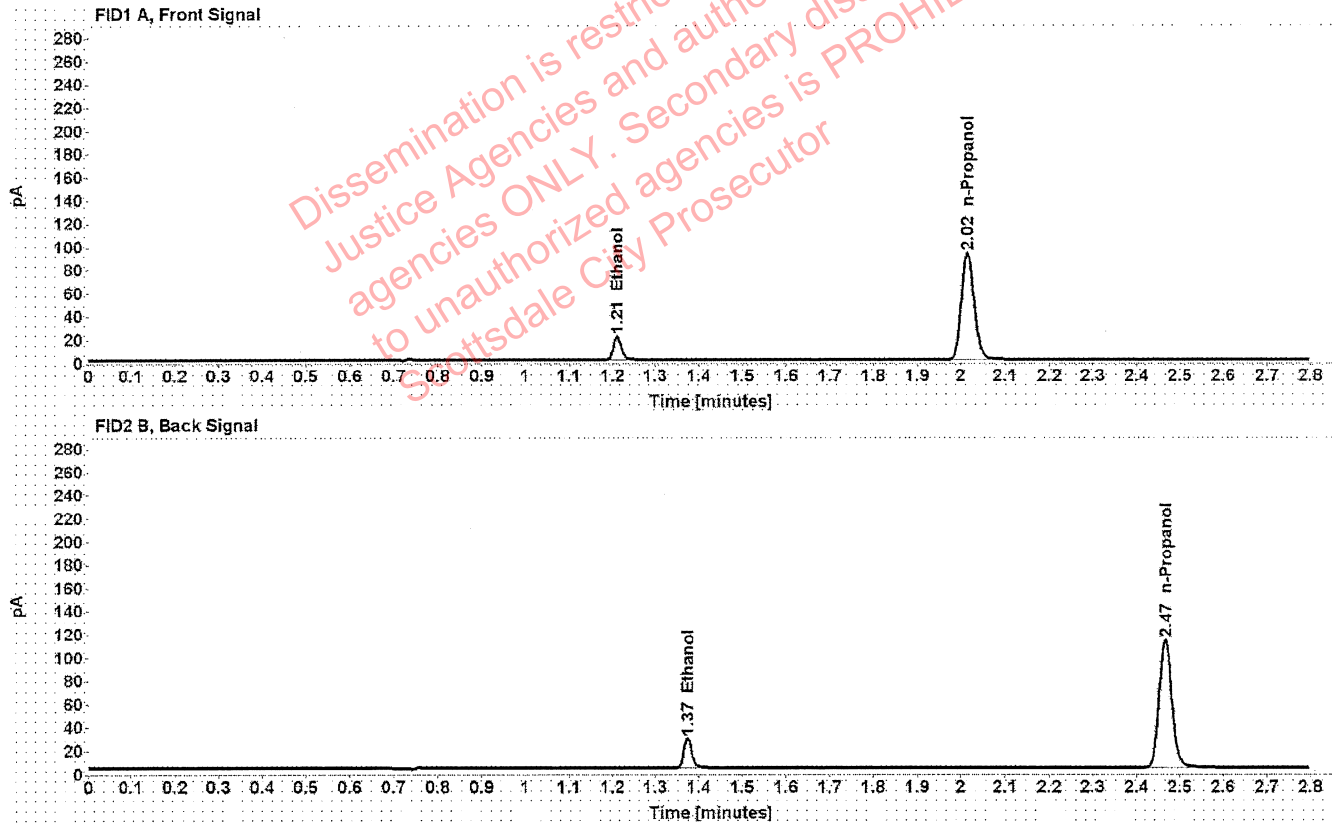


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.211	26.164
n-Propanol	-----	2.015	184.443

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

Compound	Time (min)	Peak Area
Ethanol	1.374	32.376
n-Propanol	2.466	225.639



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 407041529/13	<b>Vial:</b> 55
<b>Description:</b> 0.198	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 3:56:32 PM
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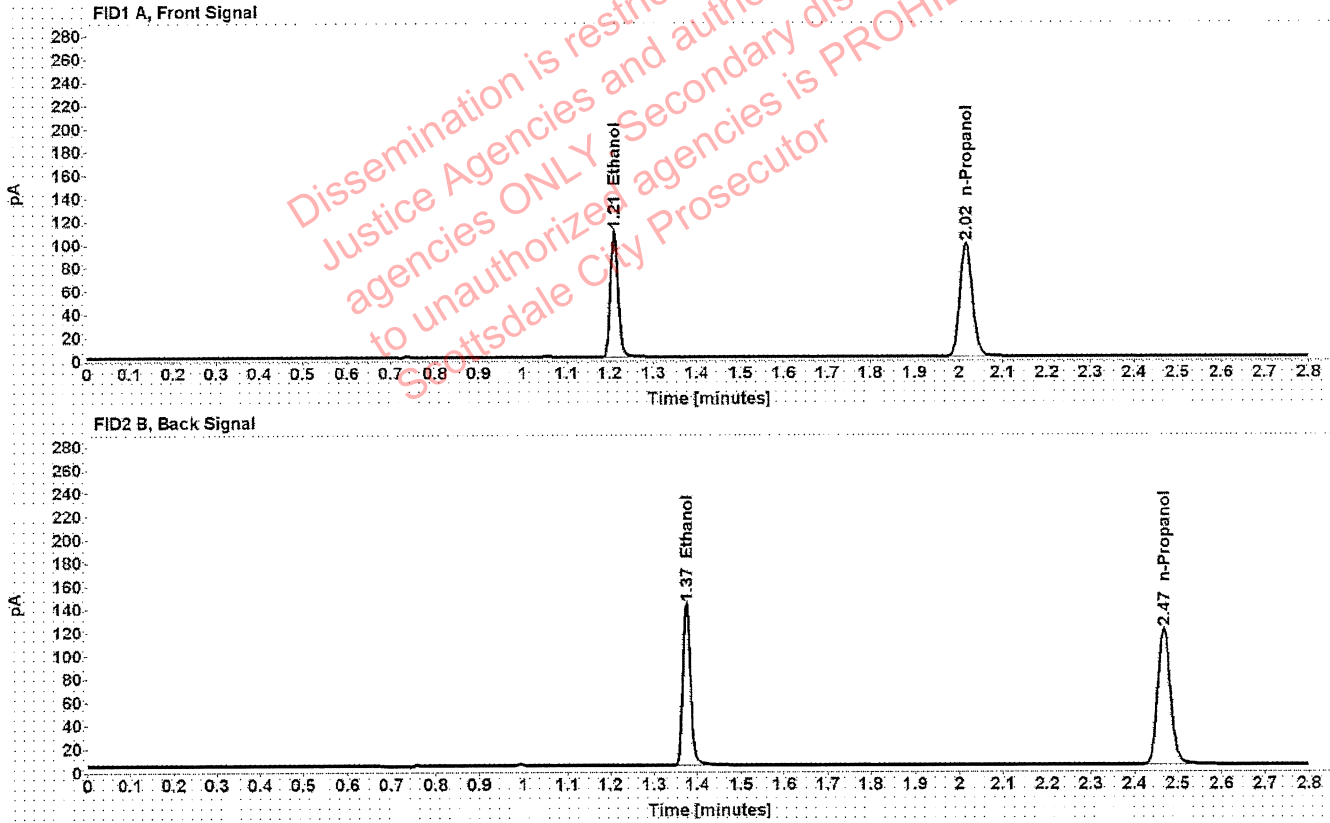


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2013	1.210	138.586
n-Propanol	-----	2.016	195.307

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

Compound	Time (min)	Peak Area
Ethanol	1.375	173.139
n-Propanol	2.468	239.294

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 040919WB	<b>Vial:</b> 56
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 12Nov20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 11/12/2020 4:00:33 PM
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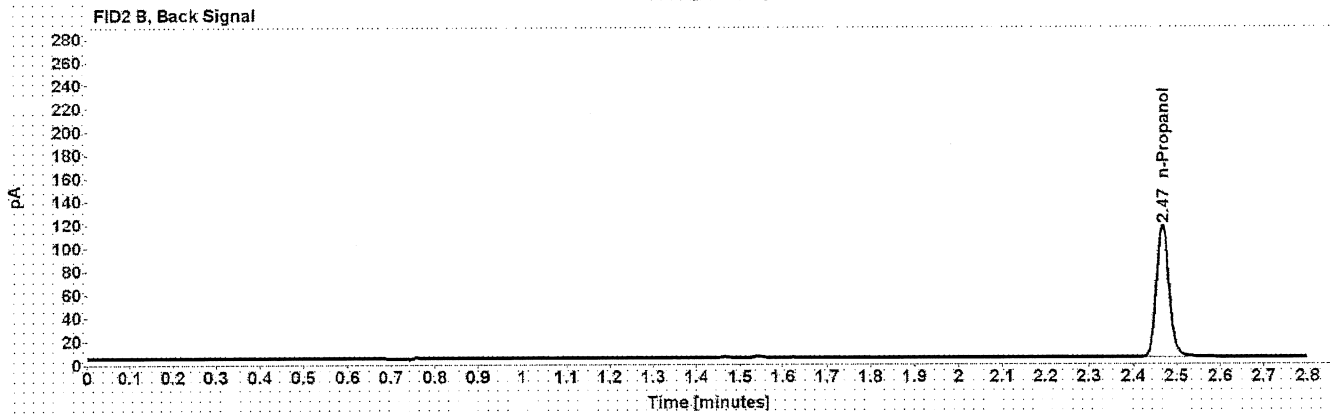
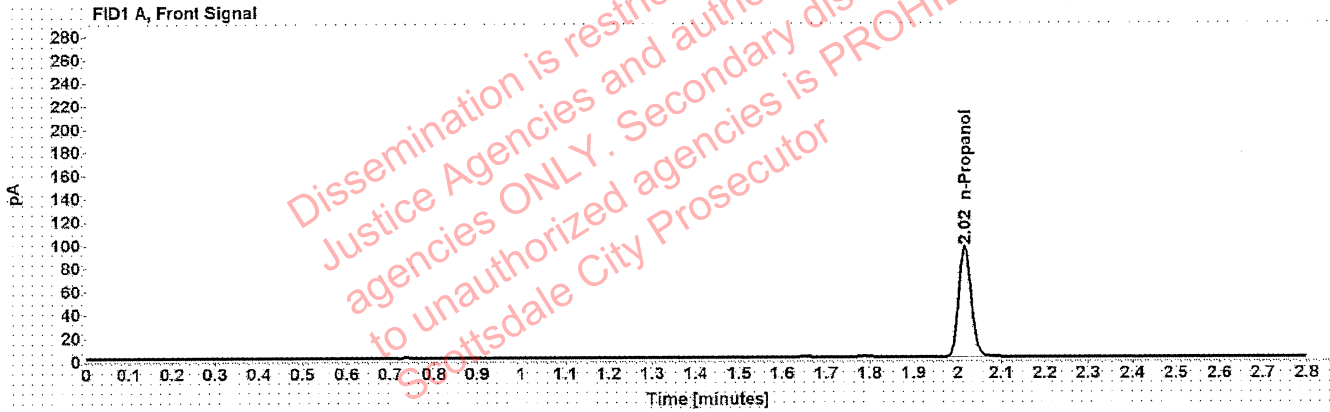


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	189.472

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	232.053

# Sequence Summary

Sequence name: 12Nov20      Instrument: US14173023 CN14160045      Analyst: Abbott *da*

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	071420AQ	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	1344726		Sample		ethanol quant.M
11	1344726		Sample		ethanol quant.M
12	1345355		Sample		ethanol quant.M
13	1345355		Sample		ethanol quant.M
14	1303583		Sample		ethanol quant.M
15	1303583		Sample		ethanol quant.M
16	36201LW		Sample		ethanol quant.M
17	36201LW		Sample		ethanol quant.M
18	36401CC		Sample		ethanol quant.M
19	36401CC		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	34001DN		Sample		ethanol quant.M
22	34001DN		Sample		ethanol quant.M
23	32001JP		Sample		ethanol quant.M
24	32001JP		Sample		ethanol quant.M
25	32701II		Sample		ethanol quant.M
26	32701II		Sample		ethanol quant.M
27	32001AC		Sample		ethanol quant.M
28	32001AC		Sample		ethanol quant.M
29	34001KM		Sample		ethanol quant.M
30	34001KM		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	33801IG		Sample		ethanol quant.M
33	33801IG		Sample		ethanol quant.M
34	33801EA		Sample		ethanol quant.M
35	33801EA		Sample		ethanol quant.M
36	36201ZD		Sample		ethanol quant.M
37	36201ZD		Sample		ethanol quant.M
38	32001PS		Sample		ethanol quant.M
39	32001PS		Sample		ethanol quant.M
40	1346062		Sample		ethanol quant.M
41	1346062		Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43	1345454		Sample		ethanol quant.M
44	1345454		Sample		ethanol quant.M
45	1344389		Sample		ethanol quant.M
46	1344389		Sample		ethanol quant.M
47	1332164		Sample		ethanol quant.M

# Sequence Summary

48	1332164		Sample		ethanol quant.M
49	1342355		Sample		ethanol quant.M
50	1342355		Sample		ethanol quant.M
51	1327739		Sample		ethanol quant.M
52	1327739		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	040919WB	Negative	Control		ethanol quant.M

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 12Nov20


ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2360	0.2347	0.23535	0.28	0.00065
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.1106	0.1114	0.11100	0.36	0.00040
16 17	0.2468	0.2472	0.24700	0.08	0.00020
18 19	0.1824	0.1837	0.18305	0.36	0.00065
21 22	0.1997	0.2001	0.19990	0.10	0.00020
23 24	0.1596	0.1604	0.16000	0.25	0.00040
25 26	0.1838	0.1865	0.18515	0.73	0.00135
27 28	0.1575	0.1587	0.15810	0.38	0.00060
29 30	0.1436	0.1436	0.14360	0.00	0.00000
32 33	0.1536	0.1533	0.15345	0.10	0.00015
34 35	0.1144	0.1130	0.11370	0.62	0.00070
36 37	0.1792	0.1770	0.17810	0.62	0.00110
38 39	0.1001	0.1005	0.10030	0.20	0.00020
40 41	0.2256	0.2268	0.22620	0.27	0.00060
43 44	0.0919	0.0921	0.09200	0.11	0.00010
45 46	0.2204	0.2197	0.22005	0.16	0.00035
47 48	0.0000	0.0000	0.00000	0.00	0.00000
49 50	0.2319	0.2330	0.23245	0.24	0.00055
51 52	0.2585	0.2578	0.25815	0.14	0.00035

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

## Scottsdale Forensic Lab

### Blood Alcohol Pipetting Log

**ANALYST:** Abbott 

**SEQUENCE:** 12Nov20

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1344726	1344726	1344726	Yes
Vials 12 and 13	1345355	1345355	1345355	Yes
Vials 14 and 15	1303583	1303583	1303583	Yes
Vials 16 and 17	36201LW	36201LW	36201LW	Yes
Vials 18 and 19	36401CC	36401CC	36401CC	Yes
Vials 21 and 22	34001DN	34001DN	34001DN	Yes
Vials 23 and 24	32001JP	32001JP	32001JP	Yes
Vials 25 and 26	32701II	32701II	32701II	Yes
Vials 27 and 28	32001AC	32001AC	32001AC	Yes
Vials 29 and 30	34001KM	34001KM	34001KM	Yes
Vials 32 and 33	33801IG	33801IG	33801IG	Yes
Vials 34 and 35	33801EA	33801EA	33801EA	Yes
Vials 36 and 37	36201ZD	36201ZD	36201ZD	Yes
Vials 38 and 39	32001PS	32001PS	32001PS	Yes
Vials 40 and 41	1346062	1346062	1346062	Yes
Vials 43 and 44	1345454	1345454	1345454	Yes
Vials 45 and 46	1344389	1344389	1344389	Yes
Vials 47 and 48	1332164	1332164	1332164	Yes
Vials 49 and 50	1342355	1342355	1342355	Yes
Vials 51 and 52	1327739	1327739	1327739	Yes

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344726	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 12:54:32 PM
Data file:	C:\Chem32\1\Data\12Nov20\10.D	Analyst:	Abbott

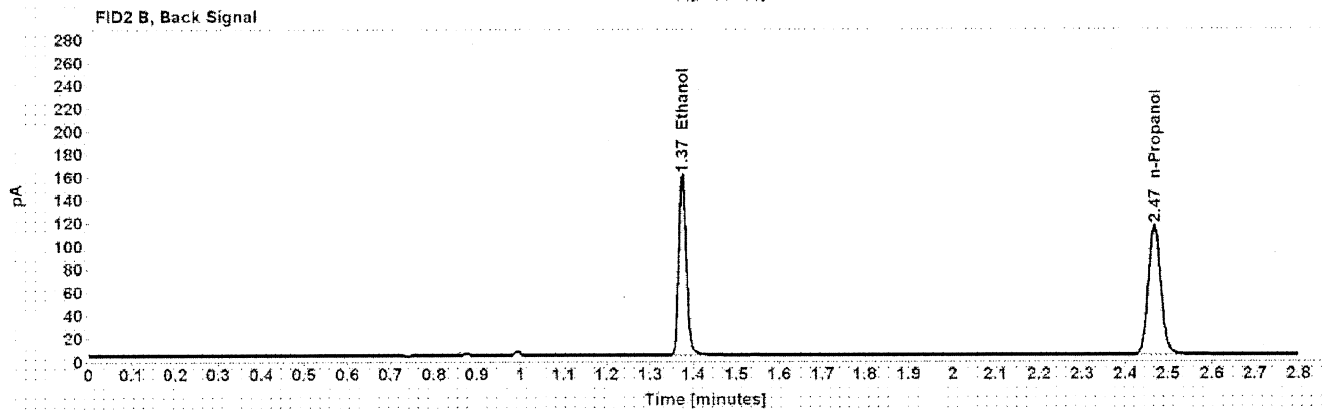
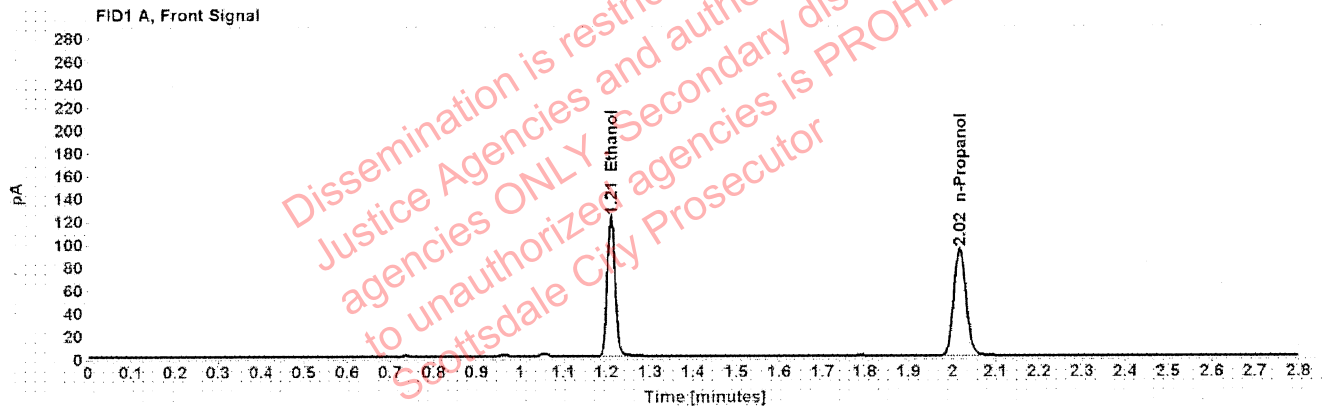


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2360	1.210	154.628
n-Propanol	-----	2.016	185.704

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

Compound	Time (min)	Peak Area
Ethanol	1.375	193.740
n-Propanol	2.468	228.084

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344726	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 12:58:32 PM
Data file:	C:\Chem32\1\Data\12Nov20\11.D	Analyst:	Abbott

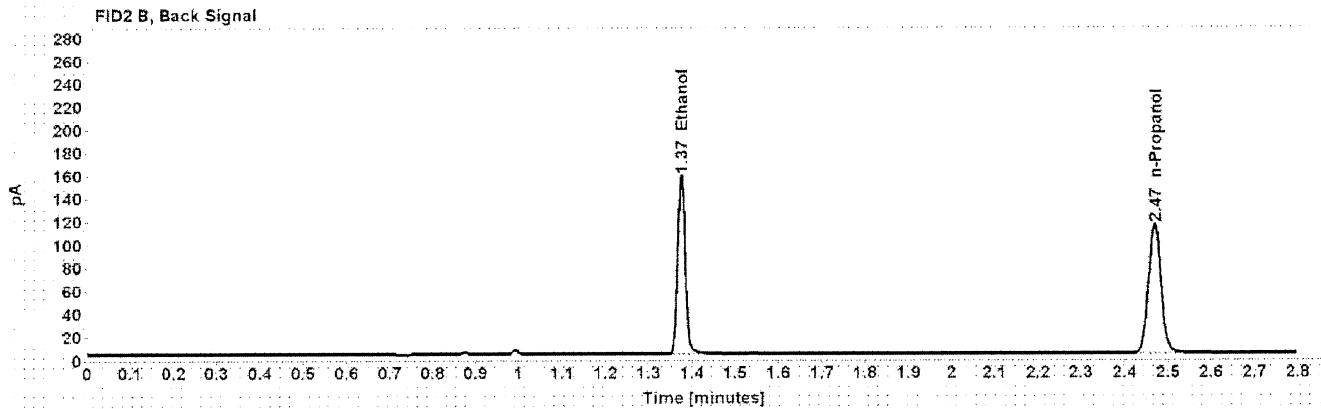
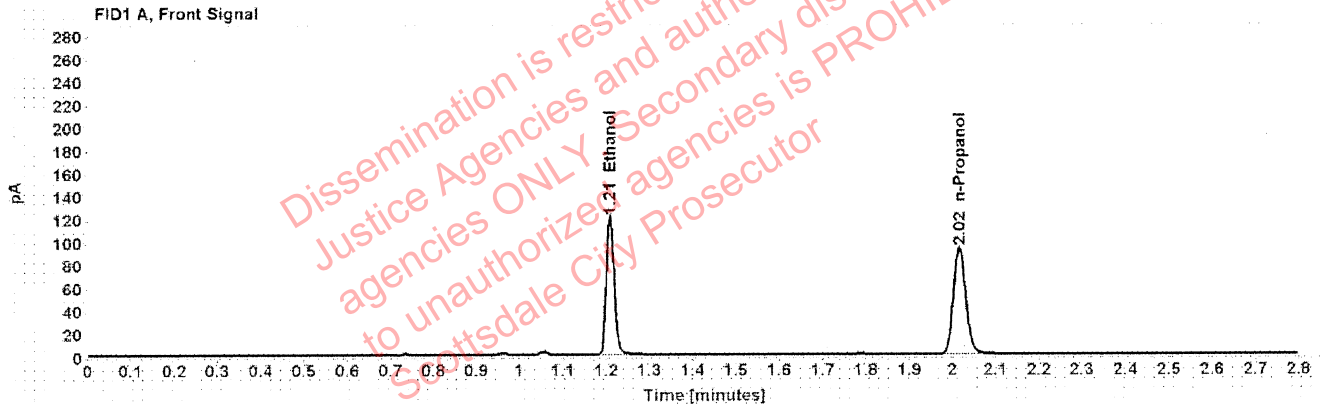


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2347	1.210	153.201
n-Propanol	-----	2.016	184.992

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

Compound	Time (min)	Peak Area
Ethanol	1.374	191.709
n-Propanol	2.468	227.343



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345355	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:02:33 PM
Data file:	C:\Chem32\1\Data\12Nov20\12.D	Analyst:	Abbott

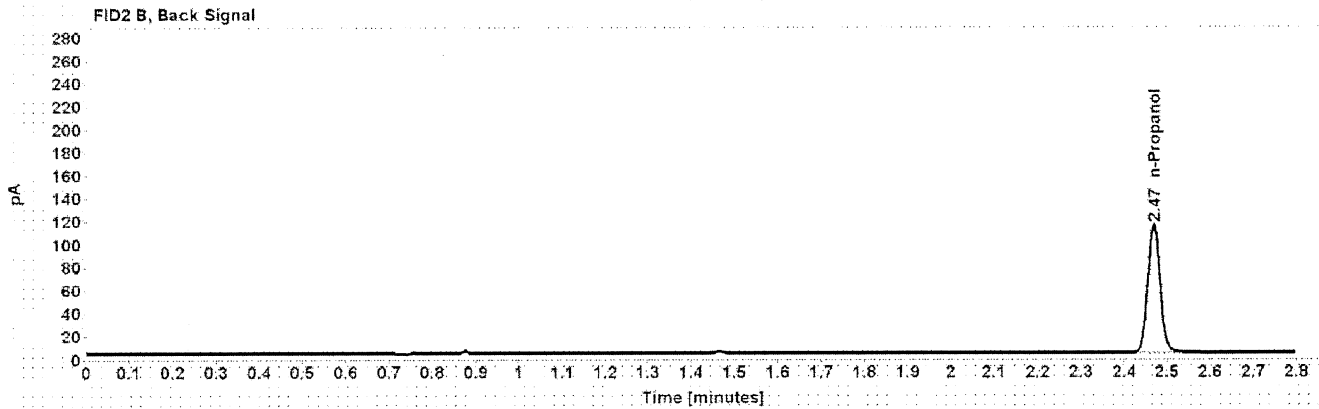
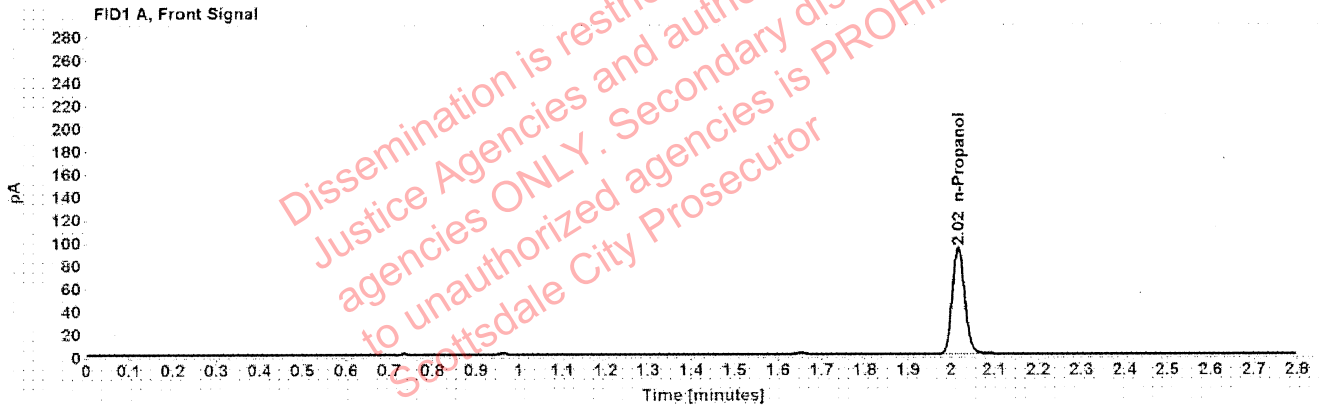


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	185.158

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	227.806

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345355	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:06:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\13.D	Analyst:	Abbott

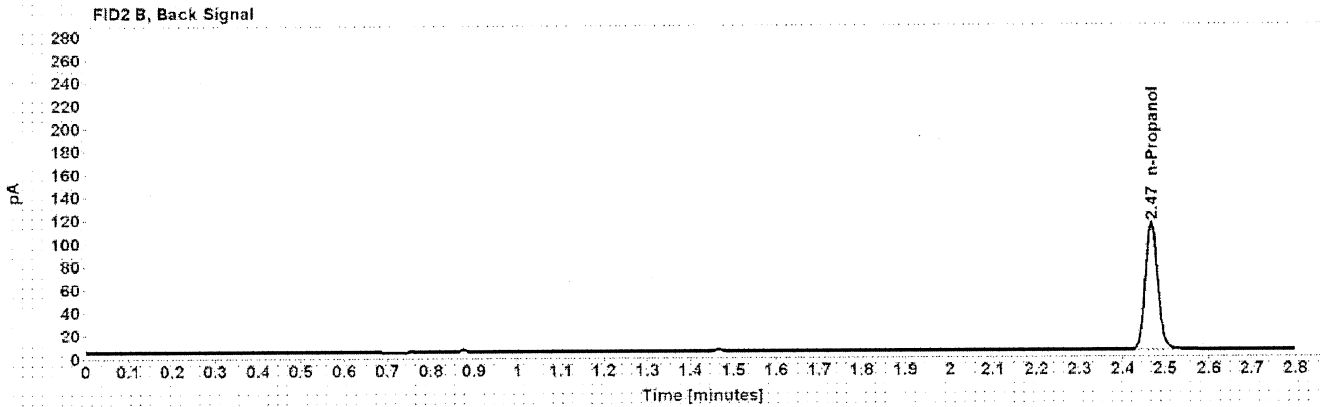
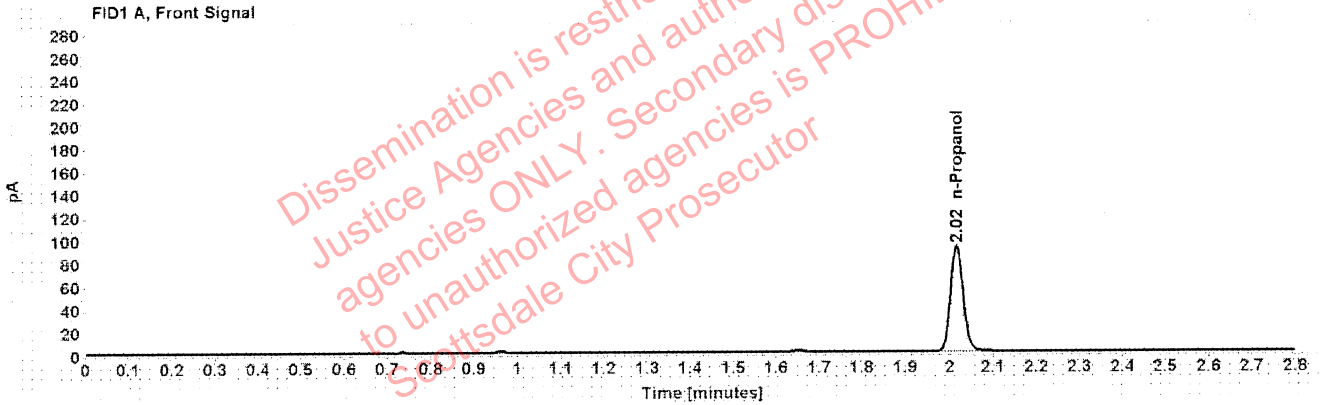


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	183.512

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	225.178

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303583	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:10:47 PM
Data file:	C:\Chem32\1\Data\12Nov20\14.D	Analyst:	Abbott

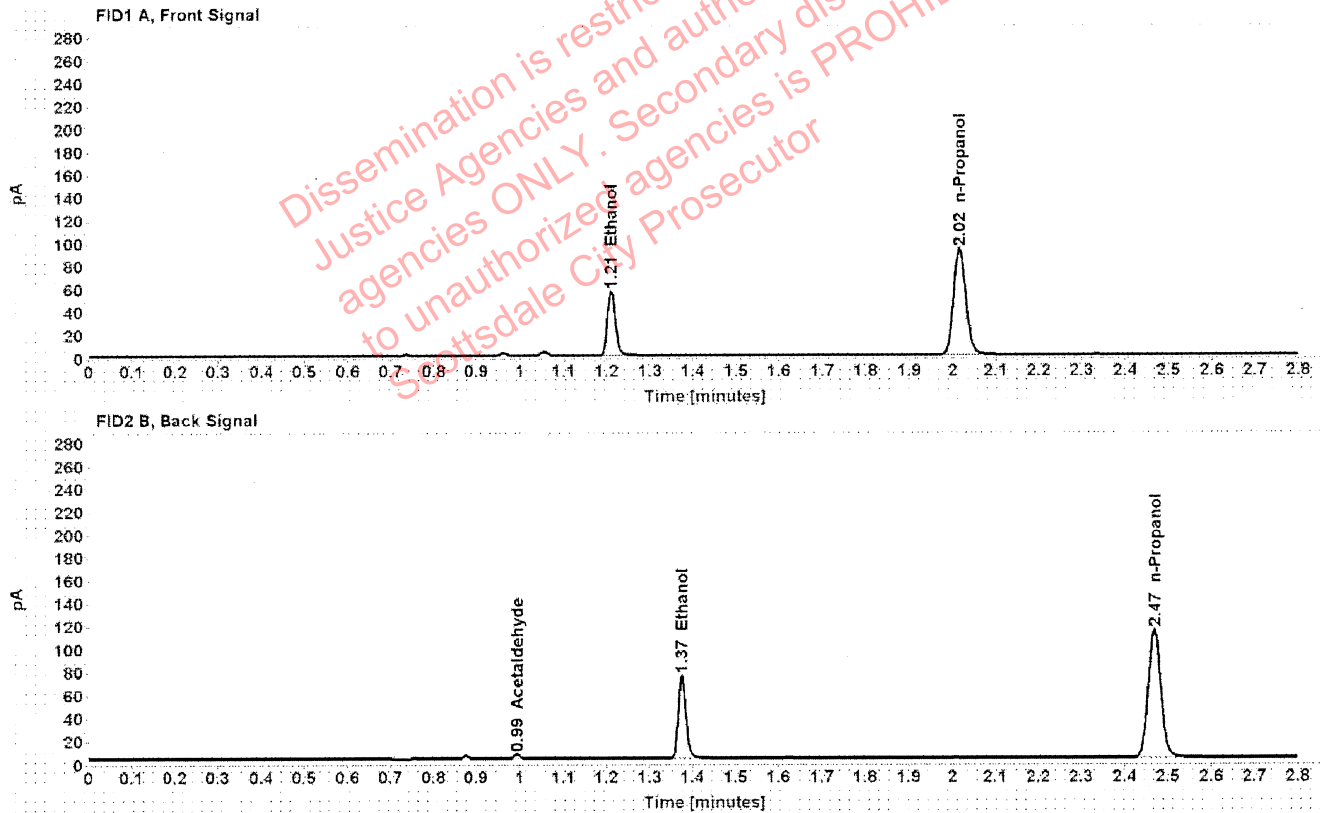


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1106	1.210	71.623
n-Propanol	-----	2.016	184.545

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.954
Ethanol	1.375	88.918
n-Propanol	2.468	226.921

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1303583	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:14:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\15.D	Analyst:	Abbott

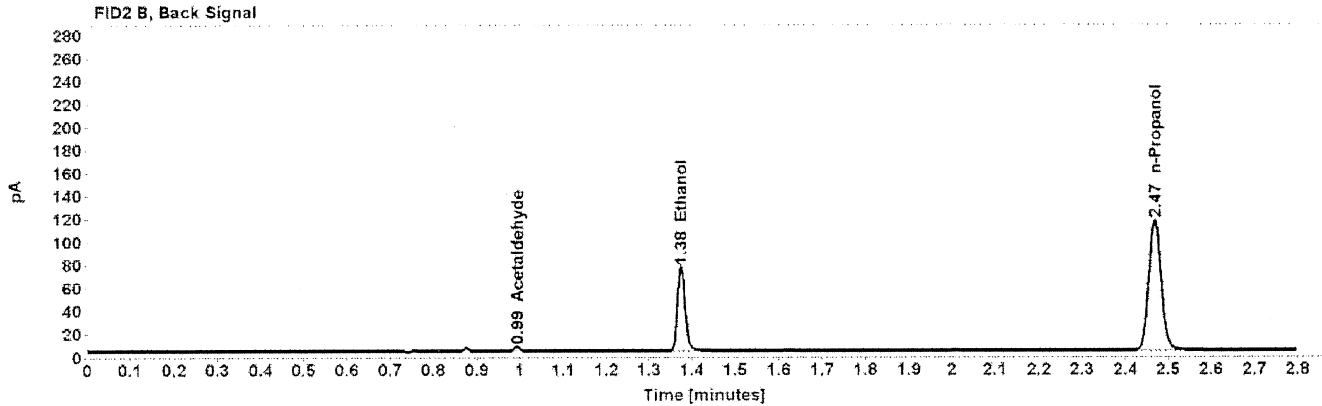
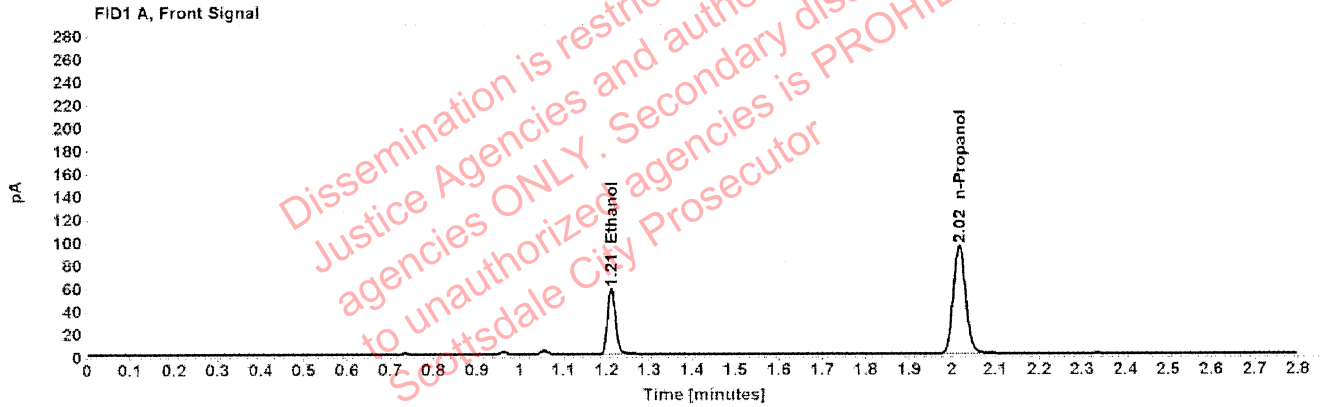


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1114	1.211	73.241
n-Propanol	-----	2.016	187.438

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.997
Ethanol	1.375	90.871
n-Propanol	2.468	230.648

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201LW	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:18:47 PM
Data file:	C:\Chem32\1\Data\12Nov20\16.D	Analyst:	Abbott

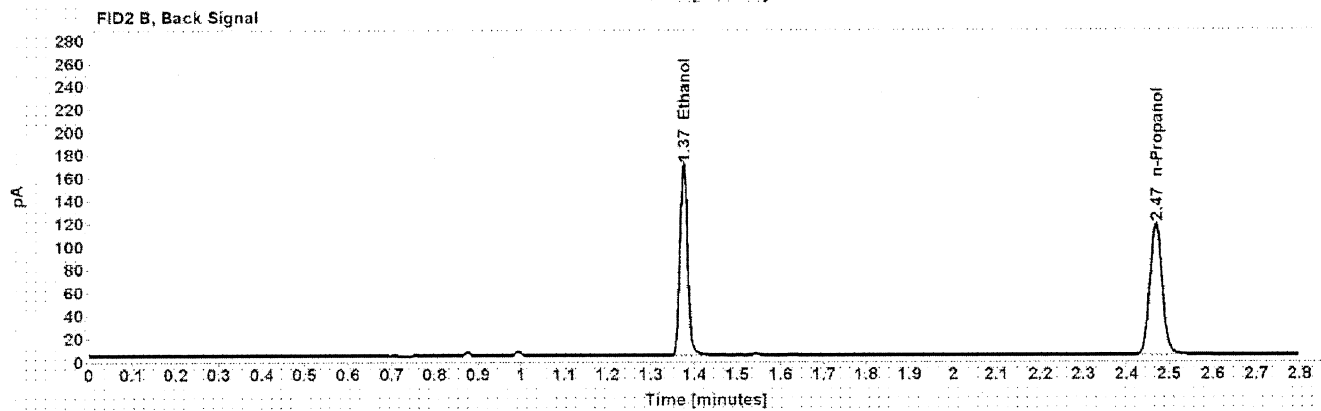
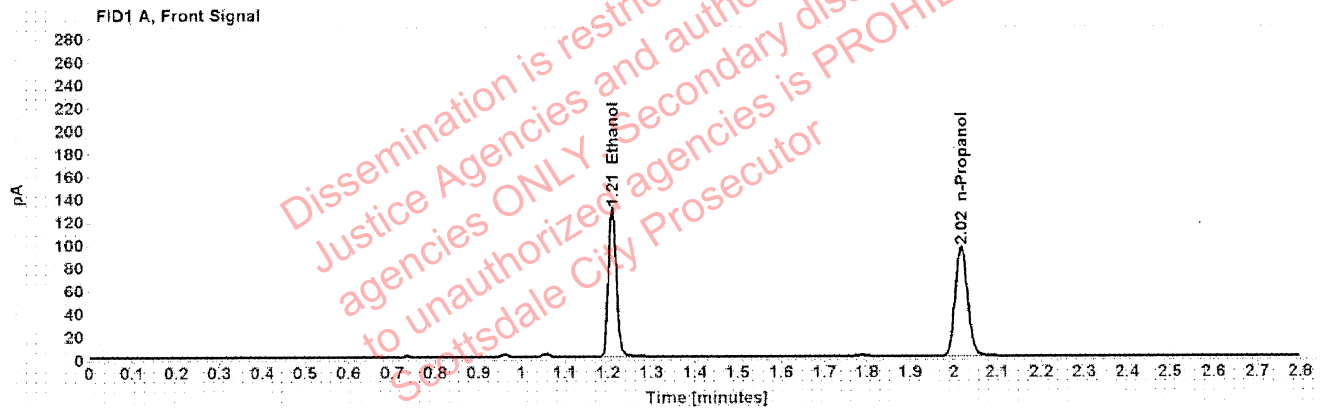


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2468	1.210	164.807
n-Propanol	-----	2.016	189.196

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

Compound	Time (min)	Peak Area
Ethanol	1.375	206.105
n-Propanol	2.468	232.511

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201LW	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:22:47 PM
Data file:	C:\Chem32\1\Data\12Nov20\17.D	Analyst:	Abbott

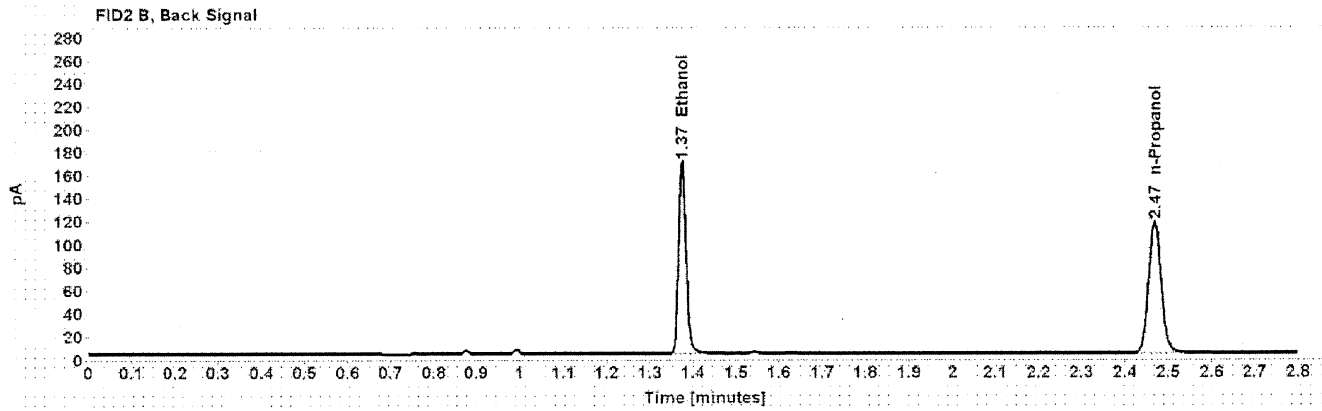
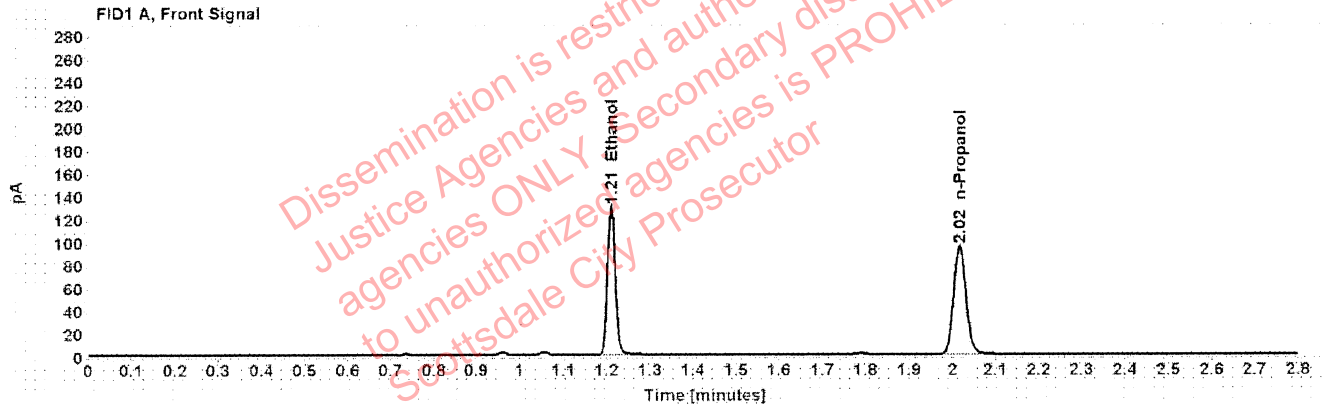


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2472	1.210	164.767
n-Propanol	-----	2.016	188.835

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

Compound	Time (min)	Peak Area
Ethanol	1.375	207.370
n-Propanol	2.468	232.028

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36401CC	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:26:47 PM
Data file:	C:\Chem32\1\Data\12Nov20\18.D	Analyst:	Abbott

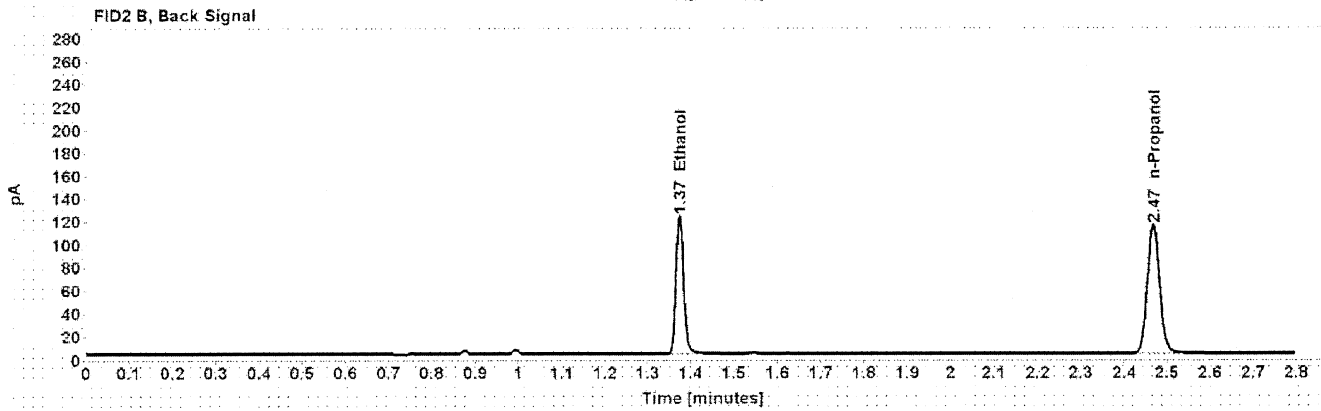
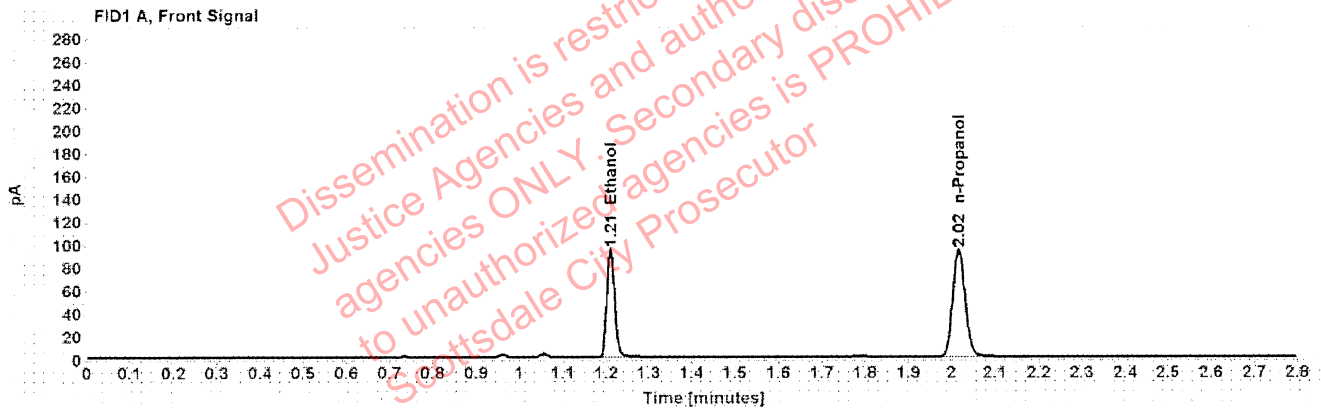


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1824	1.210	119.305
n-Propanol	-----	2.016	185.604

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

Compound	Time (min)	Peak Area
Ethanol	1.375	148.775
n-Propanol	2.468	227.910

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36401CC	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:31:02 PM
Data file:	C:\Chem32\1\Data\12Nov20\19.D	Analyst:	Abbott

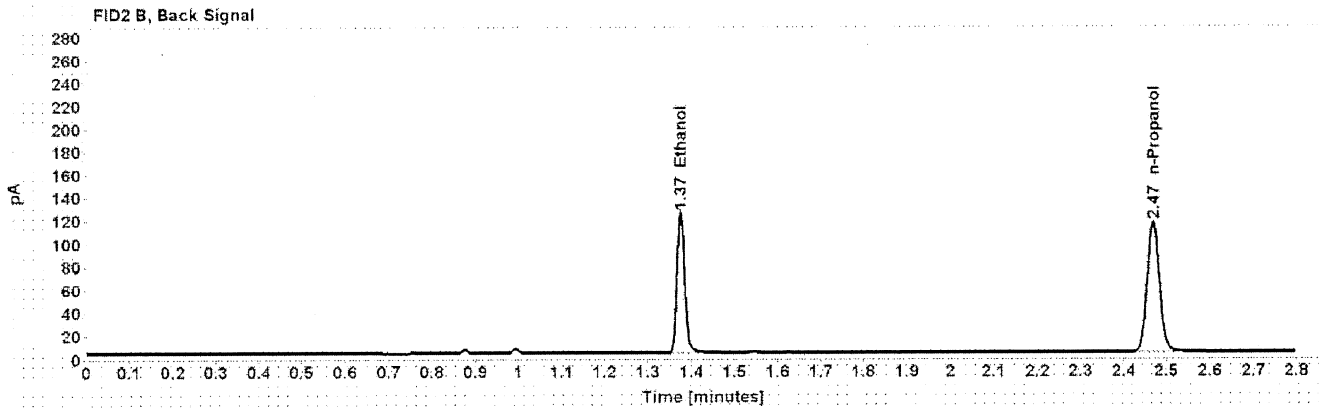
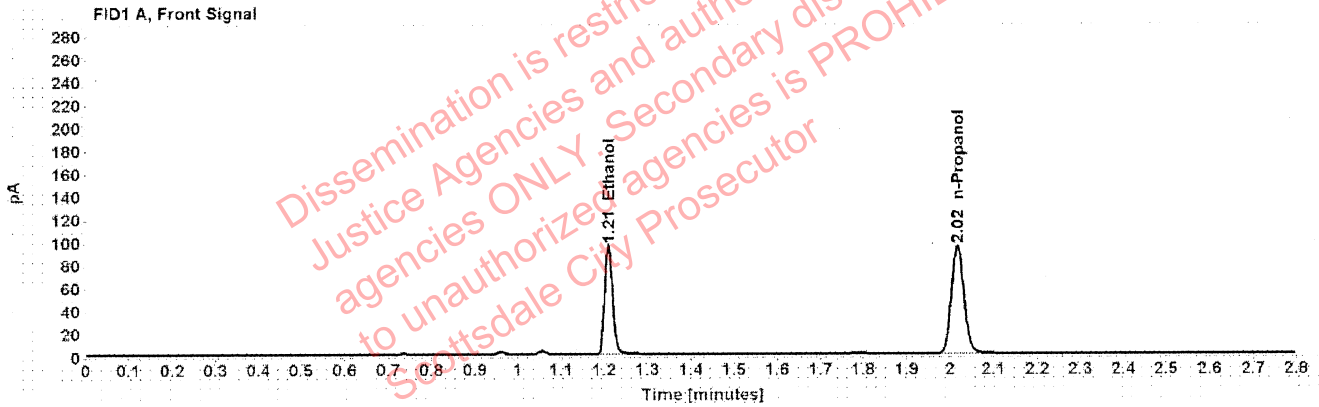


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1837	1.210	121.244
n-Propanol	-----	2.016	187.258

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

Compound	Time (min)	Peak Area
Ethanol	1.375	151.015
n-Propanol	2.468	229.906



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001DN	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:39:02 PM
Data file:	C:\Chem32\1\Data\12Nov20\21.D	Analyst:	Abbott

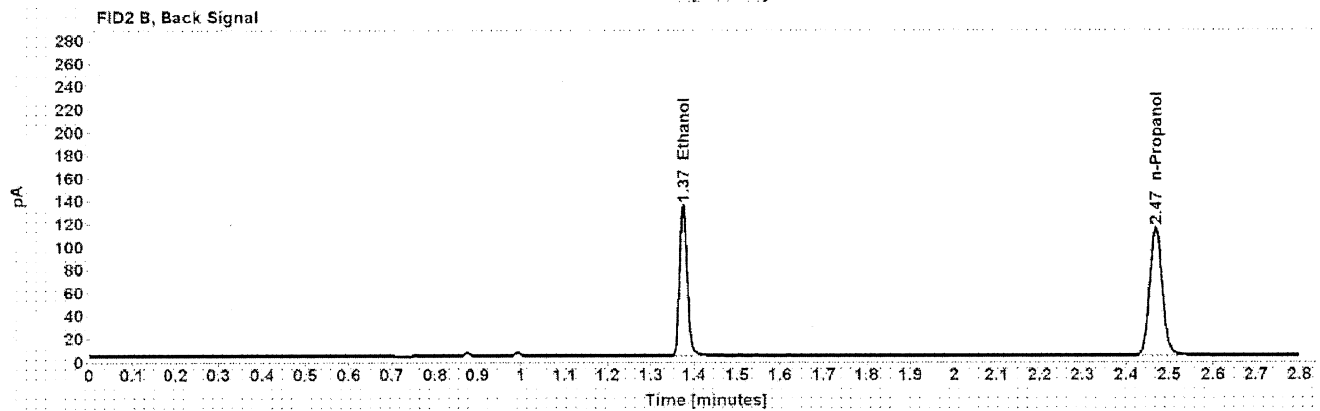
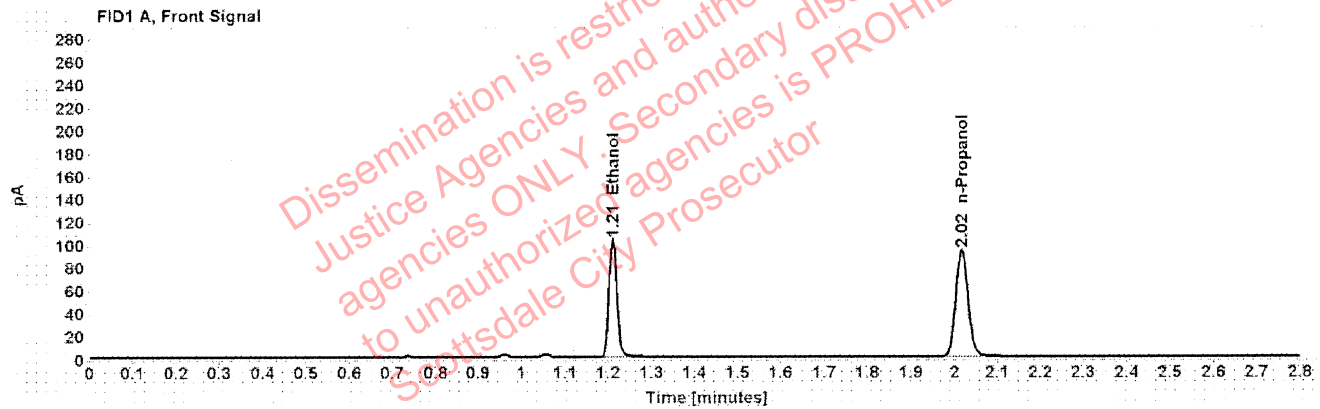


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.210	130.741
n-Propanol	-----	2.016	185.734

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

Compound	Time (min)	Peak Area
Ethanol	1.375	164.549
n-Propanol	2.468	227.986

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001DN	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:43:02 PM
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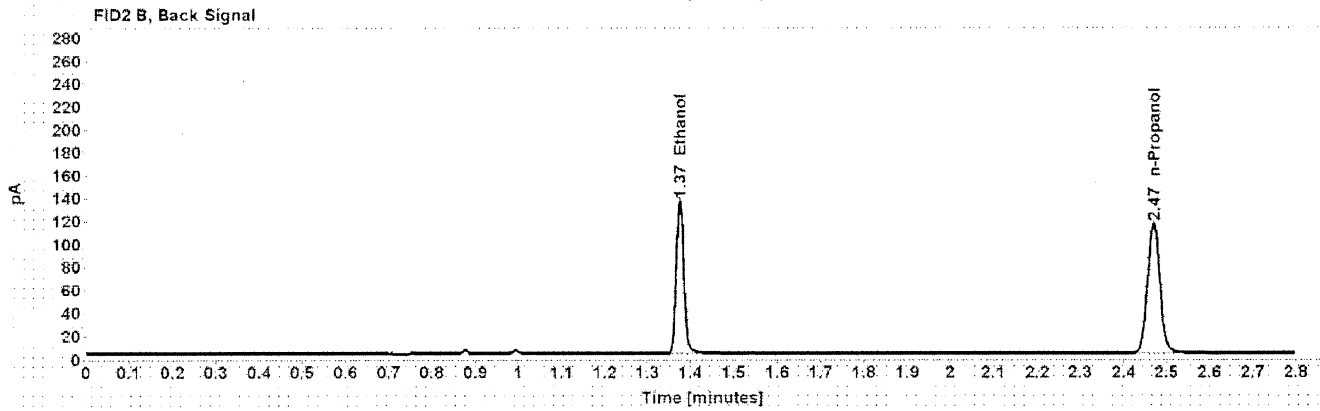
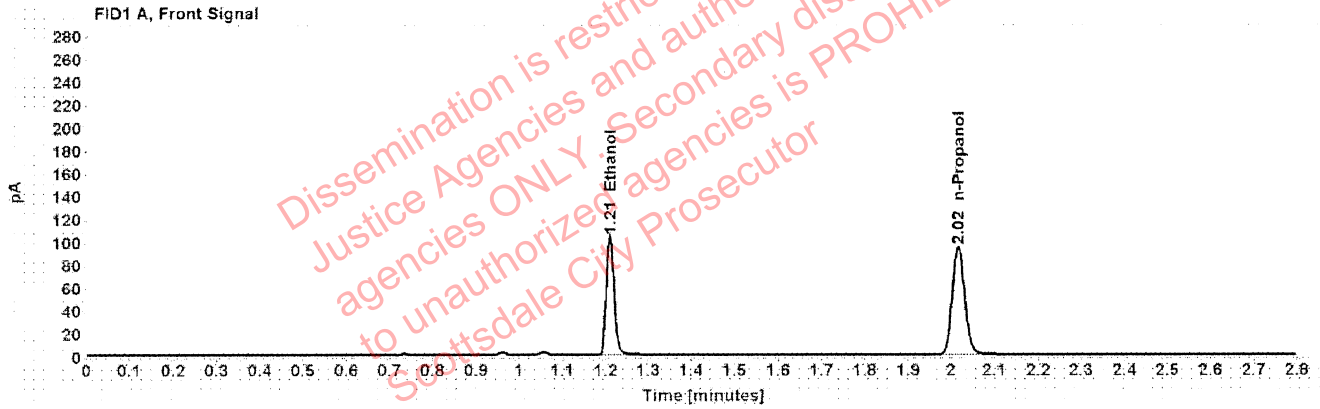


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2001	1.210	132.398
n-Propanol	-----	2.016	187.630

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

Compound	Time (min)	Peak Area
Ethanol	1.375	166.511
n-Propanol	2.468	230.353

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001JP	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:47:02 PM
Data file:	C:\Chem32\1\Data\12Nov20\23.D	Analyst:	Abbott

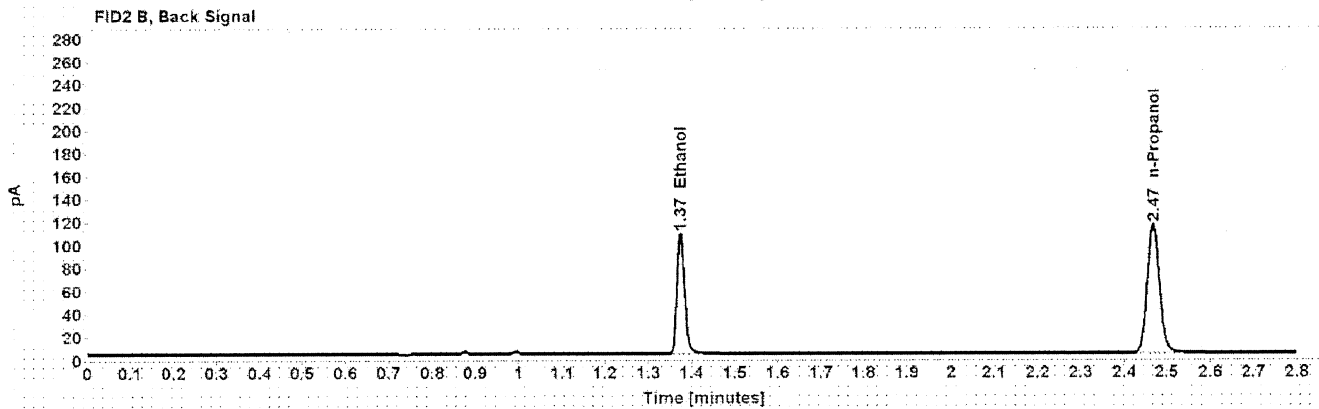
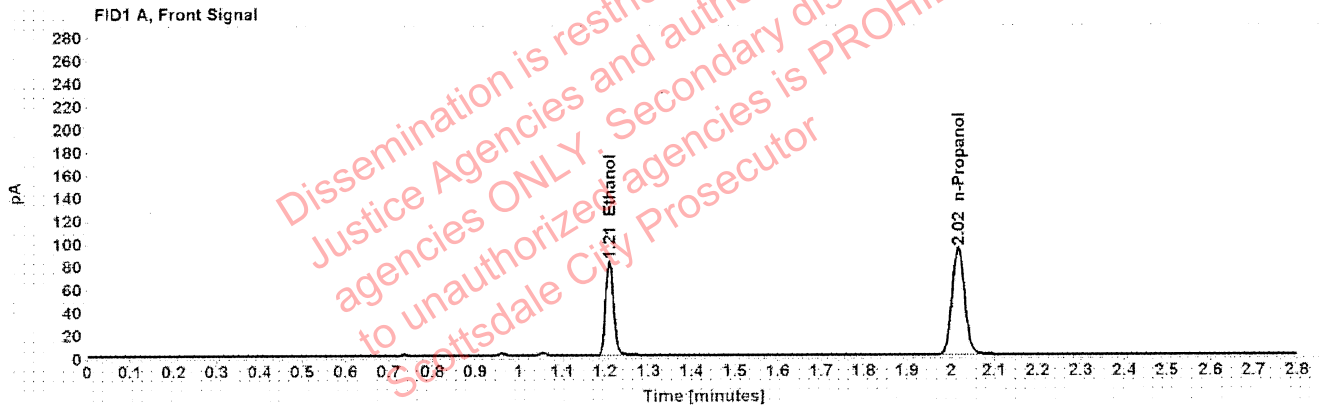


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1596	1.210	104.658
n-Propanol	-----	2.016	186.280

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

Compound	Time (min)	Peak Area
Ethanol	1.375	130.630
n-Propanol	2.468	228.868

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001JP	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:51:02 PM
Data file:	C:\Chem32\1\Data\12Nov20\24.D	Analyst:	Abbott

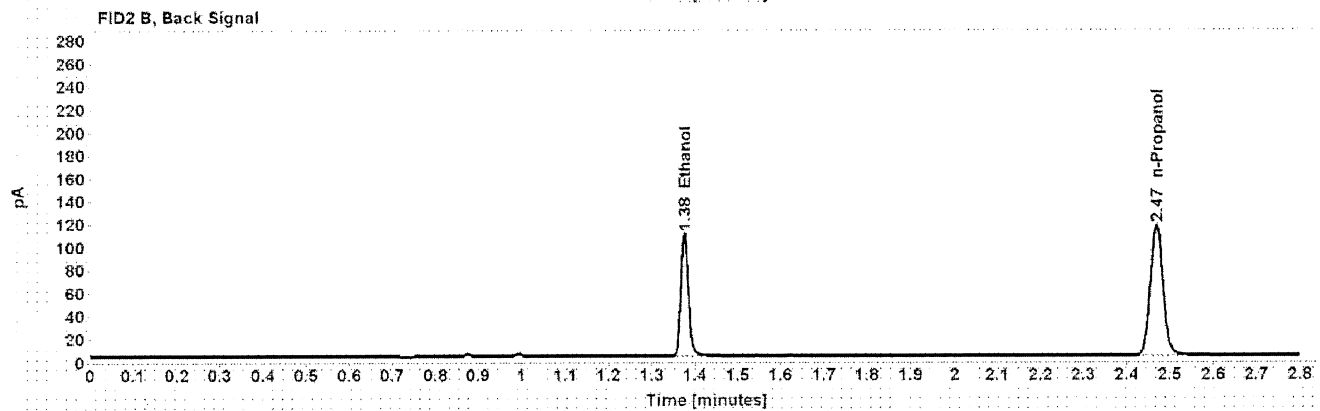
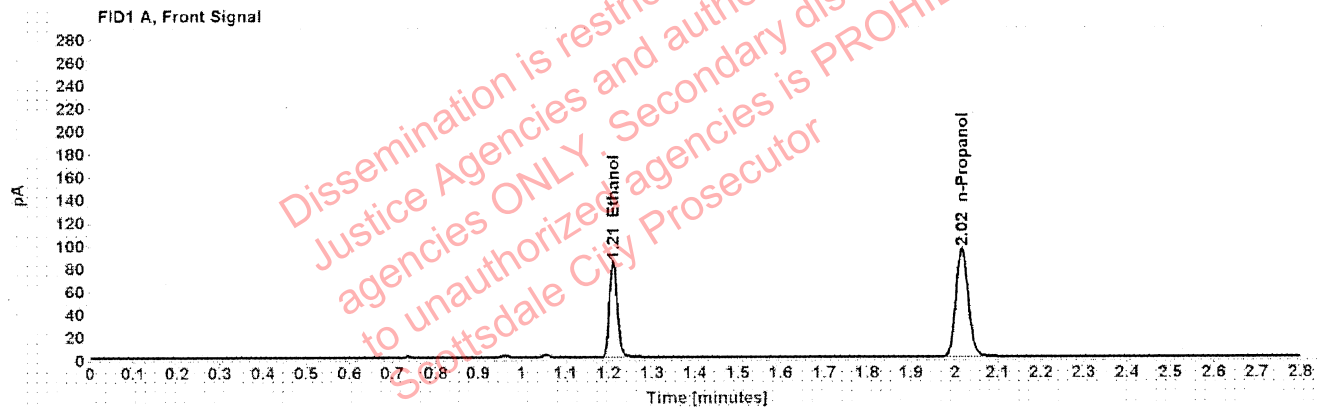


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1604	1.210	106.636
n-Propanol	-----	2.016	188.875

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

Compound	Time (min)	Peak Area
Ethanol	1.375	132.803
n-Propanol	2.468	231.858

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327011I	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:55:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\25.D	Analyst:	Abbott

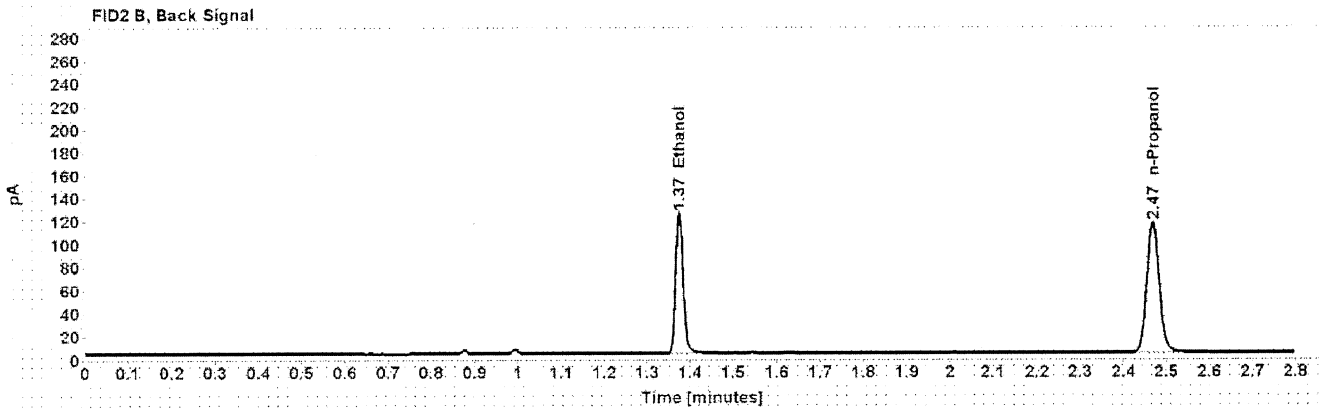
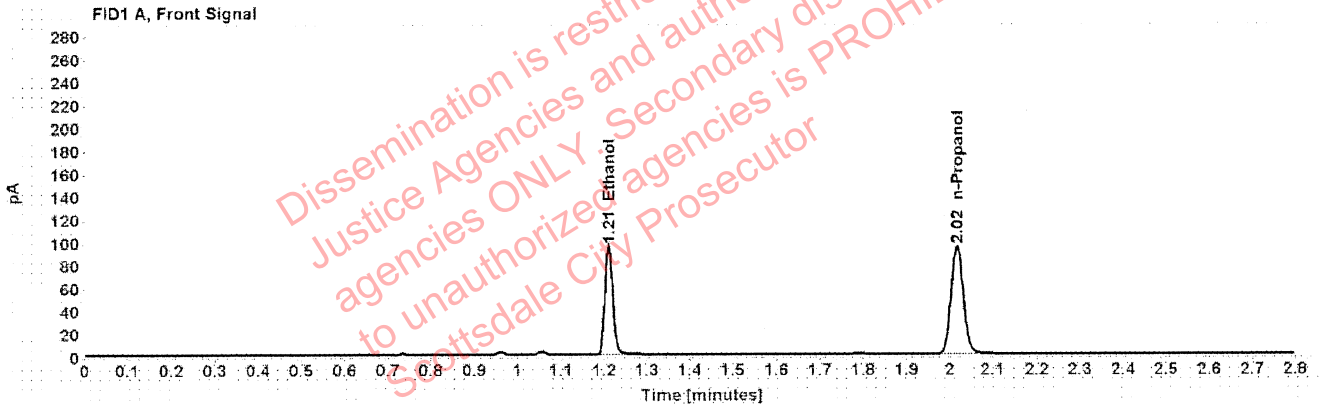


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.210	121.643
n-Propanol	-----	2.016	187.830

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

Compound	Time (min)	Peak Area
Ethanol	1.375	152.753
n-Propanol	2.468	230.651

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	3270111	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 1:59:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\26.D	Analyst:	Abbott

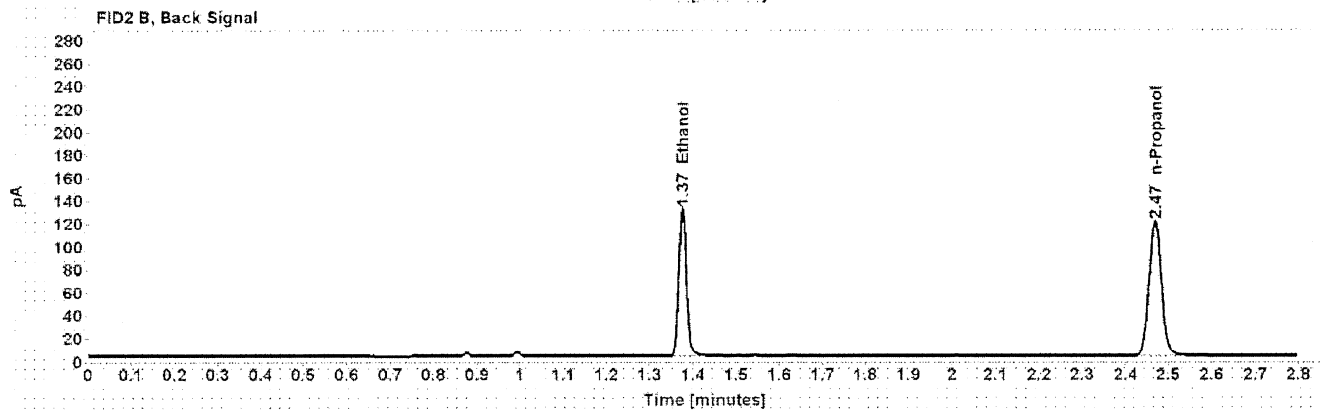
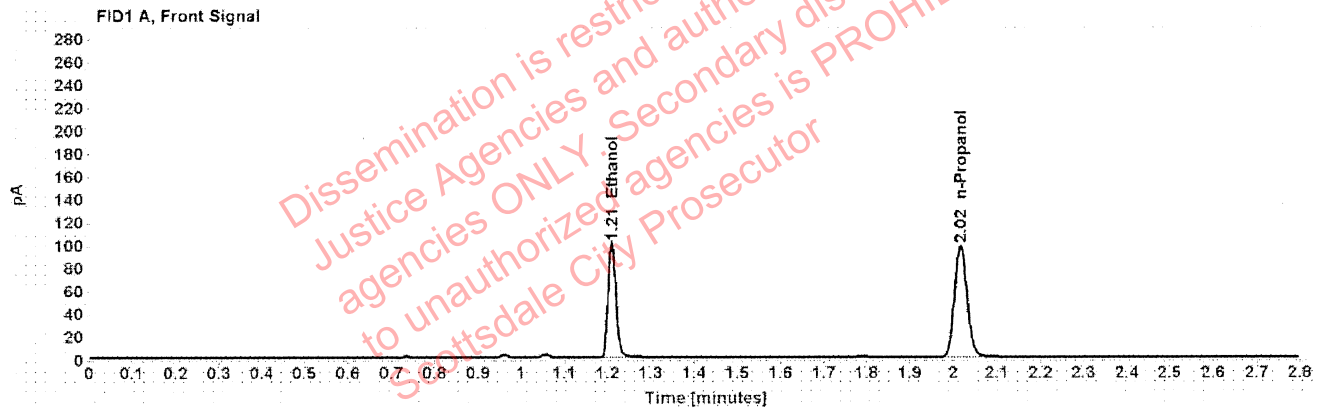


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1865	1.210	127.432
n-Propanol	-----	2.016	193.869

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

Compound	Time (min)	Peak Area
Ethanol	1.375	158.890
n-Propanol	2.468	238.259

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001AC	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:03:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\27.D	Analyst:	Abbott

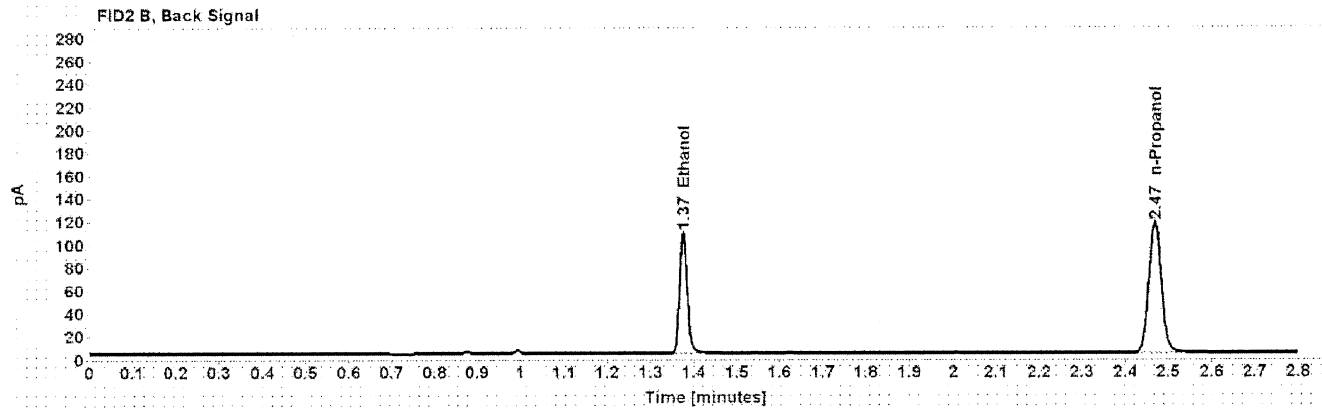
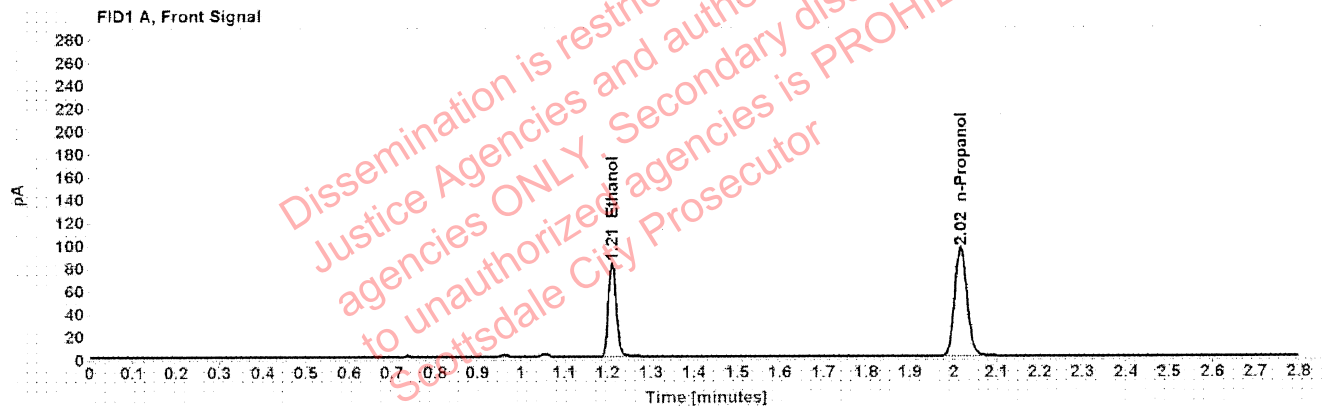


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1575	1.210	105.040
n-Propanol	-----	2.016	189.477

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

Compound	Time (min)	Peak Area
Ethanol	1.375	130.857
n-Propanol	2.468	232.794

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001AC	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:07:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\28.D	Analyst:	Abbott

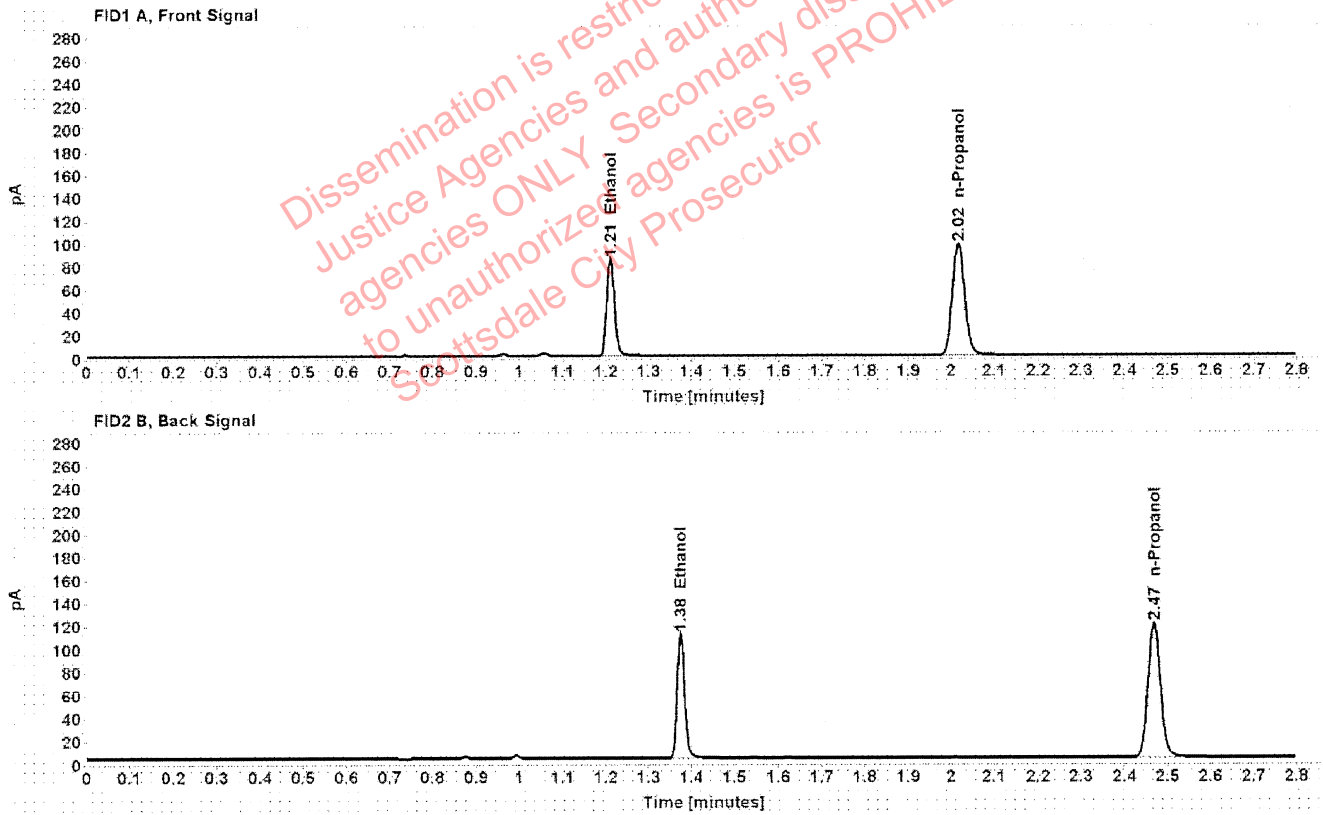


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1587	1.210	108.043
n-Propanol	-----	2.016	193.445

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

Compound	Time (min)	Peak Area
Ethanol	1.375	134.667
n-Propanol	2.468	237.482



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001KM	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:11:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\29.D	Analyst:	Abbott

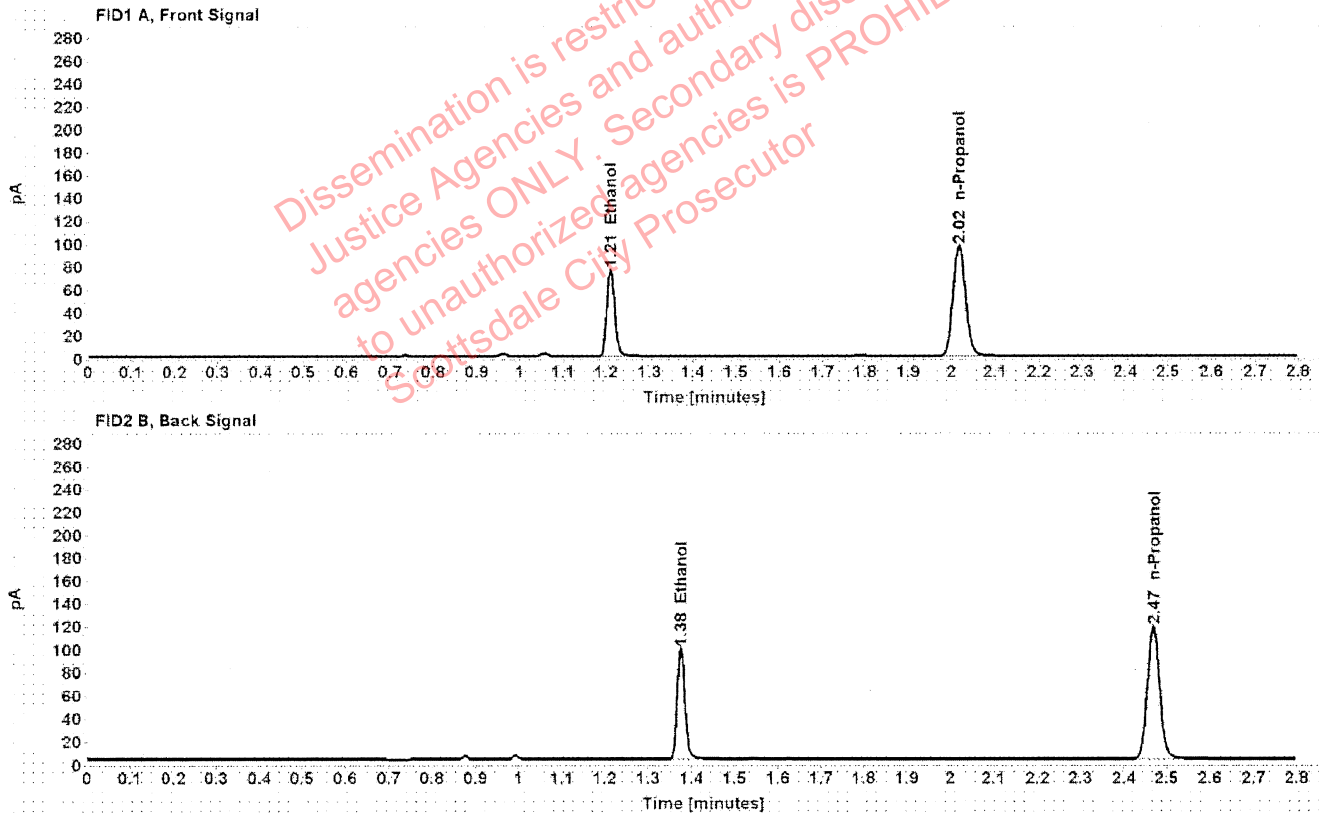


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.210	96.705
n-Propanol	-----	2.016	191.402

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

Compound	Time (min)	Peak Area
Ethanol	1.375	120.249
n-Propanol	2.468	234.900

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	34001KM	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:15:17 PM
Data file:	C:\Chem32\1\Data\12Nov20\30.D	Analyst:	Abbott

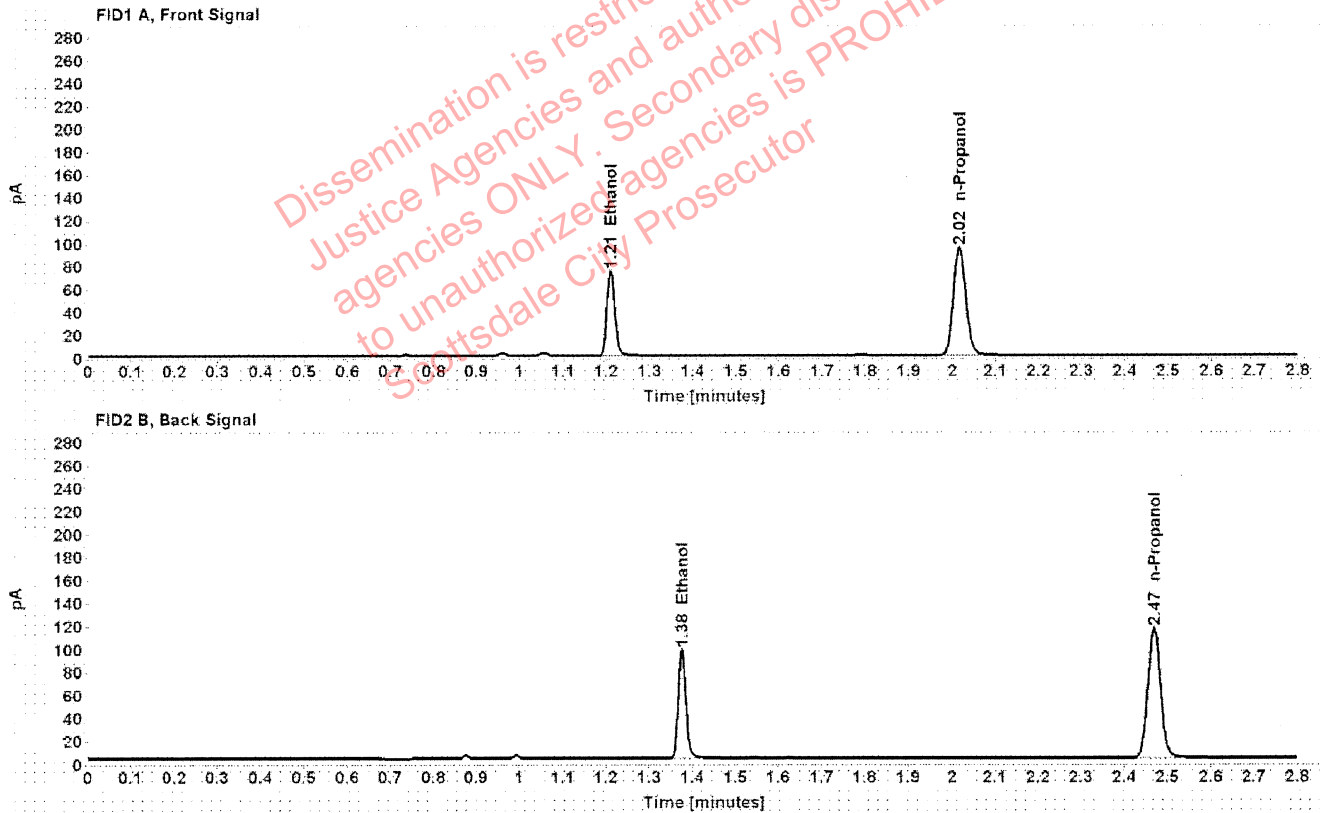


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.210	94.929
n-Propanol	-----	2.016	187.978

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

Compound	Time (min)	Peak Area
Ethanol	1.375	117.955
n-Propanol	2.468	230.620

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801G	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:23:33 PM
Data file:	C:\Chem32\1\Data\12Nov20\32.D	Analyst:	Abbott

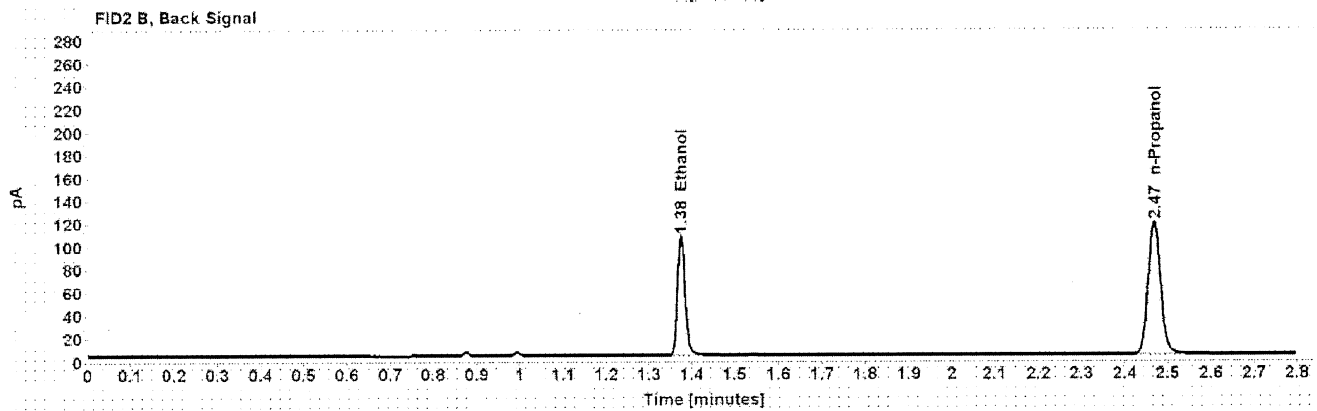
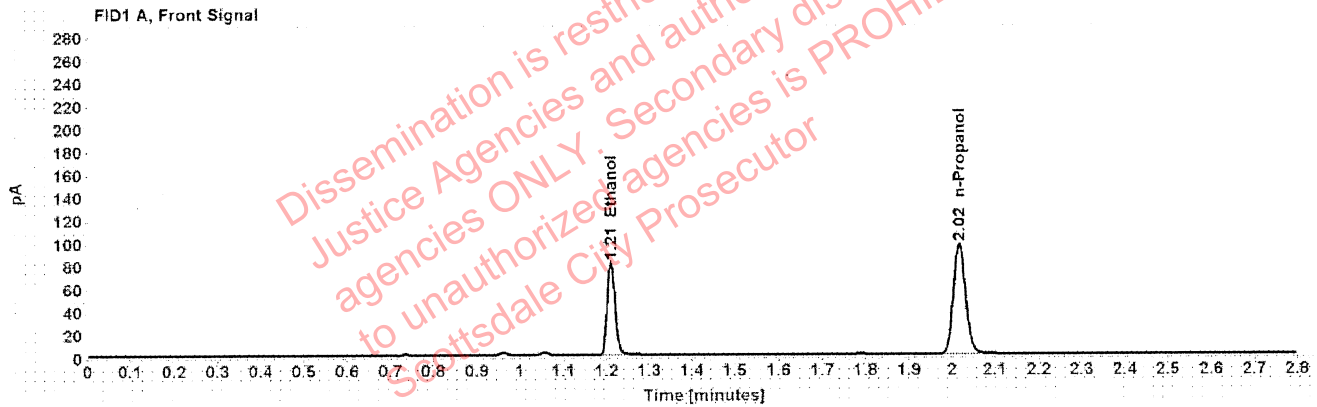


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1536	1.210	103.590
n-Propanol	-----	2.016	191.619

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

Compound	Time (min)	Peak Area
Ethanol	1.375	129.153
n-Propanol	2.468	235.059

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801IG	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:27:33 PM
Data file:	C:\Chem32\1\Data\12Nov20\33.D	Analyst:	Abbott

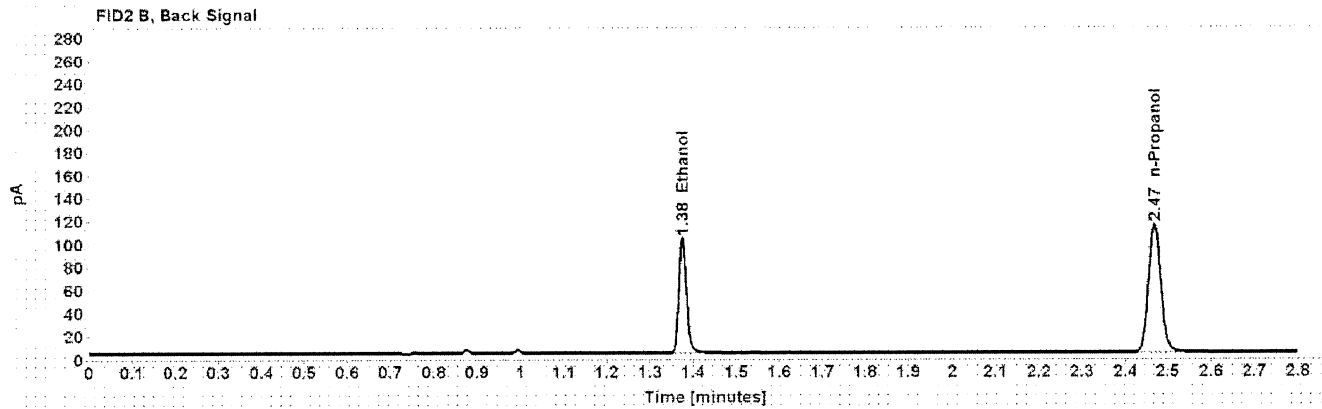
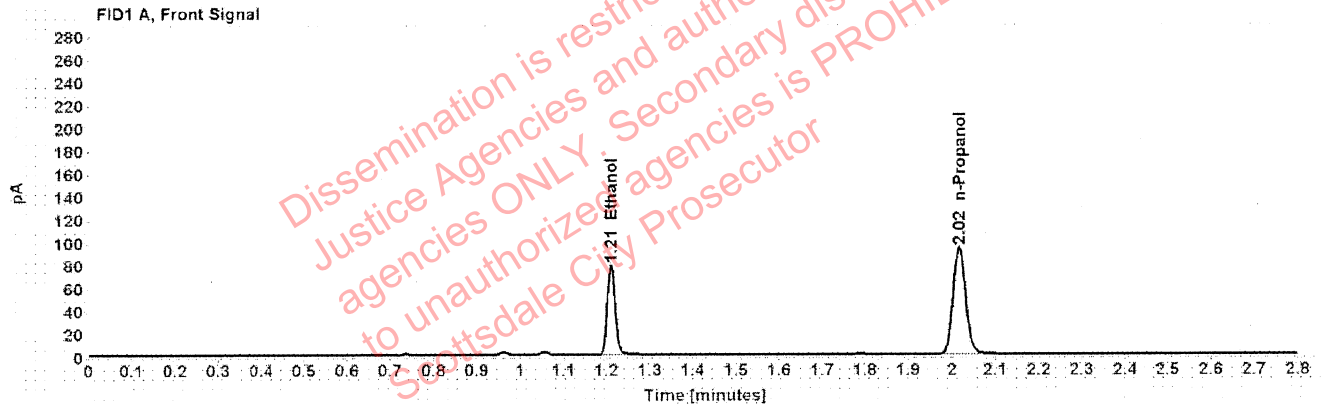


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.210	100.196
n-Propanol	-----	2.016	185.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	124.764
n-Propanol	2.468	227.787

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EA	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:31:33 PM
Data file:	C:\Chem32\1\Data\12Nov20\34.D	Analyst:	Abbott

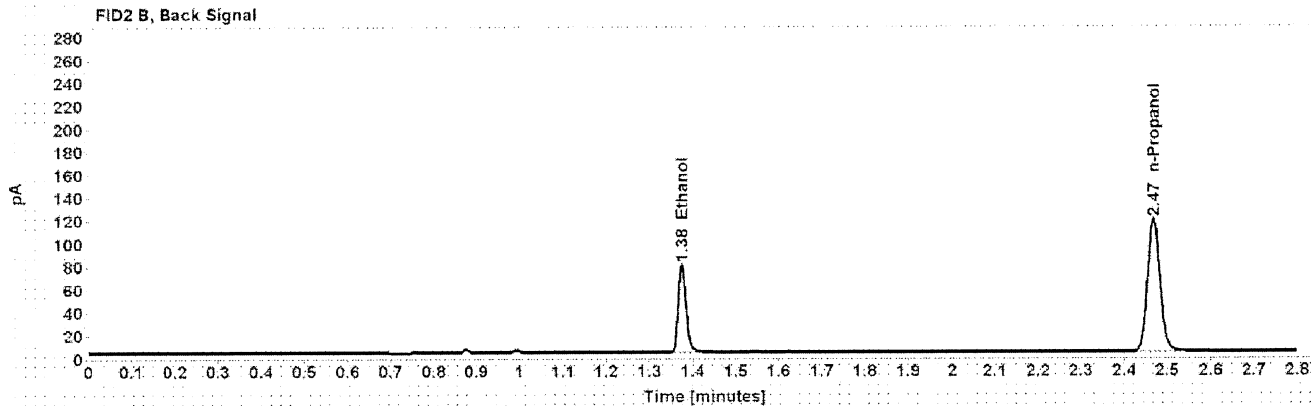
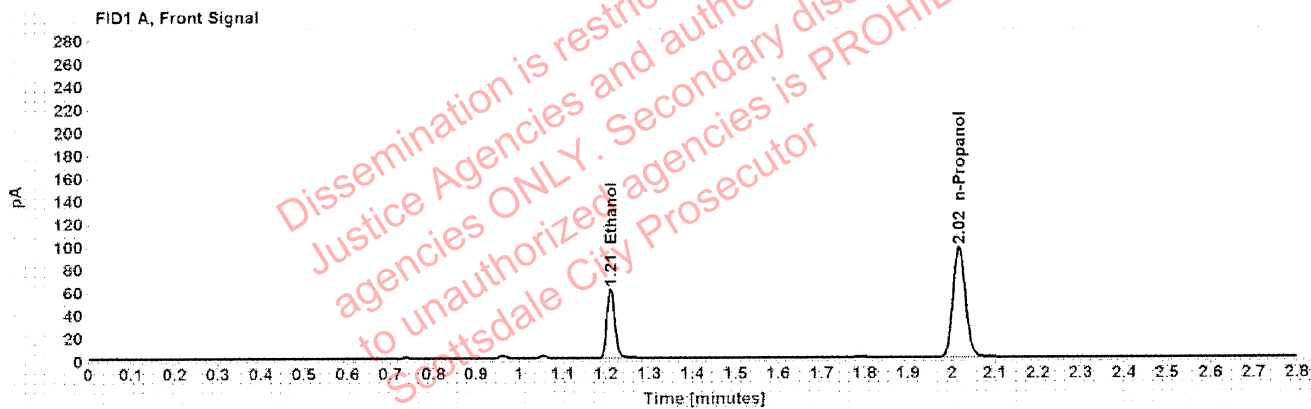


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1144	1.211	77.070
n-Propanol	-----	2.016	191.997

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

Compound	Time (min)	Peak Area
Ethanol	1.375	96.023
n-Propanol	2.468	235.446

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801EA	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:35:32 PM
Data file:	C:\Chem32\1\Data\12Nov20\35.D	Analyst:	Abbott

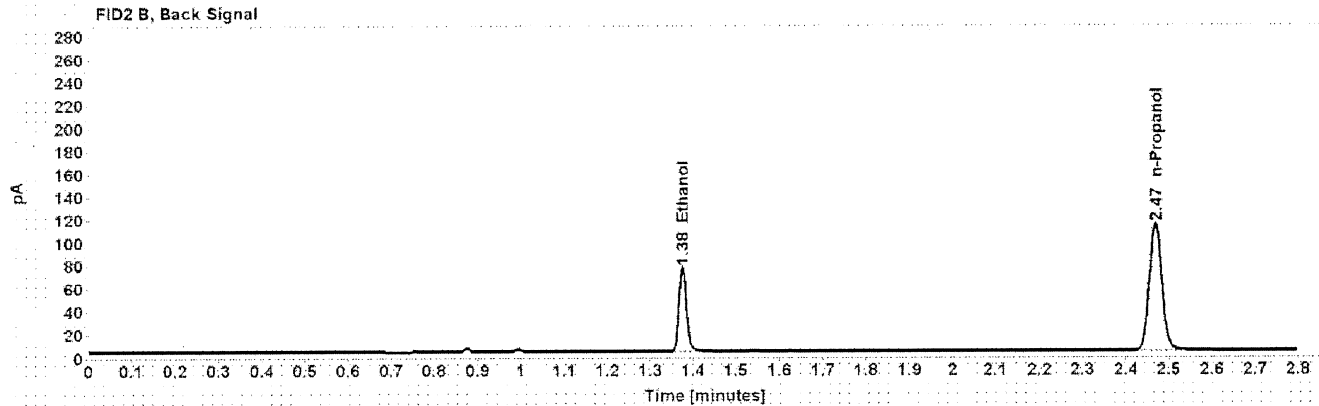
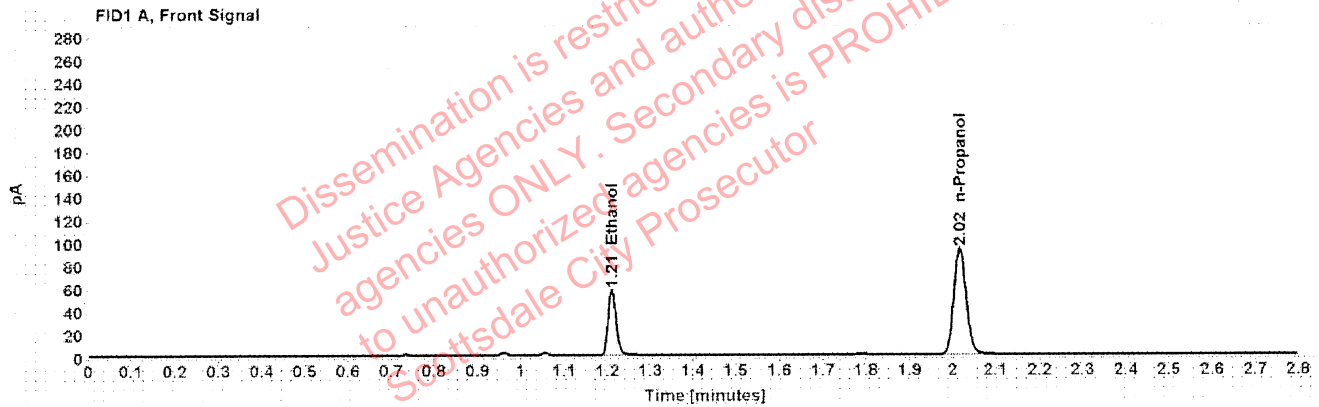


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1130	1.211	73.271
n-Propanol	-----	2.016	184.694

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

Compound	Time (min)	Peak Area
Ethanol	1.375	91.007
n-Propanol	2.468	226.252

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201ZD	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:39:32 PM
Data file:	C:\Chem32\1\Data\12Nov20\36.D	Analyst:	Abbott

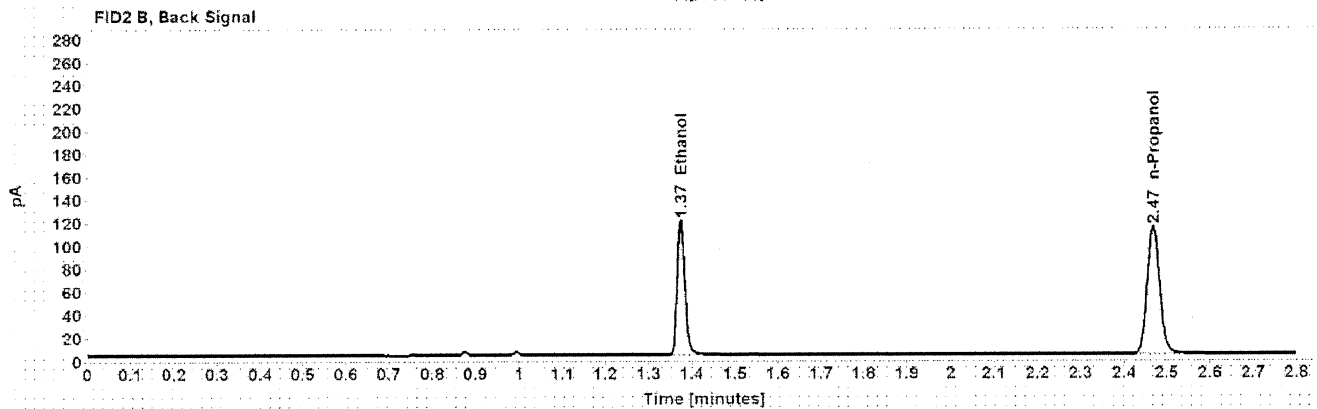
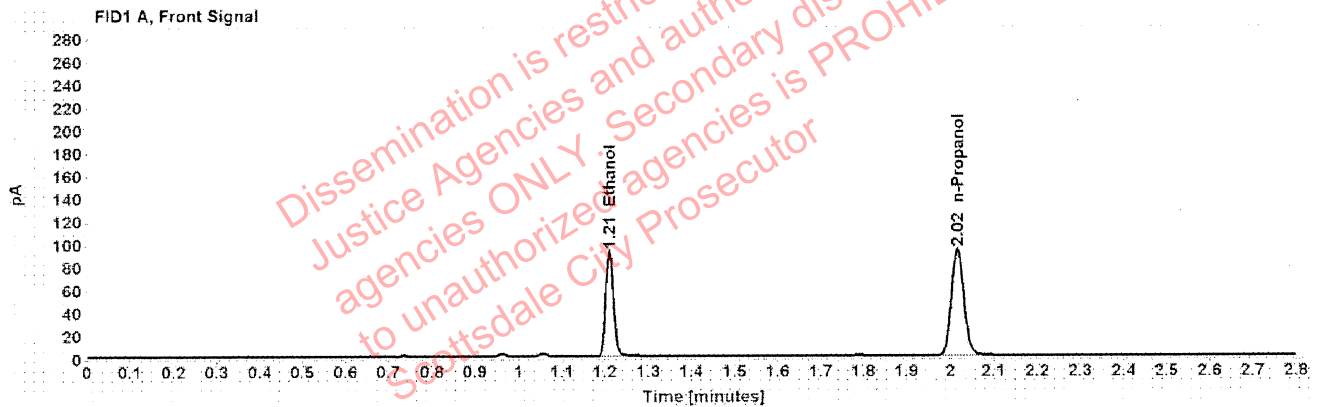


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1792	1.210	117.019
n-Propanol	-----	2.016	185.324

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

Compound	Time (min)	Peak Area
Ethanol	1.375	147.049
n-Propanol	2.468	227.443

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	36201ZD	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:43:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\37.D	Analyst:	Abbott

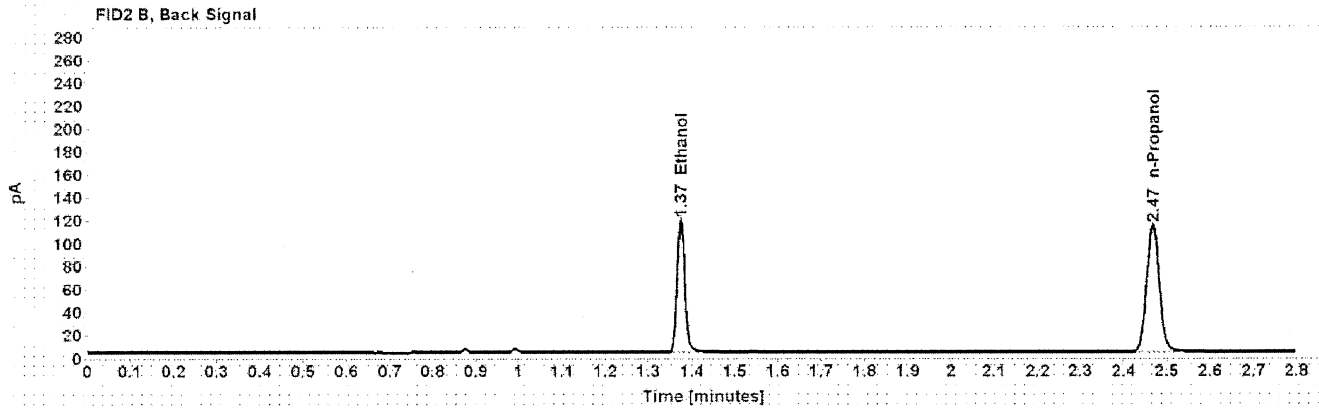
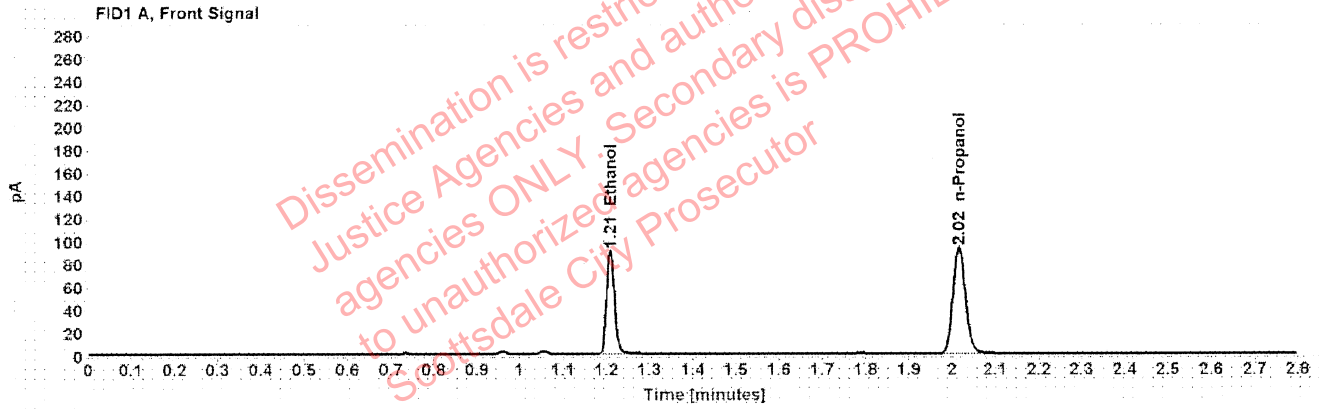


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1770	1.209	115.346
n-Propanol	-----	2.015	185.009

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

Compound	Time (min)	Peak Area
Ethanol	1.373	145.000
n-Propanol	2.467	227.067



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001PS	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:47:47 PM
Data file:	C:\Chem32\1\Data\12Nov20\38.D	Analyst:	Abbott

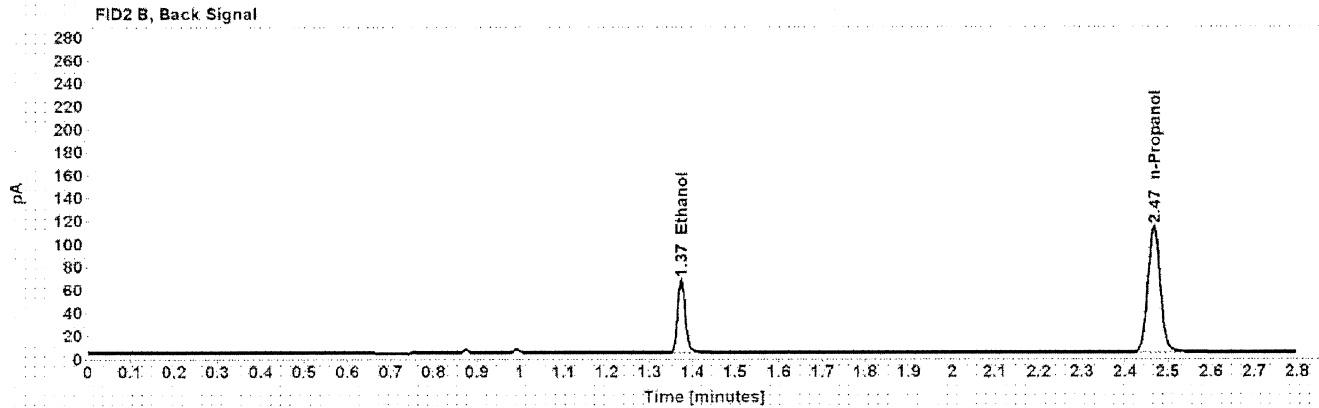
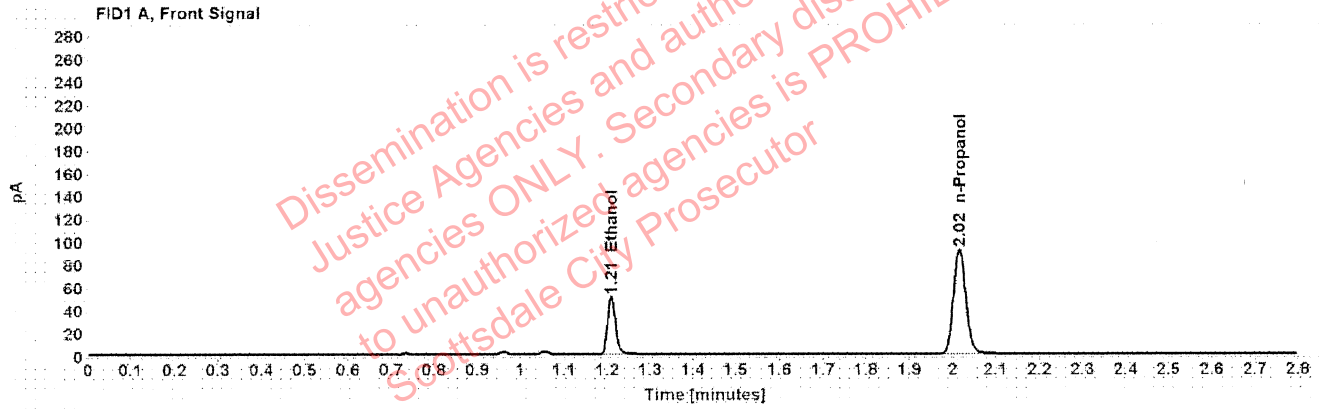


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1001	1.210	64.288
n-Propanol	-----	2.015	183.185

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

Compound	Time (min)	Peak Area
Ethanol	1.373	80.078
n-Propanol	2.466	224.454

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32001PS	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:51:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\39.D	Analyst:	Abbott

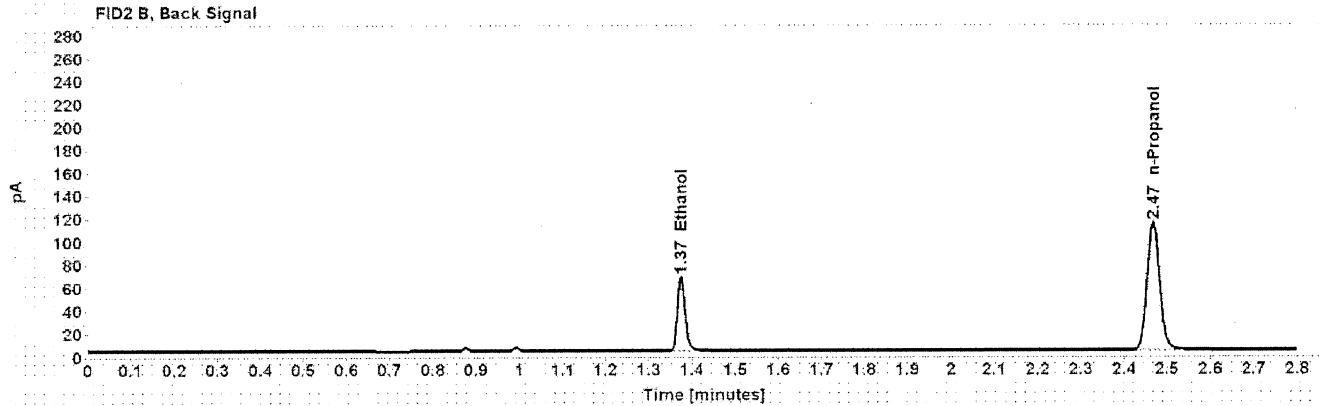
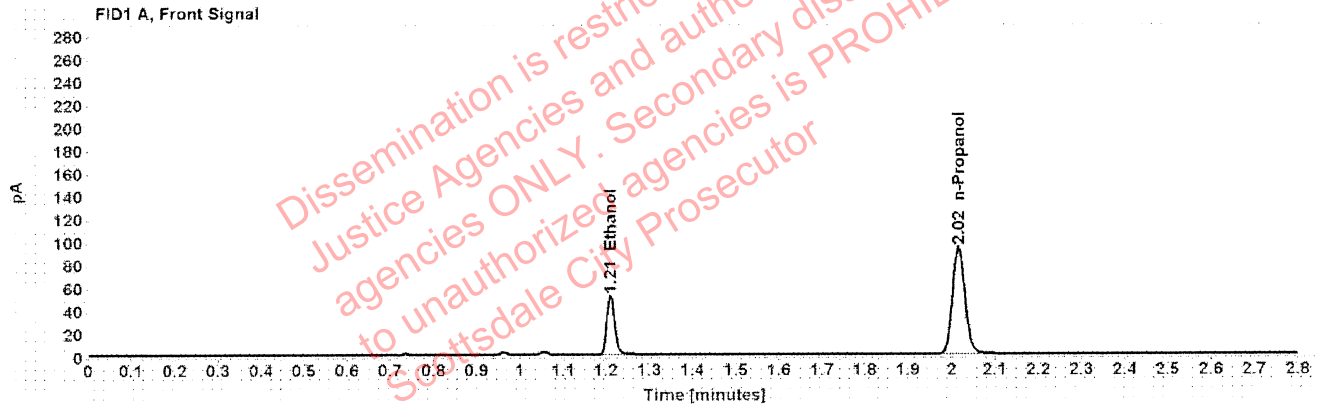


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1005	1.210	65.392
n-Propanol	-----	2.016	185.650

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

Compound	Time (min)	Peak Area
Ethanol	1.375	81.029
n-Propanol	2.468	227.334

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346062	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:55:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\40.D	Analyst:	Abbott

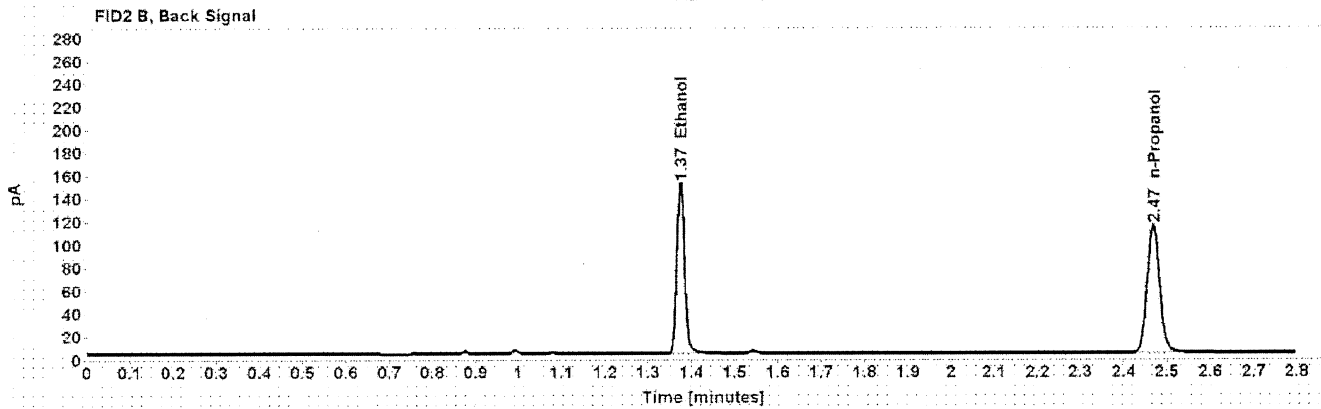
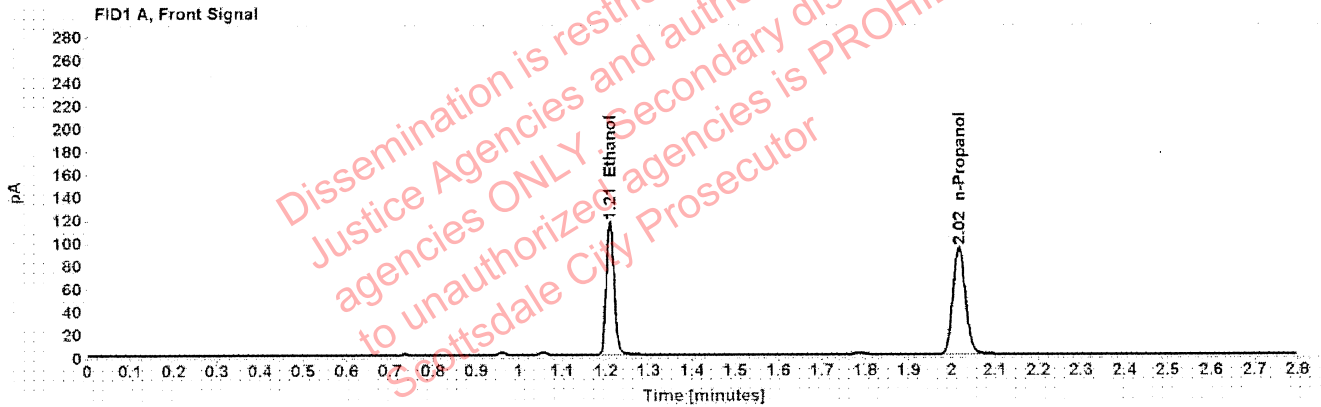


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2256	1.210	147.744
n-Propanol	-----	2.016	185.596

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

Compound	Time (min)	Peak Area
Ethanol	1.374	184.563
n-Propanol	2.468	226.943

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1346062	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 2:59:48 PM
Data file:	C:\Chem32\1\Data\12Nov20\41.D	Analyst:	Abbott

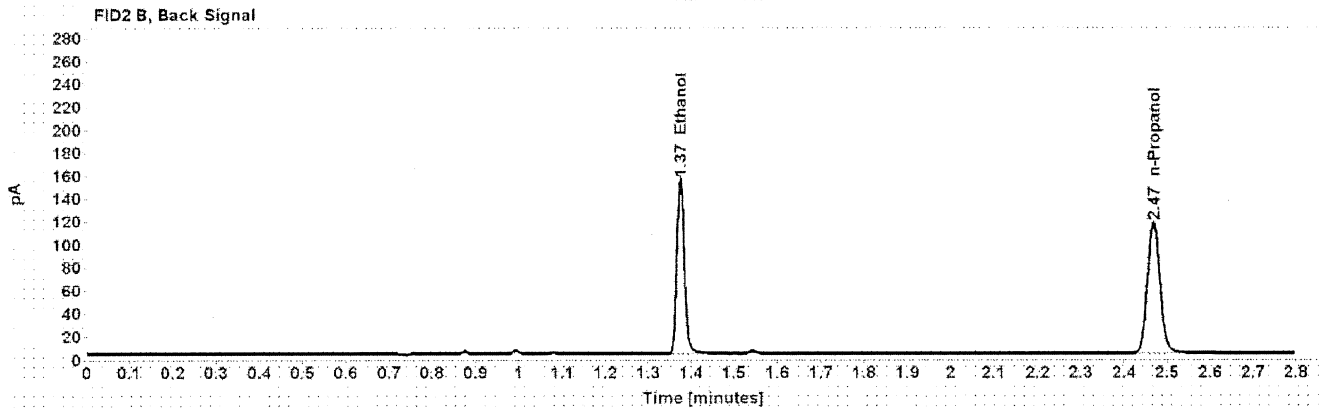
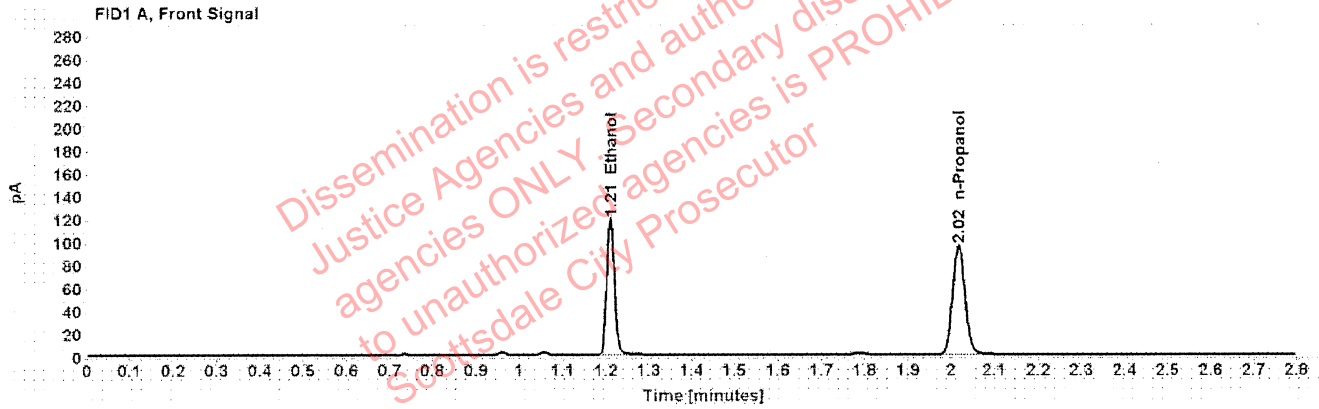


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2268	1.210	150.992
n-Propanol	-----	2.016	188.732

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

Compound	Time (min)	Peak Area
Ethanol	1.375	188.652
n-Propanol	2.468	230.964

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1345454	Vial: 43
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 12Nov20
Instrument: US14173023 CN14160045	Injection date: 11/12/2020 3:08:02 PM
Data file: C:\Chem32\1\Data\12Nov20\43.D	Analyst: Abbott

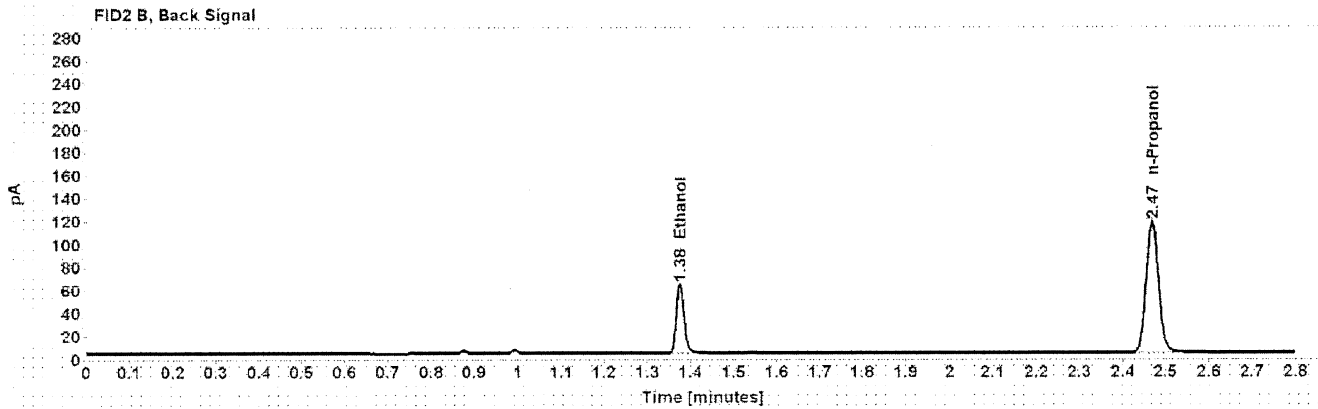
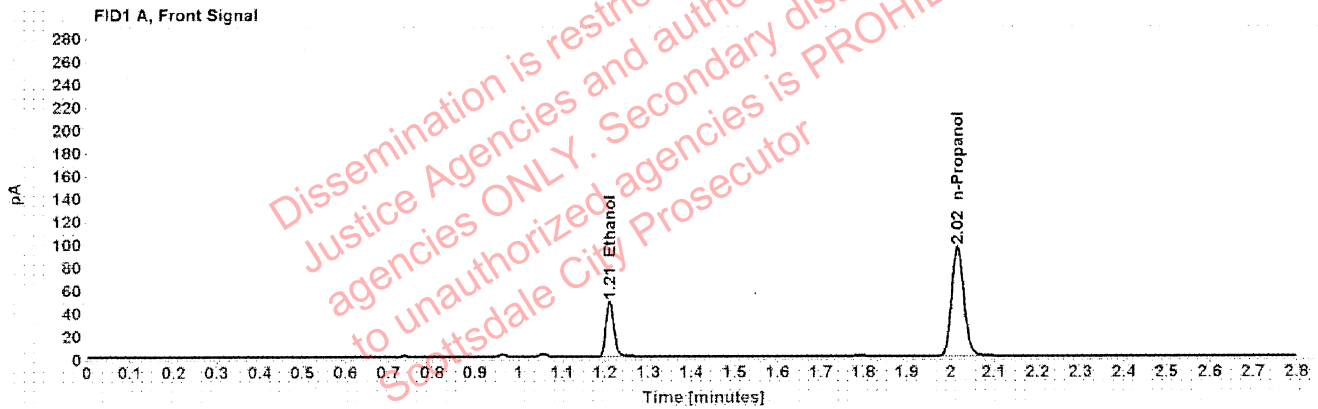


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0919	1.211	61.199
n-Propanol	-----	2.016	190.269

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

Compound	Time (min)	Peak Area
Ethanol	1.375	75.649
n-Propanol	2.468	232.936

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1345454	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:12:02 PM
Data file:	C:\Chem32\1\Data\12Nov20\44.D	Analyst:	Abbott

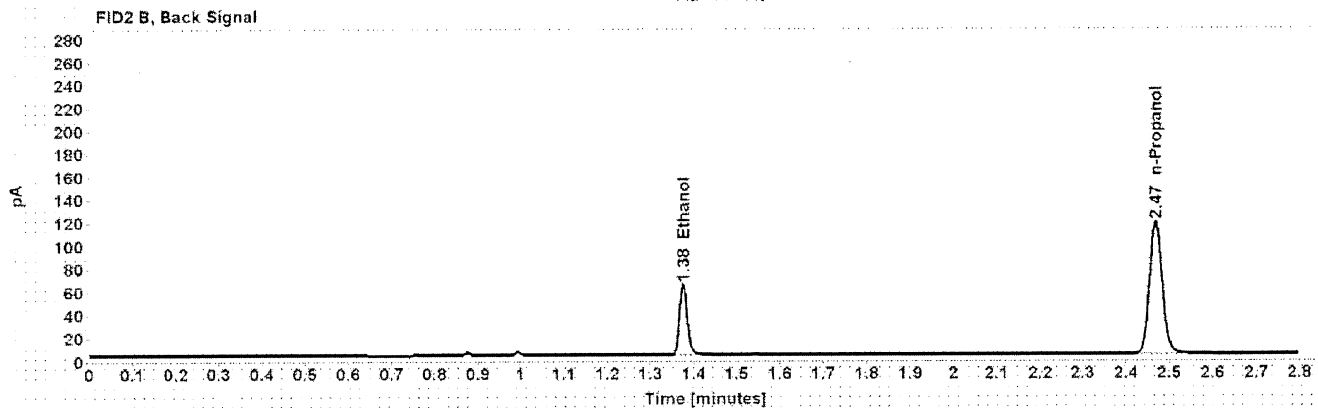
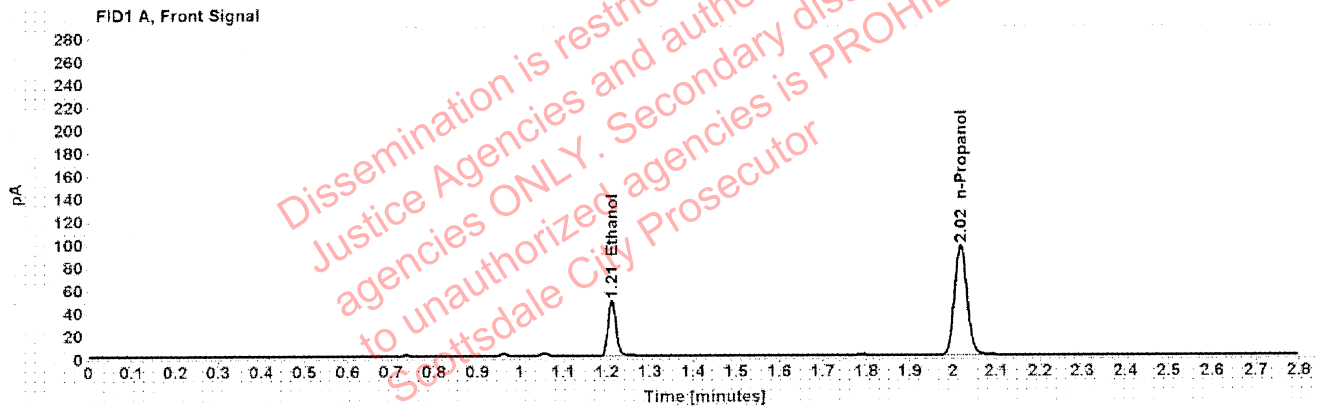


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0921	1.211	61.770
n-Propanol	-----	2.017	191.510

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

Compound	Time (min)	Peak Area
Ethanol	1.376	76.423
n-Propanol	2.468	234.647

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344389	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:16:03 PM
Data file:	C:\Chem32\1\Data\12Nov20\45.D	Analyst:	Abbott

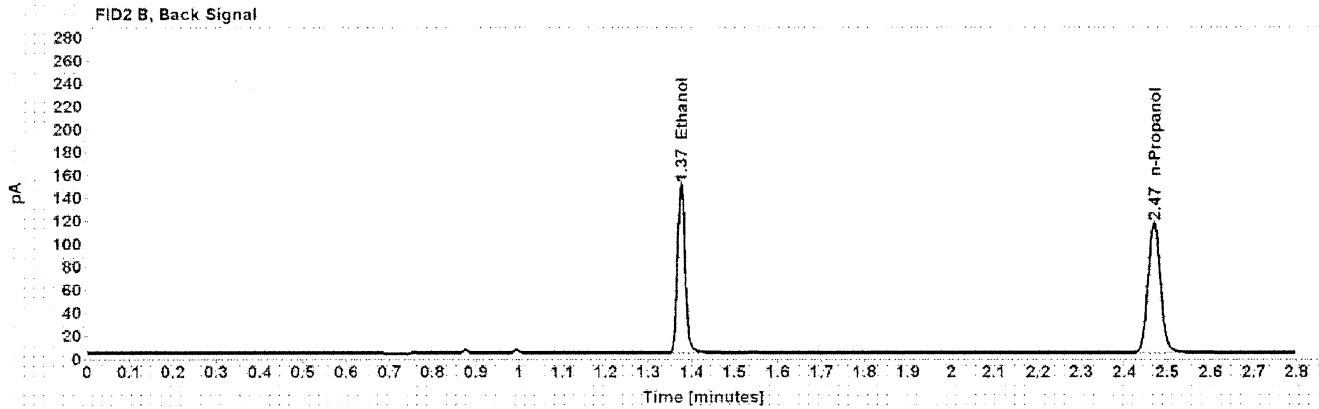
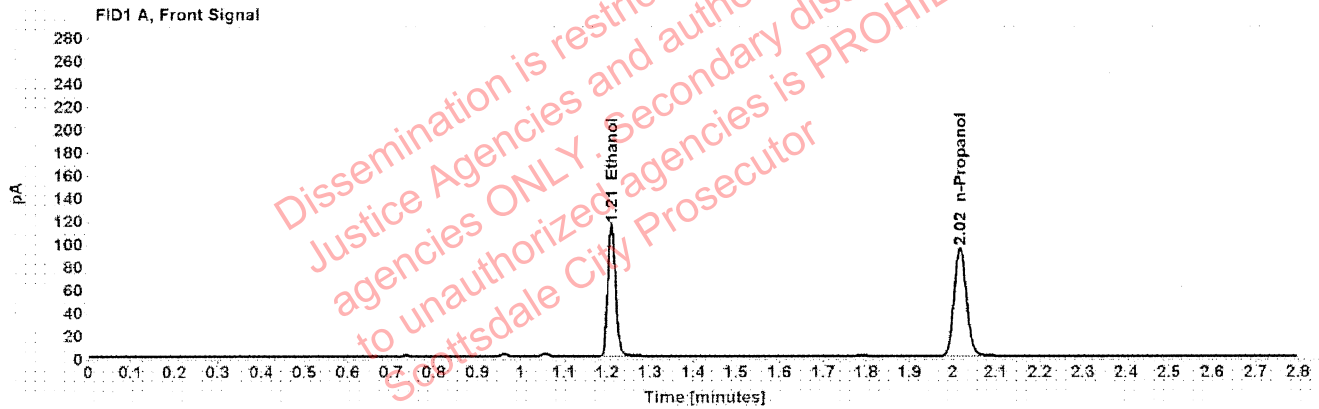


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2204	1.210	146.192
n-Propanol	-----	2.016	188.027

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

Compound	Time (min)	Peak Area
Ethanol	1.375	182.438
n-Propanol	2.468	229.667

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1344389	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:20:03 PM
Data file:	C:\Chem32\1\Data\12Nov20\46.D	Analyst:	Abbott

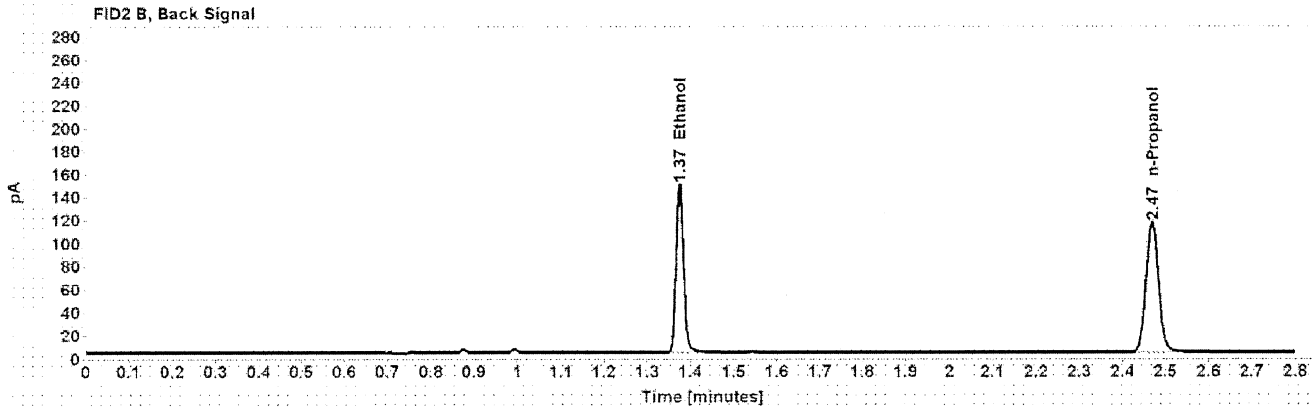
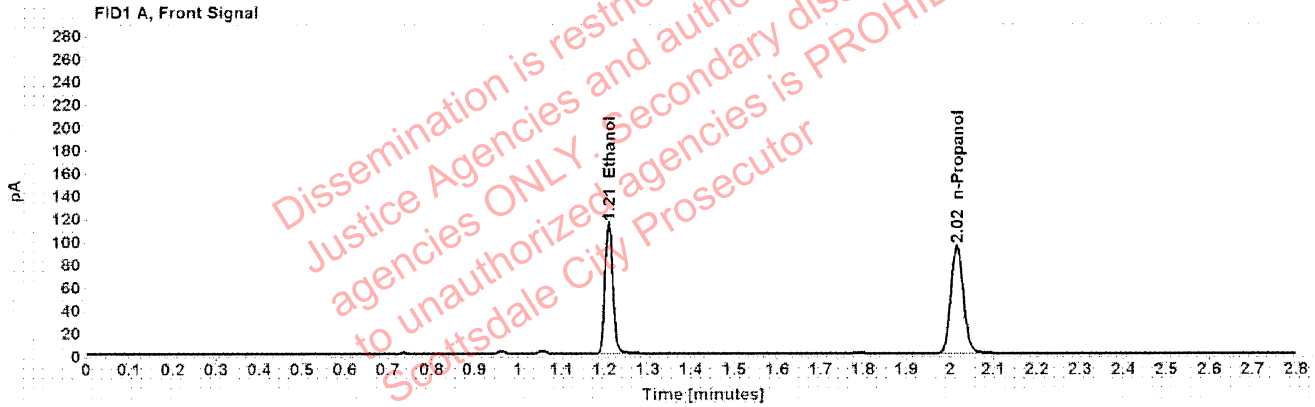


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2197	1.210	145.643
n-Propanol	-----	2.016	187.950

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

Compound	Time (min)	Peak Area
Ethanol	1.374	181.829
n-Propanol	2.468	229.776



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332164	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:24:03 PM
Data file:	C:\Chem32\1\Data\12Nov20\47.D	Analyst:	Abbott

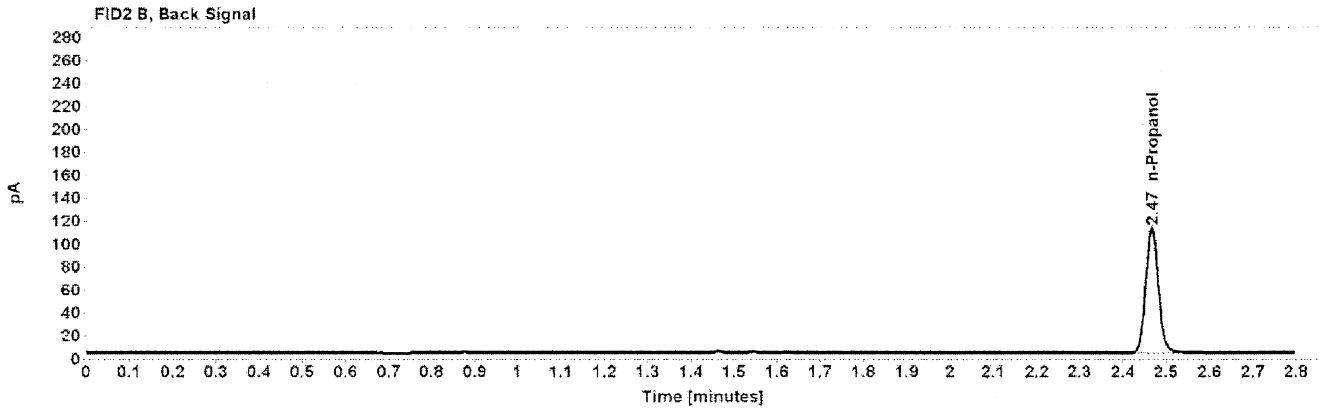


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	182.455

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	223.861

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332164	Vial:	48
Description:	[Redacted]	LIMS ID:	[Redacted]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:28:03 PM
Data file:	C:\Chem32\1\Data\12Nov20\48.D	Analyst:	Abbott

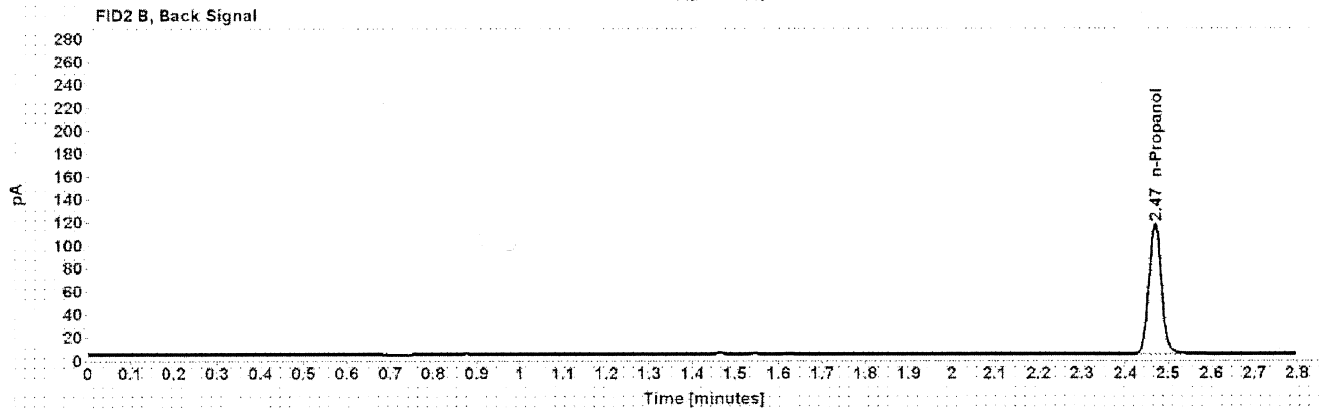


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	188.998

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	231.977

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1342355	Vial:	49
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:32:18 PM
Data file:	C:\Chem32\1\Data\12Nov20\49.D	Analyst:	Abbott

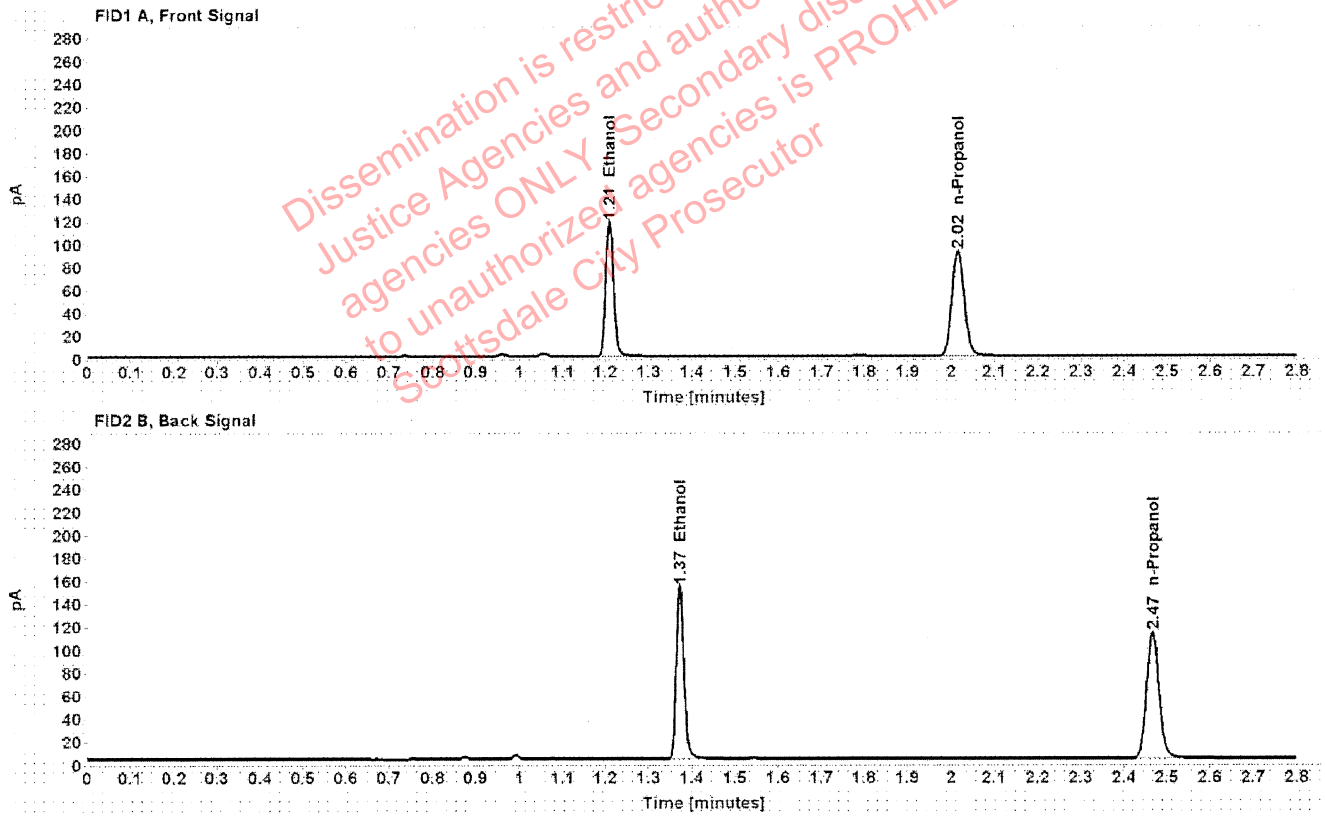


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2319	1.209	150.031
n-Propanol	-----	2.015	183.380

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

Compound	Time (min)	Peak Area
Ethanol	1.373	187.256
n-Propanol	2.467	224.037

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1342355	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:36:18 PM
Data file:	C:\Chem32\1\Data\12Nov20\50.D	Analyst:	Abbott

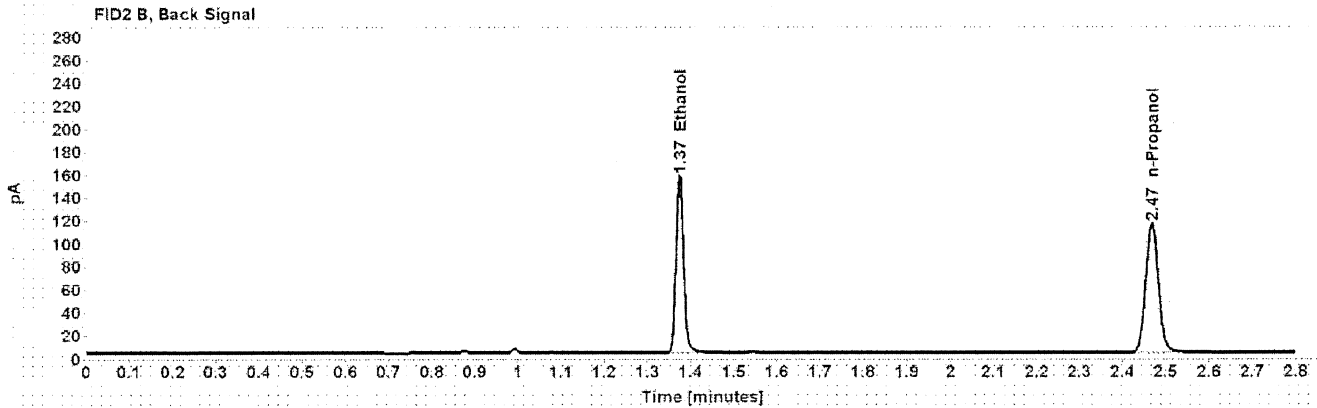
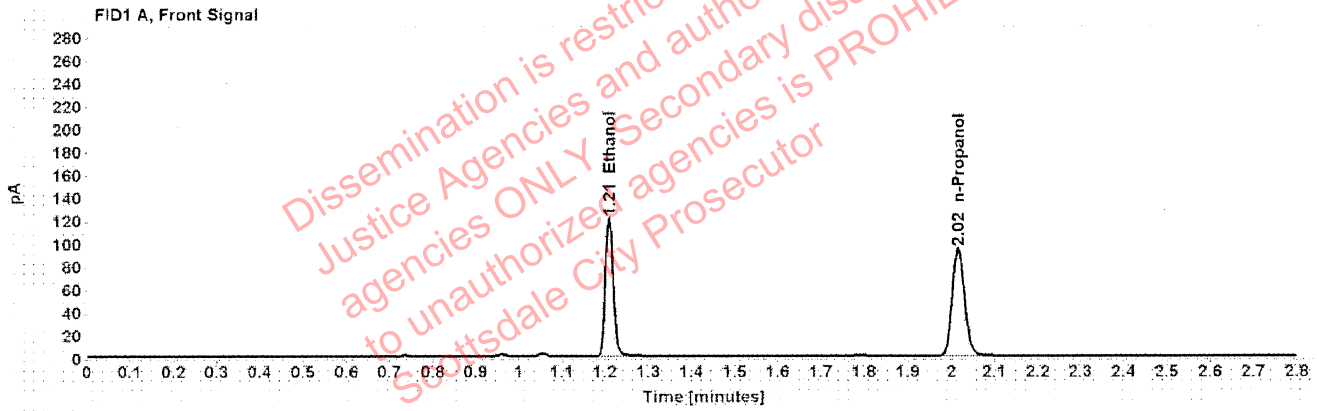


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2330	1.209	153.767
n-Propanol	-----	2.016	187.014

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

Compound	Time (min)	Peak Area
Ethanol	1.374	191.935
n-Propanol	2.467	228.507

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327739	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:40:18 PM
Data file:	C:\Chem32\1\Data\12Nov20\51.D	Analyst:	Abbott

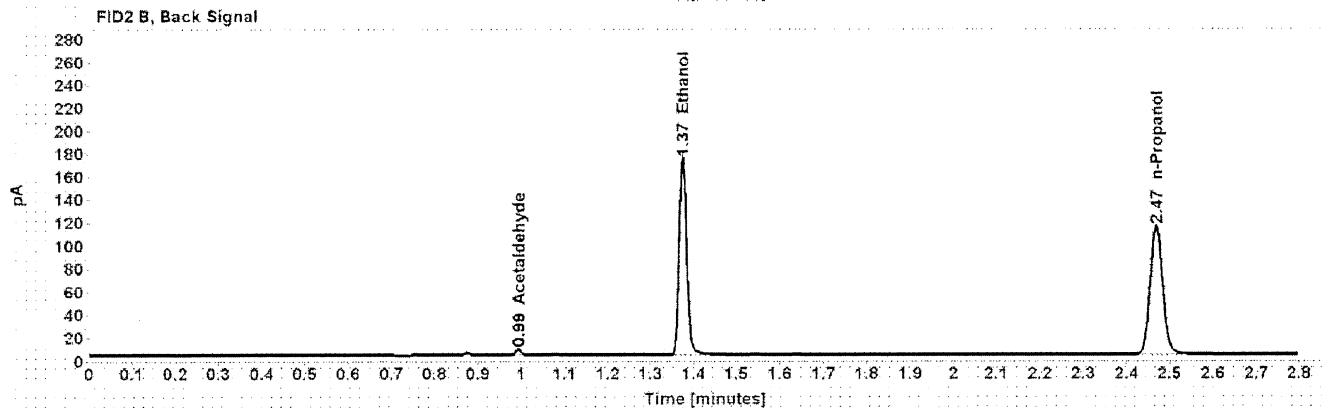
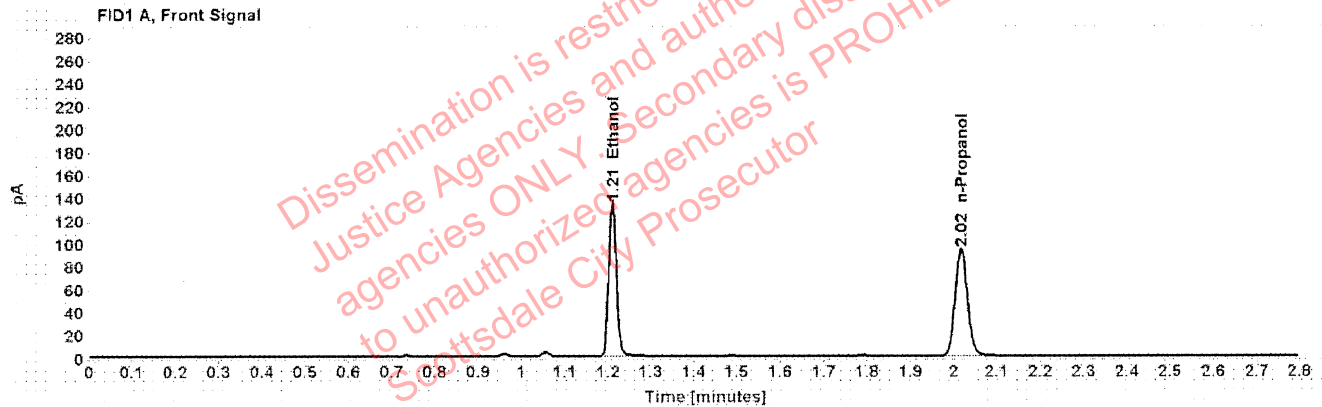


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2585	1.210	169.890
n-Propanol	-----	2.016	186.171

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.609
Ethanol	1.375	212.272
n-Propanol	2.468	228.165

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1327739	Vial:	52
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Nov20
Instrument:	US14173023 CN14160045	Injection date:	11/12/2020 3:44:18 PM
Data file:	C:\Chem32\1\Data\12Nov20\52.D	Analyst:	Abbott

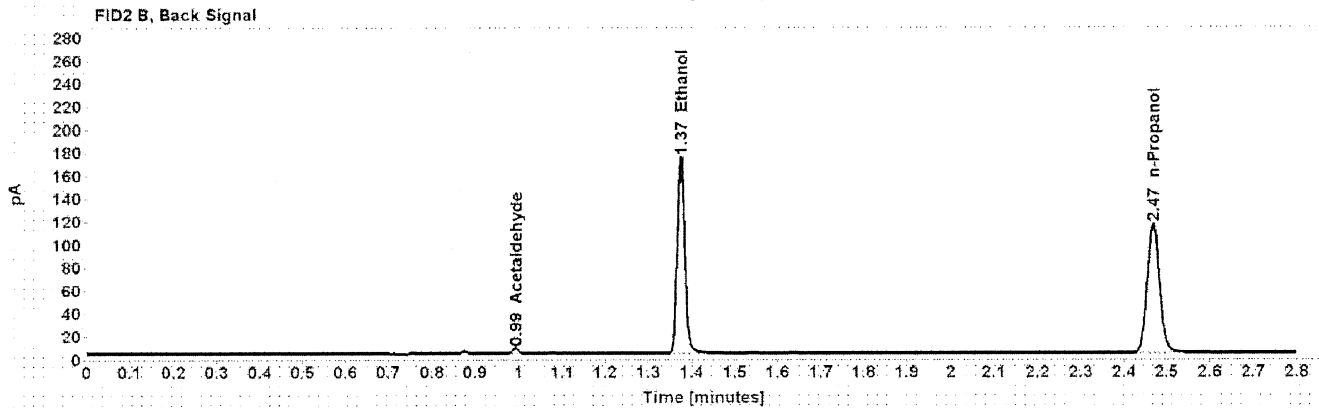
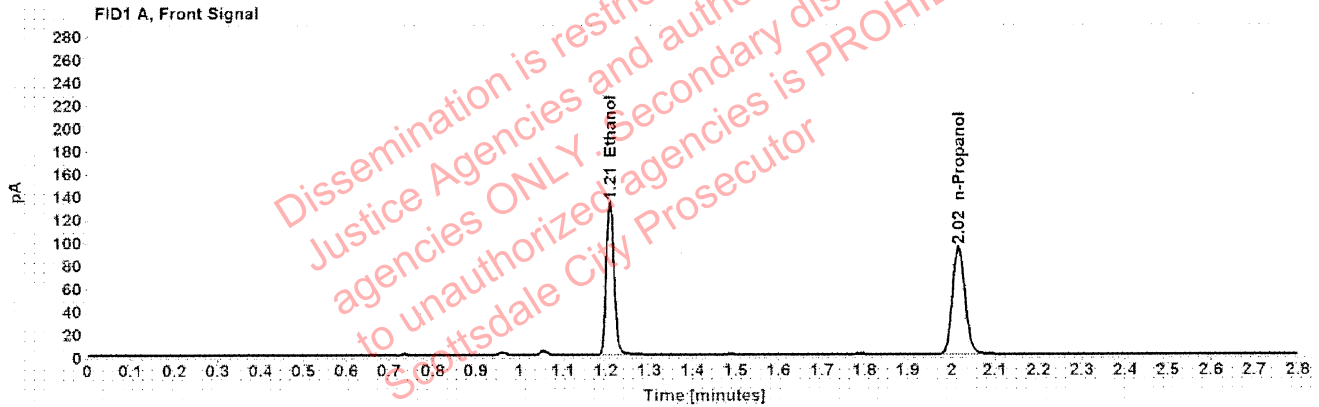


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2578	1.209	170.099
n-Propanol	-----	2.016	186.917

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.663
Ethanol	1.374	212.307
n-Propanol	2.468	228.879