

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/09/2020 SEQUENCE NAME 09Sep20

**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 FN02271802 0.99999  
 Vial 3 0.20 calibrator Lot FN06231704  
 Vial 4 0.40 calibrator Lot FN05131606

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 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	0.081 g/dL	Lipomed 03102016-A/1
42	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 040919WB

**SUBJECT SAMPLES**

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid  [Signature]  
 Run invalid   
 Analyst

Run valid  [Signature]  
 Run invalid   
 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

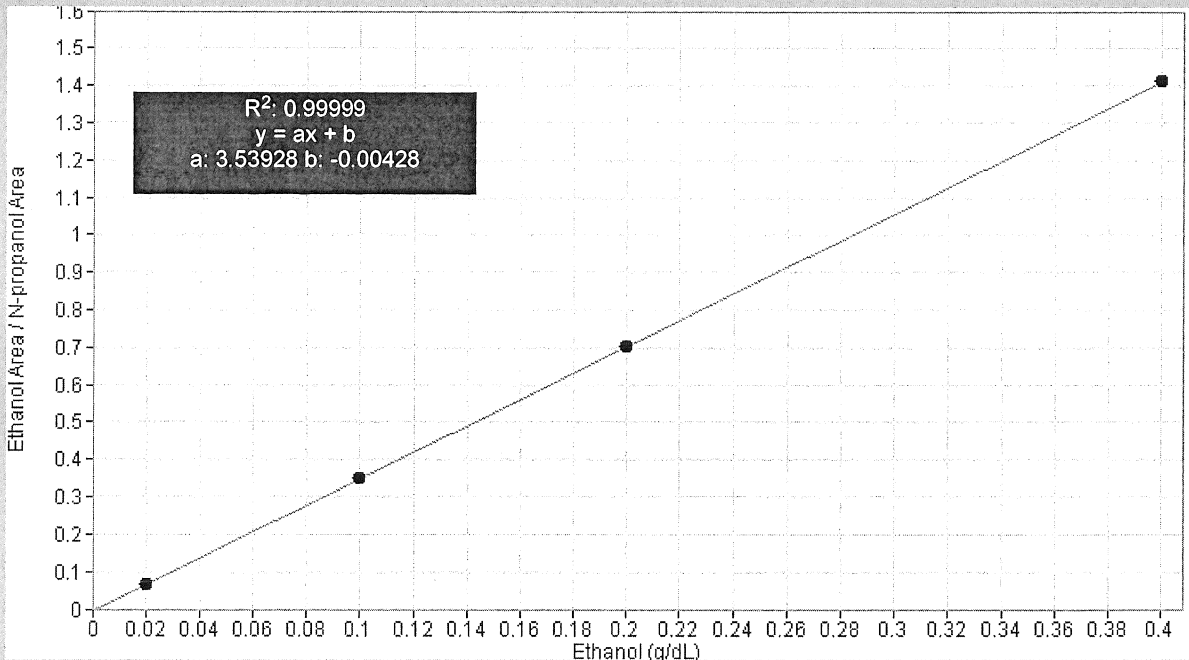
SEQUENCE NAME: 09Sep20

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	0.408	0.400	2.00	0.008
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.080 03102016-A/1	31	0.081	0.080	1.25	0.001
0.400 11092018-A	42	0.403	0.400	0.75	0.003
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.198 407041529/13	44	0.200	0.198	1.01	0.002
blank 040919WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.815	174.403	0.068
0.100	60.772	173.933	0.349
0.200	122.395	174.454	0.702
0.400	245.598	173.884	1.412

### 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> 09Sep20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 9/9/2020 12:17:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <span style="float: right;"><i>DA</i></span>
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\1.D	

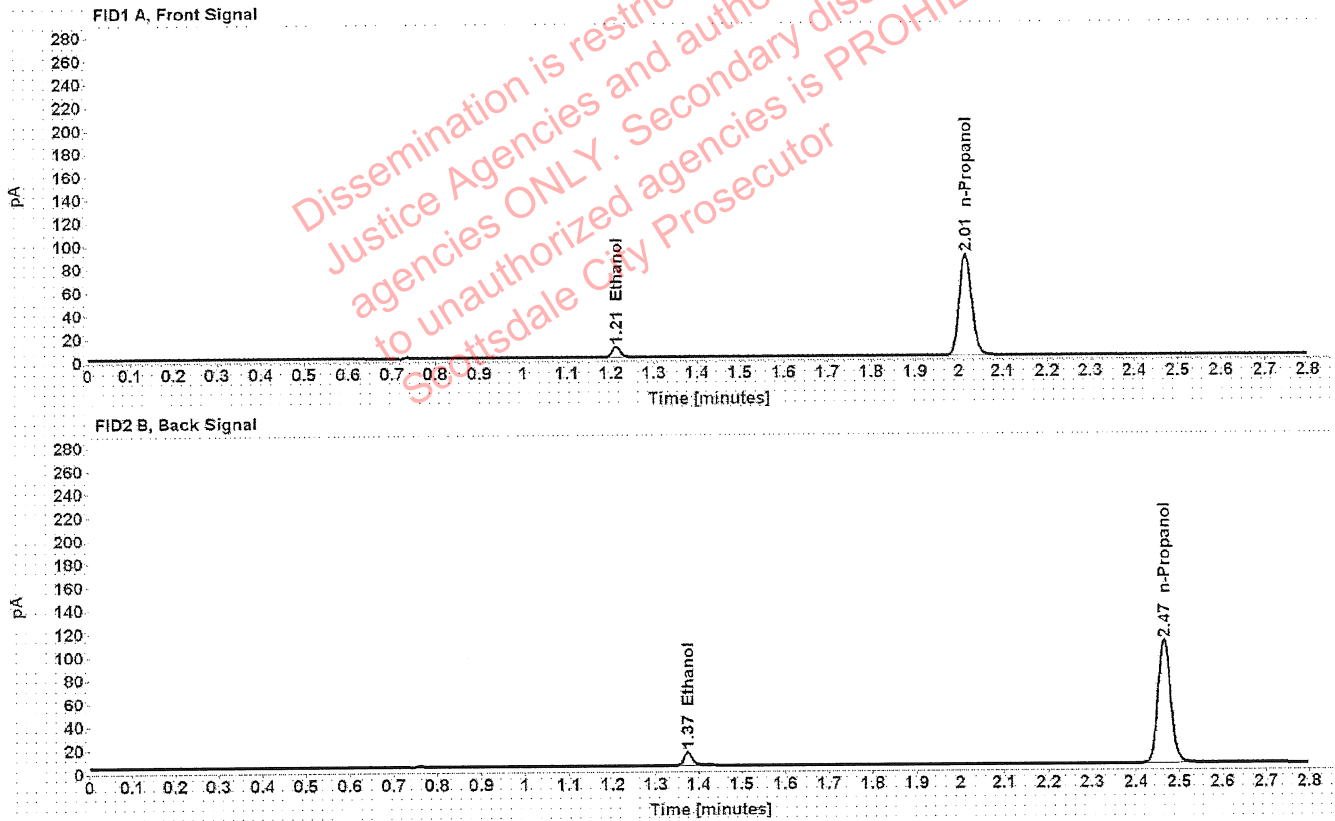


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.815
n-Propanol	2.015	174.403

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.747
n-Propanol	2.465	214.185

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN02271802	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 09Sep20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 9/9/2020 12:21:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>dh</i>
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\2.D	

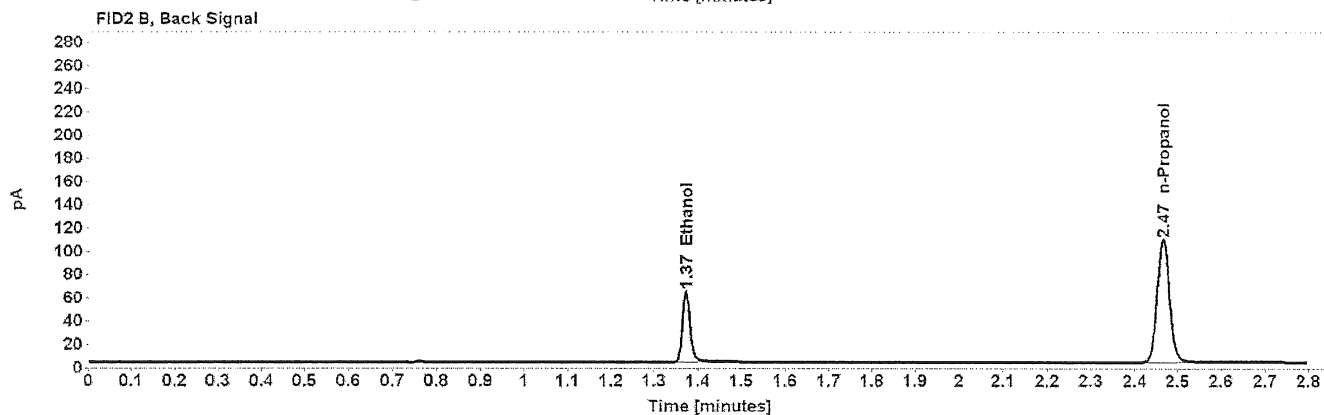
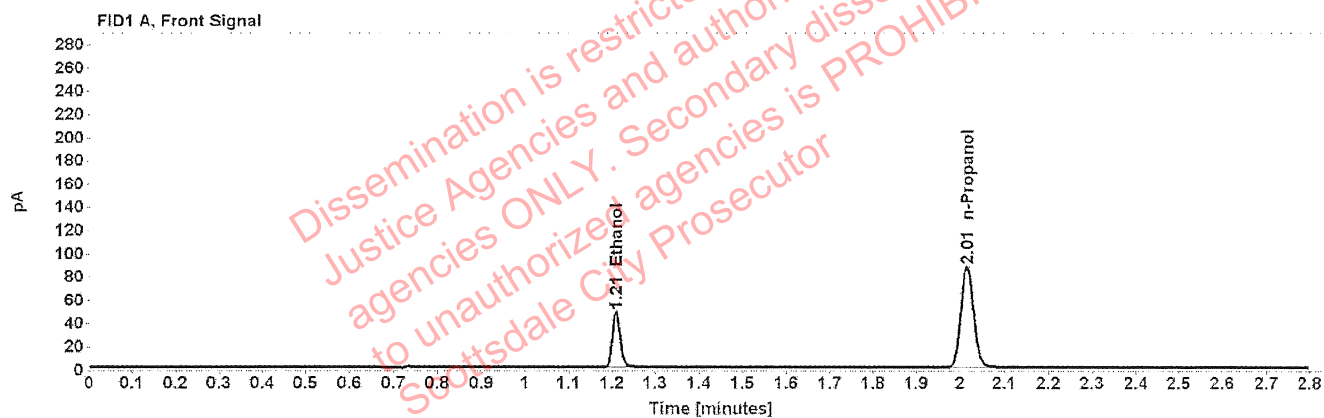


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	60.772
n-Propanol	2.015	173.933

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.910
n-Propanol	2.466	214.096

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN06231704	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 09Sep20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 9/9/2020 12:25:17 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\3.D	

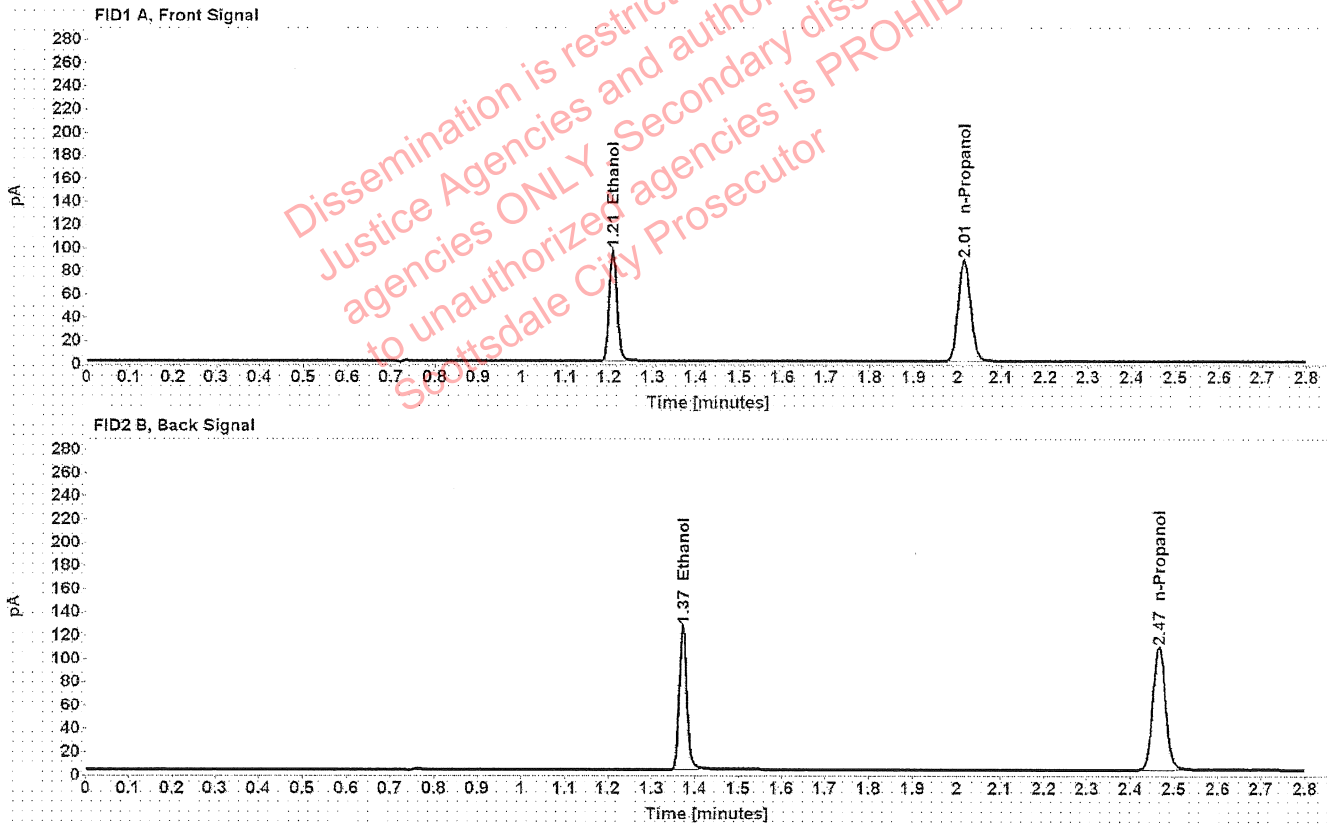


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	122.395
n-Propanol	2.015	174.454

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

Compound	Time (min)	Peak Area
Ethanol	1.372	153.404
n-Propanol	2.466	214.831

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05131606	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 09Sep20
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 9/9/2020 12:29:16 PM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Abbott <i>dr</i>
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\4.D	

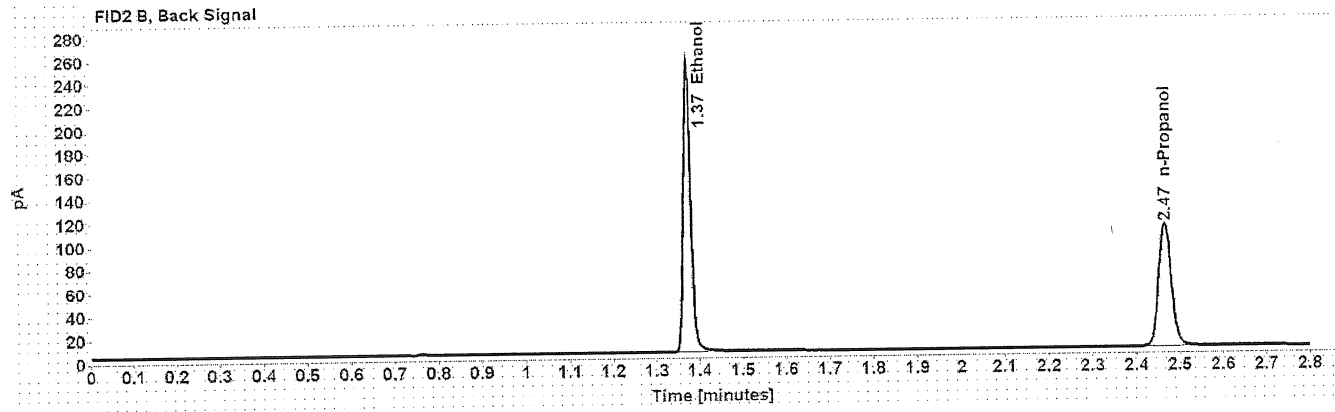
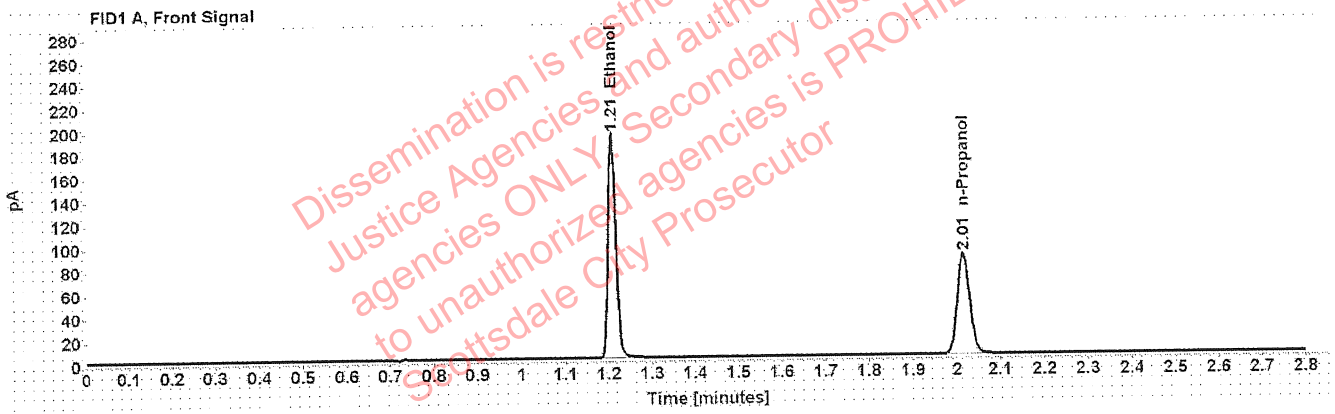


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	245.598
n-Propanol	2.015	173.884

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

Compound	Time (min)	Peak Area
Ethanol	1.372	308.665
n-Propanol	2.466	214.261

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 071420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 12:33:16 PM
Data file: C:\Chem32\1\Data\09Sep20\5.D	Analyst: Abbott <i>JA</i>

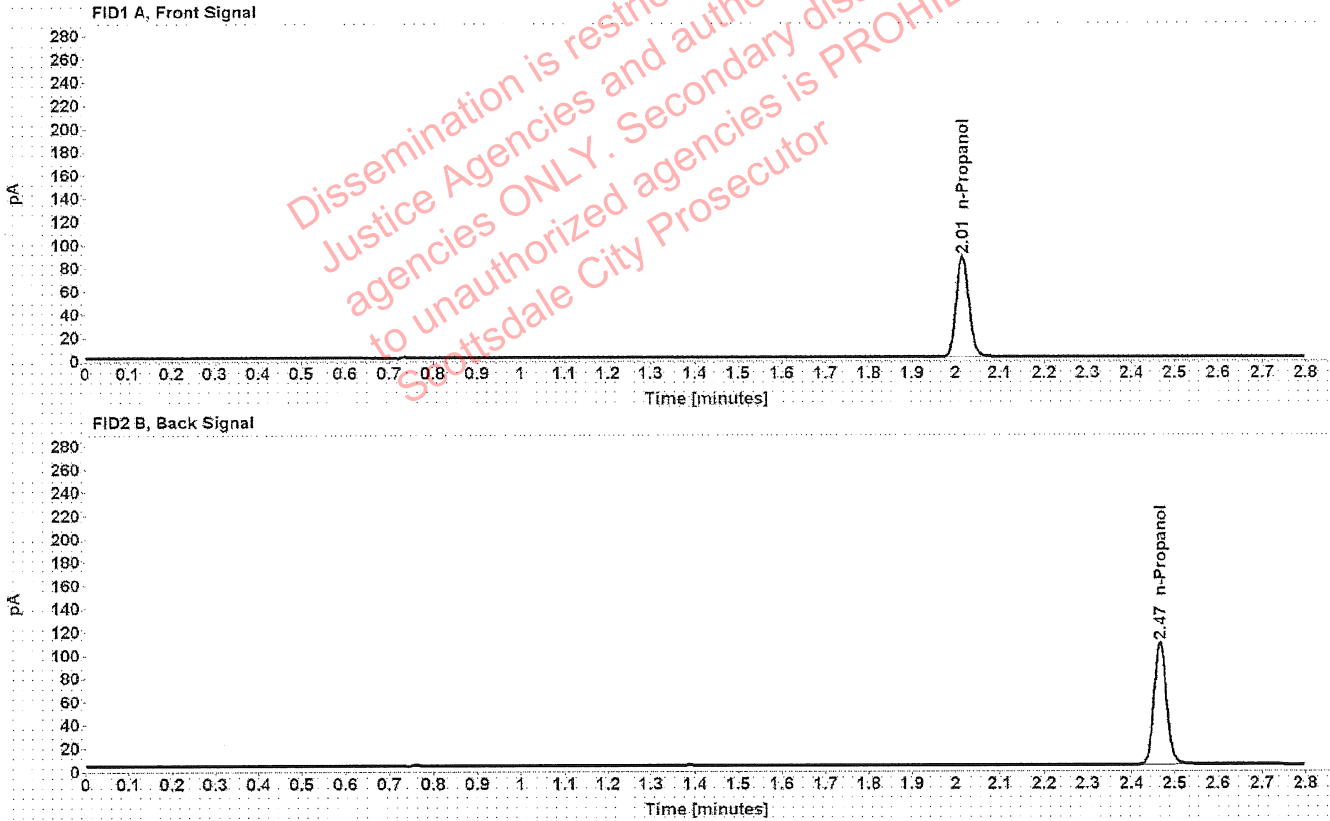


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	173.255

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	212.899

# 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> 09Sep20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 9/9/2020 12:37:16 PM
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\6.D	<b>Analyst:</b> Abbott <span style="float: right;"><i>Abbott</i></span>

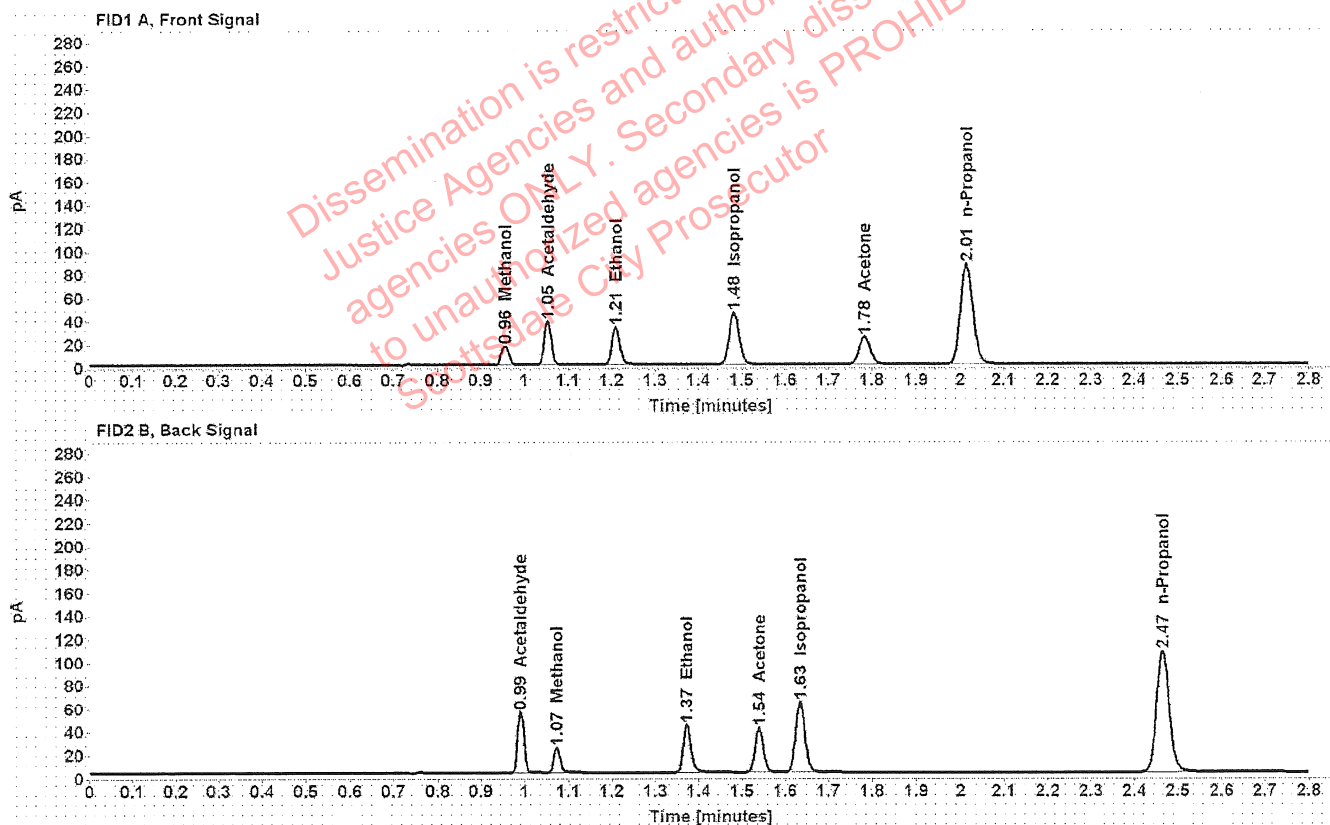


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.176
Acetaldehyde	-----	1.054	41.135
>Ethanol	0.0692	1.209	41.522
Isopropanol	-----	1.482	72.155
Acetone	-----	1.783	41.281
n-Propanol	-----	2.014	172.467

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	53.216
Methanol	1.074	23.424
Ethanol	1.373	51.865
Acetone	1.539	50.935
Isopropanol	1.634	92.654
n-Propanol	2.465	212.469



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 12:41:32 PM
Data file: C:\Chem32\1\Data\09Sep20\7.D	Analyst: Abbott <i>JA</i>

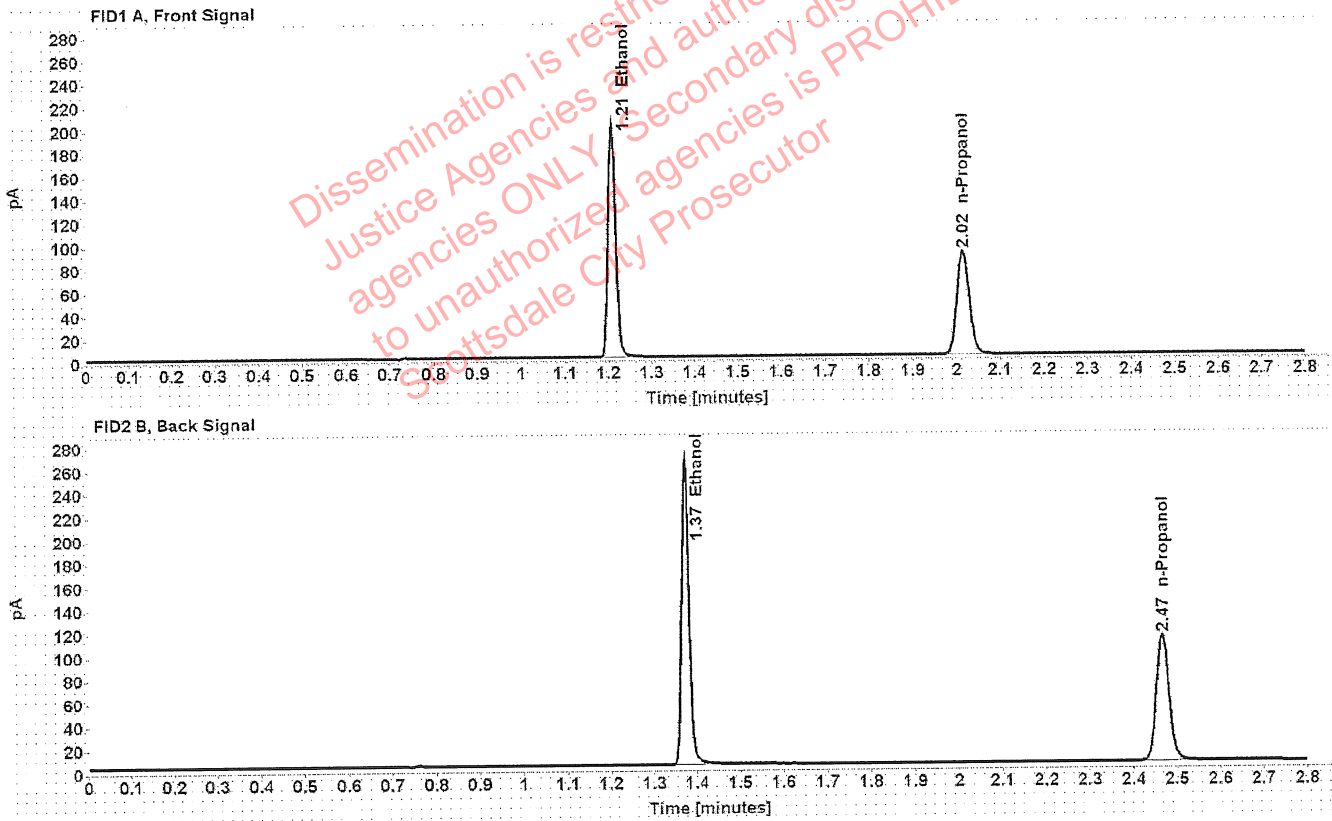


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4081	1.208	257.574
n-Propanol	-----	2.015	178.869

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

Compound	Time (min)	Peak Area
Ethanol	1.373	323.415
n-Propanol	2.467	220.265

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 12:45:32 PM
Data file: C:\Chem32\1\Data\09Sep20\8.D	Analyst: Abbott <i>[Signature]</i>

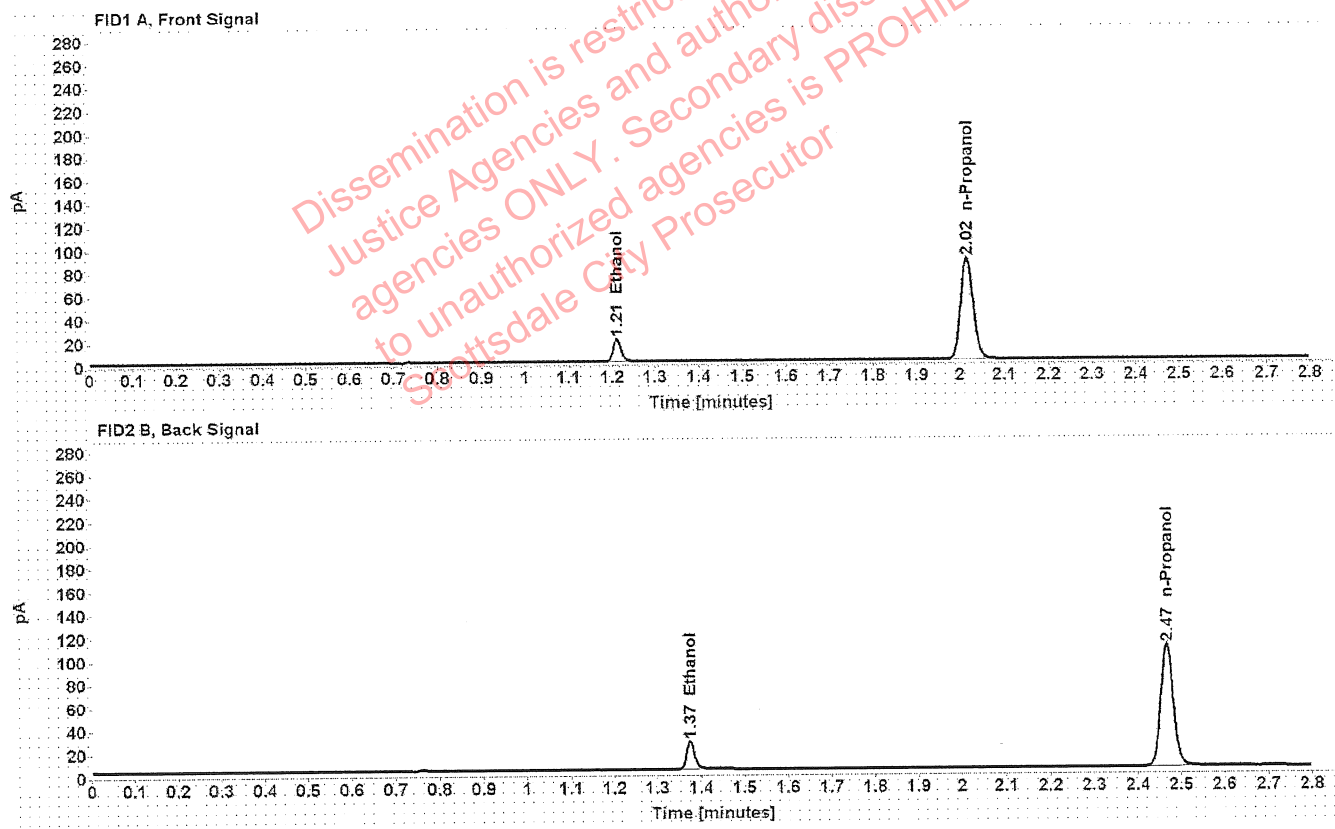


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.211	24.546
n-Propanol	-----	2.015	174.444

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.662
n-Propanol	2.467	214.131

# 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> 09Sep20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 9/9/2020 12:49:32 PM
<b>Data file:</b> C:\Chem32\1\Data\09Sep20\9.D	<b>Analyst:</b> Abbott <i>JA</i>

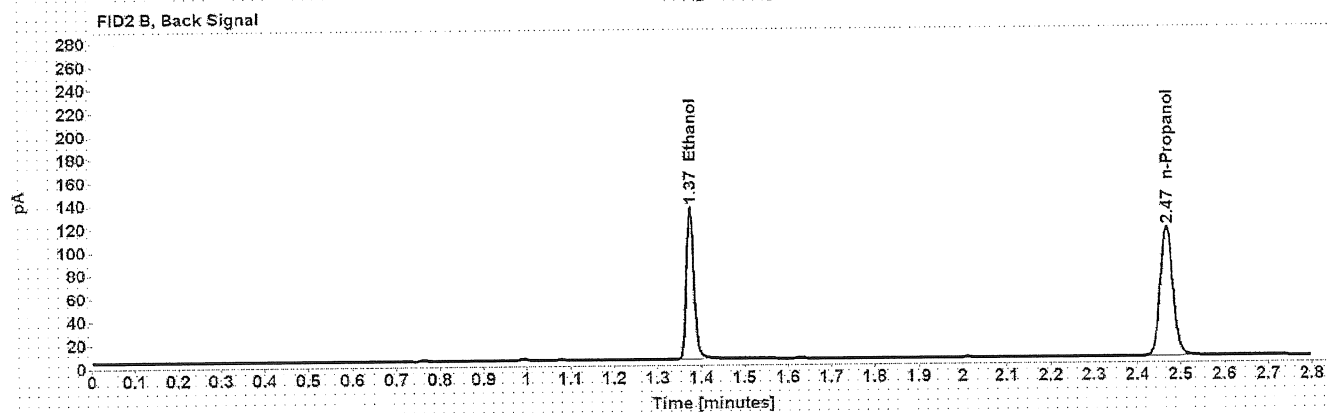
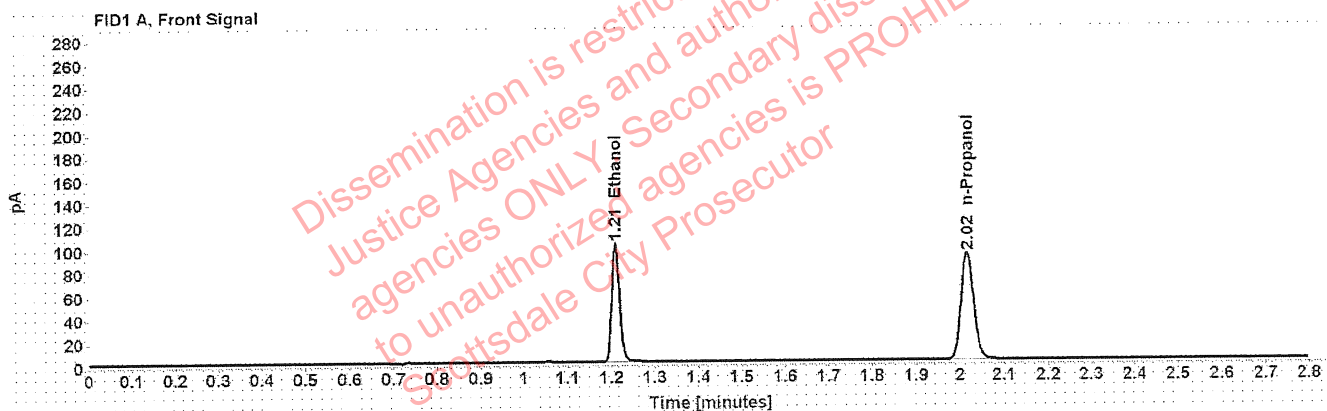


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2007	1.210	130.382
n-Propanol	-----	2.016	184.704

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.601
n-Propanol	2.468	227.097

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 1:34:03 PM
Data file: C:\Chem32\1\Data\09Sep20\20.D	Analyst: Abbott <i>BA</i>

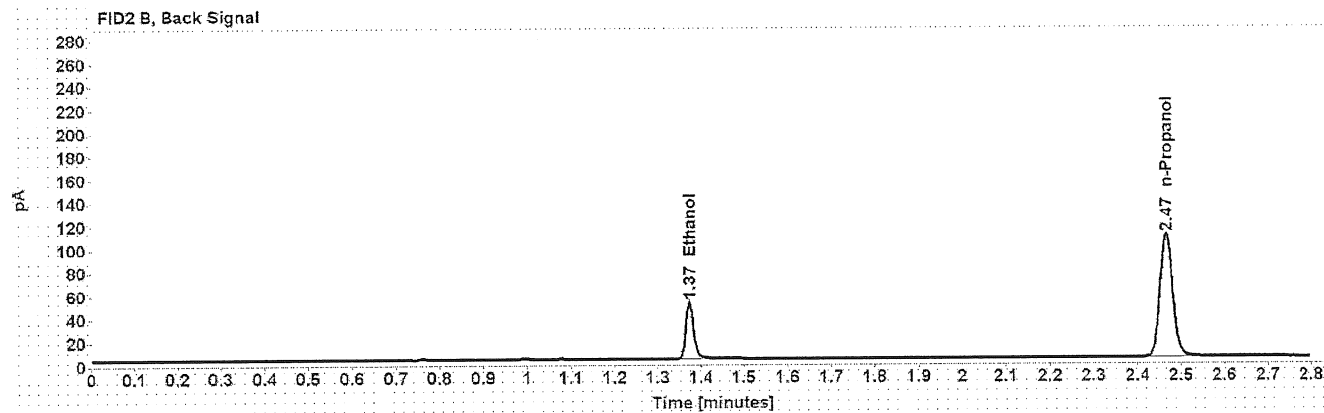
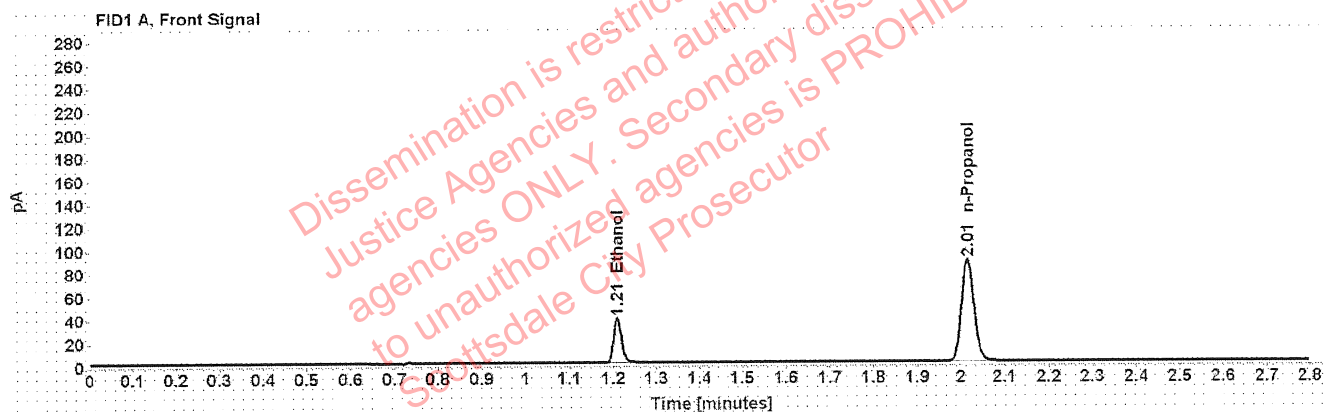


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	49.254
n-Propanol	-----	2.015	175.937

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.326
n-Propanol	2.466	215.643

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 2:18:31 PM
Data file: C:\Chem32\1\Data\09Sep20\31.D	Analyst: Abbott <i>da</i>

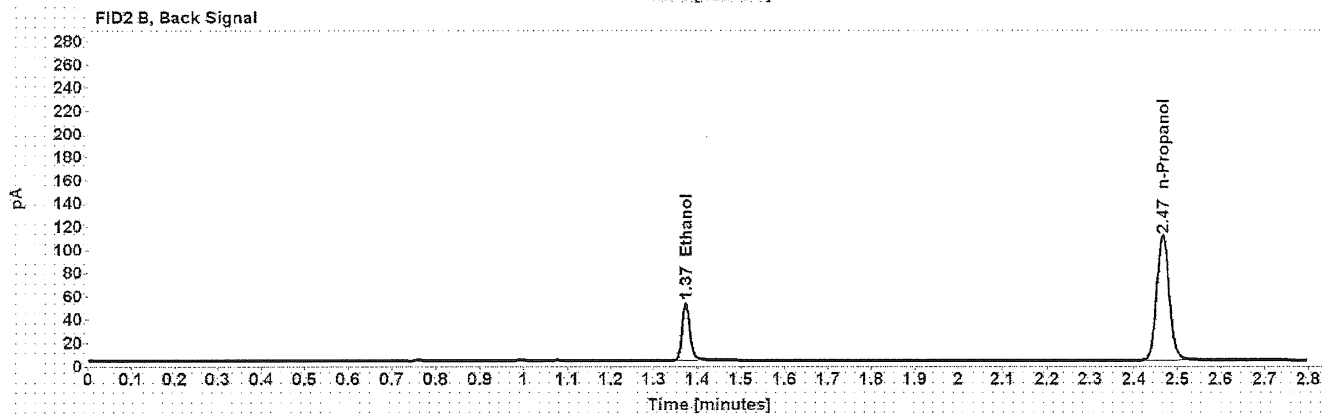
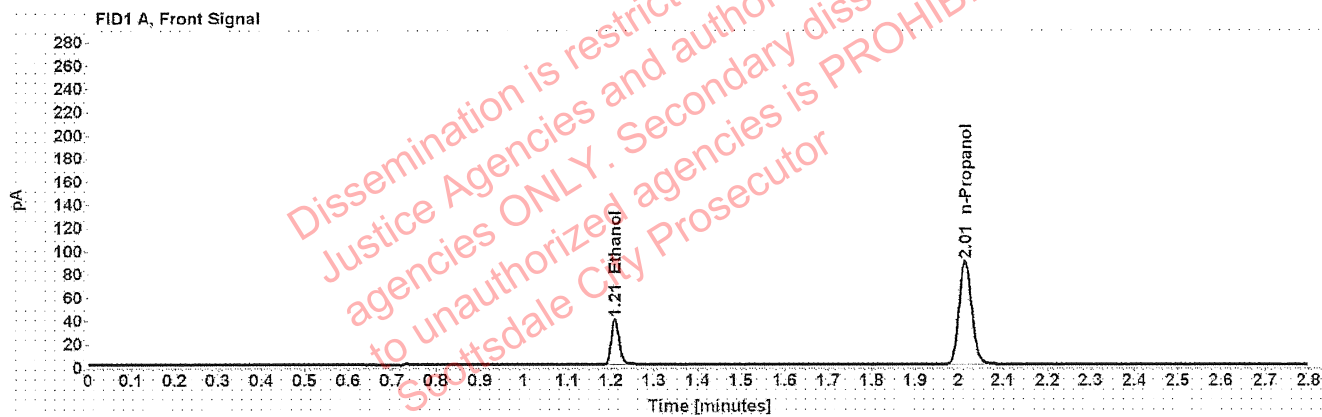


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.210	50.479
n-Propanol	-----	2.015	178.731

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.584
n-Propanol	2.466	218.736

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 3:02:49 PM
Data file:	C:\Chem32\1\Data\09Sep20\42.D	Analyst:	Abbott <i>JA</i>

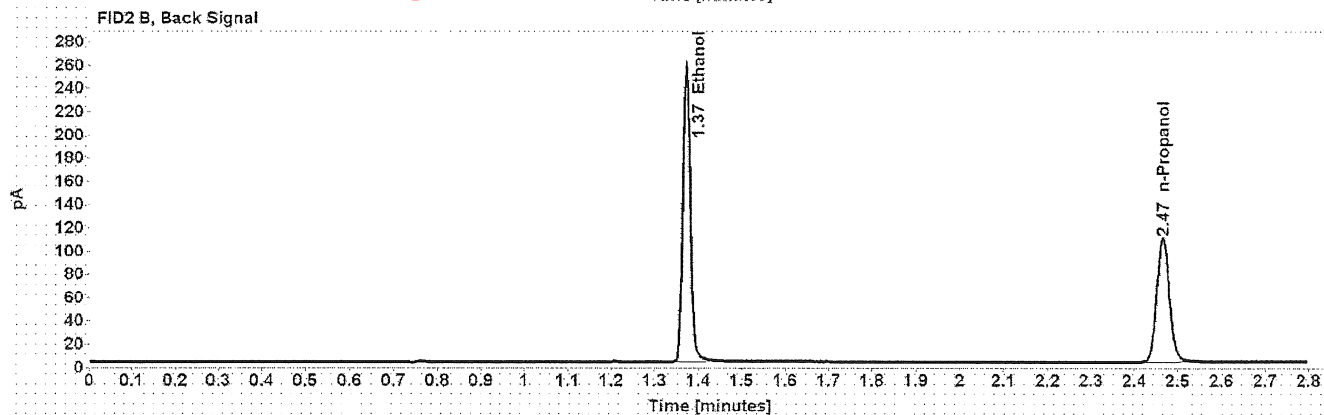
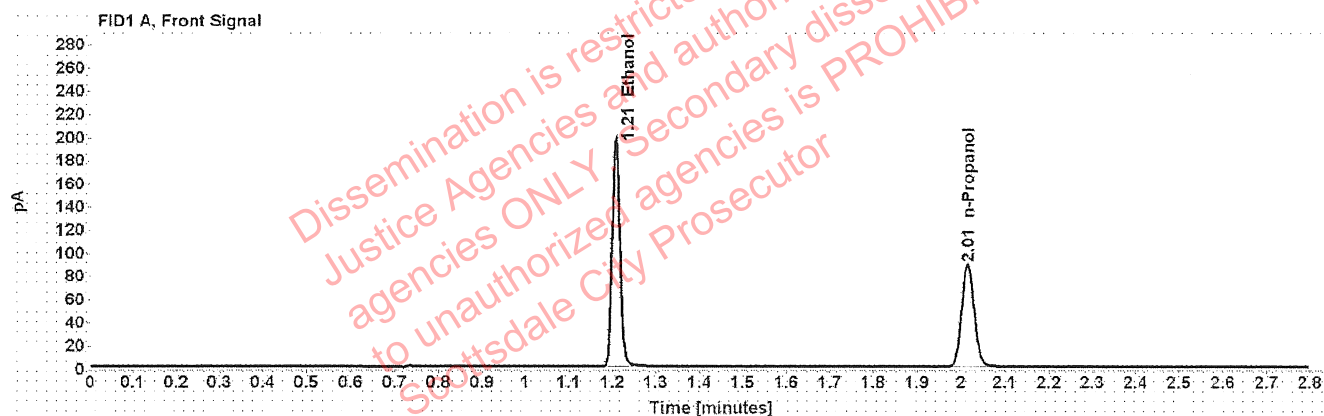


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4032	1.208	251.614
n-Propanol	-----	2.015	176.865

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

Compound	Time (min)	Peak Area
Ethanol	1.372	315.242
n-Propanol	2.466	217.158

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 43
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 09Sep20
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 9/9/2020 3:07:04 PM
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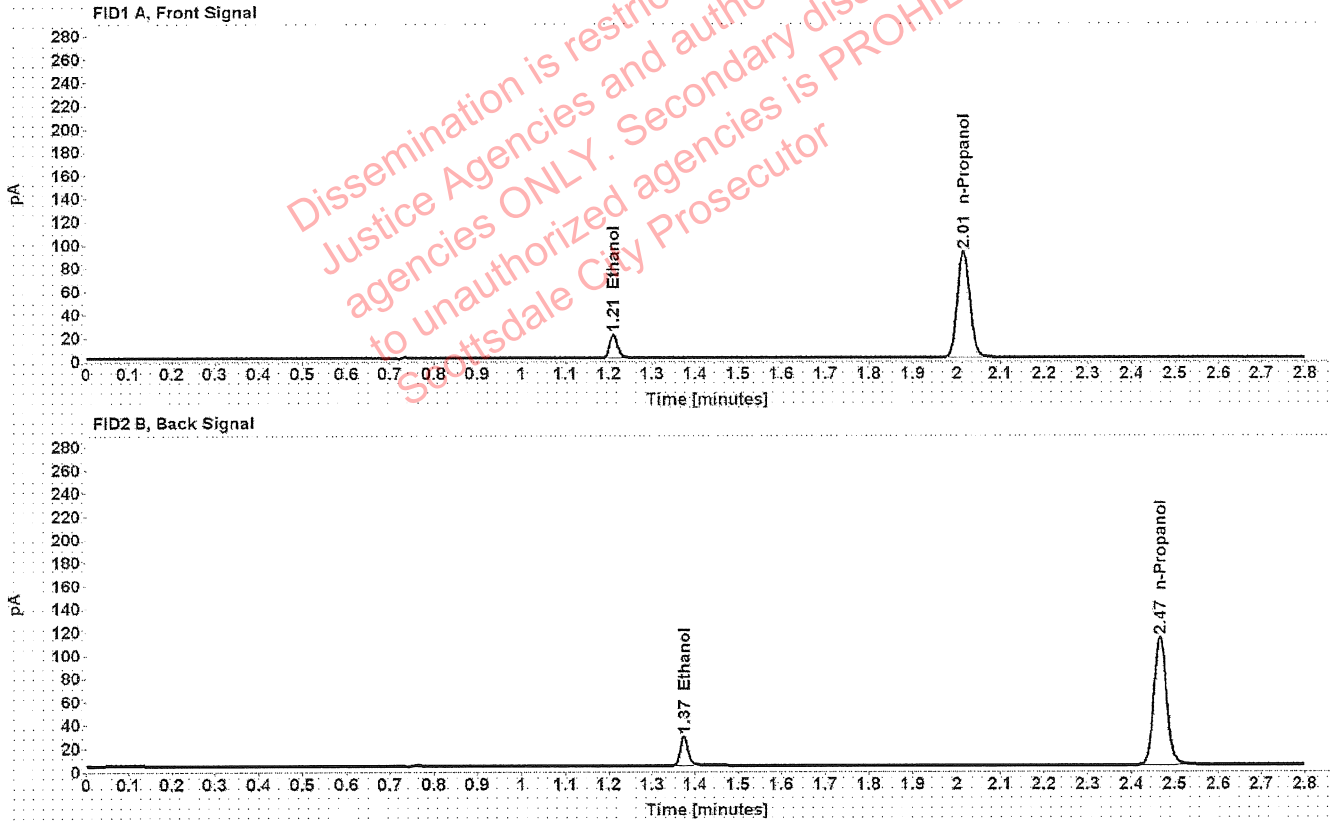


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.210	25.914
n-Propanol	-----	2.015	184.146

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

Compound	Time (min)	Peak Area
Ethanol	1.374	32.082
n-Propanol	2.466	225.209

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep20
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 3:11:03 PM
Data file: C:\Chem32\1\Data\09Sep20\44.D	Analyst: Abbott

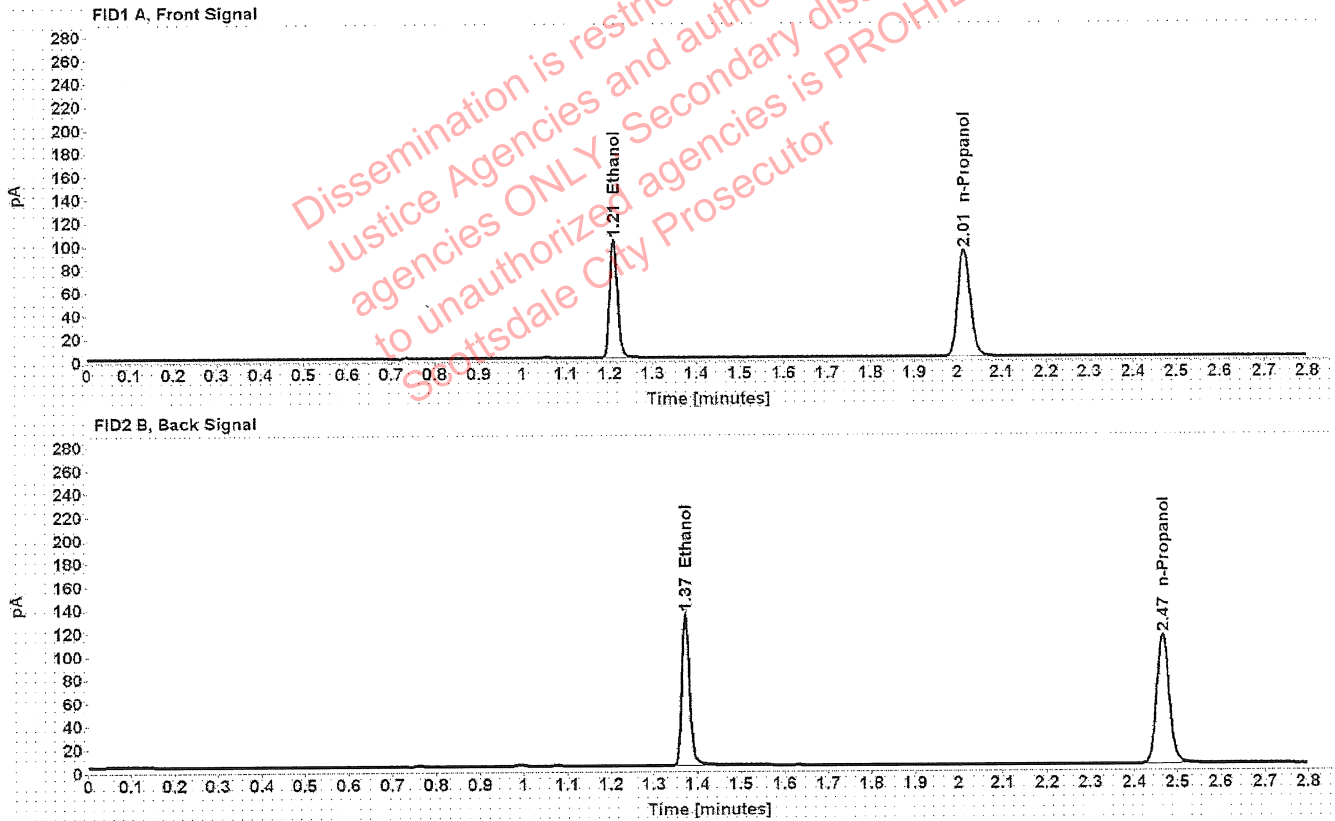


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2004	1.209	130.618
n-Propanol	-----	2.015	185.315

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

Compound	Time (min)	Peak Area
Ethanol	1.373	163.541
n-Propanol	2.466	227.263



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 040919WB	Vial: 45	
Description: Negative	LIMS ID:	
Method: ethanol quant.M	Sequence: 09Sep20	
Instrument: US14173023 CN14160045	Injection date: 9/9/2020 3:15:03 PM	
Data file: C:\Chem32\1\Data\09Sep20\45.D	Analyst: Abbott	<i>JA</i>

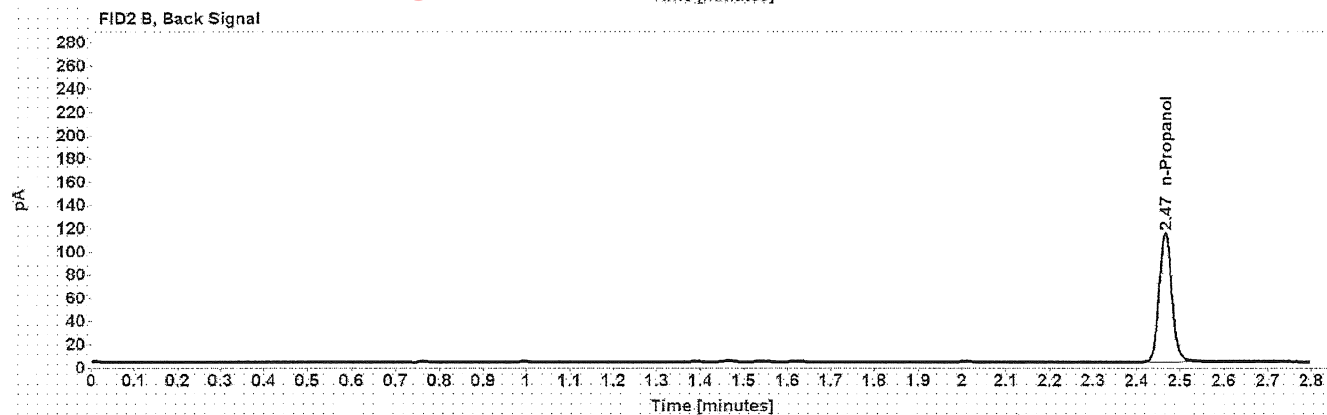
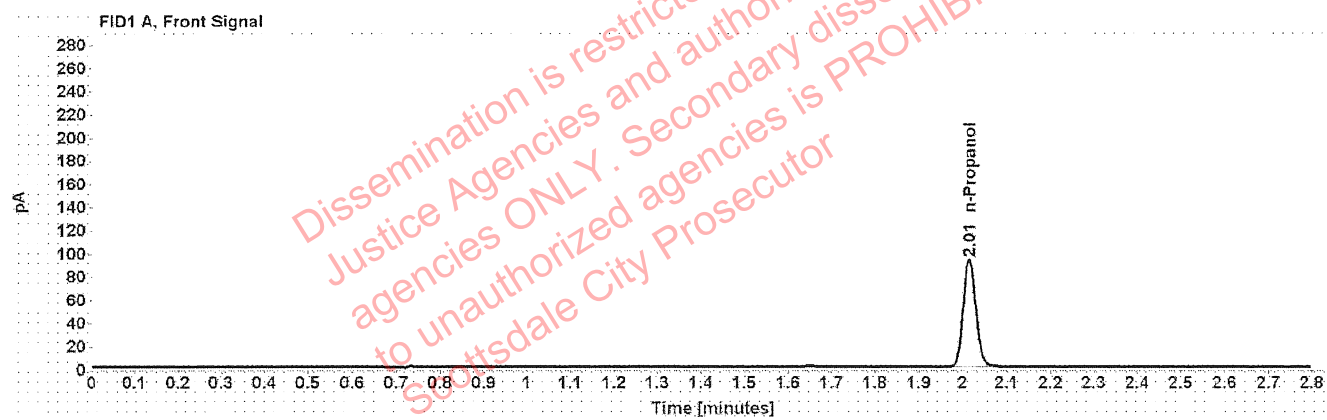


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	185.728

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	227.470

# Sequence Summary


Sequence name: 09Sep20      Instrument: US14173023 CN14160045      Analyst: Abbott 

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN02271802	0.100 calibrator	Calibration		ethanol quant.M
3	FN06231704	0.200 calibrator	Calibration		ethanol quant.M
4	FN05131606	0.400 calibrator	Calibration		ethanol quant.M
5	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	1293335		Sample		ethanol quant.M
11	1293335		Sample		ethanol quant.M
12	1336251		Sample		ethanol quant.M
13	1336251		Sample		ethanol quant.M
14	1336018		Sample		ethanol quant.M
15	1336018		Sample		ethanol quant.M
16	1332397		Sample		ethanol quant.M
17	1332397		Sample		ethanol quant.M
18	1336031		Sample		ethanol quant.M
19	1336031		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1336265		Sample		ethanol quant.M
22	1336265		Sample		ethanol quant.M
23	1336452		Sample		ethanol quant.M
24	1336452		Sample		ethanol quant.M
25	1290561		Sample		ethanol quant.M
26	1290561		Sample		ethanol quant.M
27	1336135		Sample		ethanol quant.M
28	1336135		Sample		ethanol quant.M
29	1336723		Sample		ethanol quant.M
30	1336723		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1336165		Sample		ethanol quant.M
33	1336165		Sample		ethanol quant.M
34	1336713		Sample		ethanol quant.M
35	1336713		Sample		ethanol quant.M
36	1336704		Sample		ethanol quant.M
37	1336704		Sample		ethanol quant.M
38	1336297		Sample		ethanol quant.M
39	1336297		Sample		ethanol quant.M
40	1337369		Sample		ethanol quant.M
41	1337369		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	040919WB	Negative	Control		ethanol quant.M

Dissemination restricted to Criminal Justice Agencies and authorized agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 09Sep20

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1353	0.1352	0.13525	0.04	0.00005
12 13	0.0000	0.0000	0.00000	0.00	0.00000
14 15	0.1413	0.1418	0.14155	0.18	0.00025
16 17	0.1239	0.1231	0.12350	0.32	0.00040
18 19	0.0328	0.0325	0.03265	0.46	0.00015
21 22	0.2709	0.2715	0.27120	0.11	0.00030
23 24	0.1603	0.1601	0.16020	0.06	0.00010
25 26	0.0000	0.0000	0.00000	0.00	0.00000
27 28	0.0687	0.0675	0.06810	0.88	0.00060
29 30	0.3152	0.3158	0.31550	0.10	0.00030
32 33	0.1931	0.1929	0.19300	0.05	0.00010
34 35	0.1765	0.1772	0.17685	0.20	0.00035
36 37	0.1485	0.1501	0.14930	0.54	0.00080
38 39	0.1779	0.1746	0.17625	0.94	0.00165
40 41	0.1832	0.1847	0.18395	0.41	0.00075

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

Dissemination restricted to Criminal Justice Agencies and authorized agencies only. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

# Scottsdale Forensic Lab Blood Alcohol Pipetting Log

**ANALYST:** Abbott 

**SEQUENCE:** 09Sep20

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1293335	1293335	1293335	Yes
Vials 12 and 13	1336251	1336251	1336251	Yes
Vials 14 and 15	1336018	1336018	1336018	Yes
Vials 16 and 17	1332397	1332397	1332397	Yes
Vials 18 and 19	1336031	1336031	1336031	Yes
Vials 21 and 22	1336265	1336265	1336265	Yes
Vials 23 and 24	1336452	1336452	1336452	Yes
Vials 25 and 26	1290561	1290561	1290561	Yes
Vials 27 and 28	1336135	1336135	1336135	Yes
Vials 29 and 30	1336723	1336723	1336723	Yes
Vials 32 and 33	1336165	1336165	1336165	Yes
Vials 34 and 35	1336713	1336713	1336713	Yes
Vials 36 and 37	1336704	1336704	1336704	Yes
Vials 38 and 39	1336297	1336297	1336297	Yes
Vials 40 and 41	1337369	1337369	1337369	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293335	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 12:53:31 PM
Data file:	C:\Chem32\1\Data\09Sep20\10.D	Analyst:	Abbott

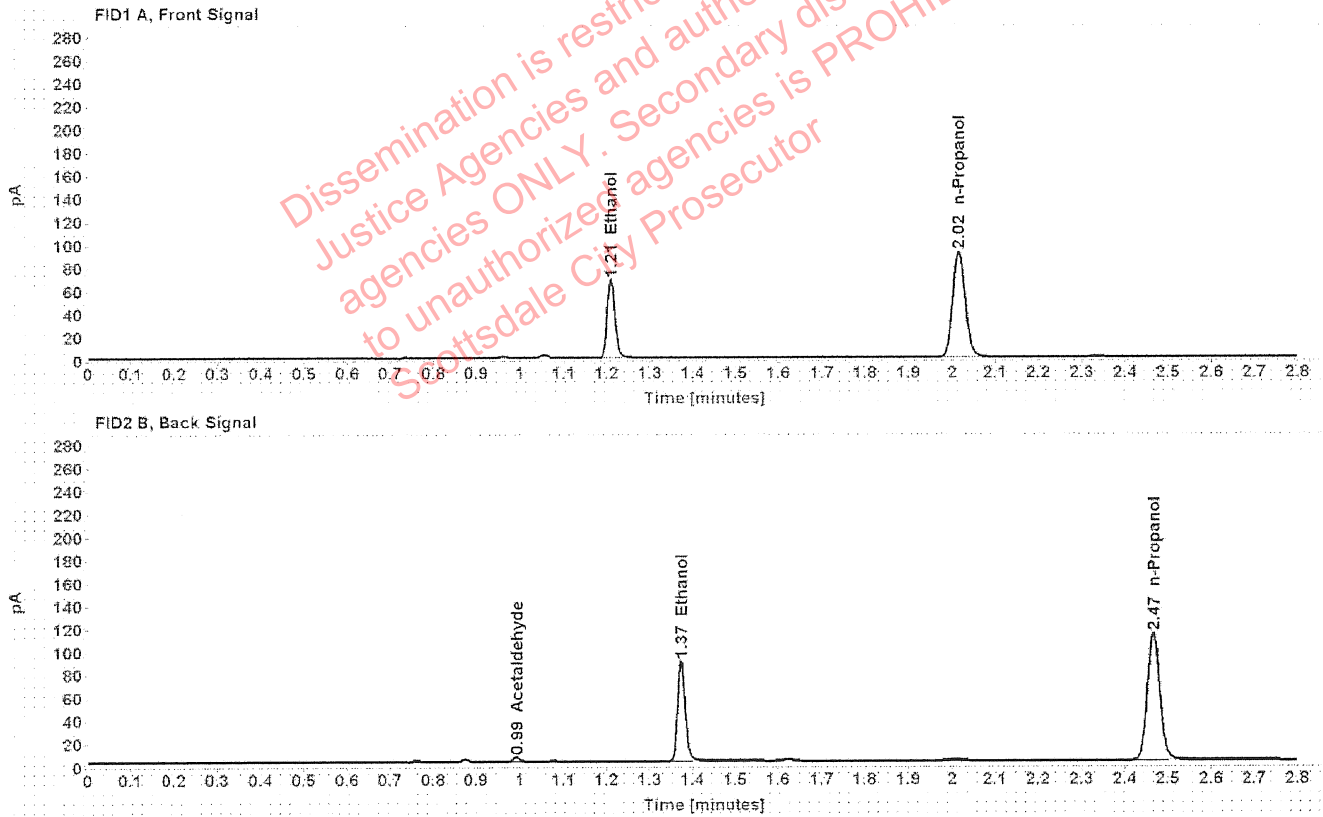


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1353	1.209	86.773
n-Propanol	-----	2.015	182.812

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.812
Ethanol	1.374	108.385
n-Propanol	2.467	225.484

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1293335	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 12:57:32 PM
Data file:	C:\Chem32\1\Data\09Sep20\11.D	Analyst:	Abbott

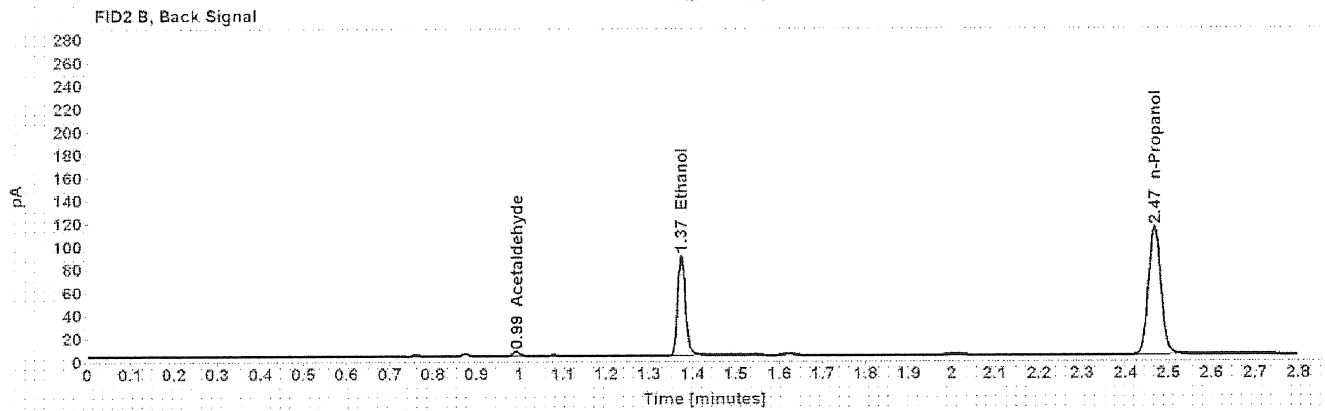
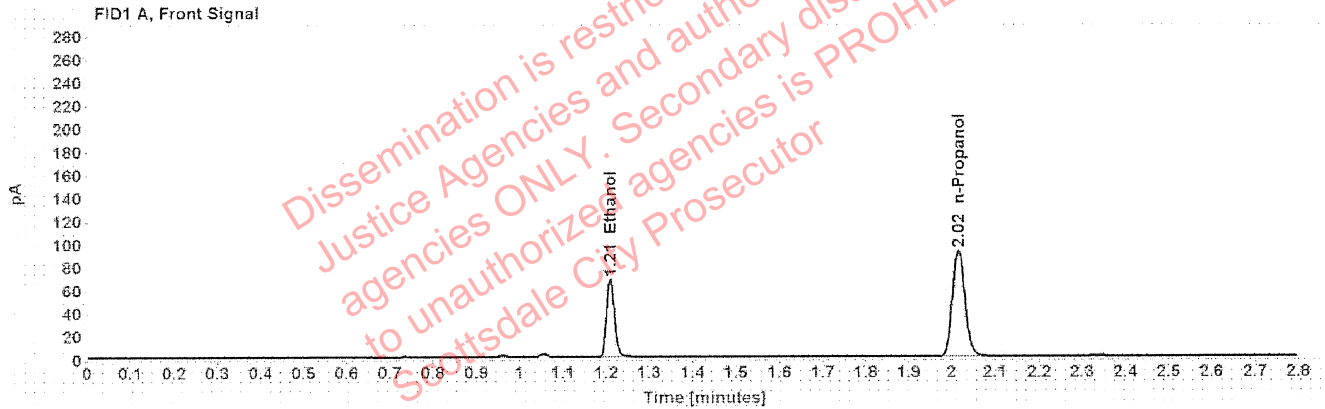


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1352	1.210	87.003
n-Propanol	-----	2.015	183.488

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.789
Ethanol	1.374	108.657
n-Propanol	2.467	226.326

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336251	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:01:31 PM
Data file:	C:\Chem32\1\Data\09Sep20\12.D	Analyst:	Abbott

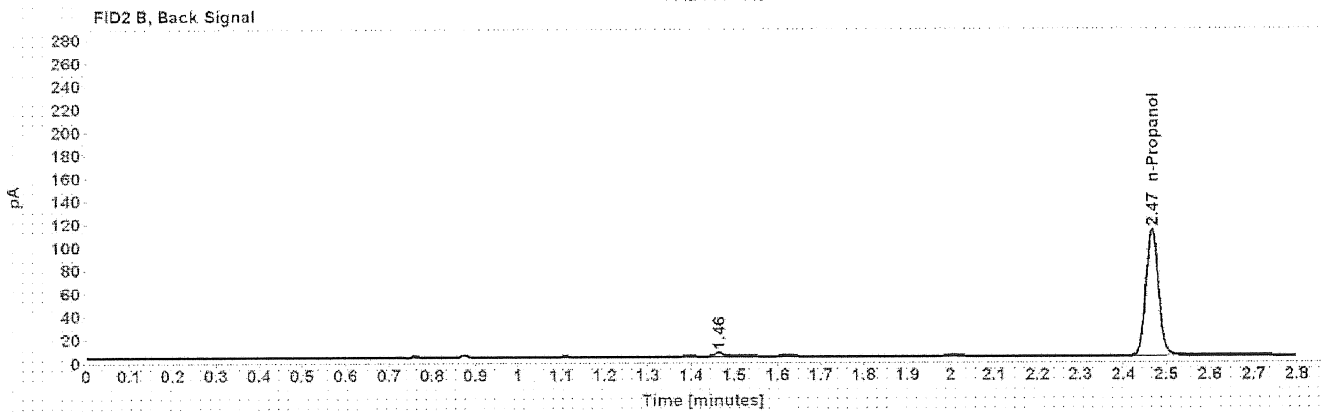
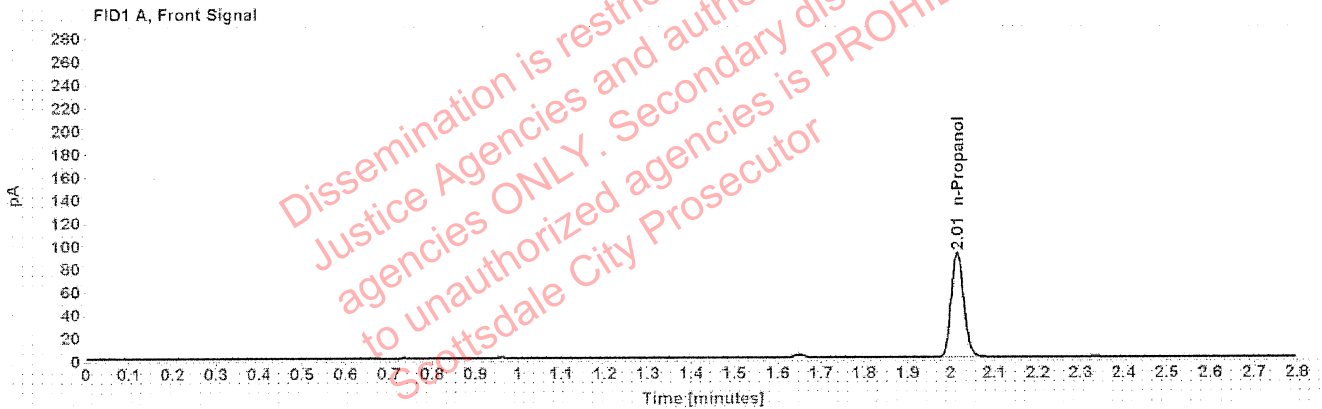


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	181.252

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	223.530

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336251	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:05:46 PM
Data file:	C:\Chem32\1\Data\09Sep20\13.D	Analyst:	Abbott

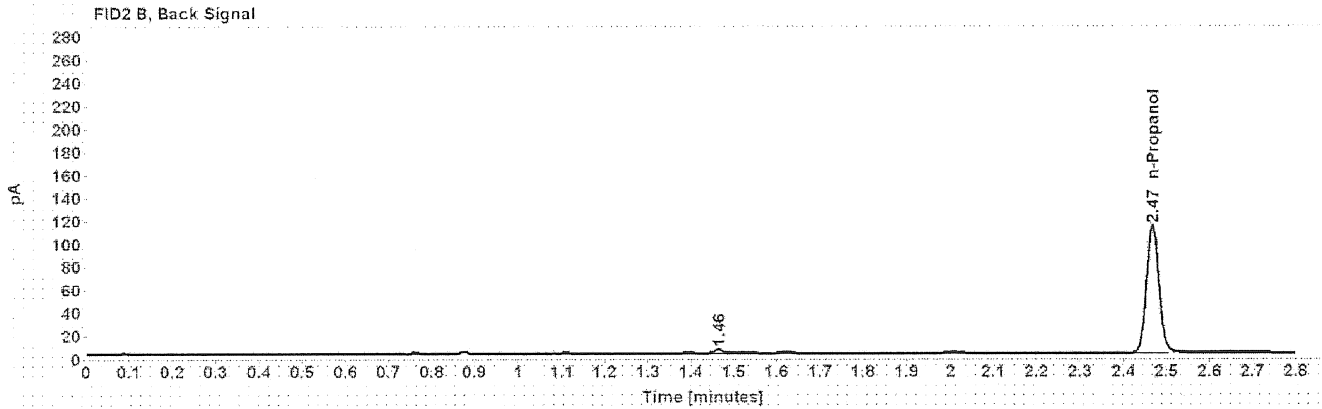
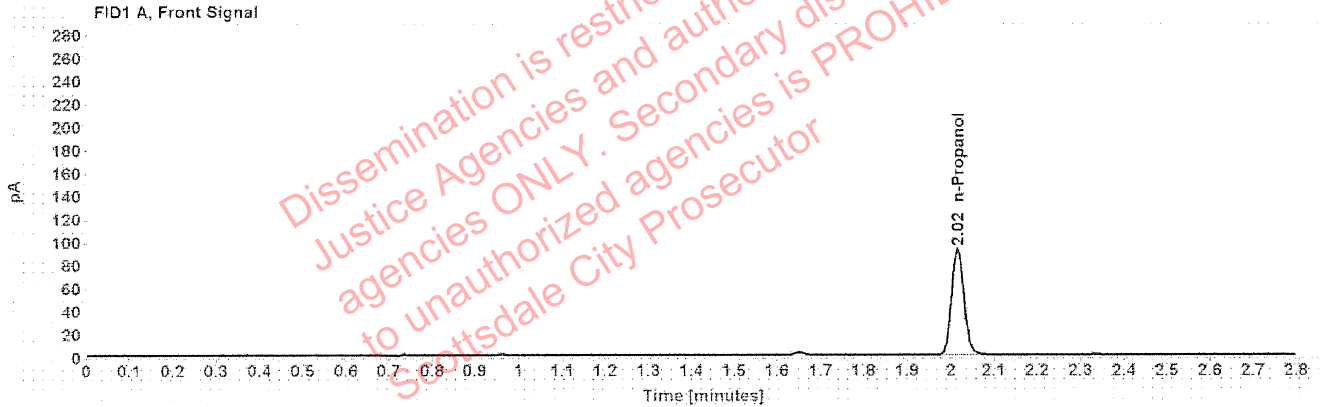


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	184.733

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	226.258



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336018	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:09:46 PM
Data file:	C:\Chem32\1\Data\09Sep20\14.D	Analyst:	Abbott

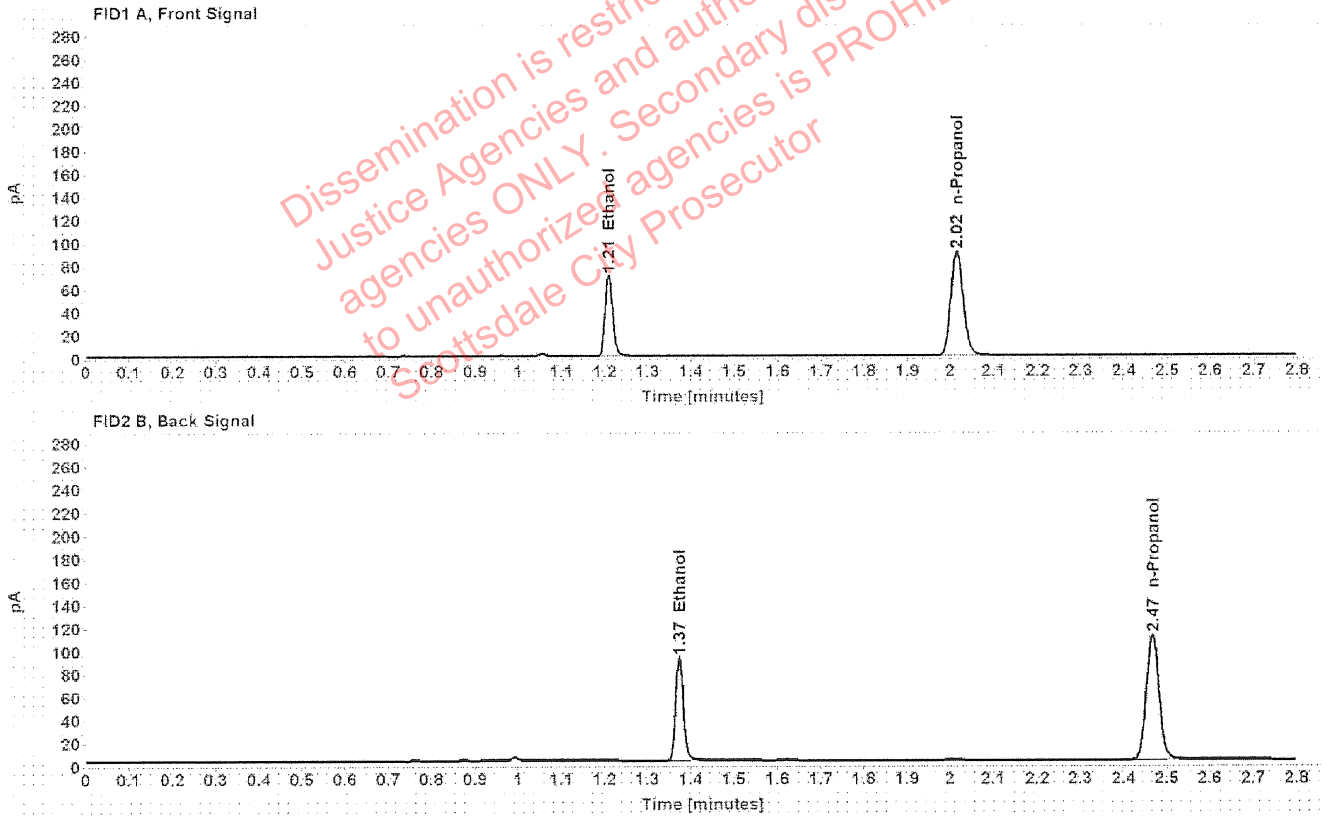


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1413	1.209	89.513
n-Propanol	-----	2.015	180.569

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

Compound	Time (min)	Peak Area
Ethanol	1.373	111.616
n-Propanol	2.466	221.714

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336018	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:13:47 PM
Data file:	C:\Chem32\1\Data\09Sep20\15.D	Analyst:	Abbott

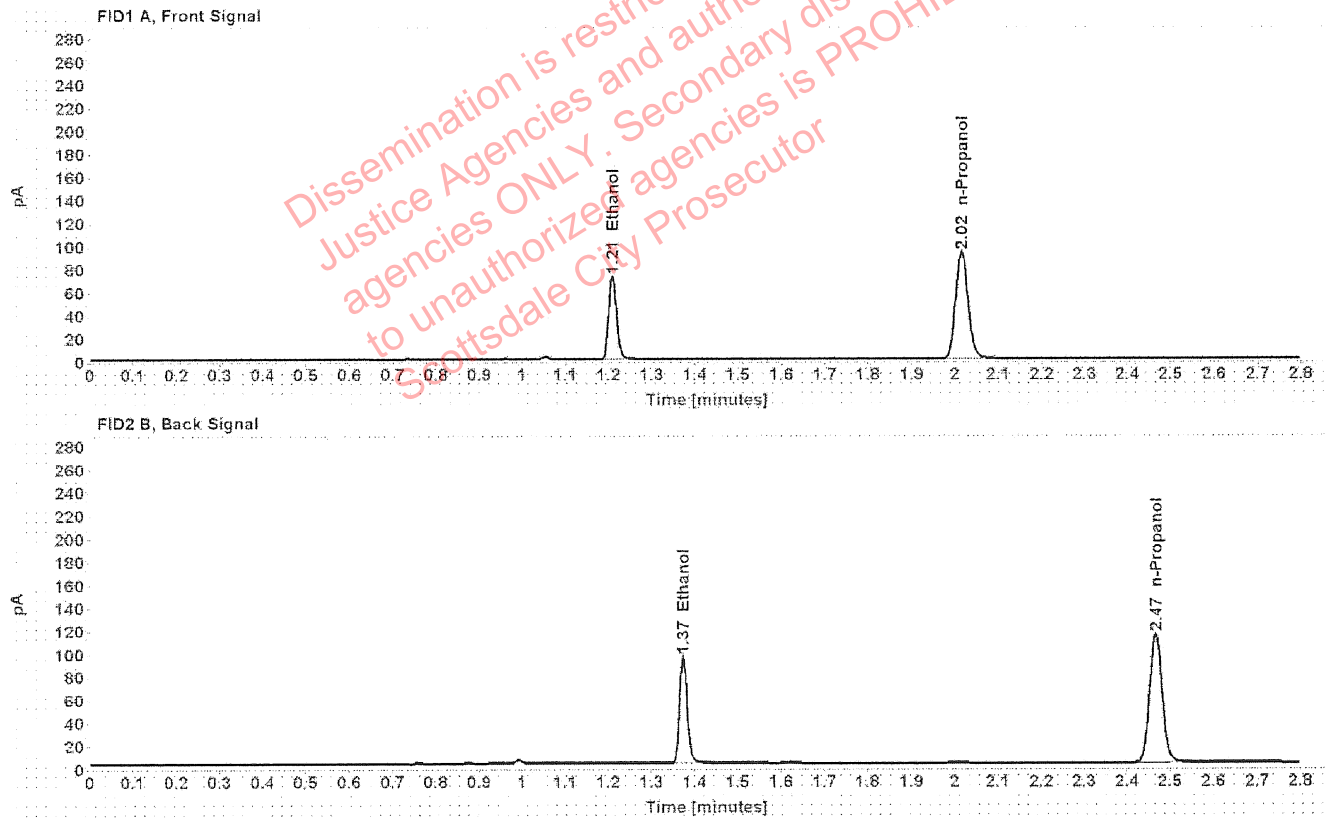


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1418	1.209	92.416
n-Propanol	-----	2.015	185.702

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

Compound	Time (min)	Peak Area
Ethanol	1.374	115.516
n-Propanol	2.467	228.128

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332397	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:17:46 PM
Data file:	C:\Chem32\1\Data\09Sep20\16.D	Analyst:	Abbott

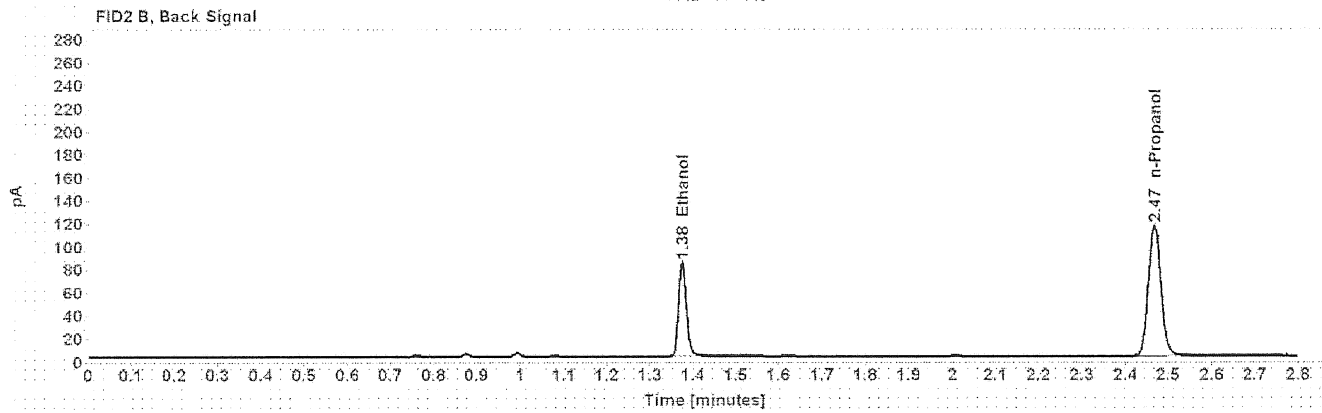
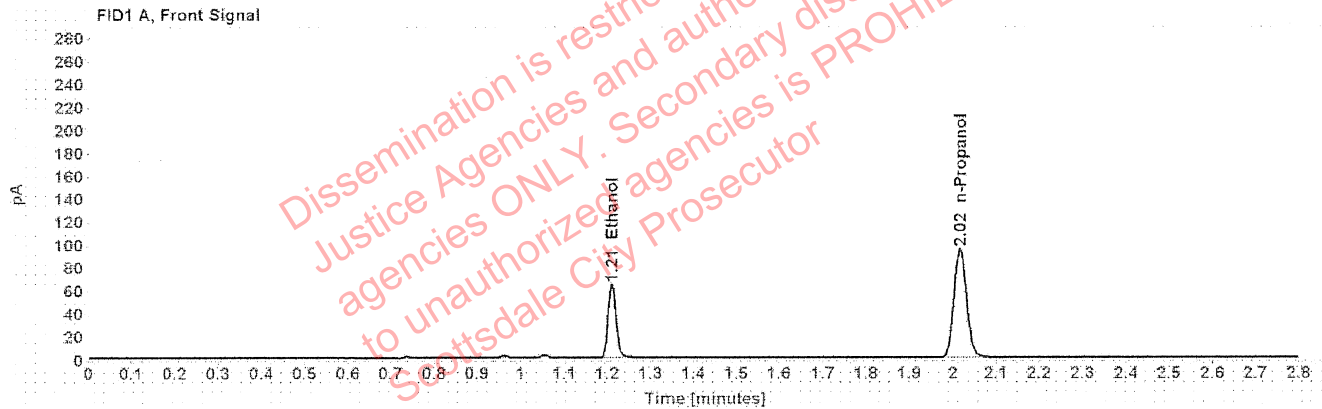


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1239	1.210	81.999
n-Propanol	-----	2.016	188.841

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

Compound	Time (min)	Peak Area
Ethanol	1.375	102.042
n-Propanol	2.468	231.533

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1332397	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:21:46 PM
Data file:	C:\Chem32\1\Data\09Sep20\17.D	Analyst:	Abbott

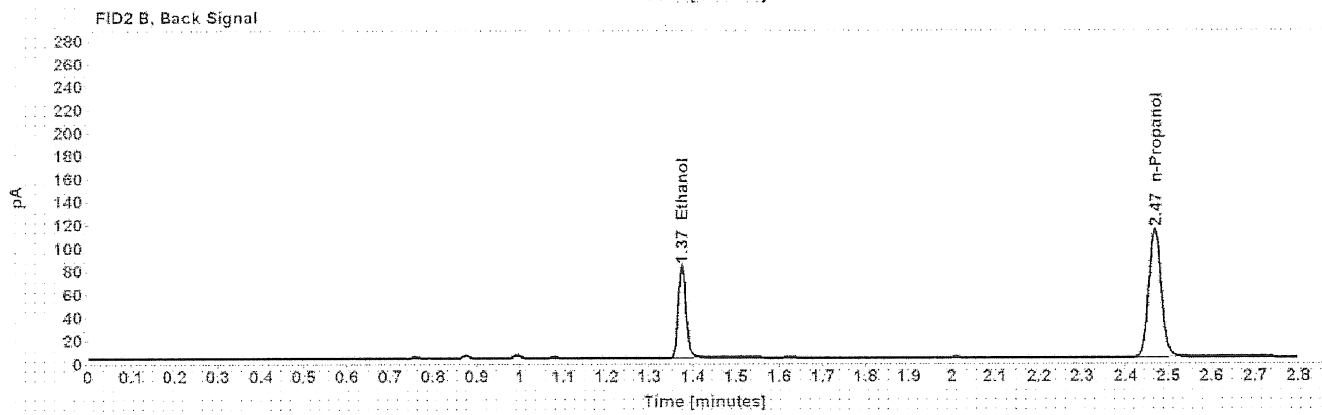
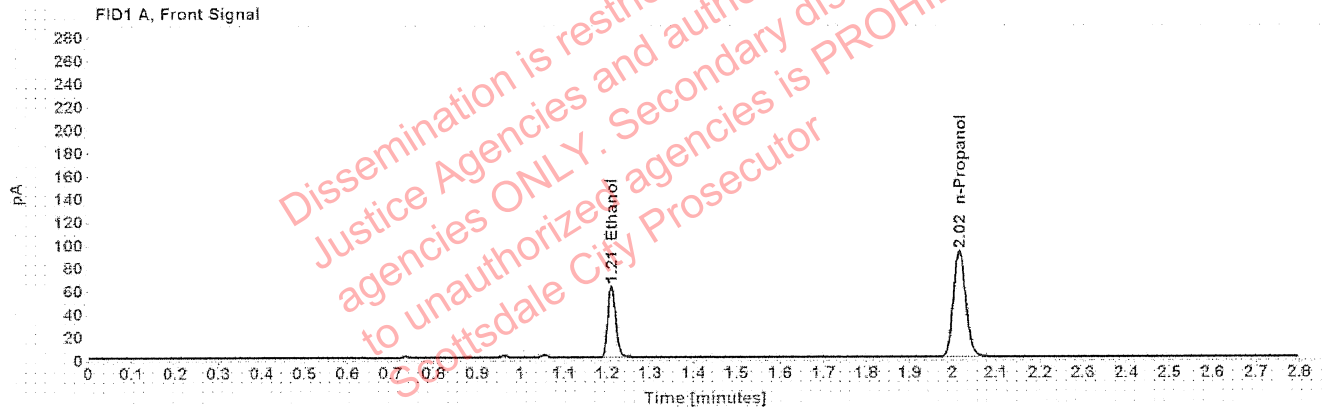


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1231	1.210	79.399
n-Propanol	-----	2.016	184.090

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

Compound	Time (min)	Peak Area
Ethanol	1.375	98.806
n-Propanol	2.468	225.599

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336031	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:25:48 PM
Data file:	C:\Chem32\1\Data\09Sep20\18.D	Analyst:	Abbott

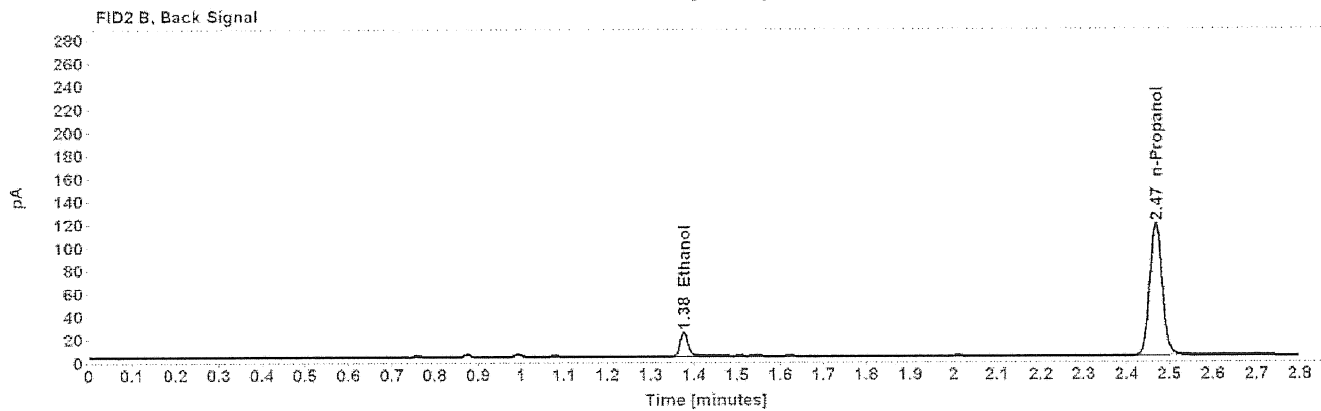
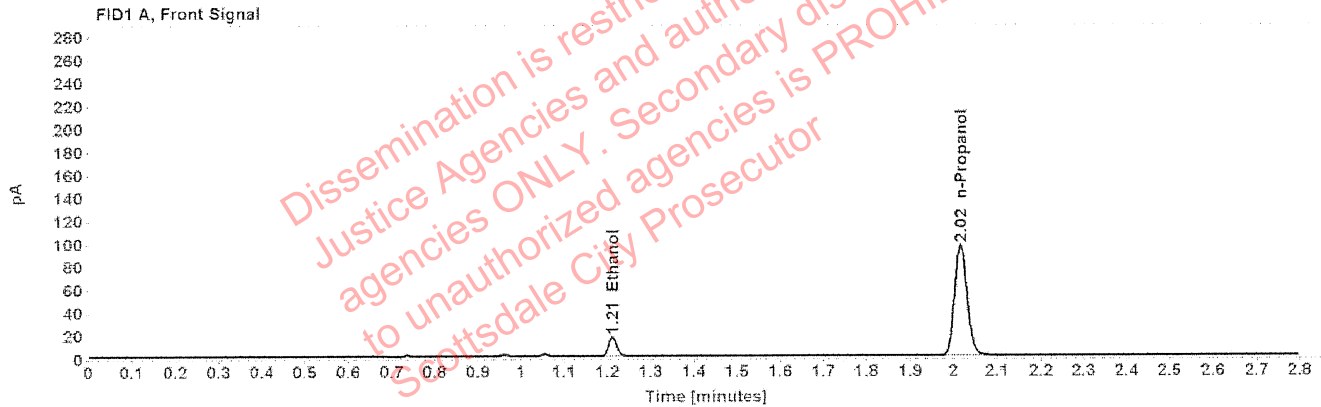


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0328	1.212	21.393
n-Propanol	-----	2.016	191.146

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

Compound	Time (min)	Peak Area
Ethanol	1.376	27.092
n-Propanol	2.468	234.430

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336031	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:30:02 PM
Data file:	C:\Chem32\1\Data\09Sep20\19.D	Analyst:	Abbott

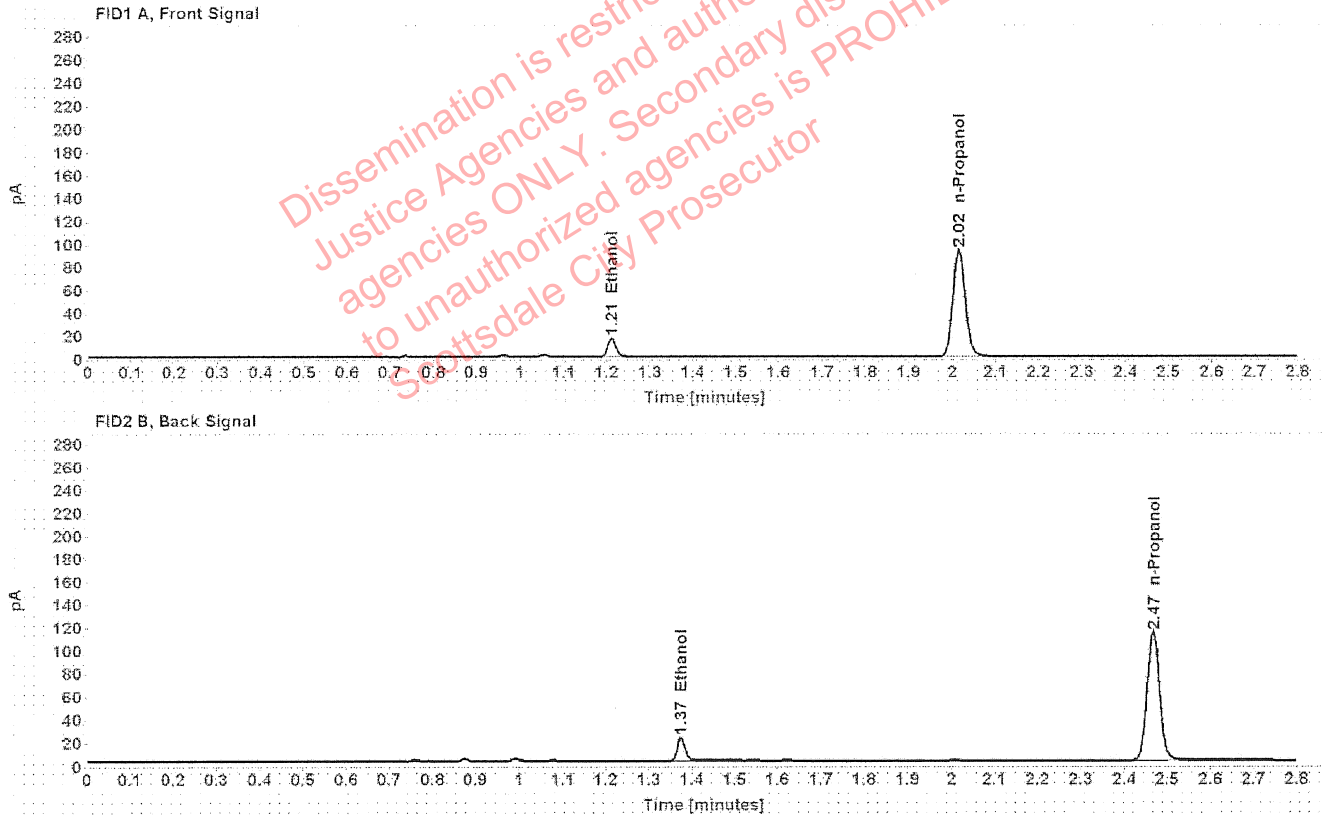


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0325	1.211	20.574
n-Propanol	-----	2.015	185.736

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

Compound	Time (min)	Peak Area
Ethanol	1.375	25.981
n-Propanol	2.466	227.884

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336265	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:38:01 PM
Data file:	C:\Chem32\1\Data\09Sep20\21.D	Analyst:	Abbott

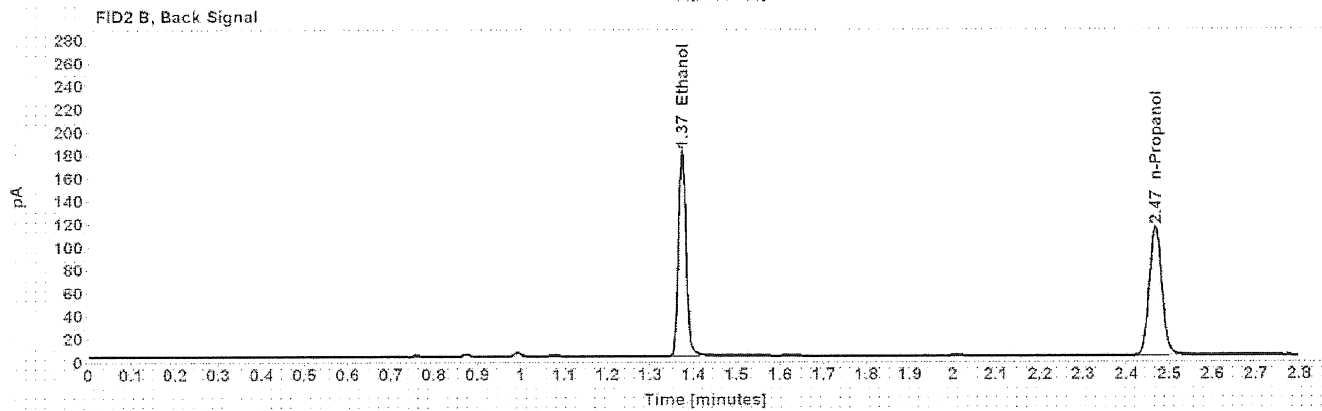
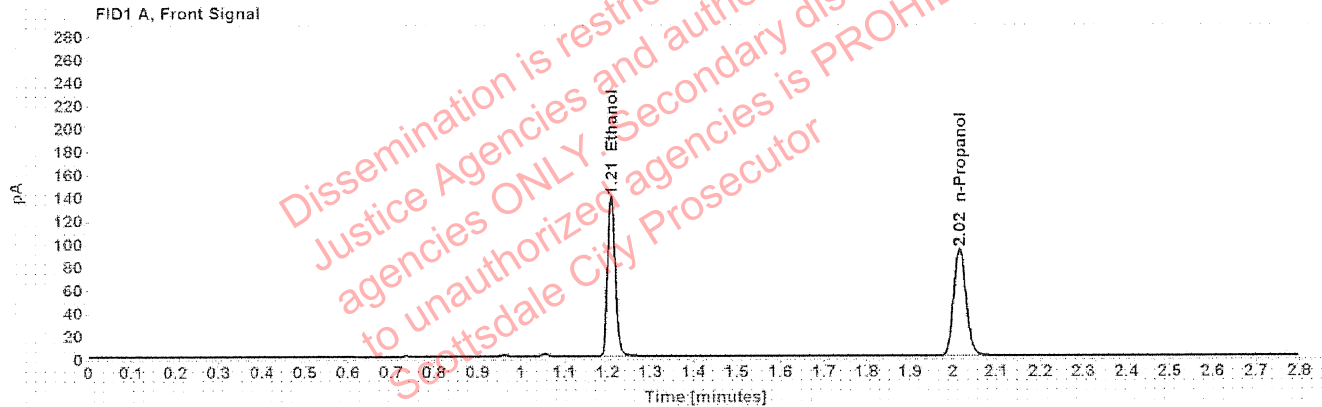


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2709	1.209	177.043
n-Propanol	-----	2.015	185.447

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

Compound	Time (min)	Peak Area
Ethanol	1.373	221.595
n-Propanol	2.467	227.578

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336265	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:42:02 PM
Data file:	C:\Chem32\1\Data\09Sep20\22.D	Analyst:	Abbott

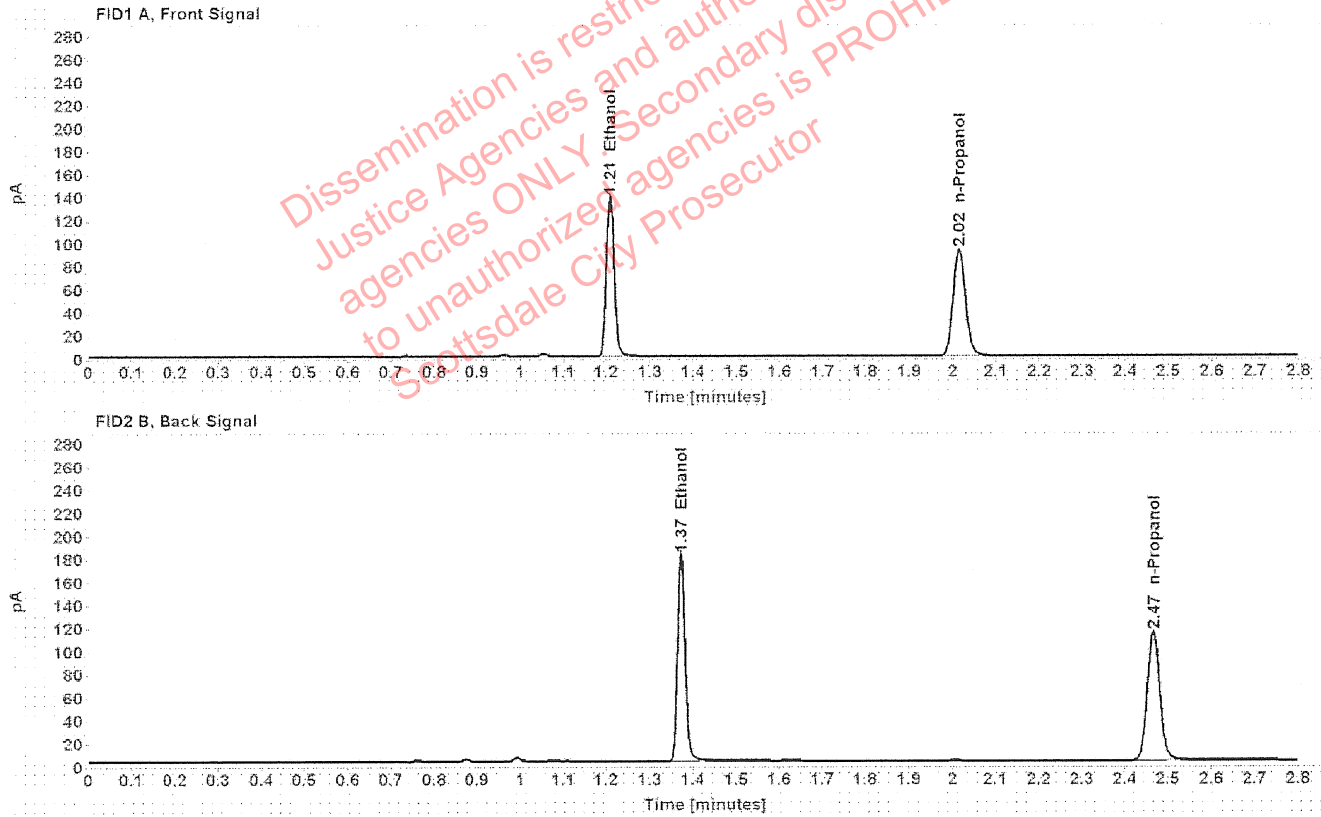


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2715	1.209	177.443
n-Propanol	-----	2.015	185.466

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

Compound	Time (min)	Peak Area
Ethanol	1.373	222.027
n-Propanol	2.466	227.660



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336452	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:46:01 PM
Data file:	C:\Chem32\1\Data\09Sep20\23.D	Analyst:	Abbott

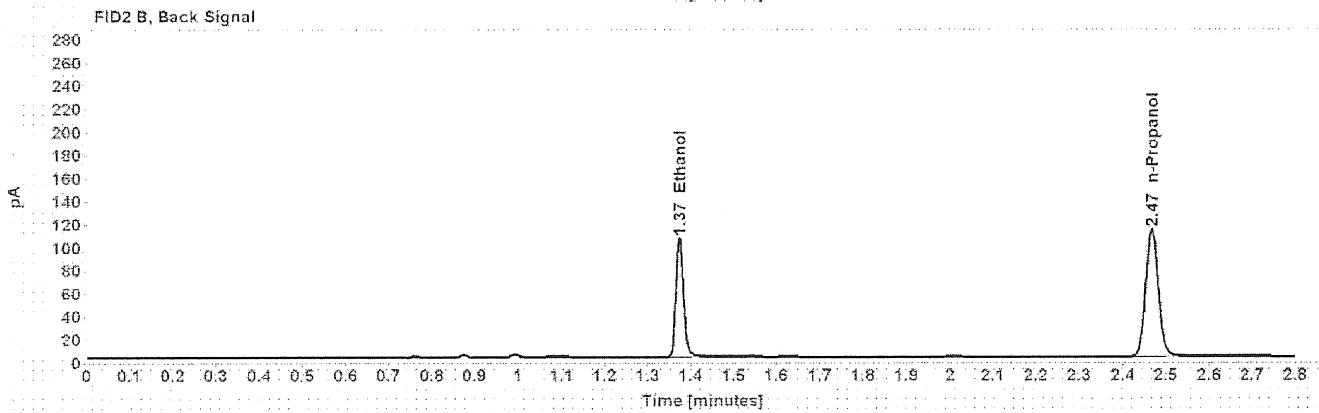
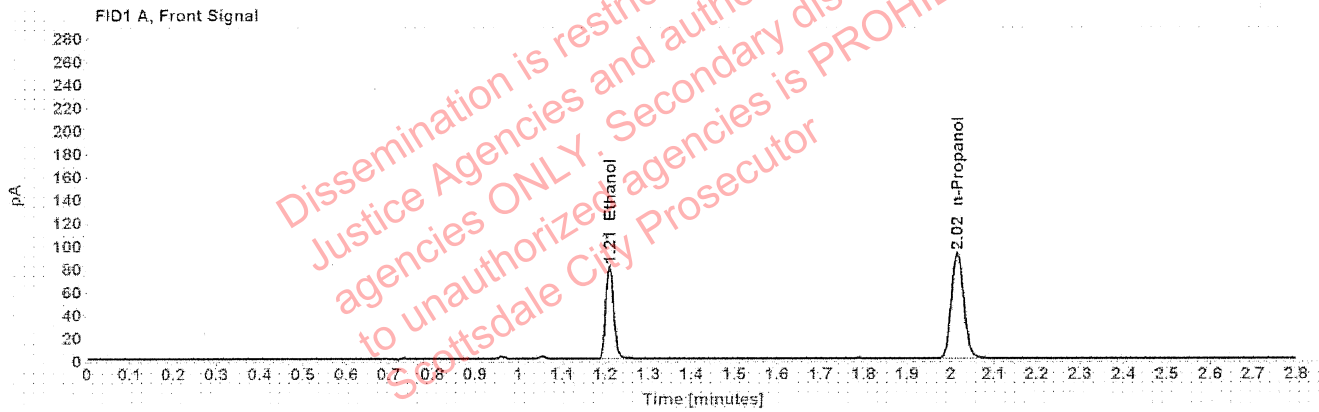


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1603	1.210	103.536
n-Propanol	-----	2.015	183.909

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.176
n-Propanol	2.467	225.620

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336452	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:50:01 PM
Data file:	C:\Chem32\1\Data\09Sep20\24.D	Analyst:	Abbott

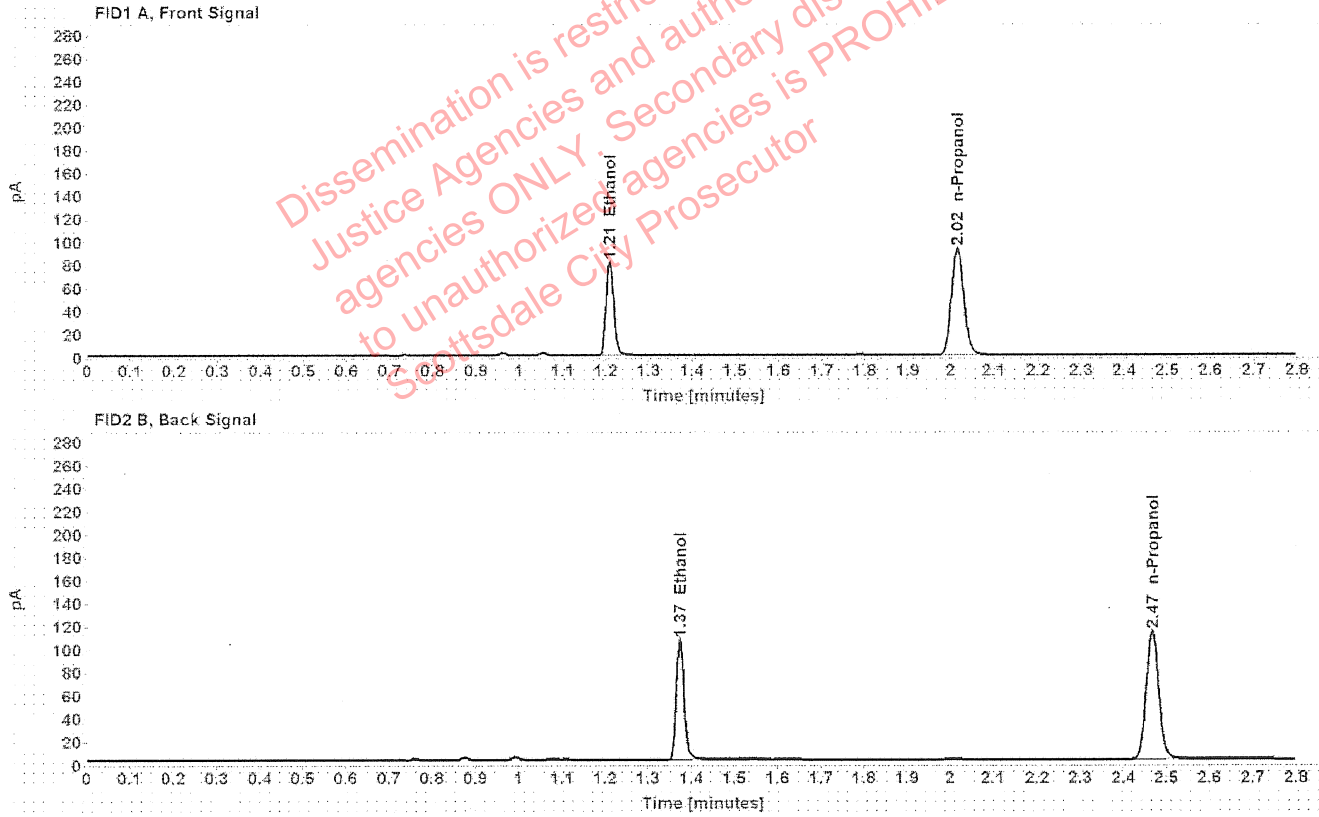


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1601	1.209	103.998
n-Propanol	-----	2.015	184.929

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.511
n-Propanol	2.467	226.969

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1290561	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:54:16 PM
Data file:	C:\Chem32\1\Data\09Sep20\25.D	Analyst:	Abbott

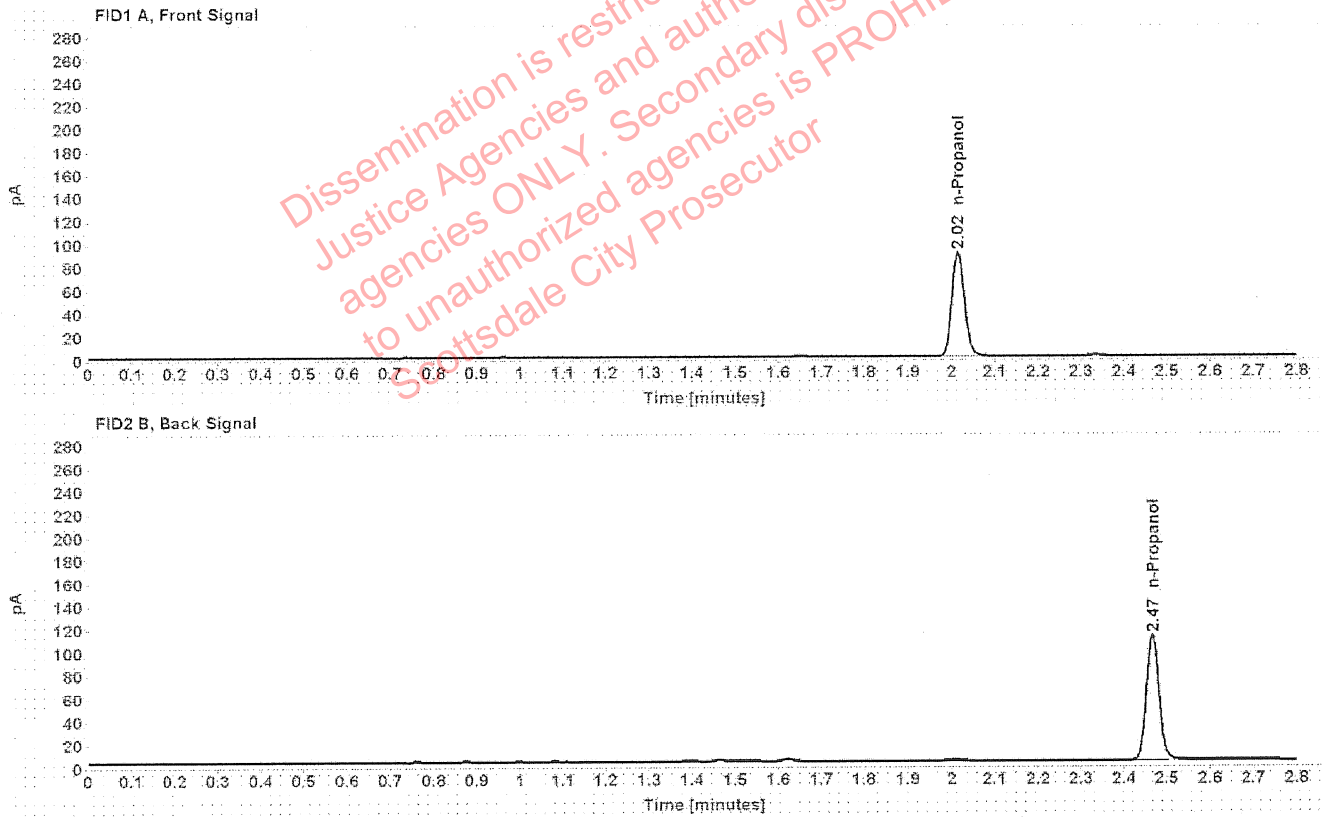


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	181.607

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	221.947

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1290561	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 1:58:16 PM
Data file:	C:\Chem32\1\Data\09Sep20\26.D	Analyst:	Abbott

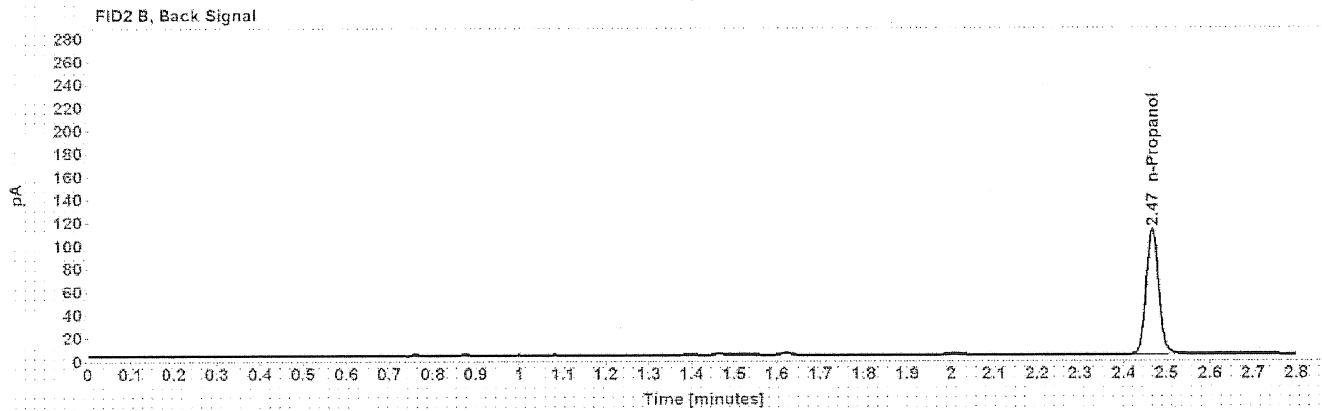
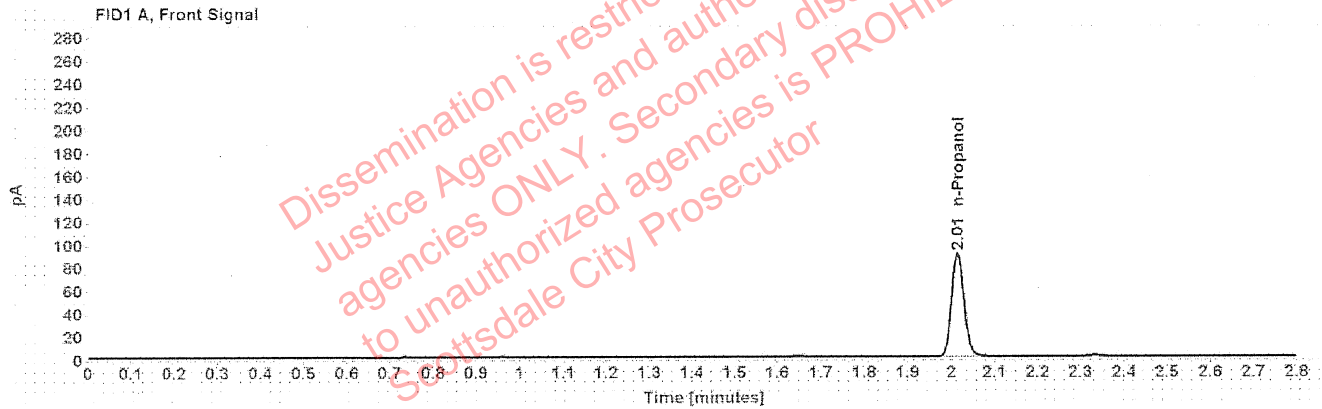


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	181.482

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	221.840

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336135	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:02:16 PM
Data file:	C:\Chem32\1\Data\09Sep20\27.D	Analyst:	Abbott

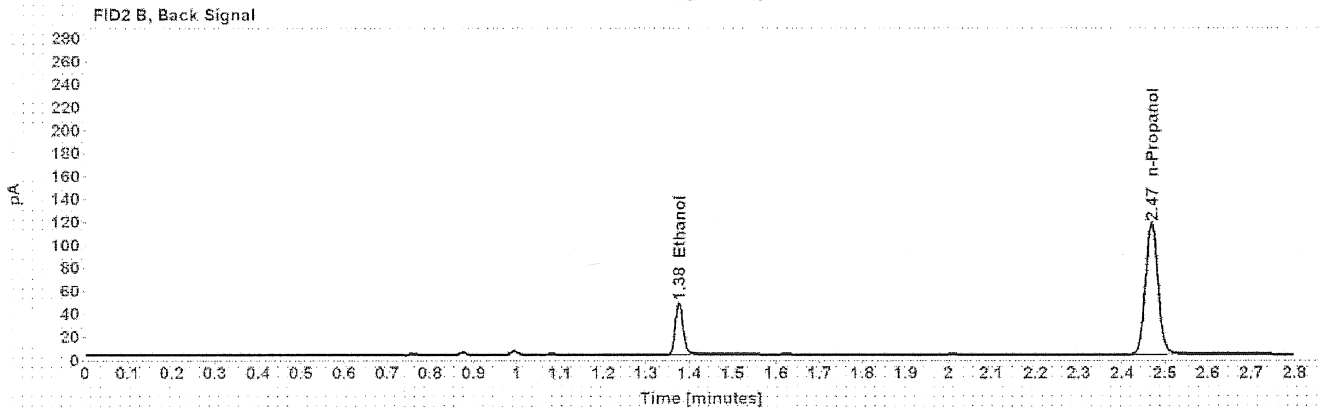
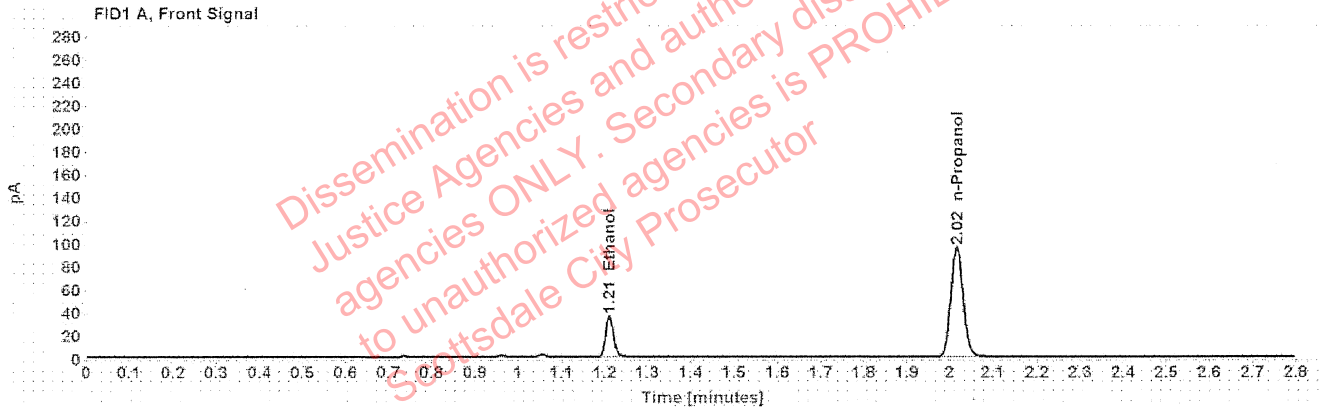


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0687	1.211	45.230
n-Propanol	-----	2.016	189.445

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

Compound	Time (min)	Peak Area
Ethanol	1.376	56.058
n-Propanol	2.468	232.223

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336135	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:06:17 PM
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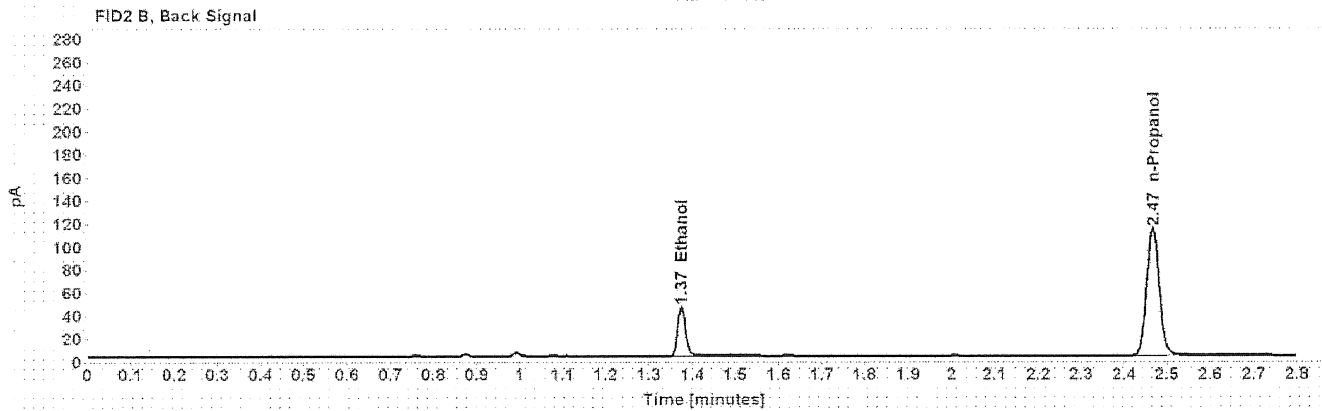
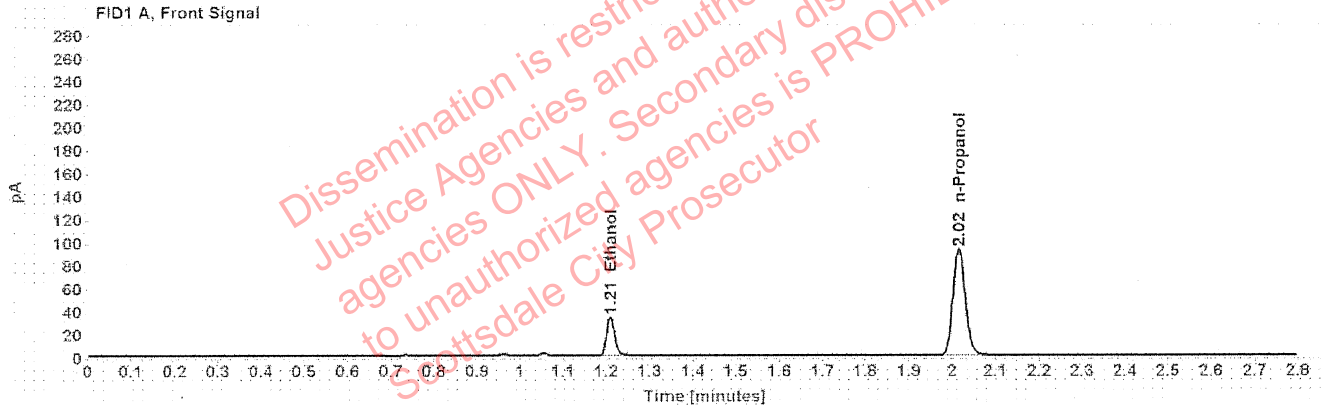


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0675	1.210	43.417
n-Propanol	-----	2.015	185.014

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

Compound	Time (min)	Peak Area
Ethanol	1.374	54.689
n-Propanol	2.467	226.726

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336723	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:10:16 PM
Data file:	C:\Chem32\1\Data\09Sep20\29.D	Analyst:	Abbott

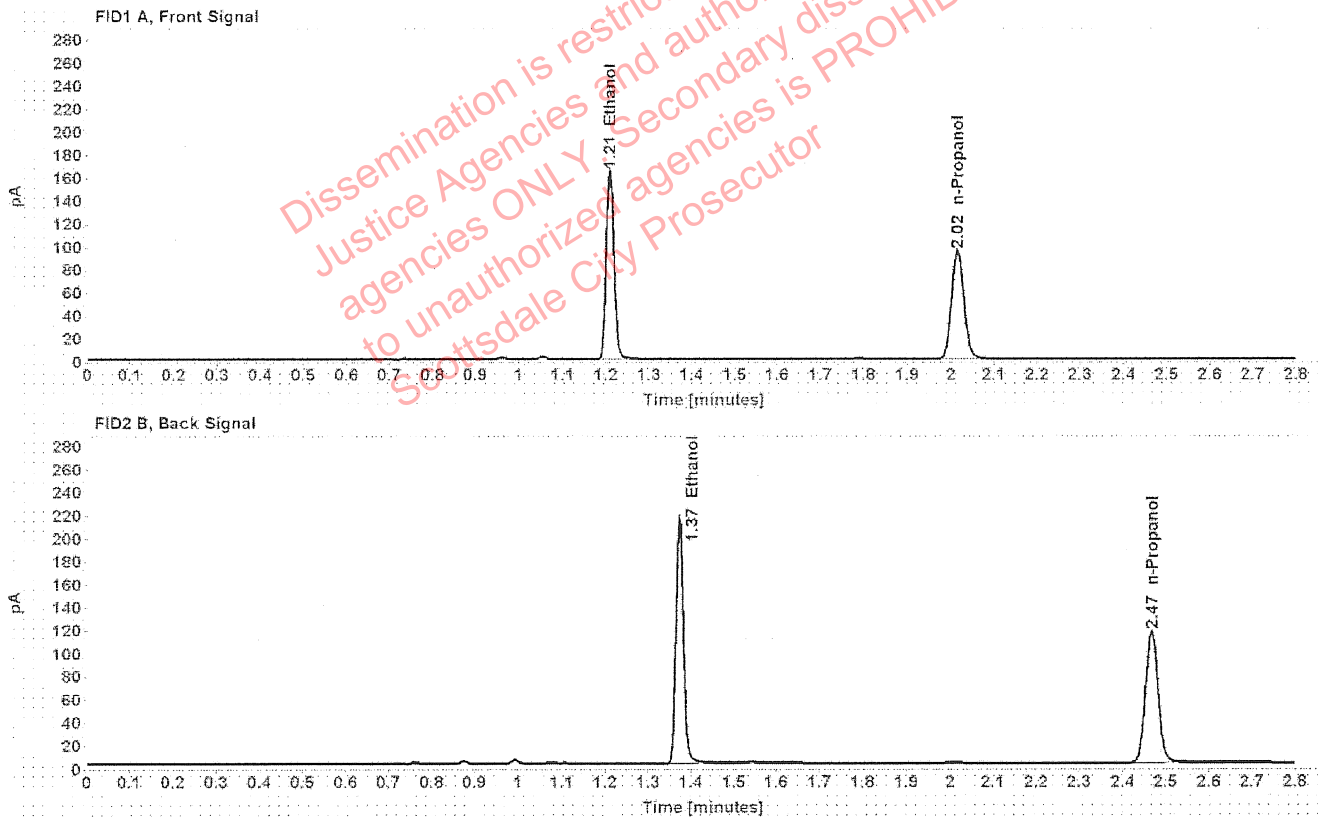


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3152	1.209	209.688
n-Propanol	-----	2.015	188.706

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

Compound	Time (min)	Peak Area
Ethanol	1.373	262.191
n-Propanol	2.467	231.627

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336723	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:14:17 PM
Data file:	C:\Chem32\1\Data\09Sep20\30.D	Analyst:	Abbott

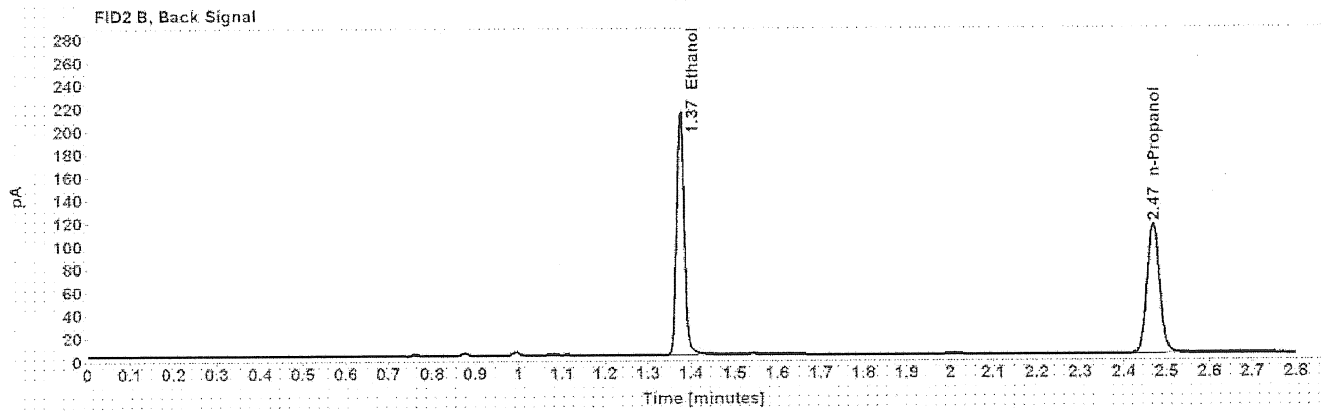
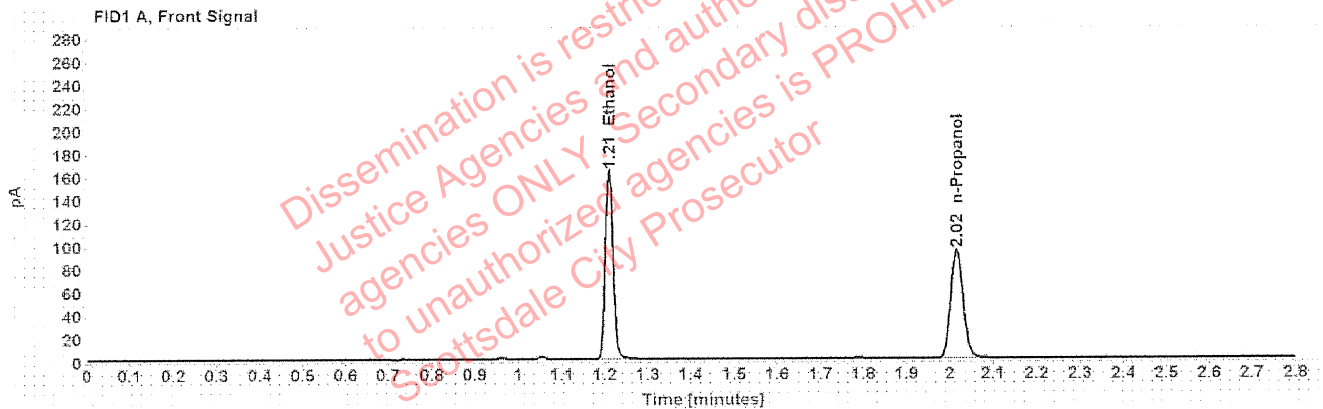


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3158	1.209	208.584
n-Propanol	-----	2.016	187.318

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

Compound	Time (min)	Peak Area
Ethanol	1.374	261.113
n-Propanol	2.468	229.819



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336165	Vial:	32
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:22:31 PM
Data file:	C:\Chem32\1\Data\09Sep20\32.D	Analyst:	Abbott

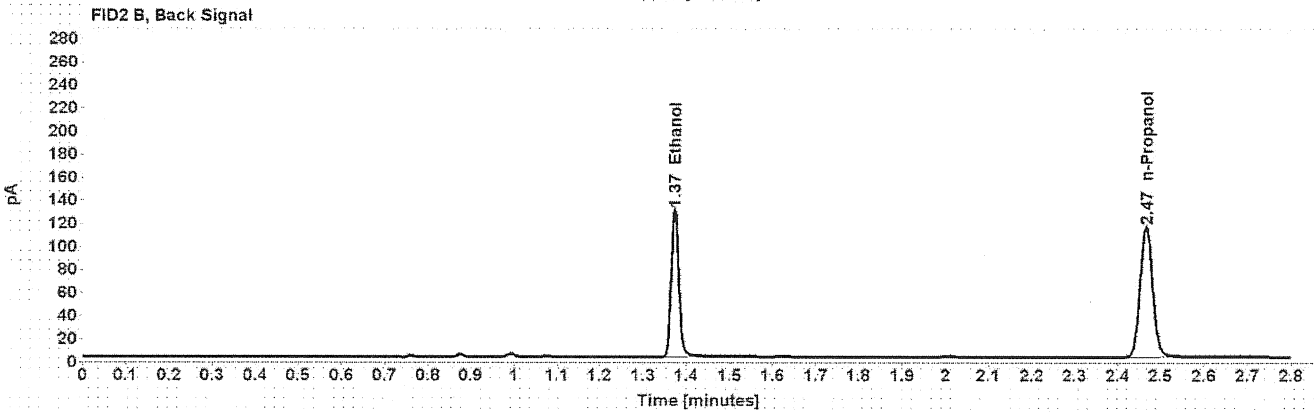
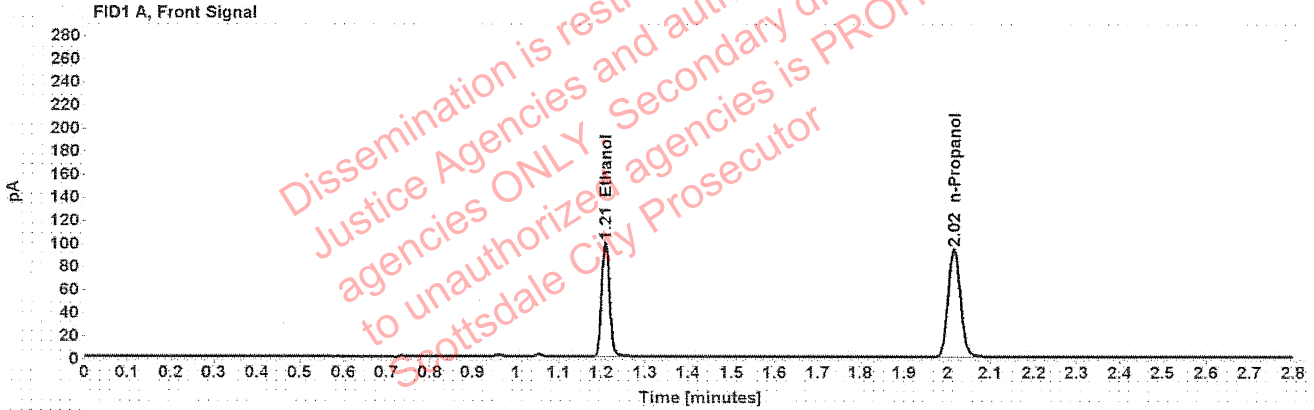


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1931	1.209	127.028
n-Propanol	-----	2.015	187.002

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

Compound	Time (min)	Peak Area
Ethanol	1.373	158.433
n-Propanol	2.467	229.164

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336165	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:26:30 PM
Data file:	C:\Chem32\1\Data\09Sep20\33.D	Analyst:	Abbott

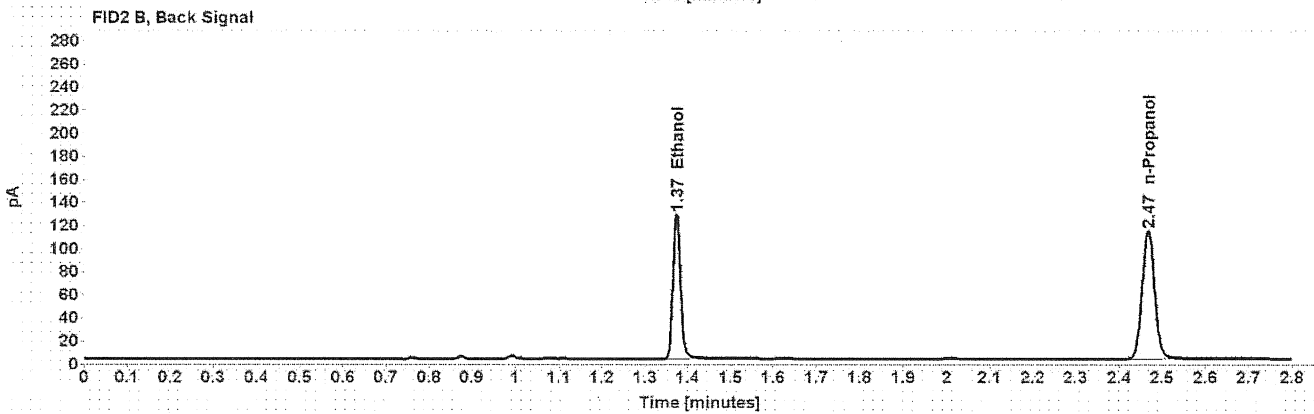
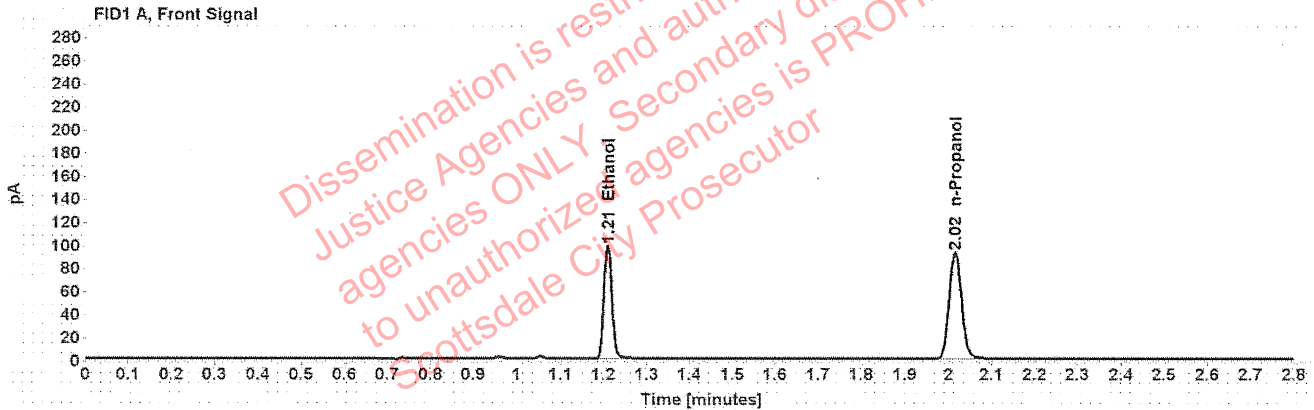


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1929	1.209	125.290
n-Propanol	-----	2.015	184.681

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.092
n-Propanol	2.467	226.474

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336713	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:30:31 PM
Data file:	C:\Chem32\1\Data\09Sep20\34.D	Analyst:	Abbott

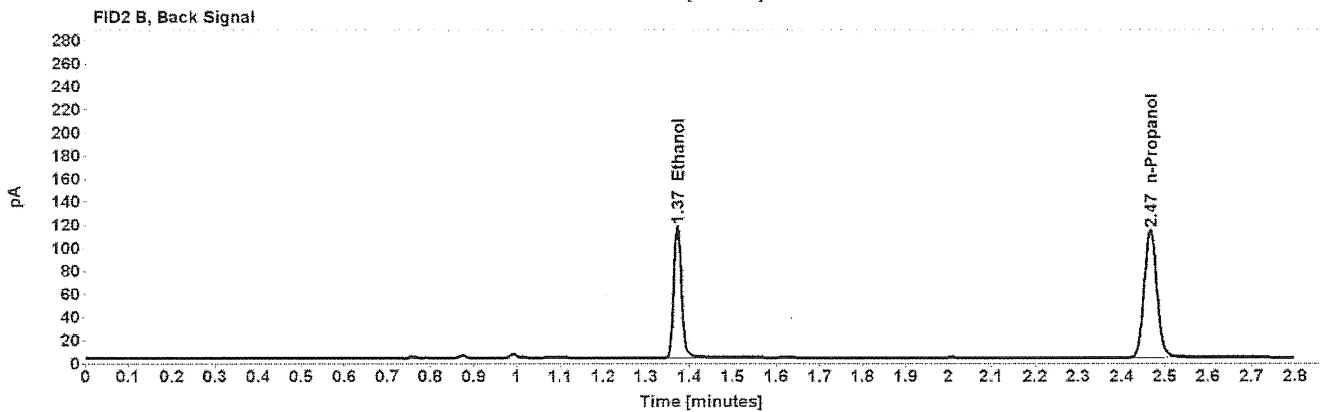
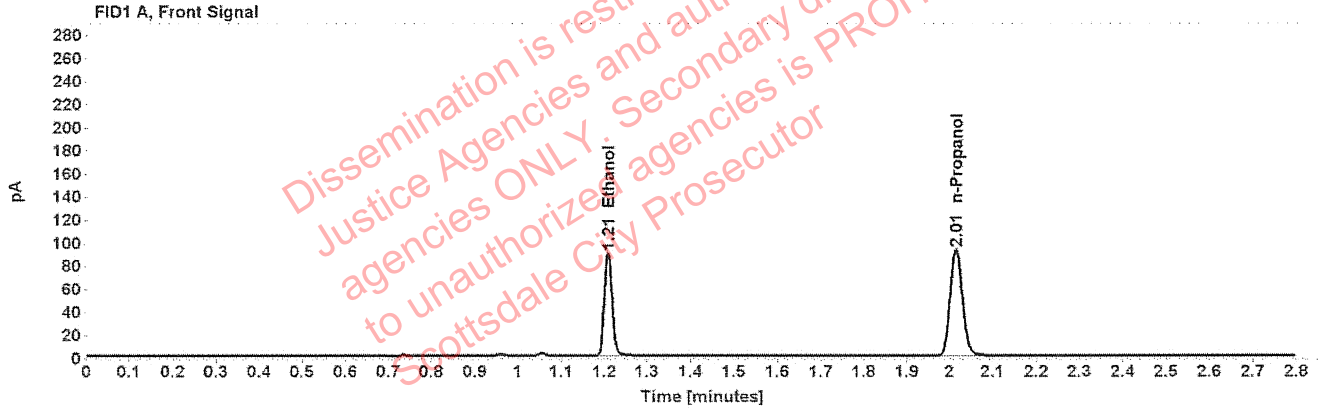


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1765	1.209	114.157
n-Propanol	-----	2.015	184.050

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

Compound	Time (min)	Peak Area
Ethanol	1.373	142.951
n-Propanol	2.466	225.407

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336713	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:34:33 PM
Data file:	C:\Chem32\1\Data\09Sep20\35.D	Analyst:	Abbott

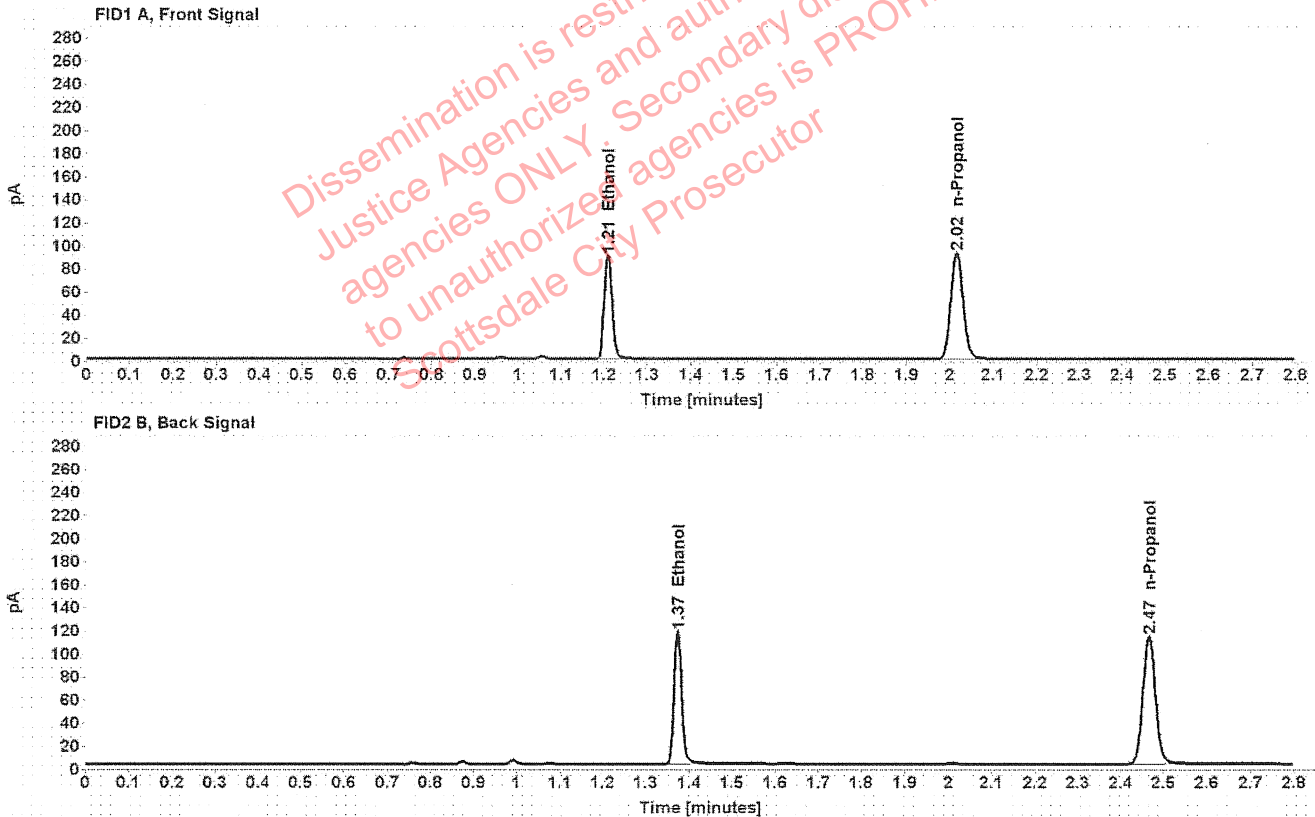


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1772	1.209	114.619
n-Propanol	-----	2.015	184.034

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

Compound	Time (min)	Peak Area
Ethanol	1.373	142.866
n-Propanol	2.467	225.429

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336704	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:38:33 PM
Data file:	C:\Chem32\1\Data\09Sep20\36.D	Analyst:	Abbott

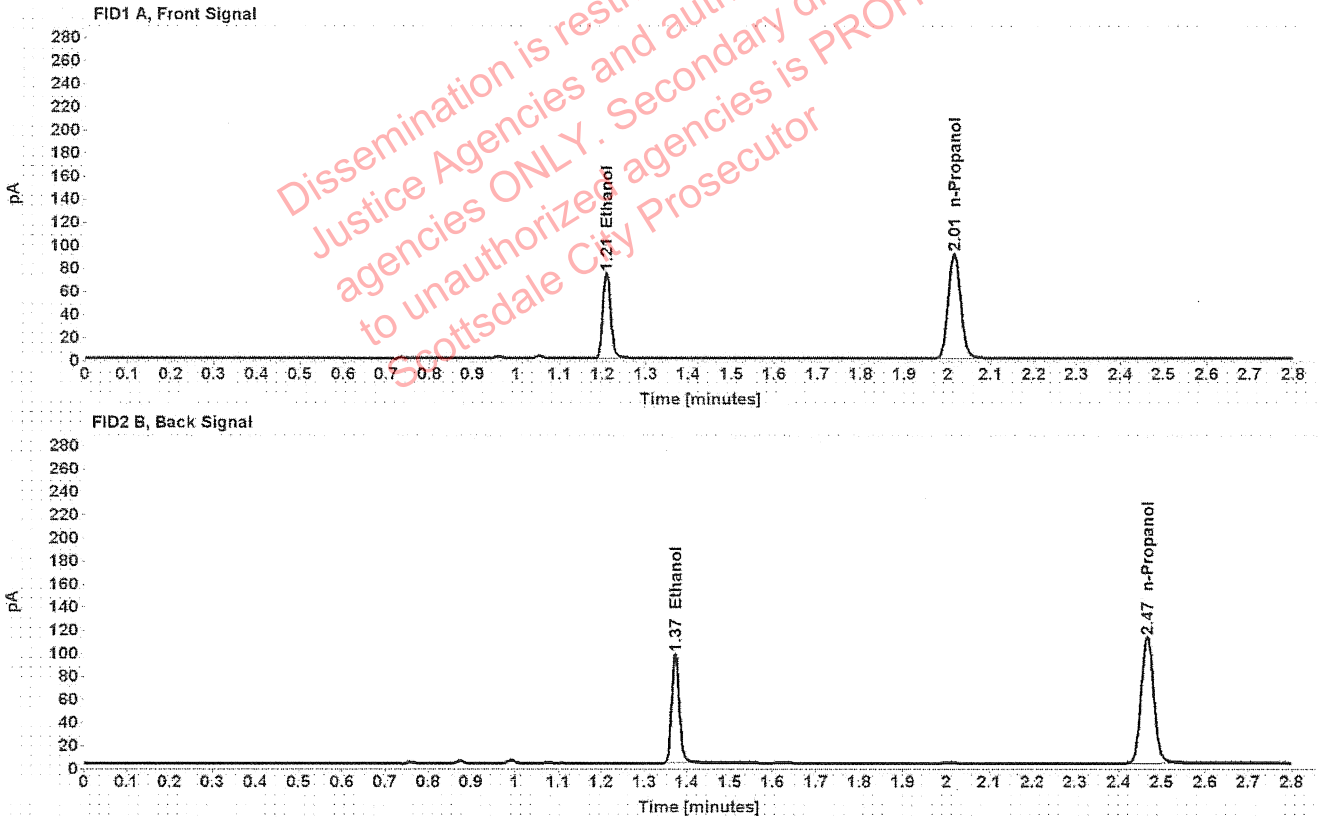


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1485	1.209	94.880
n-Propanol	-----	2.015	181.977

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

Compound	Time (min)	Peak Area
Ethanol	1.373	118.064
n-Propanol	2.466	222.856

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336704	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:42:48 PM
Data file:	C:\Chem32\1\Data\09Sep20\37.D	Analyst:	Abbott

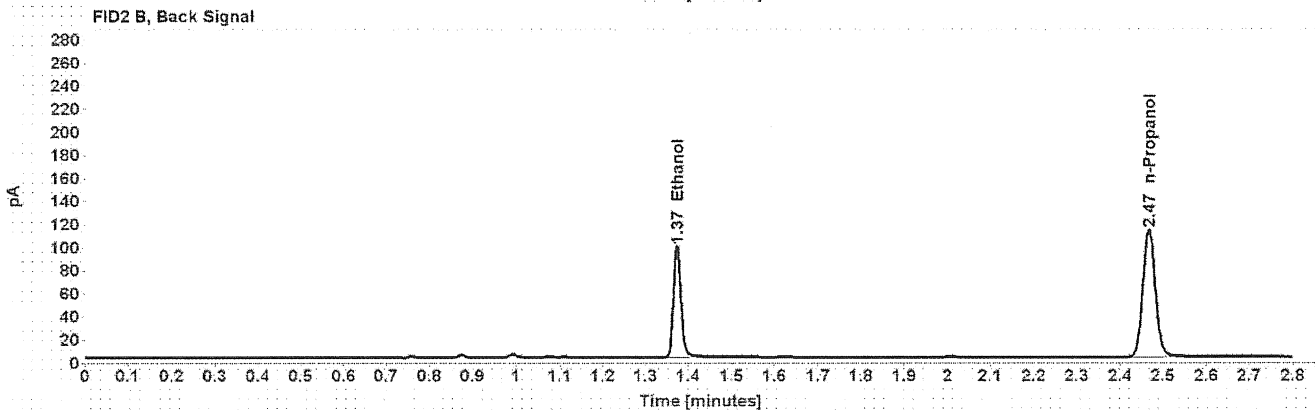
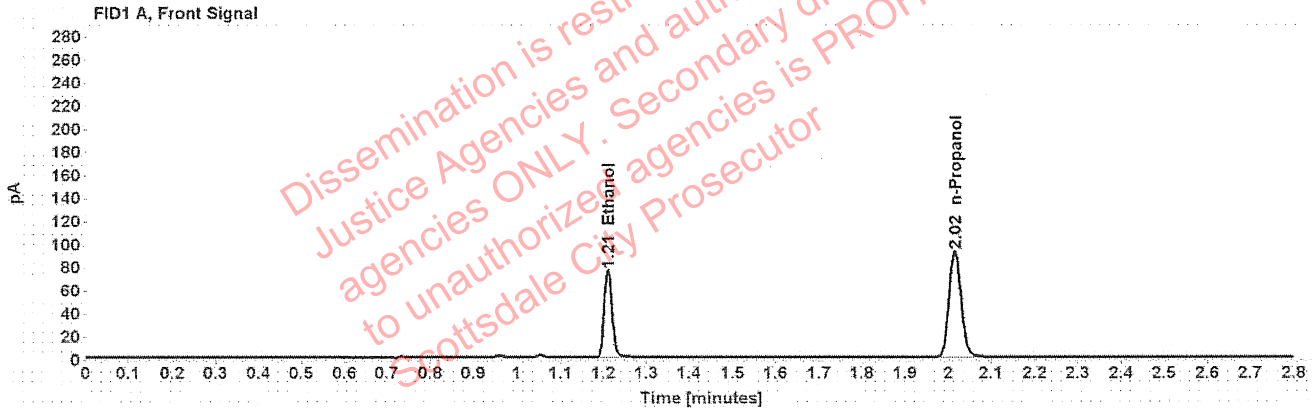


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.210	96.702
n-Propanol	-----	2.015	183.468

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

Compound	Time (min)	Peak Area
Ethanol	1.374	120.395
n-Propanol	2.467	224.784

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336297	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:46:49 PM
Data file:	C:\Chem32\1\Data\09Sep20\38.D	Analyst:	Abbott

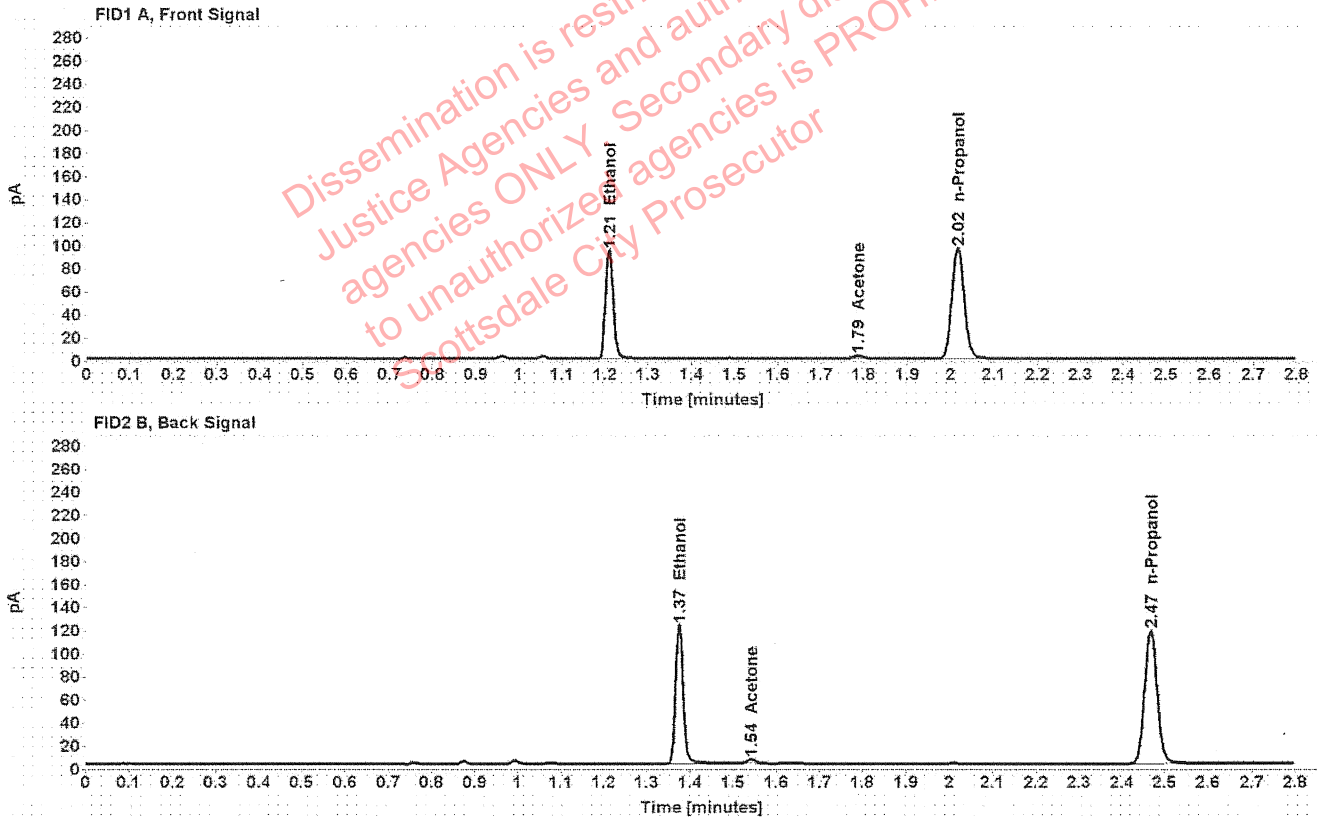


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1779	1.210	120.124
Acetone	-----	1.787	3.948
n-Propanol	-----	2.016	192.091

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

Compound	Time (min)	Peak Area
Ethanol	1.375	150.106
Acetone	1.542	4.750
n-Propanol	2.468	234.878

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1336297	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:50:50 PM
Data file:	C:\Chem32\11\Data\09Sep20\39.D	Analyst:	Abbott

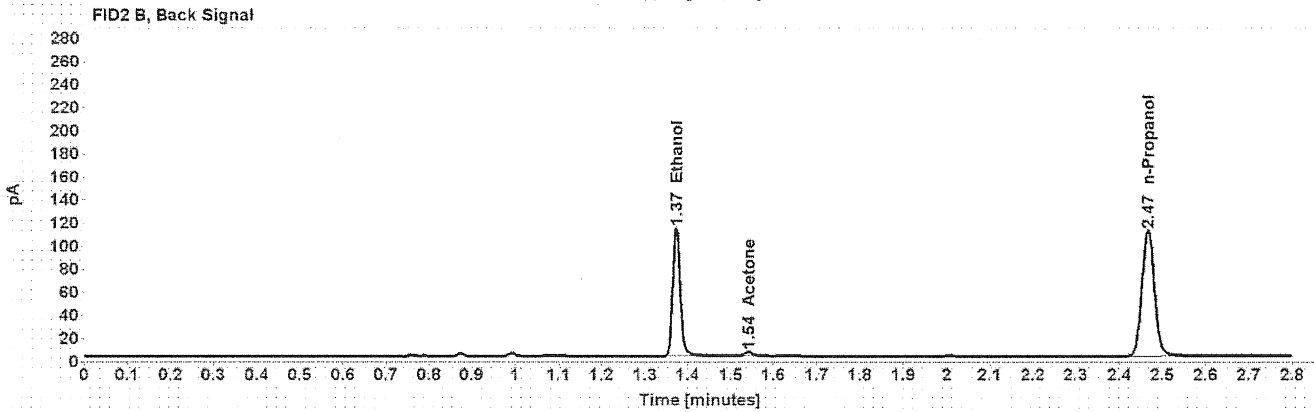
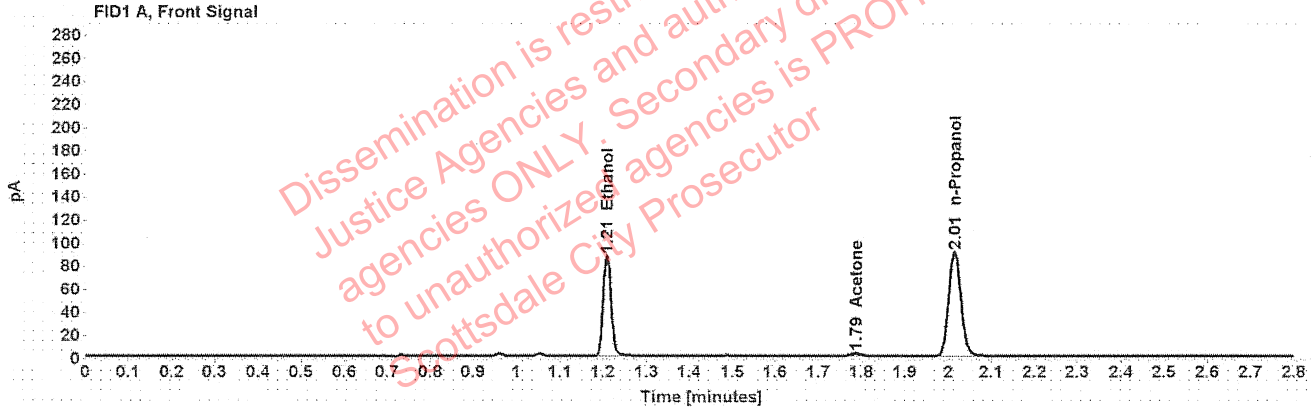


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1746	1.209	111.204
Acetone	-----	1.786	3.834
n-Propanol	-----	2.015	181.189

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.569
Acetone	1.541	4.576
n-Propanol	2.466	221.588



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337369	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:54:48 PM
Data file:	C:\Chem32\1\Data\09Sep20\40.D	Analyst:	Abbott

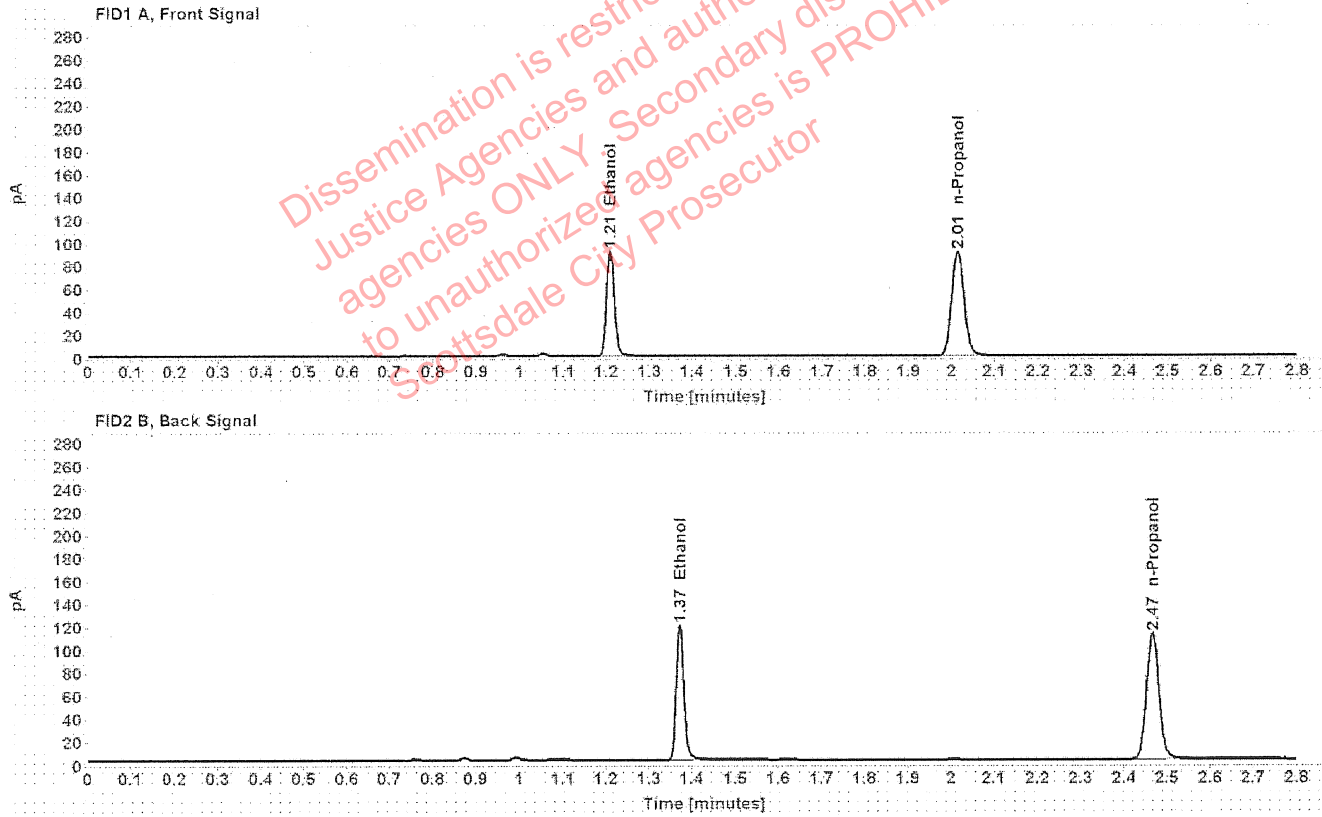


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1832	1.209	117.526
n-Propanol	-----	2.015	182.450

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

Compound	Time (min)	Peak Area
Ethanol	1.373	146.629
n-Propanol	2.466	223.354

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1337369	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep20
Instrument:	US14173023 CN14160045	Injection date:	9/9/2020 2:58:48 PM
Data file:	C:\Chem32\1\Data\09Sep20\41.D	Analyst:	Abbott

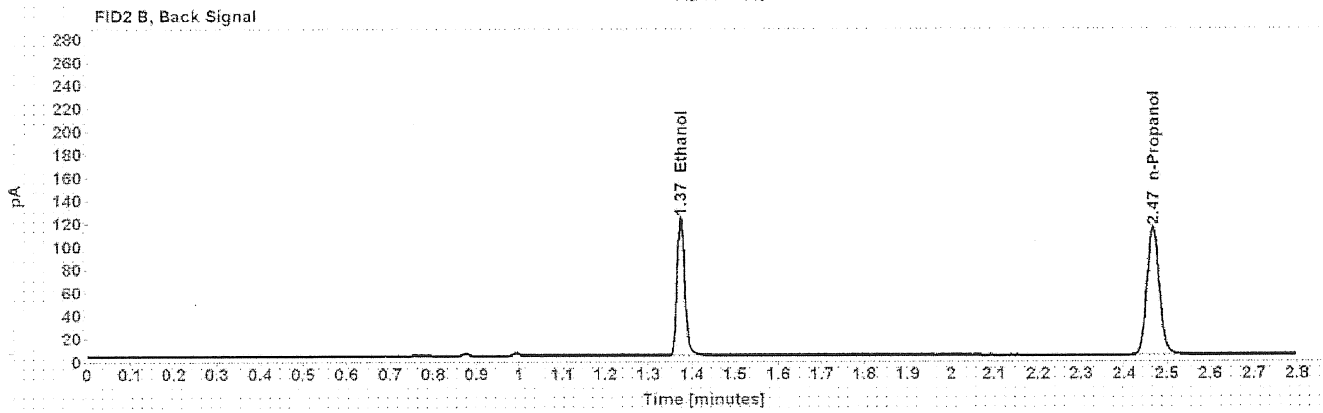
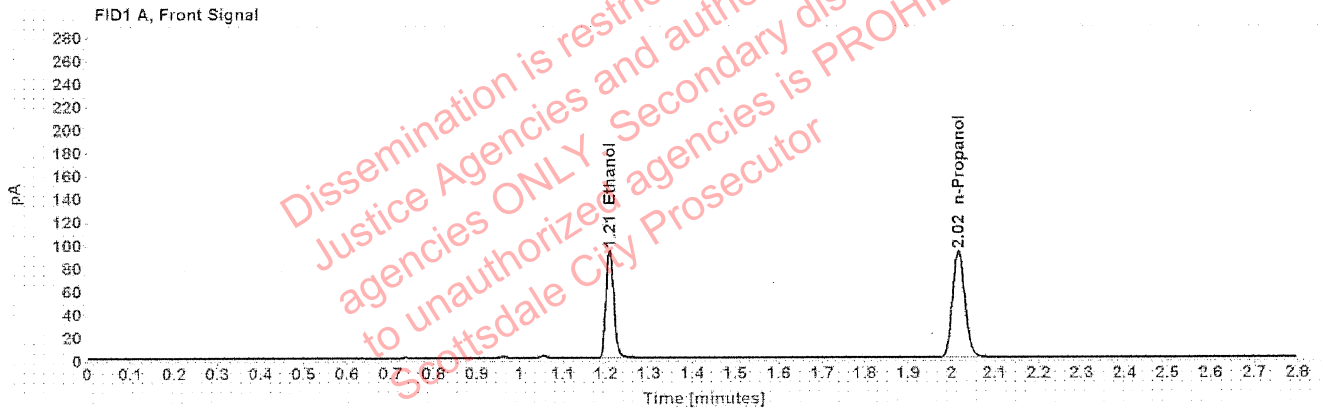


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1847	1.209	119.651
n-Propanol	-----	2.015	184.264

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

Compound	Time (min)	Peak Area
Ethanol	1.374	149.110
n-Propanol	2.467	225.834