

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 3/15/22 SEQUENCE NAME 15Mar22

**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 0.99968  
 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 010722AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.396 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.198 g/dL	ACQ 4110320133/2
20	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/2
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
51	Aqueous control	0.400 g/dL	0.397 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
53	Blood control	0.199 g/dL	0.199 g/dL	ACQ 4110320133/2
54	Blank	Not detected	Not detected	SPD lab 101921WB

**SUBJECT SAMPLES**

Subjects in the sequence 19 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Philip R... Analyst  
 Run valid  Run invalid  [Signature] Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

FB

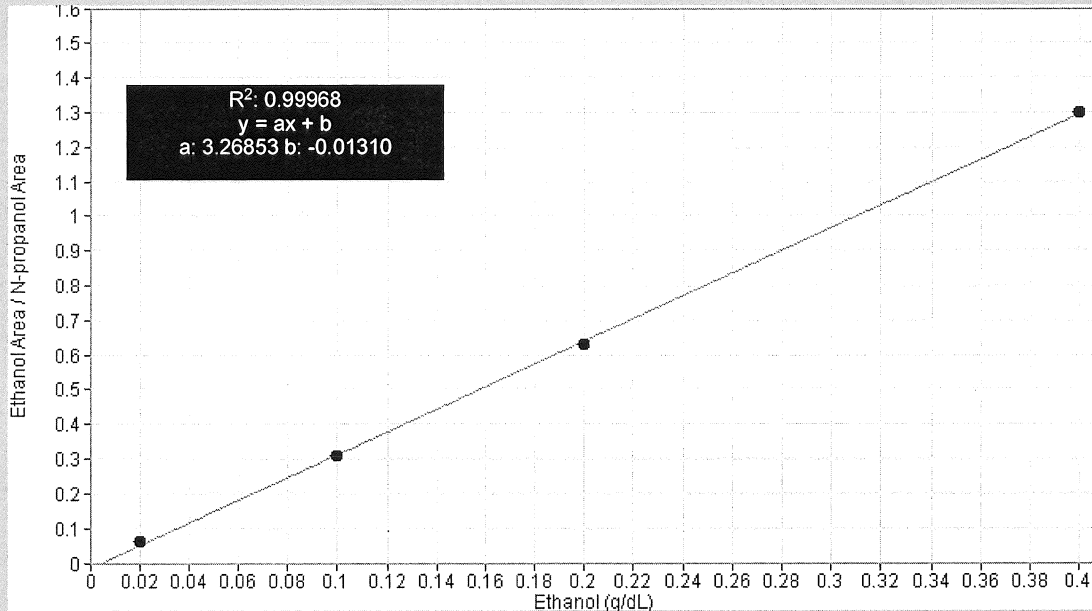
SEQUENCE NAME: 15Mar22

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.396	0.400	1.00	-0.004
0.040 14082019-B	8	0.042	0.040	5.00	0.002
0.199 4110320133/2	9	0.198	0.199	0.50	-0.001
0.080 20012020-B	20	0.082	0.080	2.50	0.002
0.199 4110320133/2	31	0.200	0.199	0.50	0.001
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	51	0.397	0.400	0.75	-0.003
0.040 14082019-B	52	0.042	0.040	5.00	0.002
0.199 4110320133/2	53	0.199	0.199	0.00	0.000
blank 101921WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.734	193.018	0.061
0.100	59.120	189.950	0.311
0.200	120.186	191.316	0.628
0.400	263.394	202.498	1.301

### 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> 15Mar22	
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/15/2022 11:07:41 AM	
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke	RB
<b>Data file:</b> C:\Chem32\1\Data\15Mar22\1.D		

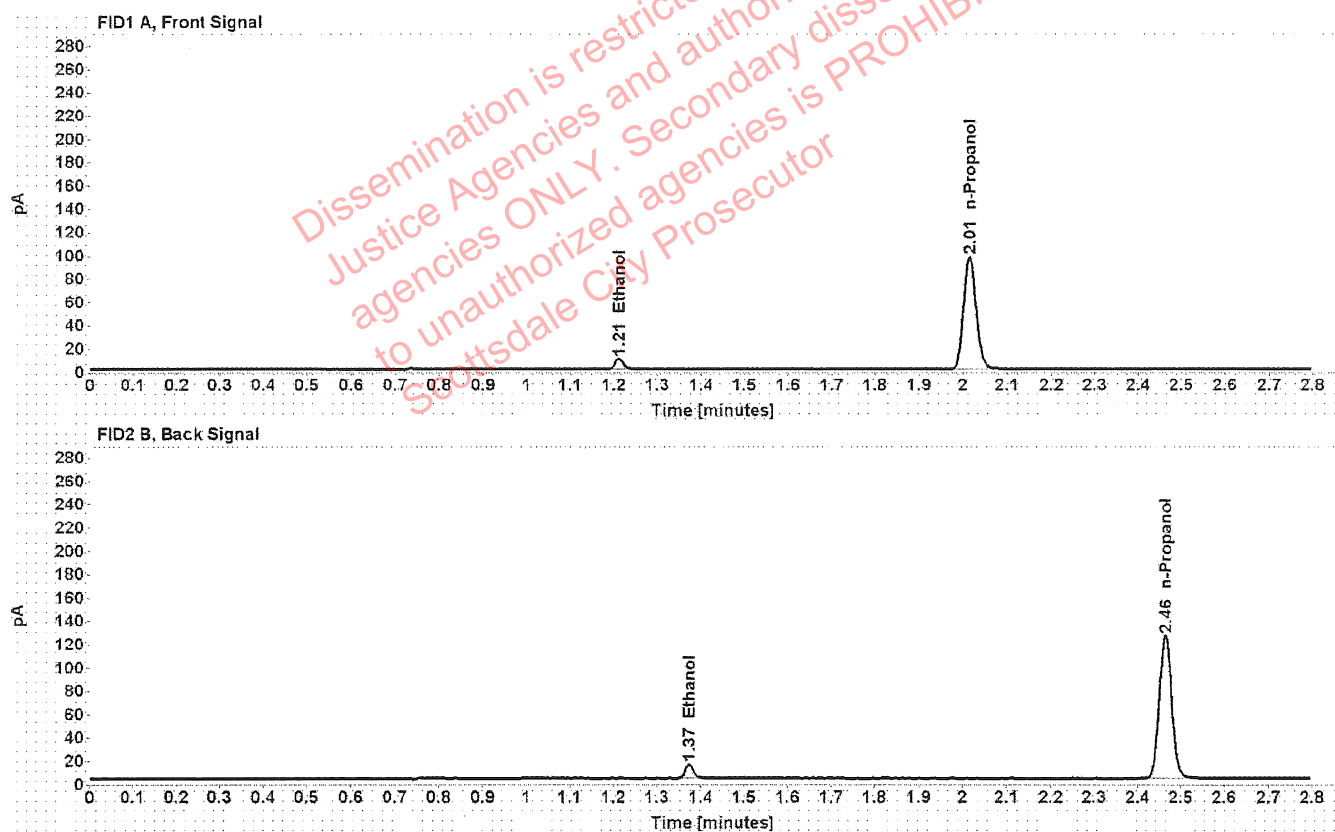


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.734
n-Propanol	2.015	193.018

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.952
n-Propanol	2.464	245.573

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 15Mar22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/15/2022 11:11:41 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">PB</span>
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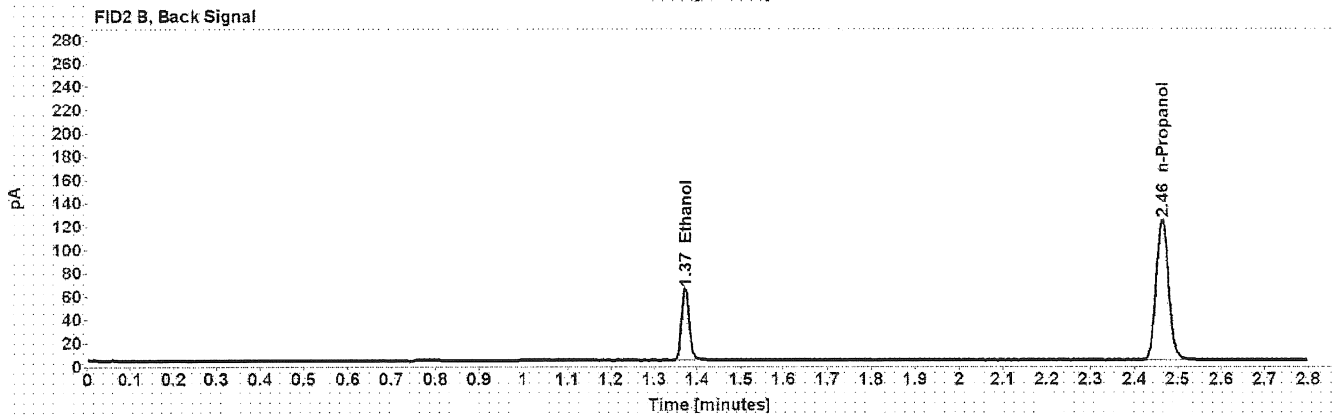
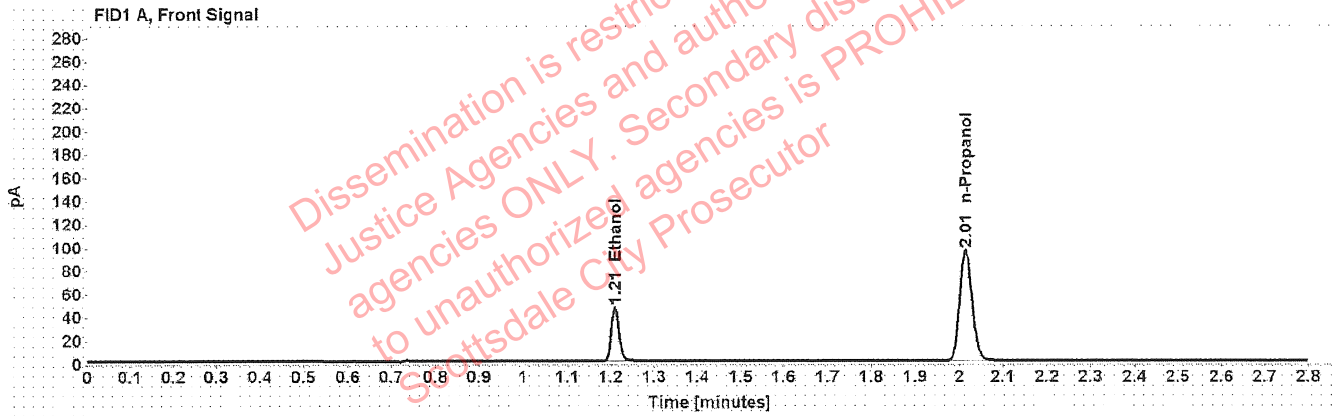


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	59.120
n-Propanol	2.015	189.950

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.290
n-Propanol	2.465	241.606



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05101903	<b>Vial:</b> 3
<b>Description:</b> 0.200 calibrator	<b>Sequence:</b> 15Mar22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/15/2022 11:15:41 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">RB</span>
<b>Data file:</b> C:\Chem32\1\Data\15Mar22\3.D	

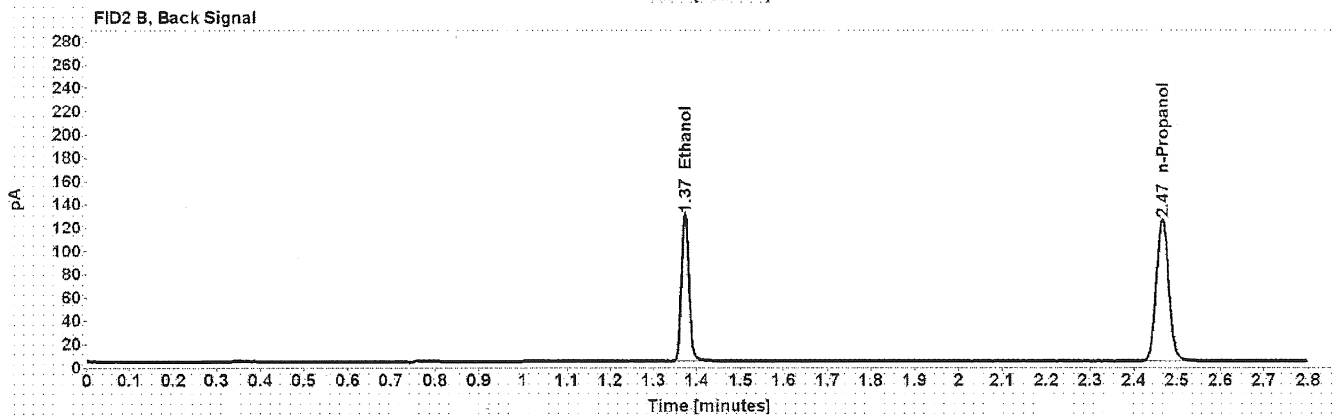
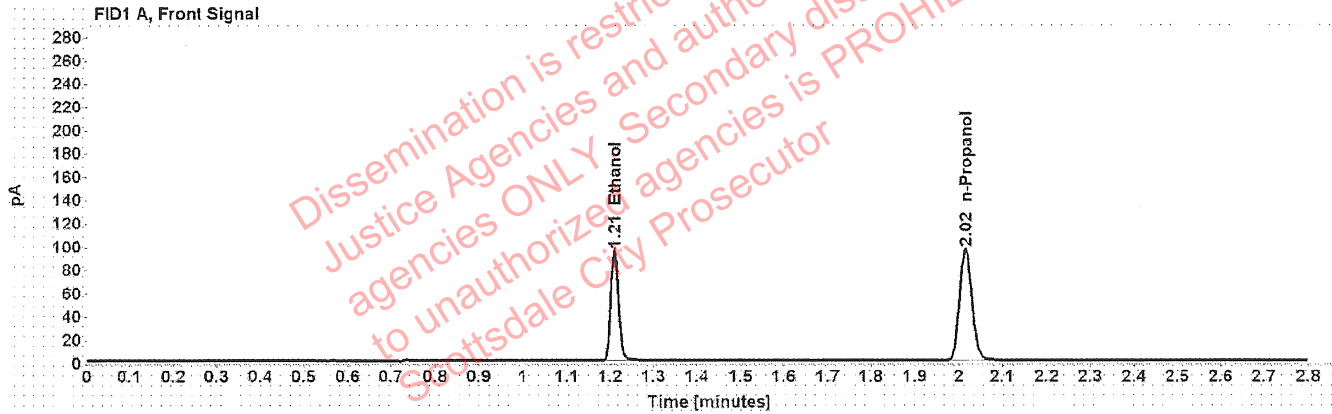


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	120.186
n-Propanol	2.016	191.316

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

Compound	Time (min)	Peak Area
Ethanol	1.373	153.067
n-Propanol	2.466	243.337

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN10051906	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 15Mar22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 3/15/2022 11:19:41 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Brooke <span style="float: right;">YB</span>
<b>Data file:</b> C:\Chem32\1\Data\15Mar22\4.D	

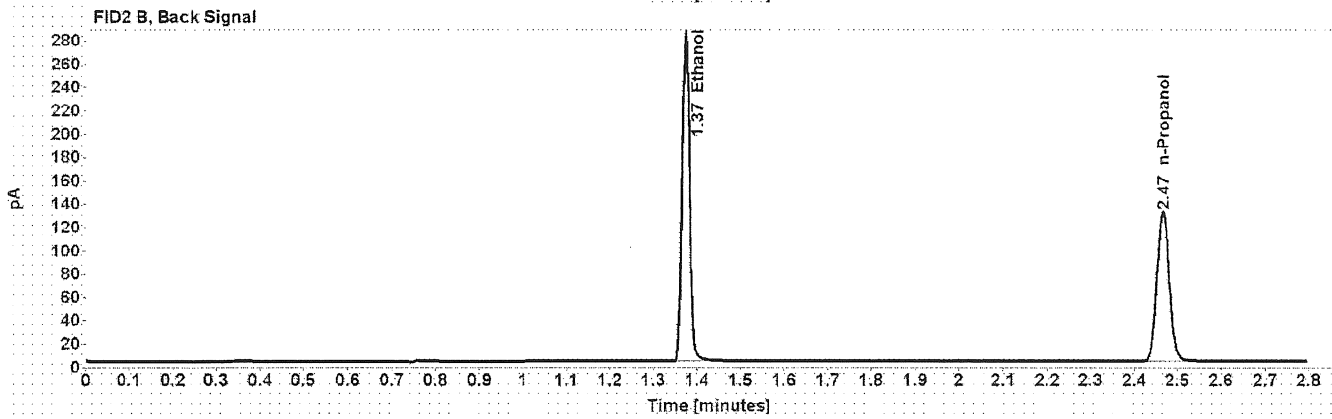
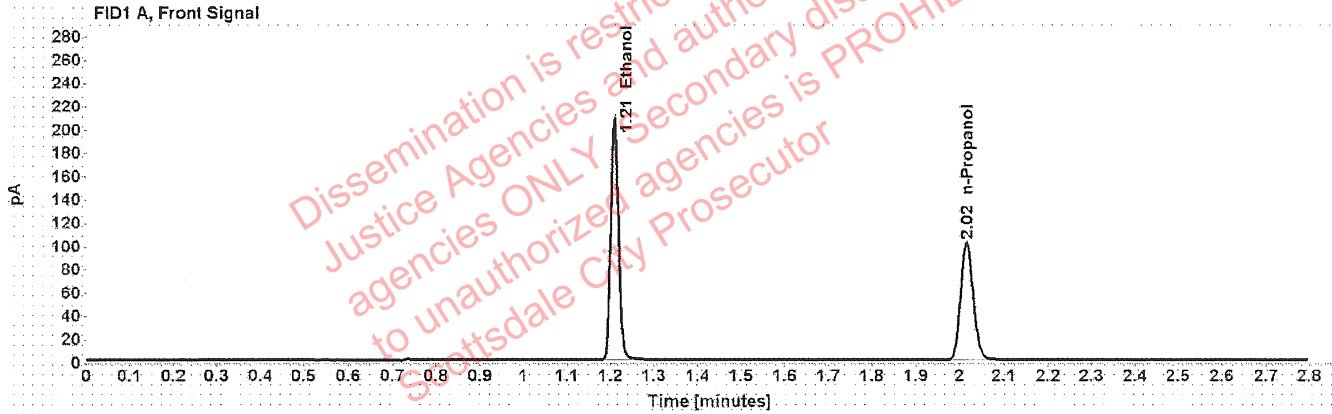


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	263.394
n-Propanol	2.016	202.498

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

Compound	Time (min)	Peak Area
Ethanol	1.374	336.606
n-Propanol	2.466	257.477

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	010722AQ	<b>Vial:</b>	5
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	15Mar22
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	3/15/2022 11:23:41 AM
<b>Data file:</b>	C:\Chem32\1\Data\15Mar22\5.D	<b>Analyst:</b>	Brooke <i>PB</i>

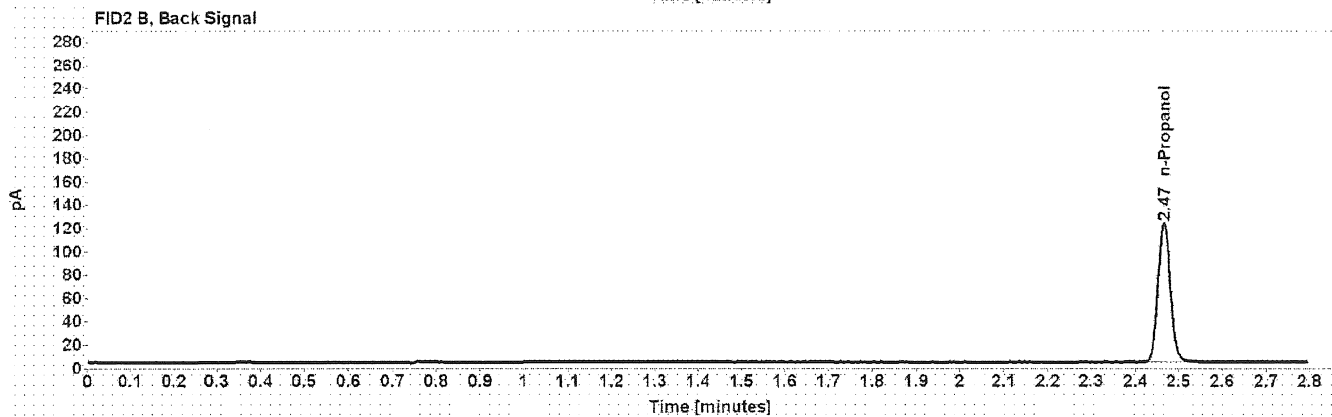


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	188.461

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	239.419

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:27:41 AM
Data file:	C:\Chem32\1\Data\15Mar22\6.D	Analyst:	Brooke <i>BR</i>

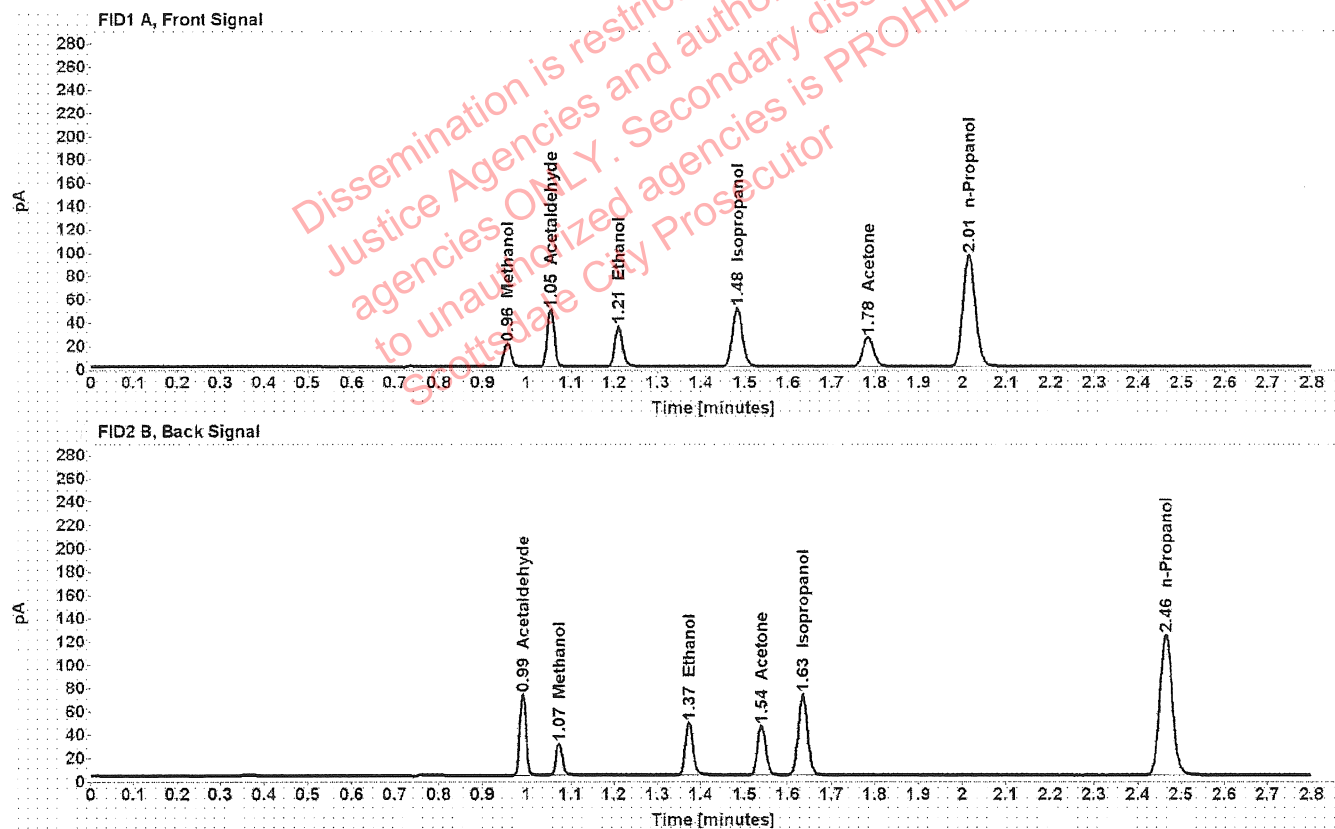


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.326
Acetaldehyde	-----	1.054	53.891
>Ethanol	0.0744	1.210	43.936
Isopropanol	-----	1.483	80.783
Acetone	-----	1.783	43.961
n-Propanol	-----	2.015	190.873

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	69.888
Methanol	1.074	29.017
Ethanol	1.373	55.783
Acetone	1.539	55.954
Isopropanol	1.634	104.713
n-Propanol	2.465	242.532

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Mar22
Instrument: US14173023 CN14160045	Injection date: 3/15/2022 11:31:56 AM
Data file: C:\Chem32\1\Data\15Mar22\7.D	Analyst: Brooke <i>AB</i>

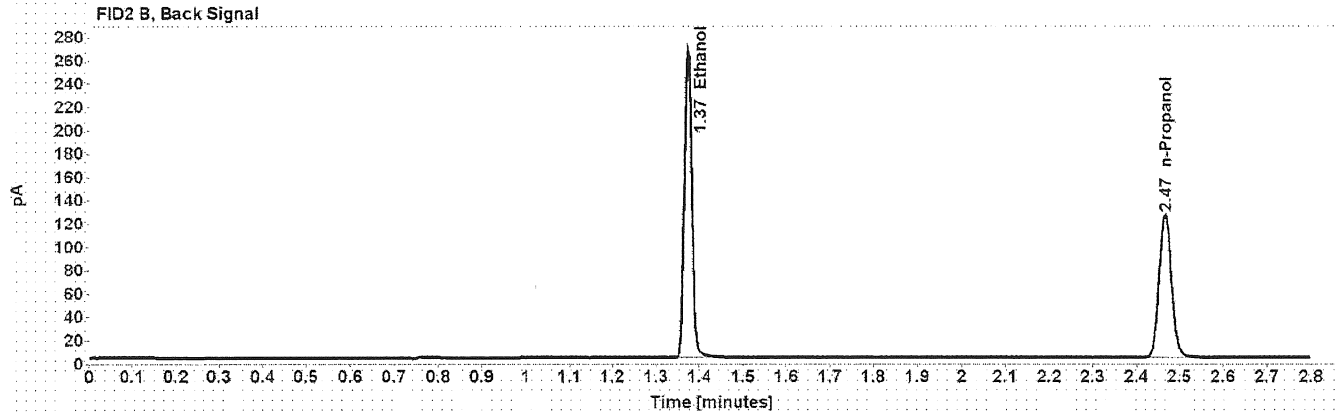
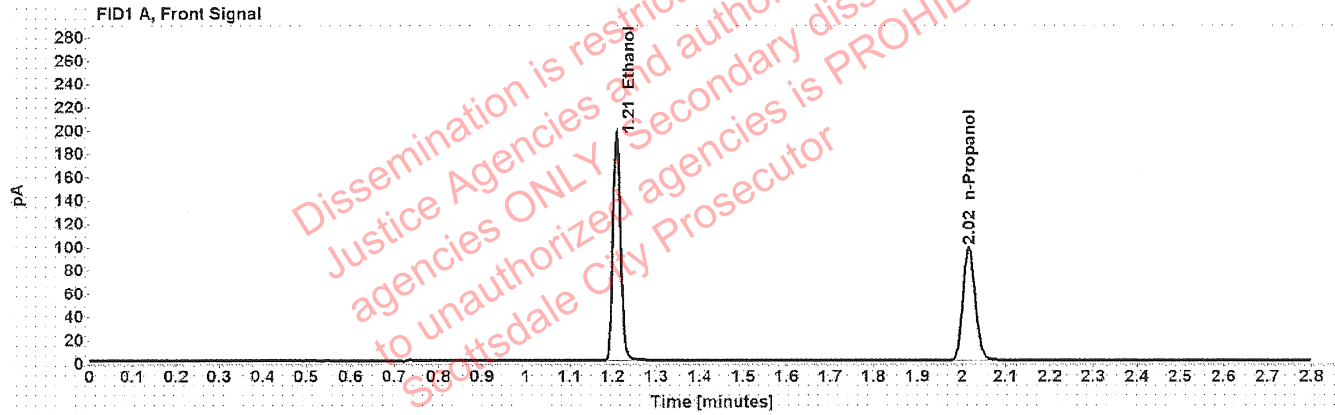


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3967	1.209	249.292
n-Propanol	-----	2.016	194.219

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

Compound	Time (min)	Peak Area
Ethanol	1.374	318.431
n-Propanol	2.467	246.772



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:35:56 AM
Data file:	C:\Chem32\1\Data\15Mar22\8.D	Analyst:	Brooke <i>PB</i>

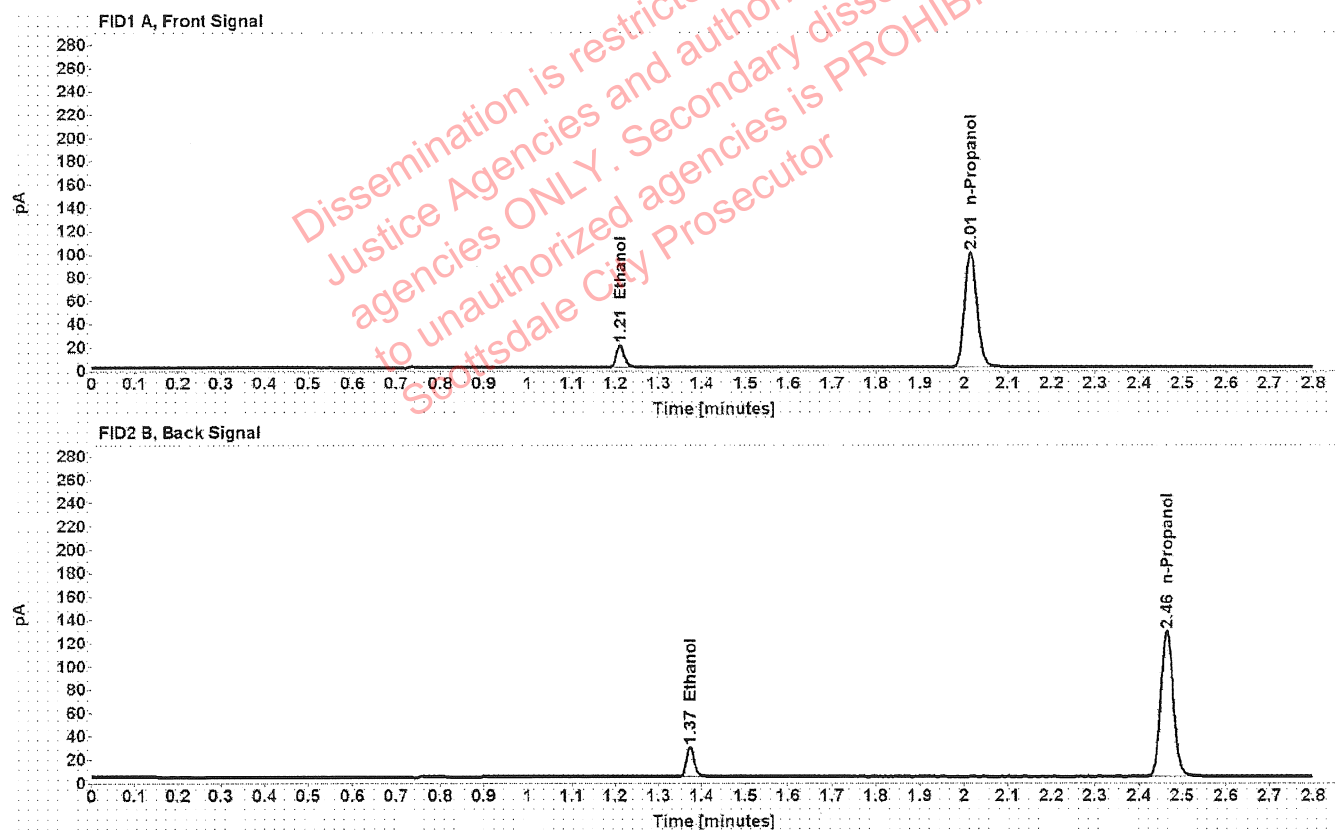


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0423	1.211	24.717
n-Propanol	-----	2.015	197.427

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

Compound	Time (min)	Peak Area
Ethanol	1.373	31.478
n-Propanol	2.465	251.246

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:39:56 AM
Data file:	C:\Chem32\1\Data\15Mar22\9.D	Analyst:	Brooke <i>RB</i>

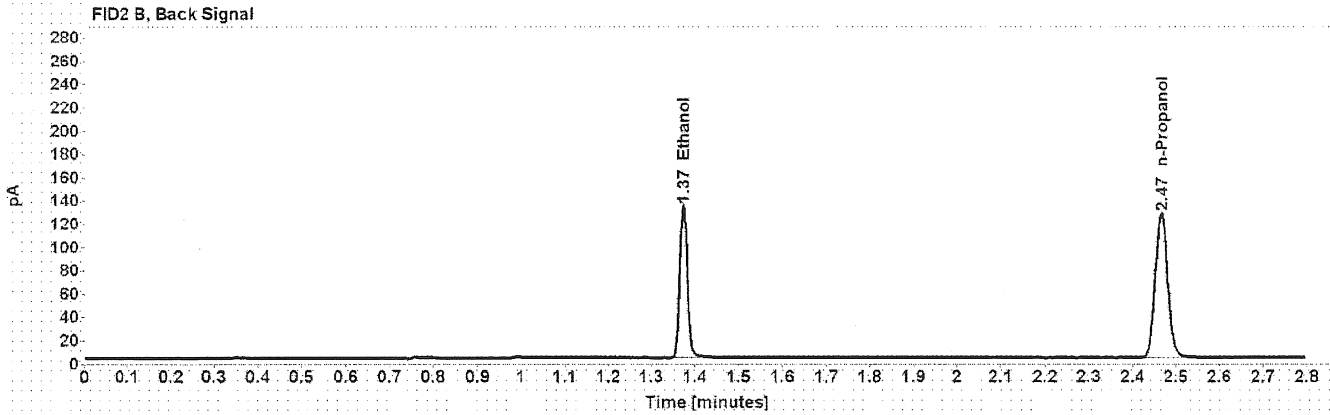
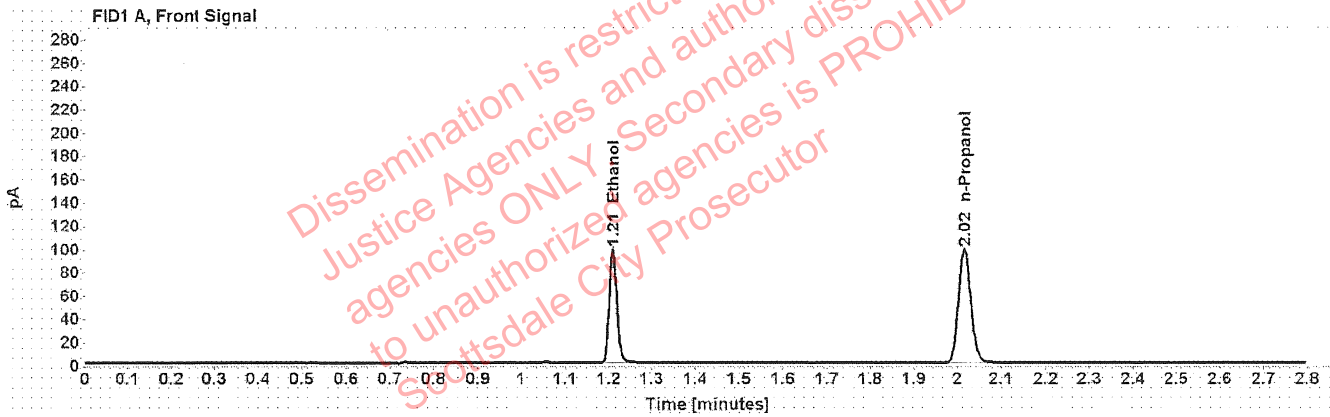


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1986	1.210	124.511
n-Propanol	-----	2.016	195.806

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

Compound	Time (min)	Peak Area
Ethanol	1.374	158.592
n-Propanol	2.466	249.124

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:24:27 PM
Data file:	C:\Chem32\1\Data\15Mar22\20.D	Analyst:	Brooke <i>BA</i>

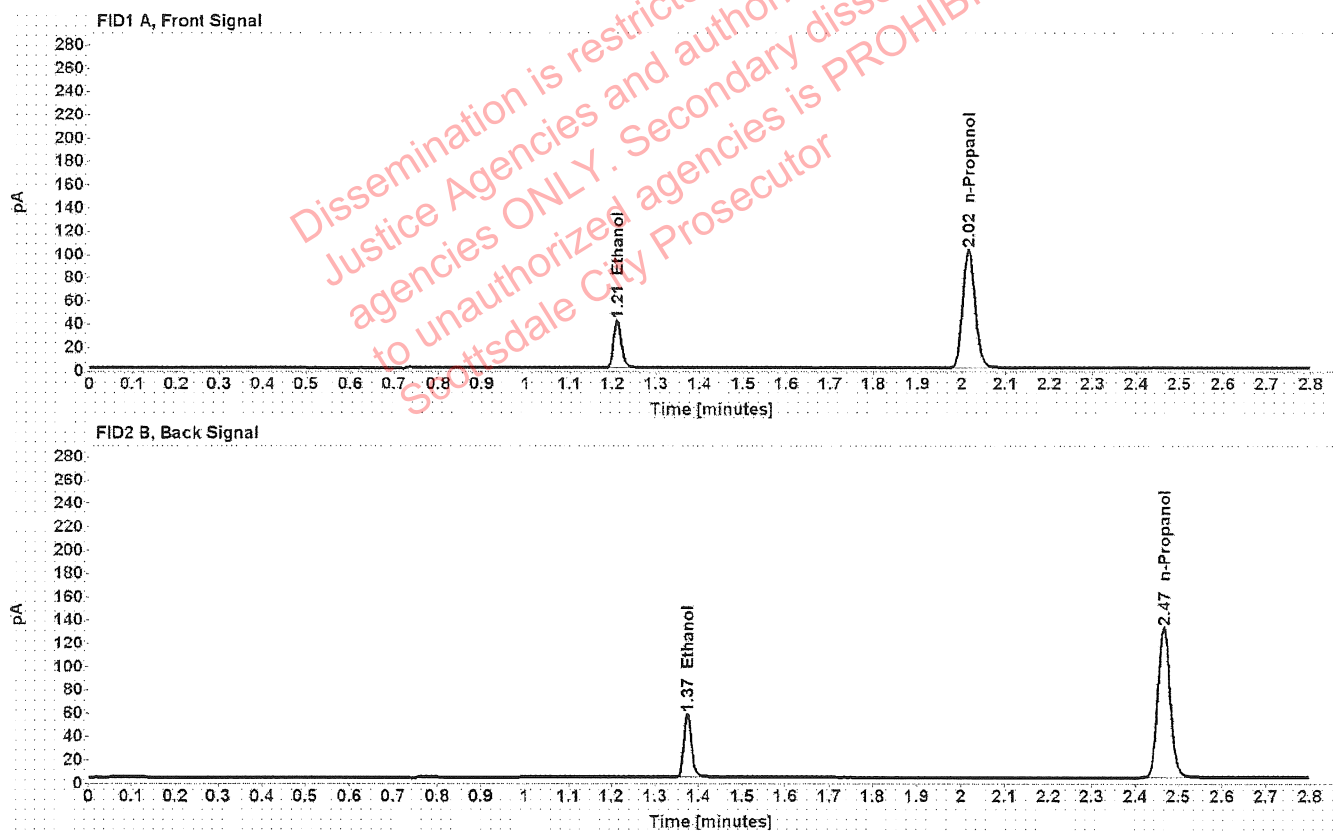


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0827	1.211	52.201
n-Propanol	-----	2.016	203.061

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

Compound	Time (min)	Peak Area
Ethanol	1.374	66.336
n-Propanol	2.467	258.426

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 31
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Mar22
Instrument: US14173023 CN14160045	Injection date: 3/15/2022 1:08:56 PM
Data file: C:\Chem32\1\Data\15Mar22\31.D	Analyst: Brooke <i>PB</i>

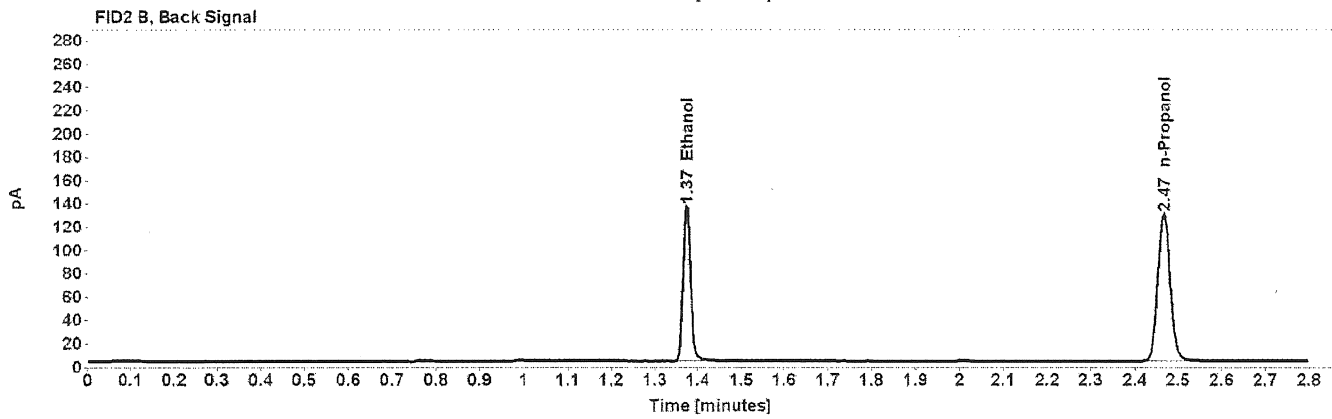
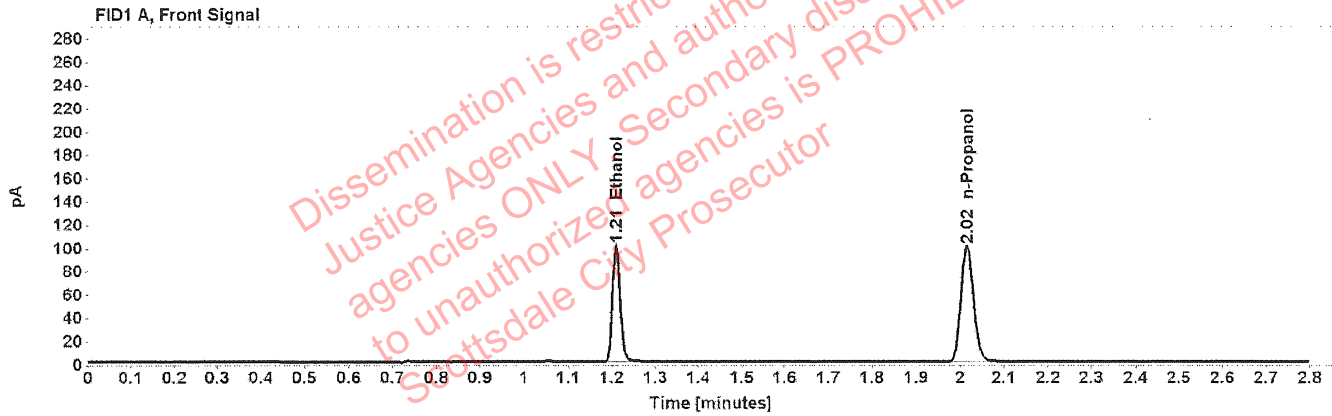


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.210	127.438
n-Propanol	-----	2.016	198.948

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

Compound	Time (min)	Peak Area
Ethanol	1.374	162.605
n-Propanol	2.467	253.115

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:53:10 PM
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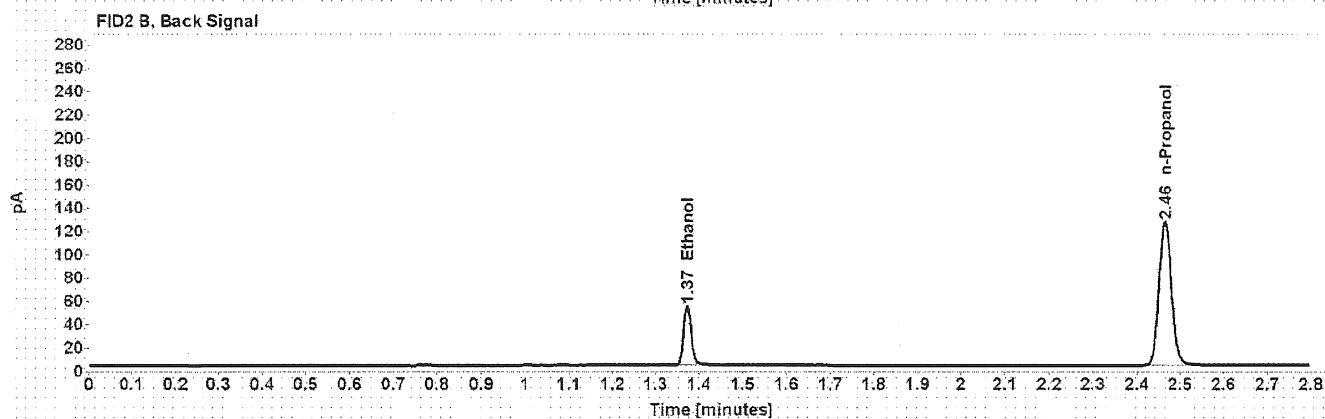
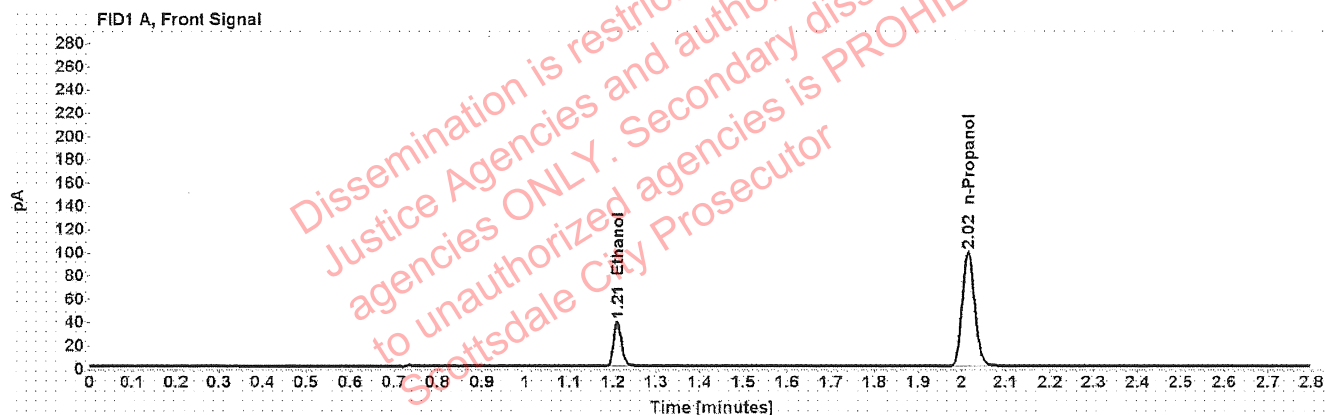


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.210	49.215
n-Propanol	-----	2.015	195.889

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

Compound	Time (min)	Peak Area
Ethanol	1.373	62.699
n-Propanol	2.465	249.079



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 11092018-A	<b>Vial:</b> 51
<b>Description:</b> 0.400	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 15Mar22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/15/2022 2:29:40 PM
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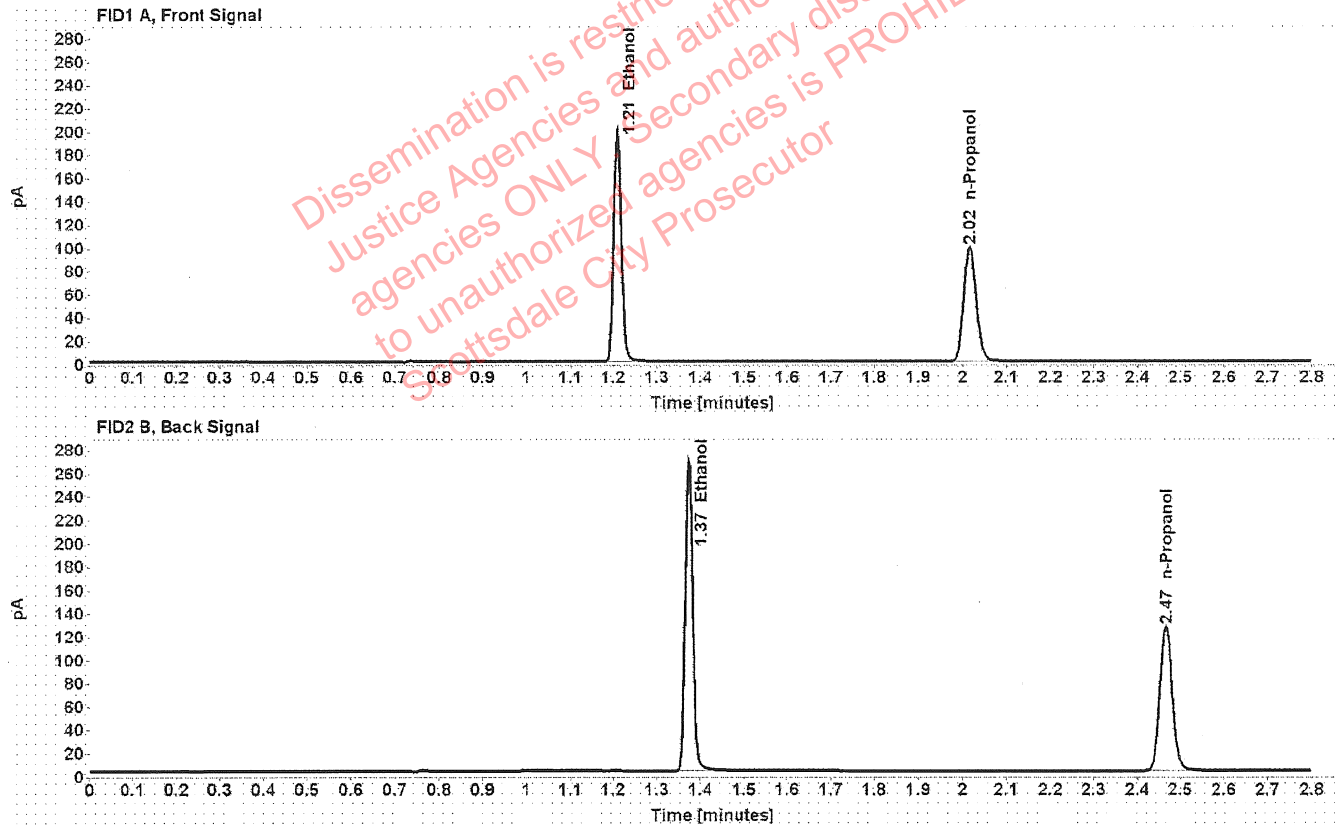


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3975	1.210	252.761
n-Propanol	-----	2.016	196.535

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

Compound	Time (min)	Peak Area
Ethanol	1.374	322.907
n-Propanol	2.467	249.795

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 52
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 15Mar22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/15/2022 2:33:40 PM
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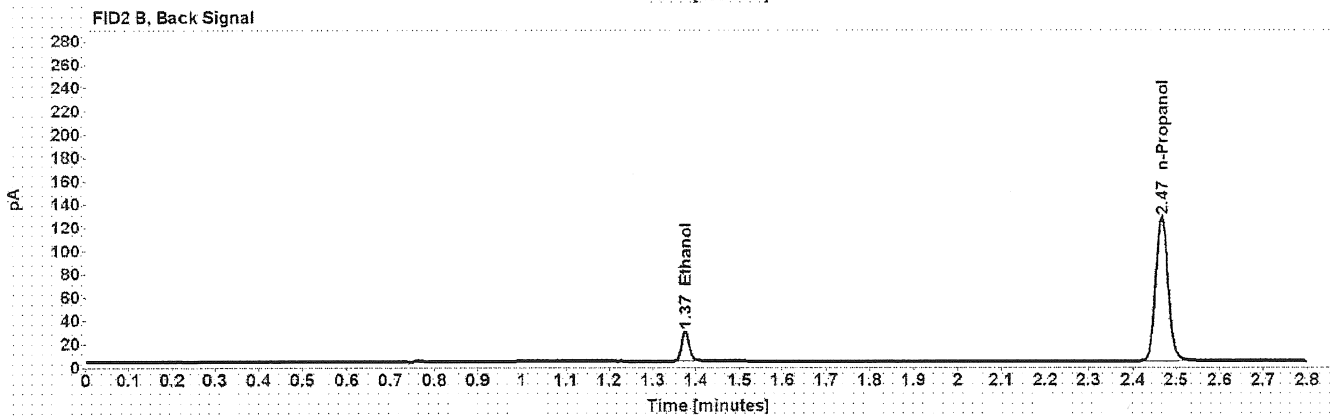
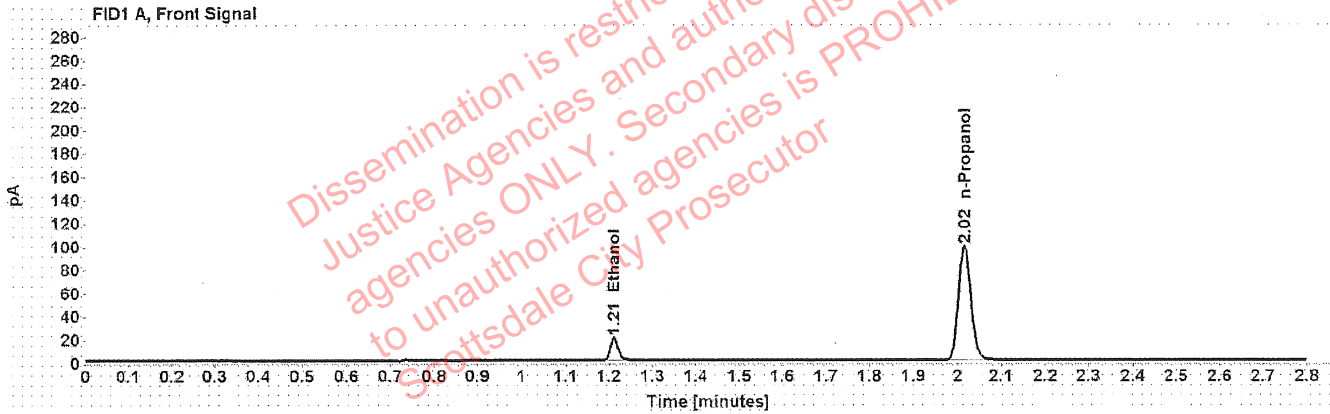


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0429	1.212	24.899
n-Propanol	-----	2.016	195.983

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

Compound	Time (min)	Peak Area
Ethanol	1.375	31.571
n-Propanol	2.466	249.142

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/2	<b>Vial:</b> 53
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 15Mar22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 3/15/2022 2:37:41 PM
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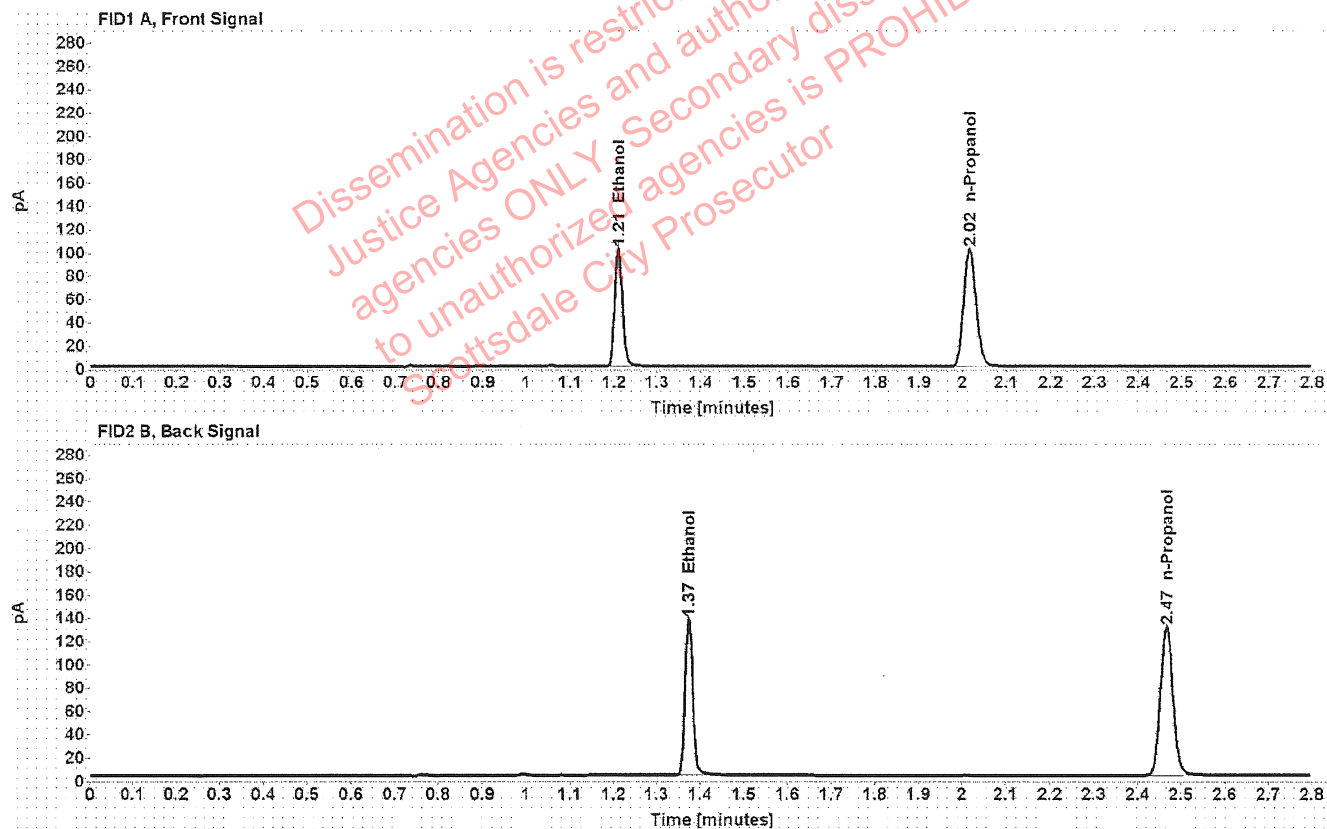


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.210	128.968
n-Propanol	-----	2.016	201.655

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.840
n-Propanol	2.467	256.513

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	54
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:41:40 PM
Data file:	C:\Chem32\1\Data\15Mar22\54.D	Analyst:	Brooke <i>AB</i>

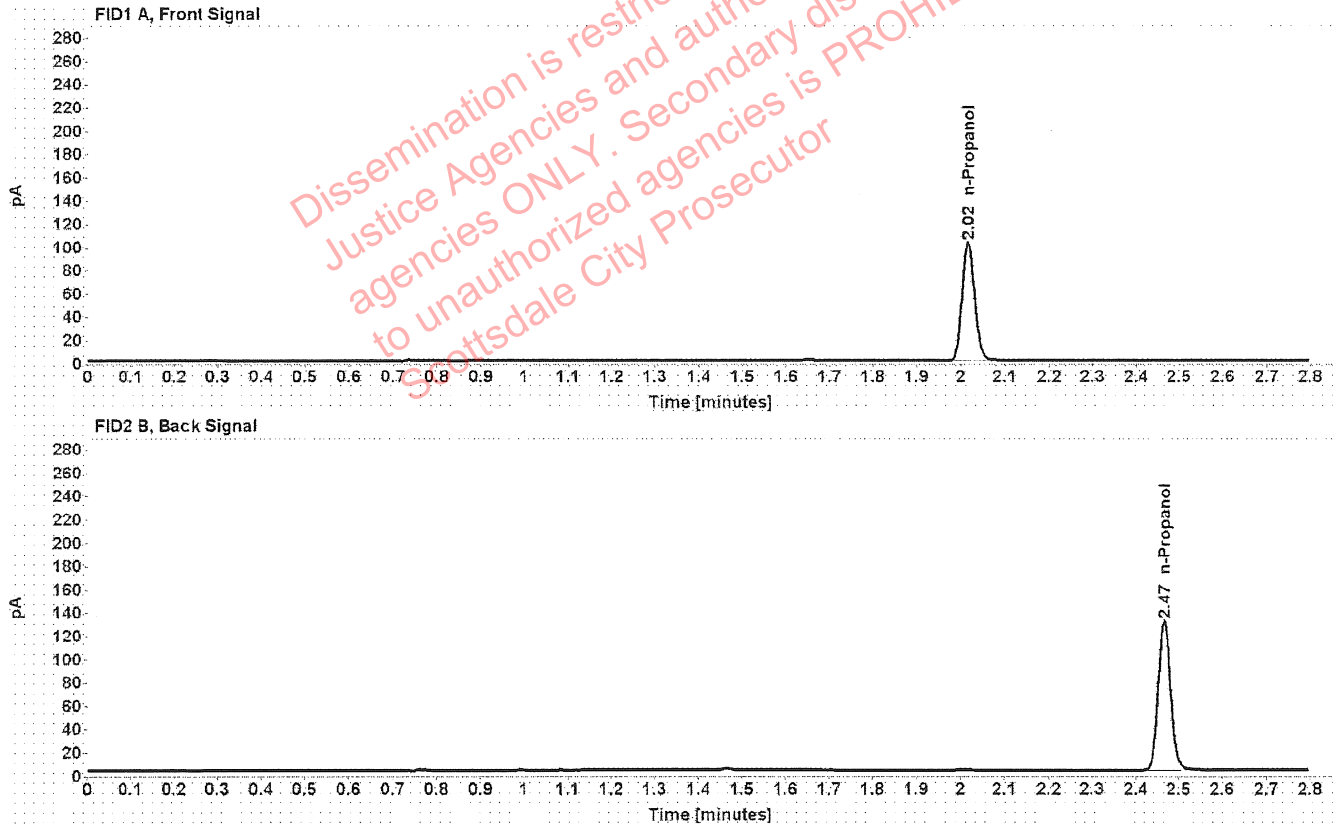


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	202.996

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	258.582

# Sequence Summary

Sequence name: 15Mar22 Instrument: US14173023 CN14160045 Analyst: Brooke

PB

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	010722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/2	0.199	Control		ethanol quant.M
10	1411940		Sample		ethanol quant.M
11	1411940		Sample		ethanol quant.M
12	38201JW		Sample		ethanol quant.M
13	38201JW		Sample		ethanol quant.M
14	31101PP		Sample		ethanol quant.M
15	31101PP		Sample		ethanol quant.M
16	40101EA		Sample		ethanol quant.M
17	40101EA		Sample		ethanol quant.M
18	39001LC		Sample		ethanol quant.M
19	39001LC		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	17101CP		Sample		ethanol quant.M
22	17101CP		Sample		ethanol quant.M
23	39101SE		Sample		ethanol quant.M
24	39101SE		Sample		ethanol quant.M
25	1411937		Sample		ethanol quant.M
26	1411937		Sample		ethanol quant.M
27	1411799		Sample		ethanol quant.M
28	1411799		Sample		ethanol quant.M
29	1411797		Sample		ethanol quant.M
30	1411797		Sample		ethanol quant.M
31	4110320133/2	0.199	Control		ethanol quant.M
32	1412359		Sample		ethanol quant.M
33	1412359		Sample		ethanol quant.M
34	1412643		Sample		ethanol quant.M
35	1412643		Sample		ethanol quant.M
36	1411965		Sample		ethanol quant.M
37	1411965		Sample		ethanol quant.M
38	1411951		Sample		ethanol quant.M
39	1411951		Sample		ethanol quant.M
40	1412953		Sample		ethanol quant.M
41	1412953		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	1407037		Sample		ethanol quant.M
44	1407037		Sample		ethanol quant.M
45	1411938		Sample		ethanol quant.M
46	1411938		Sample		ethanol quant.M
47	1413210		Sample		ethanol quant.M



# Sequence Summary

PB

48	1413210		Sample		ethanol quant.M
49	1398094		Sample		ethanol quant.M
50	1398094		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4110320133/2	0.199	Control		ethanol quant.M
54	101921WB	Negative	Control		ethanol quant.M

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Justice Agencies and authorized NON-C.J.  
agencies ONLY. Secondary dissemination  
to unauthorized agencies is PROHIBITED.  
Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Mar22

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1854	0.1841	0.18475	0.35	0.00065
12 13	0.1427	0.1426	0.14265	0.04	0.00005
14 15	0.0826	0.0820	0.08230	0.36	0.00030
16 17	0.2121	0.2118	0.21195	0.07	0.00015
18 19	0.1367	0.1375	0.13710	0.29	0.00040
21 22	0.2408	0.2405	0.24065	0.06	0.00015
23 24	0.1392	0.1391	0.13915	0.04	0.00005
25 26	0.2096	0.2090	0.20930	0.14	0.00030
27 28	0.2441	0.2457	0.24490	0.33	0.00080
29 30	0.1976	0.1994	0.19850	0.45	0.00090
32 33	0.2307	0.2287	0.22970	0.44	0.00100
34 35	0.1443	0.1443	0.14430	0.00	0.00000
36 37	0.2284	0.2262	0.22730	0.48	0.00110
38 39	0.2060	0.2074	0.20670	0.34	0.00070
40 41	0.3159	0.3137	0.31480	0.35	0.00110
43 44	0.1598	0.1602	0.16000	0.12	0.00020
45 46	0.1645	0.1645	0.16450	0.00	0.00000
47 48	0.1310	0.1308	0.13090	0.08	0.00010
49 50	0.1492	0.1481	0.14865	0.37	0.00055

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411940	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:43:56 AM
Data file:	C:\Chem32\1\Data\15Mar22\10.D	Analyst:	Brooke

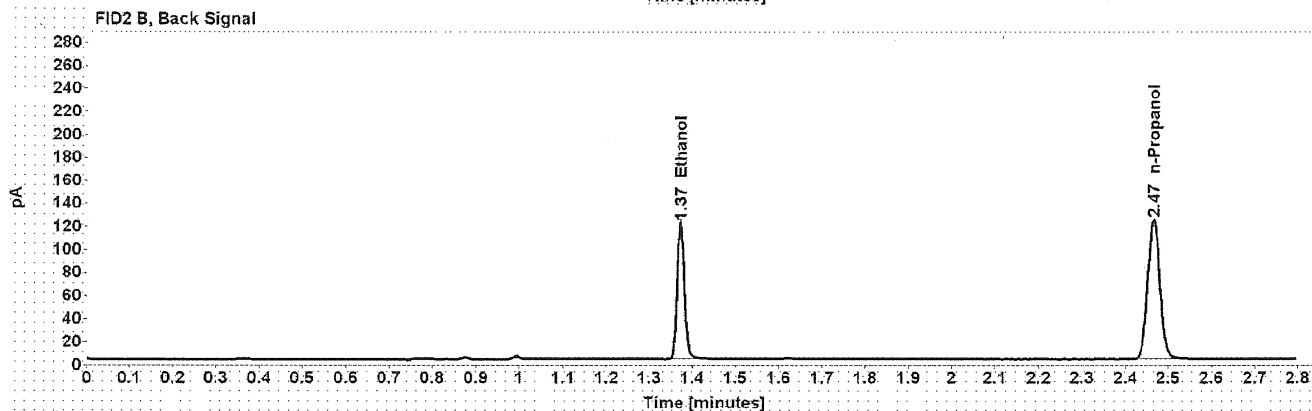
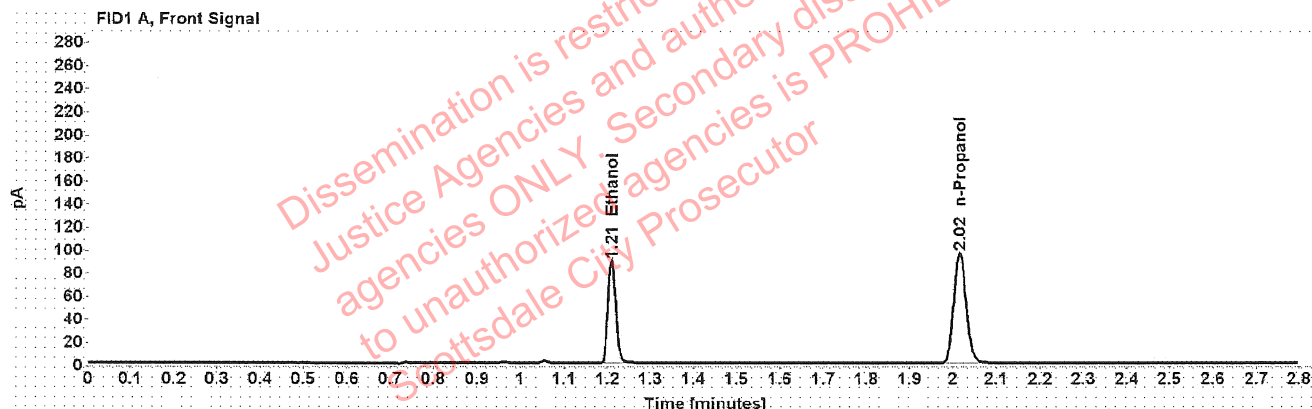


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1854	1.210	113.007
n-Propanol	-----	2.015	190.650

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

Compound	Time (min)	Peak Area
Ethanol	1.373	143.609
n-Propanol	2.466	242.936



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411940	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:47:56 AM
Data file:	C:\Chem32\1\Data\15Mar22\11.D	Analyst:	Brooke

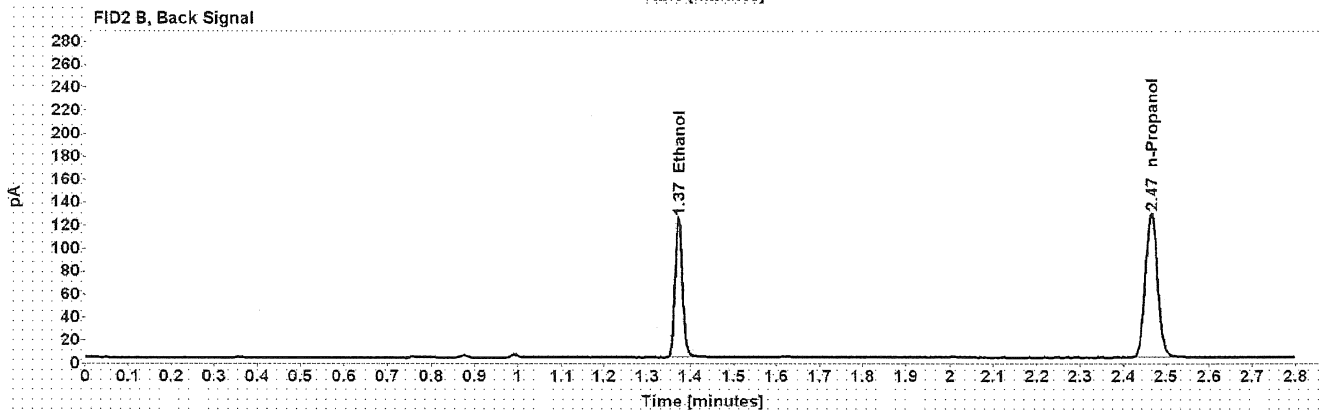
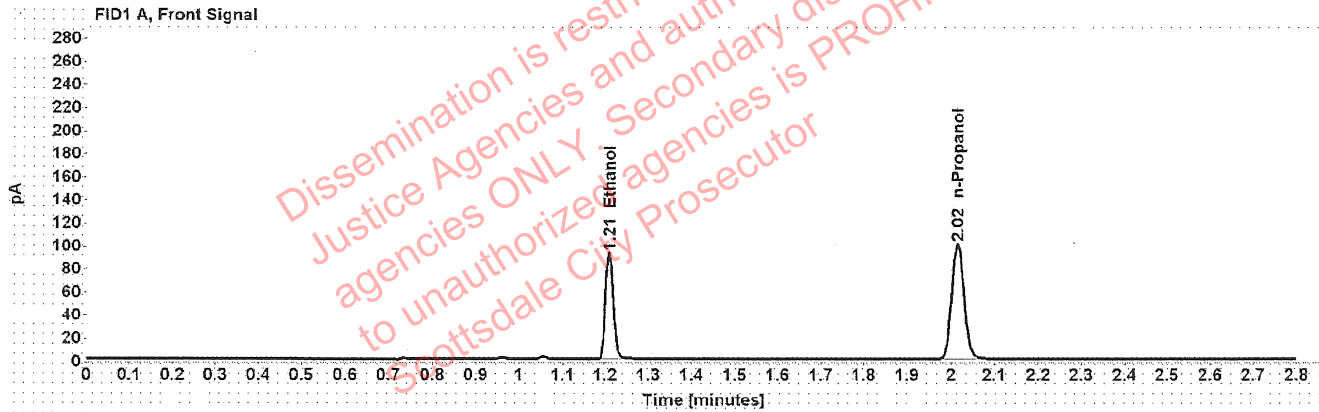


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1841	1.209	116.482
n-Propanol	-----	2.015	197.928

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

Compound	Time (min)	Peak Area
Ethanol	1.372	148.290
n-Propanol	2.465	252.565



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201JW	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:51:56 AM
Data file:	C:\Chem32\1\Data\15Mar22\12.D	Analyst:	Brooke

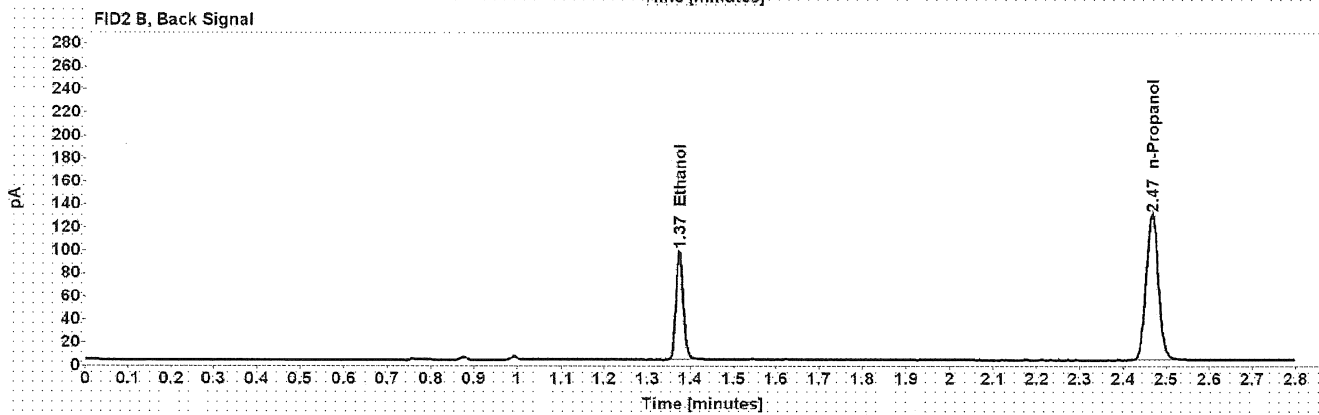
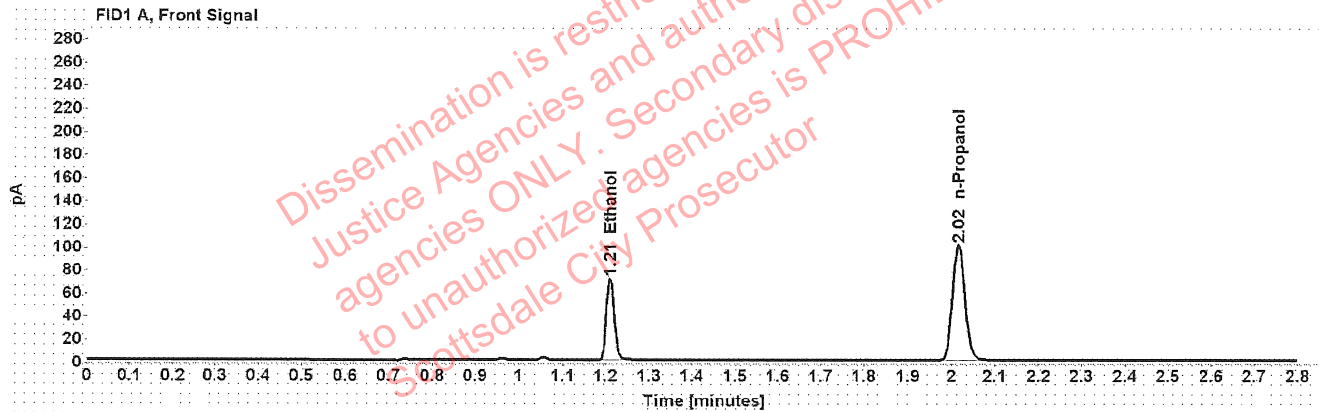


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1427	1.210	90.521
n-Propanol	-----	2.016	199.684

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.686
n-Propanol	2.467	254.662

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38201JW	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 11:56:12 AM
Data file:	C:\Chem32\1\Data\15Mar22\13.D	Analyst:	Brooke

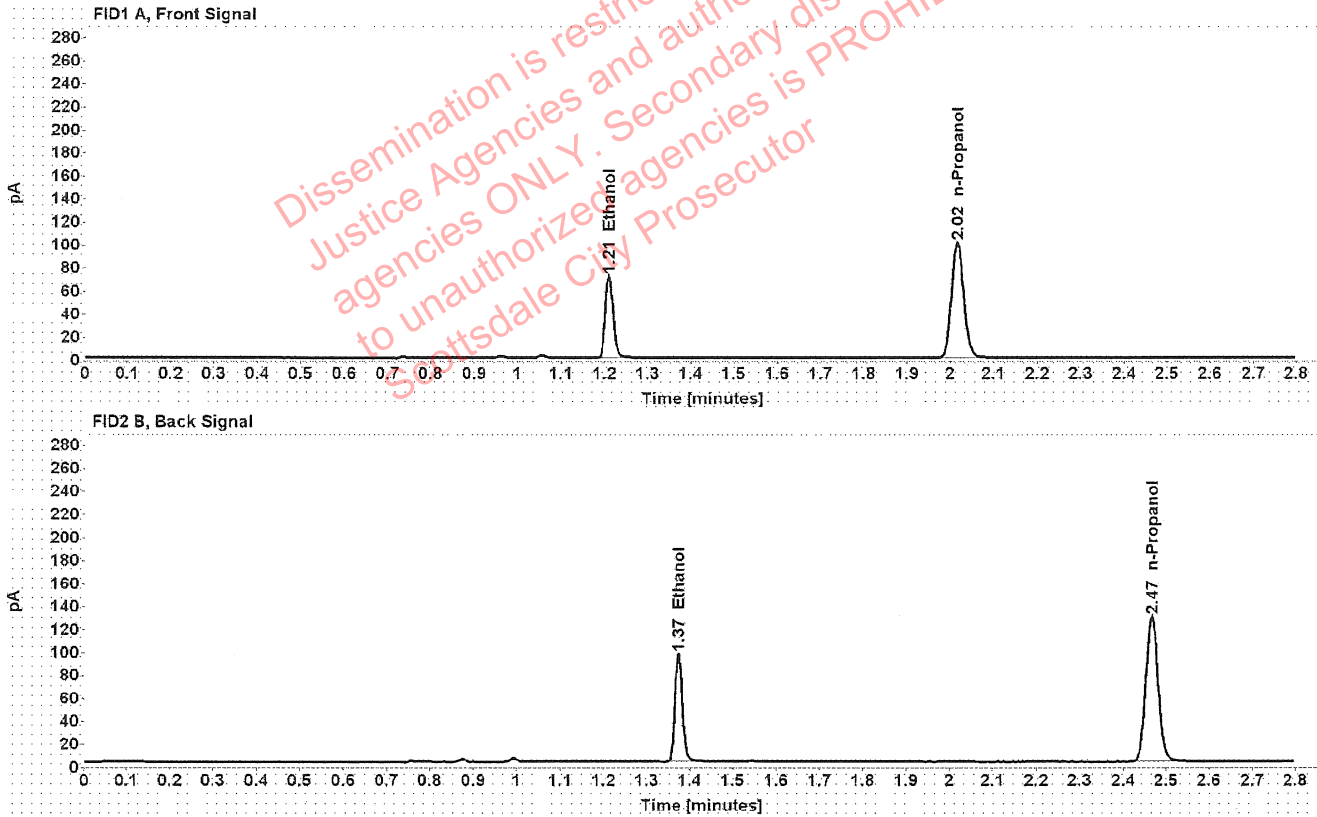


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1426	1.210	90.259
n-Propanol	-----	2.016	199.216

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

Compound	Time (min)	Peak Area
Ethanol	1.374	114.470
n-Propanol	2.466	253.785

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31101PP	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:00:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\14.D	Analyst:	Brooke

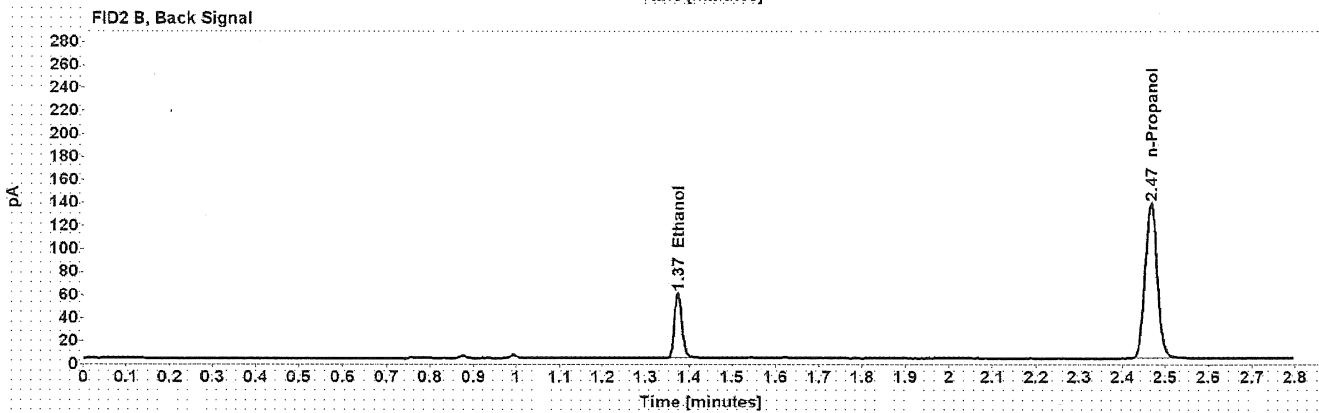
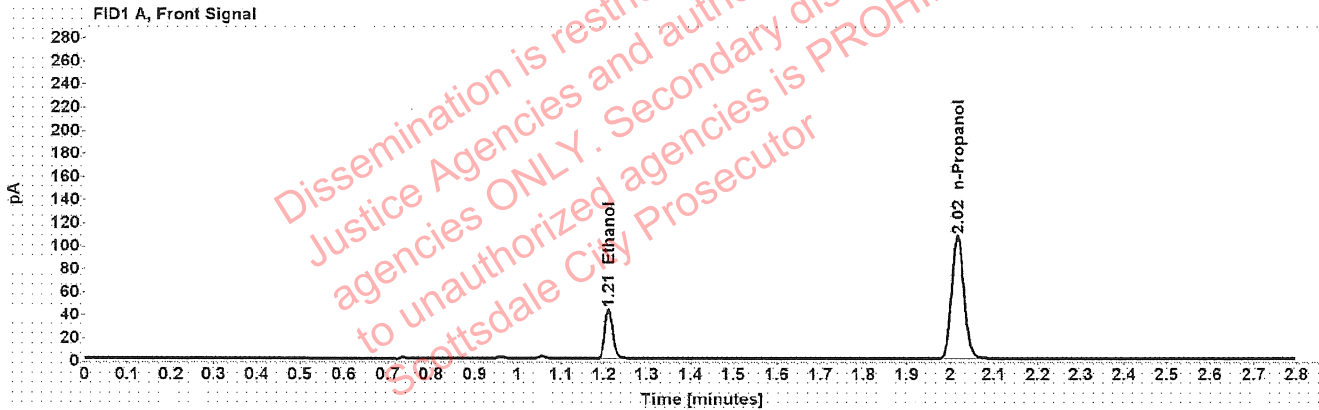


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0826	1.211	54.438
n-Propanol	-----	2.016	211.958

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

Compound	Time (min)	Peak Area
Ethanol	1.374	68.973
n-Propanol	2.466	270.094

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31101PP	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:04:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\15.D	Analyst:	Brooke

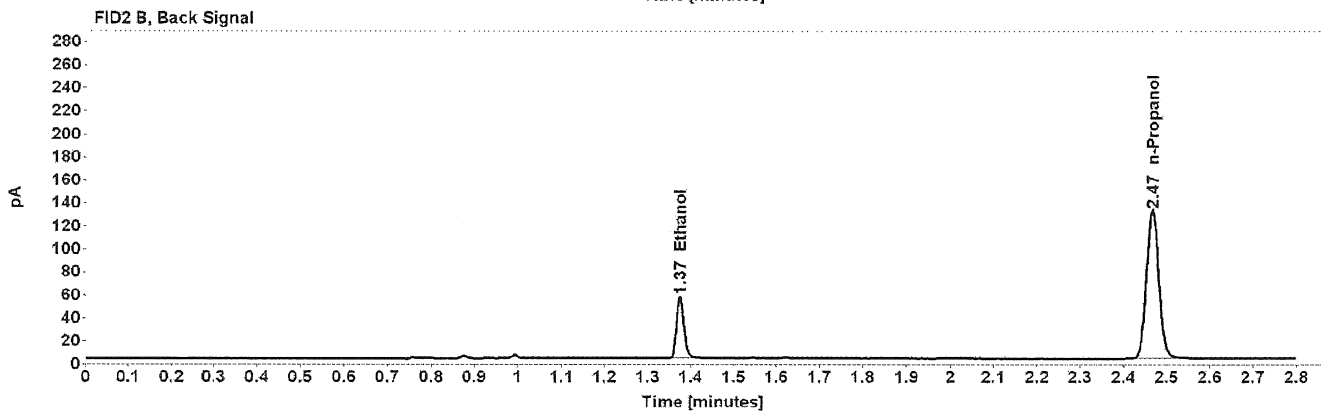
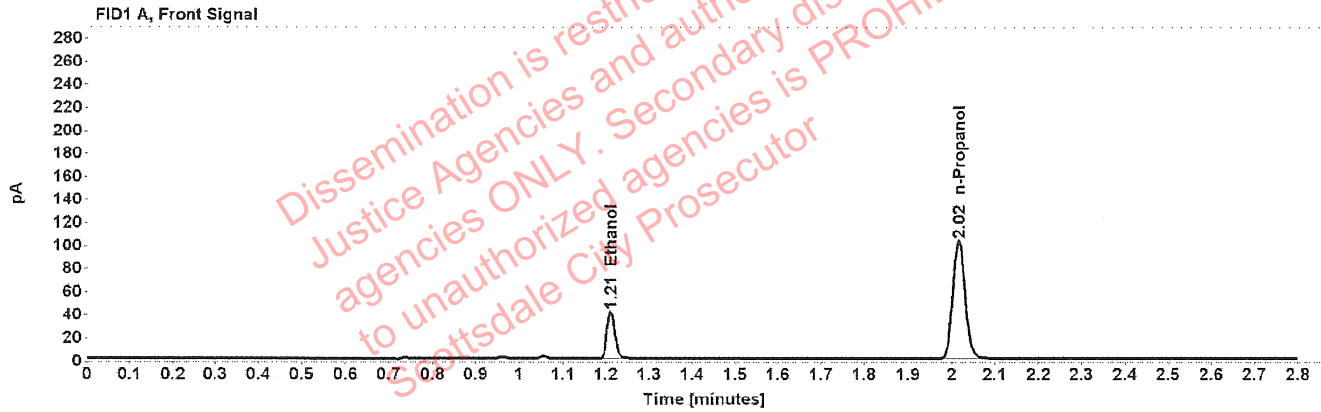


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.211	51.873
n-Propanol	-----	2.016	203.539

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

Compound	Time (min)	Peak Area
Ethanol	1.374	65.746
n-Propanol	2.466	259.312

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40101EA	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:08:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\16.D	Analyst:	Brooke

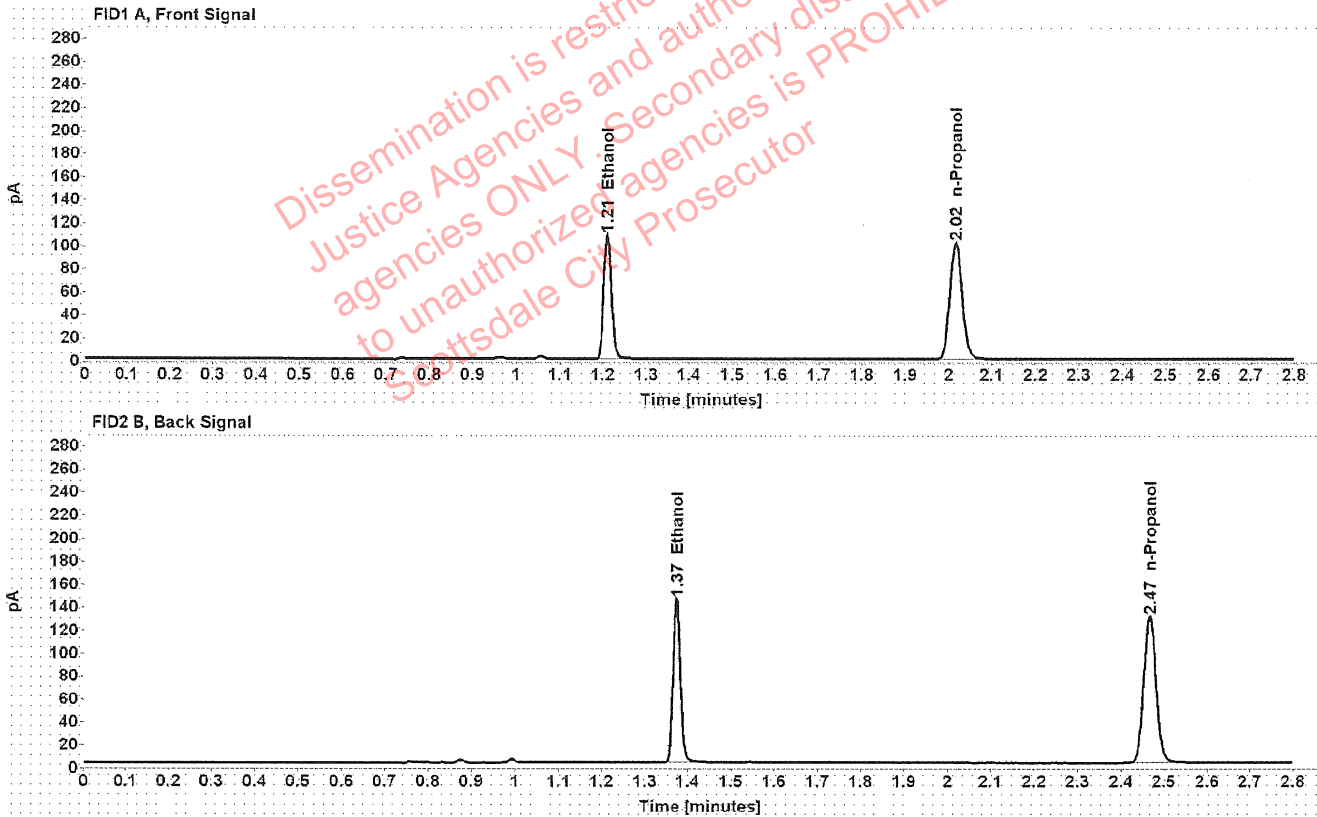


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2121	1.210	136.677
n-Propanol	-----	2.016	200.953

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

Compound	Time (min)	Peak Area
Ethanol	1.374	173.886
n-Propanol	2.466	255.829

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40101EA	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:12:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\17.D	Analyst:	Brooke

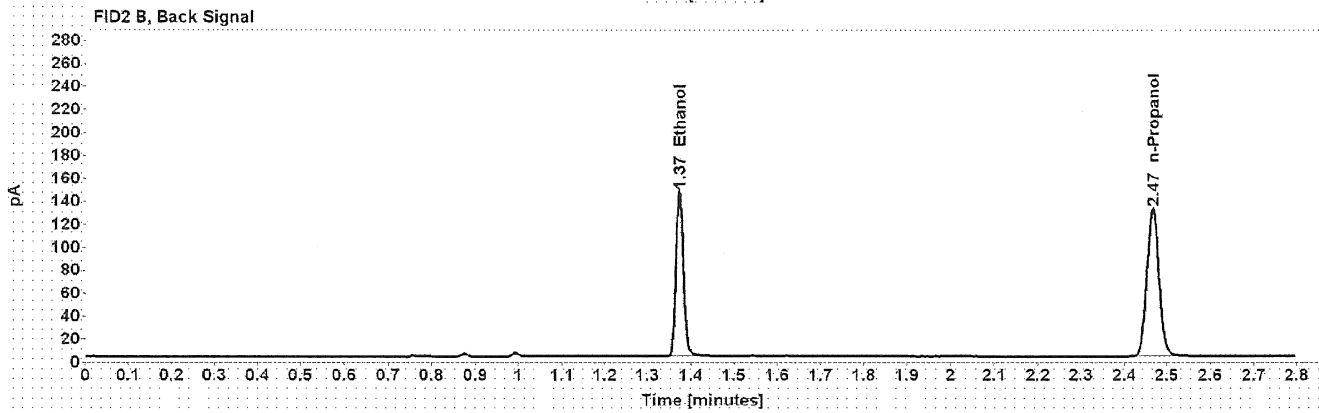
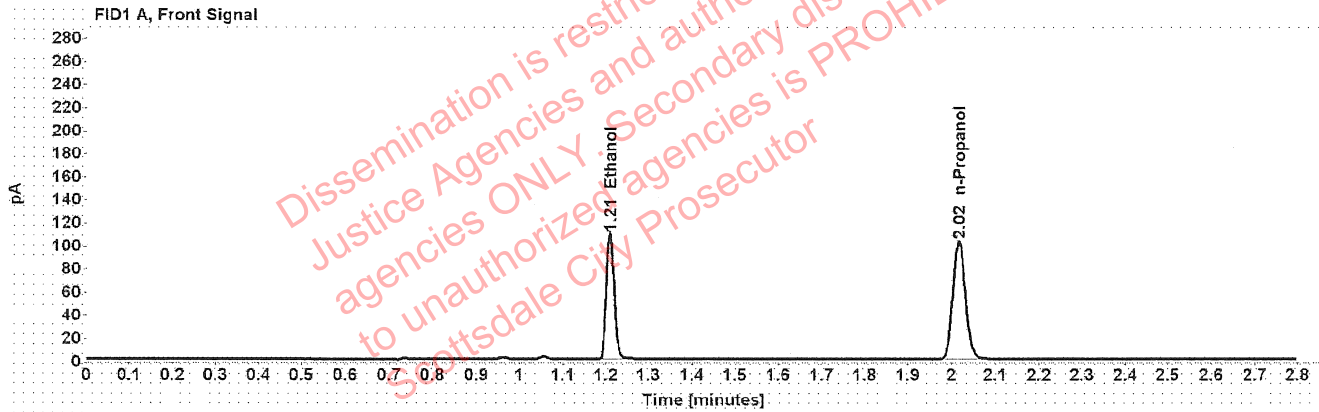


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2118	1.210	137.618
n-Propanol	-----	2.016	202.647

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

Compound	Time (min)	Peak Area
Ethanol	1.374	174.825
n-Propanol	2.466	258.074

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001LC	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:16:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\18.D	Analyst:	Brooke

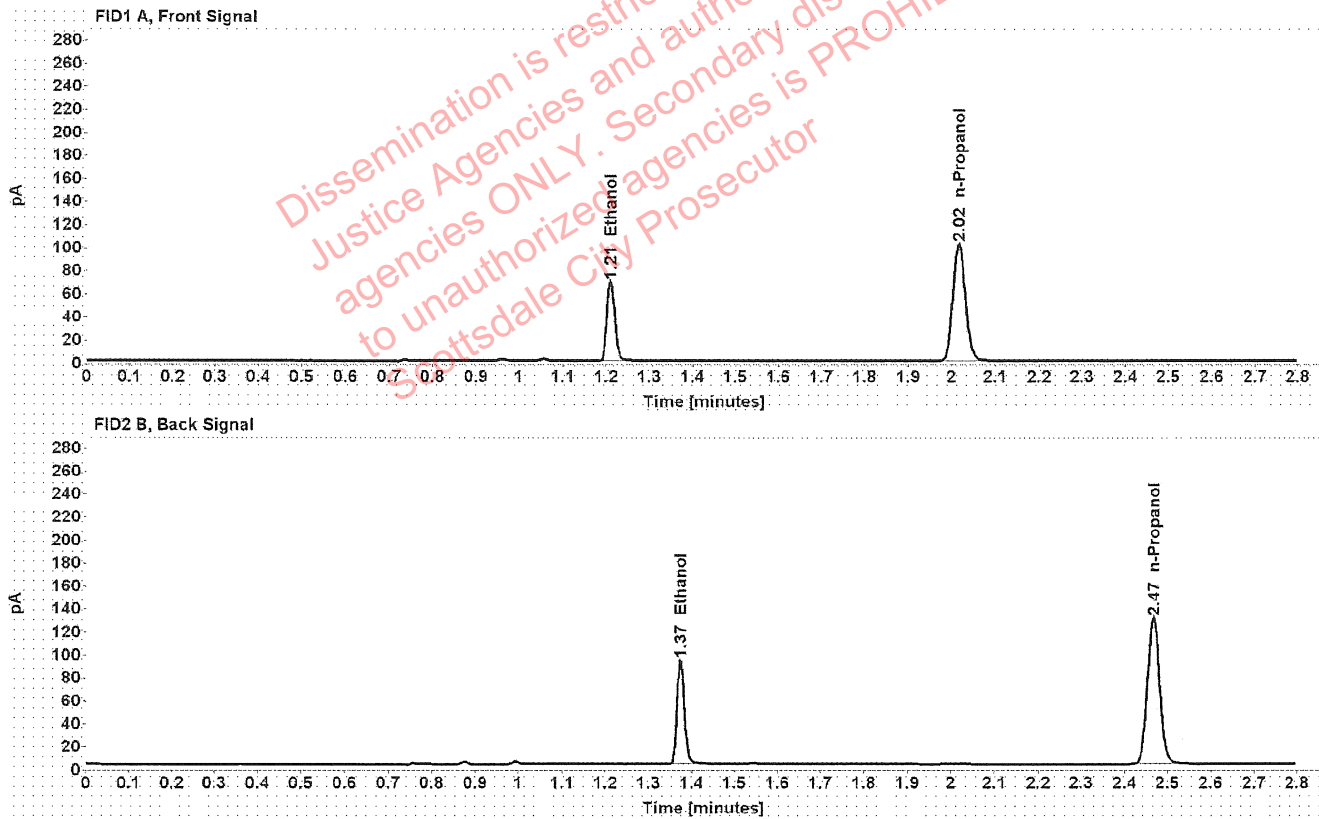


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1367	1.210	87.162
n-Propanol	-----	2.016	200.999

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

Compound	Time (min)	Peak Area
Ethanol	1.374	110.794
n-Propanol	2.467	256.130



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39001LC	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:20:26 PM
Data file:	C:\Chem32\1\Data\15Mar22\19.D	Analyst:	Brooke

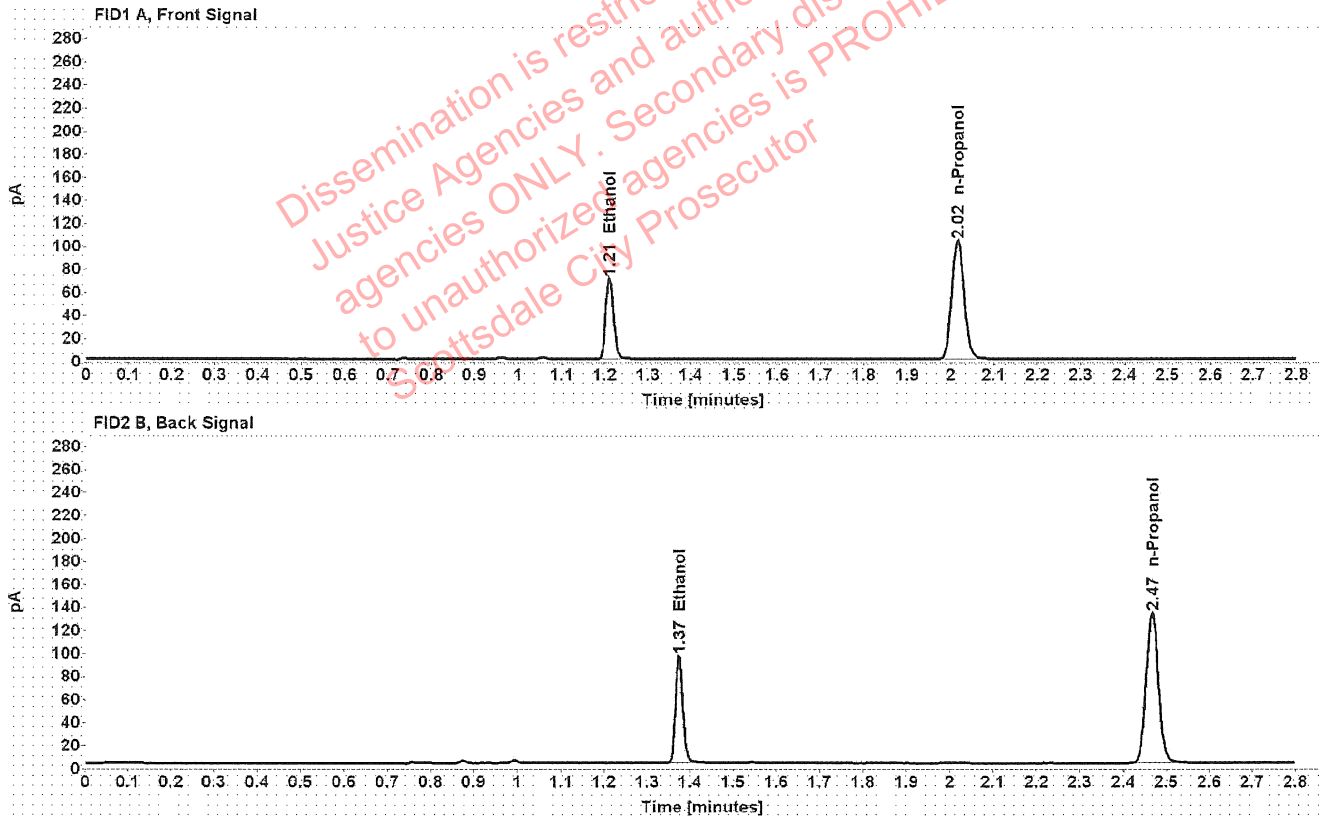


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1375	1.210	89.465
n-Propanol	-----	2.016	205.000

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

Compound	Time (min)	Peak Area
Ethanol	1.374	113.664
n-Propanol	2.467	260.995

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17101CP	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:28:26 PM
Data file:	C:\Chem32\1\Data\15Mar22\21.D	Analyst:	Brooke

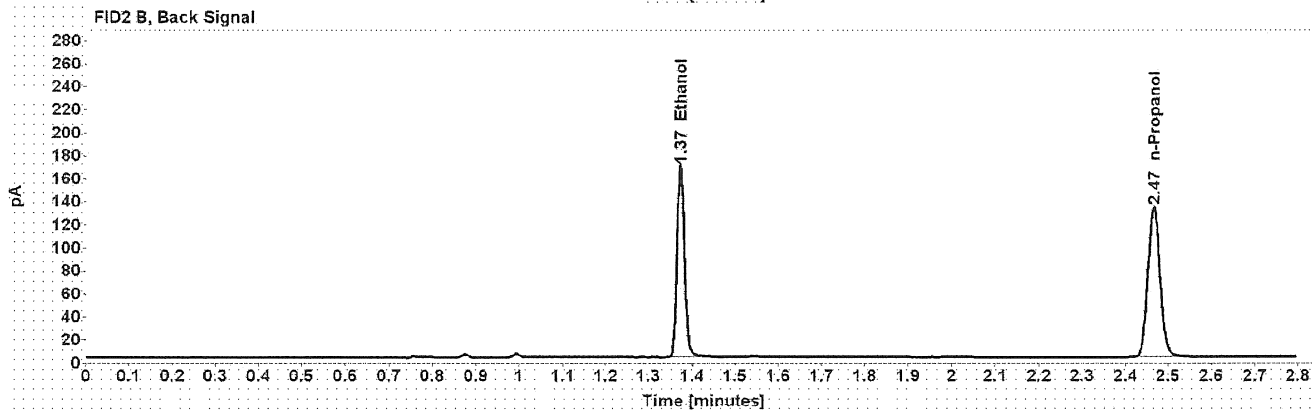
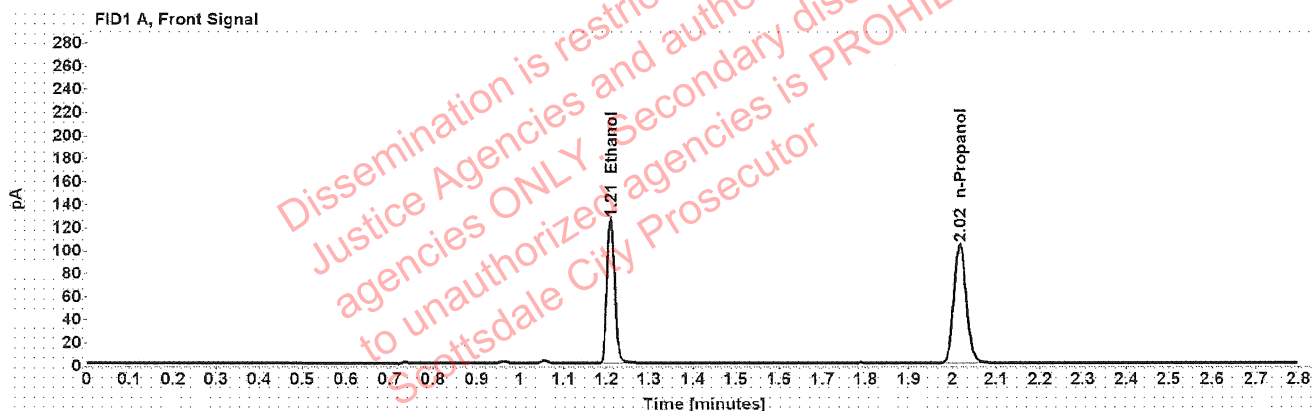


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2408	1.210	158.814
n-Propanol	-----	2.016	205.212

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

Compound	Time (min)	Peak Area
Ethanol	1.374	203.802
n-Propanol	2.467	261.145

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17101CP	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:32:26 PM
Data file:	C:\Chem32\1\Data\15Mar22\22.D	Analyst:	Brooke

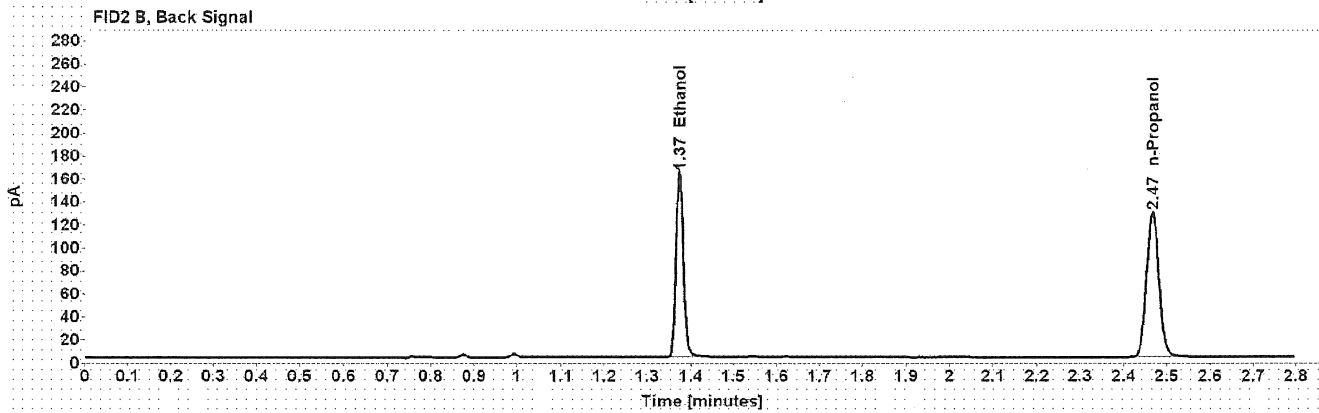
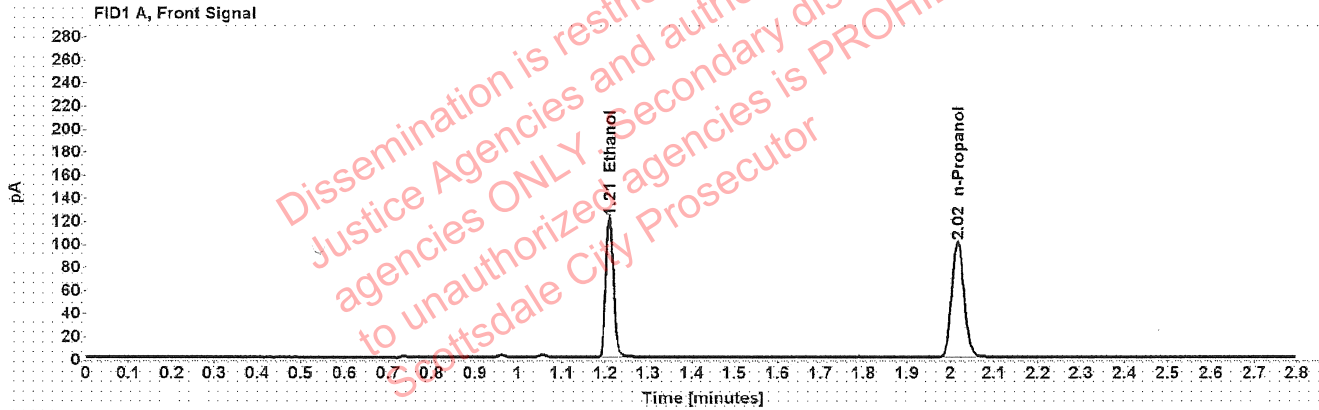


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2405	1.210	153.628
n-Propanol	-----	2.016	198.749

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

Compound	Time (min)	Peak Area
Ethanol	1.374	195.608
n-Propanol	2.467	252.982

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39101SE	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:36:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\23.D	Analyst:	Brooke

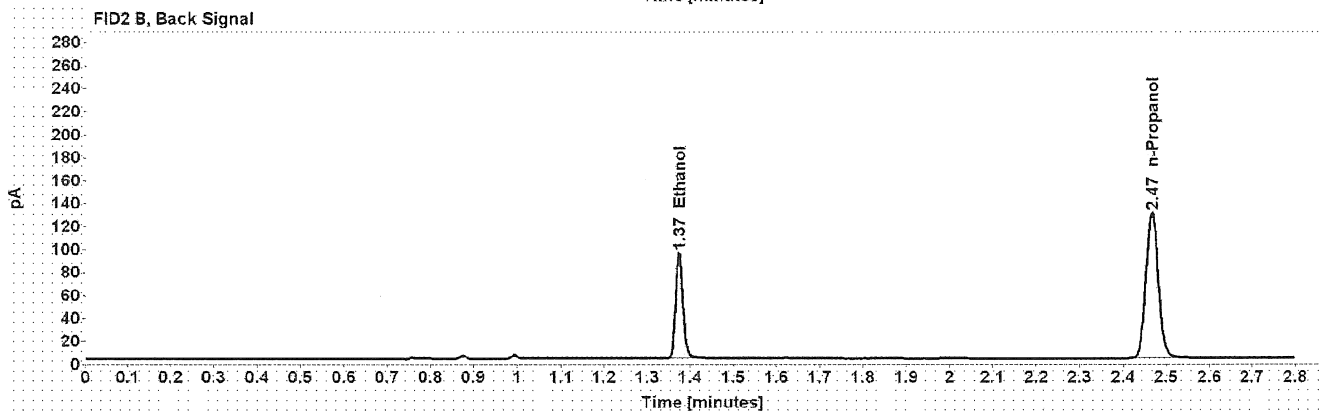
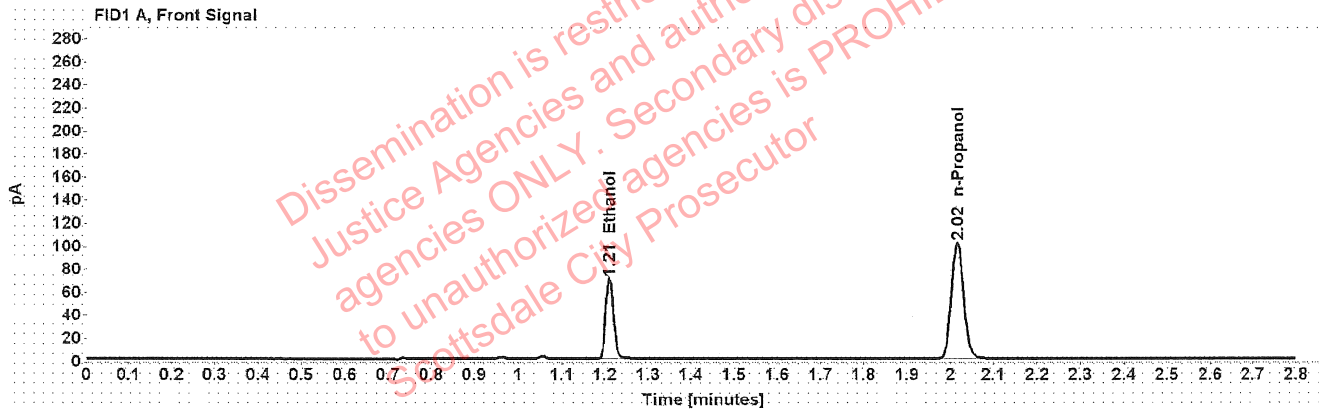


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1392	1.210	88.689
n-Propanol	-----	2.016	200.692

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.461
n-Propanol	2.467	255.837

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	39101SE	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:40:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\24.D	Analyst:	Brooke

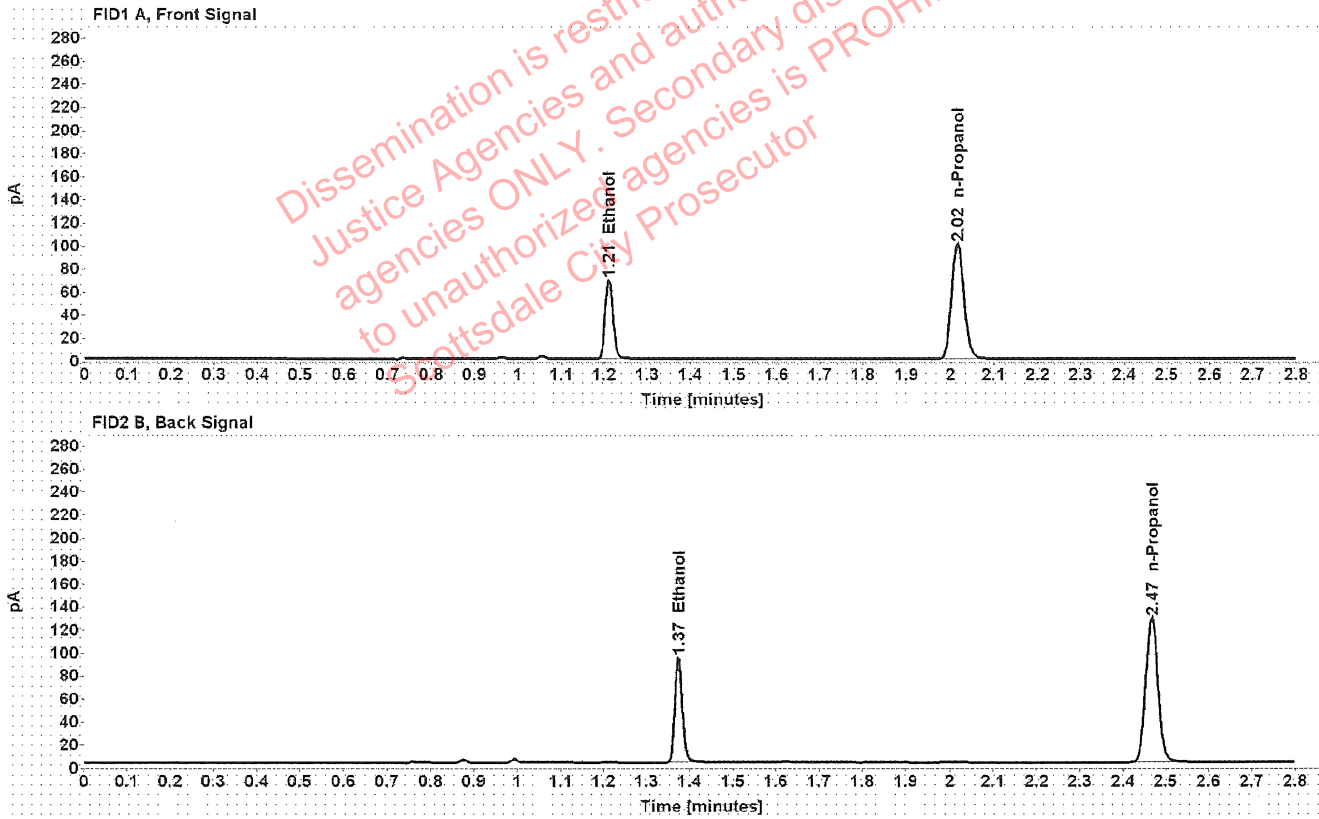


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1391	1.210	87.694
n-Propanol	-----	2.016	198.634

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

Compound	Time (min)	Peak Area
Ethanol	1.374	111.364
n-Propanol	2.467	253.229

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411937	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:44:40 PM
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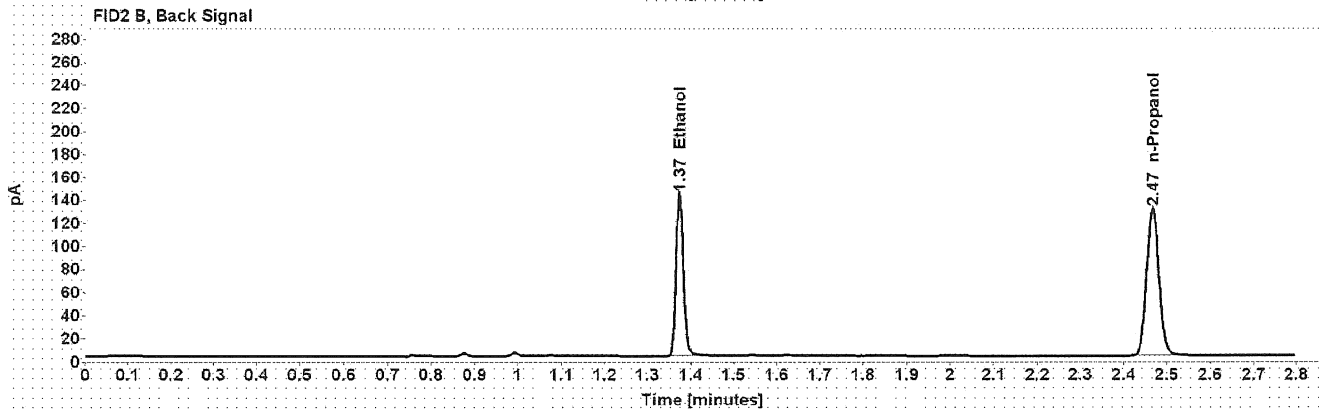
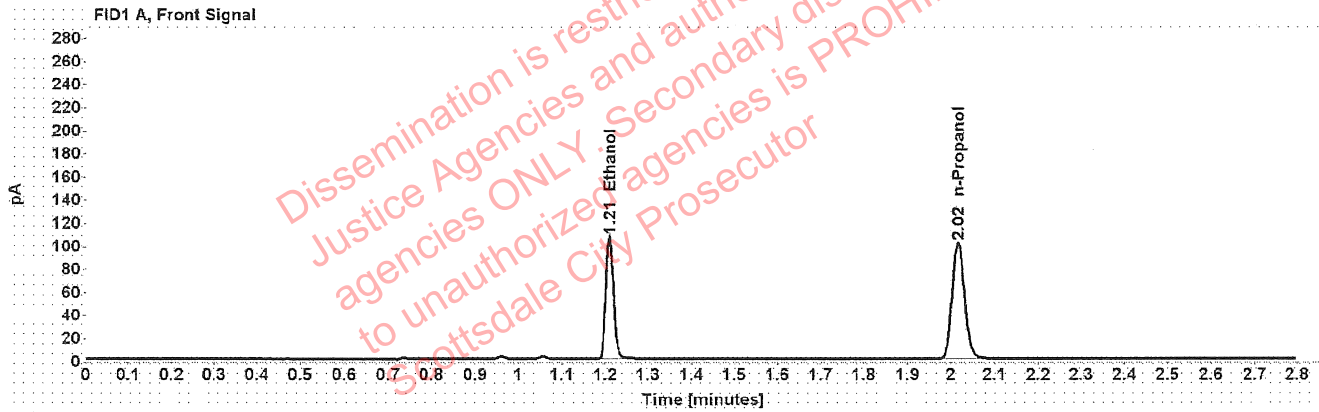


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2096	1.210	134.822
n-Propanol	-----	2.016	200.656

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

Compound	Time (min)	Peak Area
Ethanol	1.374	171.354
n-Propanol	2.467	255.382

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411937	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:48:40 PM
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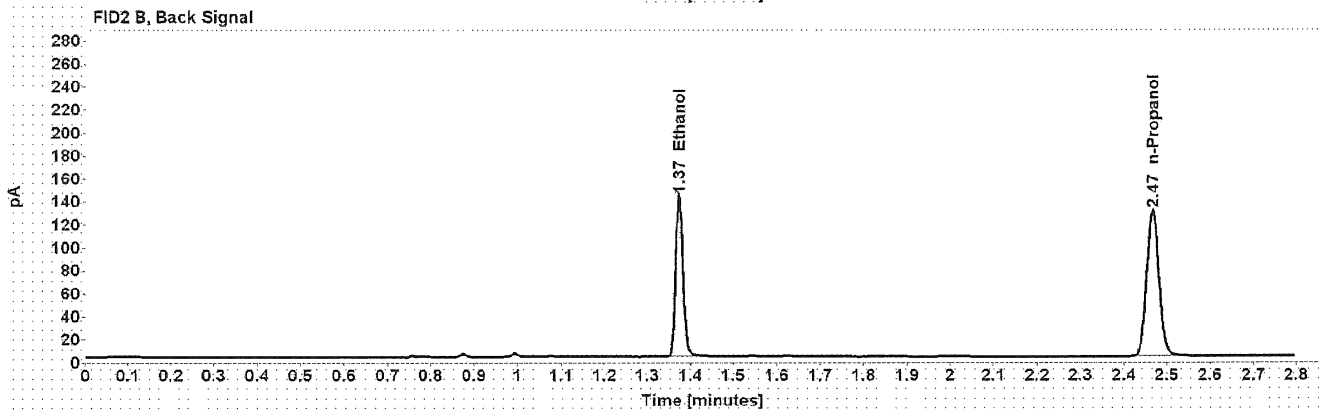
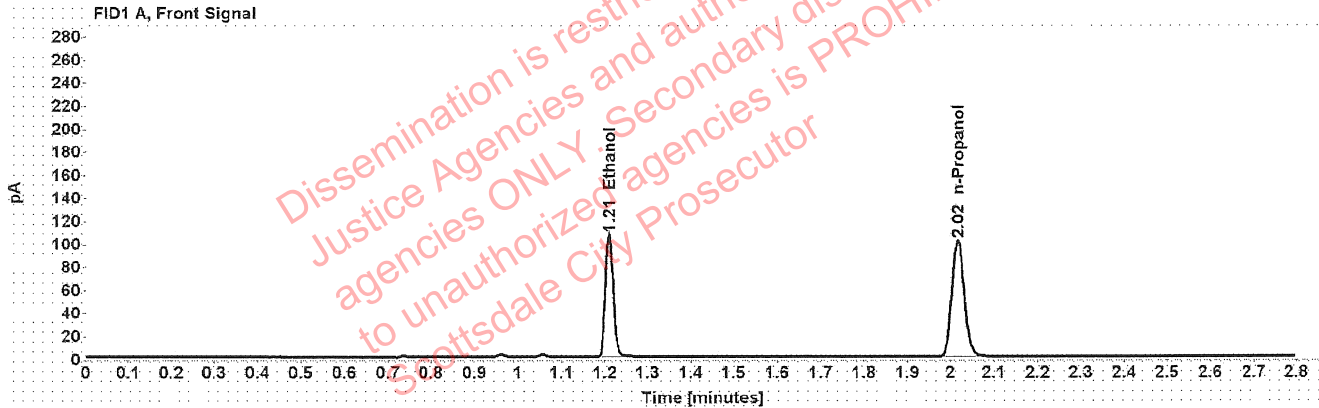


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2090	1.210	134.293
n-Propanol	-----	2.016	200.380

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

Compound	Time (min)	Peak Area
Ethanol	1.374	170.974
n-Propanol	2.467	255.116



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411799	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:52:41 PM
Data file:	C:\Chem32\1\Data\15Mar22\27.D	Analyst:	Brooke

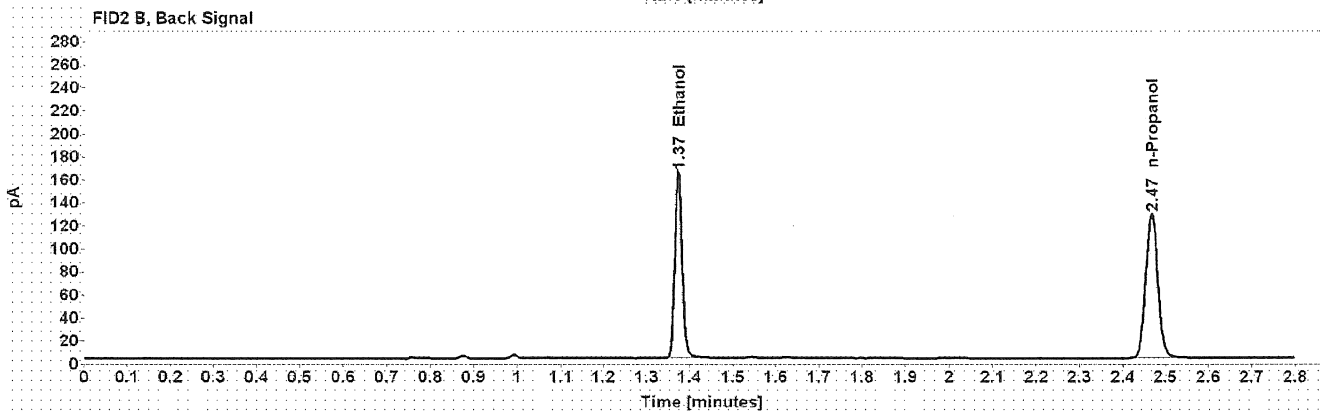
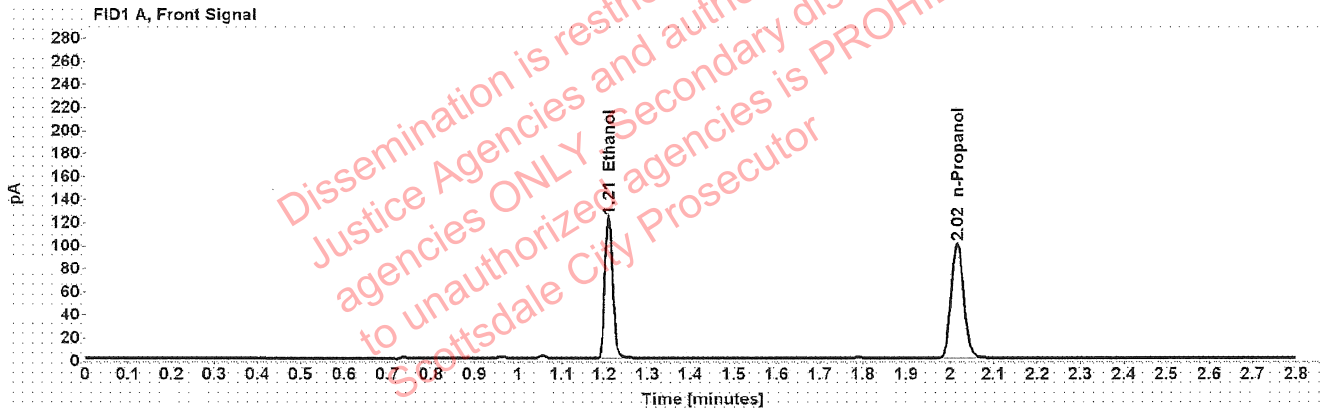


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2441	1.210	155.367
n-Propanol	-----	2.016	197.987

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

Compound	Time (min)	Peak Area
Ethanol	1.374	199.402
n-Propanol	2.467	252.024

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411799	Vial:	28
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 12:56:40 PM
Data file:	C:\Chem32\1\Data\15Mar22\28.D	Analyst:	Brooke

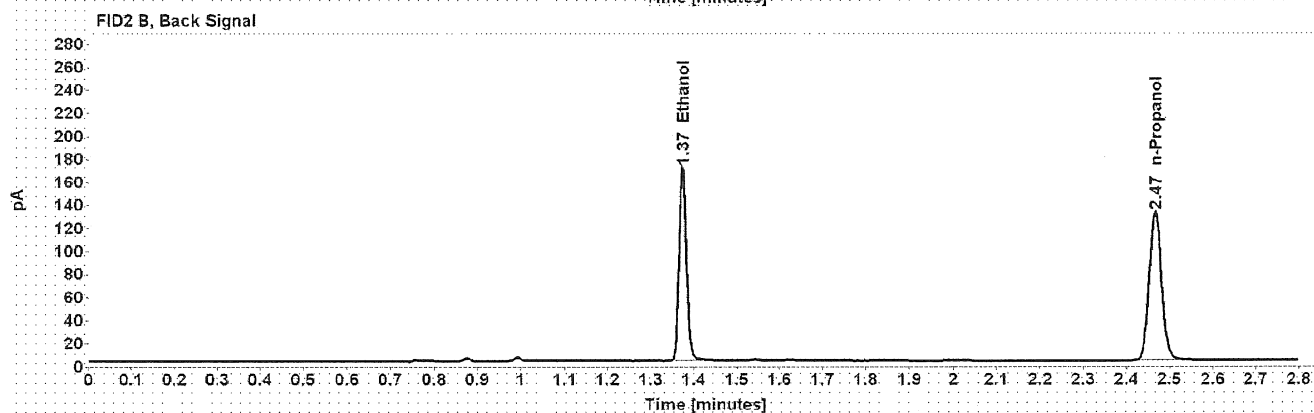
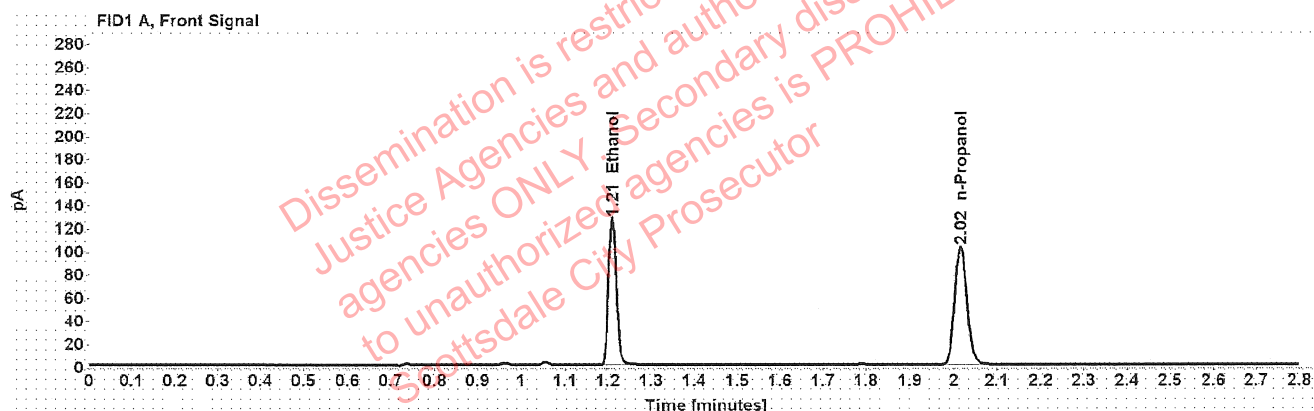


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2457	1.210	160.346
n-Propanol	-----	2.016	202.939

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

Compound	Time (min)	Peak Area
Ethanol	1.374	205.794
n-Propanol	2.467	258.402

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411797	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:00:40 PM
Data file:	C:\Chem32\1\Data\15Mar22\29.D	Analyst:	Brooke

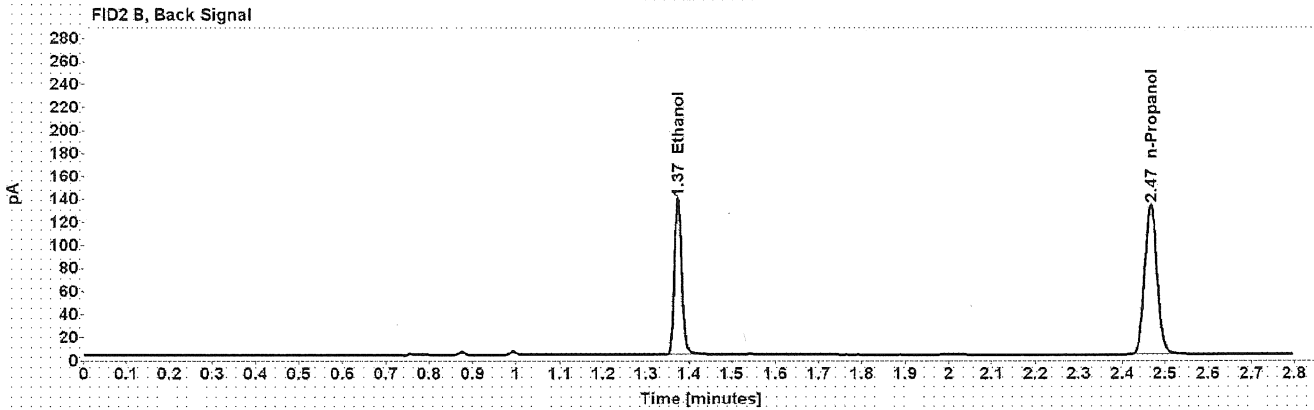
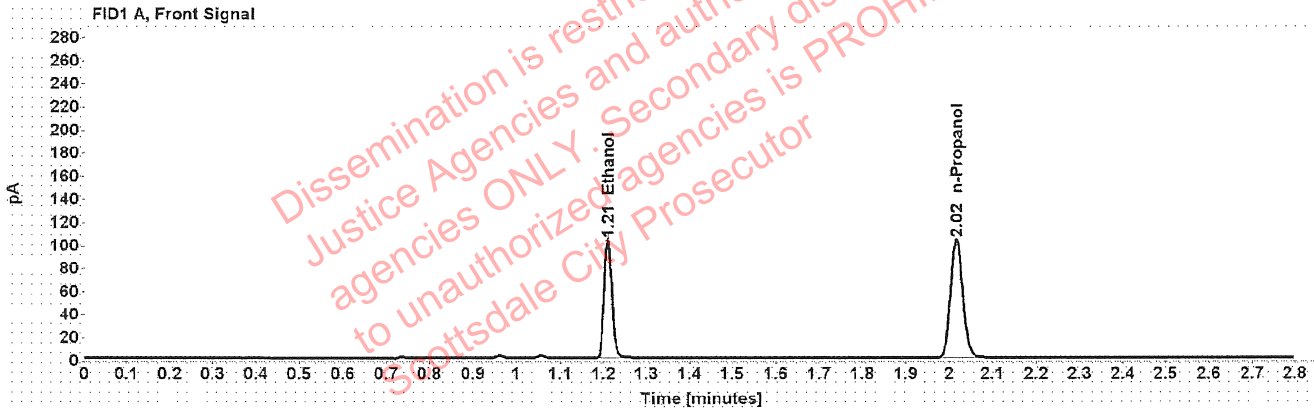


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1976	1.210	129.768
n-Propanol	-----	2.016	205.085

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

Compound	Time (min)	Peak Area
Ethanol	1.374	165.232
n-Propanol	2.467	260.946

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411797	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:04:41 PM
Data file:	C:\Chem32\1\Data\15Mar22\30.D	Analyst:	Brooke

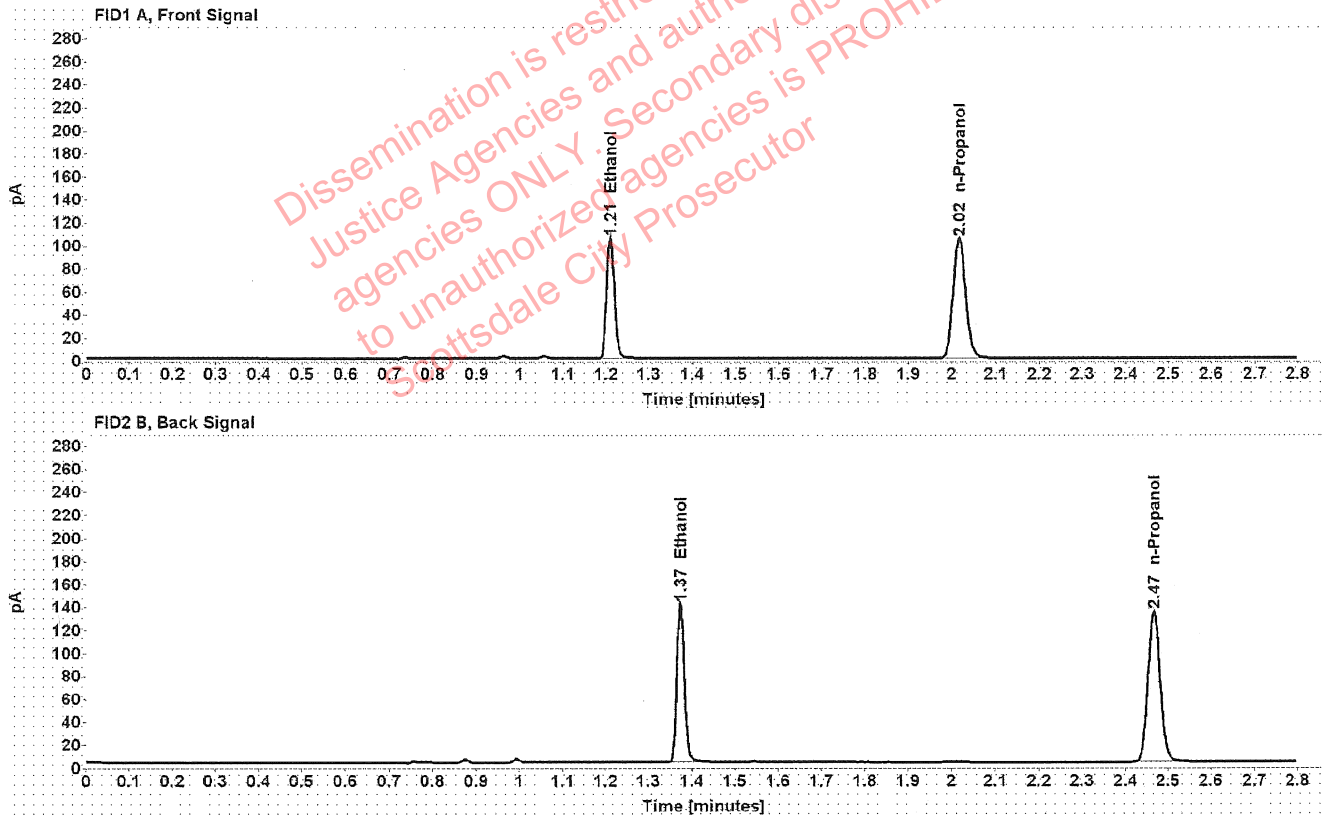


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1994	1.210	132.423
n-Propanol	-----	2.016	207.386

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

Compound	Time (min)	Peak Area
Ethanol	1.374	168.327
n-Propanol	2.467	263.929

[REDACTED]: Brooke, Phillip - (15-Mar-2022)

Case: [REDACTED] User: pbrooke 3/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1412359	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:12:55 PM
Data file:	C:\Chem32\1\Data\15Mar22\32.D	Analyst:	Brooke

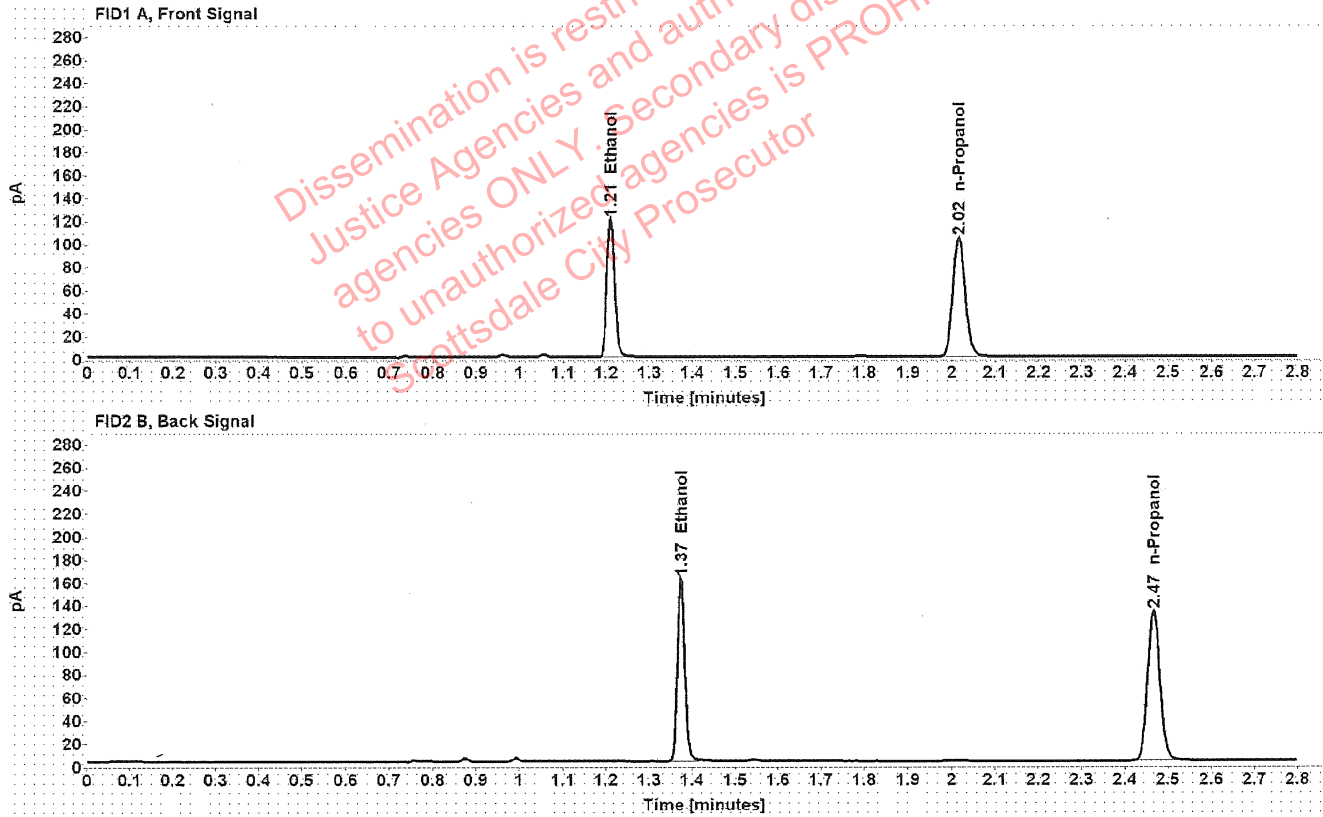


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2307	1.210	152.388
n-Propanol	-----	2.016	205.655

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

Compound	Time (min)	Peak Area
Ethanol	1.374	195.531
n-Propanol	2.467	261.035

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1412359	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:16:56 PM
Data file:	C:\Chem32\1\Data\15Mar22\33.D	Analyst:	Brooke

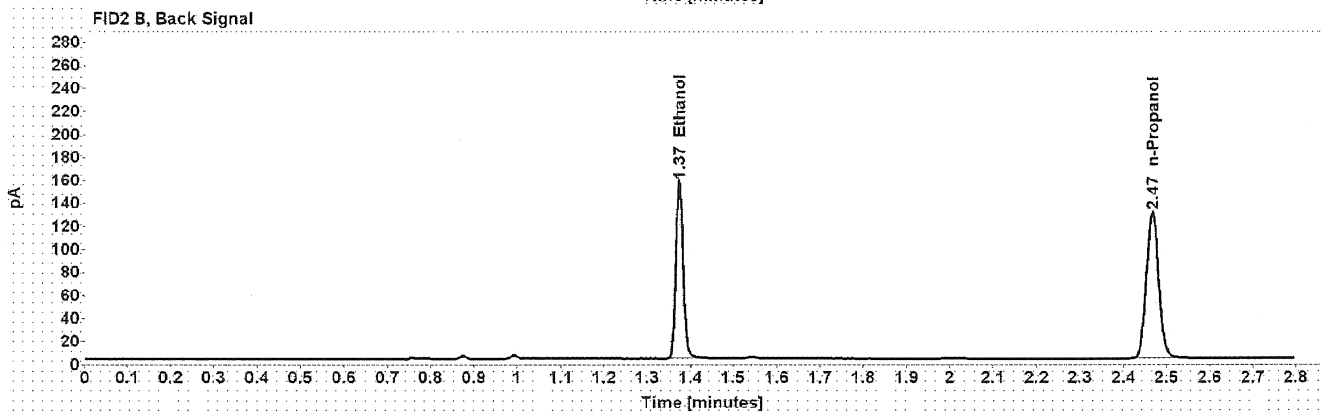
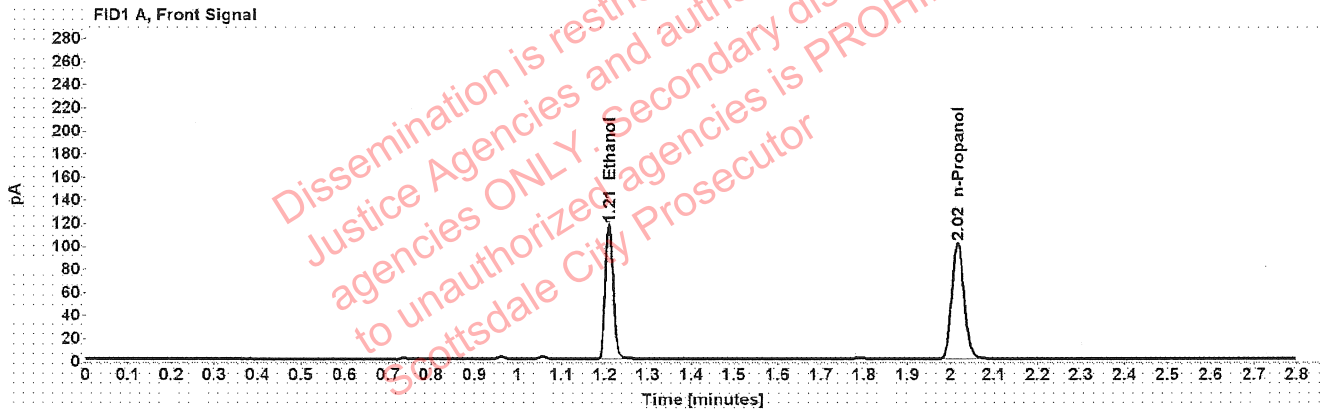


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2287	1.210	147.445
n-Propanol	-----	2.016	200.729

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

Compound	Time (min)	Peak Area
Ethanol	1.374	187.706
n-Propanol	2.467	254.732

[REDACTED]: Brooke, Phillip - (15-Mar-2022)

Case: [REDACTED] User: pbrooke 3/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1412643	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:20:55 PM
Data file:	C:\Chem32\1\Data\15Mar22\34.D	Analyst:	Brooke

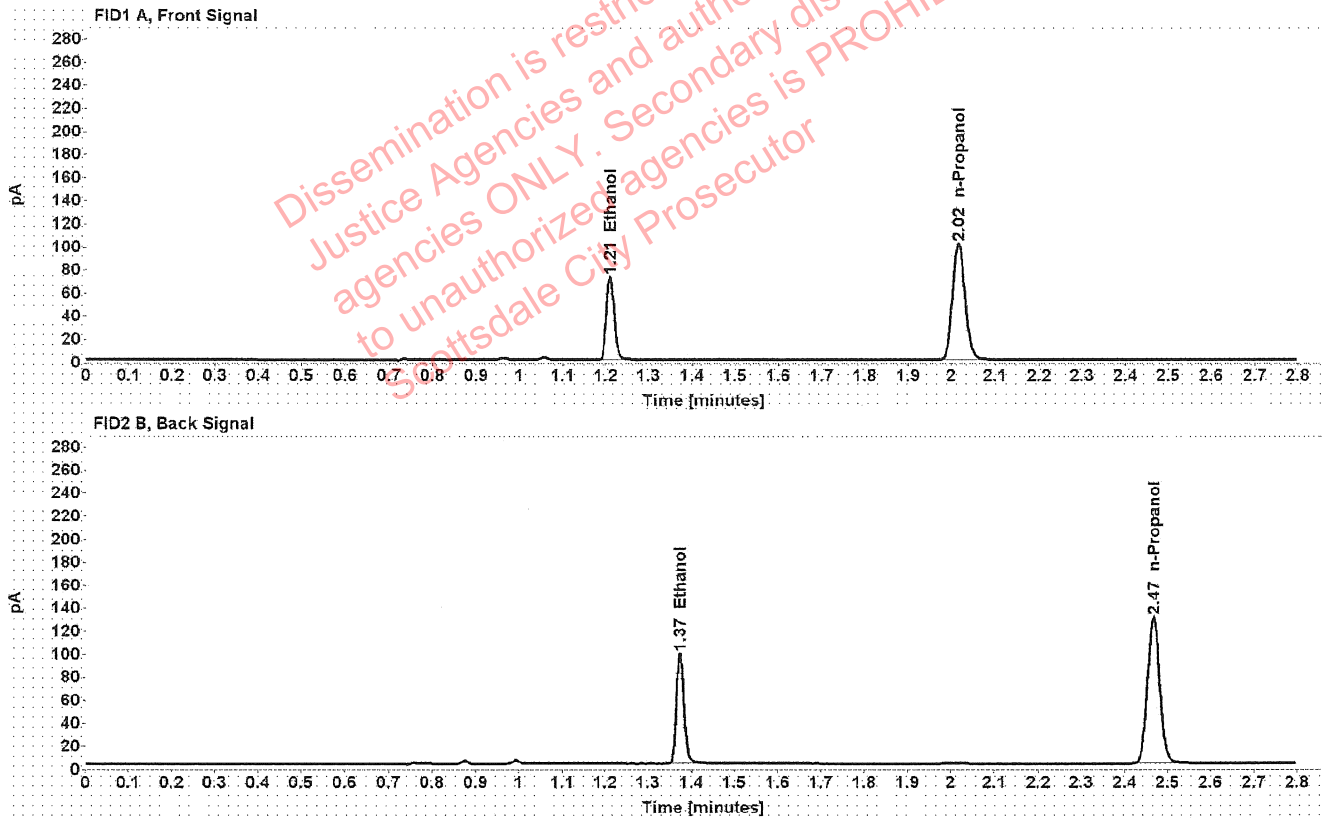


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1443	1.210	92.020
n-Propanol	-----	2.016	200.695

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

Compound	Time (min)	Peak Area
Ethanol	1.374	116.670
n-Propanol	2.467	255.329



[REDACTED]: Brooke, Phillip - (15-Mar-2022)

Case: [REDACTED] User: pbrooke 3/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1412643	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:24:55 PM
Data file:	C:\Chem32\1\Data\15Mar22\35.D	Analyst:	Brooke

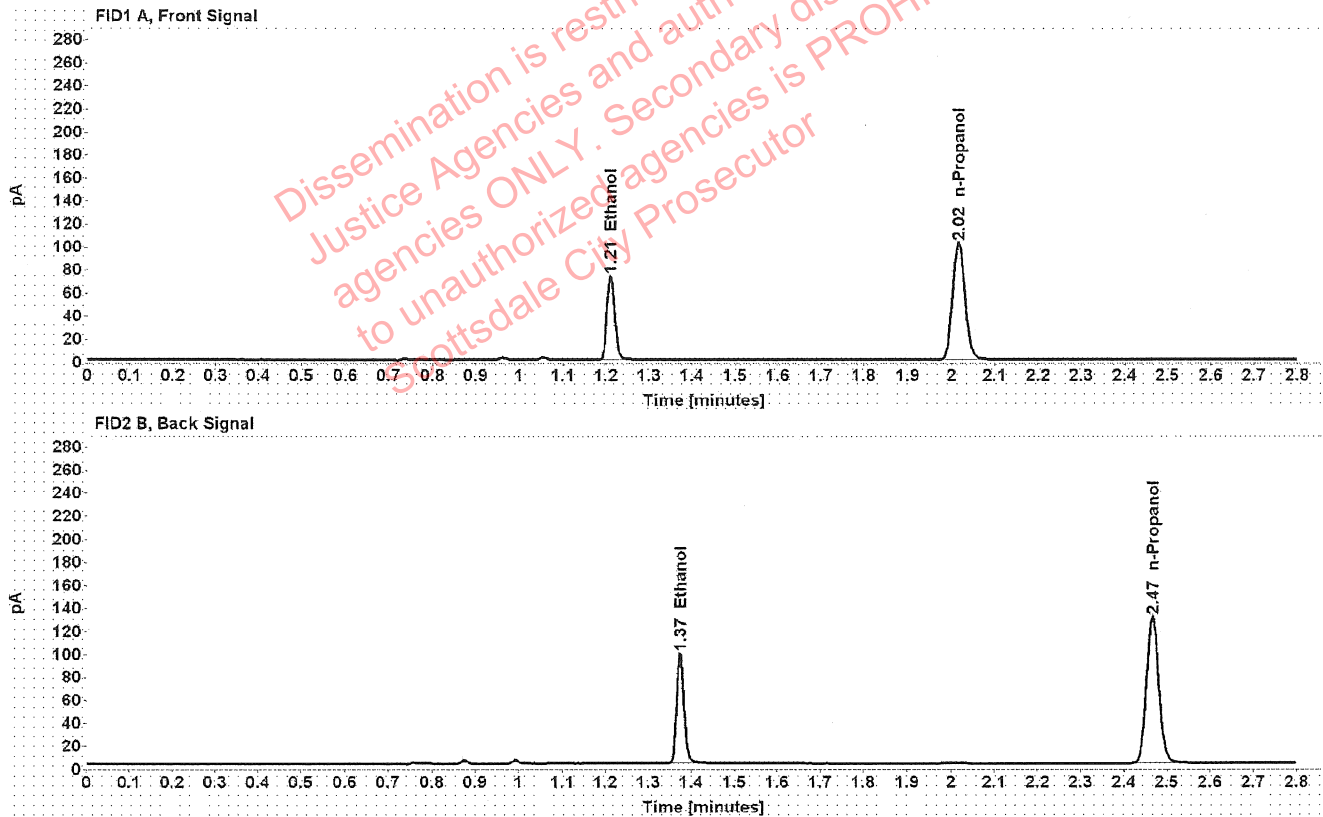


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1443	1.210	92.351
n-Propanol	-----	2.016	201.340

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

Compound	Time (min)	Peak Area
Ethanol	1.374	117.170
n-Propanol	2.467	256.408

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411965	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:28:55 PM
Data file:	C:\Chem32\1\Data\15Mar22\36.D	Analyst:	Brooke

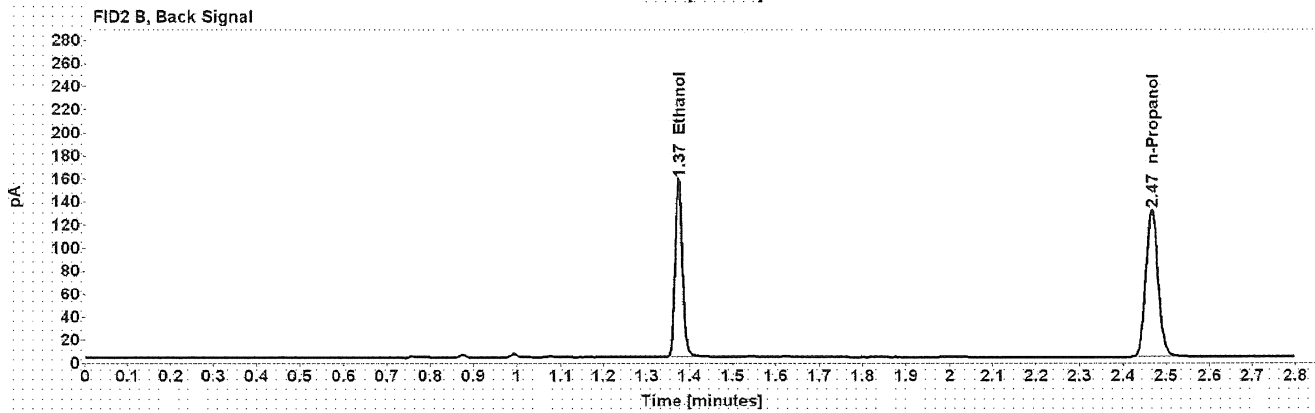
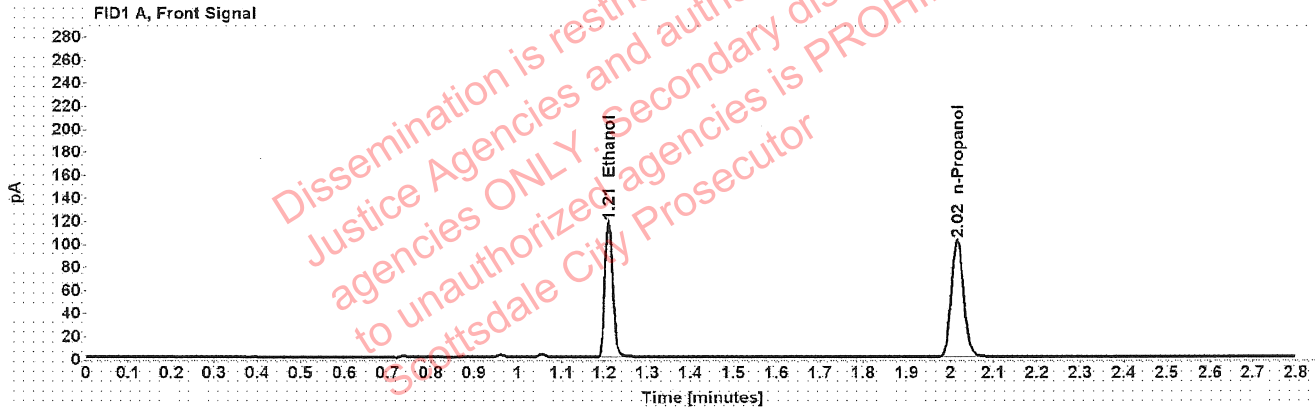


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2284	1.210	148.071
n-Propanol	-----	2.016	201.870

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

Compound	Time (min)	Peak Area
Ethanol	1.374	188.346
n-Propanol	2.467	256.938

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411965	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:33:10 PM
Data file:	C:\Chem32\1\Data\15Mar22\37.D	Analyst:	Brooke

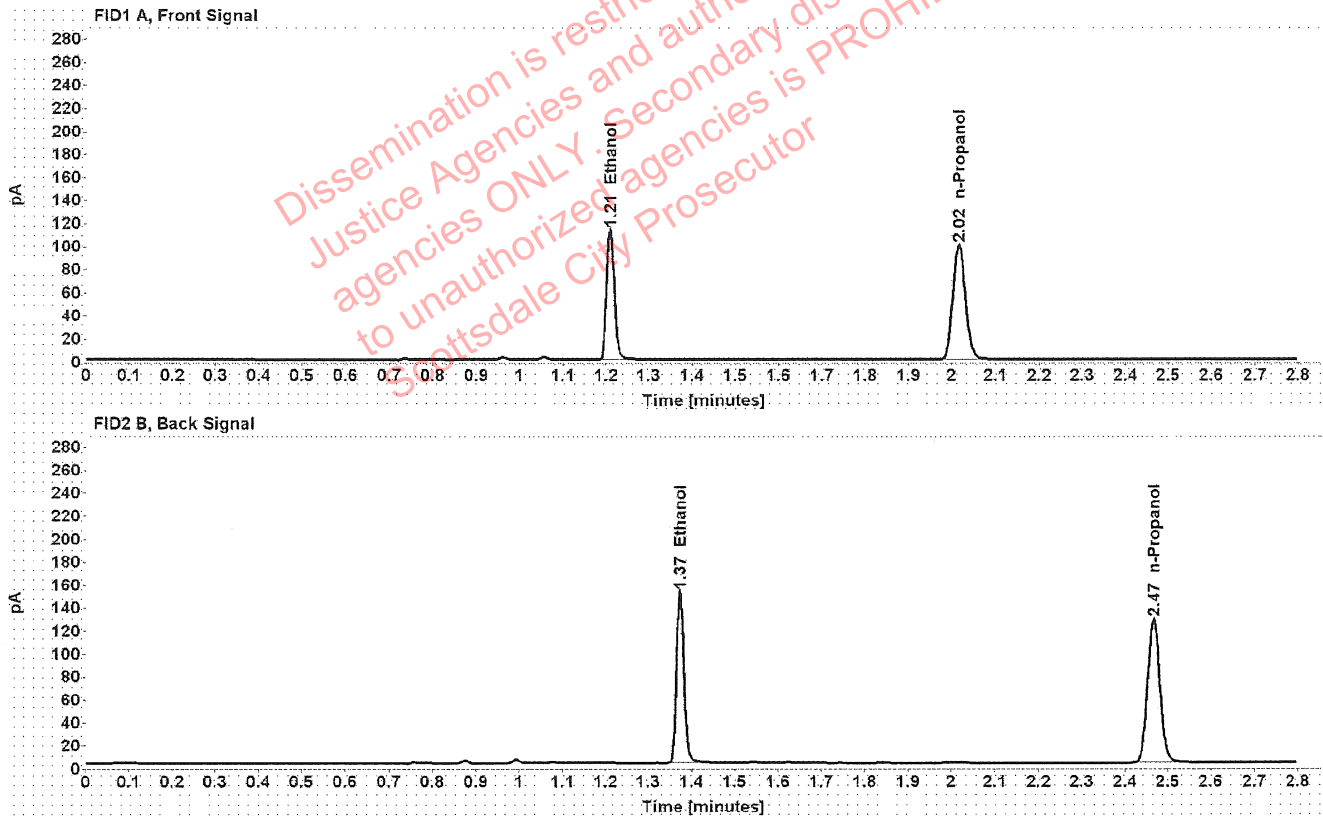


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2262	1.210	142.990
n-Propanol	-----	2.016	196.878

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

Compound	Time (min)	Peak Area
Ethanol	1.374	181.788
n-Propanol	2.467	250.605

[REDACTED]: Brooke, Phillip - (15-Mar-2022)

Case: [REDACTED] User: pbrooke 3/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411951	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:37:10 PM
Data file:	C:\Chem32\1\Data\15Mar22\38.D	Analyst:	Brooke

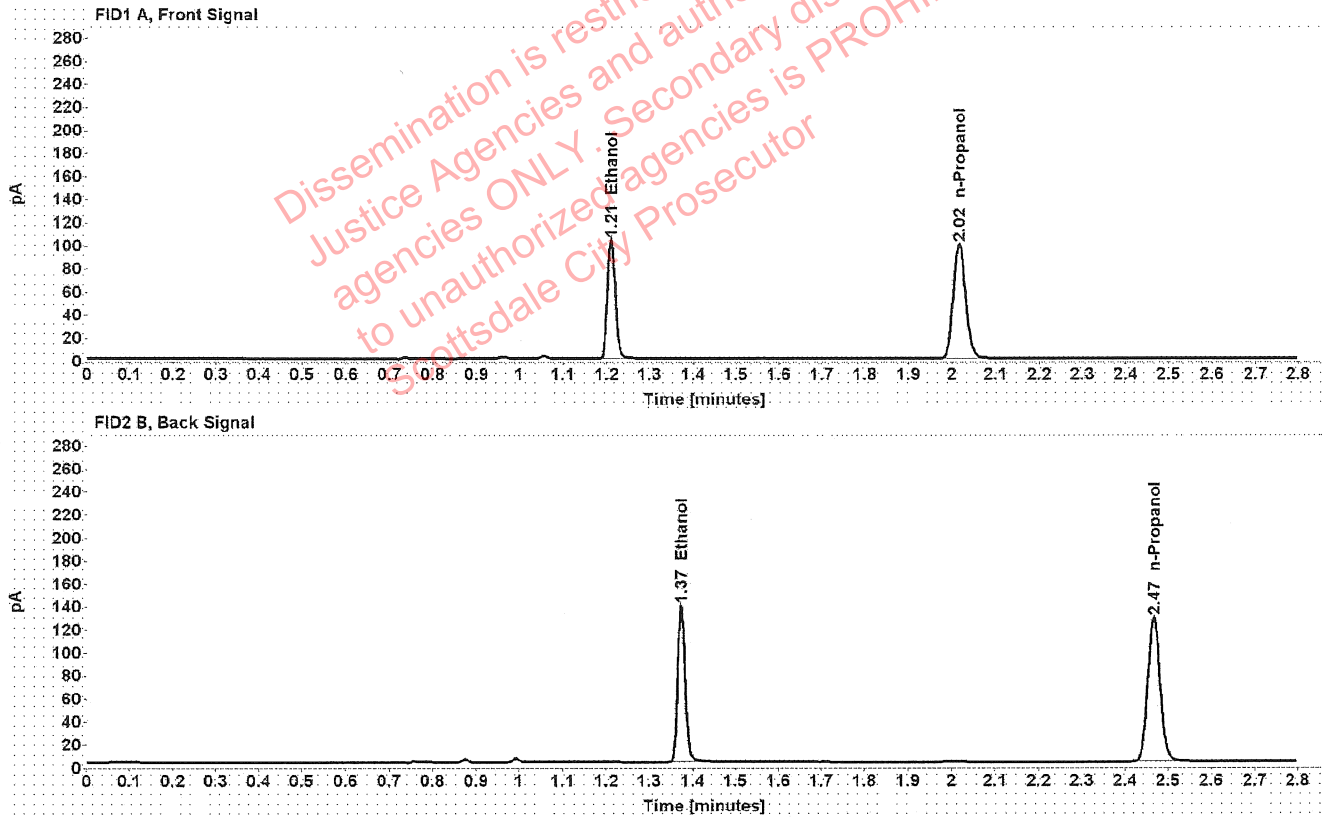


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2060	1.210	130.704
n-Propanol	-----	2.016	197.934

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

Compound	Time (min)	Peak Area
Ethanol	1.374	166.051
n-Propanol	2.467	251.590

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411951	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:41:10 PM
Data file:	C:\Chem32\1\Data\15Mar22\39.D	Analyst:	Brooke

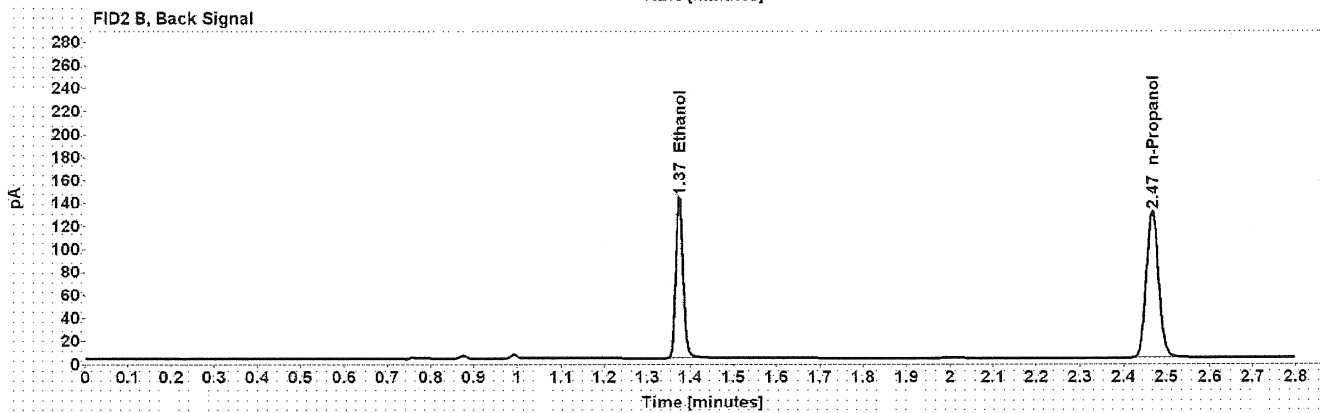
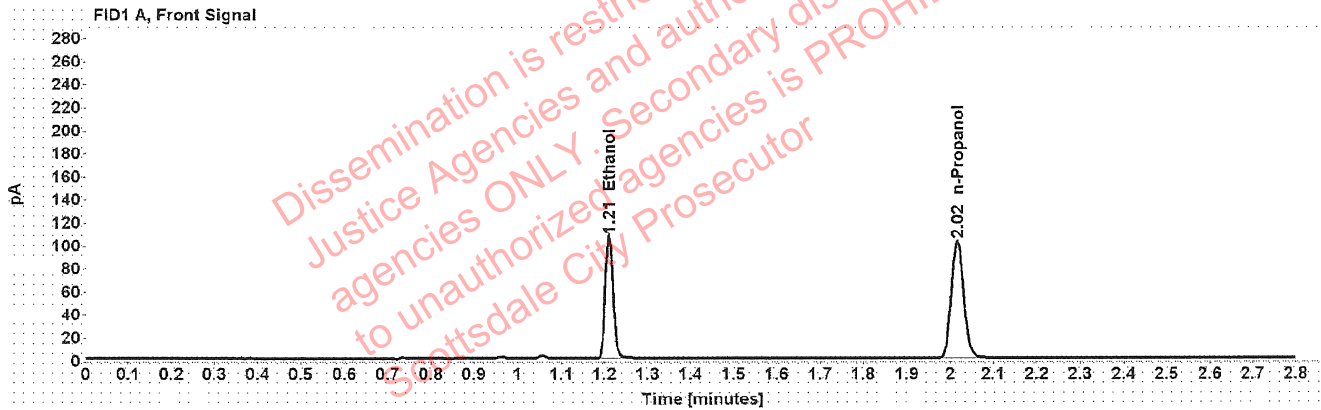


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2074	1.210	134.519
n-Propanol	-----	2.016	202.370

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

Compound	Time (min)	Peak Area
Ethanol	1.374	171.192
n-Propanol	2.467	257.440

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1412953	Vial:	40
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:45:11 PM
Data file:	C:\Chem32\1\Data\15Mar22\40.D	Analyst:	Brooke

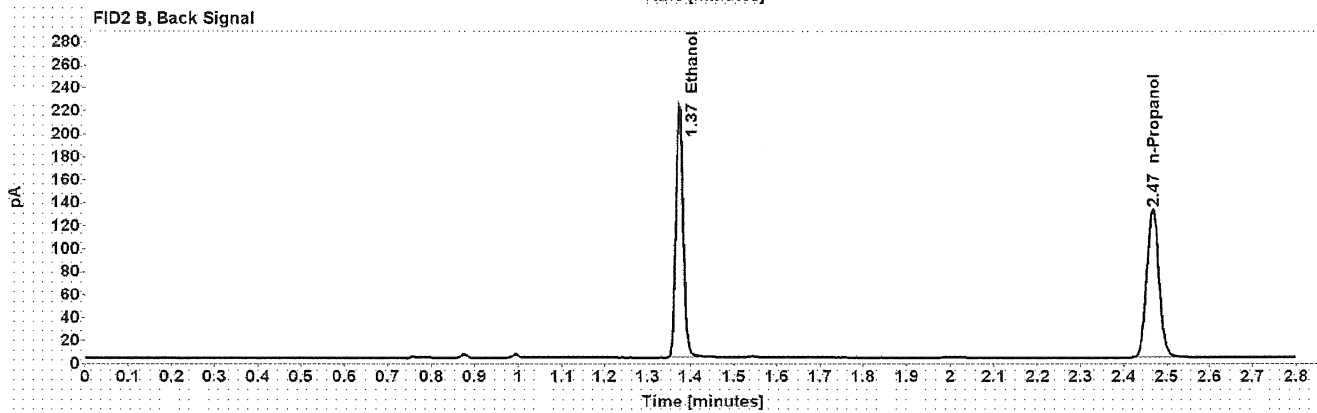
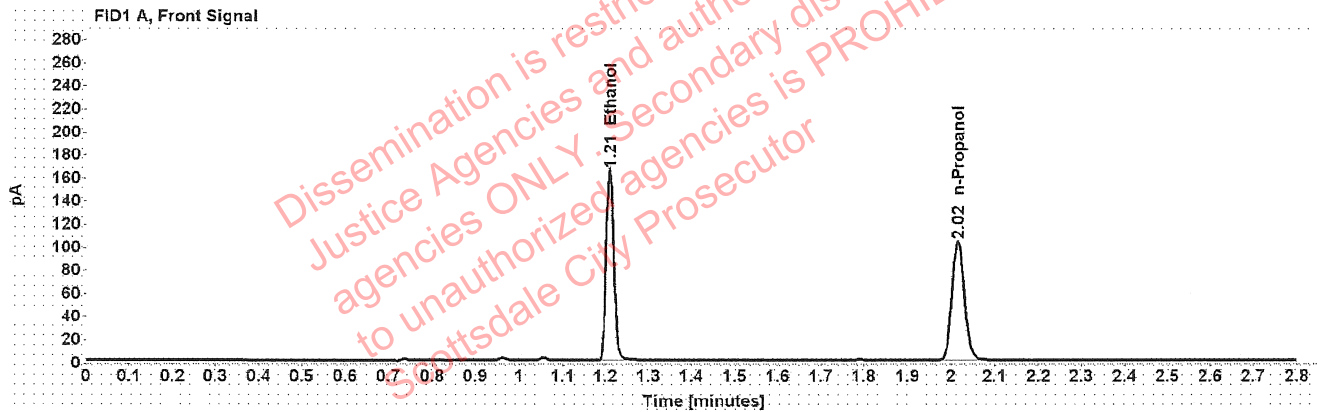


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3159	1.210	208.890
n-Propanol	-----	2.016	204.930

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

Compound	Time (min)	Peak Area
Ethanol	1.374	266.538
n-Propanol	2.467	260.327



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1412953	Vial: 41
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 15Mar22
Instrument: US14173023 CN14160045	Injection date: 3/15/2022 1:49:10 PM
Data file: C:\Chem32\1\Data\15Mar22\41.D	Analyst: Brooke

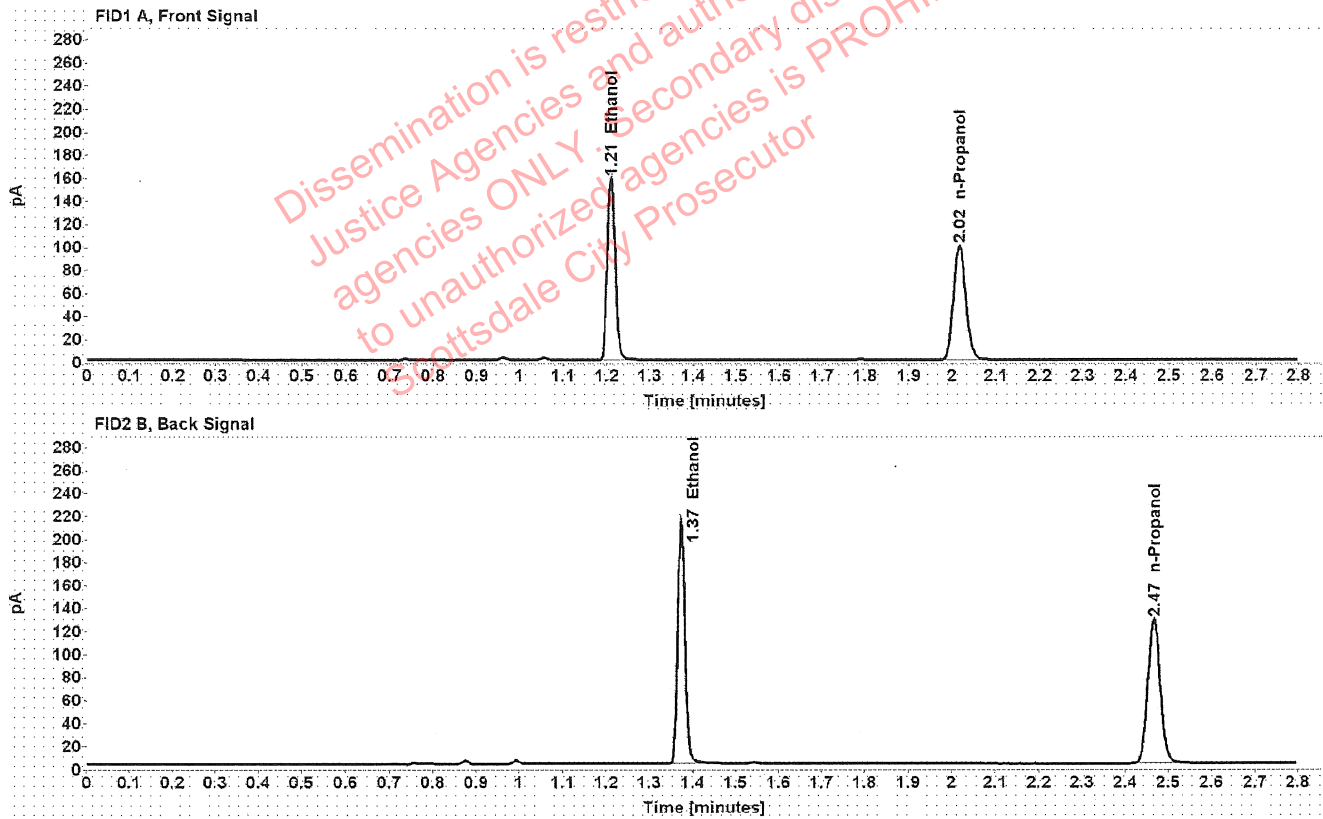


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3137	1.210	200.451
n-Propanol	-----	2.016	198.049

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

Compound	Time (min)	Peak Area
Ethanol	1.374	255.609
n-Propanol	2.467	251.640

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407037	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 1:57:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\43.D	Analyst:	Brooke

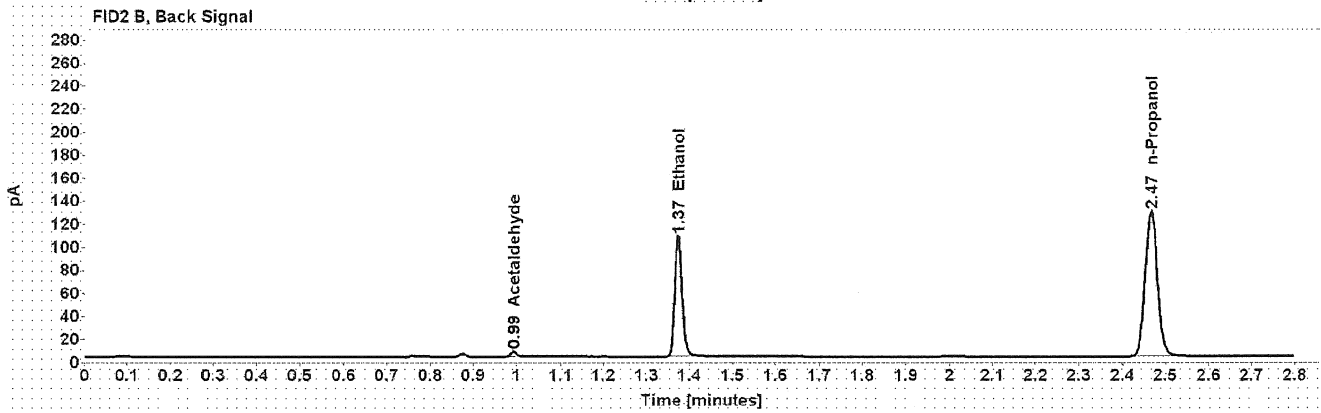
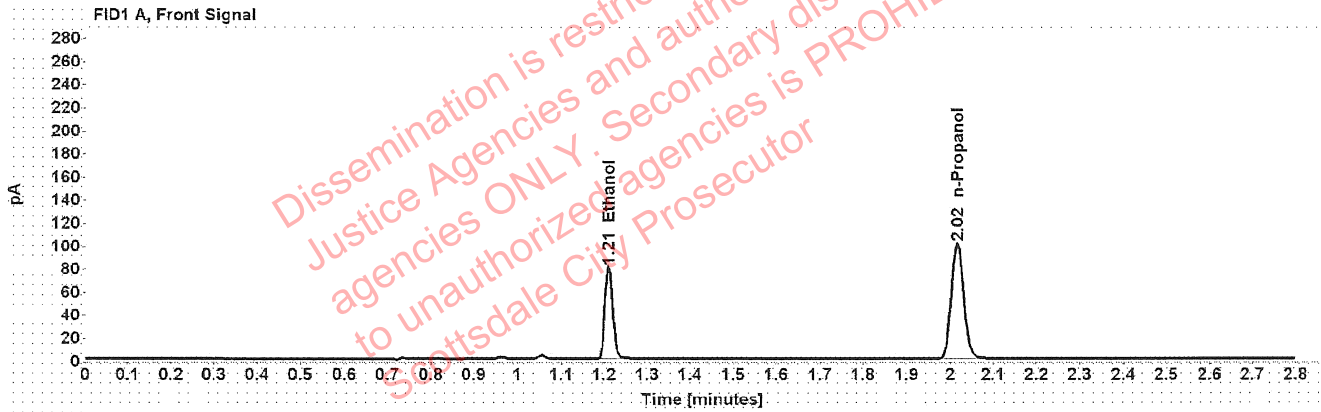


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1598	1.210	101.514
n-Propanol	-----	2.016	199.376

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.348
Ethanol	1.374	129.005
n-Propanol	2.467	253.546

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407037	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:01:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\44.D	Analyst:	Brooke

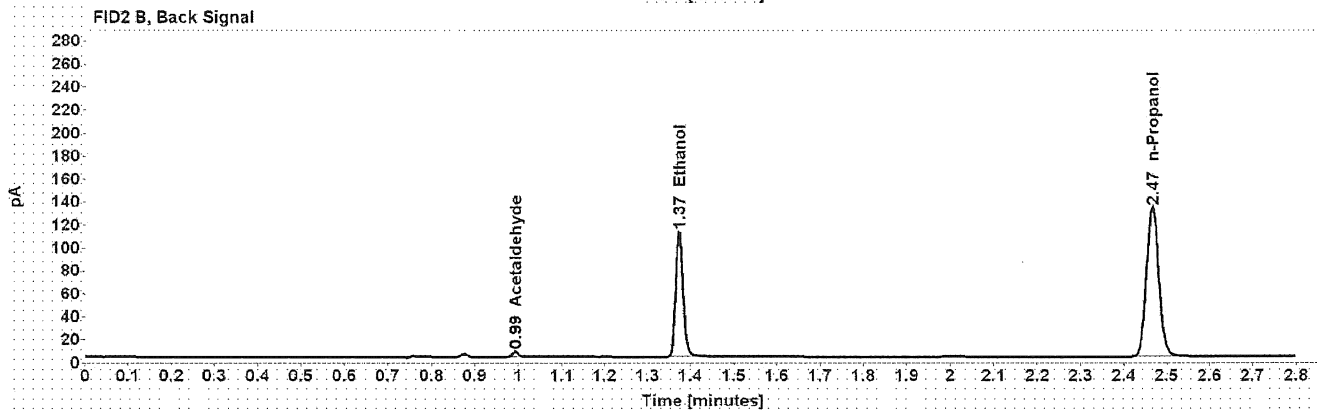
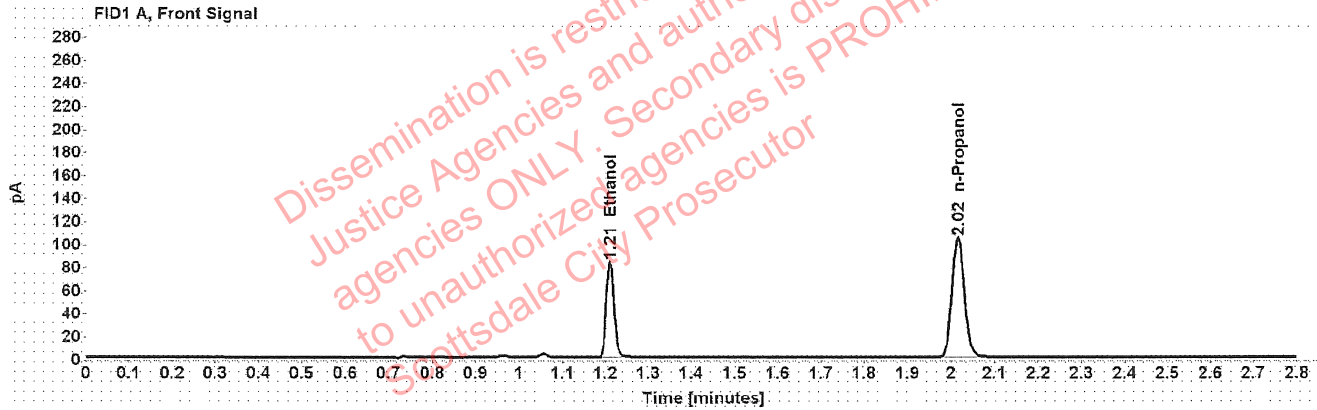


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1602	1.210	105.265
n-Propanol	-----	2.016	206.206

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.422
Ethanol	1.374	133.716
n-Propanol	2.467	262.408

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411938	Vial:	45
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:05:26 PM
Data file:	C:\Chem32\1\Data\15Mar22\45.D	Analyst:	Brooke

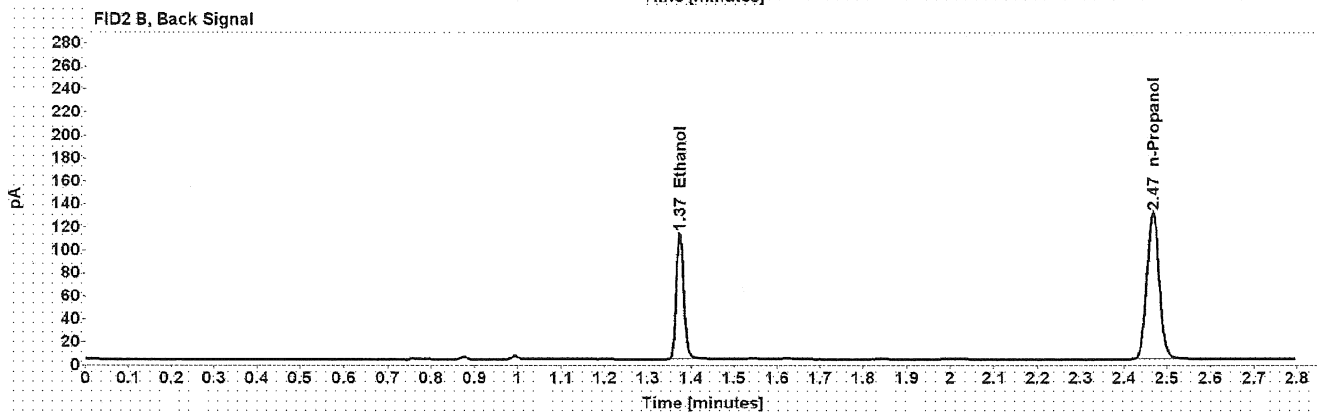
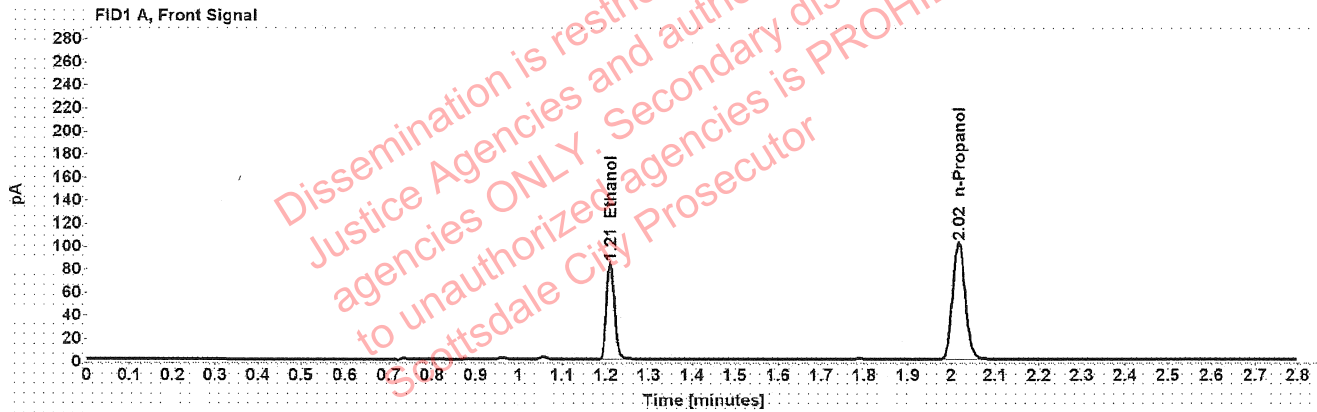


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1645	1.210	105.818
n-Propanol	-----	2.016	201.698

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

Compound	Time (min)	Peak Area
Ethanol	1.374	134.395
n-Propanol	2.467	256.845

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1411938	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:09:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\46.D	Analyst:	Brooke

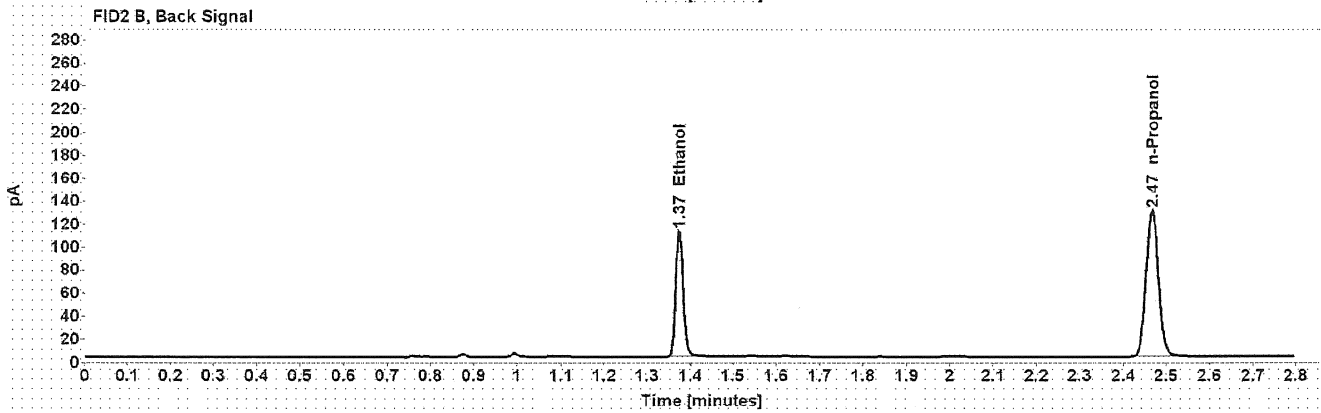
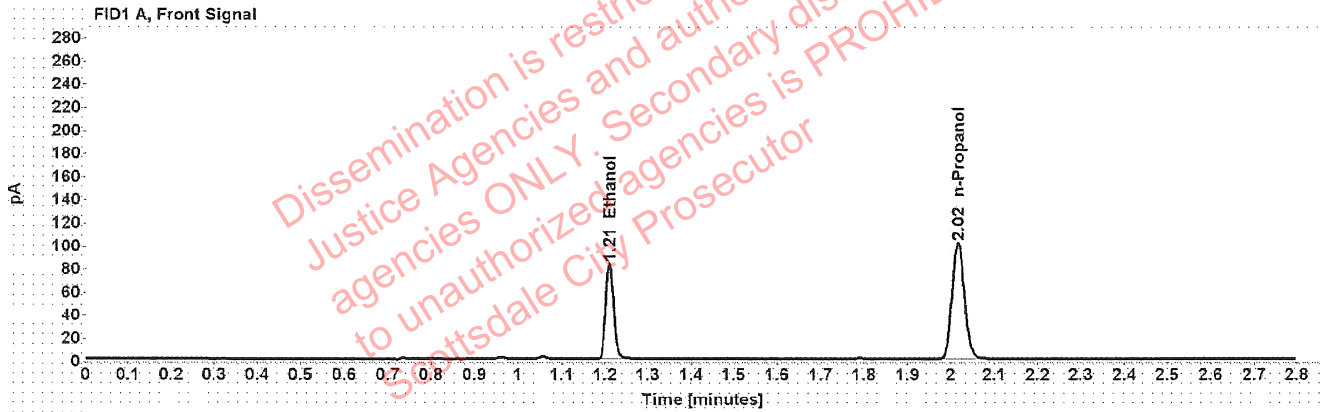


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1645	1.210	105.238
n-Propanol	-----	2.016	200.557

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

Compound	Time (min)	Peak Area
Ethanol	1.374	133.772
n-Propanol	2.467	255.412

[REDACTED]: Brooke, Phillip - (15-Mar-2022)

Case: [REDACTED] User: pbrooke 3/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1413210	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:13:25 PM
Data file:	C:\Chem32\1\Data\15Mar22\47.D	Analyst:	Brooke

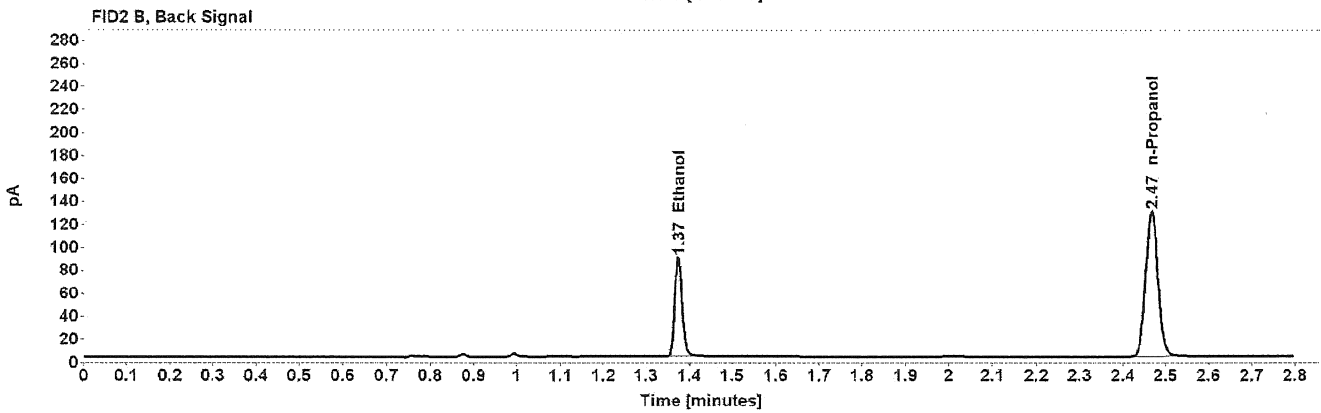
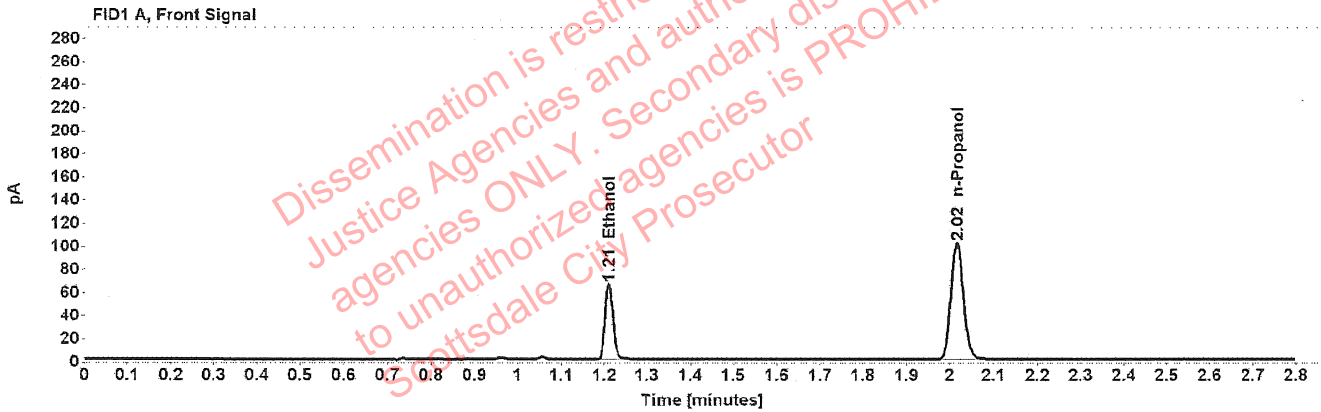


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1310	1.210	83.232
n-Propanol	-----	2.016	200.560

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.607
n-Propanol	2.467	254.910

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1413210	Vial:	48
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:17:26 PM
Data file:	C:\Chem32\1\Data\15Mar22\48.D	Analyst:	Brooke

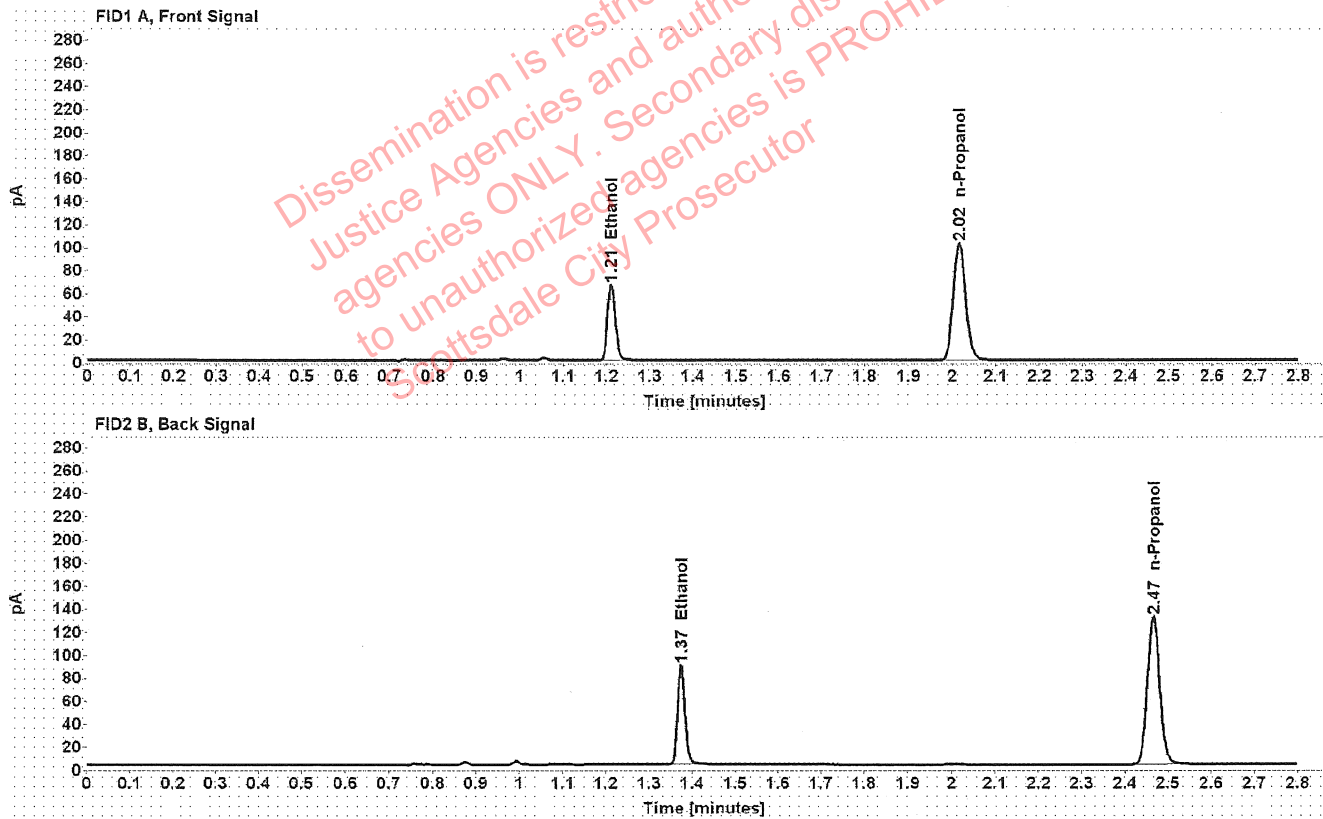


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1308	1.210	83.748
n-Propanol	-----	2.016	202.144

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.883
n-Propanol	2.466	256.977



## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398094	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:21:40 PM
Data file:	C:\Chem32\1\Data\15Mar22\49.D	Analyst:	Brooke

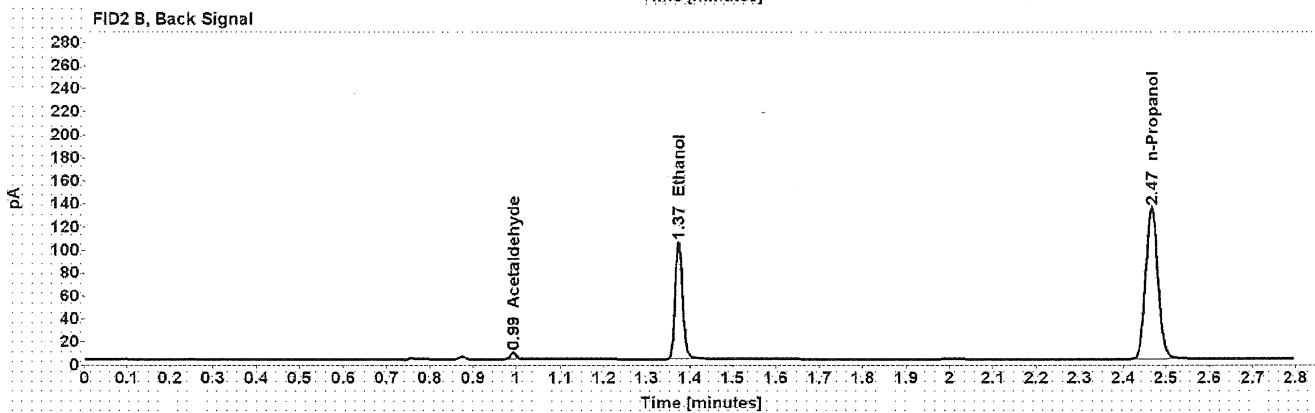
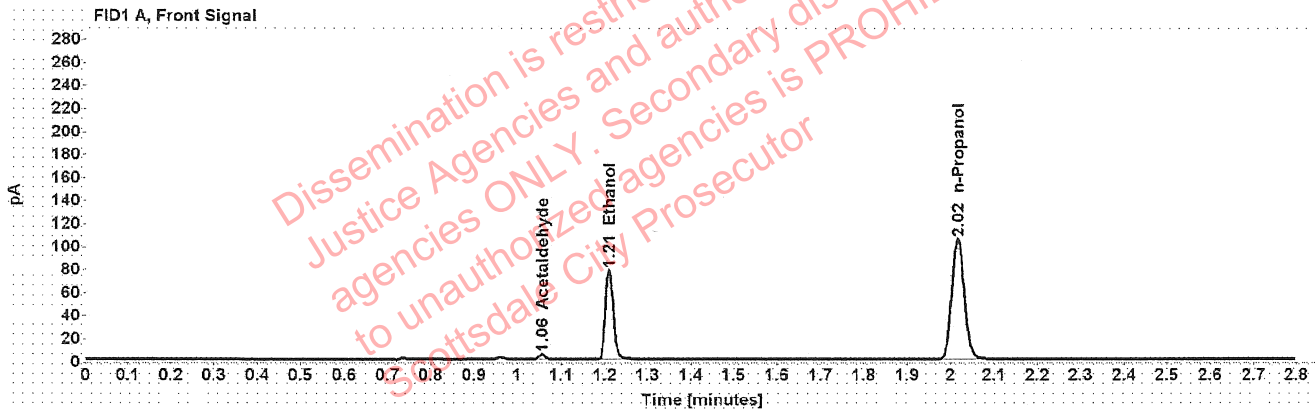


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.165
>Ethanol	0.1492	1.210	98.966
n-Propanol	-----	2.016	208.470

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.477
Ethanol	1.374	125.228
n-Propanol	2.467	265.326

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1398094	Vial:	50
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Mar22
Instrument:	US14173023 CN14160045	Injection date:	3/15/2022 2:25:40 PM
Data file:	C:\Chem32\1\Data\15Mar22\50.D	Analyst:	Brooke

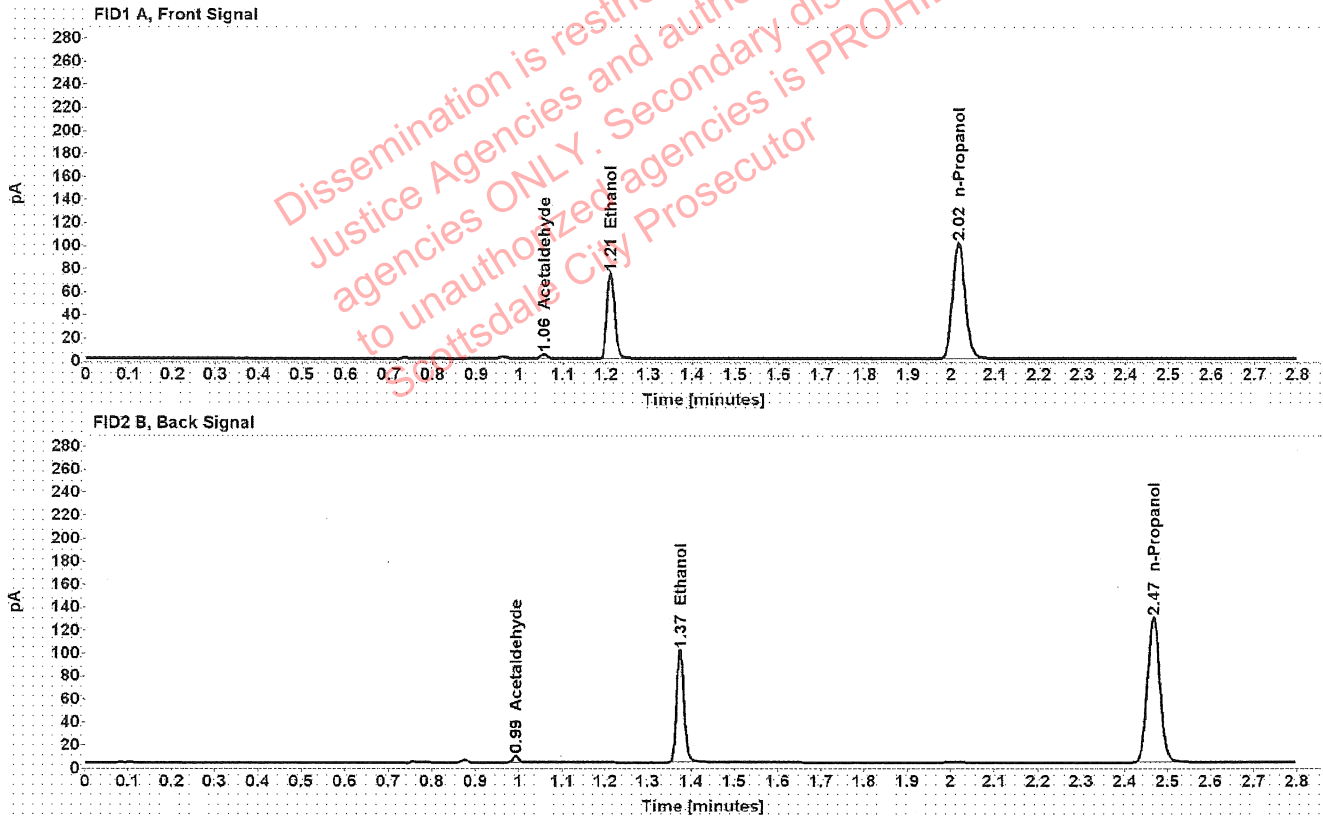


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	4.057
>Ethanol	0.1481	1.210	94.217
n-Propanol	-----	2.016	200.013

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.387
Ethanol	1.374	119.505
n-Propanol	2.467	254.357