

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/06/2020 SEQUENCE NAME 06May20

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN02271802 0.99989  
 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 040720
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819
7	Aqueous control	0.400 g/dL	0.398 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	0.199 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
31	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
45	Aqueous control	0.400 g/dL	0.395 g/dL	Lipomed 11092018-A
46	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
47	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
48	Blank	Not detected	Not detected	SPD lab 040919WB

### SUBJECT SAMPLES

Subjects in the sequence 12 Subjects requiring reanalysis 0

**ADDITIONAL NOTES:** All testing proceeded as expected. The run also included four proficiency samples.

Run valid  Run invalid  Erika Canonic Analyst  
 Run valid  Run invalid  Phyllis Brook Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

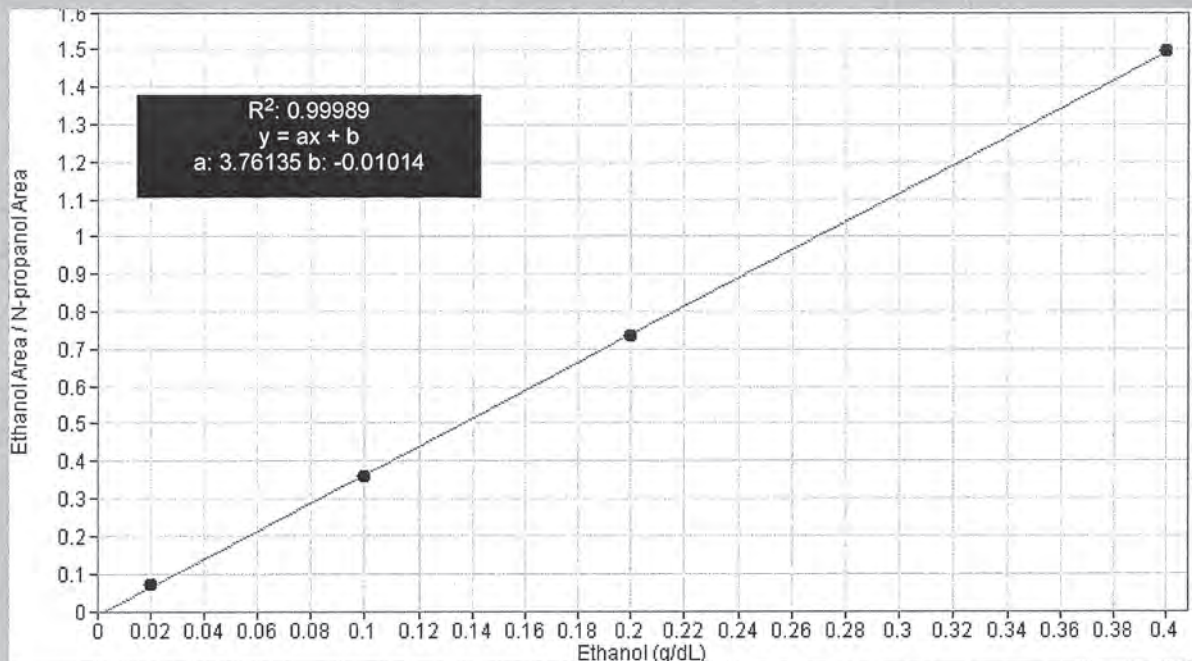
SEQUENCE NAME: 06May20

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 040720	5	negative	negative		-
0.400 11092018-A	7	0.398	0.400	0.50	-0.002
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.198 407041529/13	9	0.199	0.198	0.51	0.001
0.080 03102016-A/1	20	0.080	0.080	0.00	0.000
0.198 407041529/13	31	0.199	0.198	0.51	0.001
0.080 03102016-A/1	42	0.080	0.080	0.00	0.000
0.400 11092018-A	45	0.395	0.400	1.25	-0.005
0.040 14082019-B	46	0.042	0.040	5.00	0.002
0.198 407041529/13	47	0.199	0.198	0.51	0.001
blank 040919WB	48	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.107	168.307	0.072
0.100	59.868	165.327	0.362
0.200	124.632	169.579	0.735
0.400	258.846	172.722	1.499

### Calibration Line





# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 06May20
Method: ethanol quant.M	Injection date: 5/6/2020 10:04:29 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <span style="float: right;">el</span>
Data file: C:\Chem32\1\Data\06May20\1.D	

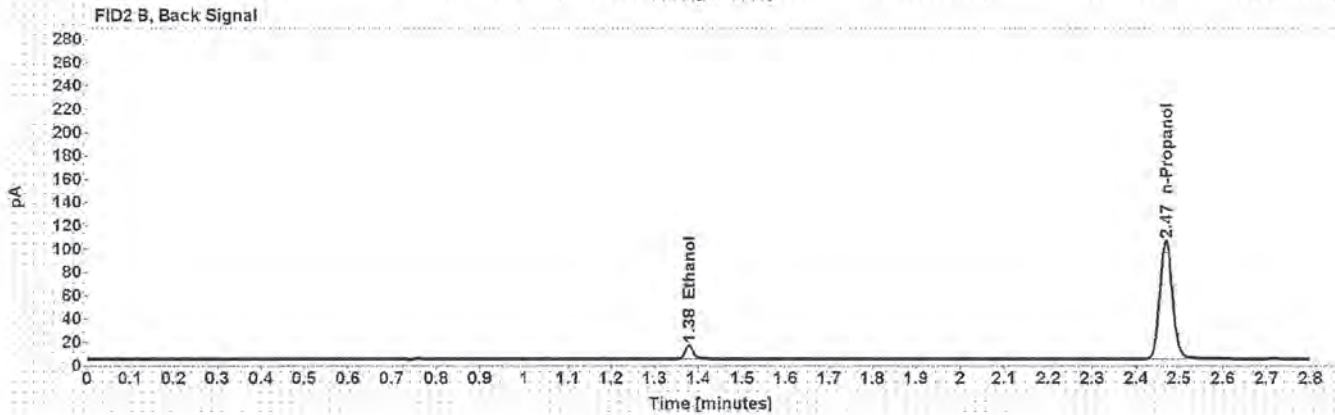
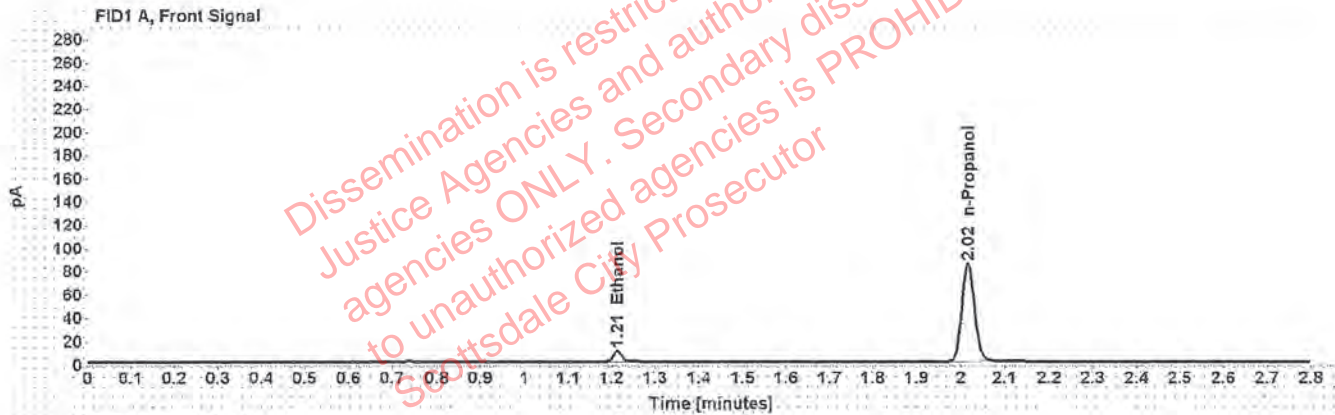


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	12.107
n-Propanol	2.017	168.307

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

Compound	Time (min)	Peak Area
Ethanol	1.378	14.850
n-Propanol	2.469	206.982

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 06May20
Method: ethanol quant.M	Injection date: 5/6/2020 10:08:29 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <span style="float: right;">EC</span>
Data file: C:\Chem32\1\Data\06May20\2.D	

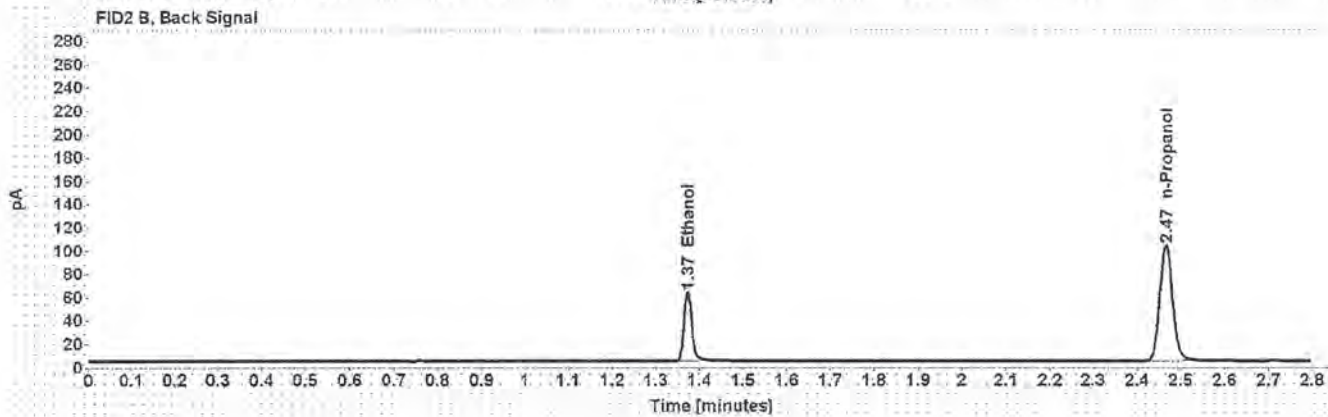
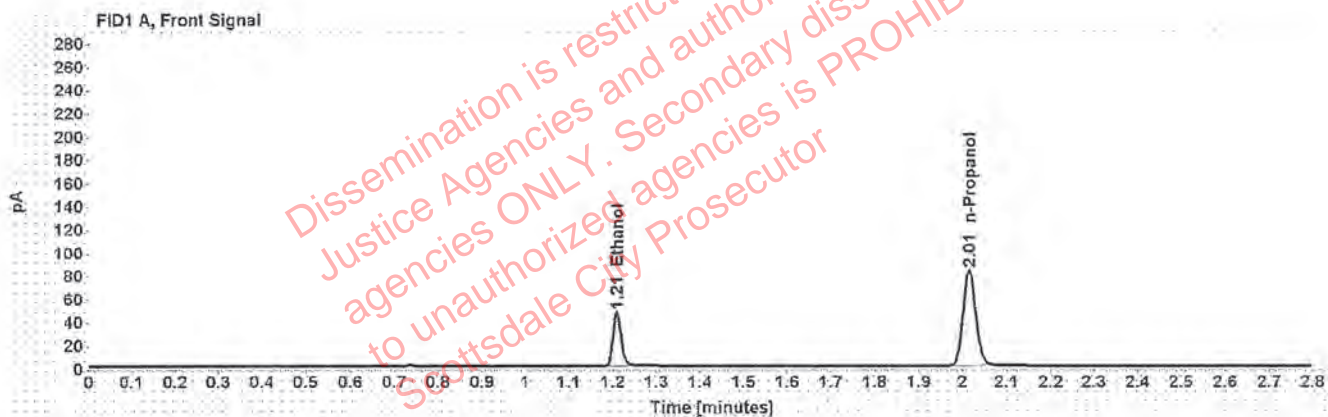


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.868
n-Propanol	2.015	165.327

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

Compound	Time (min)	Peak Area
Ethanol	1.373	73.719
n-Propanol	2.466	203.053

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06231704	Vial:	3
Description:	0.200 calibrator	Sequence:	06May20
Method:	ethanol quant.M	Injection date:	5/6/2020 10:12:29 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\06May20\3.D		

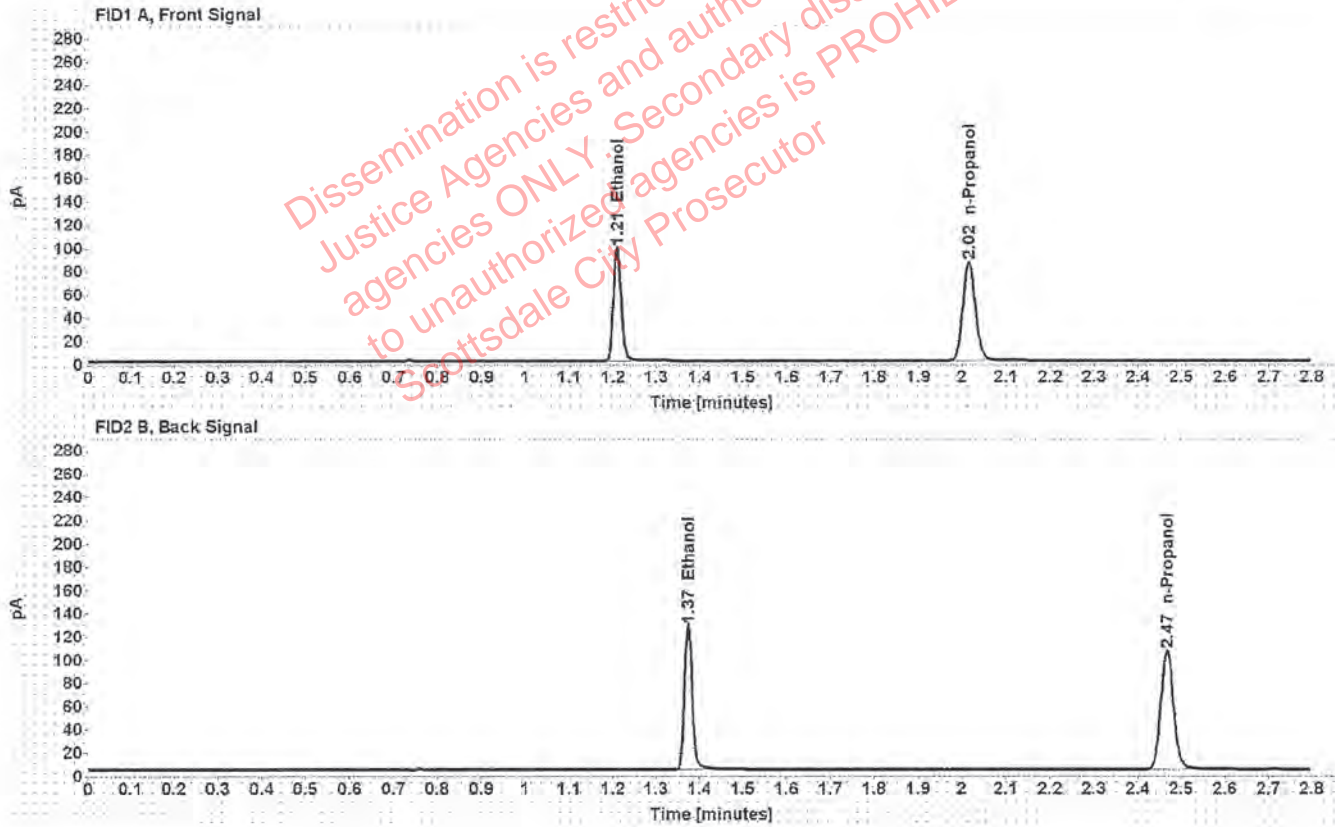


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	124.632
n-Propanol	2.015	169.579

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

Compound	Time (min)	Peak Area
Ethanol	1.374	154.138
n-Propanol	2.467	208.583



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 06May20
Method: ethanol quant.M	Injection date: 5/6/2020 10:16:29 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>EC</i>
Data file: C:\Chem32\1\Data\06May20\4.D	

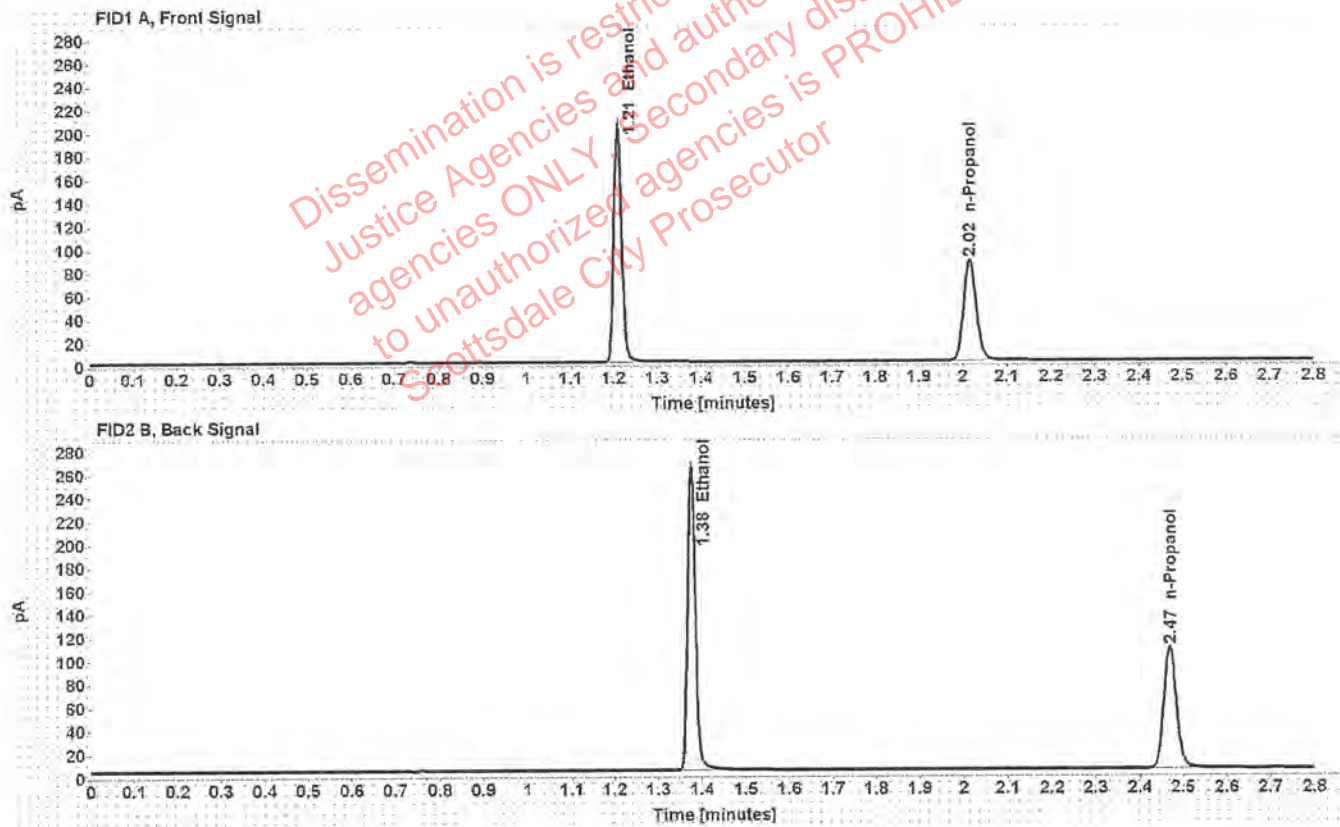


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	258.846
n-Propanol	2.016	172.722

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

Compound	Time (min)	Peak Area
Ethanol	1.376	322.103
n-Propanol	2.469	212.592

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040720	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:20:30 AM
Data file:	C:\Chem32\1\Data\06May20\5.D	Analyst:	Canonico <i>ee</i>

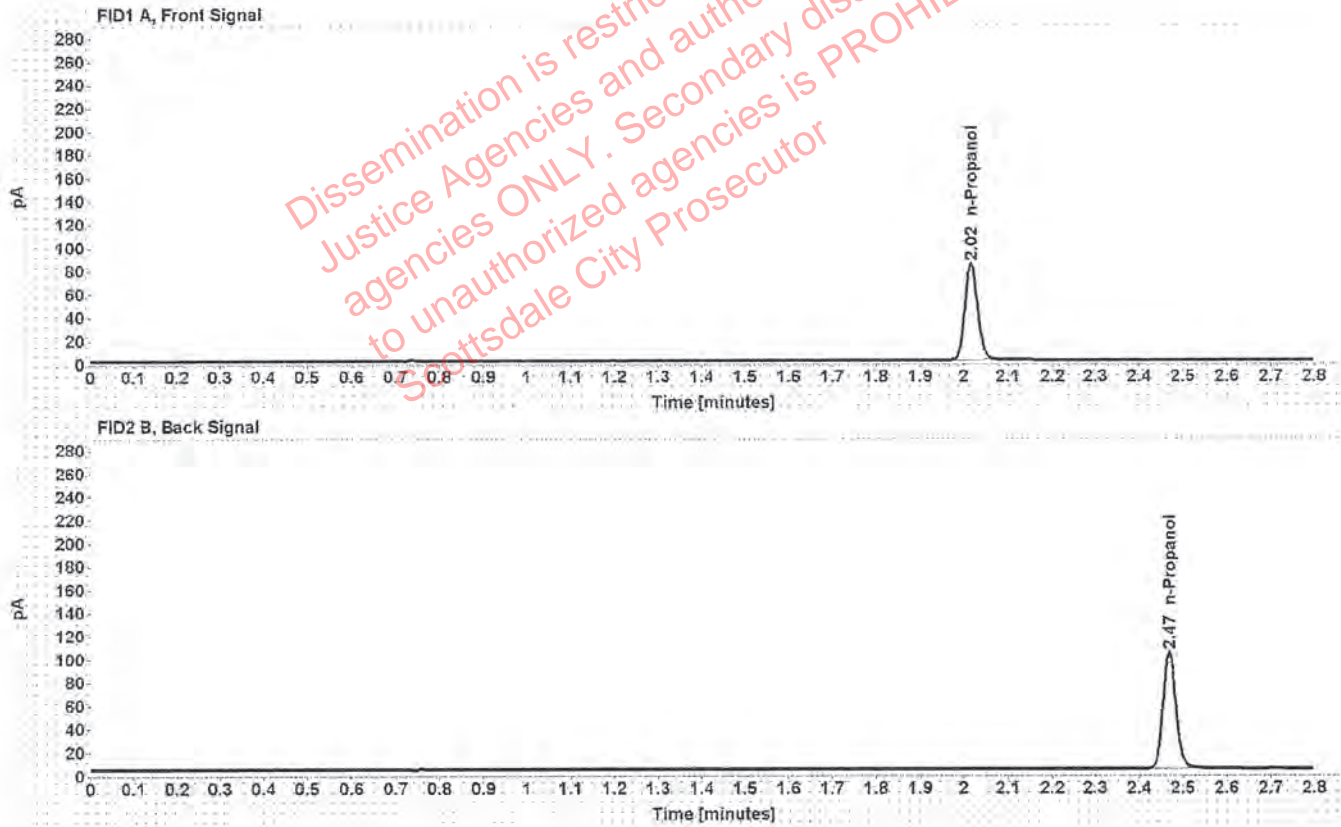


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	166.655

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	204.264

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:24:29 AM
Data file:	C:\Chem32\1\Data\06May20\6.D	Analyst:	Canonico <i>ec</i>

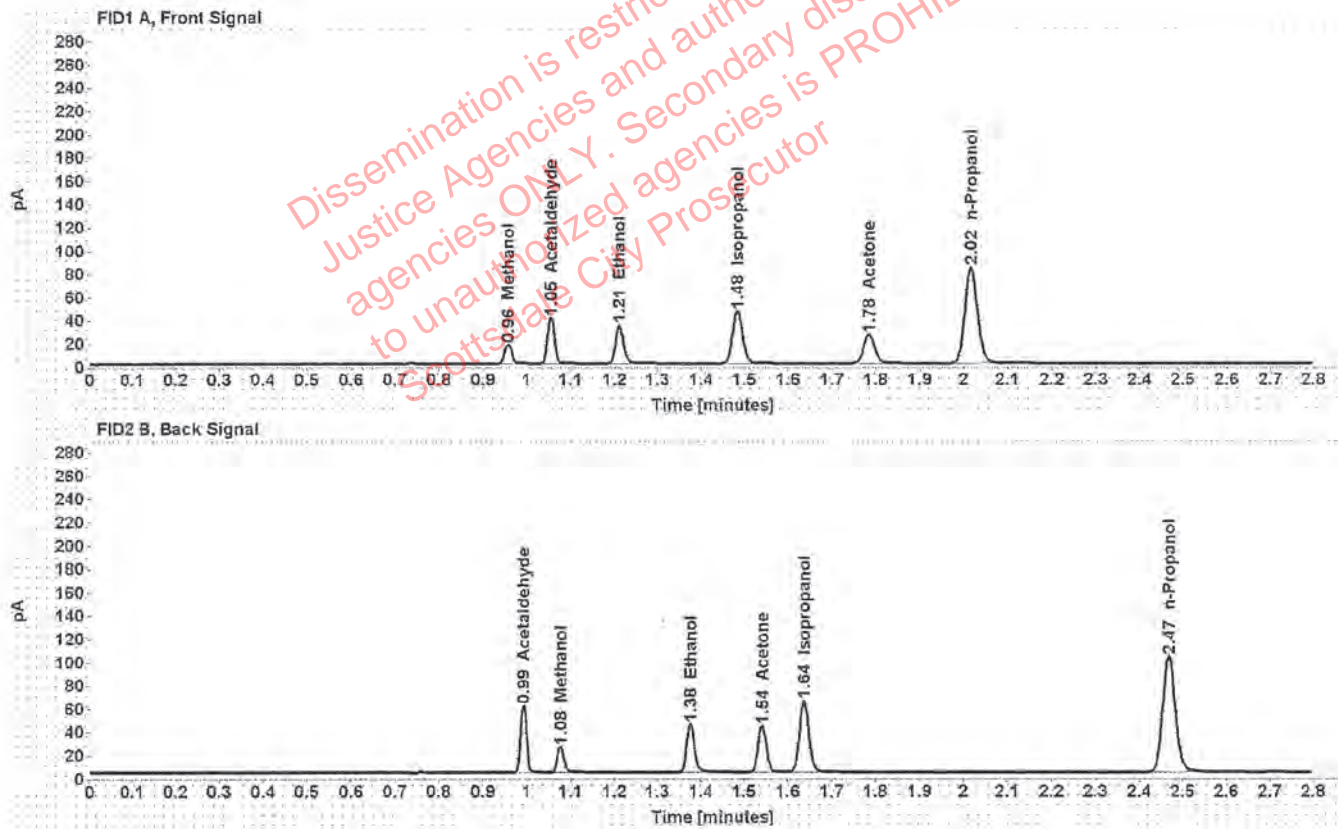


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	18.834
Acetaldehyde	-----	1.055	43.461
>Ethanol	0.0711	1.211	42.442
Isopropanol	-----	1.484	72.401
Acetone	-----	1.784	42.776
n-Propanol	-----	2.016	165.053

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	56.418
Methanol	1.077	23.947
Ethanol	1.376	52.155
Acetone	1.541	52.548
Isopropanol	1.637	92.918
n-Propanol	2.468	202.950



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:28:44 AM
Data file:	C:\Chem32\1\Data\06May20\7.D	Analyst:	Canonico <i>EC</i>

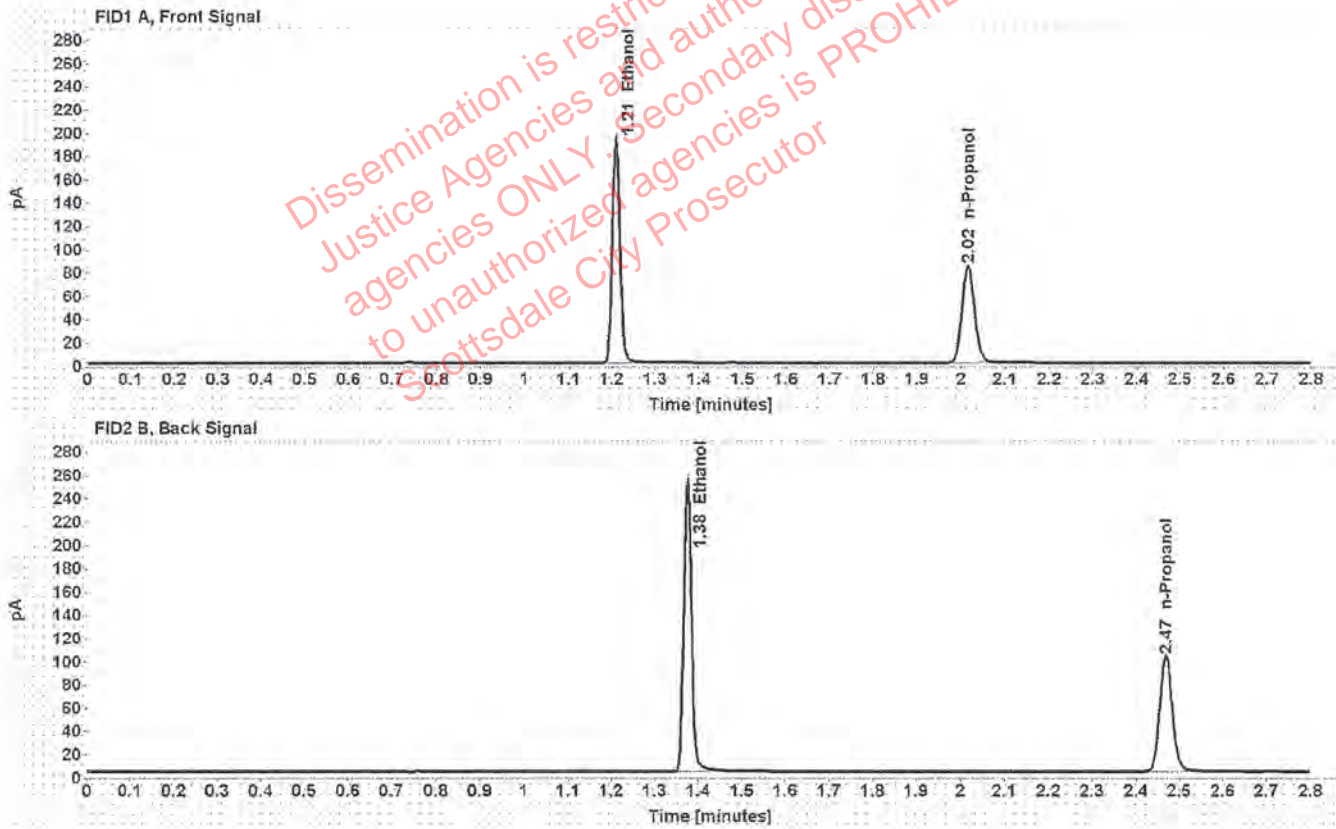


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3982	1.210	247.266
n-Propanol	-----	2.016	166.226

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

Compound	Time (min)	Peak Area
Ethanol	1.375	307.462
n-Propanol	2.469	204.200

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 06May20
Instrument: US14173023 CN14160045	Injection date: 5/6/2020 10:32:44 AM
Data file: C:\Chem32\1\Data\06May20\8.D	Analyst: Canonico <i>ec</i>

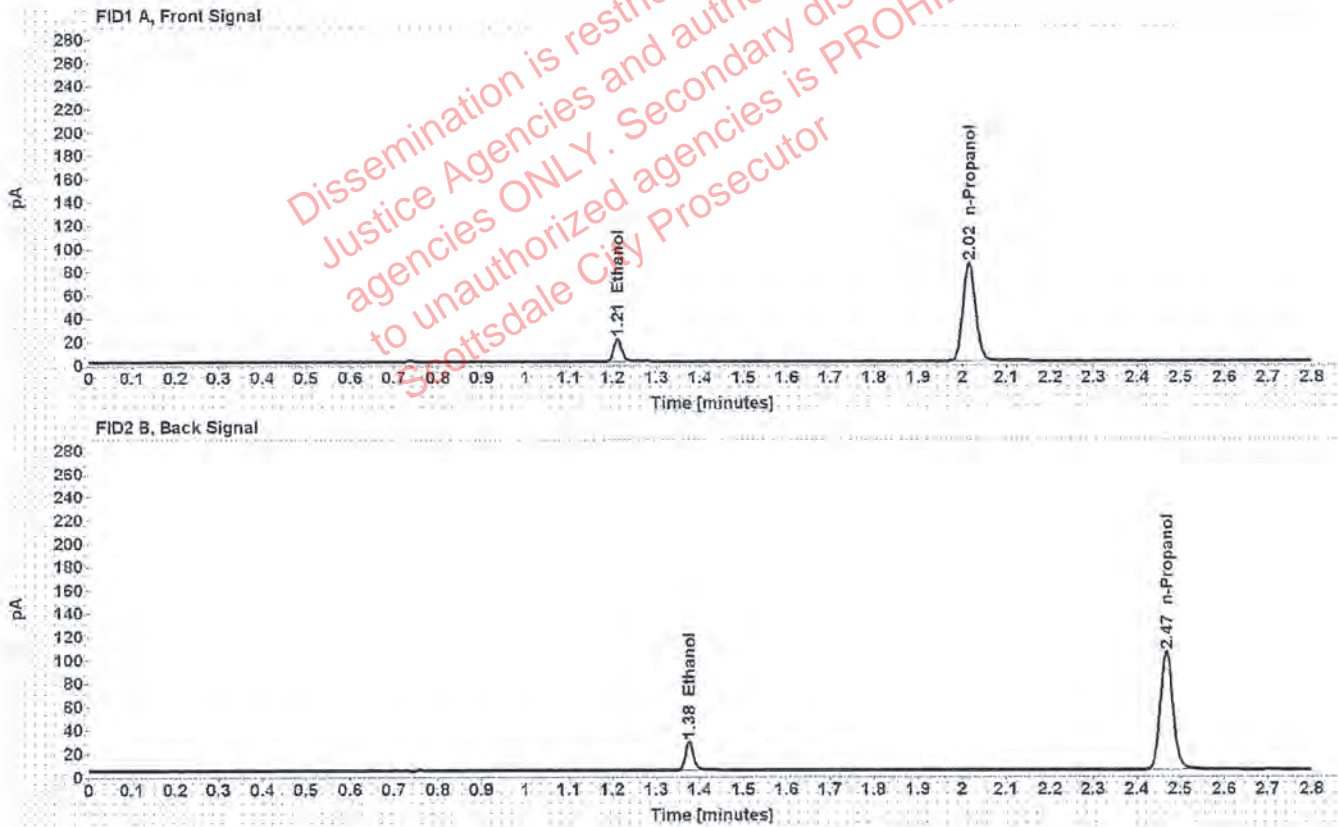


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0418	1.211	24.793
n-Propanol	-----	2.016	168.418

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.454
n-Propanol	2.468	206.353

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	9
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:36:44 AM
Data file:	C:\Chem32\1\Data\06May20\9.D	Analyst:	Canonico <i>EC</i>

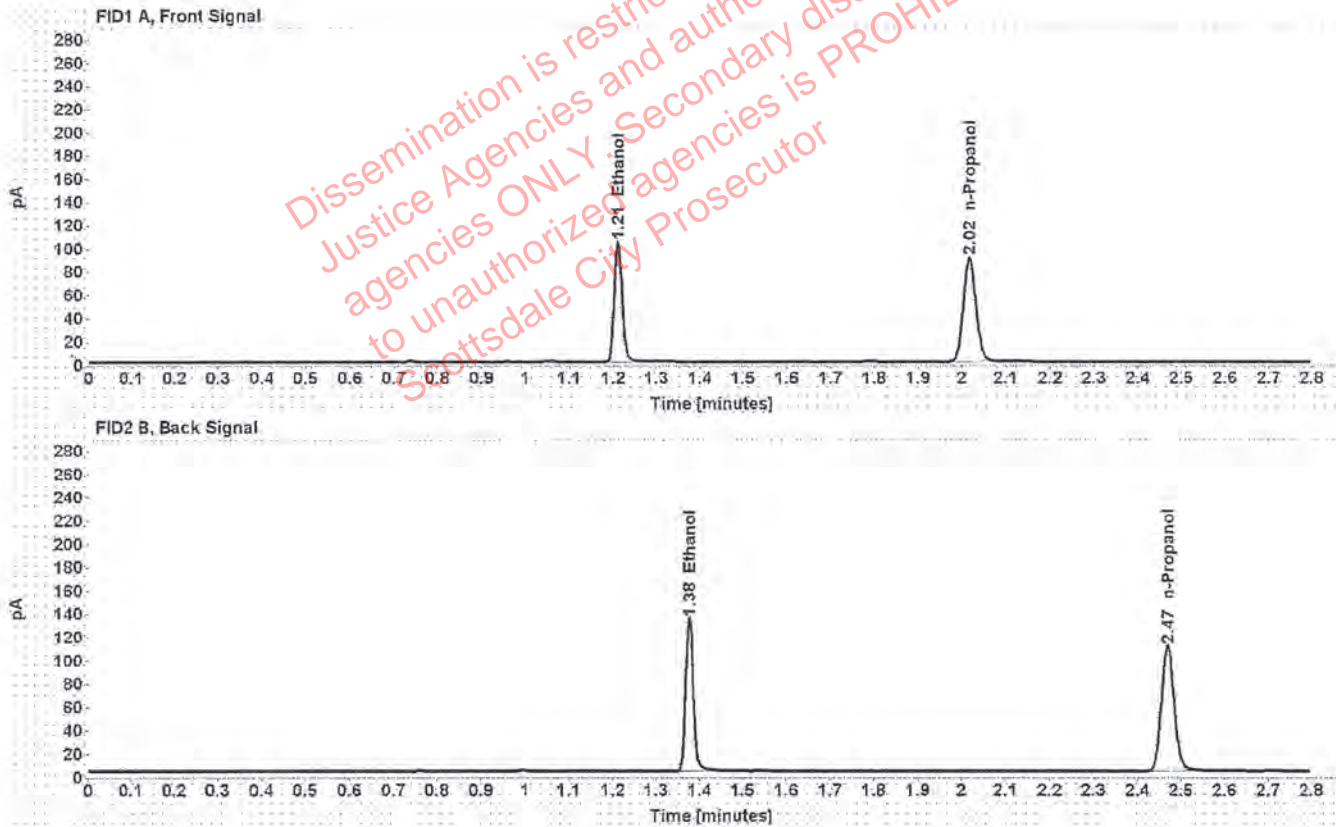


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	132.043
n-Propanol	-----	2.017	178.604

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

Compound	Time (min)	Peak Area
Ethanol	1.376	163.548
n-Propanol	2.469	219.363



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	03102016-A/1	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:21:14 AM
Data file:	C:\Chem32\1\Data\06May20\20.D	Analyst:	Canonico <i>EC</i>

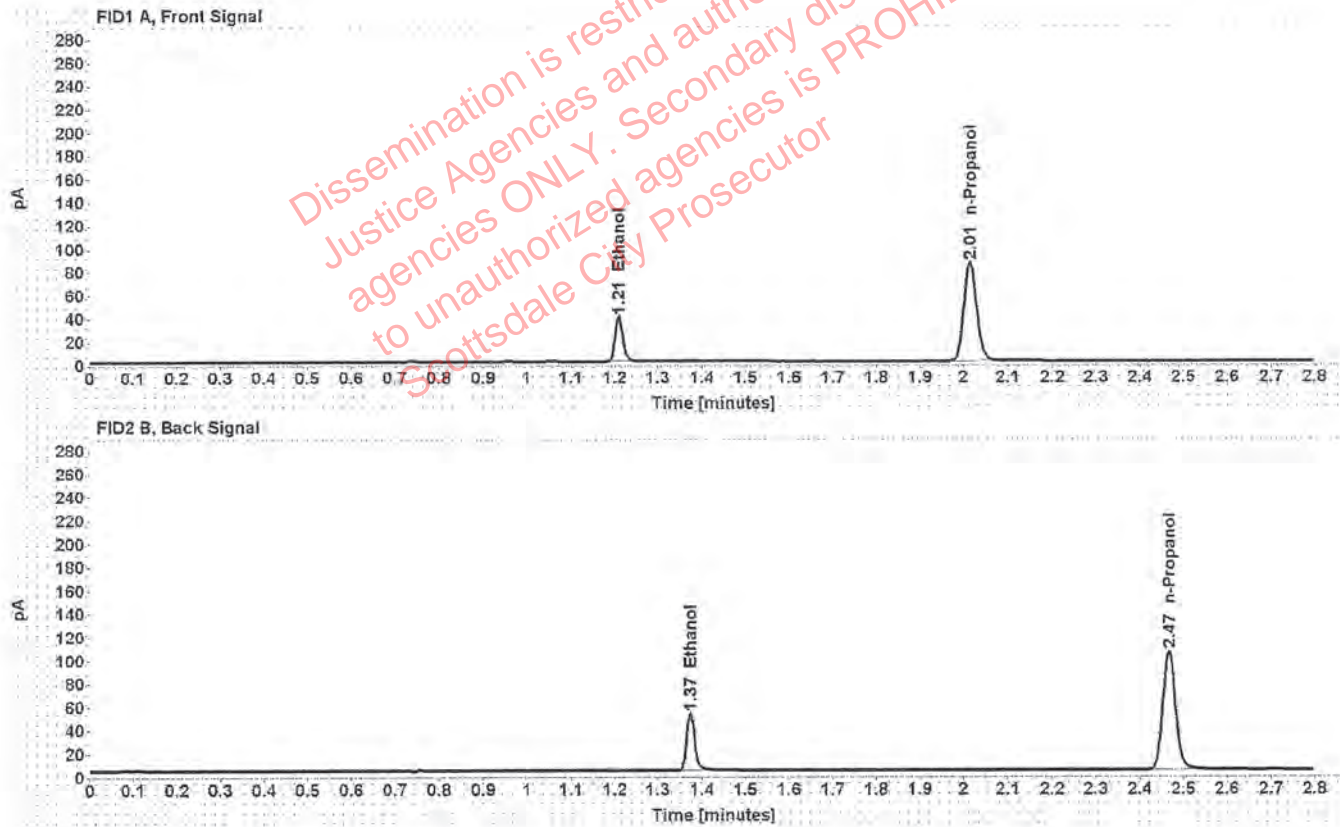


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.209	49.849
n-Propanol	-----	2.015	169.993

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.268
n-Propanol	2.466	208.167

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	31
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:05:45 PM
Data file:	C:\Chem32\1\Data\06May20\31.D	Analyst:	Canonico <i>PC</i>

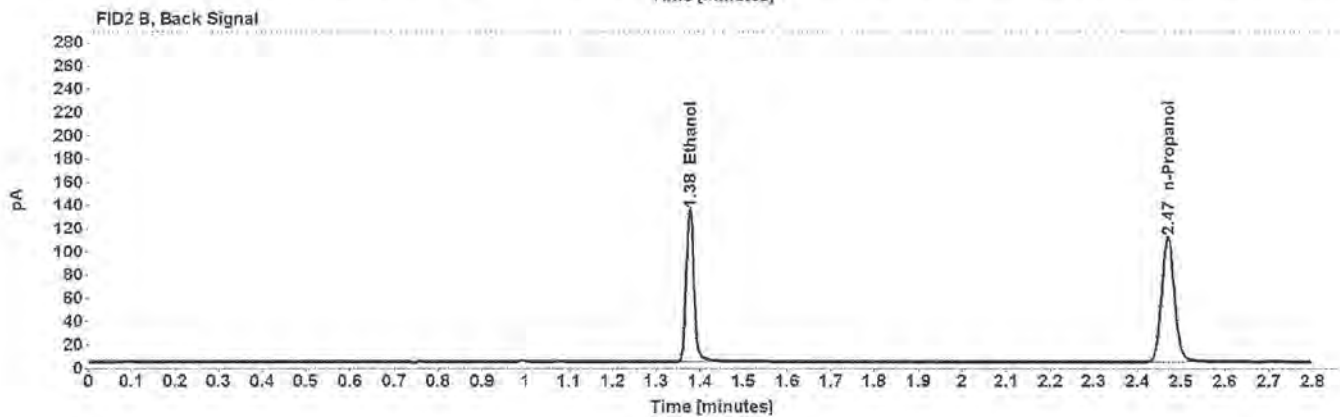
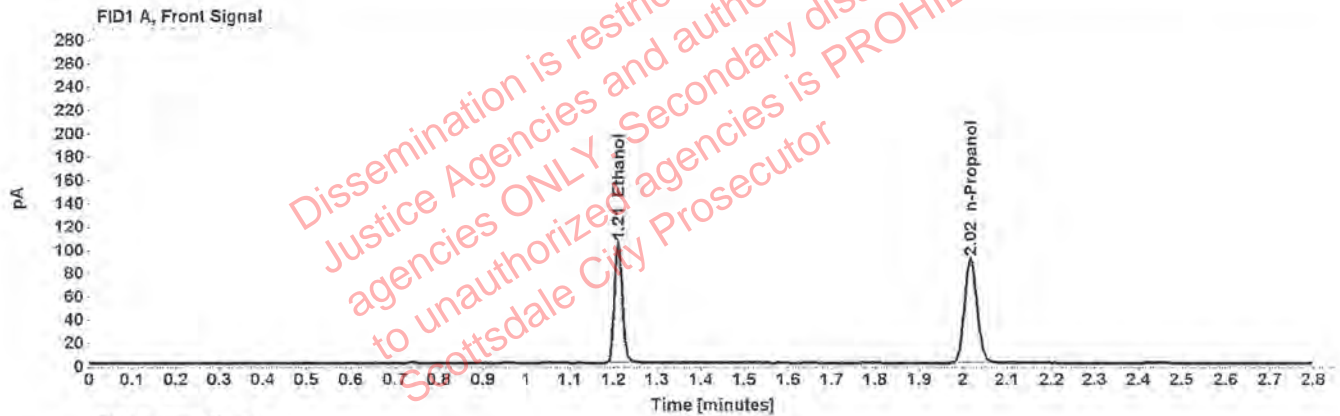


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1995	1.211	132.874
n-Propanol	-----	2.017	179.463

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

Compound	Time (min)	Peak Area
Ethanol	1.376	164.324
n-Propanol	2.470	219.810

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 42
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 06May20
Instrument: US14173023 CN14160045	Injection date: 5/6/2020 12:49:59 PM
Data file: C:\Chem32\1\Data\06May20\42.D	Analyst: Canonico <i>ec</i>

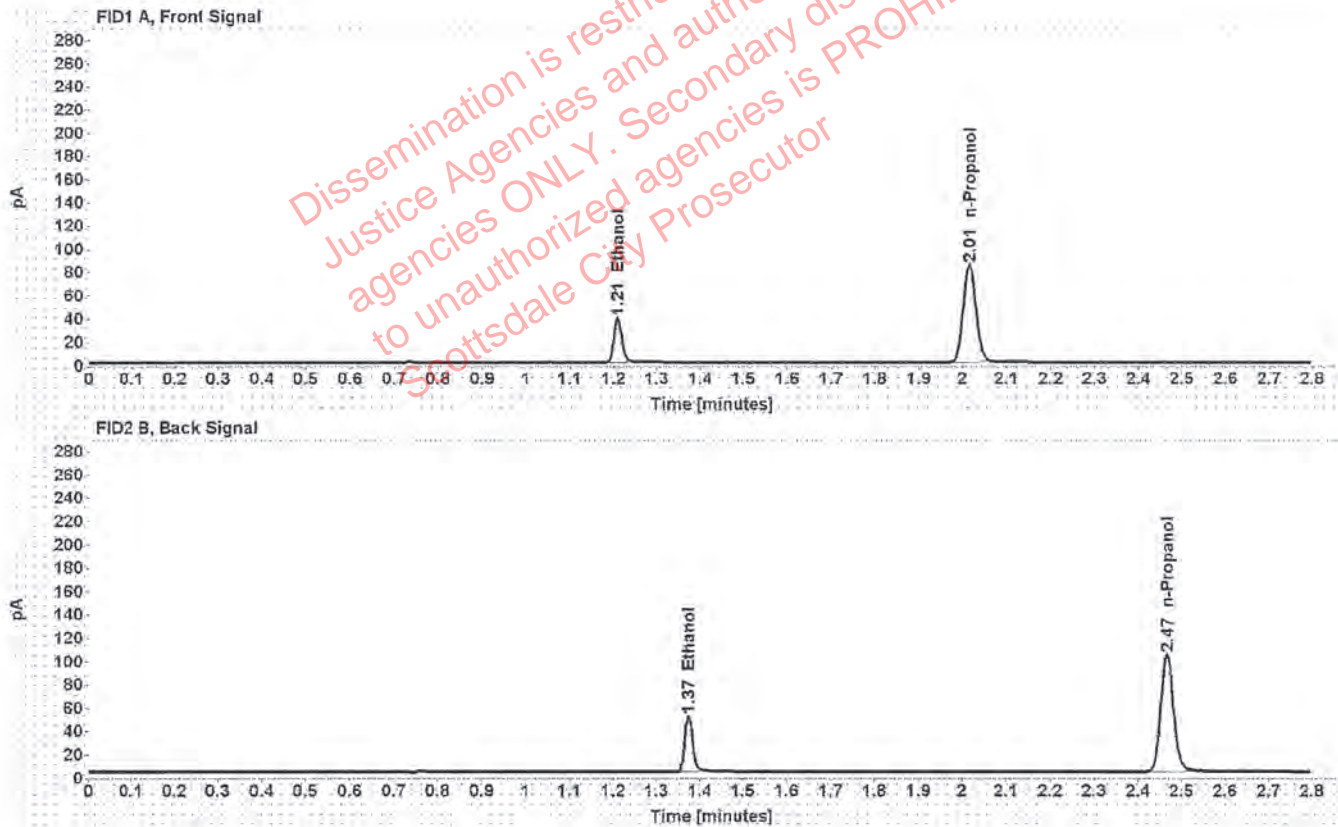


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.210	49.070
n-Propanol	-----	2.015	168.168

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.183
n-Propanol	2.467	205.874



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	45
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 1:02:15 PM
Data file:	C:\Chem32\1\Data\06May20\45.D	Analyst:	Canonico <i>EC</i>

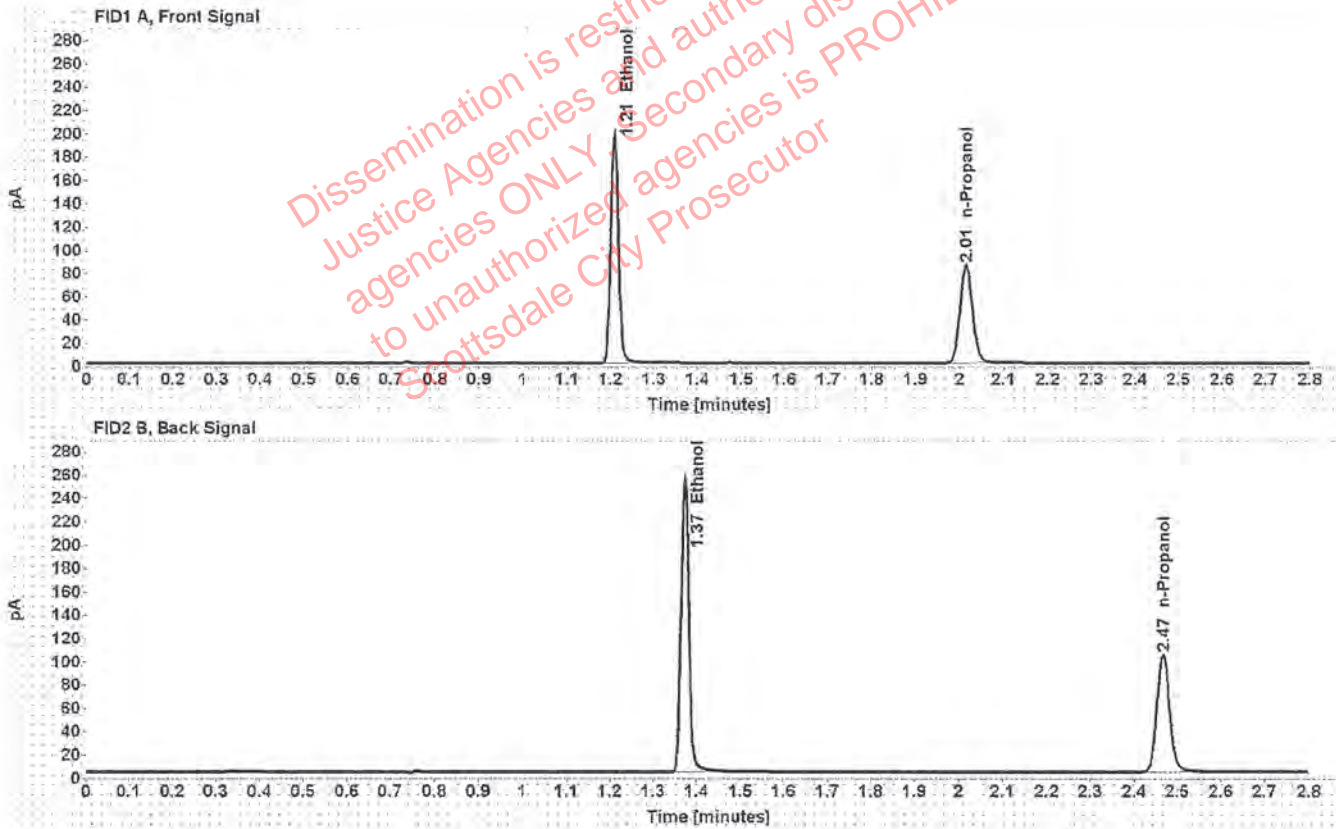


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3950	1.208	250.173
n-Propanol	-----	2.015	169.554

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

Compound	Time (min)	Peak Area
Ethanol	1.373	310.782
n-Propanol	2.467	208.230

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	46
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 1:06:14 PM
Data file:	C:\Chem32\1\Data\06May20\46.D	Analyst:	Canonico <i>EC</i>

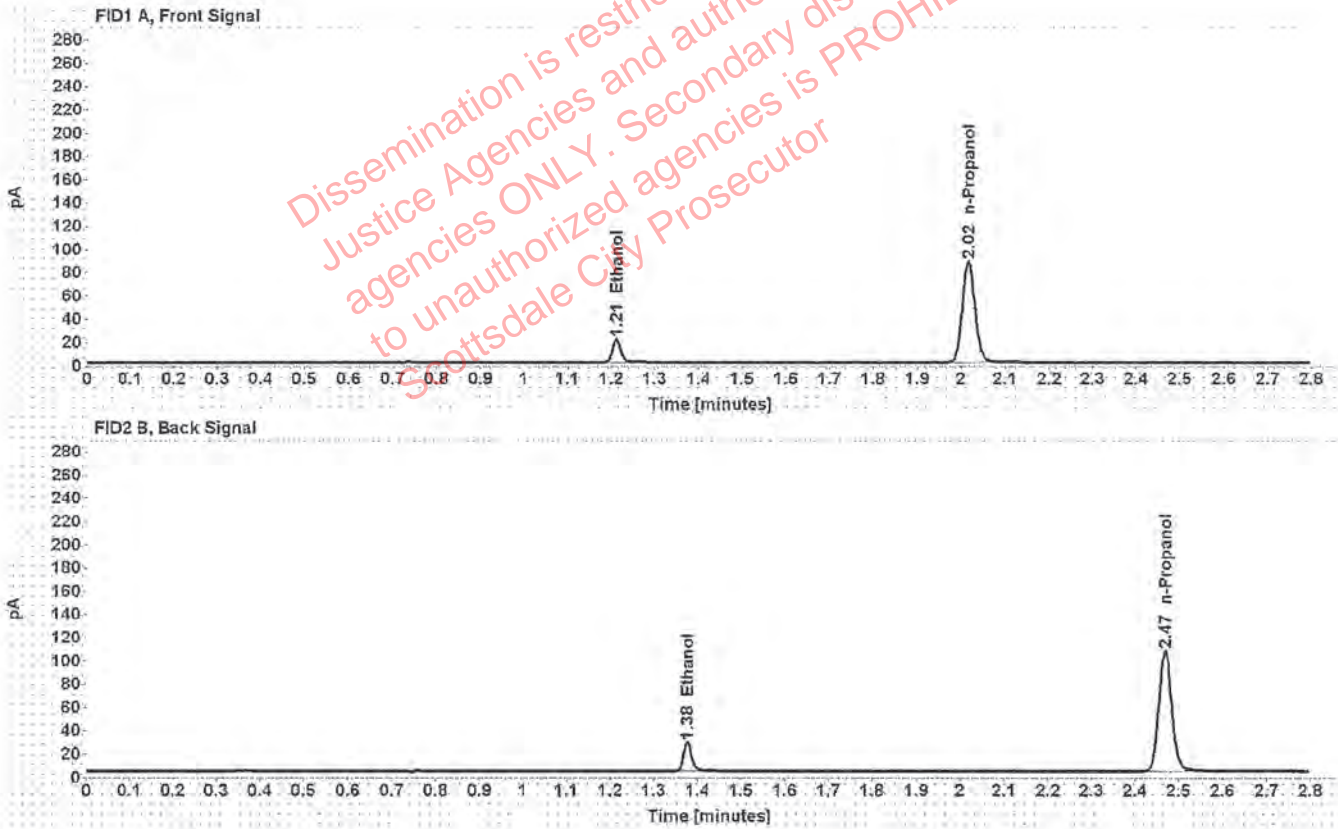


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0421	1.212	25.730
n-Propanol	-----	2.016	173.640

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

Compound	Time (min)	Peak Area
Ethanol	1.377	31.531
n-Propanol	2.469	212.573

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	47
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 1:10:14 PM
Data file:	C:\Chem32\1\Data\06May20\47.D	Analyst:	Canonico <i>EC</i>

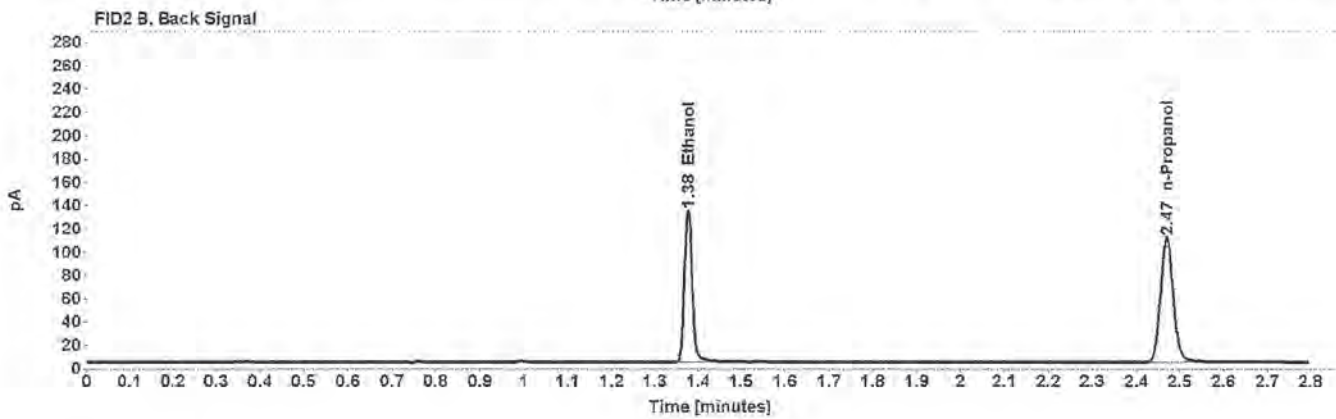
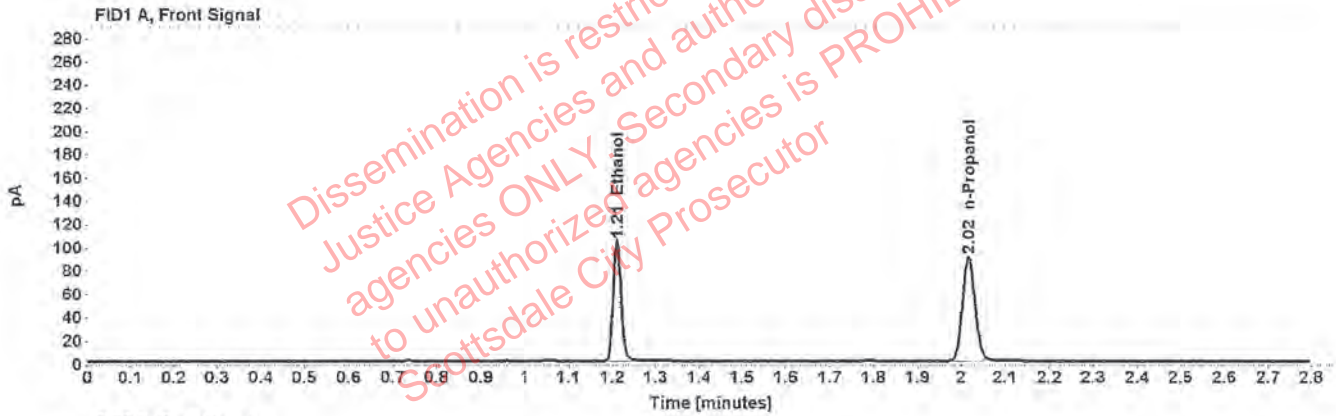


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	132.336
n-Propanol	-----	2.017	179.066

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

Compound	Time (min)	Peak Area
Ethanol	1.376	163.551
n-Propanol	2.469	219.398



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	48
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 1:14:15 PM
Data file:	C:\Chem32\1\Data\06May20\48.D	Analyst:	Canonico <i>ec</i>

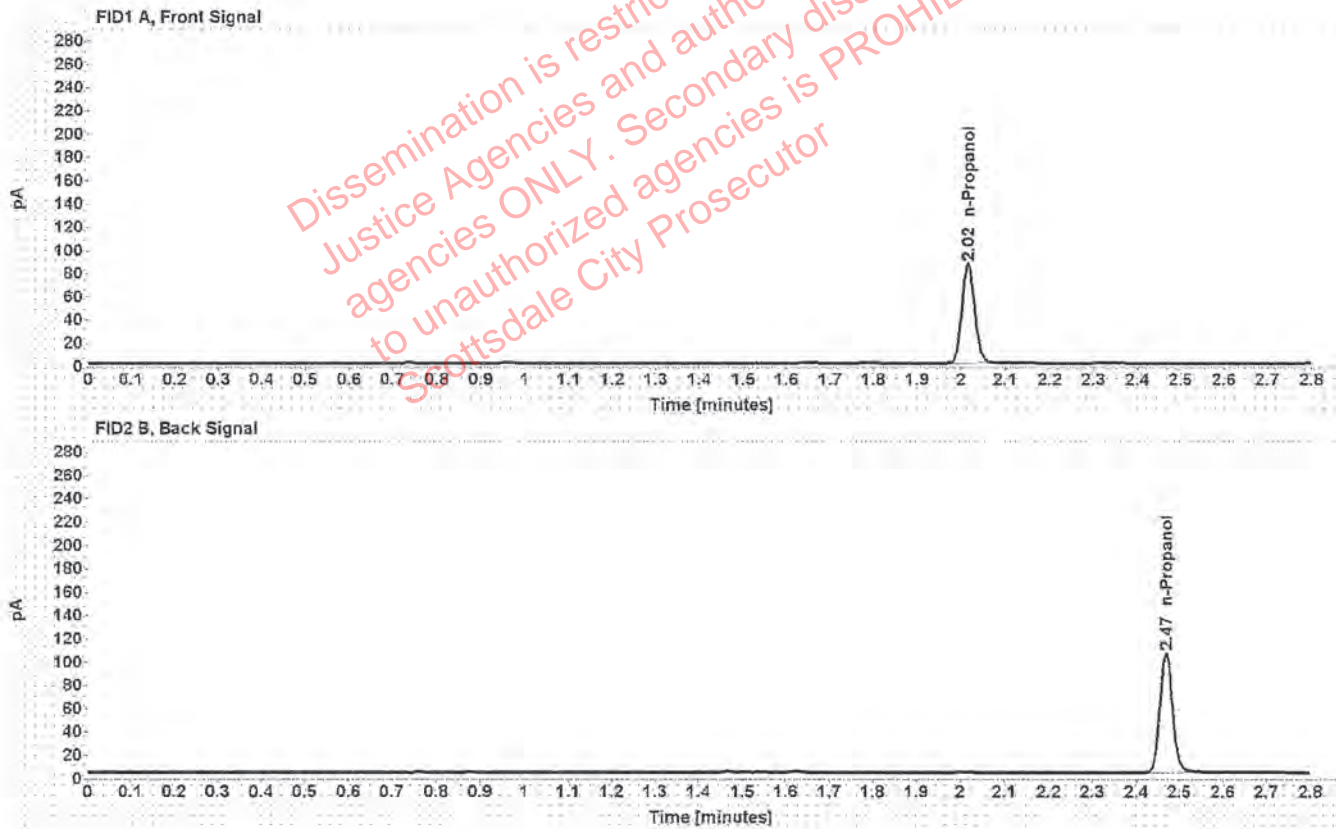


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	171.581

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	210.453

# Sequence Summary

Sequence name: 06May20      Instrument: US14173023 CN14160045      Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03241604	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	040720	Negative	Control		ethanol quant.M
6	070819	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	912851		Sample		ethanol quant.M
11	912851		Sample		ethanol quant.M
12	1274024		Sample		ethanol quant.M
13	1274024		Sample		ethanol quant.M
14	1317762		Sample		ethanol quant.M
15	1317762		Sample		ethanol quant.M
16	1315134		Sample		ethanol quant.M
17	1315134		Sample		ethanol quant.M
18	1317894		Sample		ethanol quant.M
19	1317894		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1317892		Sample		ethanol quant.M
22	1317892		Sample		ethanol quant.M
23	1317915		Sample		ethanol quant.M
24	1317915		Sample		ethanol quant.M
25	1317832		Sample		ethanol quant.M
26	1317832		Sample		ethanol quant.M
27	1298784		Sample		ethanol quant.M
28	1298784		Sample		ethanol quant.M
29	1318563		Sample		ethanol quant.M
30	1318563		Sample		ethanol quant.M
31	407041529/13	0.198	Control		ethanol quant.M
32	31801FJ		Sample		ethanol quant.M
33	31801FJ		Sample		ethanol quant.M
34	1319056		Sample		ethanol quant.M
35	1319056		Sample		ethanol quant.M
36	216		Sample		ethanol quant.M
37	216		Sample		ethanol quant.M
38	129		Sample		ethanol quant.M
39	129		Sample		ethanol quant.M
40	166		Sample		ethanol quant.M
41	166		Sample		ethanol quant.M
42	03102016-A/1	0.080	Control		ethanol quant.M
43	267		Sample		ethanol quant.M
44	267		Sample		ethanol quant.M
45	11092018-A	0.400	Control		ethanol quant.M
46	14082019-B	0.040	Control		ethanol quant.M
47	407041529/13	0.198	Control		ethanol quant.M

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

# Sequence Summary

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48	040919WB	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: 06May20

ANALYST: Canonico

22

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0724	0.0729	0.07265	0.34	0.00025
12 13	0.2243	0.2229	0.22360	0.31	0.00070
14 15	0.0811	0.0802	0.08065	0.56	0.00045
16 17	0.0901	0.0897	0.08990	0.22	0.00020
18 19	0.2576	0.2575	0.25755	0.02	0.00005
21 22	0.2220	0.2209	0.22145	0.25	0.00055
23 24	0.1121	0.1125	0.11230	0.18	0.00020
25 26	0.0446	0.0449	0.04475	0.34	0.00015
27 28	0.1195	0.1203	0.11990	0.33	0.00040
29 30	0.2979	0.2965	0.29720	0.24	0.00070
32 33	0.2308	0.2289	0.22985	0.41	0.00095
34 35	0.0603	0.0609	0.06060	0.50	0.00030
36 37	0.1481	0.1487	0.14840	0.20	0.00030
38 39	0.0366	0.0372	0.03690	0.81	0.00030
40 41	0.0791	0.0792	0.07915	0.06	0.00005
43 44	0.2464	0.2474	0.24690	0.20	0.00050

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 912851	Vial: 10
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06May20
Instrument: US14173023 CN14160045	Injection date: 5/6/2020 10:40:44 AM
Data file: C:\Chem32\1\Data\06May20\10.D	Analyst: Canonico

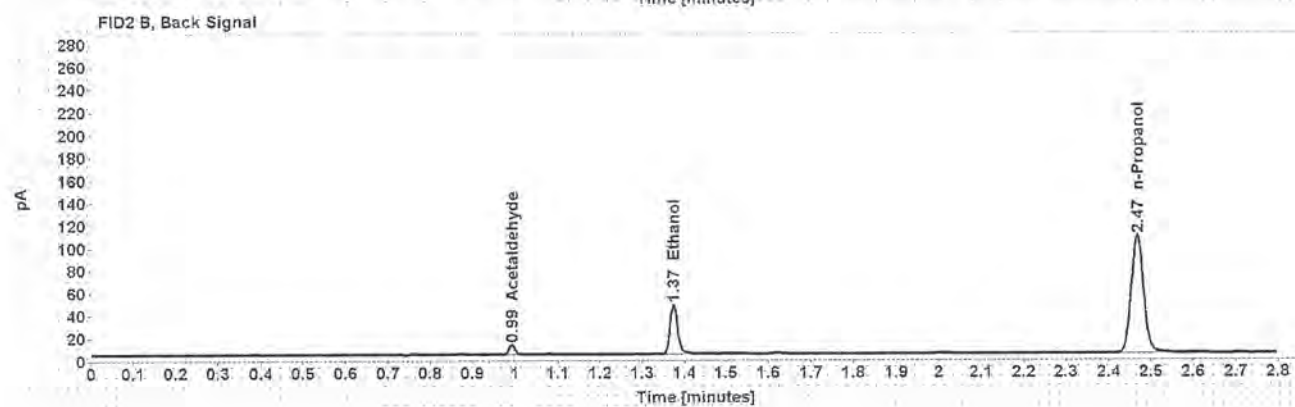
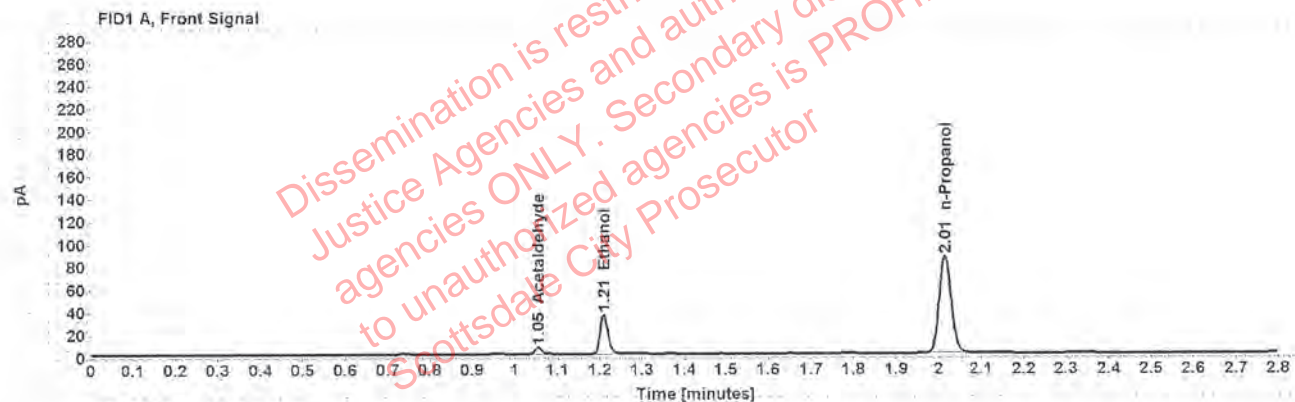


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	6.342
>Ethanol	0.0724	1.210	45.159
n-Propanol	-----	2.015	172.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	8.270
Ethanol	1.374	55.566
n-Propanol	2.467	212.248



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	912851	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:44:45 AM
Data file:	C:\Chem32\1\Data\06May20\11.D	Analyst:	Canonico

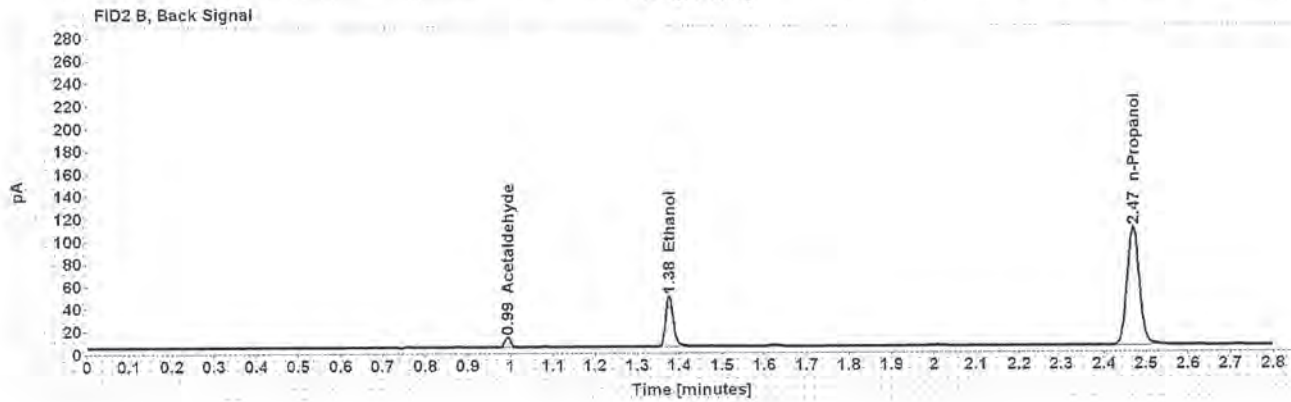
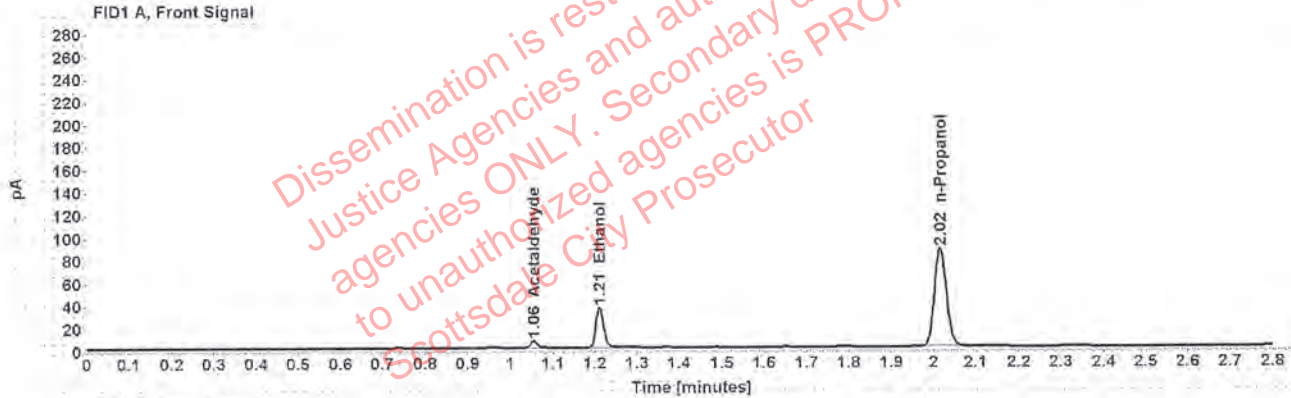


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	6.375
>Ethanol	0.0729	1.211	45.748
n-Propanol	-----	2.016	173.270

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	8.296
Ethanol	1.376	56.012
n-Propanol	2.469	213.435

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1274024	Vial: 12
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 06May20
Instrument: US14173023 CN14160045	Injection date: 5/6/2020 10:48:44 AM
Data file: C:\Chem32\1\Data\06May20\12.D	Analyst: Canonico

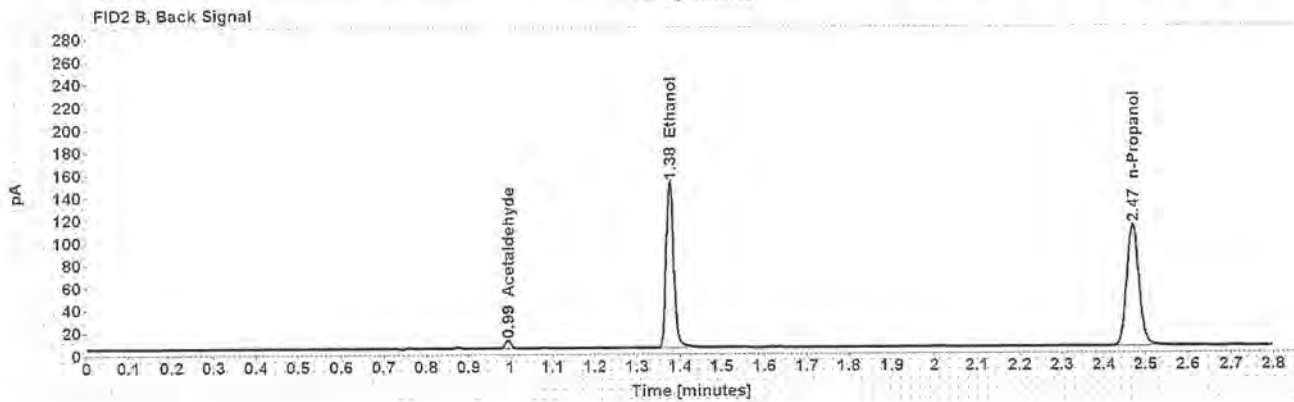
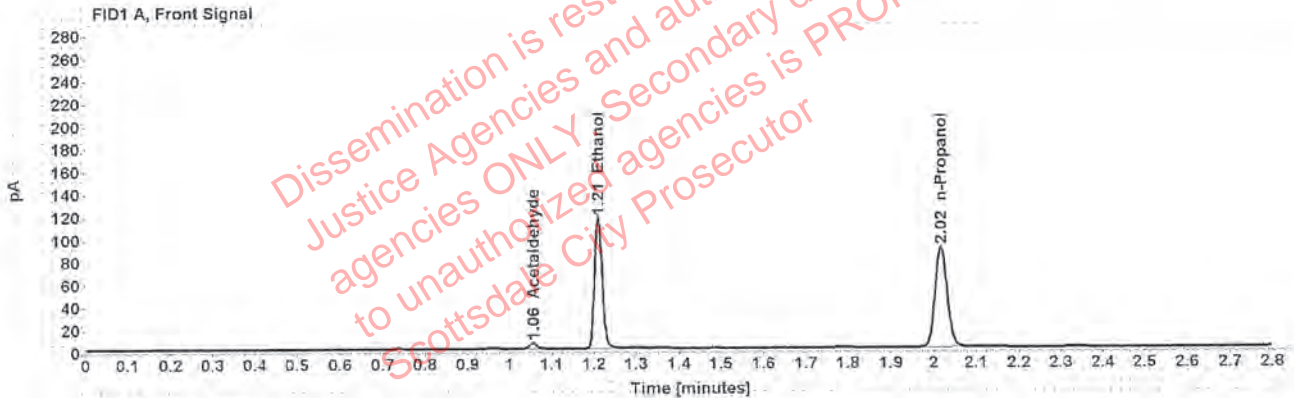


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.388
>Ethanol	0.2243	1.210	148.587
n-Propanol	-----	2.017	178.262

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.002
Ethanol	1.376	183.612
n-Propanol	2.469	219.044

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1274024	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:52:59 AM
Data file:	C:\Chem32\1\Data\06May20\13.D	Analyst:	Canonico

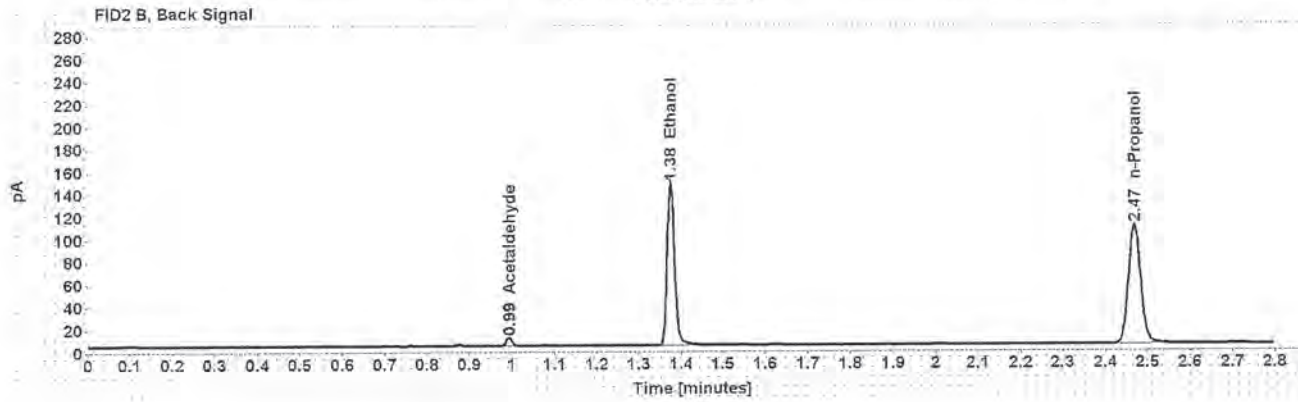
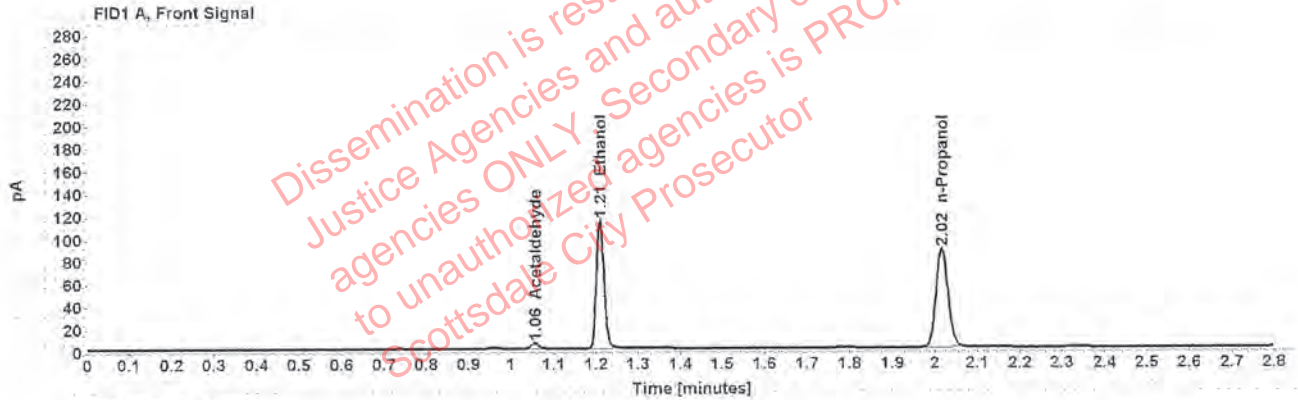


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.243
>Ethanol	0.2229	1.210	144.977
n-Propanol	-----	2.016	175.022

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.793
Ethanol	1.375	179.254
n-Propanol	2.469	214.893



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317762	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 10:57:00 AM
Data file:	C:\Chem32\1\Data\06May20\14.D	Analyst:	Canonico

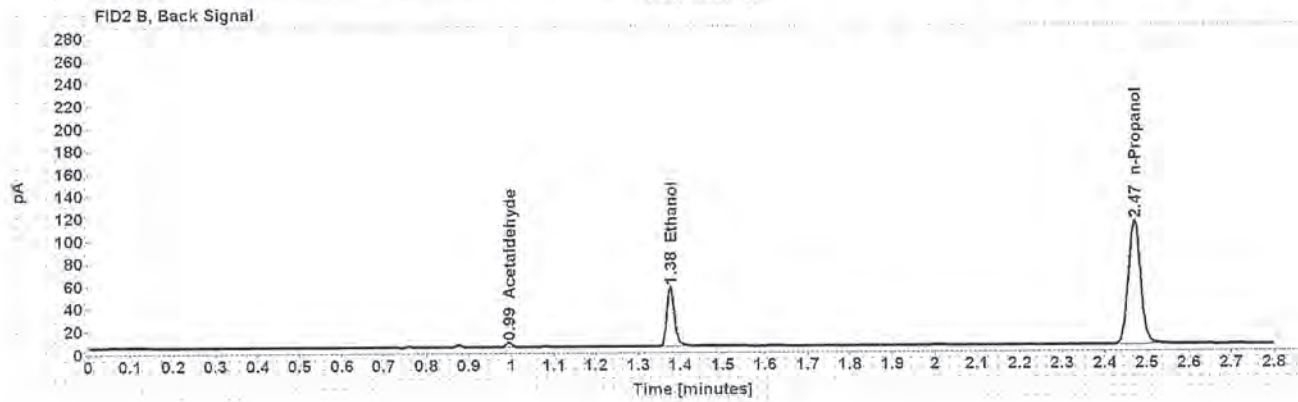
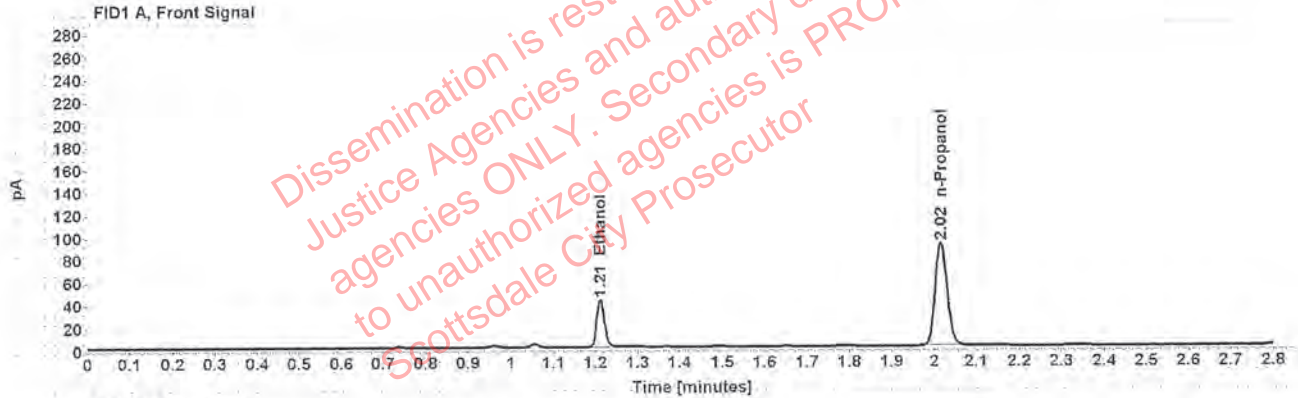


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.211	53.619
n-Propanol	---	2.017	181.905

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.842
Ethanol	1.377	65.622
n-Propanol	2.469	223.249

Case: [REDACTED] User: ecanonico 5/6/2020

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317762	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:00:59 AM
Data file:	C:\Chem32\1\Data\06May20\15.D	Analyst:	Canonico

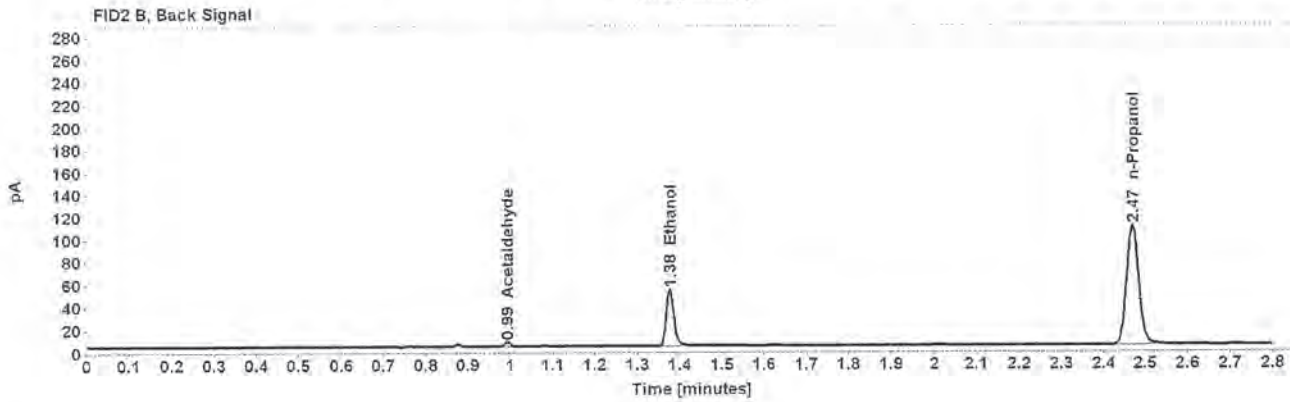
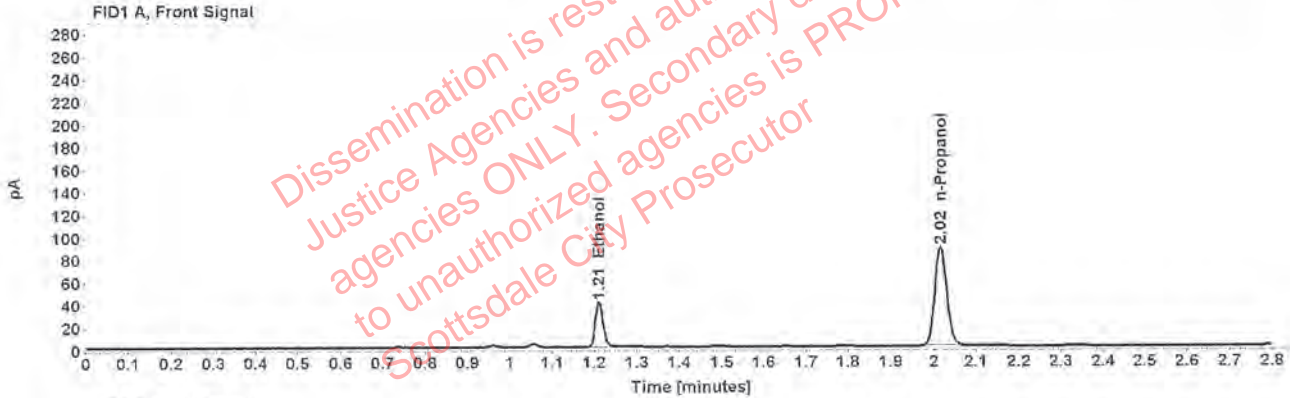


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0802	1.211	51.167
n-Propanol	---	2.016	175.570

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.769
Ethanol	1.376	62.667
n-Propanol	2.469	215.436

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315134	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:05:00 AM
Data file:	C:\Chem32\1\Data\06May20\16.D	Analyst:	Canonico

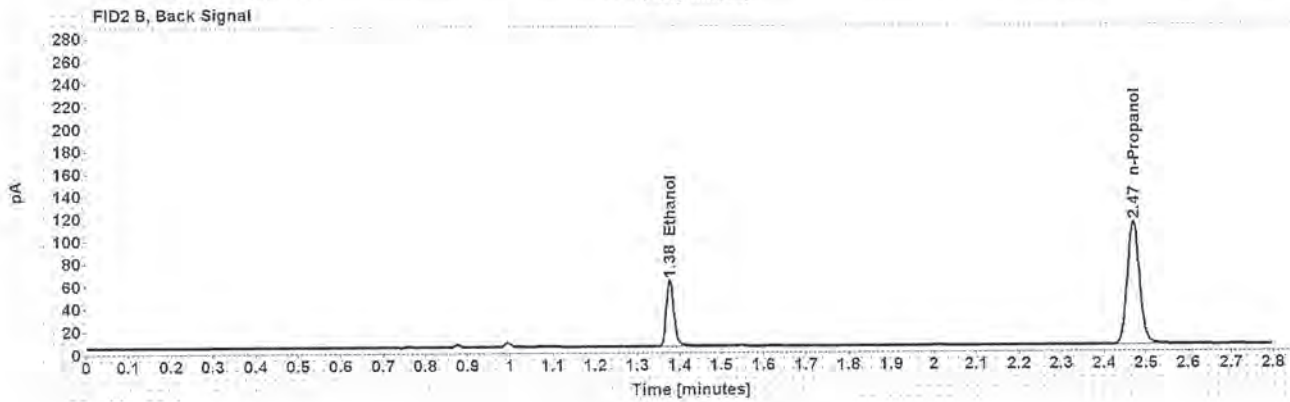
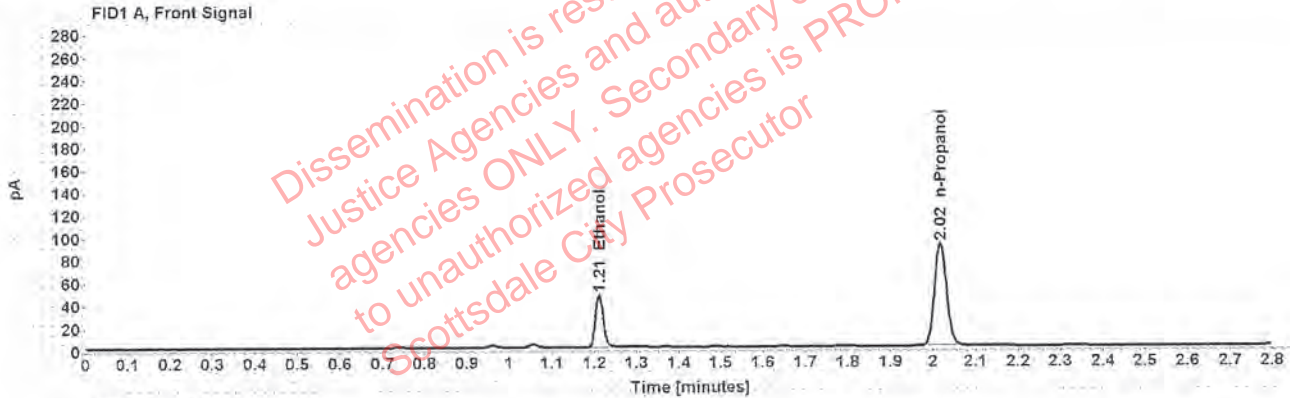


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0901	1.211	59.594
n-Propanol	-----	2.017	181.193

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

Compound	Time (min)	Peak Area
Ethanol	1.377	73.054
n-Propanol	2.470	222.216



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315134	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:08:59 AM
Data file:	C:\Chem32\1\Data\06May20\17.D	Analyst:	Canonico

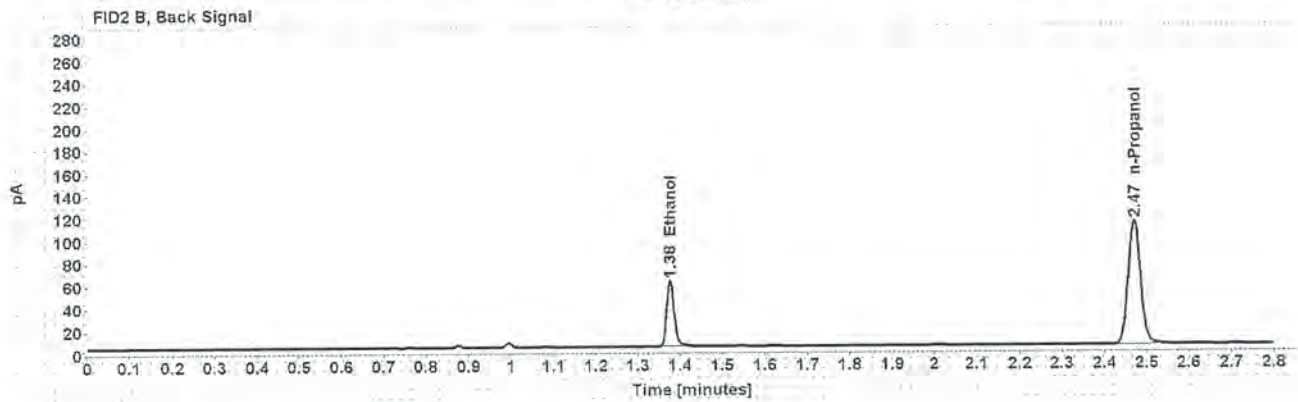
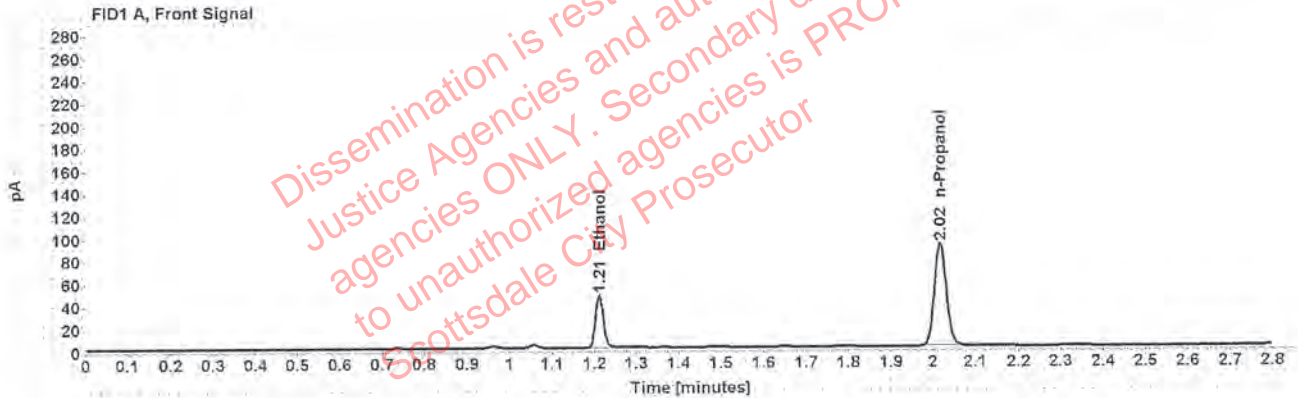


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0897	1.211	59.568
n-Propanol	-----	2.017	182.004

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

Compound	Time (min)	Peak Area
Ethanol	1.377	72.999
n-Propanol	2.470	223.267

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317894	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:13:00 AM
Data file:	C:\Chem32\1\Data\06May20\18.D	Analyst:	Canonico

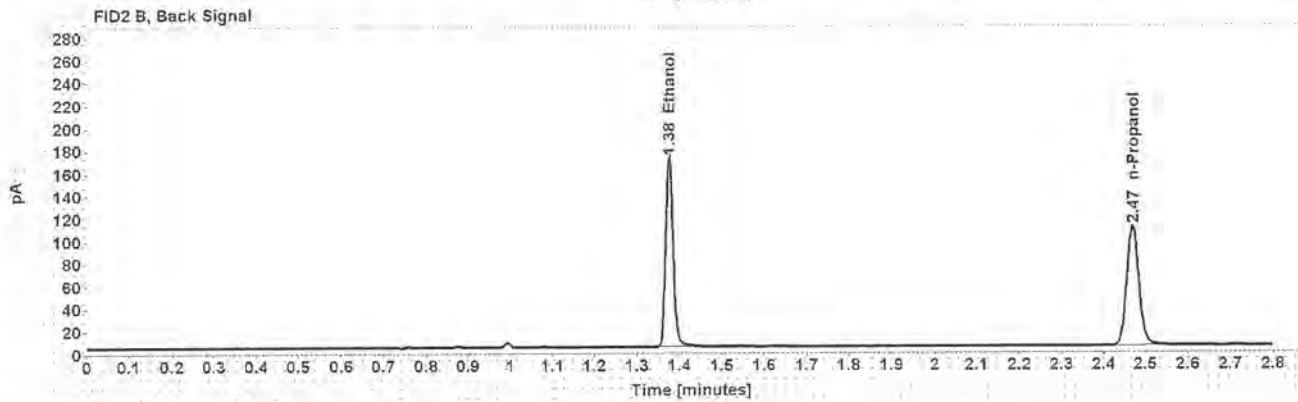
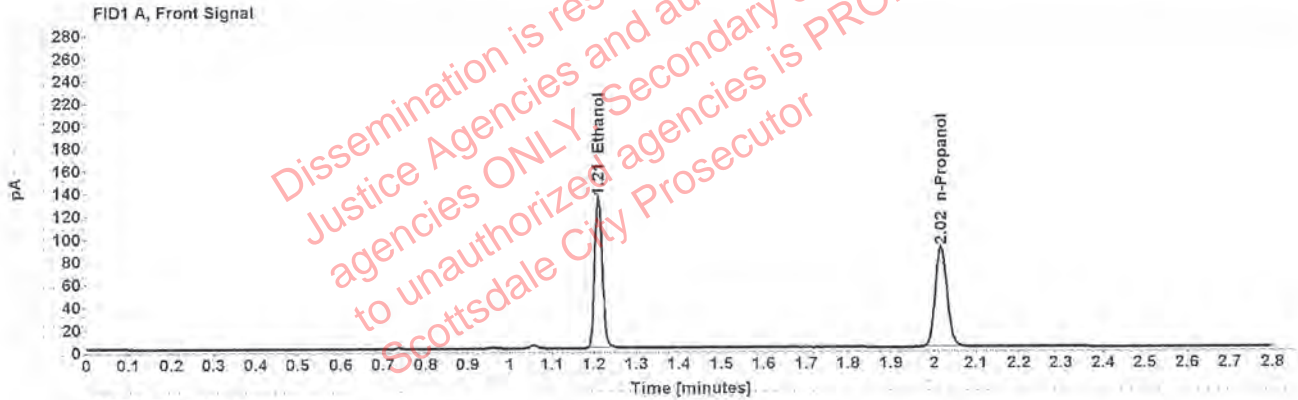


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2576	1.210	169.913
n-Propanol	-----	2.017	177.244

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

Compound	Time (min)	Peak Area
Ethanol	1.376	210.079
n-Propanol	2.469	216.379

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317894	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:17:14 AM
Data file:	C:\Chem32\1\Data\06May20\19.D	Analyst:	Canonico

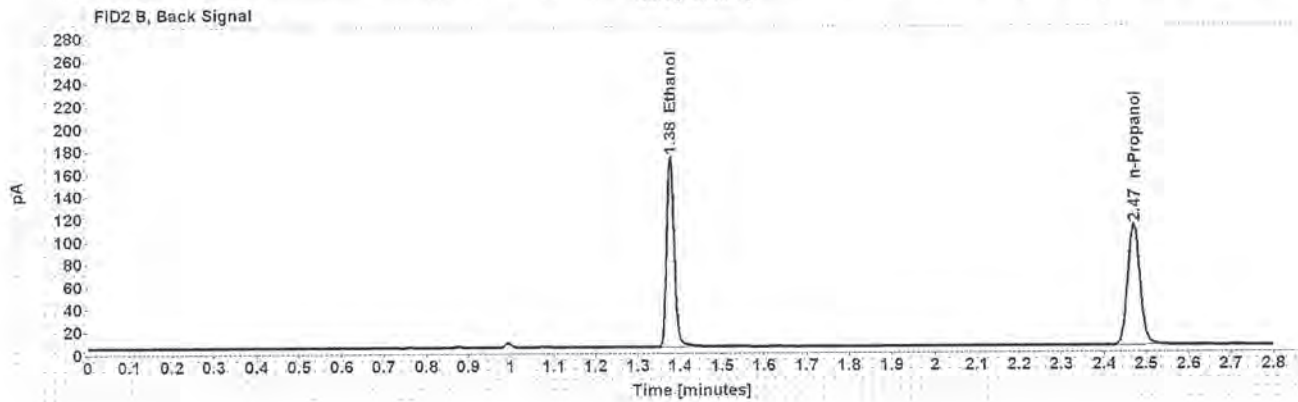
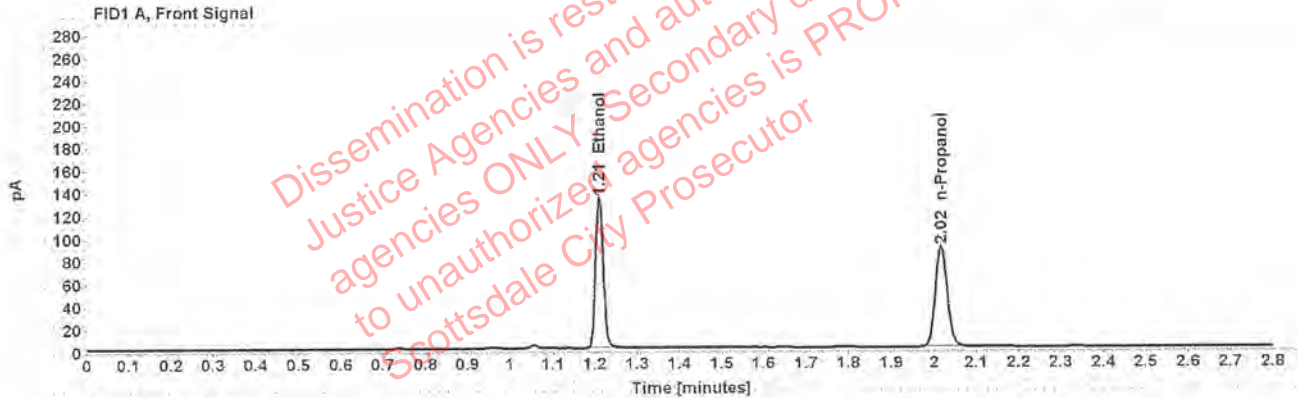


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2575	1.210	169.987
n-Propanol	-----	2.017	177.381

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

Compound	Time (min)	Peak Area
Ethanol	1.376	210.387
n-Propanol	2.469	216.329



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317892	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:25:15 AM
Data file:	C:\Chem32\1\Data\06May20\21.D	Analyst:	Canonico

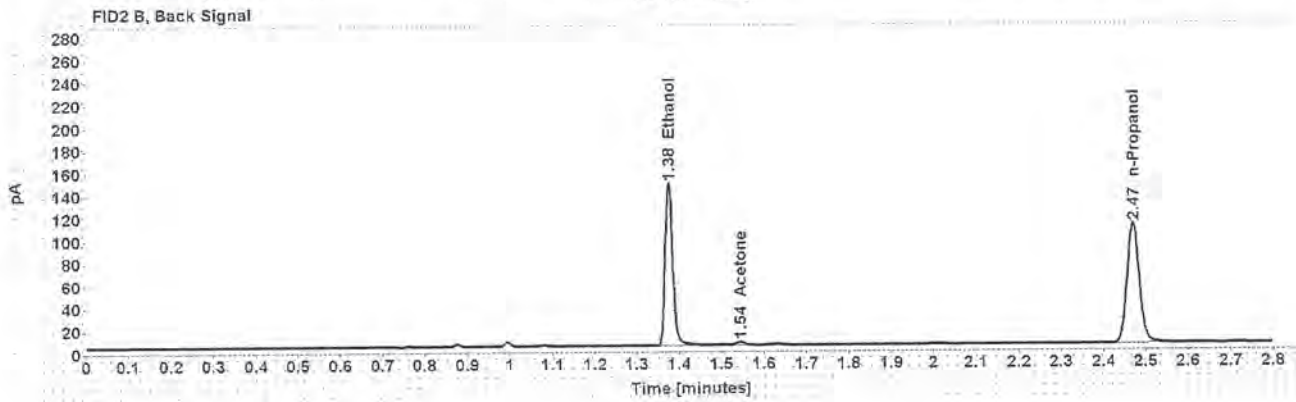
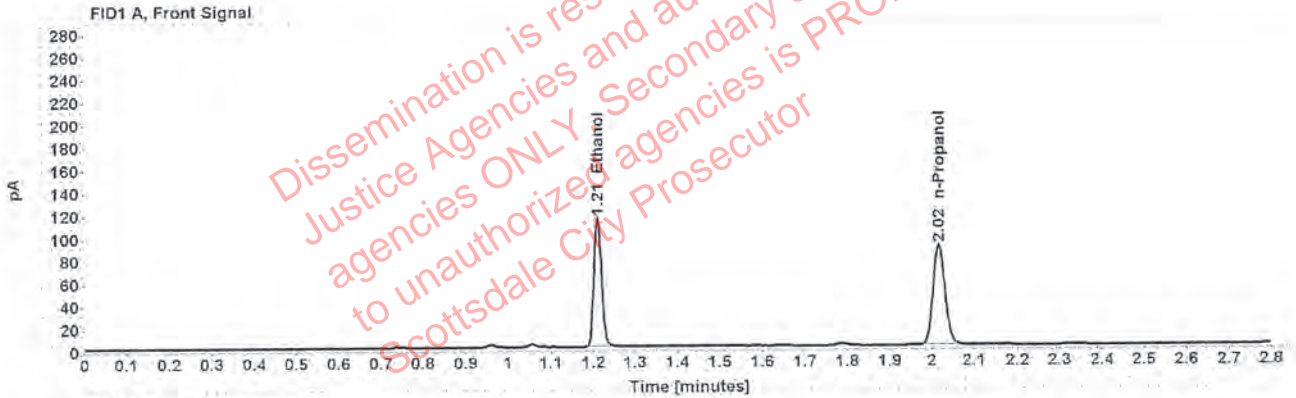


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2220	1.210	145.891
n-Propanol	-----	2.017	176.864

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

Compound	Time (min)	Peak Area
Ethanol	1.376	181.910
Acetone	1.544	4.231
n-Propanol	2.469	216.955

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317892	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:29:14 AM
Data file:	C:\Chem32\1\Data\06May20\22.D	Analyst:	Canonico

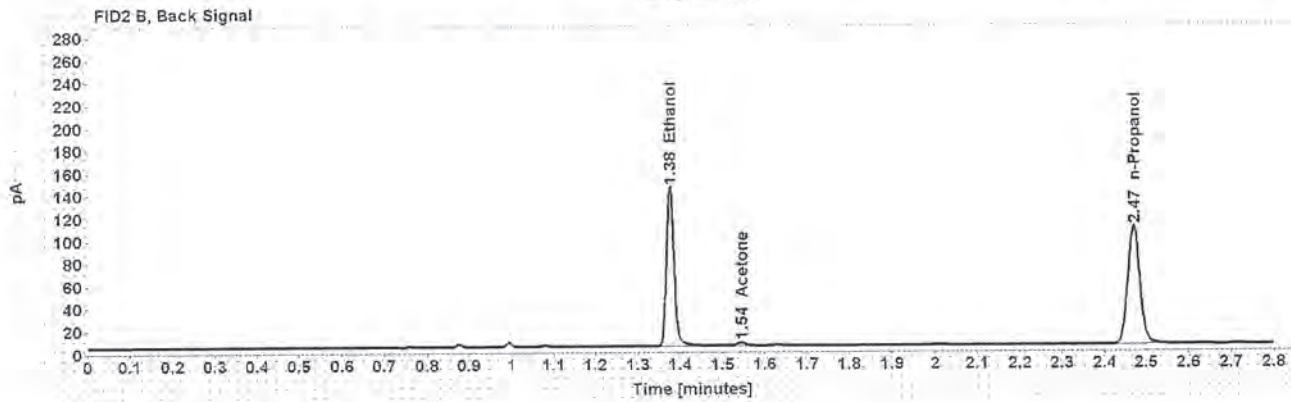
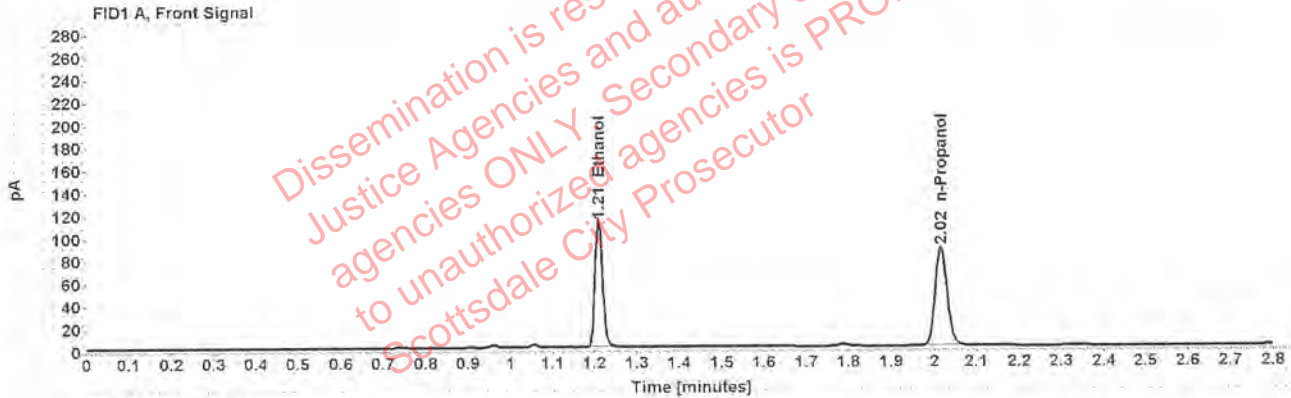


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2209	1.210	142.653
n-Propanol	-----	2.016	173.840

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

Compound	Time (min)	Peak Area
Ethanol	1.376	177.902
Acetone	1.544	4.197
n-Propanol	2.469	212.964

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317915	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:33:15 AM
Data file:	C:\Chem32\1\Data\06May20\23.D	Analyst:	Canonico

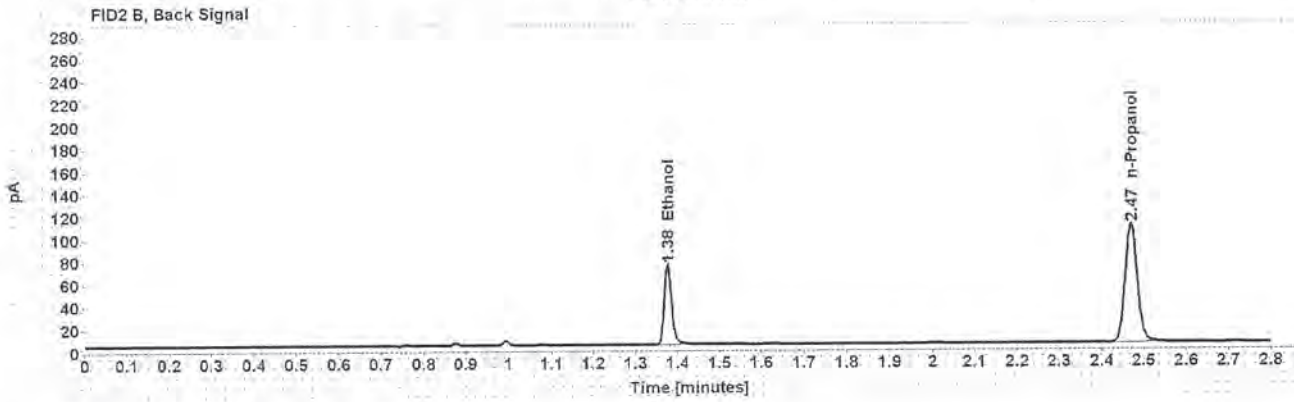
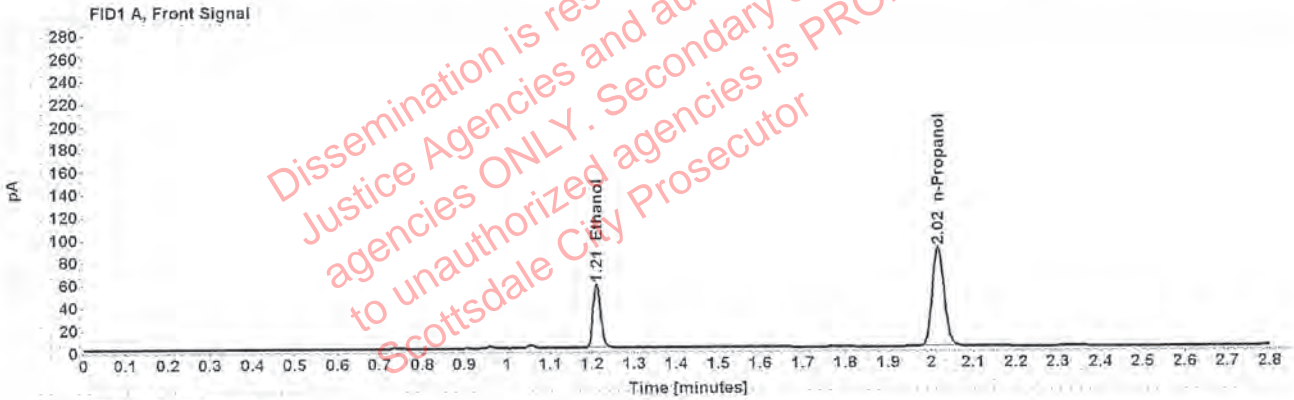


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1121	1.211	71.909
n-Propanol	-----	2.017	174.673

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

Compound	Time (min)	Peak Area
Ethanol	1.376	88.089
n-Propanol	2.469	214.111



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317915	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:37:14 AM
Data file:	C:\Chem3211\Data\06May20\24.D	Analyst:	Canonico

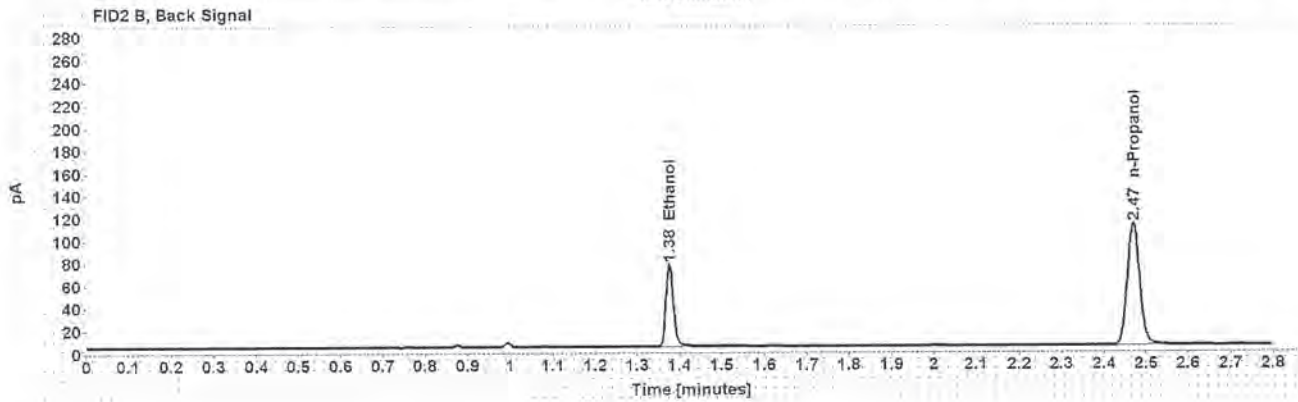
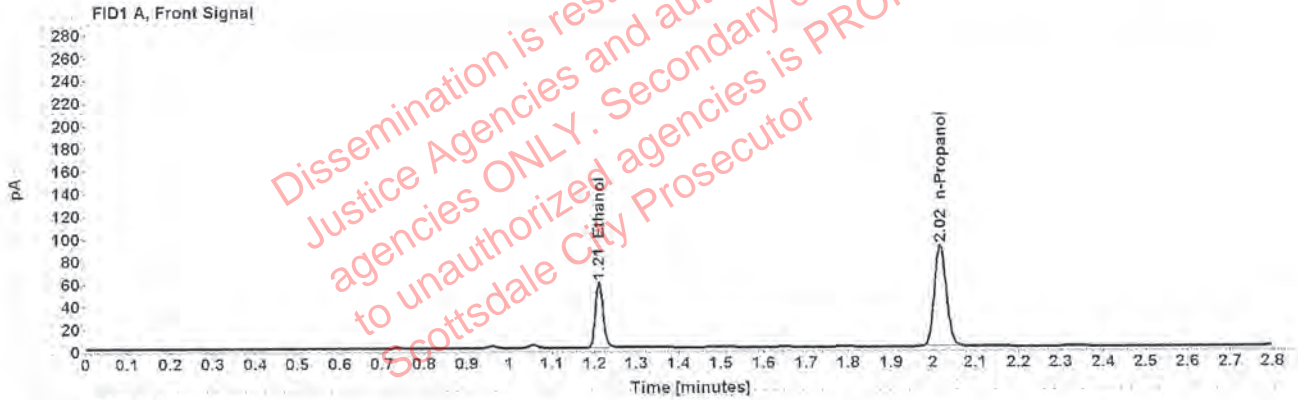


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1125	1.211	74.253
n-Propanol	-----	2.017	179.828

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

Compound	Time (min)	Peak Area
Ethanol	1.377	91.265
n-Propanol	2.470	220.283

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317832	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:41:29 AM
Data file:	C:\Chem32\1\Data\06May20\25.D	Analyst:	Canonico

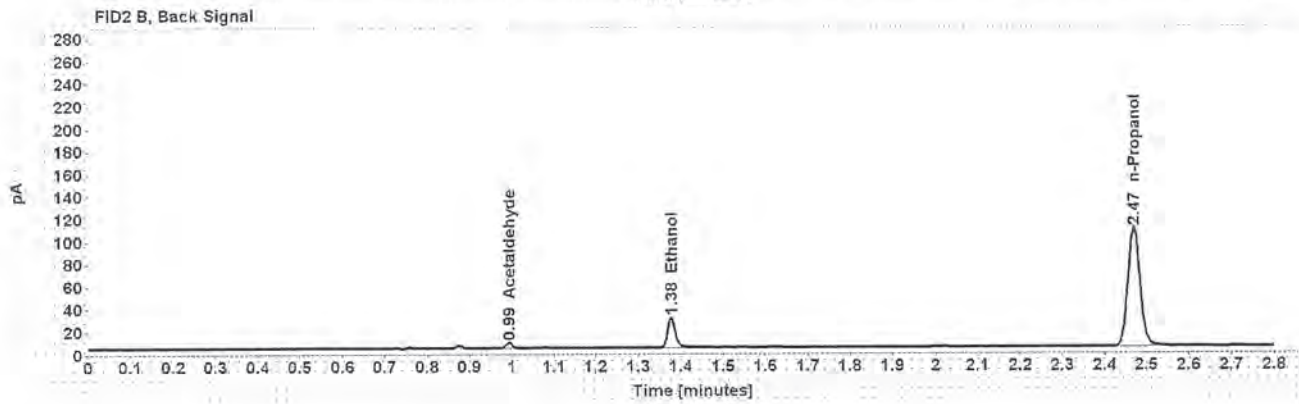


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0446	1.212	27.787
n-Propanol	-----	2.016	176.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.727
Ethanol	1.377	34.598
n-Propanol	2.469	216.135

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317832	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:45:30 AM
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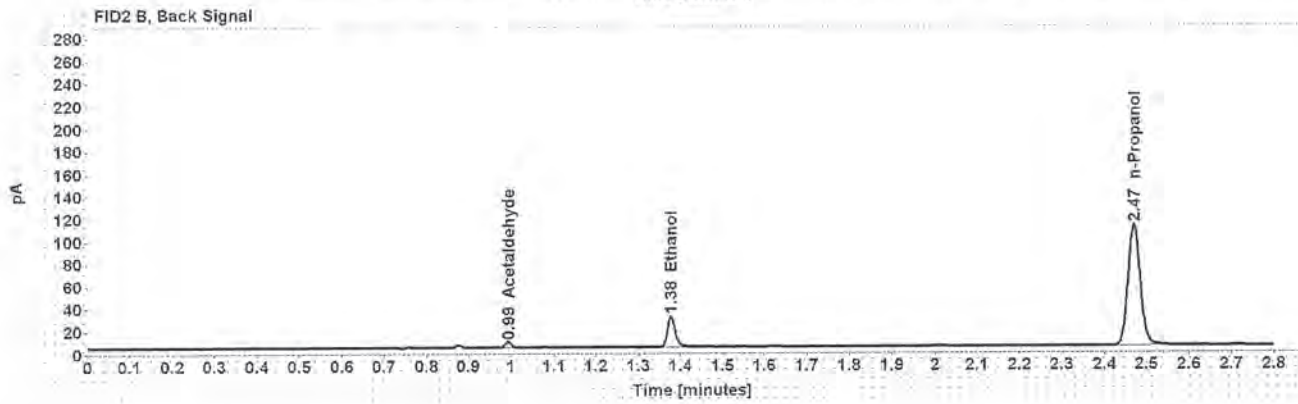
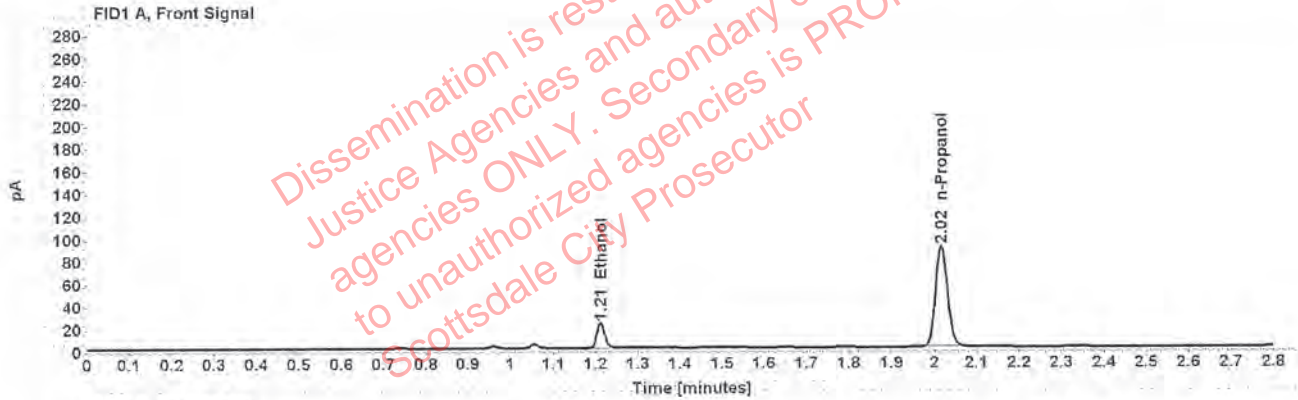


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0449	1.212	28.284
n-Propanol	-----	2.017	178.243

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.713
Ethanol	1.377	35.258
n-Propanol	2.469	218.738



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298784	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:49:30 AM
Data file:	C:\Chem32\1\Data\06May20\27.D	Analyst:	Canonico

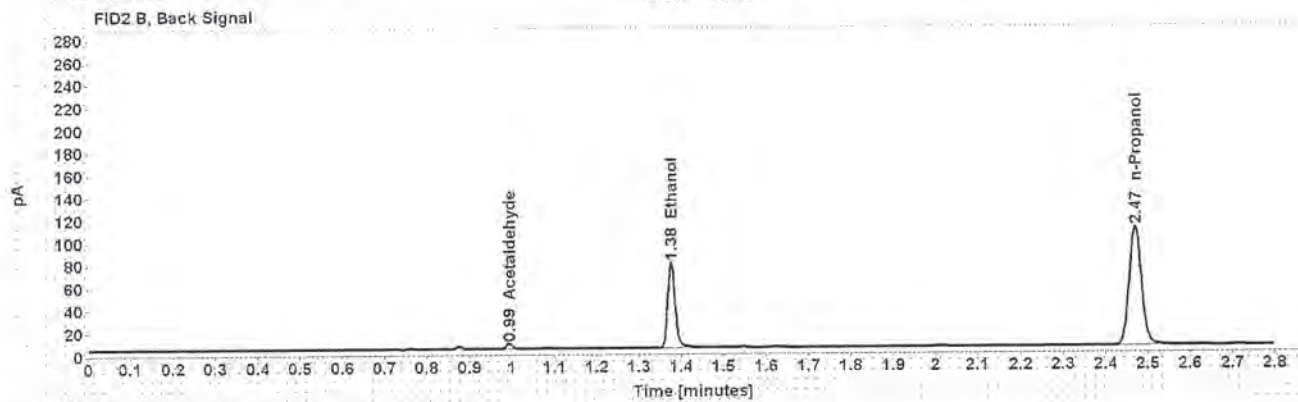
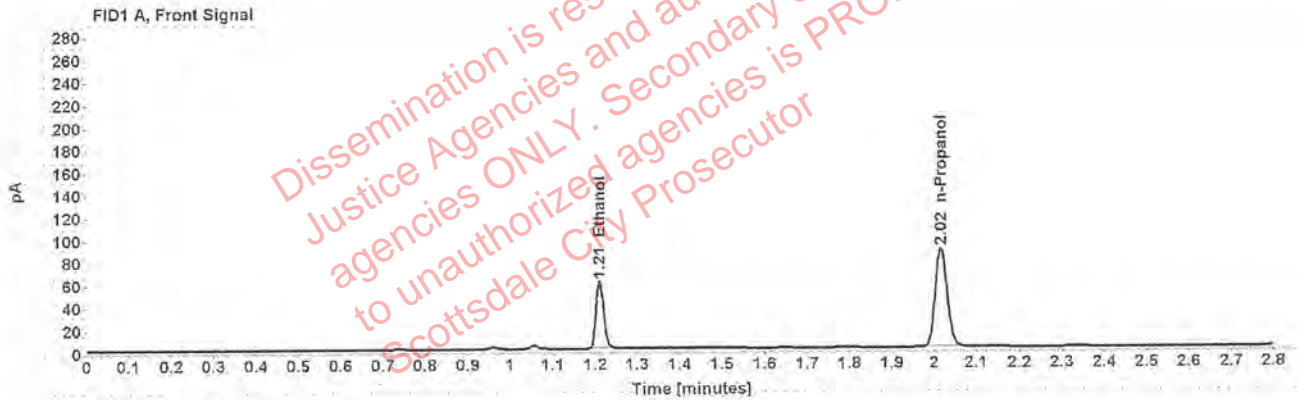


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1195	1.211	76.867
n-Propanol	-----	2.017	174.966

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.373
Ethanol	1.376	94.300
n-Propanol	2.469	214.715

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298784	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:53:30 AM
Data file:	C:\Chem32\1\Data\06May20\28.D	Analyst:	Canonico

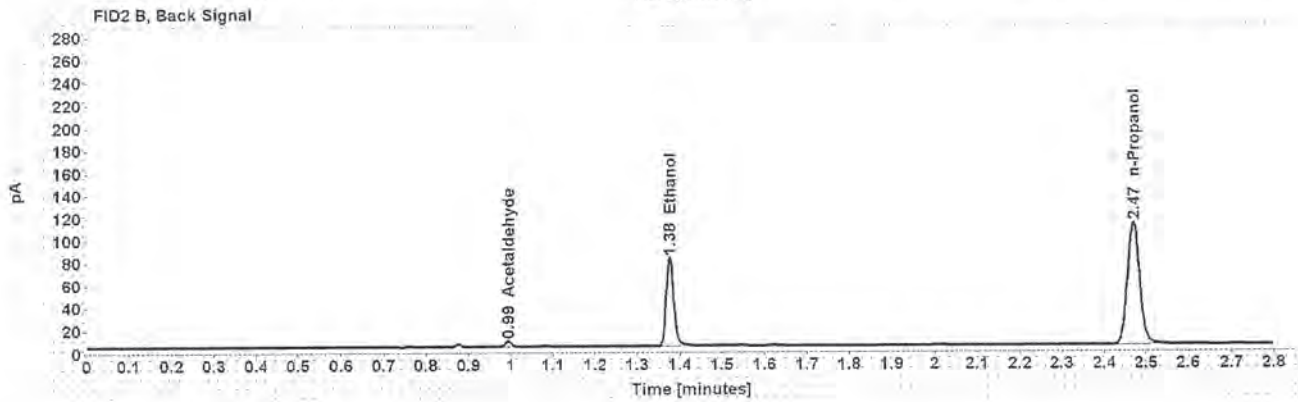
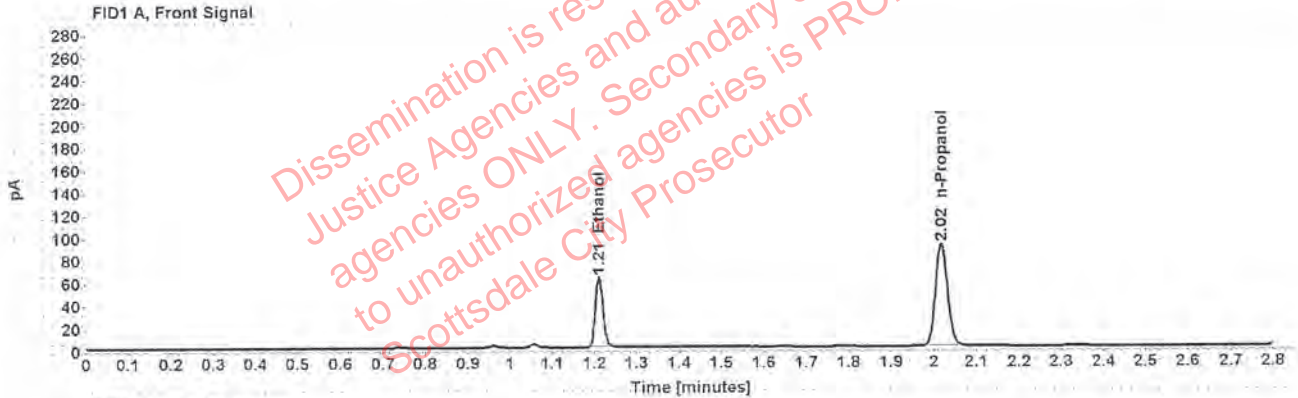


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1203	1.211	79.816
n-Propanol	-----	2.017	180.433

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.422
Ethanol	1.377	97.688
n-Propanol	2.470	221.551

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1318563	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 11:57:29 AM
Data file:	C:\Chem32\1\Data\06May20\29.D	Analyst:	Canonico

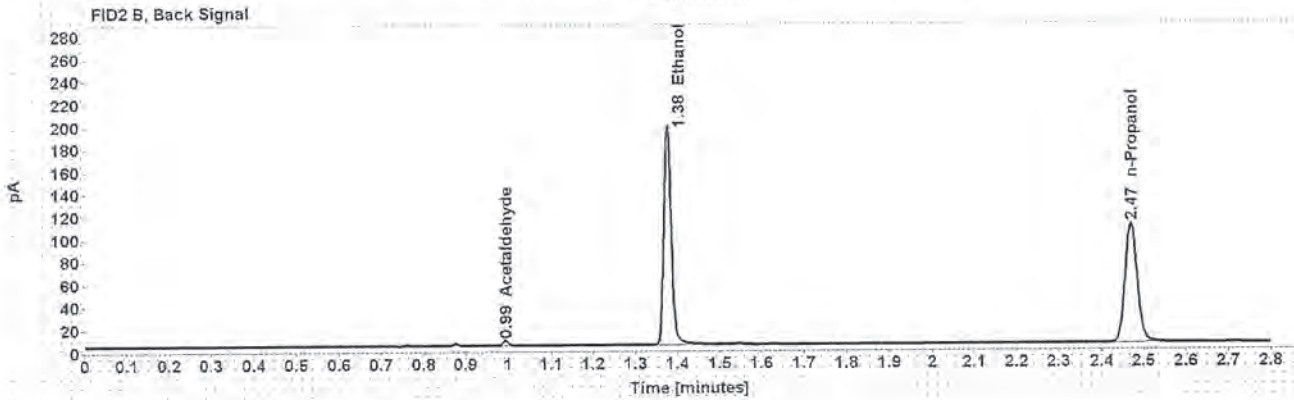
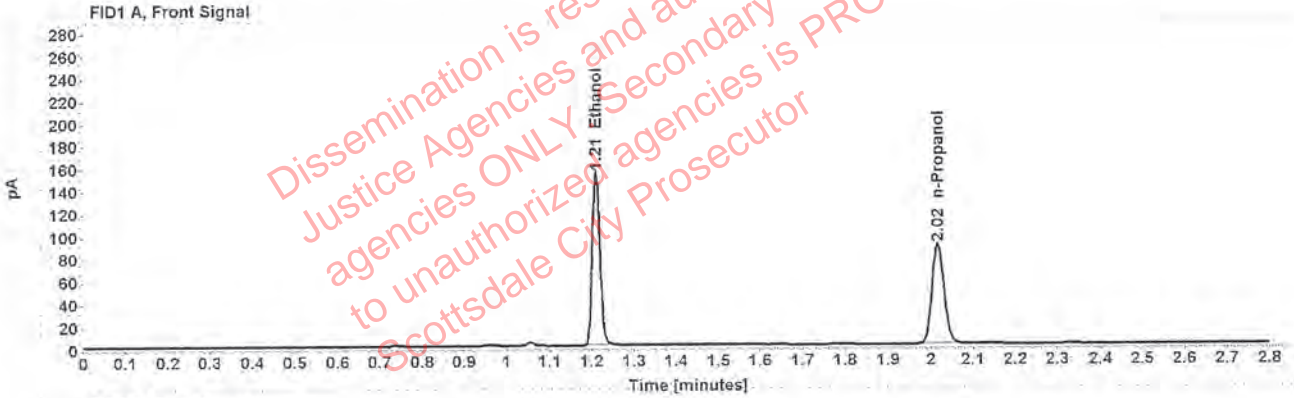


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2979	1.210	195.555
n-Propanol	-----	2.017	176.090

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.947
Ethanol	1.376	241.787
n-Propanol	2.469	215.317



Case: ser: ecanonico 5/6/2020

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1318563	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:01:30 PM
Data file:	C:\Chem32\1\Data\06May20\30.D	Analyst:	Canonico

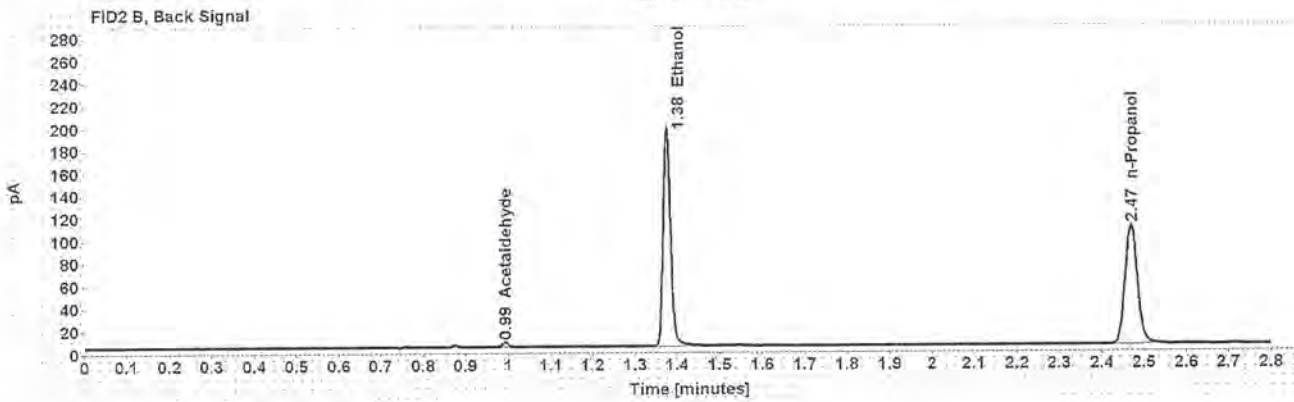
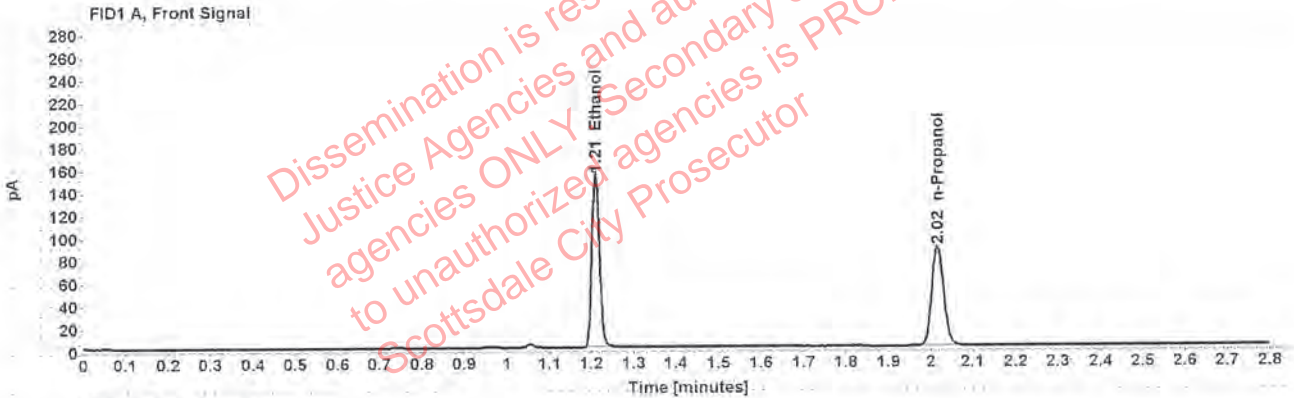


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2965	1.210	194.631
n-Propanol	-----	2.016	176.148

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.967
Ethanol	1.375	240.938
n-Propanol	2.469	215.362

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801FJ	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:09:44 PM
Data file:	C:\Chem32\1\Data\06May20\32.D	Analyst:	Canonico

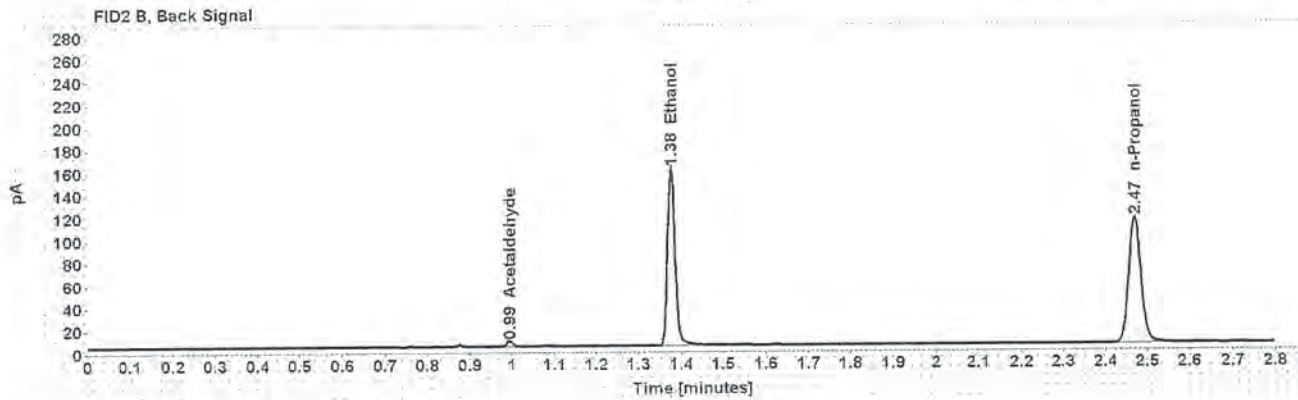
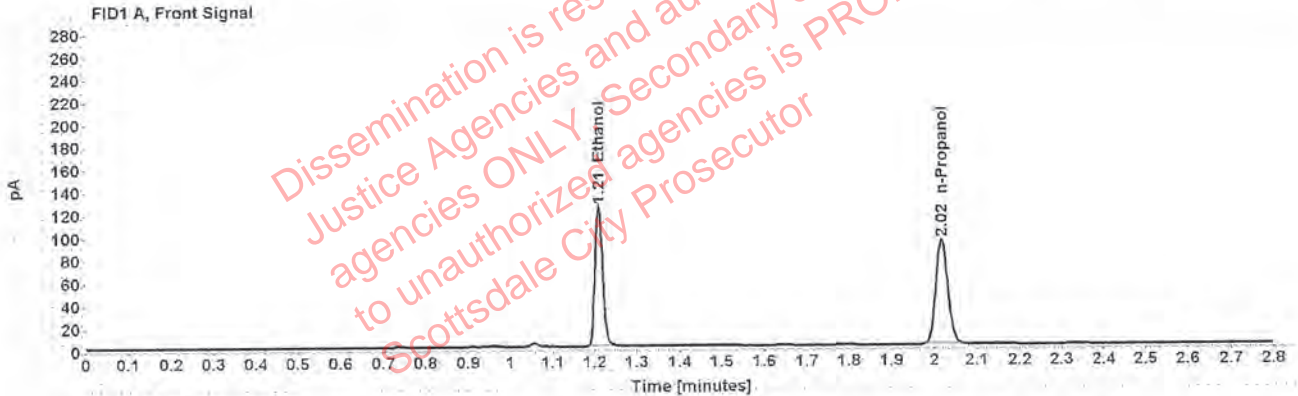


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2308	1.210	158.747
n-Propanol	-----	2.017	185.046

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.317
Ethanol	1.376	196.228
n-Propanol	2.470	226.844

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801FJ	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:13:45 PM
Data file:	C:\Chem32\1\Data\06May20\33.D	Analyst:	Canonico

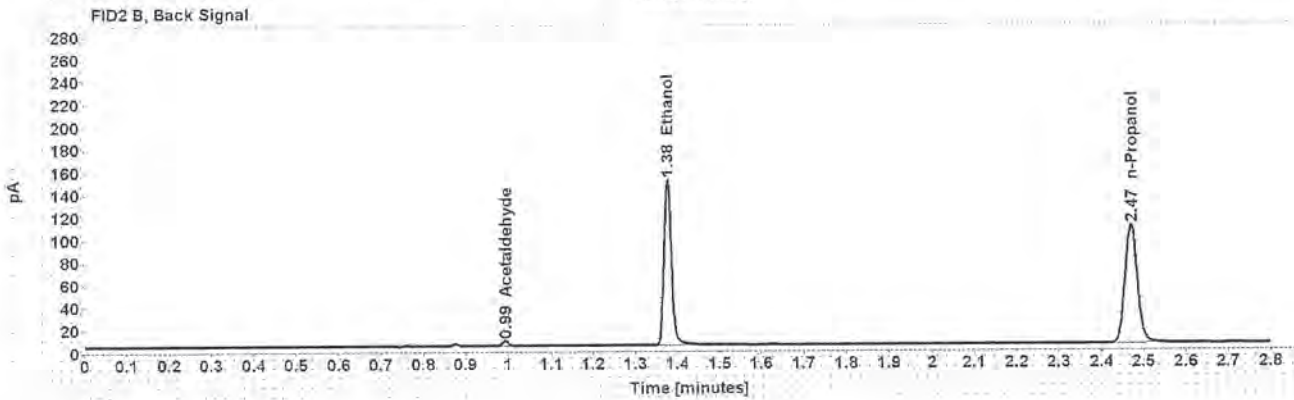
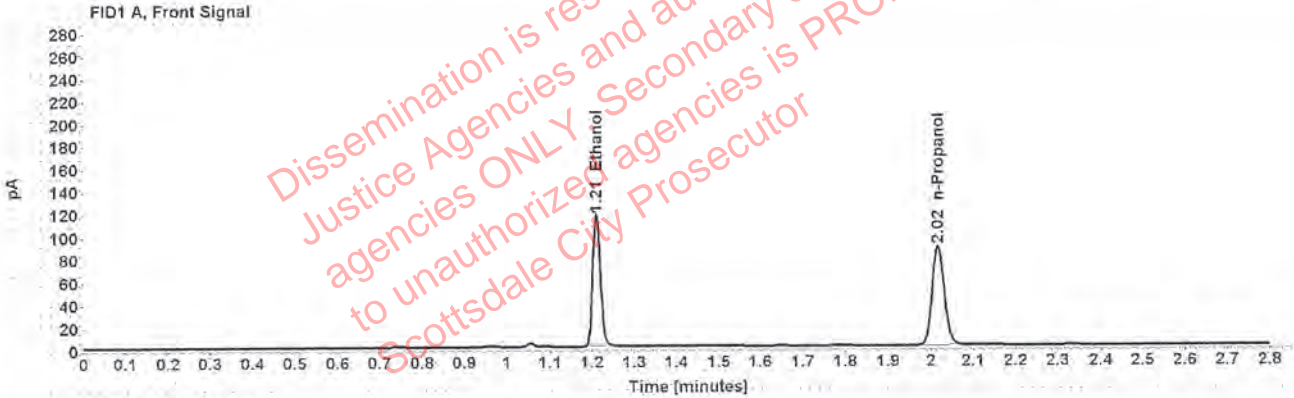


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2289	1.210	148.475
n-Propanol	-----	2.017	174.495

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.103
Ethanol	1.376	183.522
n-Propanol	2.470	213.703



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1319056	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:17:45 PM
Data file:	C:\Chem32\1\Data\06May20\34.D	Analyst:	Canonico

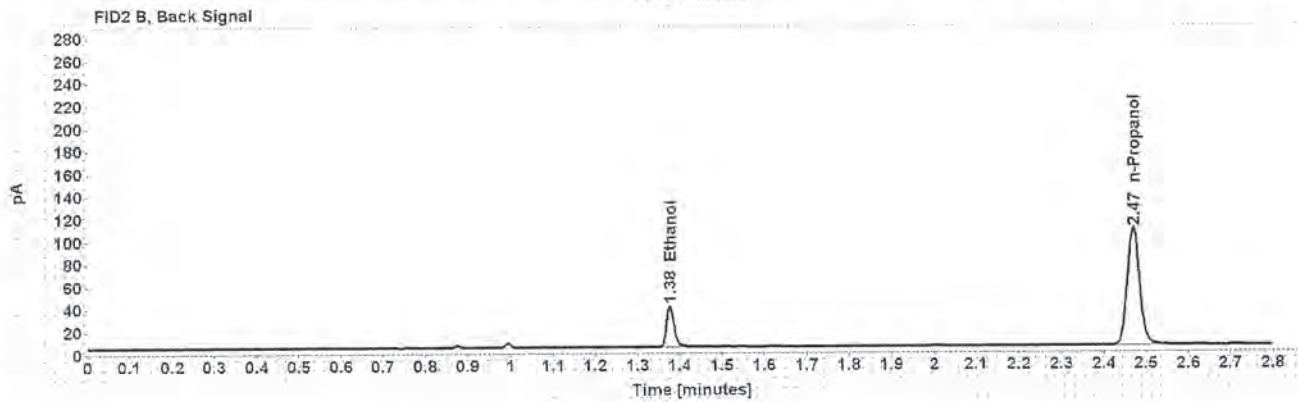
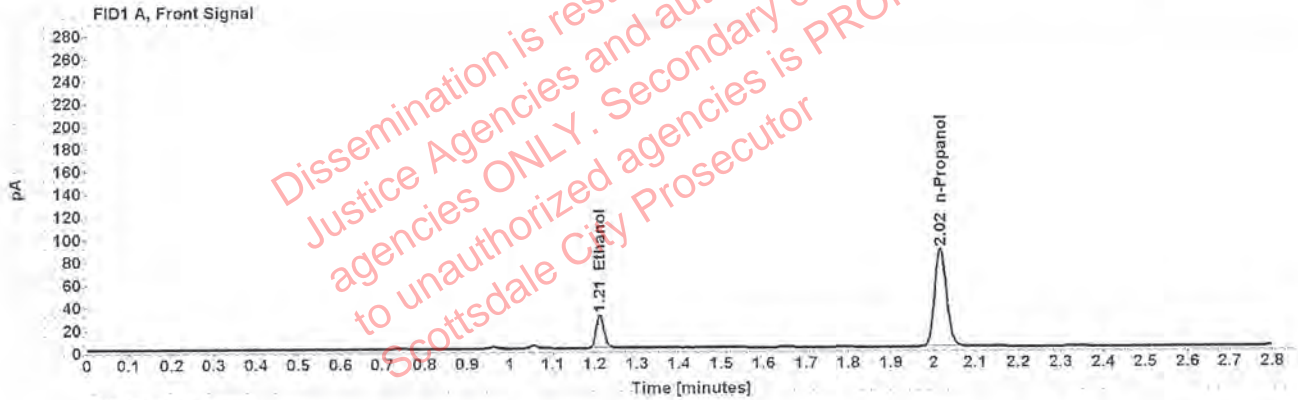


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0603	1.212	37.524
n-Propanol	-----	2.017	173.262

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

Compound	Time (min)	Peak Area
Ethanol	1.377	45.904
n-Propanol	2.469	212.475

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1319056	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:21:44 PM
Data file:	C:\Chem32\1\Data\06May20\35.D	Analyst:	Canonico

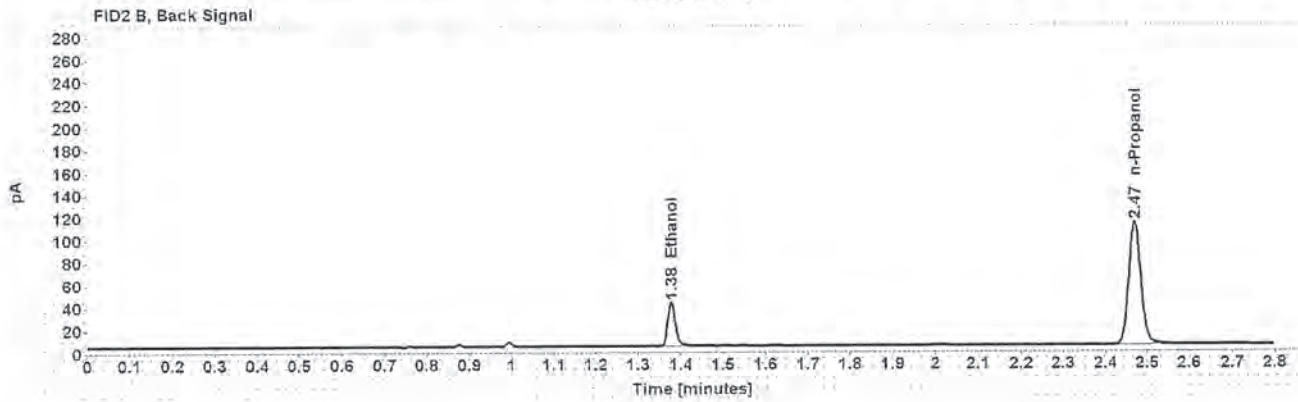
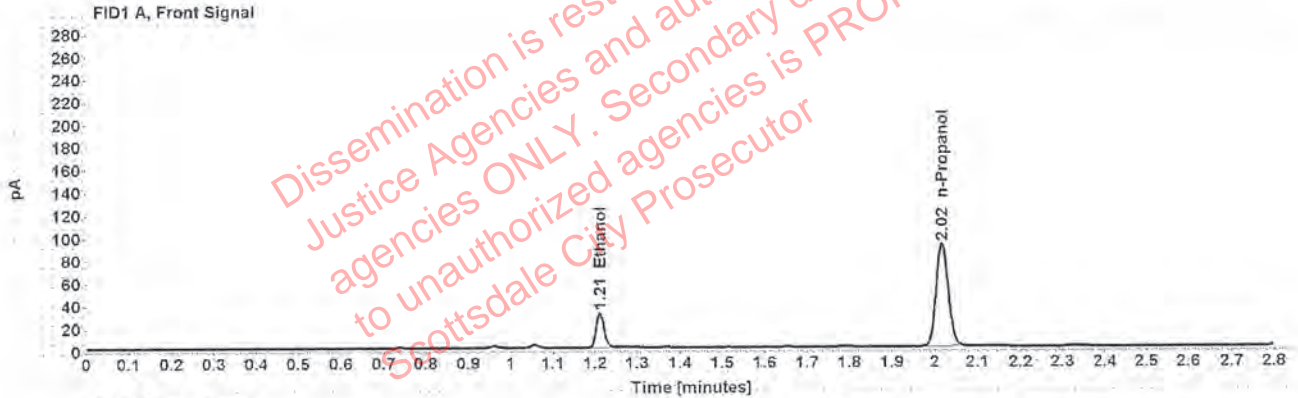


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0609	1.212	39.747
n-Propanol	---	2.017	181.404

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

Compound	Time (min)	Peak Area
Ethanol	1.377	48.407
n-Propanol	2.470	222.449

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	216	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:25:45 PM
Data file:	C:\Chem32\1\Data\06May20\36.D	Analyst:	Canonico

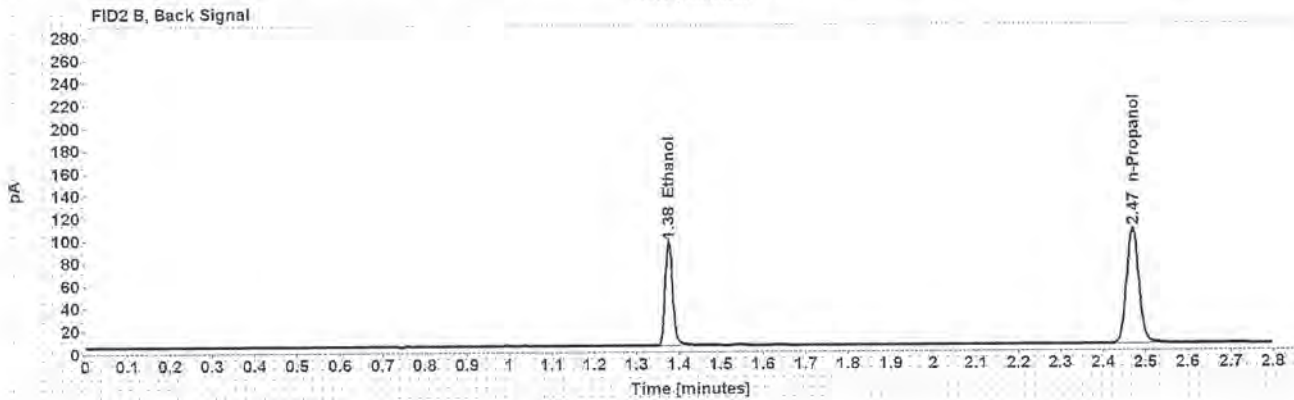
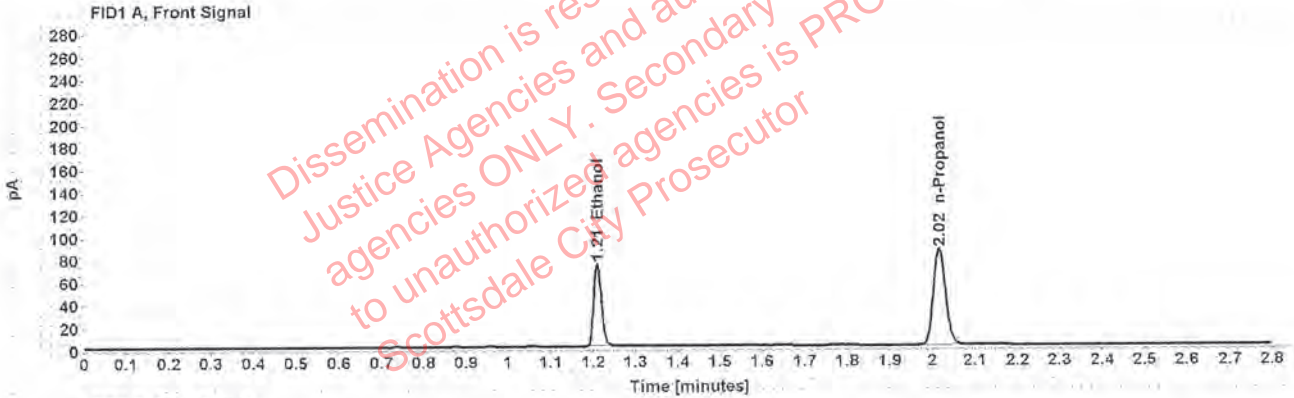


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1481	1.210	93.678
n-Propanol	-----	2.016	171.225

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

Compound	Time (min)	Peak Area
Ethanol	1.375	114.709
n-Propanol	2.468	209.533



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	216	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:30:00 PM
Data file:	C:\Chem32\1\Data\06May20\37.D	Analyst:	Canonico

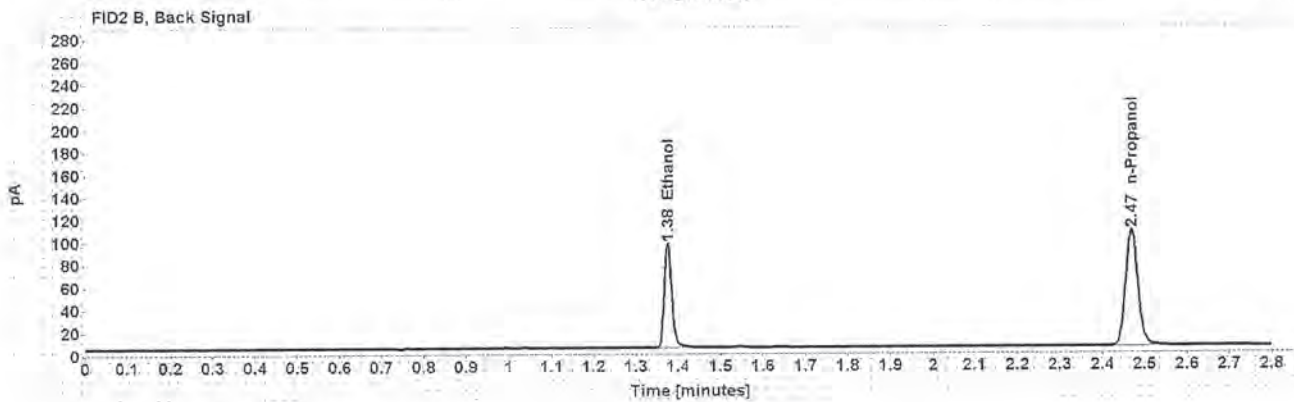
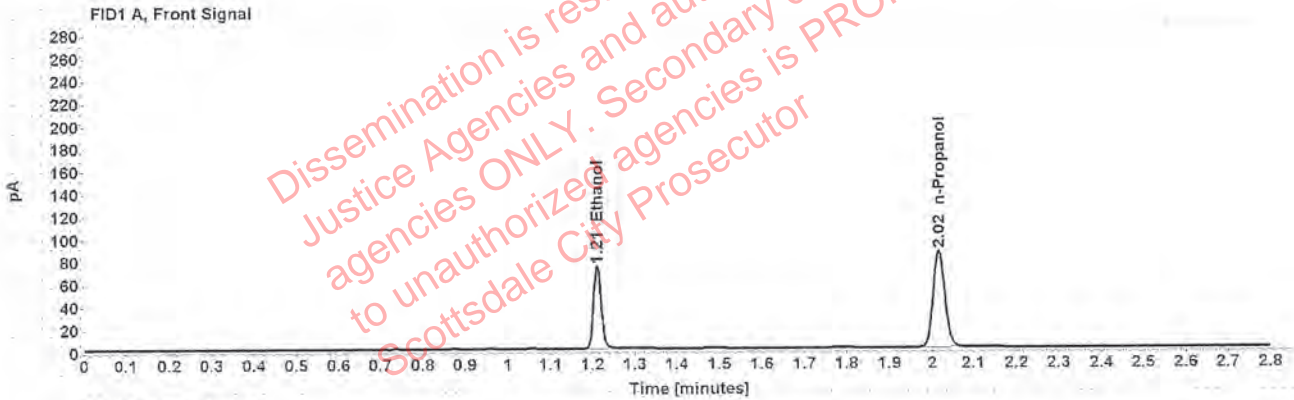


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1487	1.210	94.090
n-Propanol	-----	2.016	171.333

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

Compound	Time (min)	Peak Area
Ethanol	1.376	115.201
n-Propanol	2.469	209.487

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	129	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:34:00 PM
Data file:	C:\Chem32\1\Data\06May20\38.D	Analyst:	Canonico

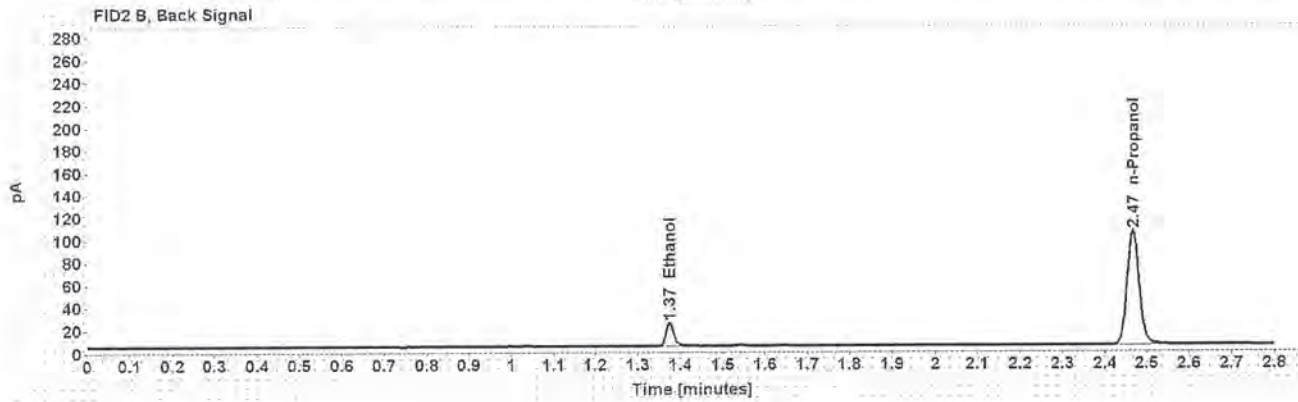


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0366	1.211	21.520
n-Propanol	-----	2.015	168.585

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

Compound	Time (min)	Peak Area
Ethanol	1.374	26.316
n-Propanol	2.467	206.231

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	129	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:37:59 PM
Data file:	C:\Chem32\1\Data\06May20\39.D	Analyst:	Canonico

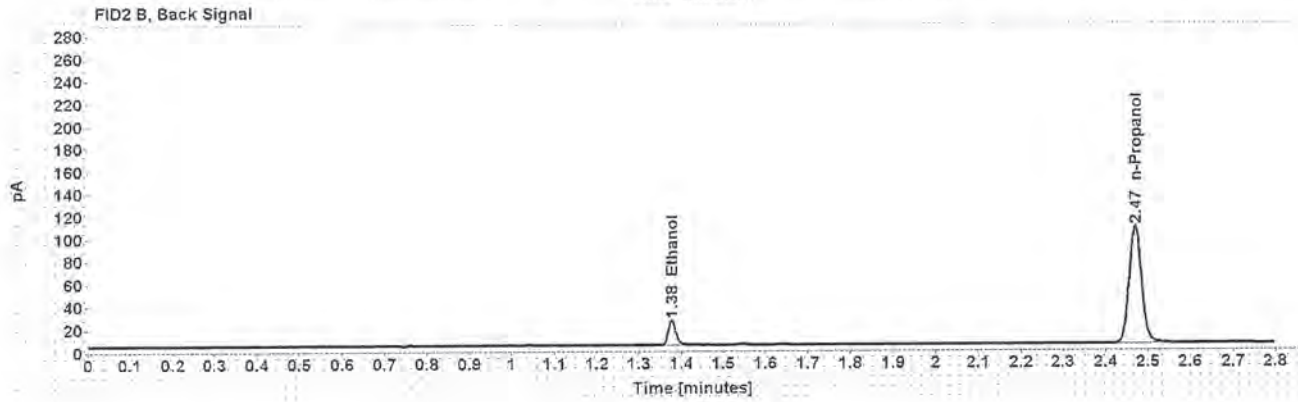
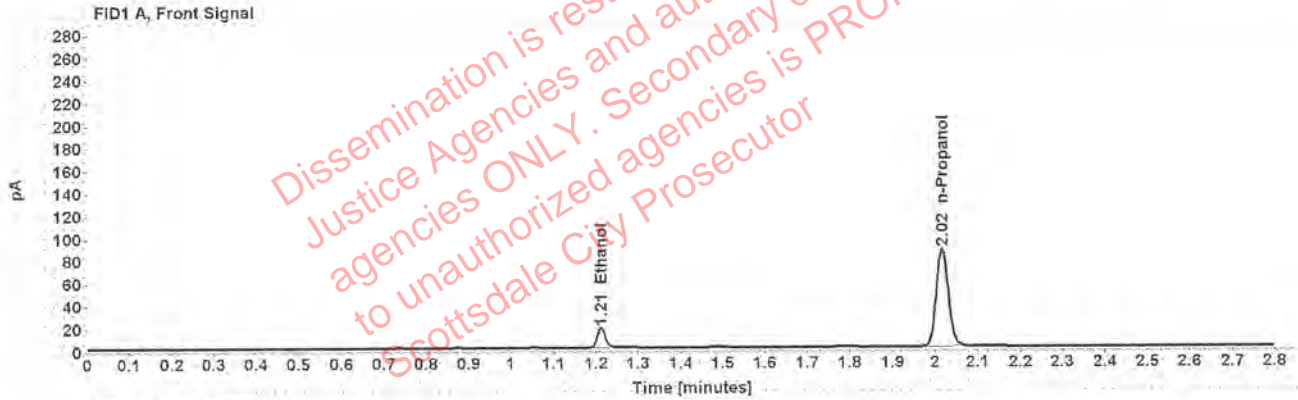


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0372	1.212	22.497
n-Propanol	-----	2.017	173.139

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

Compound	Time (min)	Peak Area
Ethanol	1.377	27.353
n-Propanol	2.469	211.751



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 166	Vial: 40
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 06May20
Instrument: US14173023 CN14160045	Injection date: 5/6/2020 12:42:00 PM
Data file: C:\Chem321\Data\06May20\40.D	Analyst: Canonico

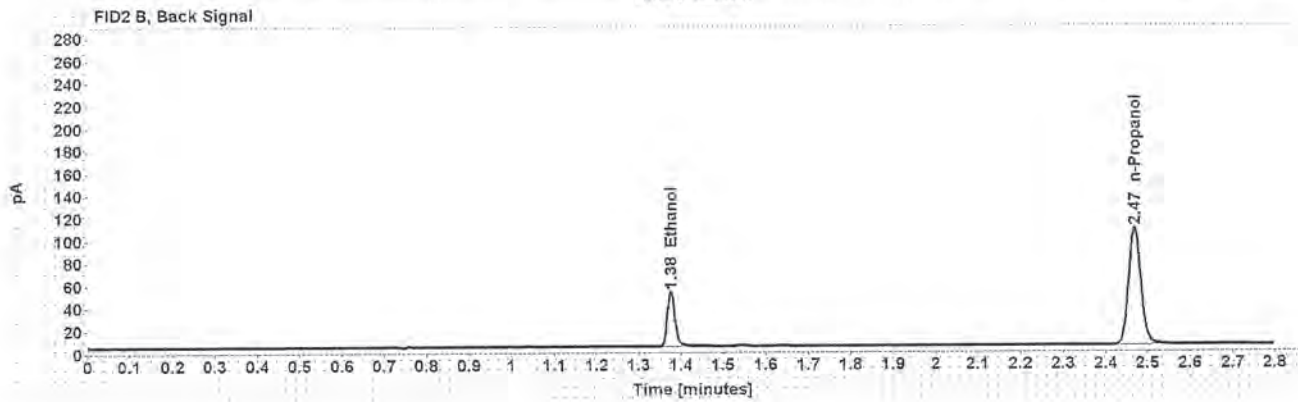
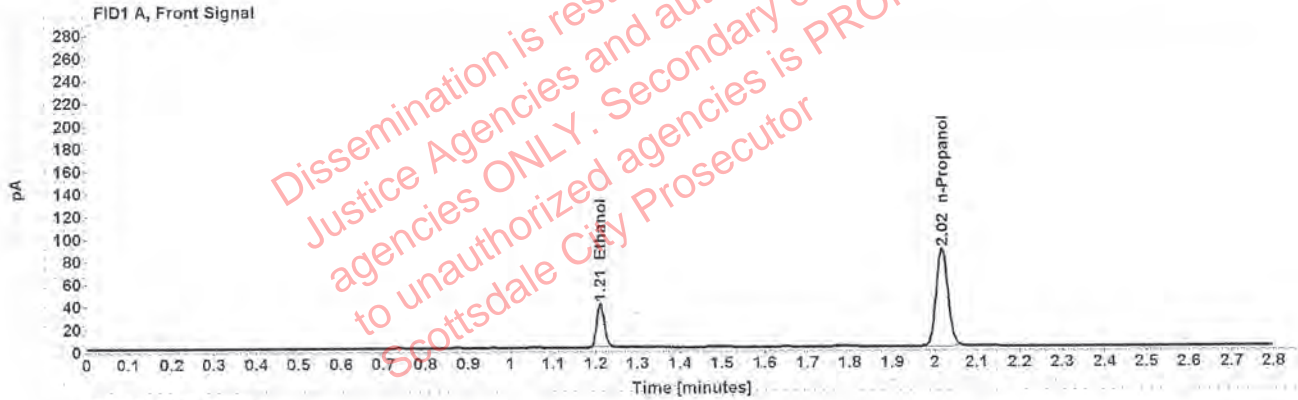


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0791	1.211	49.805
n-Propanol	-----	2.016	173.293

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

Compound	Time (min)	Peak Area
Ethanol	1.376	60.959
n-Propanol	2.469	212.063

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	166	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:46:00 PM
Data file:	C:\Chem321\Data\06May20\41.D	Analyst:	Canonico

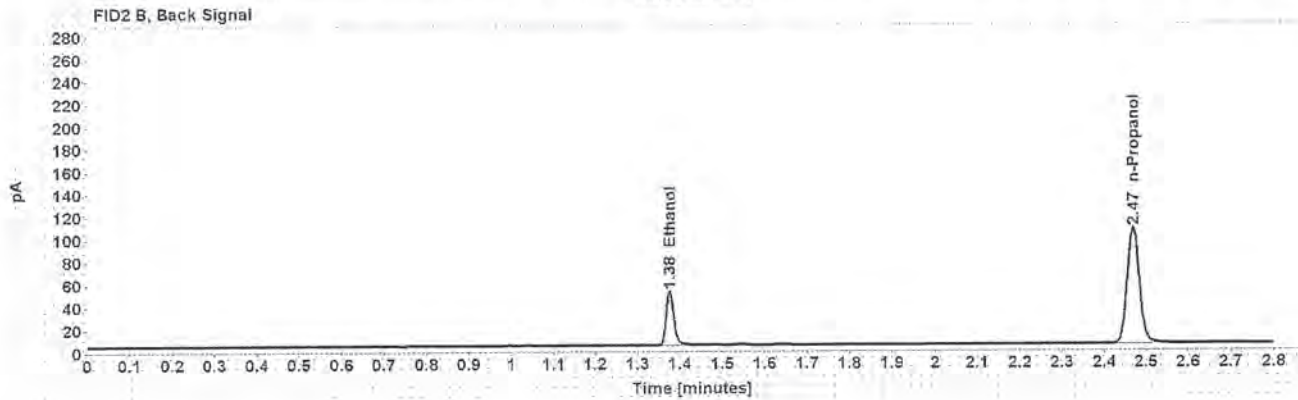
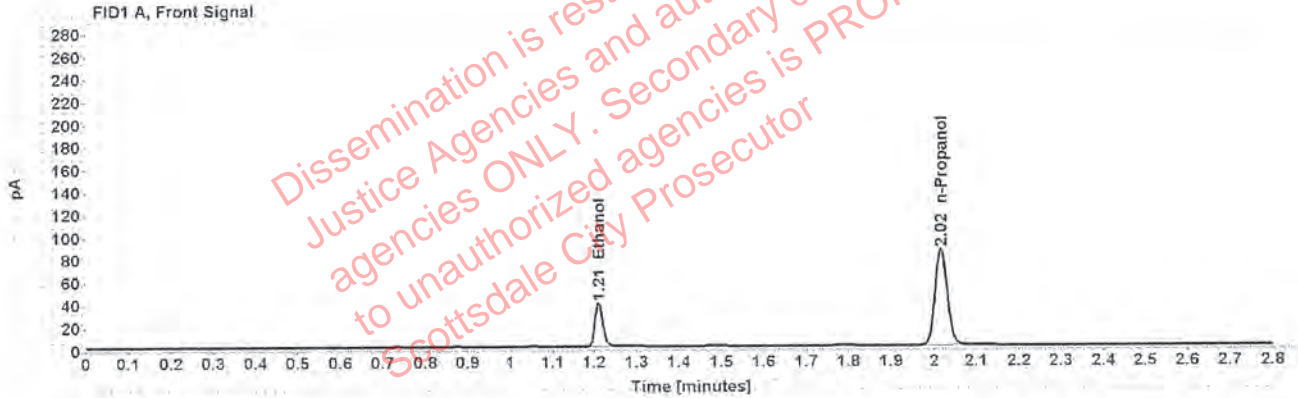


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0792	1.211	49.254
n-Propanol	-----	2.016	171.213

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

Compound	Time (min)	Peak Area
Ethanol	1.376	60.312
n-Propanol	2.469	209.852

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	267	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:54:14 PM
Data file:	C:\Chem32\1\Data\06May20\43.D	Analyst:	Canonico

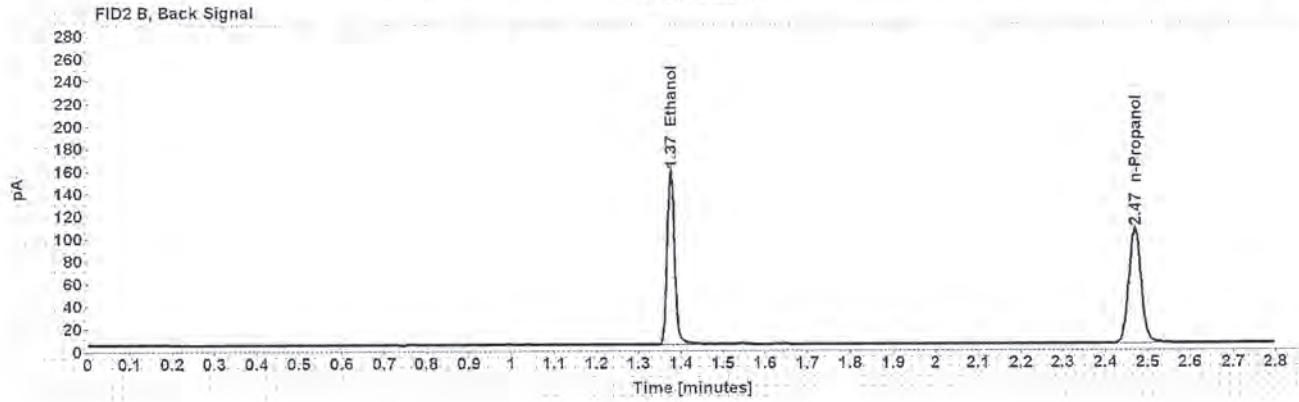
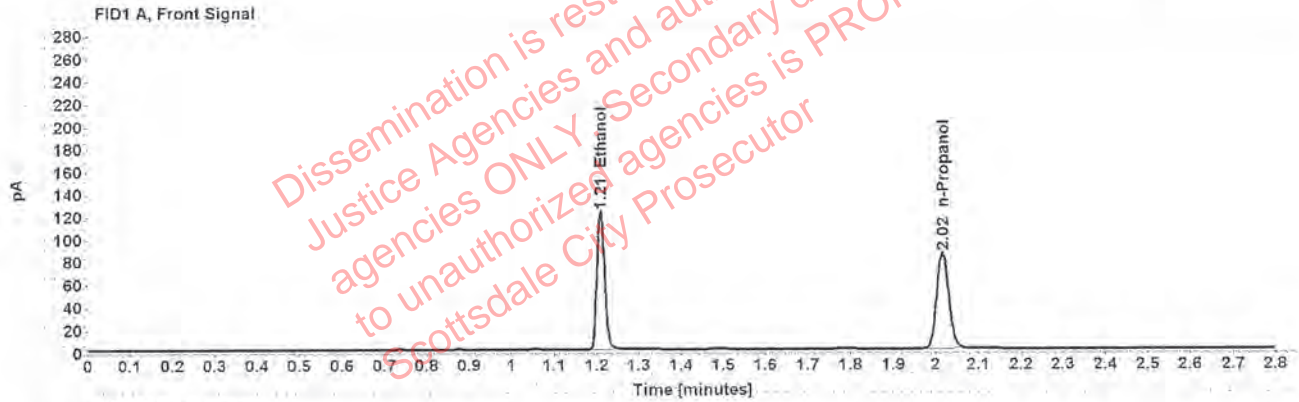


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2464	1.210	155.541
n-Propanol	-----	2.016	169.672

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

Compound	Time (min)	Peak Area
Ethanol	1.375	193.757
n-Propanol	2.468	207.935



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	267	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	06May20
Instrument:	US14173023 CN14160045	Injection date:	5/6/2020 12:58:15 PM
Data file:	C:\Chem32\1\Data\06May20\44.D	Analyst:	Canonico

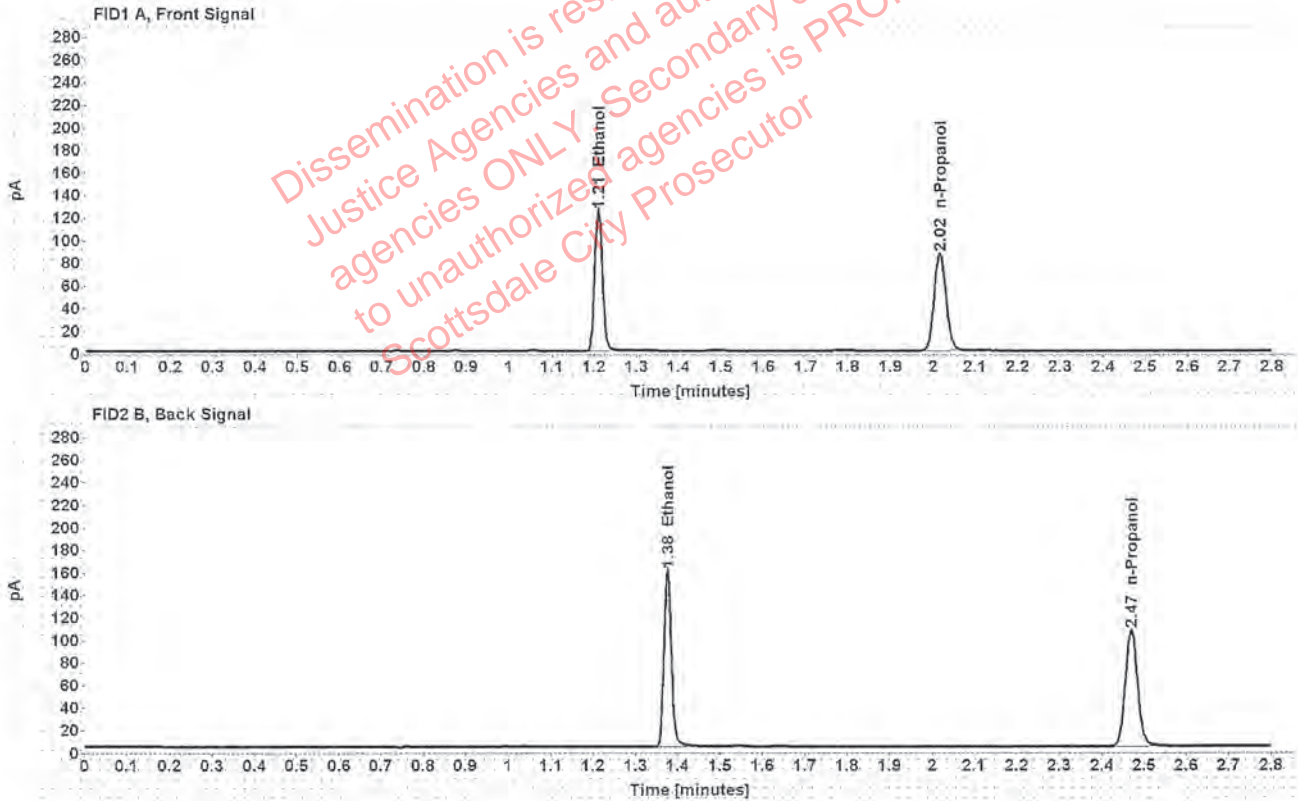


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2474	1.210	158.283
n-Propanol	-----	2.016	171.980

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

Compound	Time (min)	Peak Area
Ethanol	1.375	196.230
n-Propanol	2.469	210.807