

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/11/2020 SEQUENCE NAME 11Mar20

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN02271802 0.99993
 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 121219
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	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 14082019-C
42	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
44	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
45	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: For DR [REDACTED] the item number was hand changed to 1312469.

Run valid Run invalid Erika Canonic Analyst
 Run valid Run invalid _____ Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 11Mar20

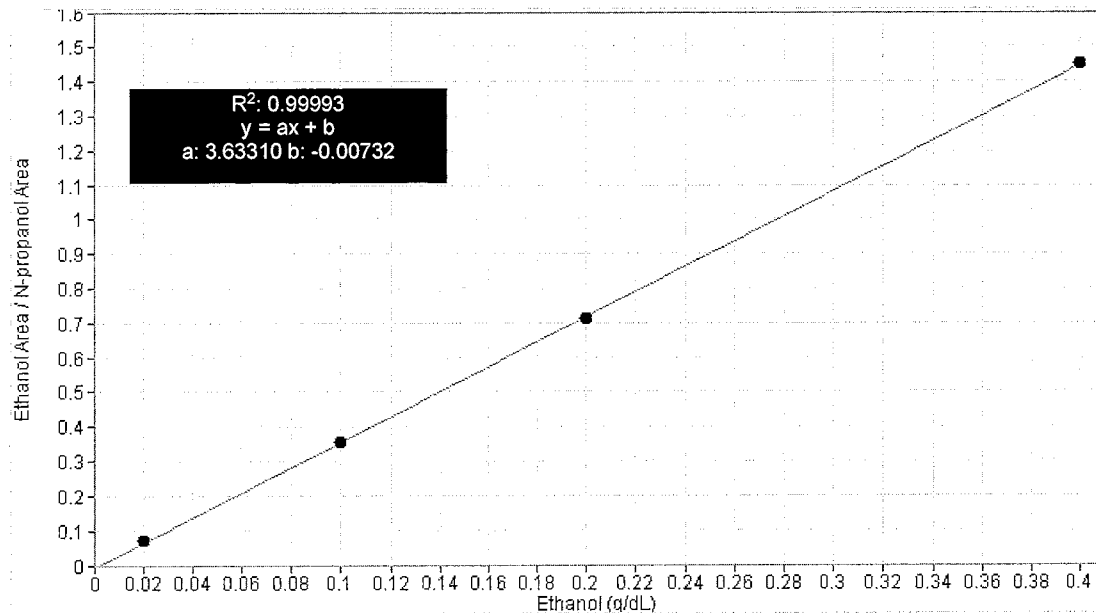
ANALYST: Canonico

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Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 121219	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
0.150 14082019-C	31	0.150	0.150	0.00	0.000
0.400 11092018-A	42	0.399	0.400	0.25	-0.001
0.040 14082019-B	43	0.042	0.040	5.00	0.002
0.198 407041529/13	44	0.200	0.198	1.01	0.002
blank 040919WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.136	175.100	0.069
0.100	62.105	174.765	0.355
0.200	121.417	170.363	0.713
0.400	244.974	169.043	1.449

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03241604	Vial: 1
Description: 0.020 calibrator	Sequence: 11Mar20
Method: ethanol quant.M	Injection date: 3/11/2020 1:16:17 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\11Mar20\1.D	

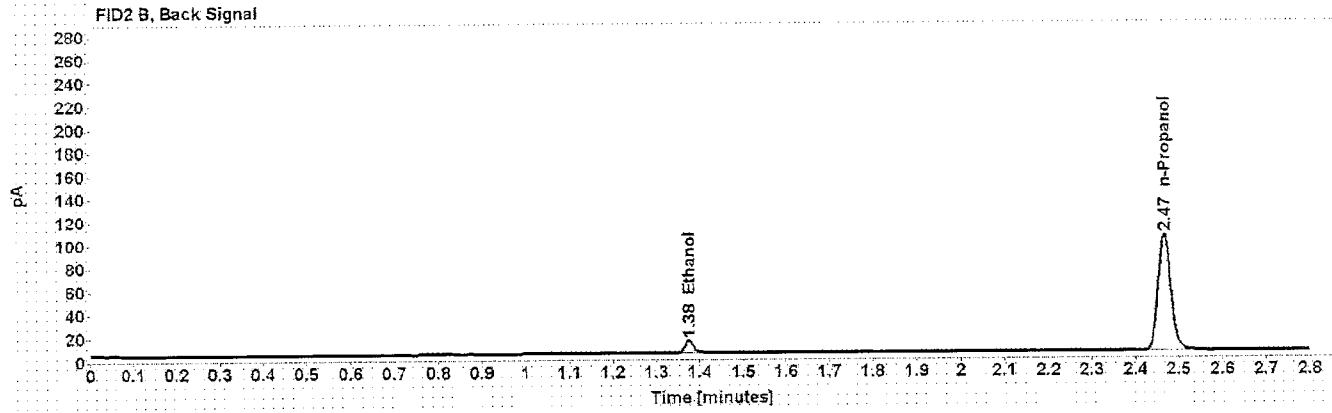
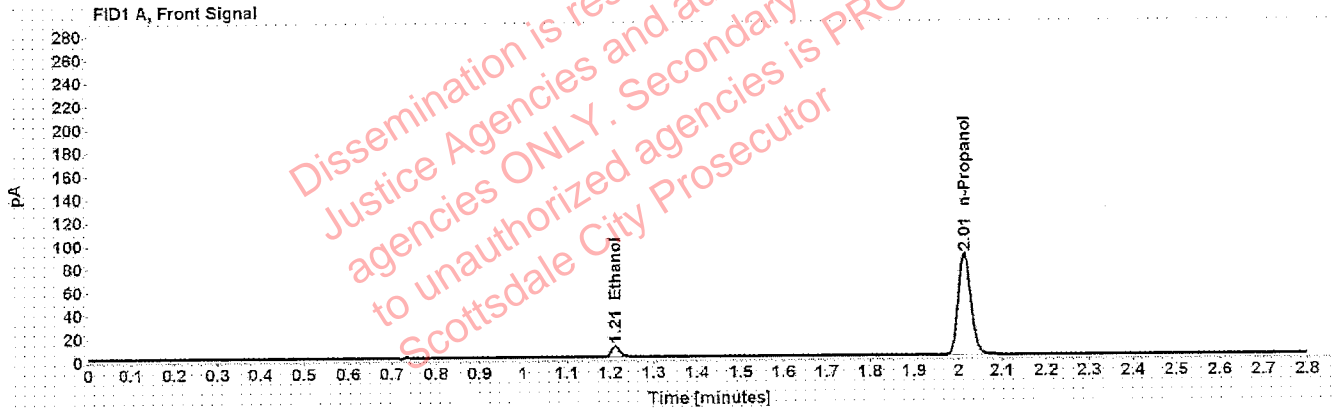


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	12.136
n-Propanol	2.014	175.100

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

Compound	Time (min)	Peak Area
Ethanol	1.375	14.606
n-Propanol	2.467	206.221

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 11Mar20
Method: ethanol quant.M	Injection date: 3/11/2020 1:20:18 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\11Mar20\2.D	

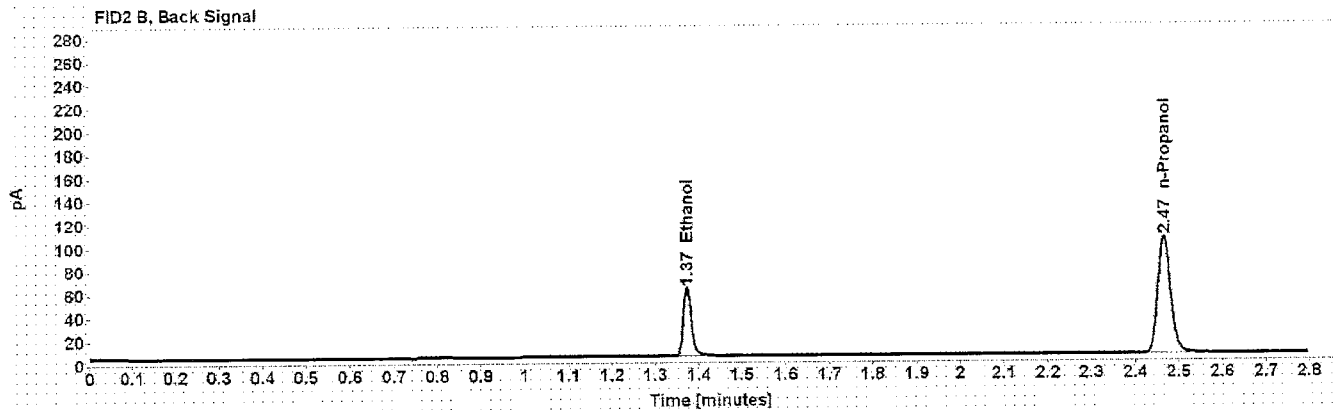
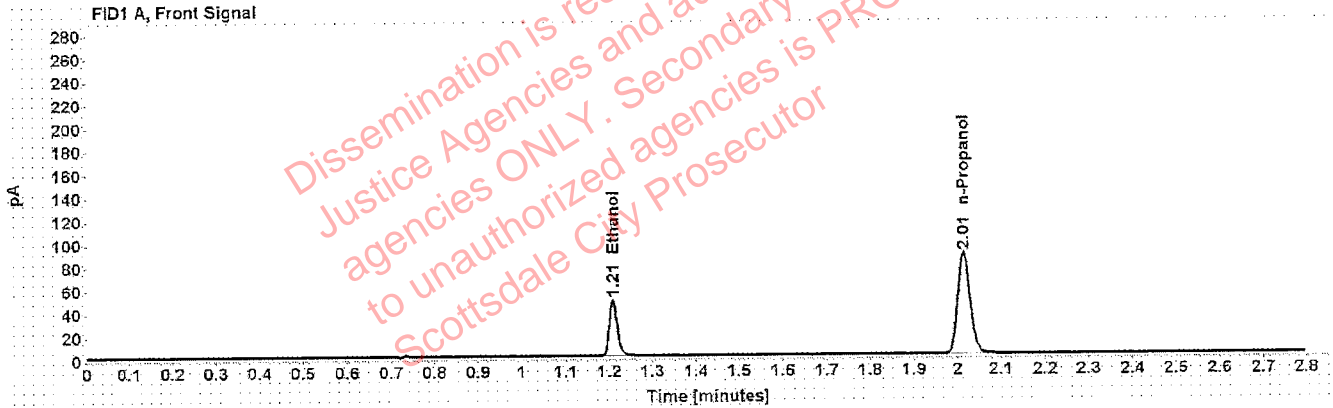


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	62.105
n-Propanol	2.014	174.765

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

Compound	Time (min)	Peak Area
Ethanol	1.373	75.347
n-Propanol	2.466	206.872

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06231704	Vial: 3
Description: 0.200 calibrator	Sequence: 11Mar20
Method: ethanol quant.M	Injection date: 3/11/2020 1:24:17 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Chem32\1\Data\11Mar20\3.D	

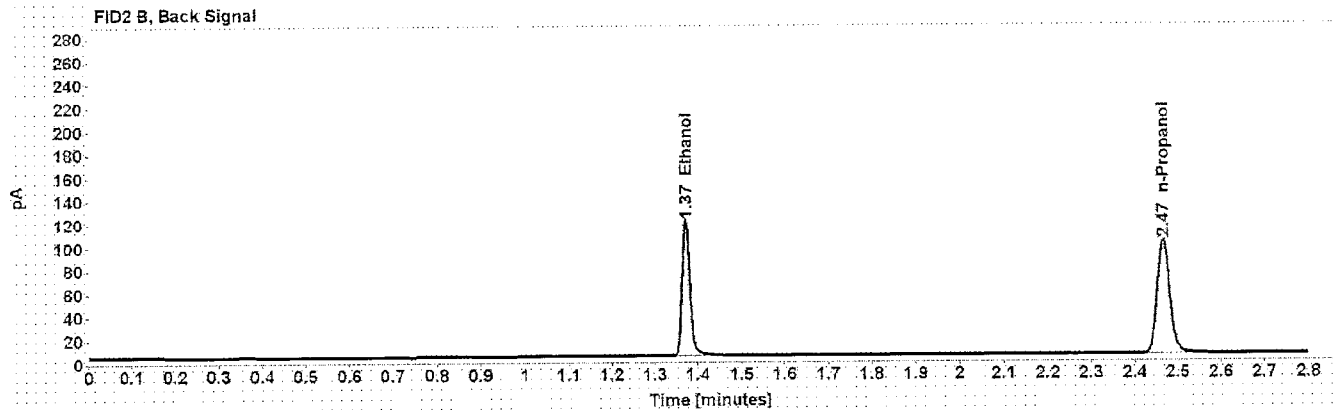
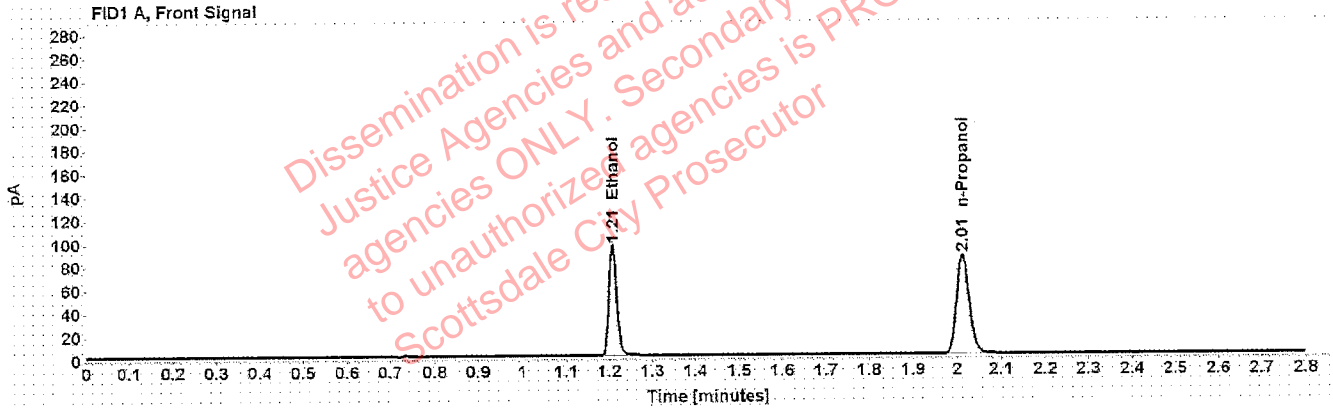


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	121.417
n-Propanol	2.014	170.363

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

Compound	Time (min)	Peak Area
Ethanol	1.372	148.563
n-Propanol	2.466	202.004

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 11Mar20
Method: ethanol quant.M	Injection date: 3/11/2020 1:28:17 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\11Mar20\4.D	

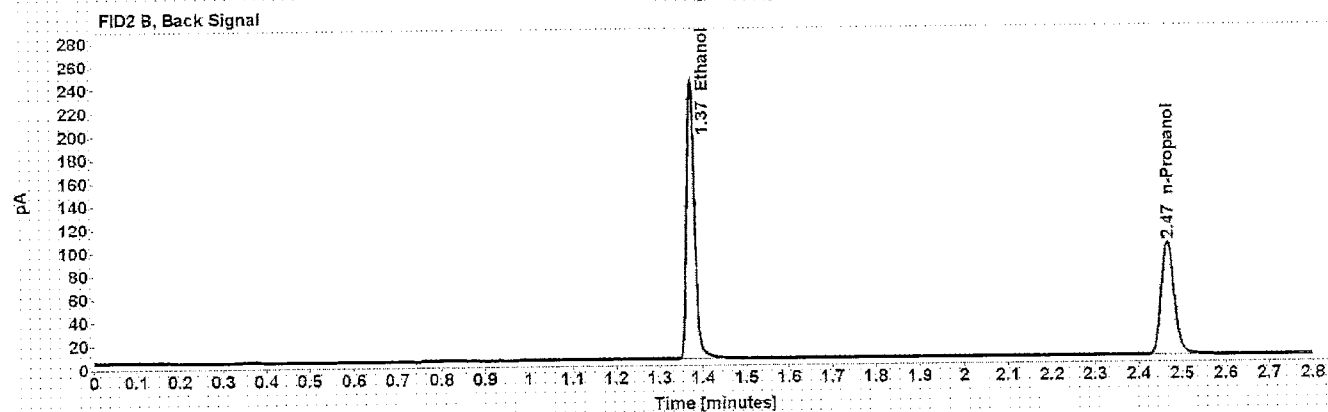
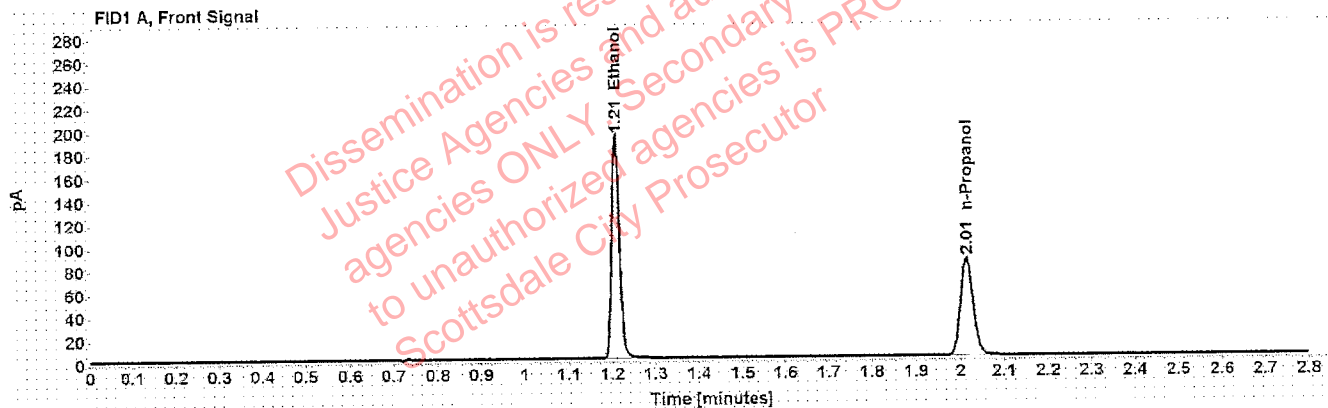


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	244.974
n-Propanol	2.014	169.043

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

Compound	Time (min)	Peak Area
Ethanol	1.373	299.983
n-Propanol	2.467	201.244

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	121219	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 1:32:17 PM
Data file:	C:\Chem32\1\Data\11Mar20\5.D	Analyst:	Canonico <i>ec</i>

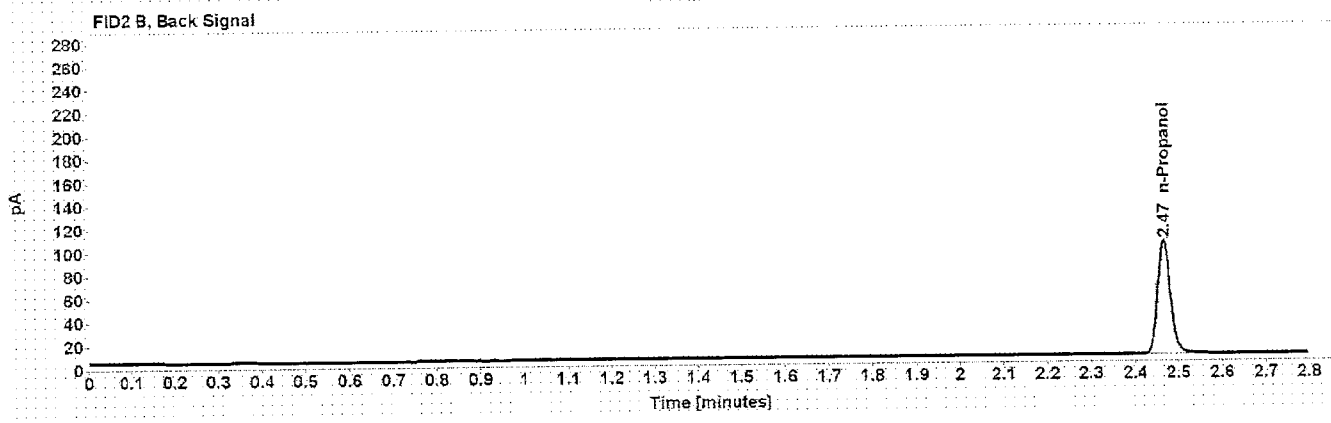
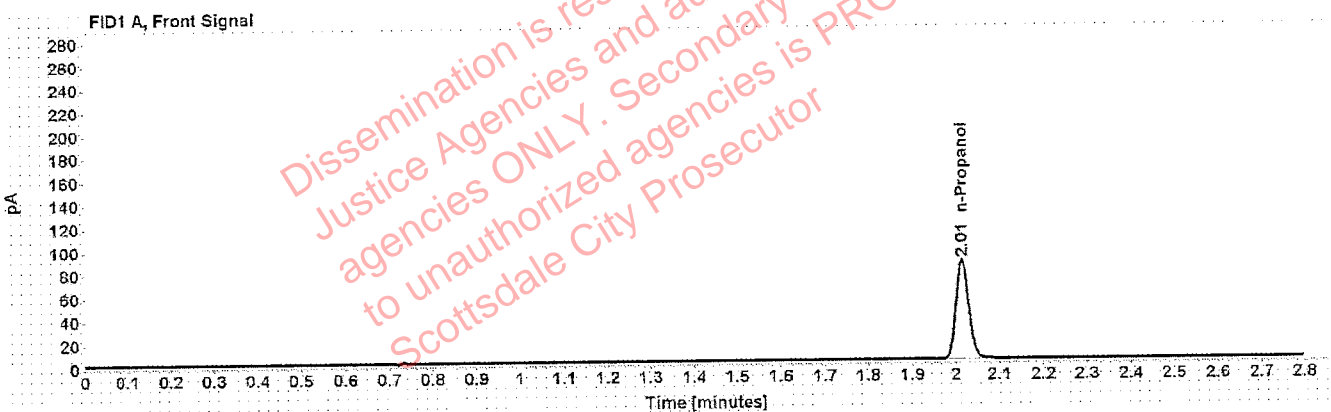


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	170.766

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

Compound	Time (min)	Peak Area
n-Propanol	2.466	202.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 1:36:17 PM
Data file:	C:\Chem32\1\Data\11Mar20\6.D	Analyst:	Canonico <i>EC</i>

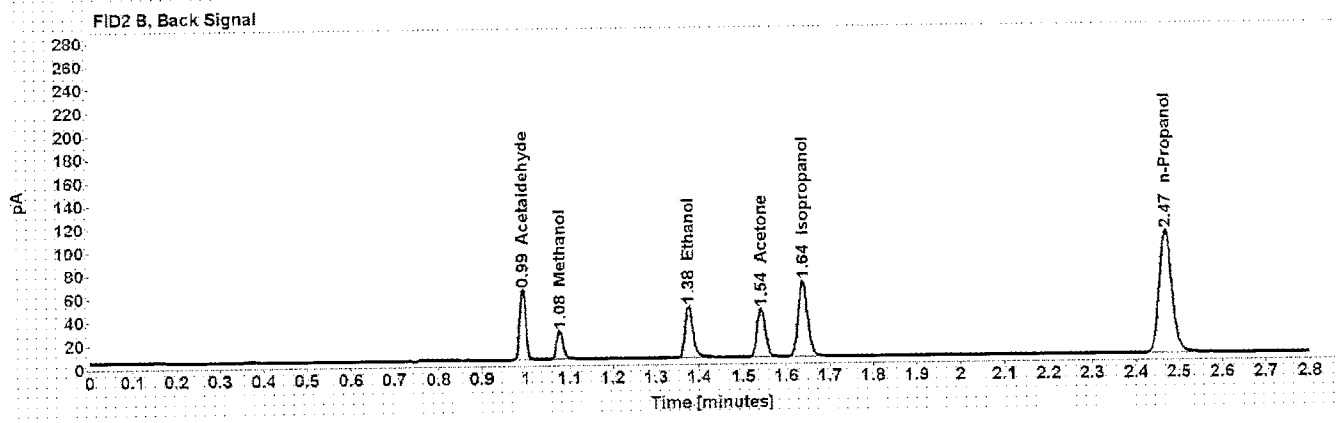
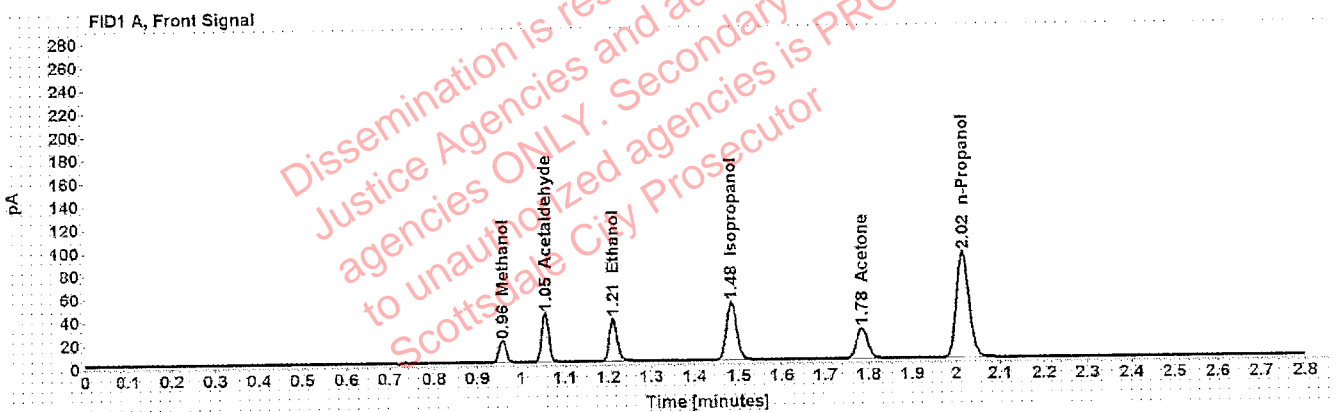


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	21.130
Acetaldehyde	-----	1.055	45.605
>Ethanol	0.0726	1.211	47.002
Isopropanol	-----	1.484	80.244
Acetone	-----	1.784	45.656
n-Propanol	-----	2.016	183.202

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	58.901
Methanol	1.078	26.709
Ethanol	1.376	56.797
Acetone	1.542	54.508
Isopropanol	1.638	99.552
n-Propanol	2.469	218.303

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 1:40:32 PM
Data file: C:\Chem32\1\Data\11Mar20\7.D	Analyst: Canonico <i>cc</i>

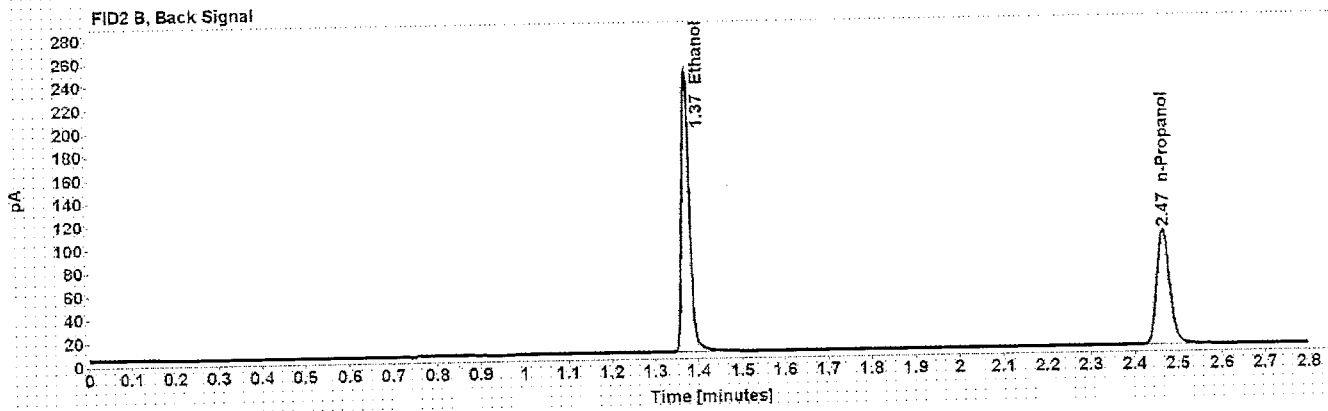
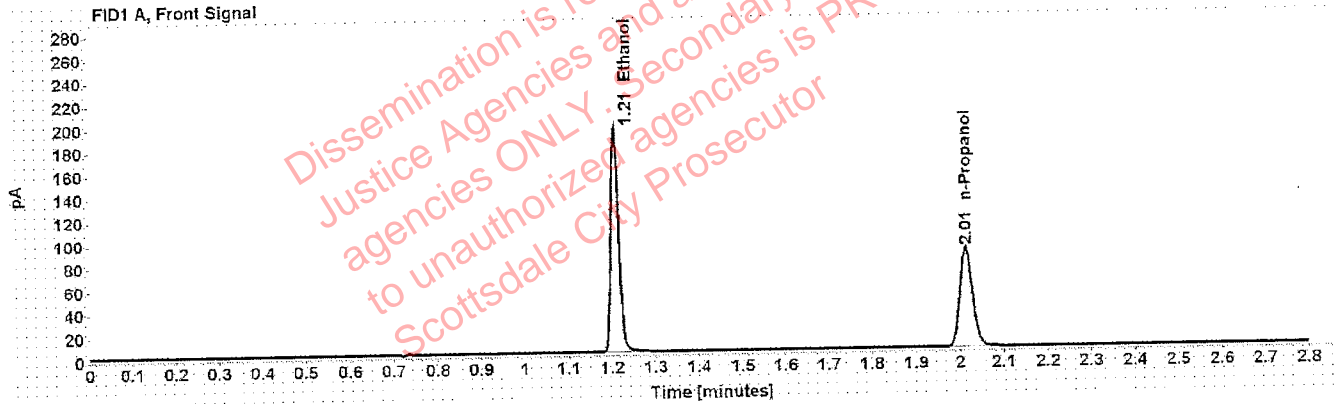


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3981	1.208	247.529
n-Propanol	-----	2.014	172.030

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

Compound	Time (min)	Peak Area
Ethanol	1.373	304.821
n-Propanol	2.467	204.780

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 1:44:32 PM
Data file: C:\Chem32\1\Data\11Mar20\8.D	Analyst: Canonico

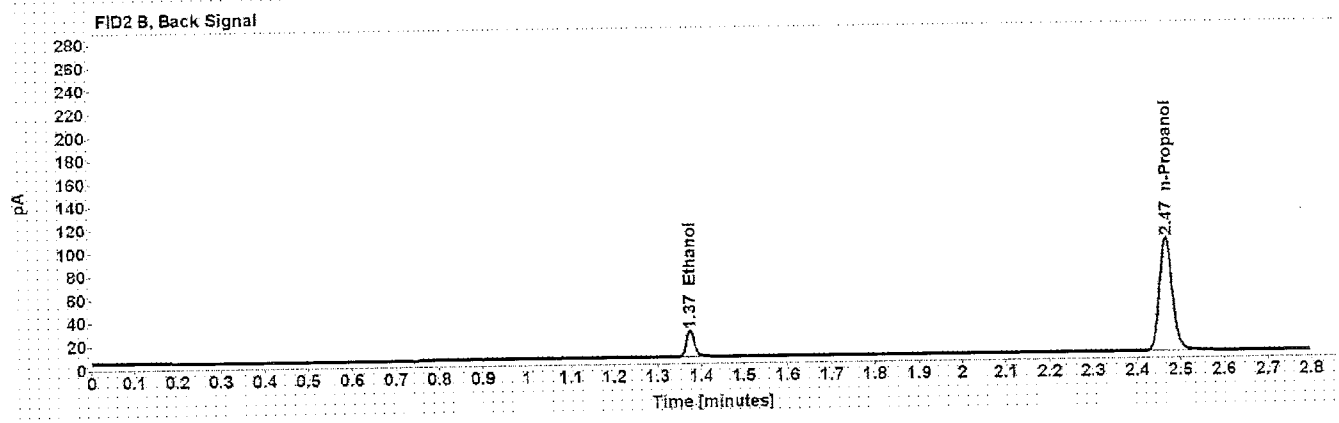
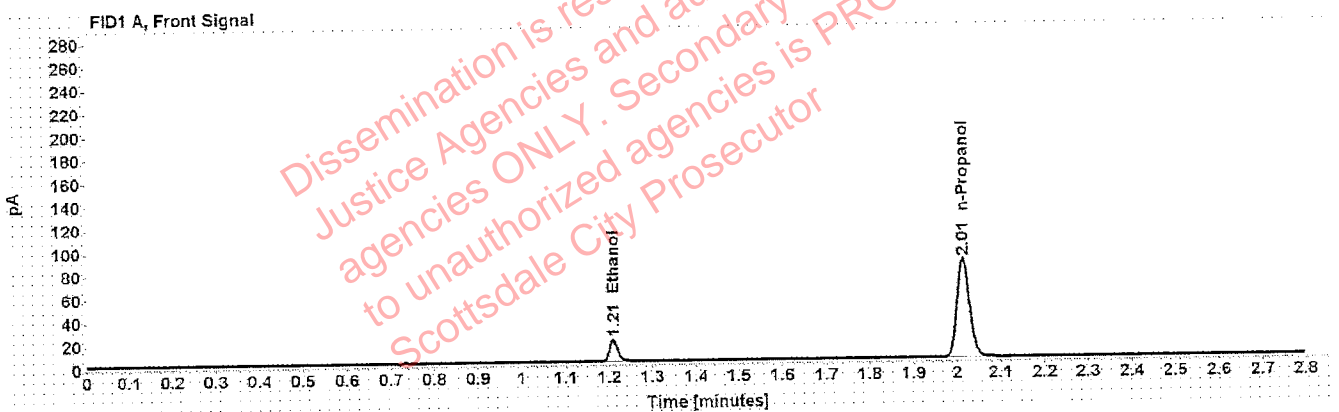


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.210	24.190
n-Propanol	-----	2.014	170.512

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

Compound	Time (min)	Peak Area
Ethanol	1.374	29.140
n-Propanol	2.466	202.276

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 1:48:32 PM
Data file: C:\Chem32\1\Data\11Mar20\9.D	Analyst: Canonico <i>EC</i>

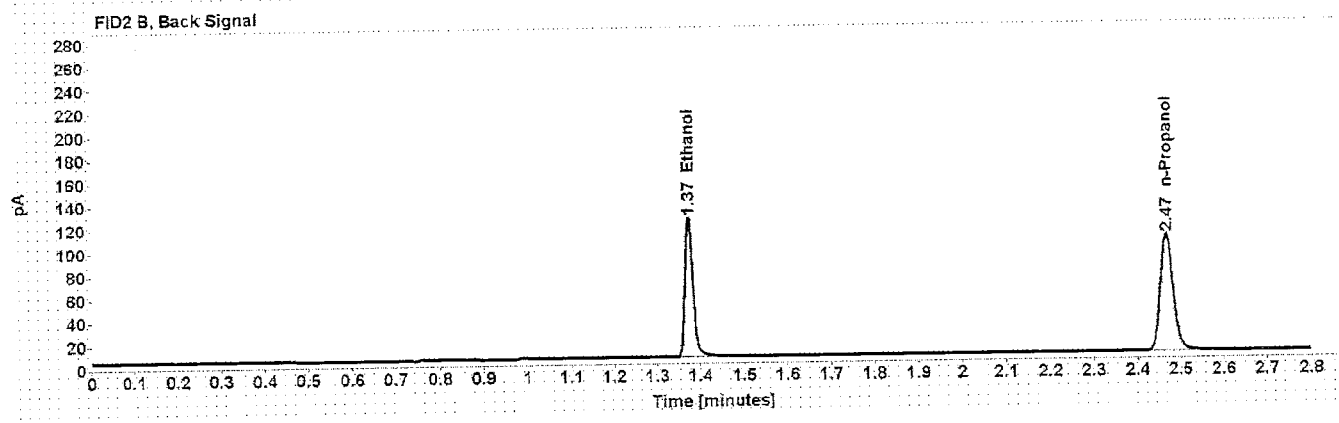
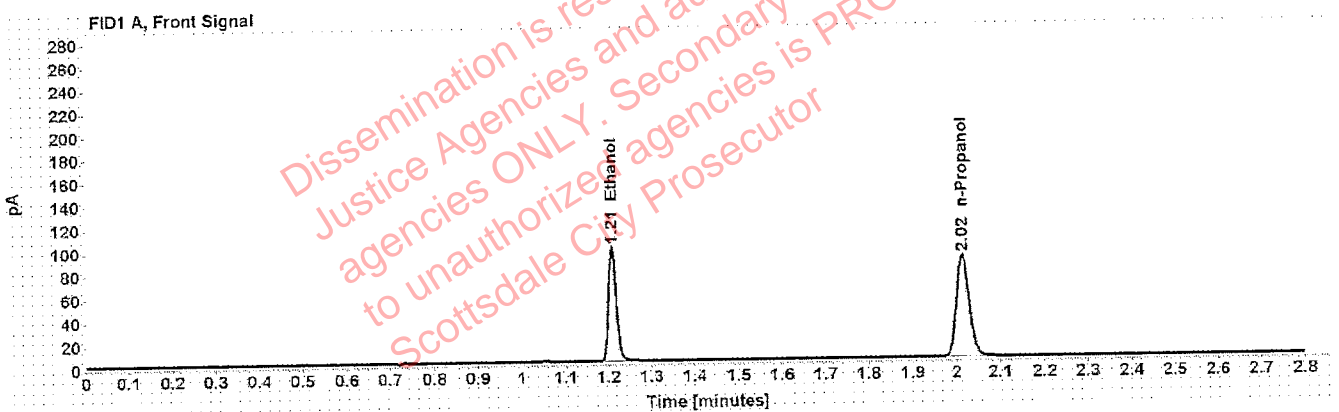


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1991	1.209	125.681
n-Propanol	-----	2.015	175.501

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

Compound	Time (min)	Peak Area
Ethanol	1.374	153.590
n-Propanol	2.468	208.336

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 2:33:03 PM
Data file: C:\Chem32\1\Data\11Mar20\20.D	Analyst: Canonico <i>EC</i>

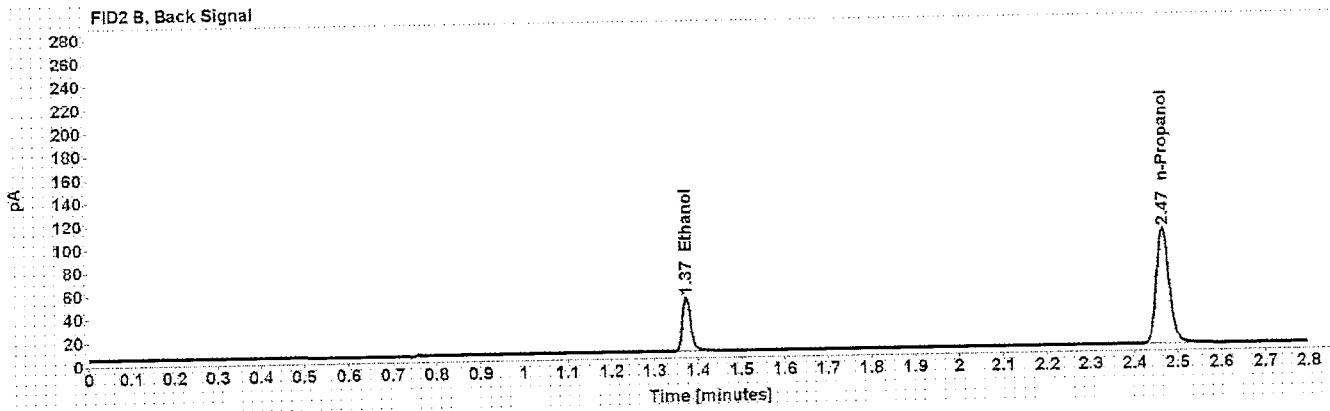
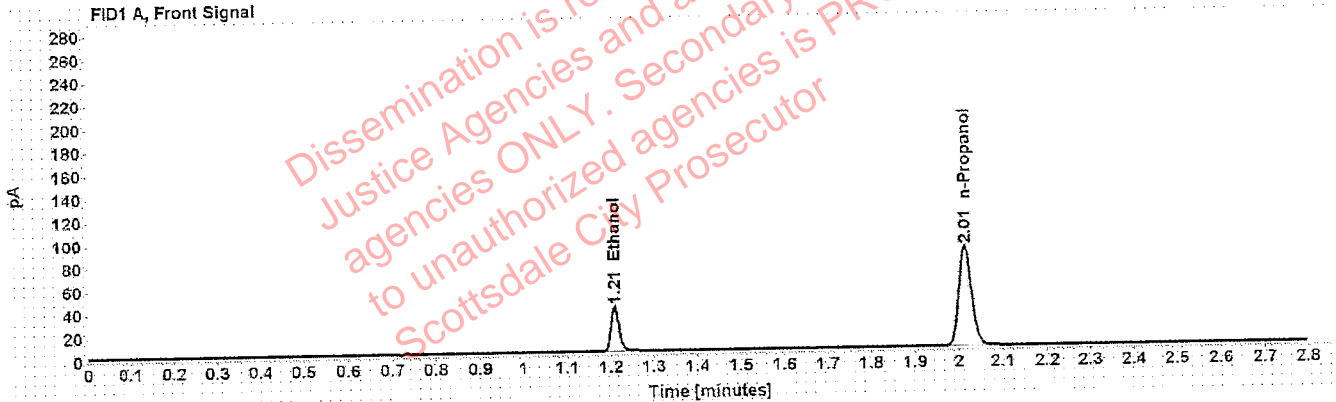


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.209	49.503
n-Propanol	-----	2.014	173.260

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

Compound	Time (min)	Peak Area
Ethanol	1.374	60.258
n-Propanol	2.467	206.128

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-C	Vial: 31
Description: 0.150	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 3:17:32 PM
Data file: C:\Chem32\1\Data\11Mar20\31.D	Analyst: Canonico <i>cc</i>

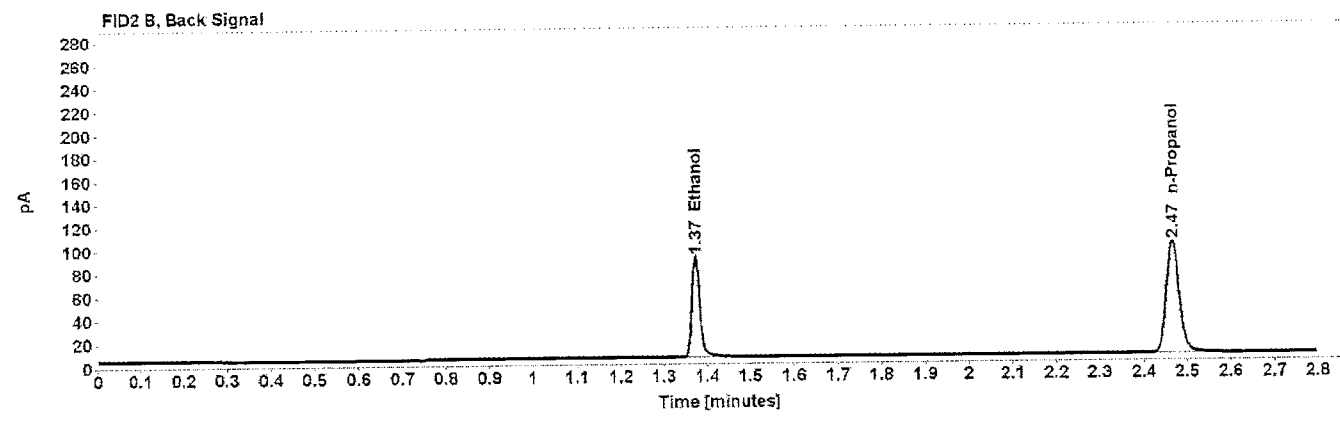
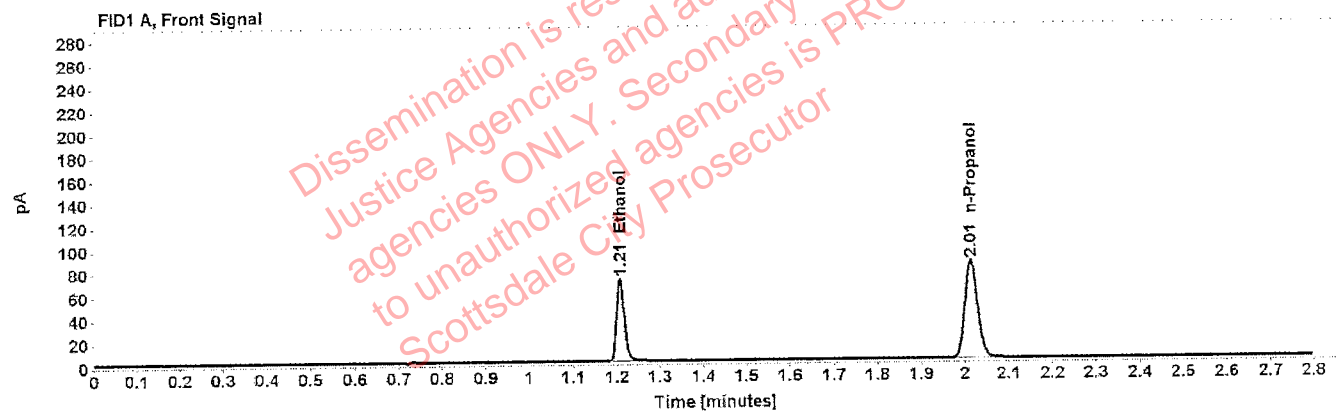


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1507	1.208	91.000
n-Propanol	-----	2.014	168.513

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

Compound	Time (min)	Peak Area
Ethanol	1.373	110.979
n-Propanol	2.467	200.778

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 4:01:48 PM
Data file: C:\Chem32\1\Data\11Mar20\42.D	Analyst: Canonico <i>EC</i>

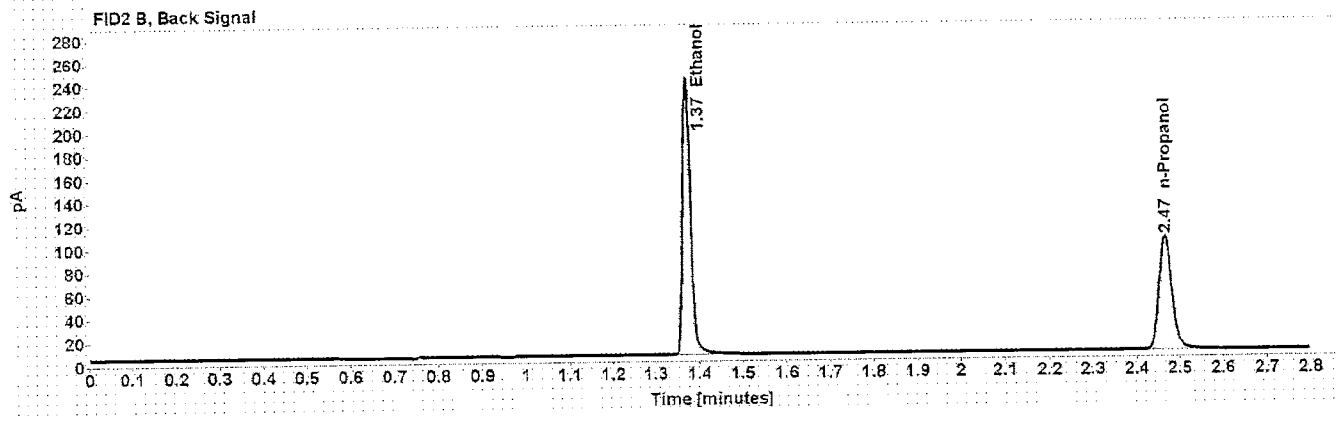
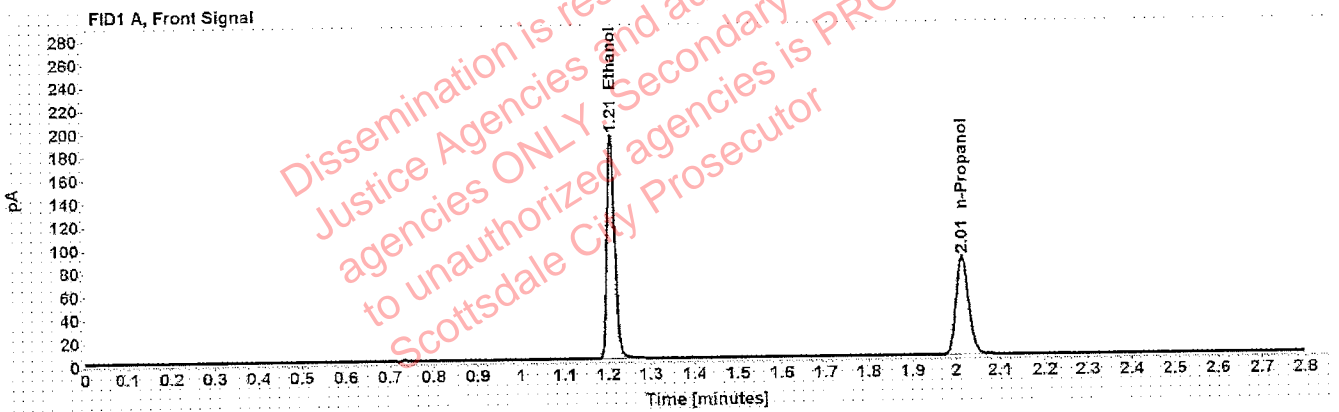


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3993	1.207	244.795
n-Propanol	-----	2.014	169.597

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

Compound	Time (min)	Peak Area
Ethanol	1.372	301.734
n-Propanol	2.467	203.273

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 4:06:02 PM
Data file:	C:\Chem32\1\Data\11Mar20\43.D	Analyst:	Canonico <i>CC</i>

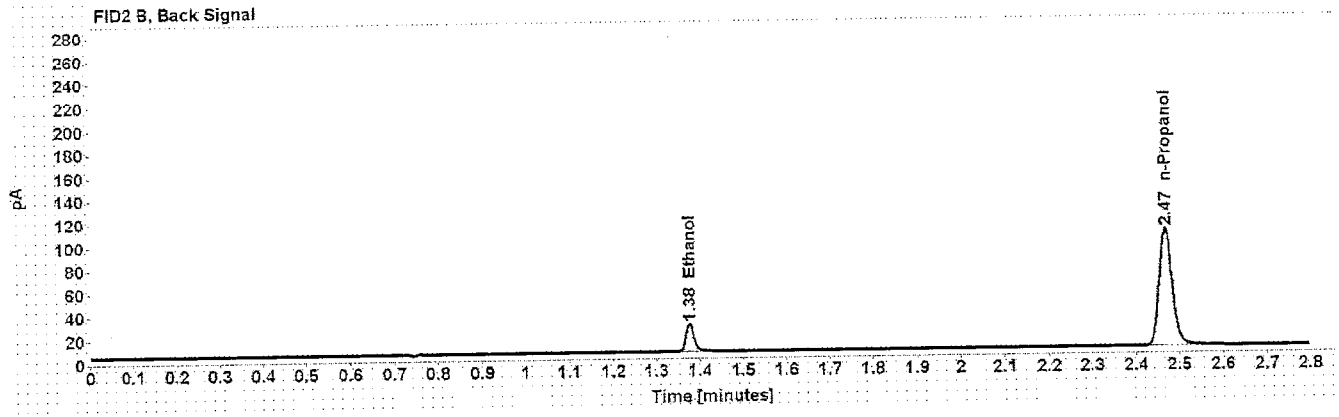
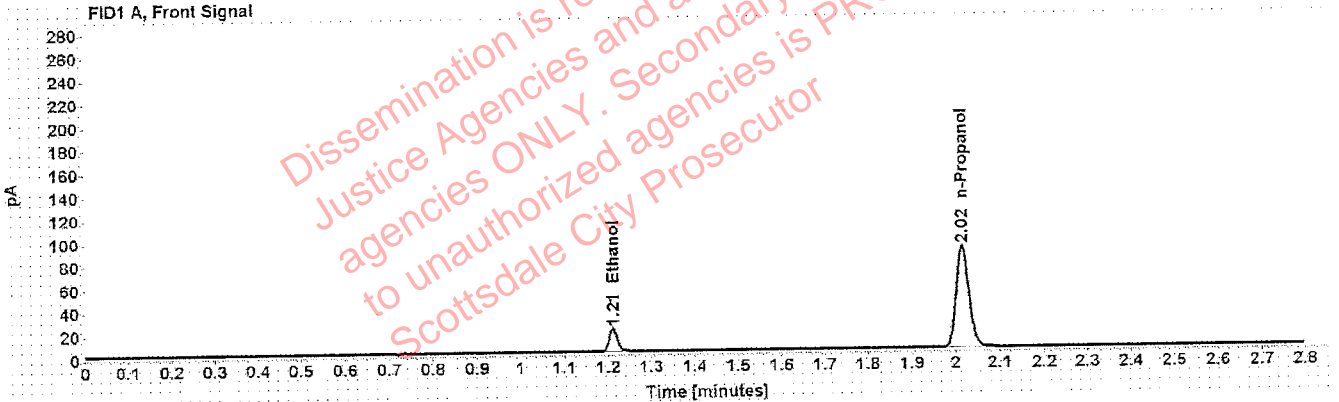


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0422	1.211	25.635
n-Propanol	-----	2.015	175.739

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.863
n-Propanol	2.469	209.754

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	44
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 4:10:02 PM
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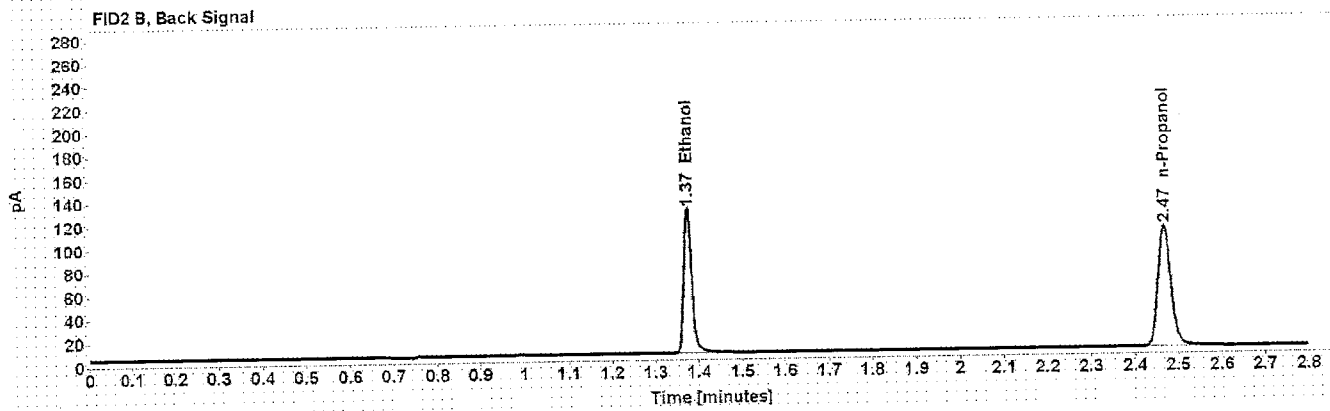
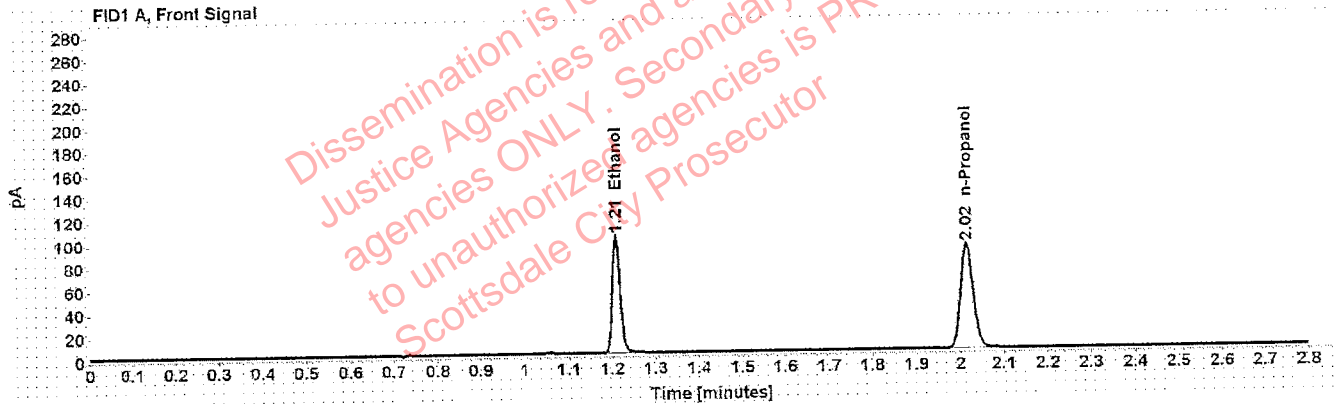


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2000	1.209	129.801
n-Propanol	-----	2.015	180.479

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

Compound	Time (min)	Peak Area
Ethanol	1.375	159.029
n-Propanol	2.468	215.698

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 4:14:03 PM
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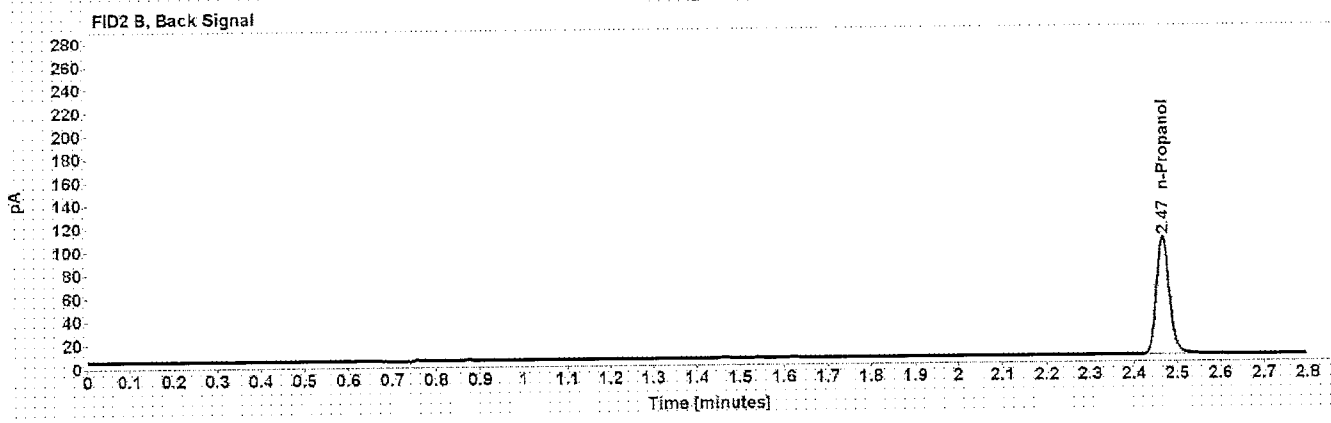
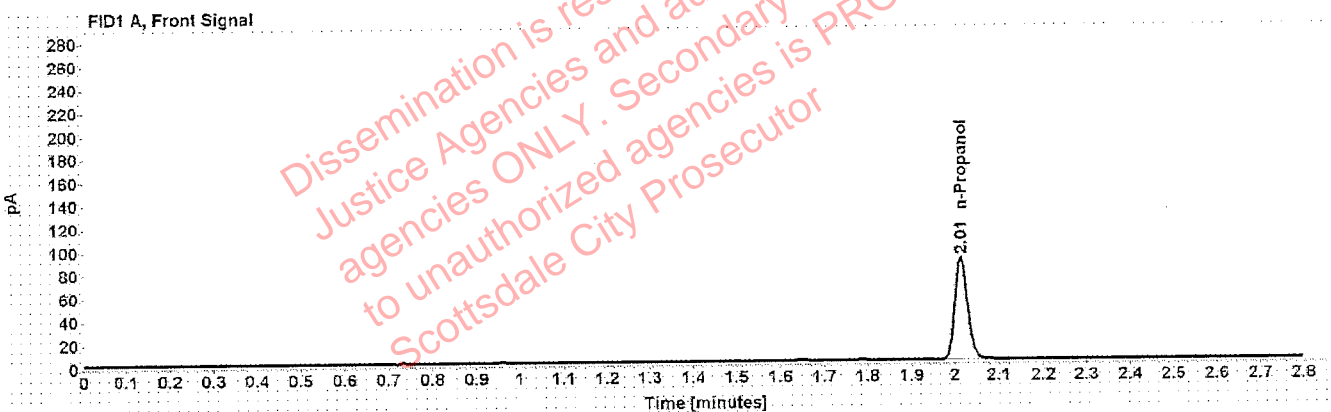


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	175.864

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	210.348

Sequence Summary

Sequence name: 11Mar20 Instrument: US14173023 CN14160045 Analyst: Canonico

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	121219	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	1311948		Sample		ethanol quant.M
11	1311948		Sample		ethanol quant.M
12	1312682		Sample		ethanol quant.M
13	1312682		Sample		ethanol quant.M
14	1310950		Sample		ethanol quant.M
15	1310950		Sample		ethanol quant.M
16	1312133		Sample		ethanol quant.M
17	1312133		Sample		ethanol quant.M
18	1311644		Sample		ethanol quant.M
19	1311644		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	1309038		Sample		ethanol quant.M
22	1309038		Sample		ethanol quant.M
23	1312706		Sample		ethanol quant.M
24	1312706		Sample		ethanol quant.M
25	1310603		Sample		ethanol quant.M
26	1310603		Sample		ethanol quant.M
27	1310593		Sample		ethanol quant.M
28	1310593		Sample		ethanol quant.M
29	1310019		Sample		ethanol quant.M
30	1310019		Sample		ethanol quant.M
31	14082019-C	0.150	Control		ethanol quant.M
32	1310528		Sample		ethanol quant.M
33	1310528		Sample		ethanol quant.M
34	1310506		Sample		ethanol quant.M
35	1310506		Sample		ethanol quant.M
36	1312790		Sample		ethanol quant.M
37	1312790		Sample		ethanol quant.M
38	1312468		Sample		ethanol quant.M
39	1312468		Sample		ethanol quant.M
40	1312912		Sample		ethanol quant.M
41	1312912		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	040919WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 11Mar20

ANALYST: Canonico

EE

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0782	0.0788	0.07850	0.38	0.00030
12 13	0.1284	0.1282	0.12830	0.08	0.00010
14 15	0.2501	0.2500	0.25005	0.02	0.00005
16 17	0.1581	0.1575	0.15780	0.19	0.00030
18 19	0.0999	0.1000	0.09995	0.05	0.00005
21 22	0.1018	0.1023	0.10205	0.24	0.00025
23 24	0.1857	0.1863	0.18600	0.16	0.00030
25 26	0.3762	0.3779	0.37705	0.23	0.00085
27 28	0.1685	0.1684	0.16845	0.03	0.00005
29 30	0.1855	0.1883	0.18690	0.75	0.00140
32 33	0.1812	0.1797	0.18045	0.42	0.00075
34 35	0.1817	0.1797	0.18070	0.55	0.00100
36 37	0.0950	0.0955	0.09525	0.26	0.00025
38 39	0.2252	0.2268	0.22600	0.35	0.00080
40 41	0.1221	0.1224	0.12225	0.12	0.00015

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311948	Vial:	10
Description:	[REDACTED]	LJMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 1:52:32 PM
Data file:	C:\Chem32\1\Data\11Mar20\10.D	Analyst:	Canonico

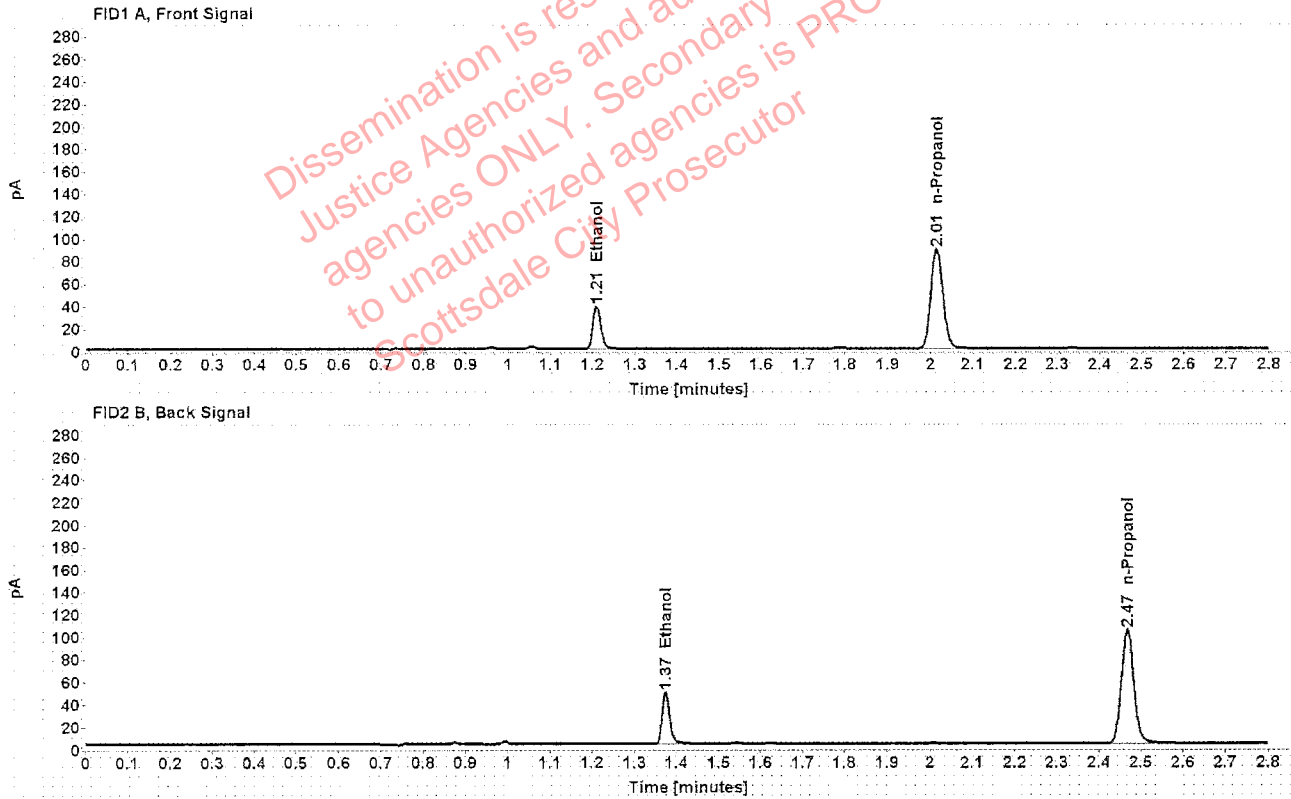


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0782	1.210	48.696
n-Propanol	-----	2.015	175.835

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

Compound	Time (min)	Peak Area
Ethanol	1.375	58.840
n-Propanol	2.468	208.444

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311948	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 1:56:32 PM
Data file:	C:\Chem32\11Data\11Mar20\11.D	Analyst:	Canonico

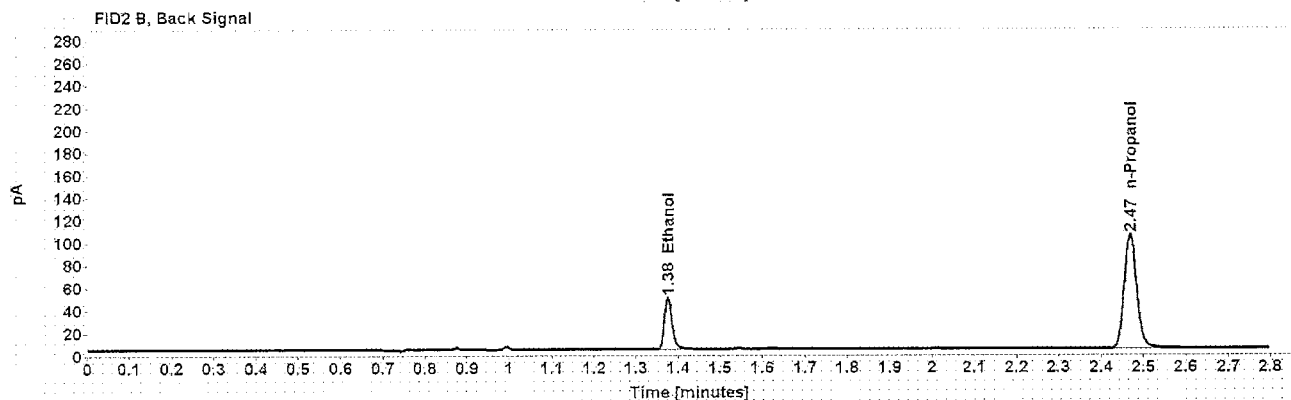
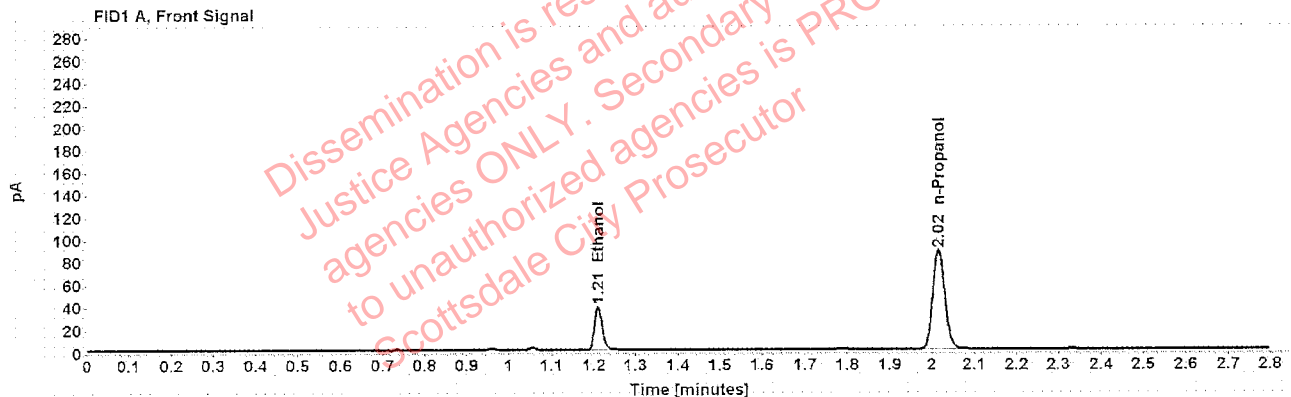


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0788	1.210	48.989
n-Propanol	-----	2.016	175.575

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

Compound	Time (min)	Peak Area
Ethanol	1.376	58.862
n-Propanol	2.469	208.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312682	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:00:32 PM
Data file:	C:\Chem32\1\Data\11Mar20\12.D	Analyst:	Canonico

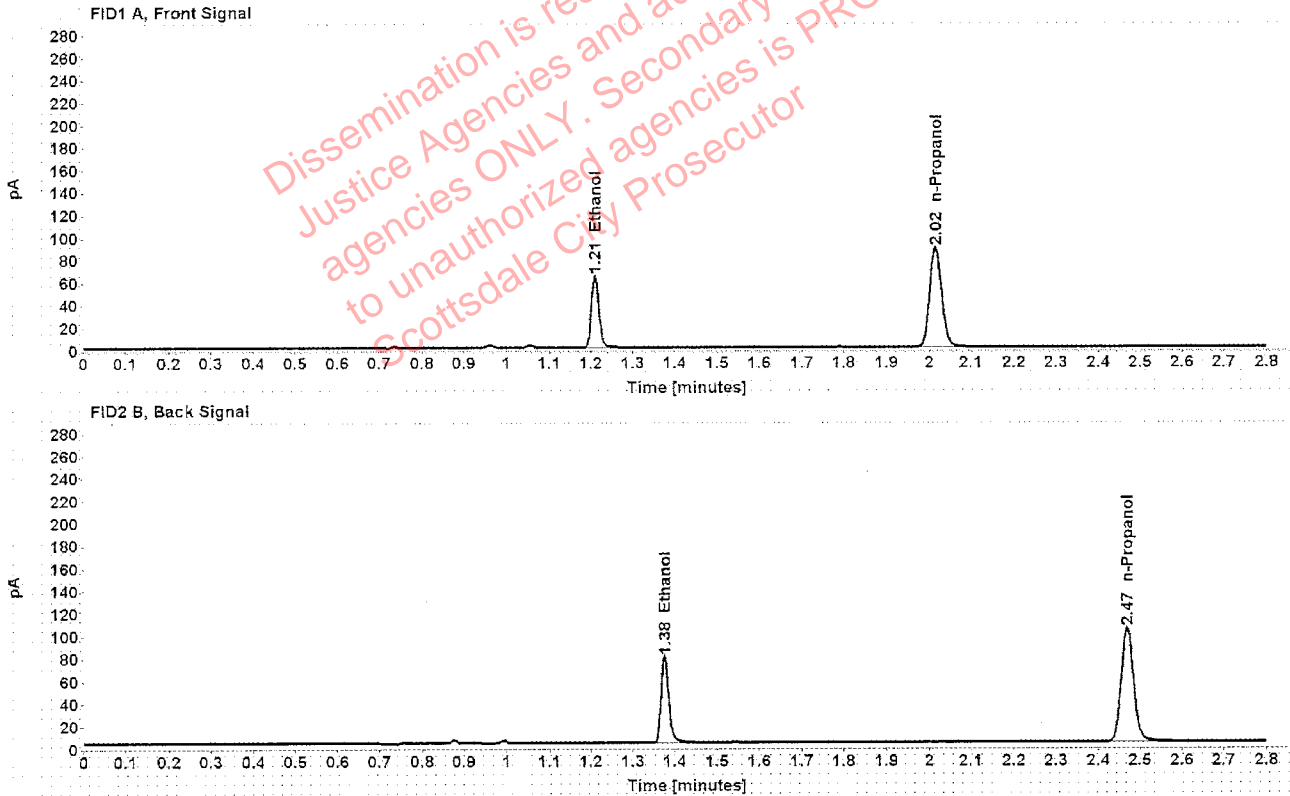


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1284	1.210	80.835
n-Propanol	-----	2.016	175.990

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

Compound	Time (min)	Peak Area
Ethanol	1.375	98.006
n-Propanol	2.469	209.159

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312682	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:04:47 PM
Data file:	C:\Chem32\11Data\11Mar20\13.D	Analyst:	Canonico

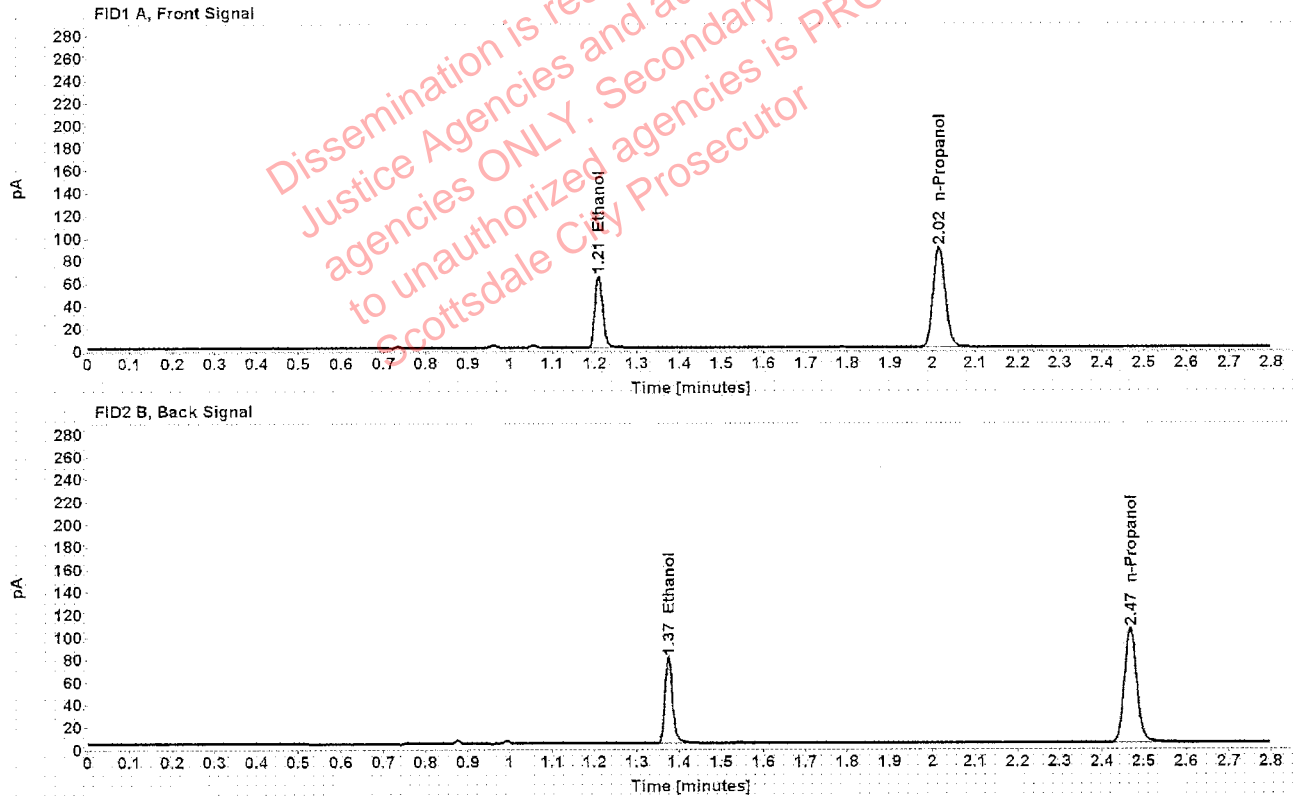


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1282	1.209	80.999
n-Propanol	-----	2.015	176.745

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

Compound	Time (min)	Peak Area
Ethanol	1.375	97.795
n-Propanol	2.468	210.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310950	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:08:47 PM
Data file:	C:\Chem32\1\Data\11Mar20\14.D	Analyst:	Canonico

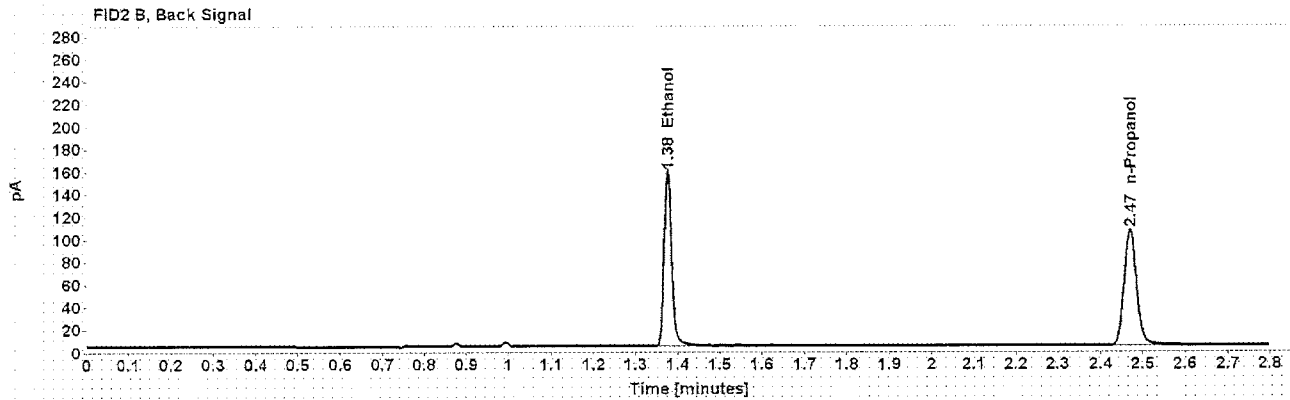
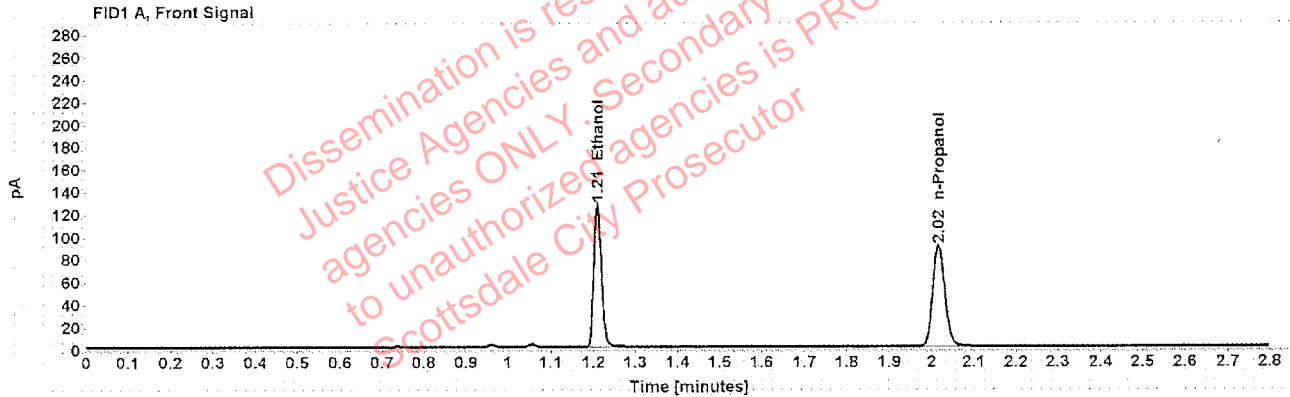


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2501	1.210	160.914
n-Propanol	-----	2.016	178.561

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

Compound	Time (min)	Peak Area
Ethanol	1.376	198.383
n-Propanol	2.470	212.435

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310950	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:12:48 PM
Data file:	C:\Chem321\1\Data\11Mar20\15.D	Analyst:	Canonico

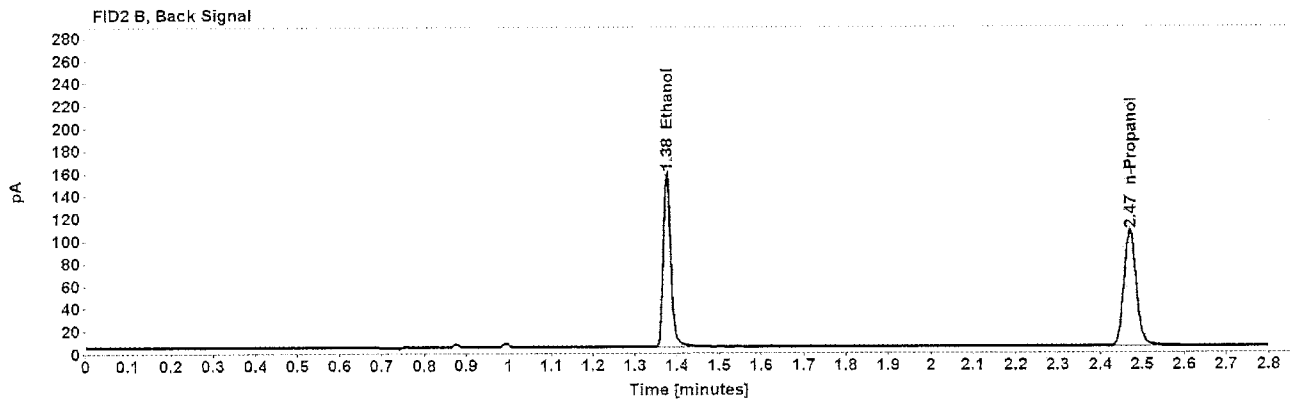
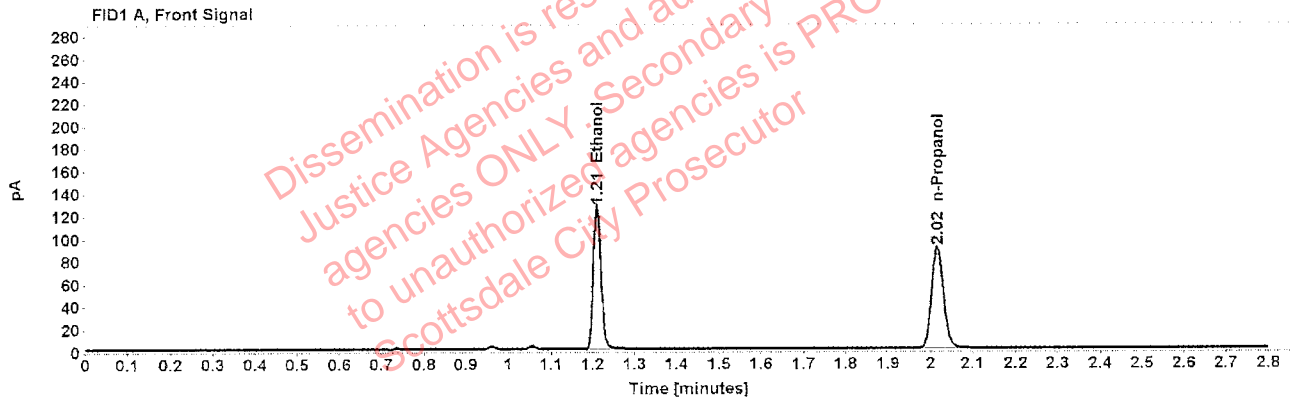


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2500	1.210	160.683
n-Propanol	-----	2.016	178.324

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

Compound	Time (min)	Peak Area
Ethanol	1.376	195.815
n-Propanol	2.470	212.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312133	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:16:47 PM
Data file:	C:\Chem32\1\Data\11Mar20\16.D	Analyst:	Canonico

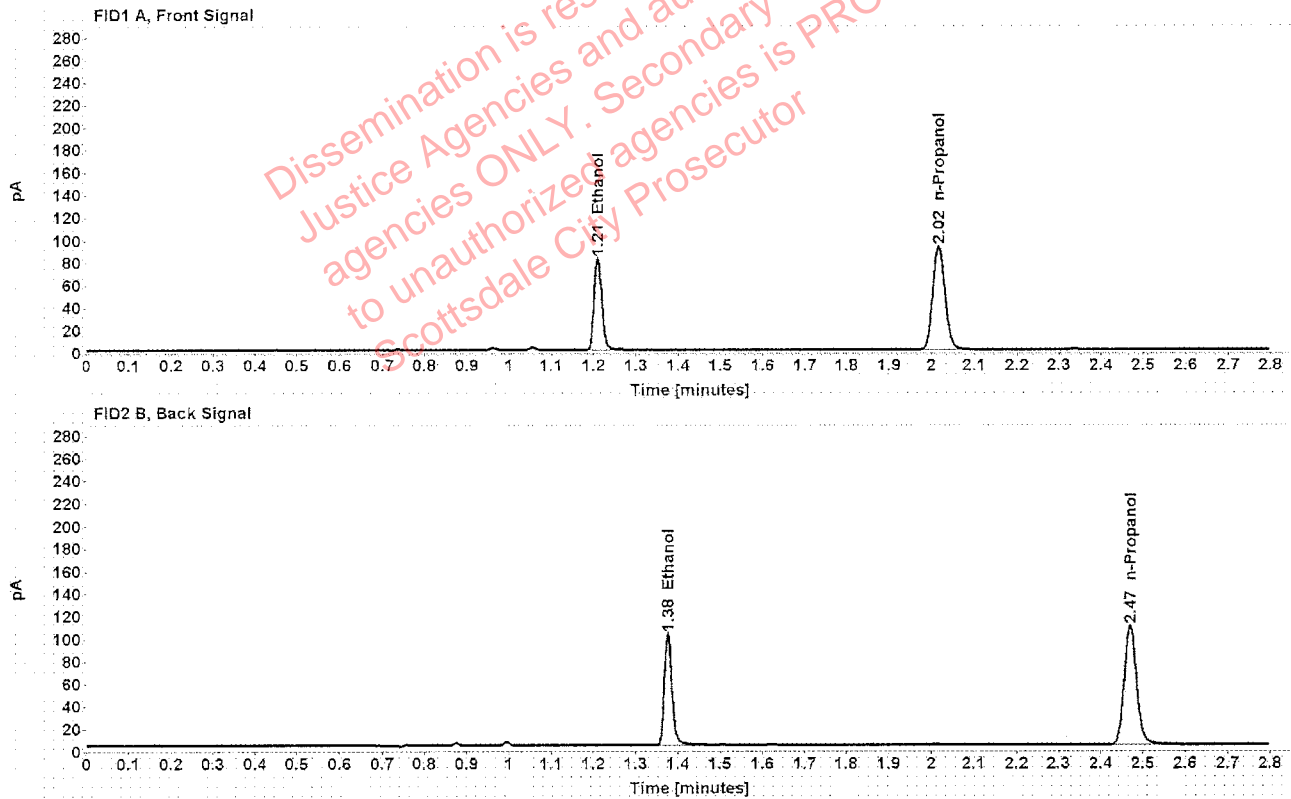


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1581	1.210	104.176
n-Propanol	-----	2.016	183.759

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

Compound	Time (min)	Peak Area
Ethanol	1.376	128.676
n-Propanol	2.470	219.824

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312133	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:20:48 PM
Data file:	C:\Chem32\1\Data\11Mar20\17.D	Analyst:	Canonico

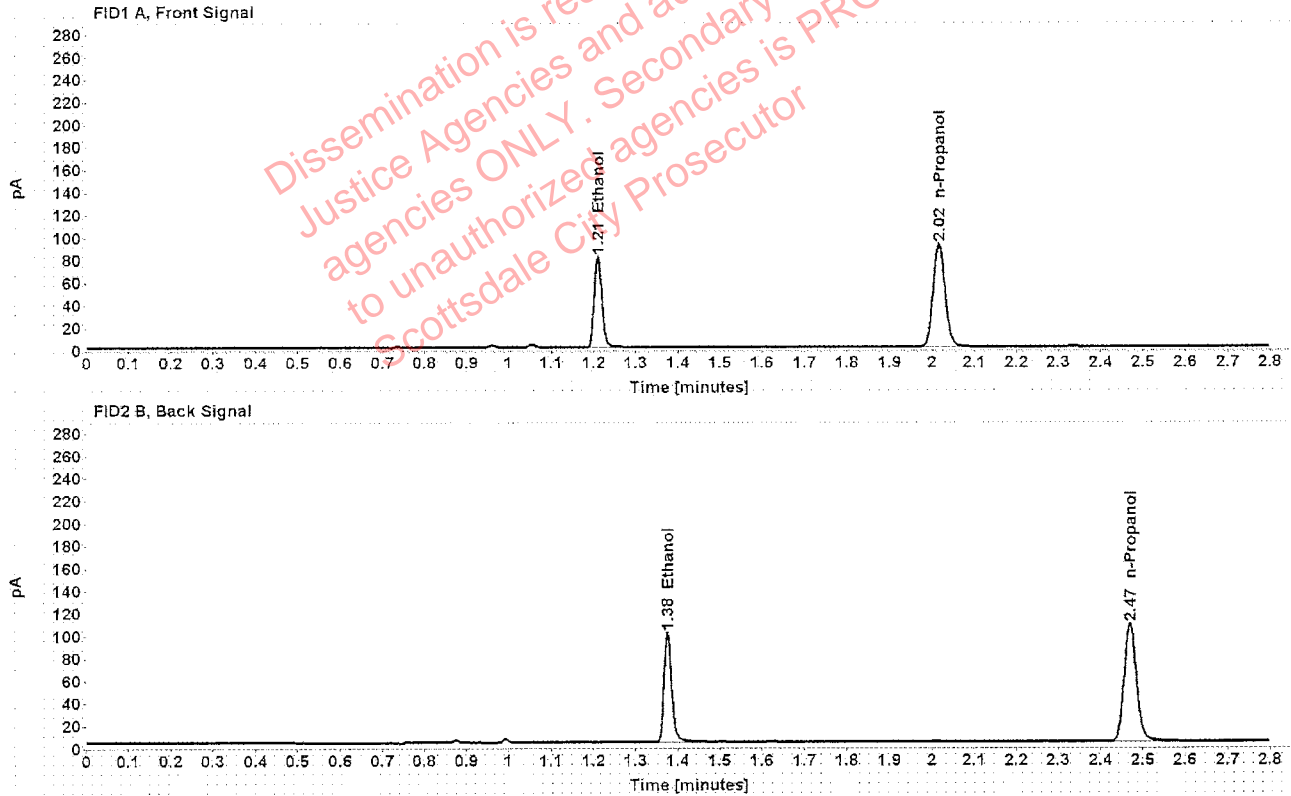


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1575	1.210	102.861
n-Propanol	-----	2.016	182.066

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

Compound	Time (min)	Peak Area
Ethanol	1.376	126.768
n-Propanol	2.469	217.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311644	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:24:47 PM
Data file:	C:\Chem32\1\Data\11Mar20\18.D	Analyst:	Canonico

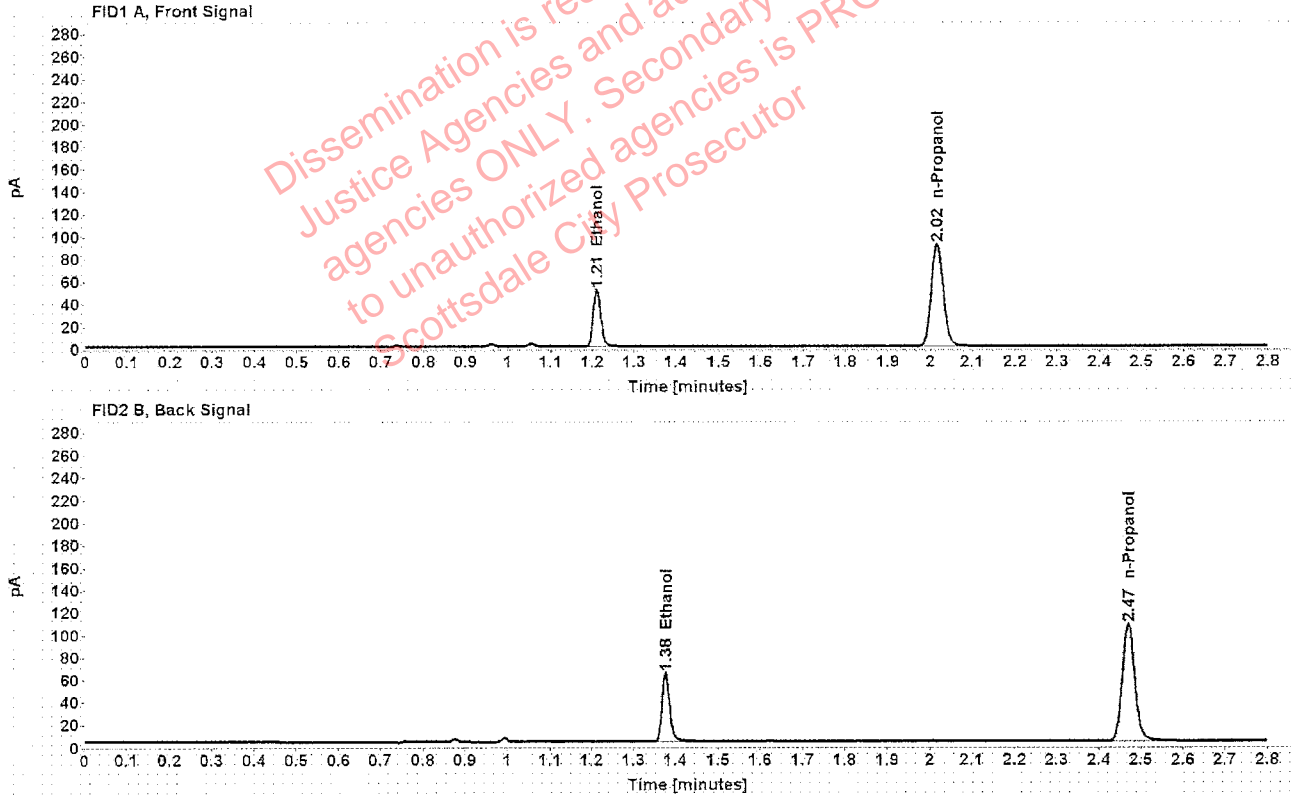


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0999	1.211	64.465
n-Propanol	-----	2.016	181.192

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

Compound	Time (min)	Peak Area
Ethanol	1.377	78.267
n-Propanol	2.470	216.120

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1311644	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:29:02 PM
Data file:	C:\Chem32\1\Data\11Mar20\19.D	Analyst:	Canonico

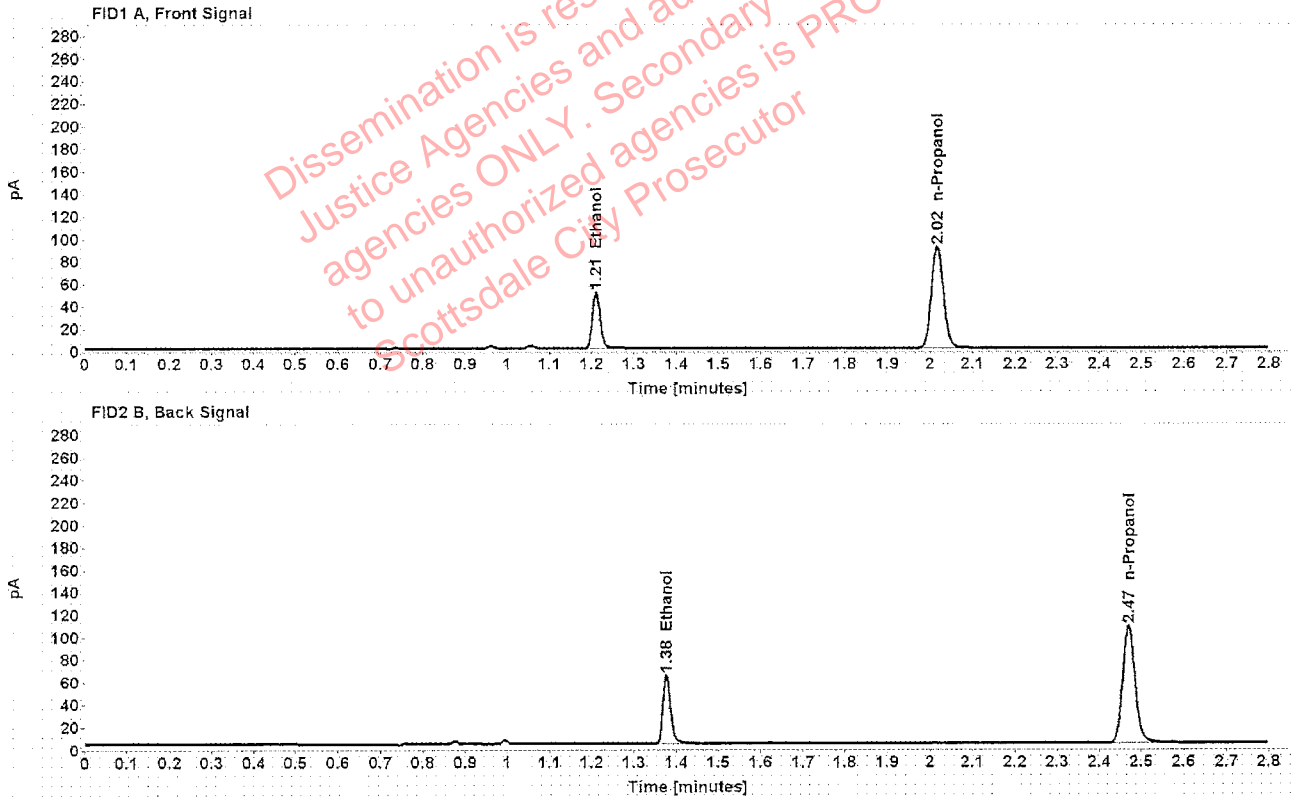


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1000	1.211	64.291
n-Propanol	-----	2.016	180.664

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

Compound	Time (min)	Peak Area
Ethanol	1.377	77.331
n-Propanol	2.470	215.873

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1309038	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:37:02 PM
Data file:	C:\Chem32\1\Data\11Mar2021.D	Analyst:	Canonico

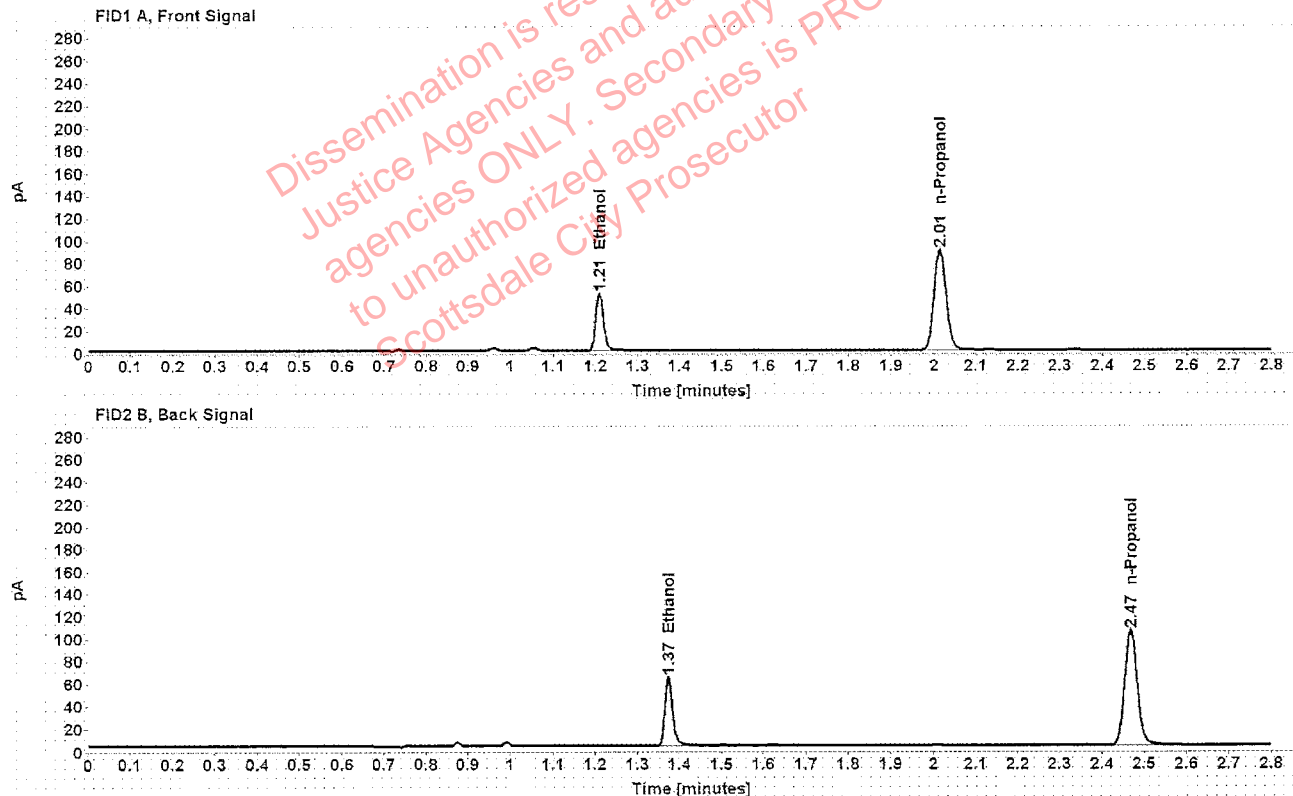


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1018	1.209	64.504
n-Propanol	-----	2.015	177.948

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

Compound	Time (min)	Peak Area
Ethanol	1.374	78.391
n-Propanol	2.467	211.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1309038	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:41:02 PM
Data file:	C:\Chem32\1\Data\11Mar20\22.D	Analyst:	Canonico

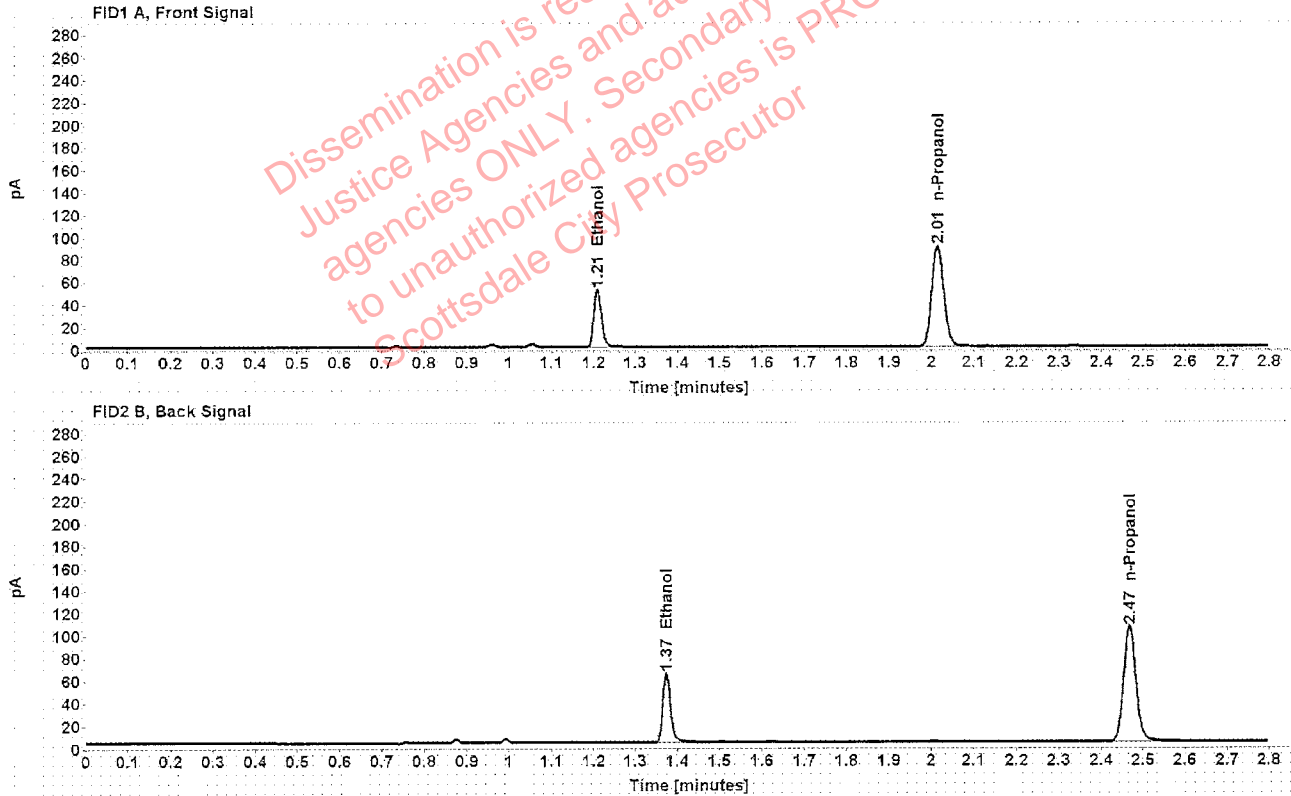


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1023	1.209	64.808
n-Propanol	-----	2.015	177.884

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

Compound	Time (min)	Peak Area
Ethanol	1.374	78.827
n-Propanol	2.467	212.005

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312706	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:45:02 PM
Data file:	C:\Chem32\11Data\11Mar20\23.D	Analyst:	Canonico

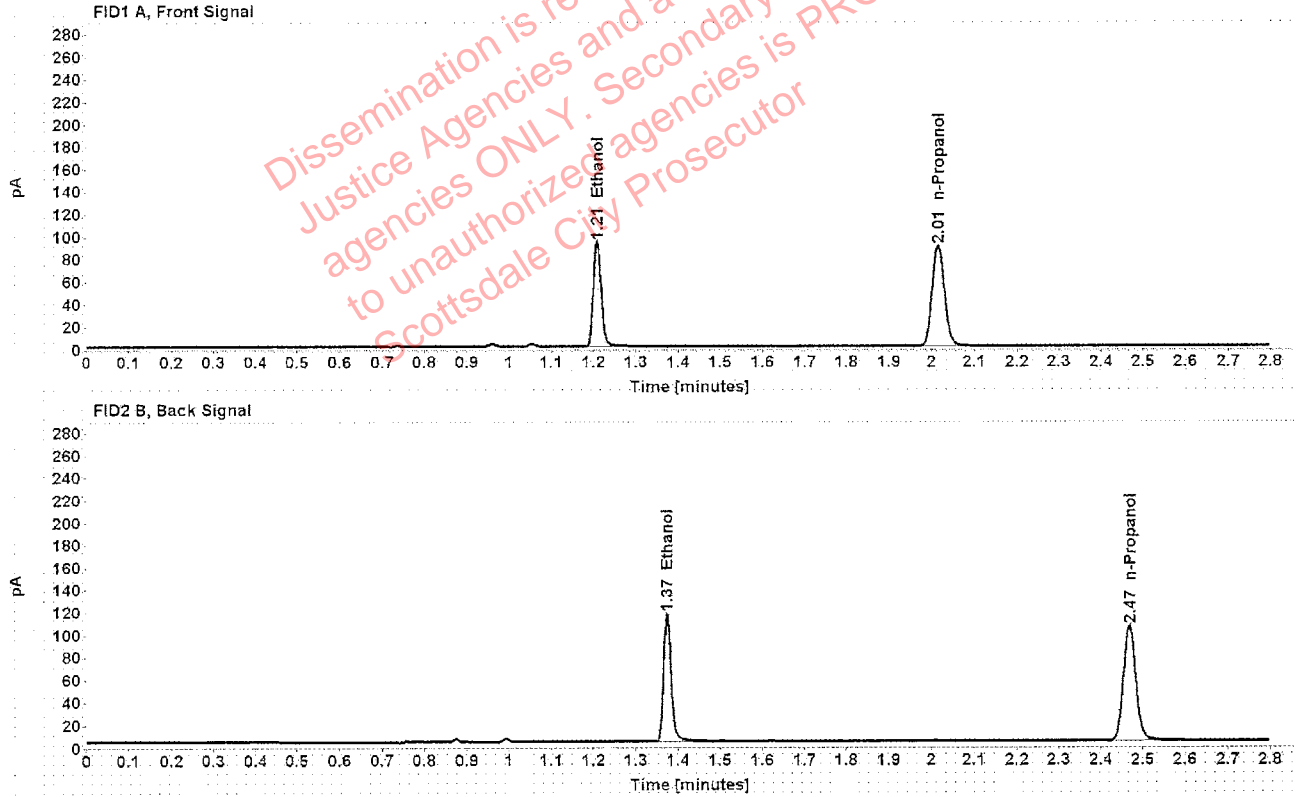


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1857	1.209	118.601
n-Propanol	-----	2.015	177.709

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

Compound	Time (min)	Peak Area
Ethanol	1.374	146.244
n-Propanol	2.468	211.162

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312706	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:49:02 PM
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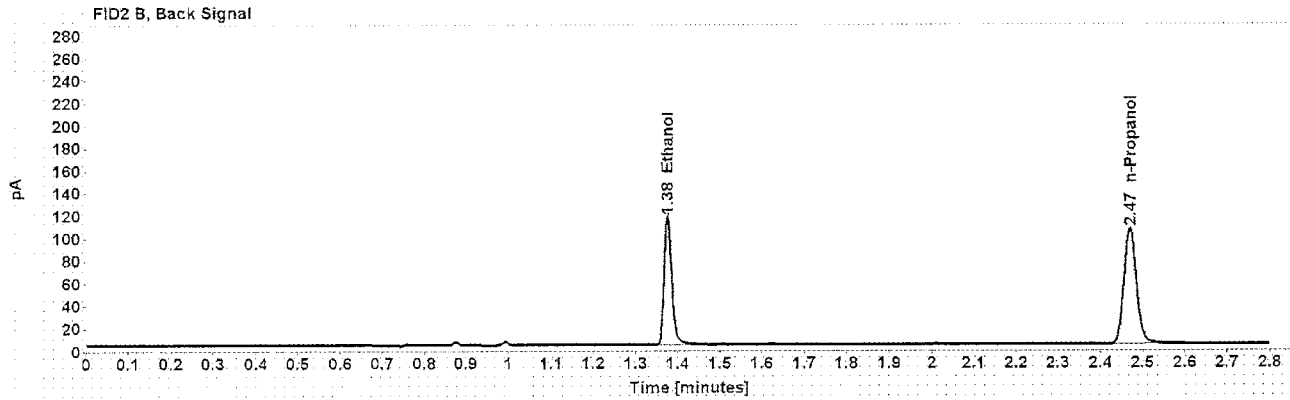
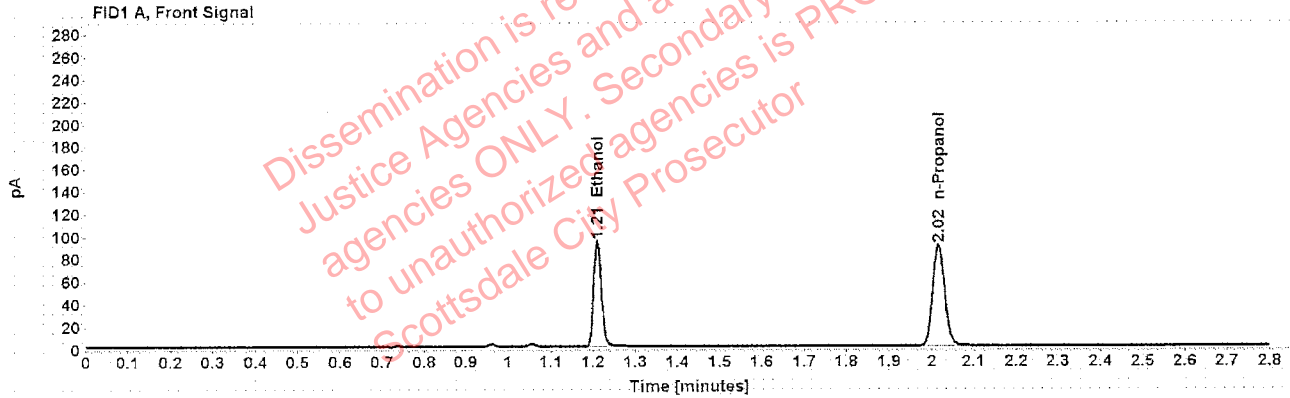


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1863	1.210	119.250
n-Propanol	-----	2.016	178.149

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

Compound	Time (min)	Peak Area
Ethanol	1.376	146.802
n-Propanol	2.470	211.717

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310603	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:53:18 PM
Data file:	C:\Chem32\1\Data\11Mar20\25.D	Analyst:	Canonico

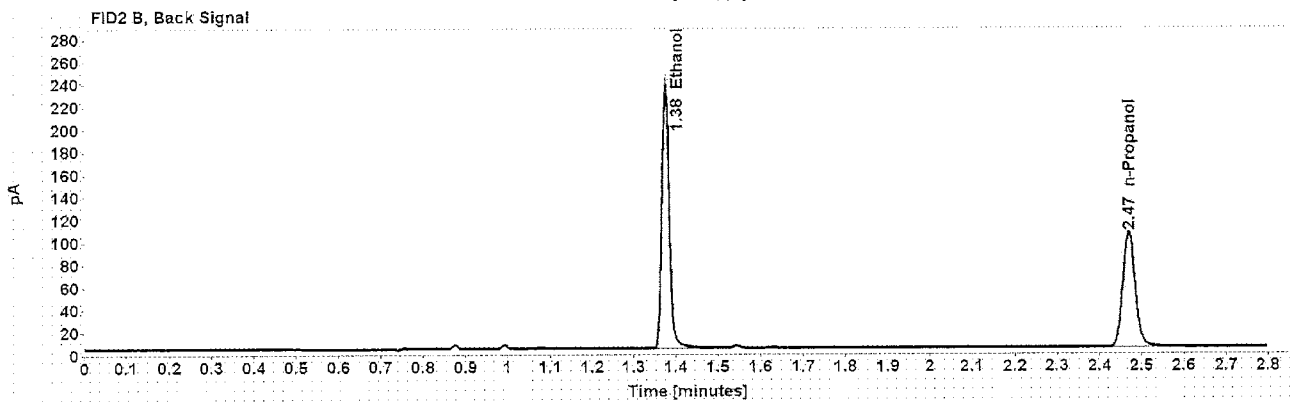
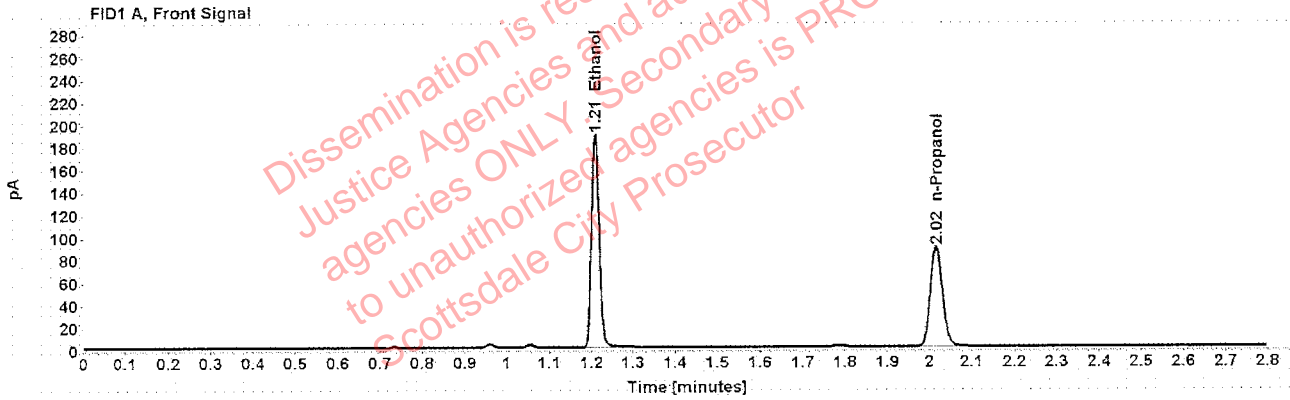


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3762	1.209	240.178
n-Propanol	-----	2.016	176.678

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

Compound	Time (min)	Peak Area
Ethanol	1.375	296.479
n-Propanol	2.469	210.908

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310603	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 2:57:18 PM
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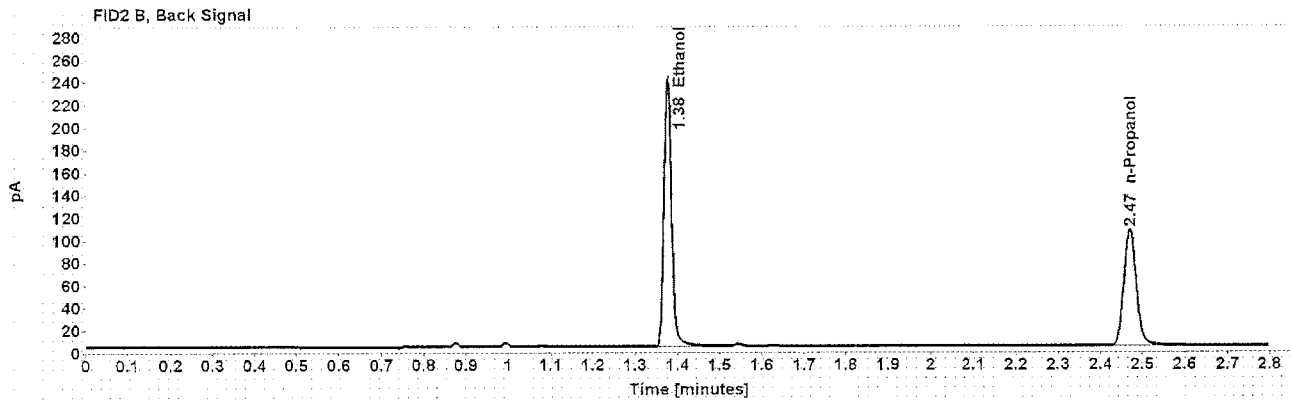
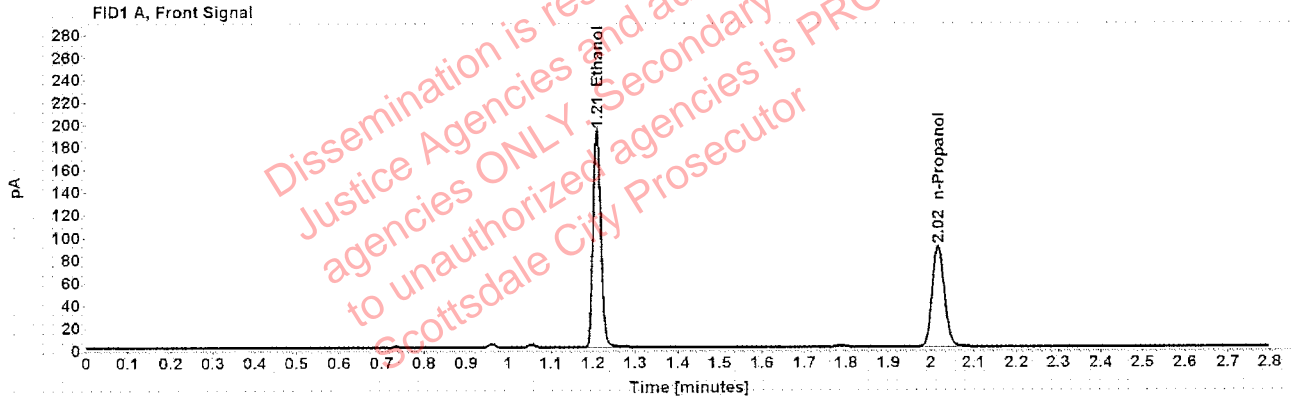


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3779	1.210	244.590
n-Propanol	-----	2.016	179.085

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

Compound	Time (min)	Peak Area
Ethanol	1.376	302.136
n-Propanol	2.470	213.997

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310593	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:01:18 PM
Data file:	C:\Chem32\1\Data\11Mar20\27.D	Analyst:	Canonico

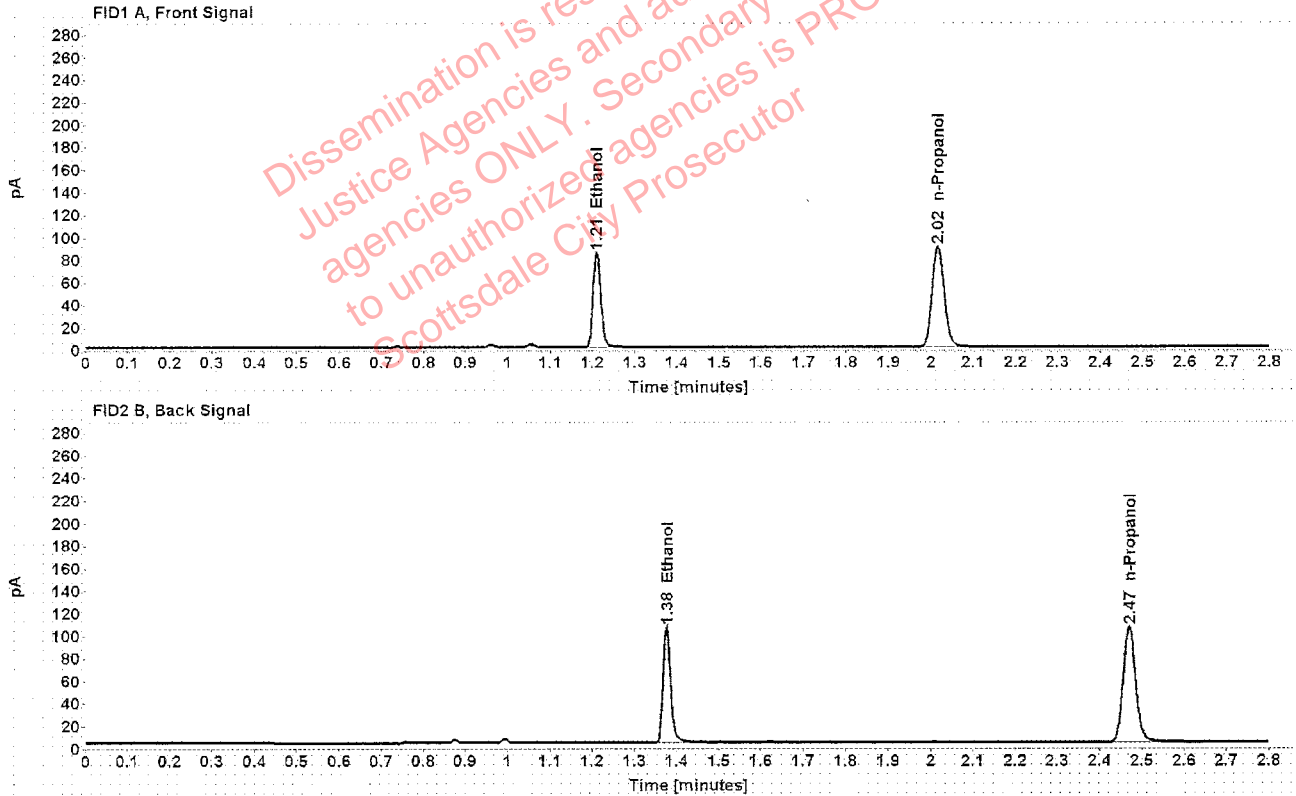


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1685	1.210	107.783
n-Propanol	-----	2.016	178.195

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

Compound	Time (min)	Peak Area
Ethanol	1.376	133.040
n-Propanol	2.470	212.636

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310593	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:05:17 PM
Data file:	C:\Chem32\1\Data\11Mar20\28.D	Analyst:	Canonico

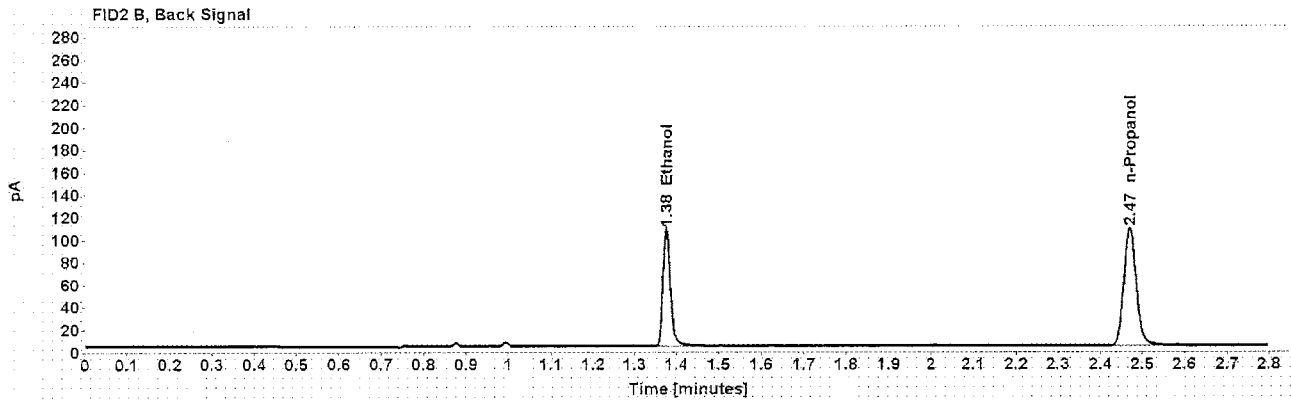
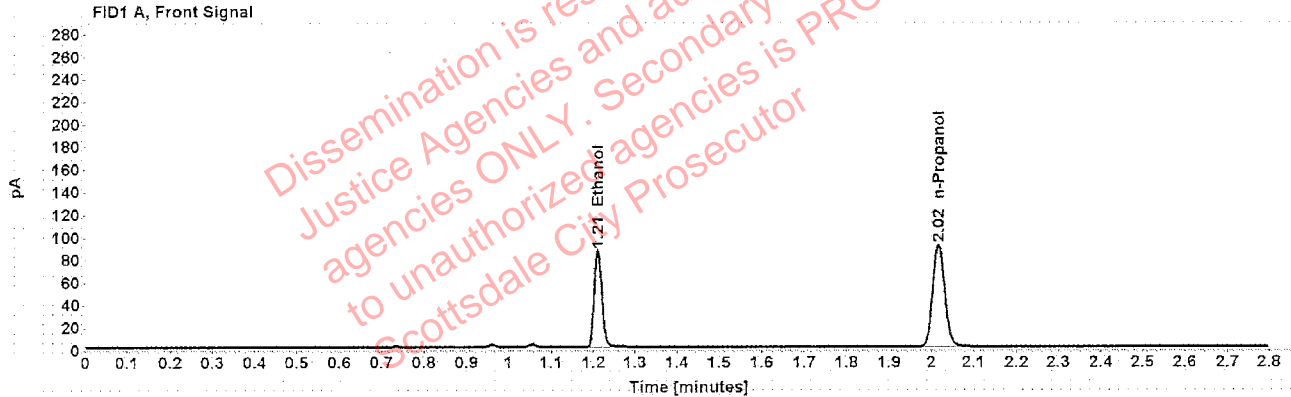


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1684	1.210	109.647
n-Propanol	-----	2.016	181.376

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

Compound	Time (min)	Peak Area
Ethanol	1.376	135.314
n-Propanol	2.470	216.457

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310019	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:09:17 PM
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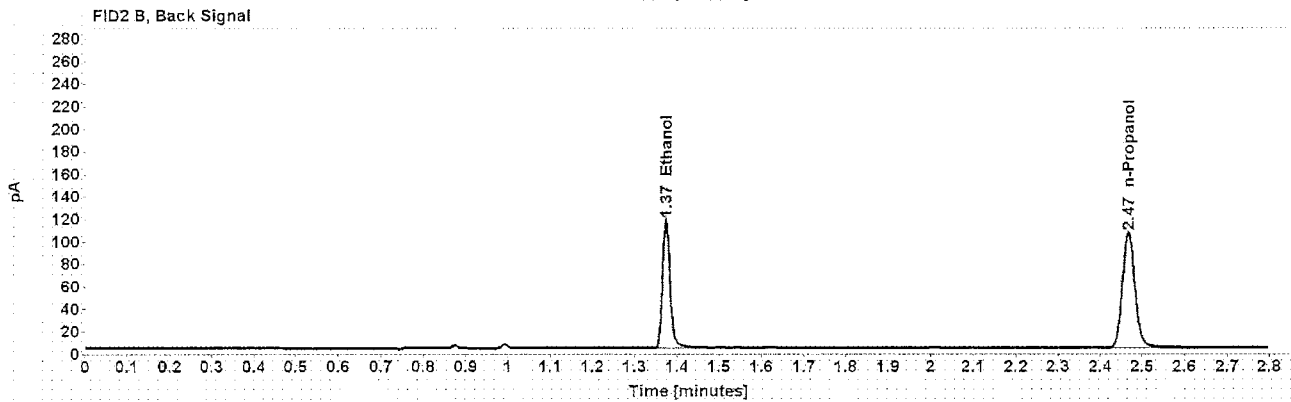
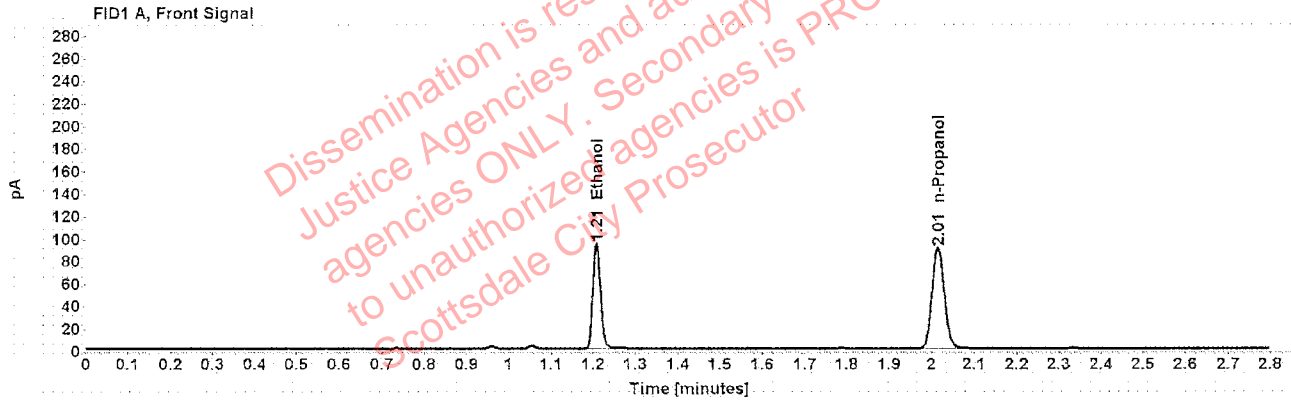


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1855	1.209	118.905
n-Propanol	-----	2.015	178.420

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

Compound	Time (min)	Peak Area
Ethanol	1.373	147.122
n-Propanol	2.467	212.952

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310019	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:13:18 PM
Data file:	C:\Chem32\1\Data\11Mar20\30.D	Analyst:	Canonico

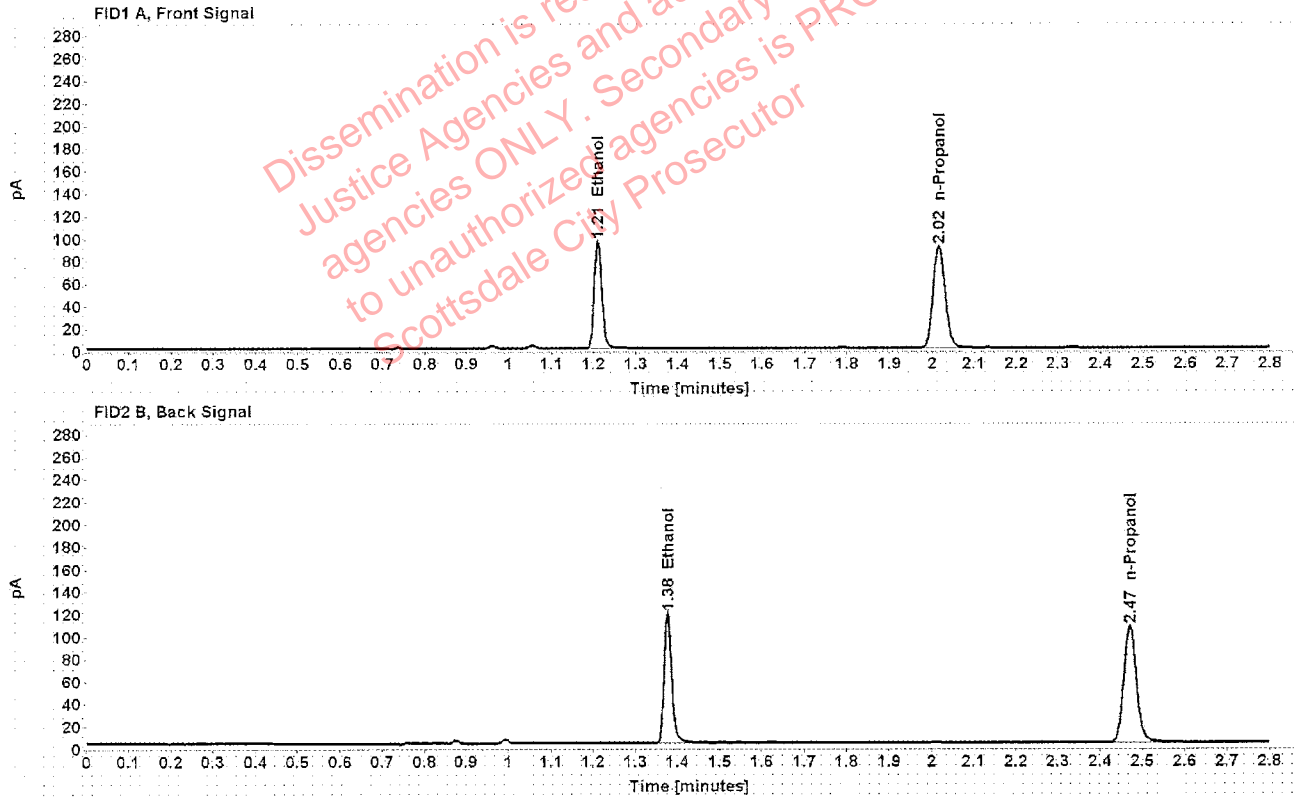


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1883	1.210	121.824
n-Propanol	-----	2.016	179.966

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

Compound	Time (min)	Peak Area
Ethanol	1.376	150.051
n-Propanol	2.470	214.908

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310528	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:21:33 PM
Data file:	C:\Chem32\11Data\11Mar20\32.D	Analyst:	Canonico

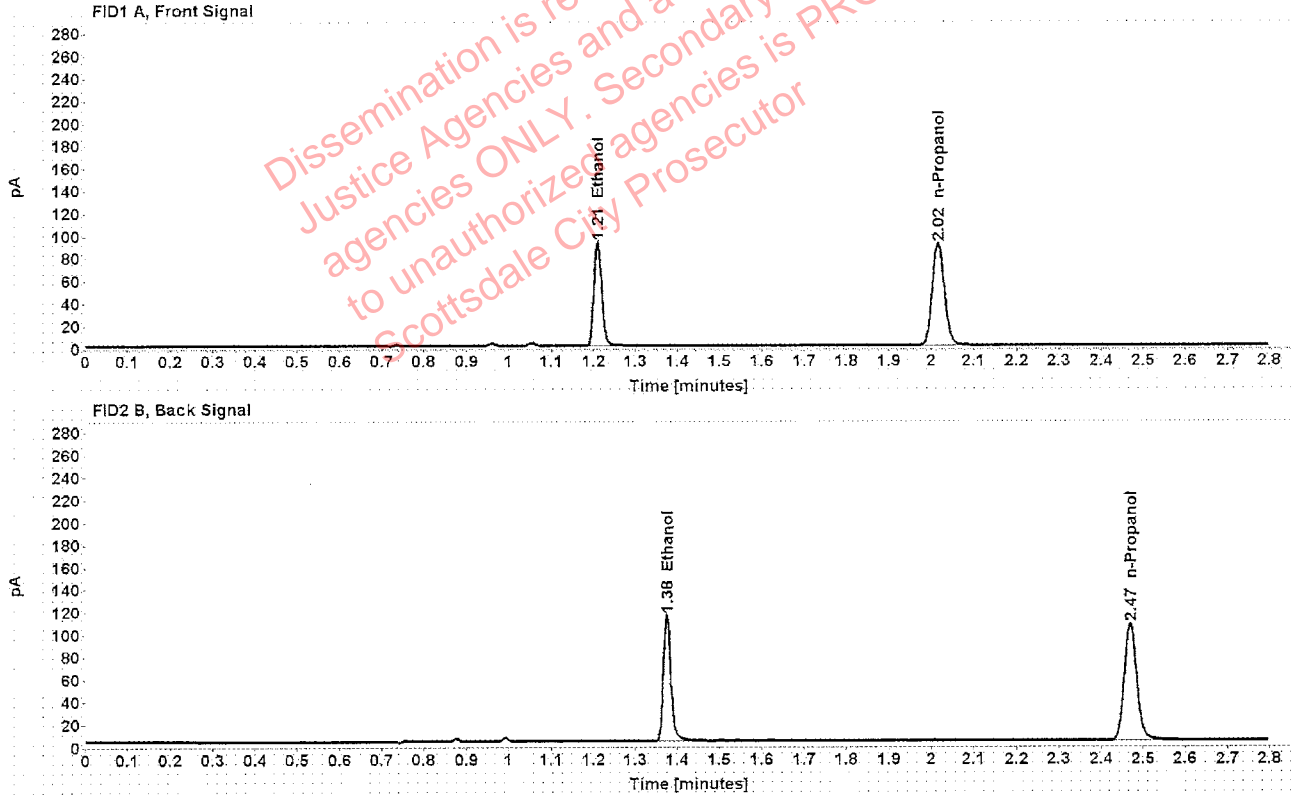


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1812	1.210	117.541
n-Propanol	-----	2.016	180.511

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

Compound	Time (min)	Peak Area
Ethanol	1.375	145.046
n-Propanol	2.469	215.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310528	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:25:33 PM
Data file:	C:\Chem32\1\Data\11Mar20\33.D	Analyst:	Canonico

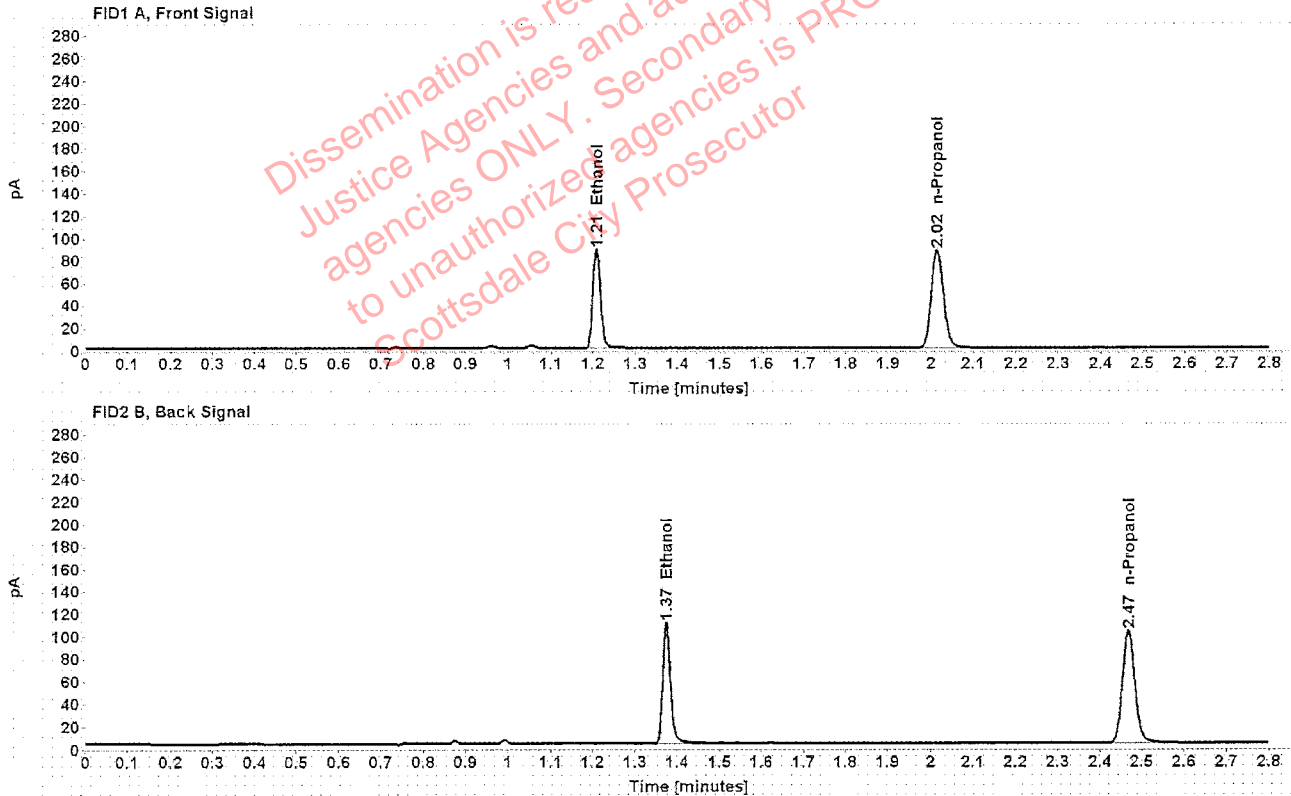


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.209	112.419
n-Propanol	-----	2.015	174.177

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

Compound	Time (min)	Peak Area
Ethanol	1.374	139.064
n-Propanol	2.468	208.347

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310506	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:29:33 PM
Data file:	C:\Chem32\1\Data\11Mar20\34.D	Analyst:	Canonico

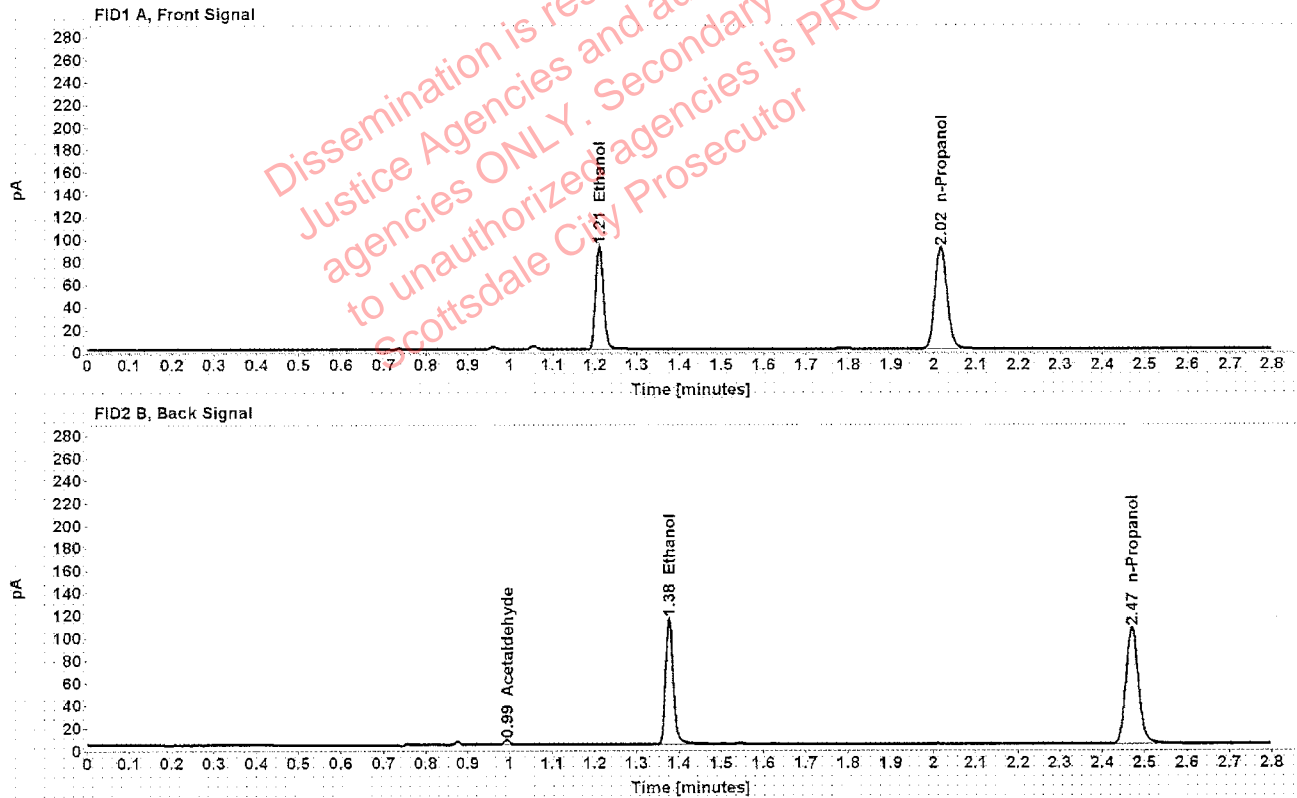


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1817	1.210	117.196
n-Propanol	-----	2.016	179.489

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.102
Ethanol	1.376	144.611
n-Propanol	2.470	214.548

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1310506	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:33:33 PM
Data file:	C:\Chem32\11Data\11Mar20\35.D	Analyst:	Canonico

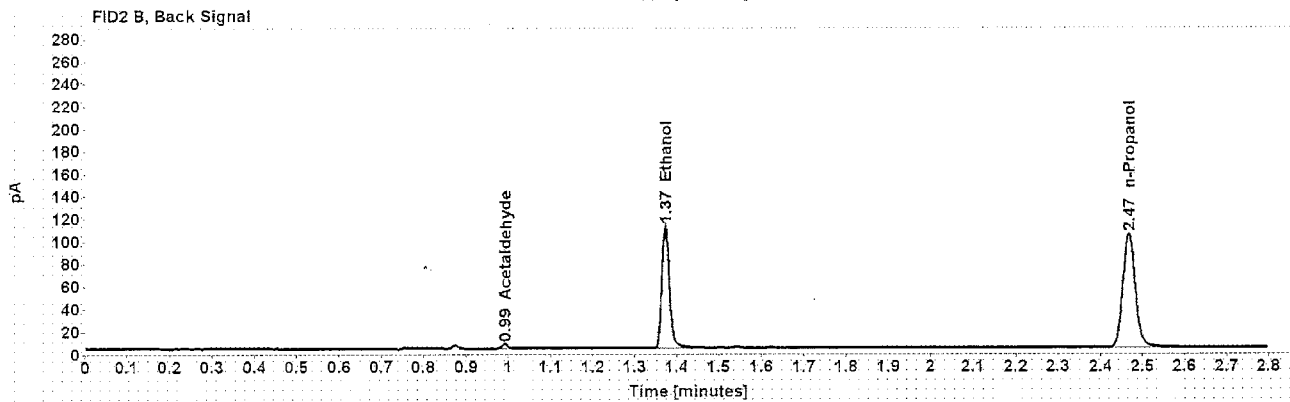
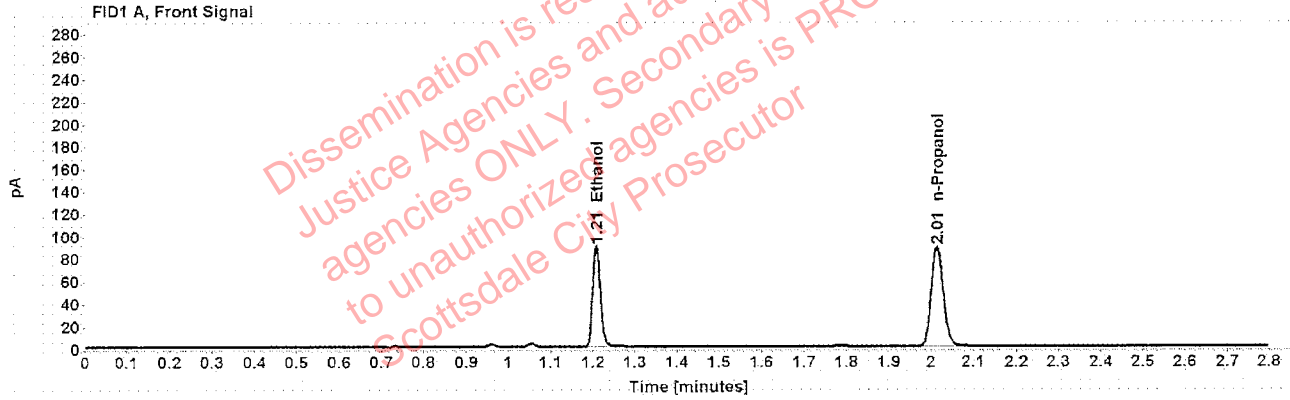


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1797	1.208	113.582
n-Propanol	-----	2.014	175.942

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.103
Ethanol	1.373	140.281
n-Propanol	2.467	210.285

Case: [REDACTED] User: ecanonico 3/12/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312790	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:37:33 PM
Data file:	C:\Chem32\1\Data\11Mar20\36.D	Analyst:	Canonico

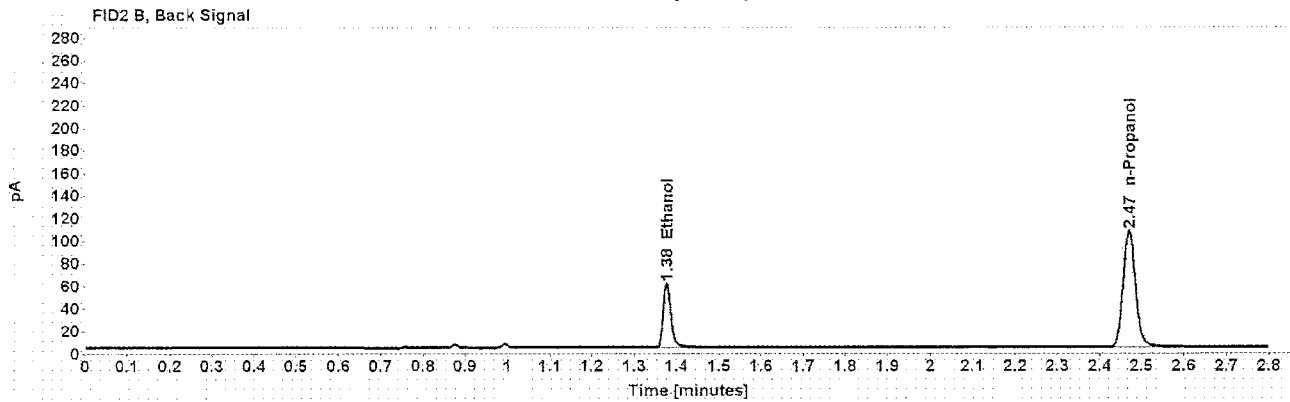
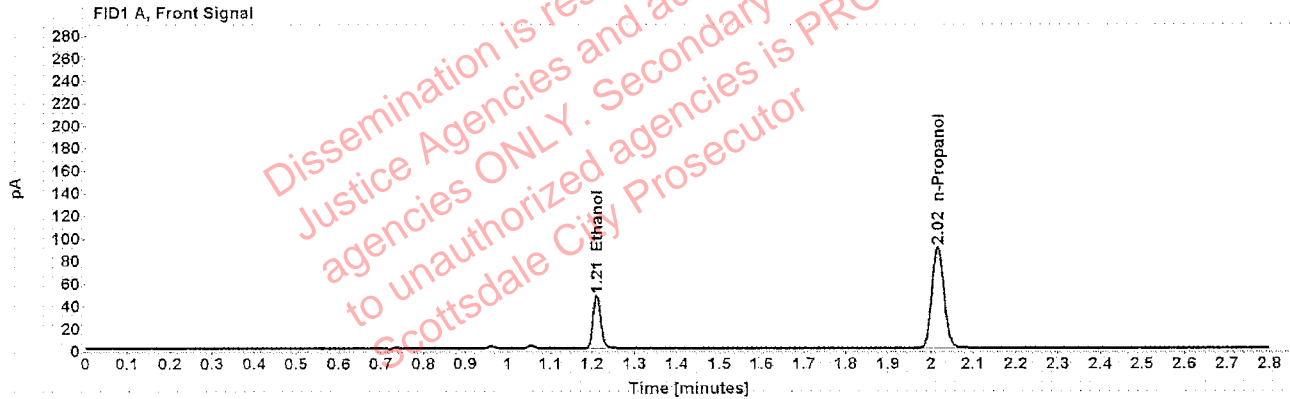


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0950	1.211	60.518
n-Propanol	-----	2.016	179.126

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

Compound	Time (min)	Peak Area
Ethanol	1.377	73.445
n-Propanol	2.470	214.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312790	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:41:48 PM
Data file:	C:\Chem32\1\Data\11Mar20\37.D	Analyst:	Canonico

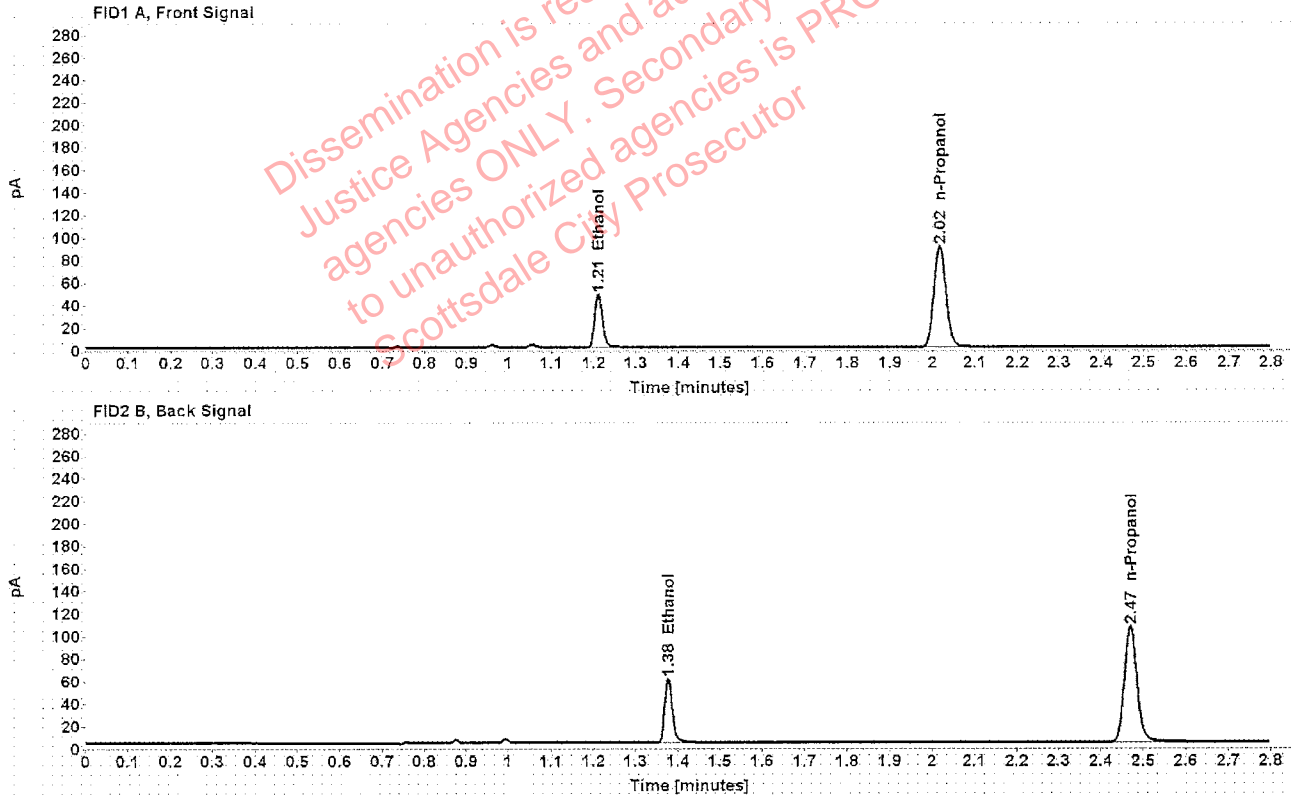


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0955	1.211	60.676
n-Propanol	-----	2.016	178.727

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

Compound	Time (min)	Peak Area
Ethanol	1.377	73.077
n-Propanol	2.470	213.252

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 13124689 EC 03/11/20	Vial: 38
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 11Mar20
Instrument: US14173023 CN14160045	Injection date: 3/11/2020 3:45:48 PM
Data file: C:\Chem32\1\Data\11Mar20\38.D	Analyst: Canonico

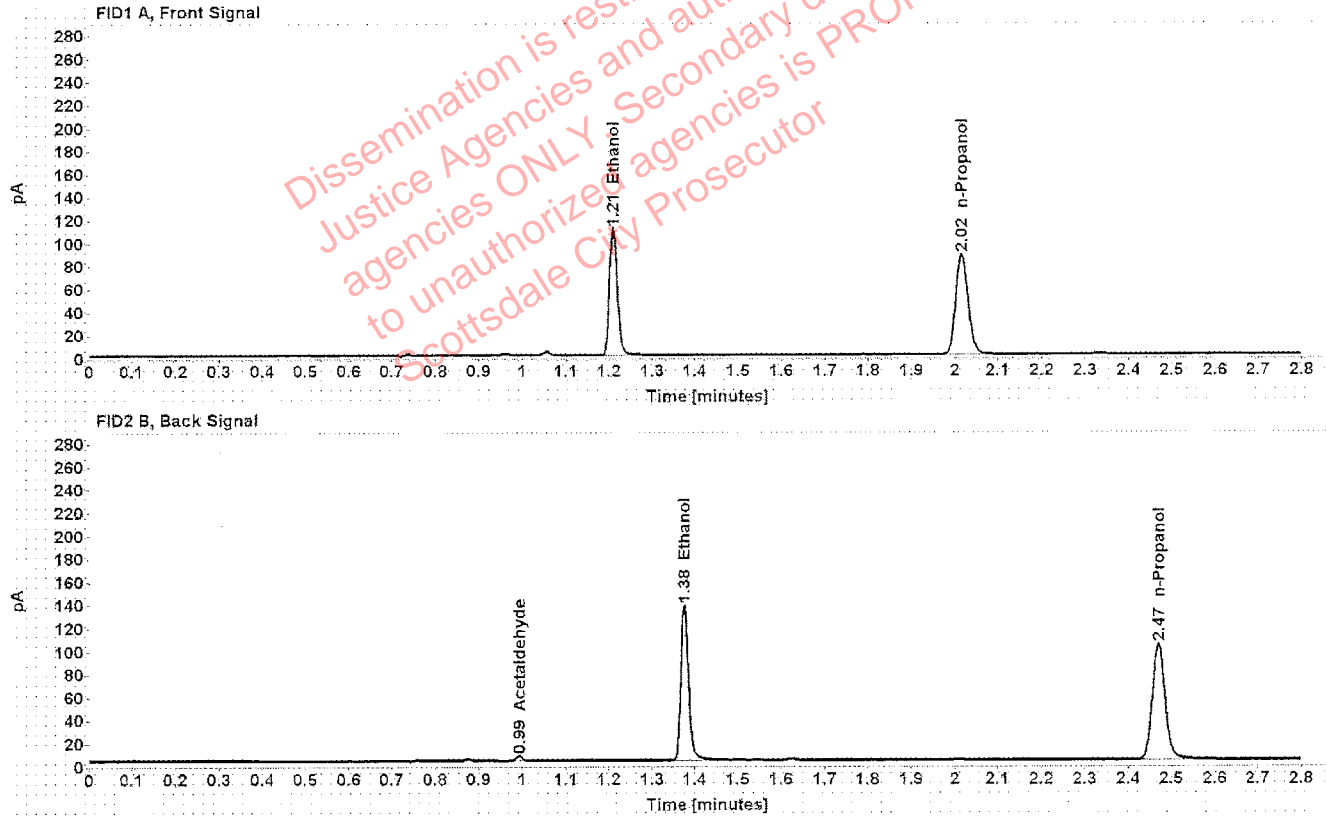


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2252	1.210	140.266
n-Propanol	-----	2.016	172.962

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.840
Ethanol	1.376	173.207
n-Propanol	2.470	207.261

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	13124689 20031620	Vial:	39
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:49:47 PM
Data file:	C:\Chem32\1\Data\11Mar20\39.D	Analyst:	Canonico

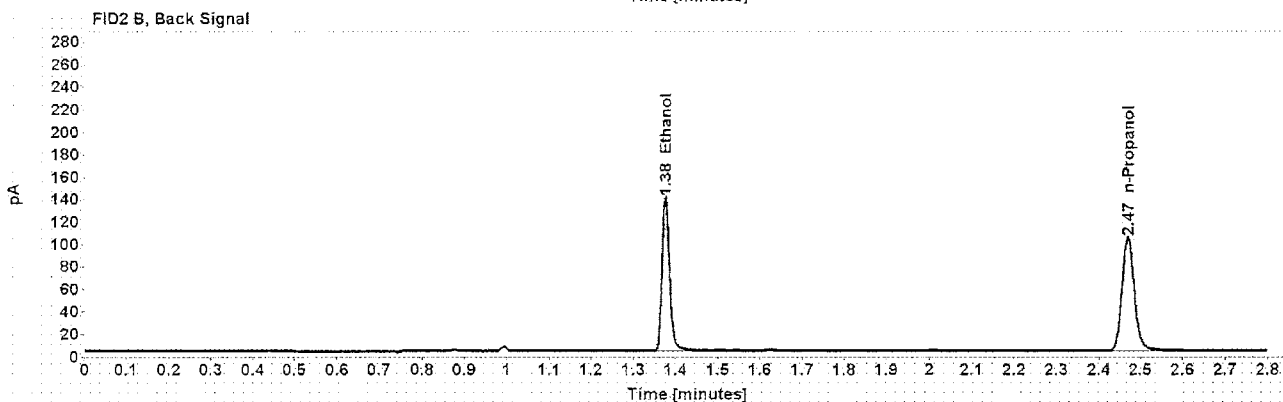
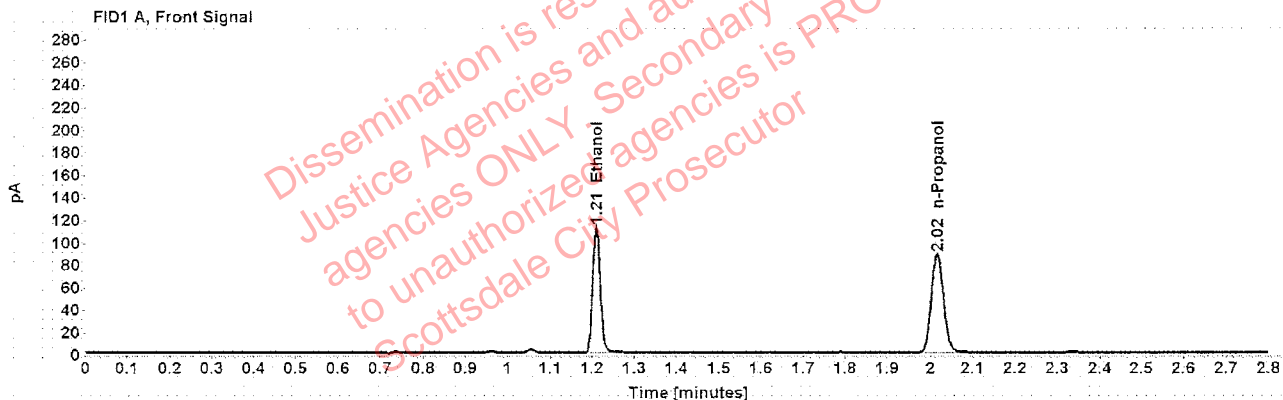


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2268	1.210	142.534
n-Propanol	-----	2.016	174.528

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

Compound	Time (min)	Peak Area
Ethanol	1.376	176.005
n-Propanol	2.470	210.137

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312912	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:53:47 PM
Data file:	C:\Chem32\1\Data\11Mar20\40.D	Analyst:	Canonico

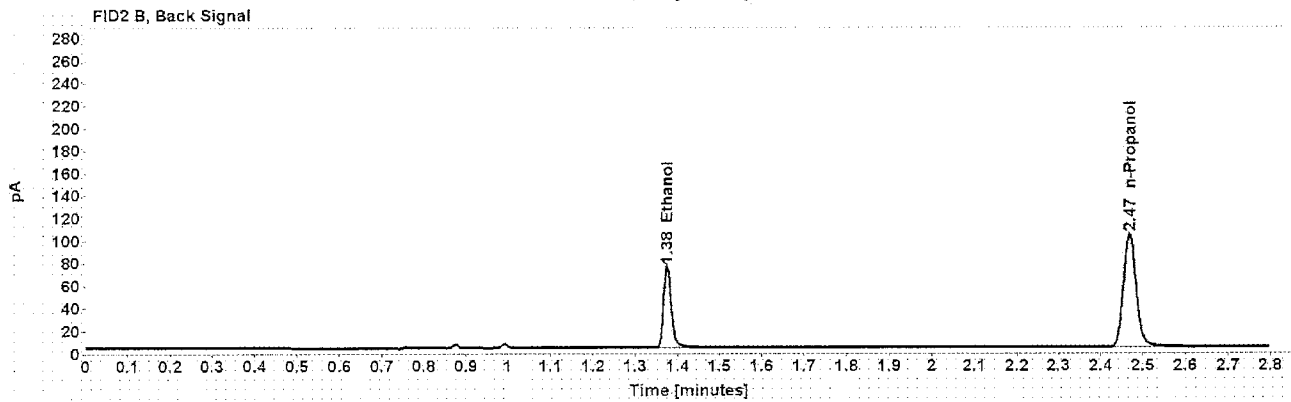
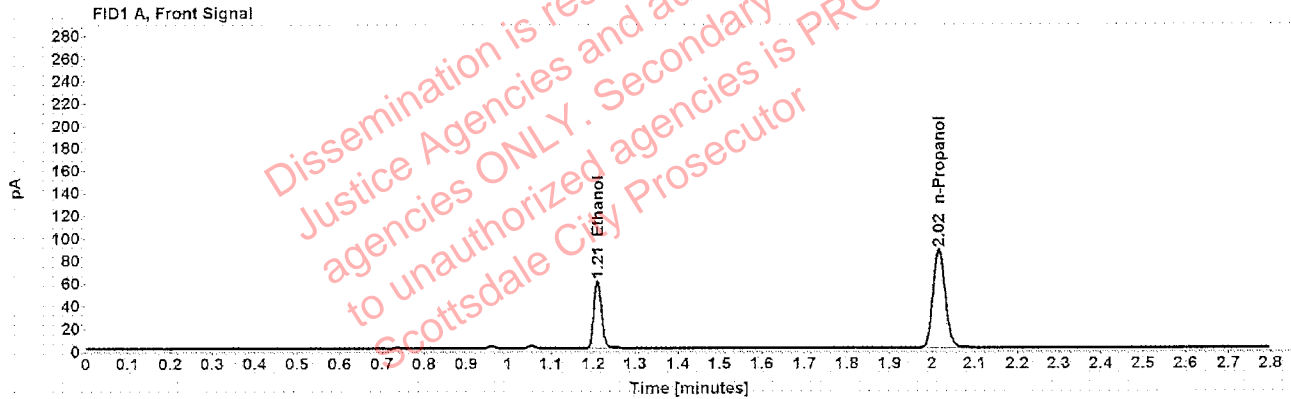


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1221	1.210	76.059
n-Propanol	-----	2.016	174.297

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

Compound	Time (min)	Peak Area
Ethanol	1.375	92.536
n-Propanol	2.469	208.457

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1312912	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	11Mar20
Instrument:	US14173023 CN14160045	Injection date:	3/11/2020 3:57:48 PM
Data file:	C:\Chem32\1\Data\11Mar20\41.D	Analyst:	Canonico

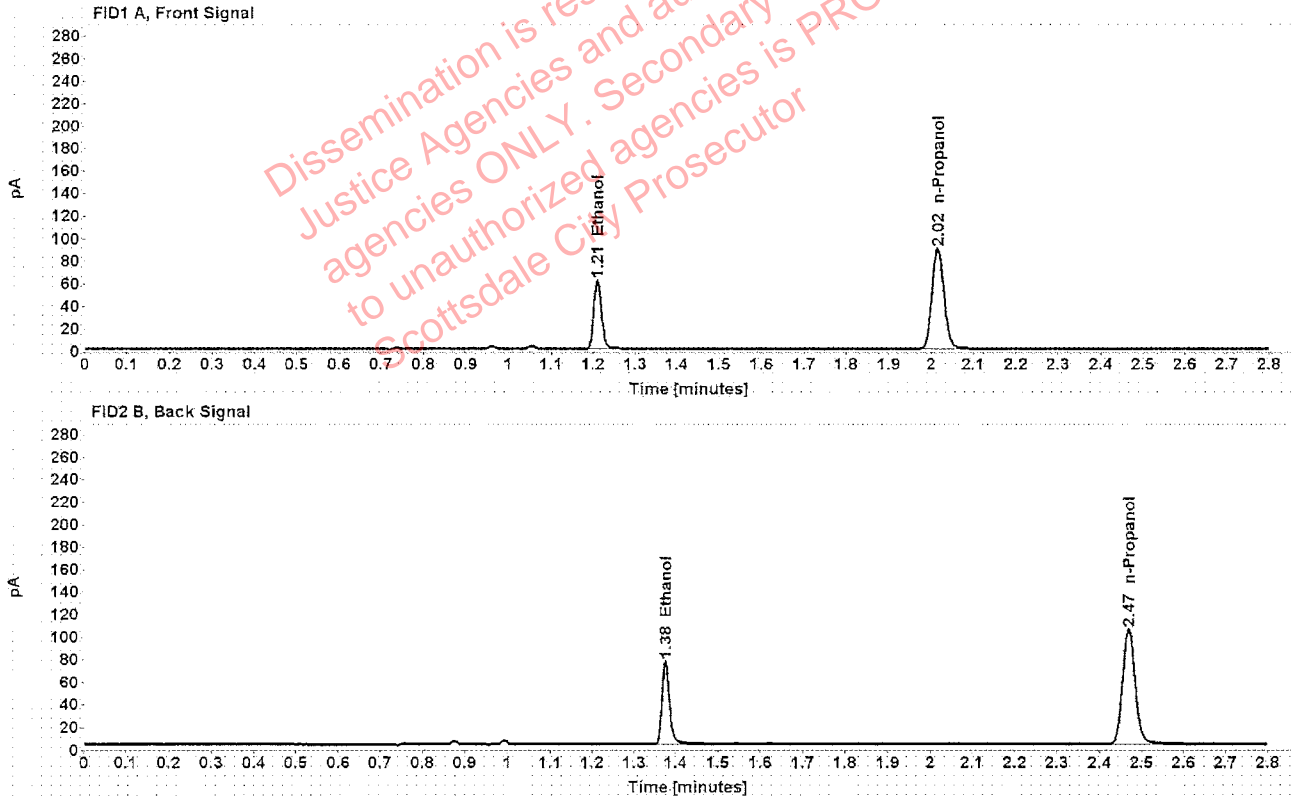


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1224	1.210	77.417
n-Propanol	-----	2.016	177.026

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

Compound	Time (min)	Peak Area
Ethanol	1.375	94.012
n-Propanol	2.469	212.141