

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 04/29/2020 SEQUENCE NAME 29Apr20

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 1.00000
 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	0.400 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.150 g/dL	0.150 g/dL	Lipomed 14082019-C
36	Aqueous control	0.400 g/dL	0.410 g/dL	Lipomed 11092018-A
37	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 14082019-B
38	Blood control	0.198 g/dL	0.200 g/dL	ACQ 407041529/13
39	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 12 Subjects requiring reanalysis 12

ADDITIONAL NOTES: Methanol was detected in the 0.150 control. All cases will be reanalyzed.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 29Apr20

ANALYST: Canonico

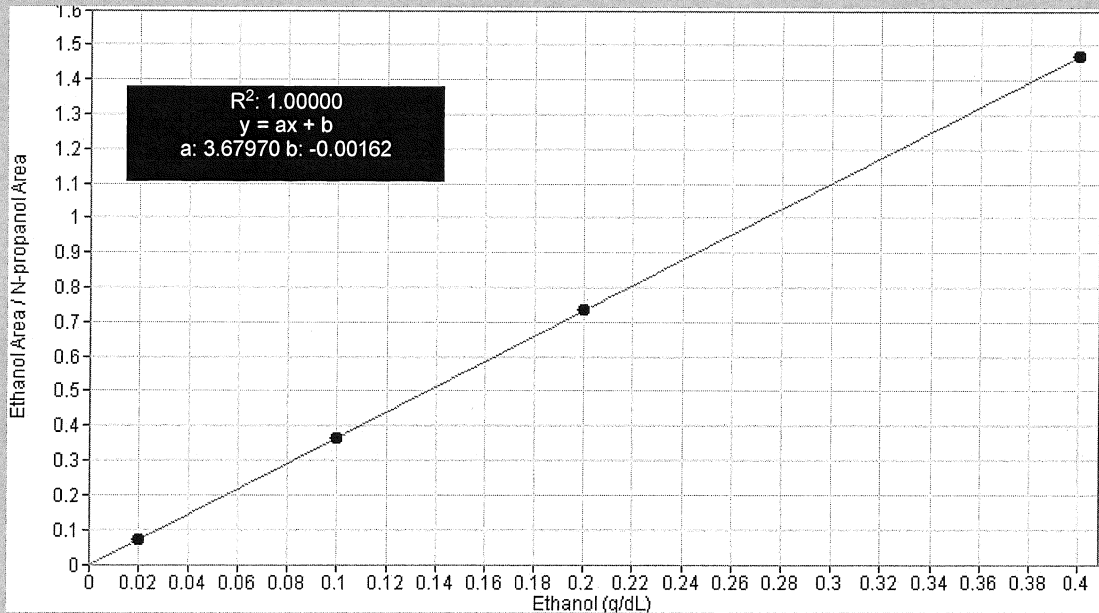
ee

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	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.200	0.198	1.01	0.002
0.080 03102016-A/1	20	0.081	0.080	1.25	0.001
0.150 14082019-C	31	0.150	0.150	0.00	0.000
0.400 11092018-A	36	0.410	0.400	2.50	0.010
0.040 14082019-B	37	0.039	0.040	2.50	-0.001
0.198 407041529/13	38	0.200	0.198	1.01	0.002
blank 040919WB	39	negative	negative	-	-

Dissemination of restricted Criminal Justice Agency and authorized dissemination to unauthorized agencies is PROHIBITED.

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.902	166.546	0.072
0.100	61.732	168.672	0.366
0.200	123.150	167.358	0.736
0.400	242.022	164.684	1.470

Calibration Line



VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03241604	Vial:	1
Description:	0.020 calibrator	Sequence:	29Apr20
Method:	ethanol quant.M	Injection date:	4/29/2020 9:46:32 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\29Apr20\1.D		

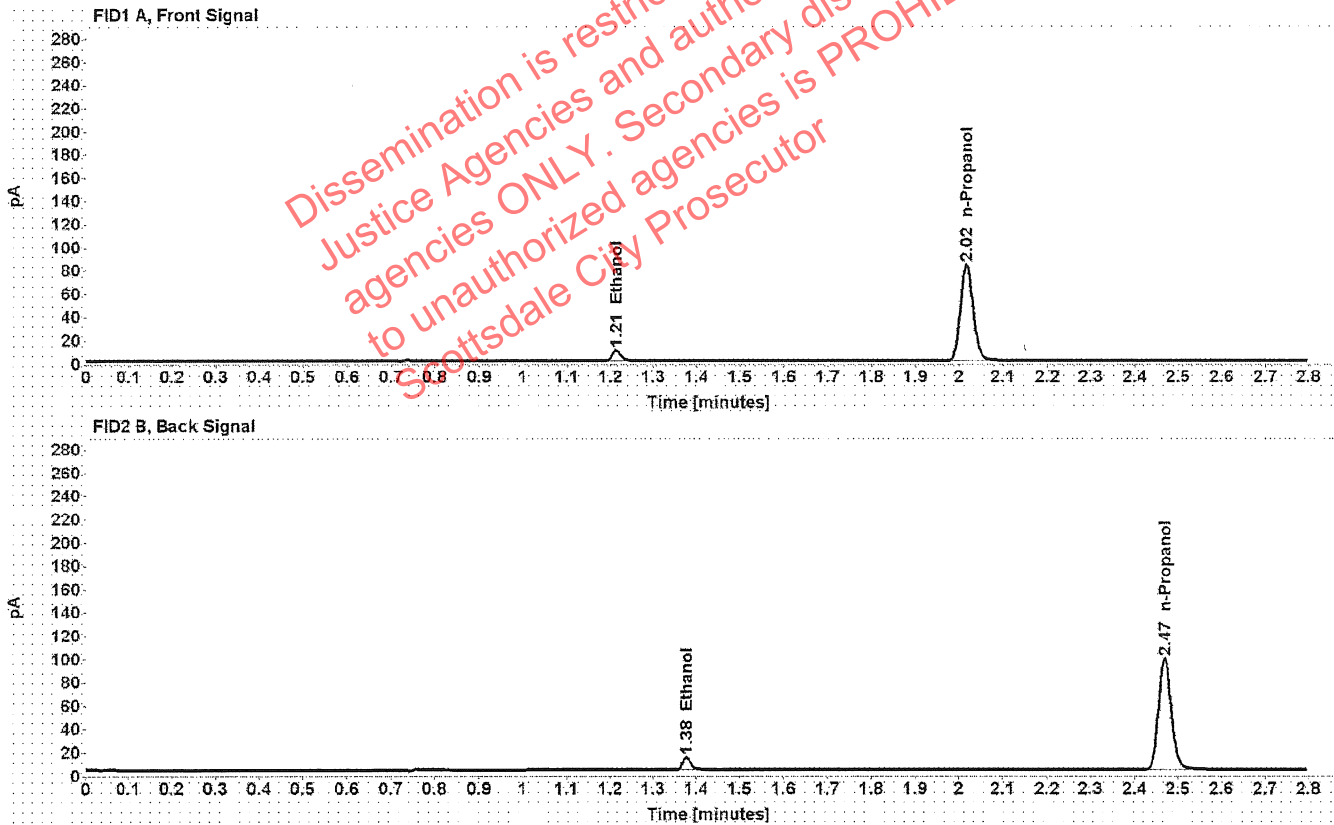


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.902
n-Propanol	2.017	166.546

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

Compound	Time (min)	Peak Area
Ethanol	1.378	14.353
n-Propanol	2.469	196.914

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02271802	Vial: 2
Description: 0.100 calibrator	Sequence: 29Apr20
Method: ethanol quant.M	Injection date: 4/29/2020 9:50:31 AM
Instrument: US14173023 CN14160045	Analyst: Canonico <i>ee</i>
Data file: C:\Chem32\1\Data\29Apr20\2.D	

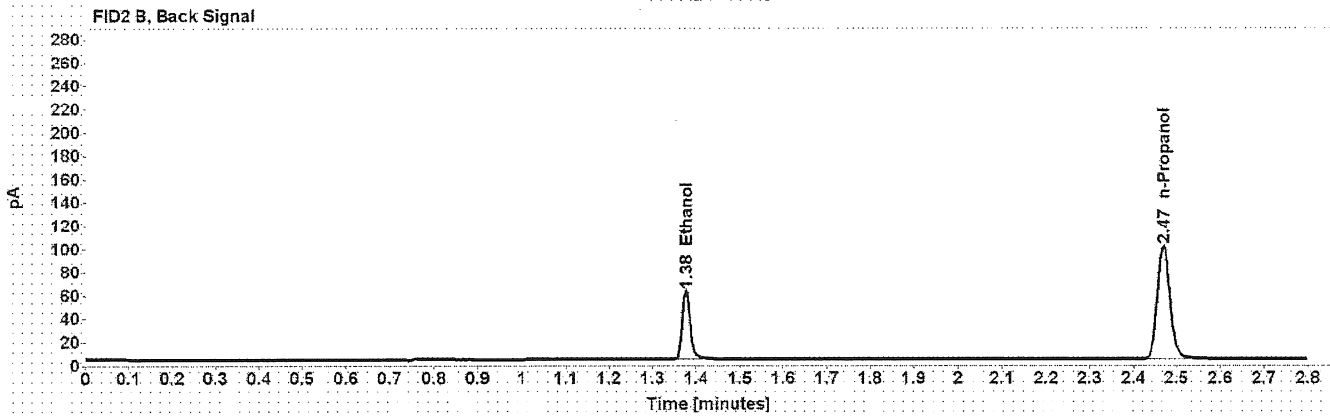
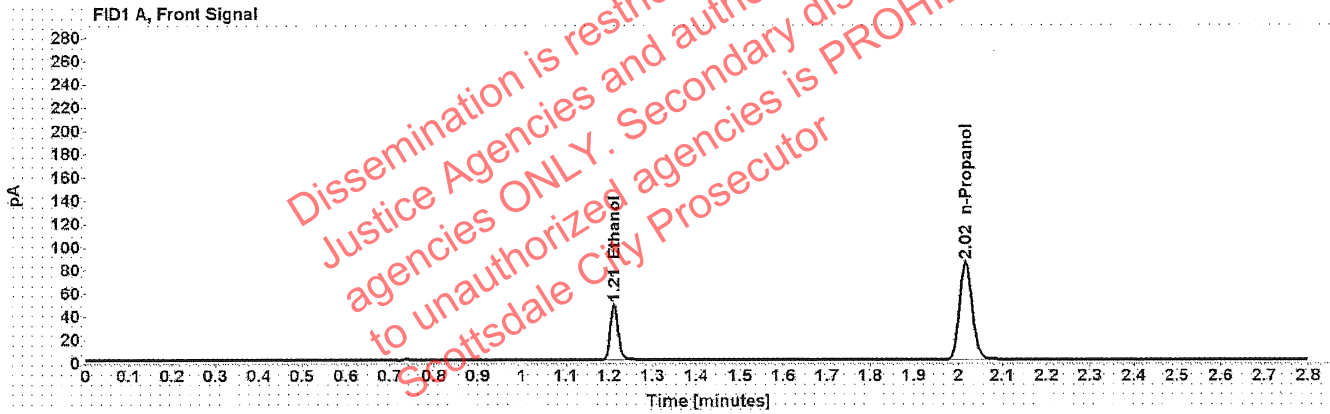


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	61.732
n-Propanol	2.017	168.672

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

Compound	Time (min)	Peak Area
Ethanol	1.377	75.110
n-Propanol	2.470	200.662

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06231704	Vial:	3
Description:	0.200 calibrator	Sequence:	29Apr20
Method:	ethanol quant.M	Injection date:	4/29/2020 9:54:33 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\29Apr20\3.D		

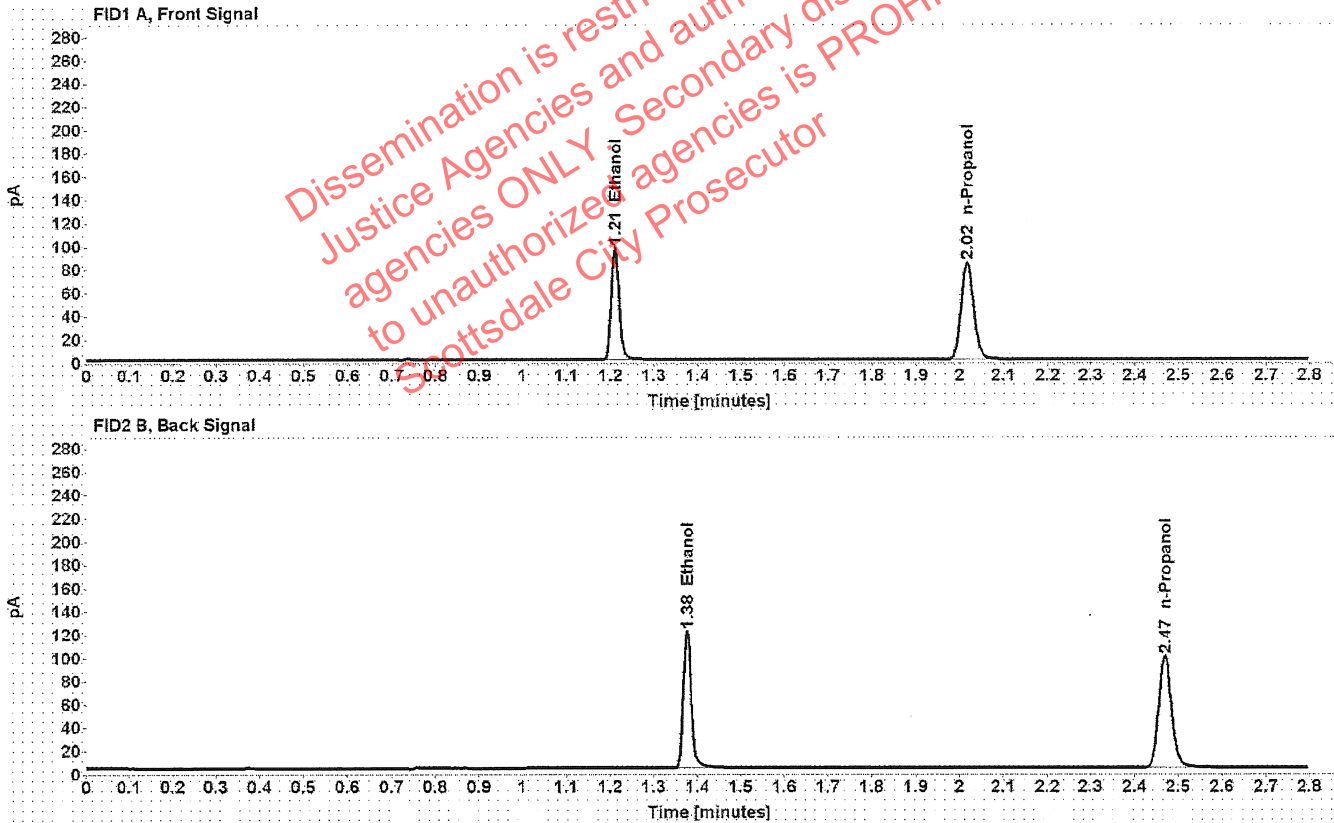


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	123.150
n-Propanol	2.017	167.358

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

Compound	Time (min)	Peak Area
Ethanol	1.376	150.685
n-Propanol	2.469	199.630

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05131606	Vial: 4
Description: 0.400 calibrator	Sequence: 29Apr20
Method: ethanol quant.M	Injection date: 4/29/2020 9:58:32 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\29Apr20\4.D	

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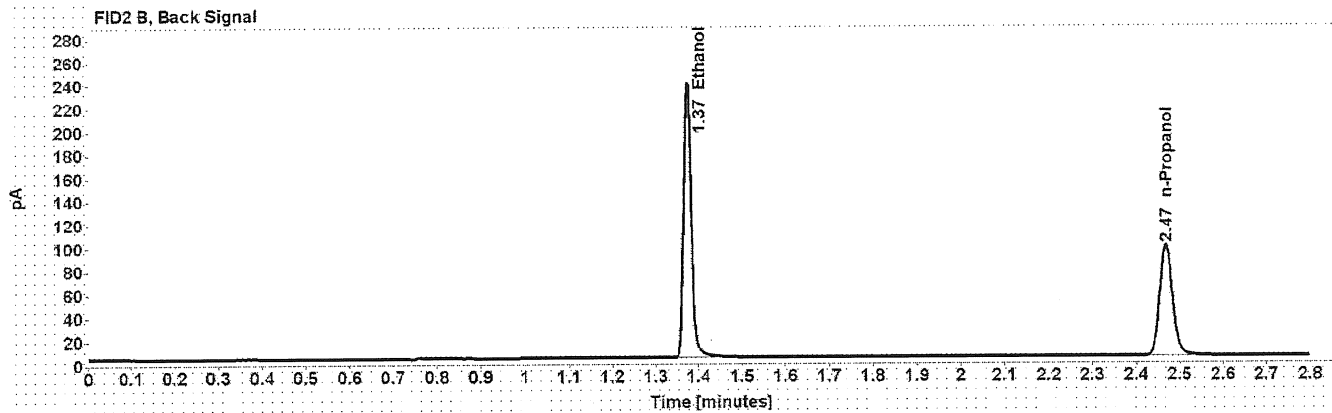
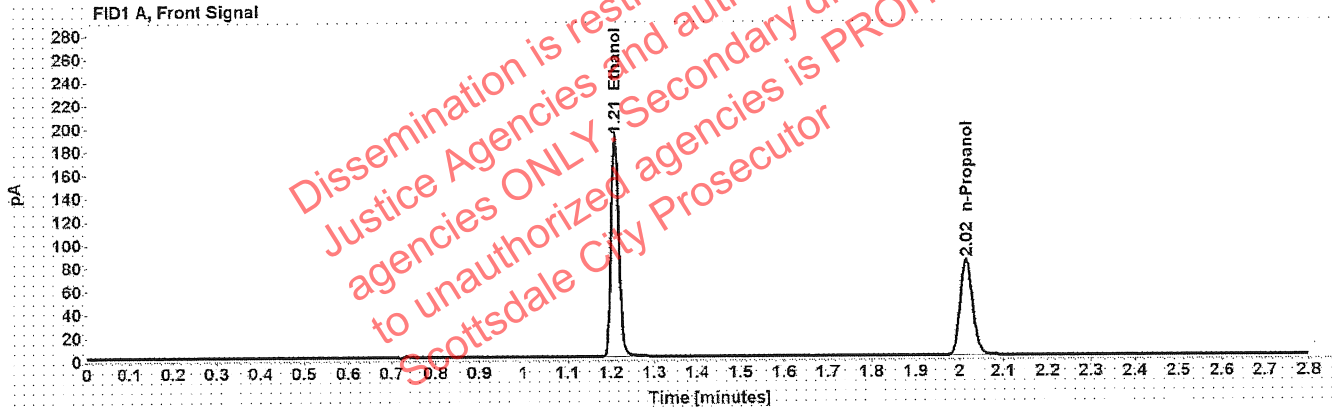


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	242.022
n-Propanol	2.016	164.684

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

Compound	Time (min)	Peak Area
Ethanol	1.374	298.040
n-Propanol	2.468	196.679

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040720	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:02:33 AM
Data file:	C:\Chem32\1\Data\29Apr20\5.D	Analyst:	Canonico <i>ec</i>

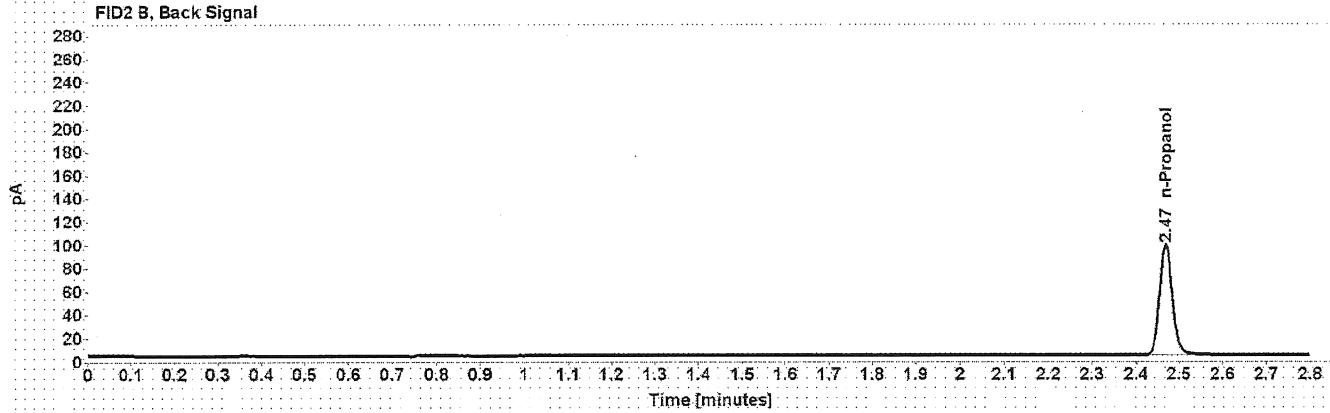
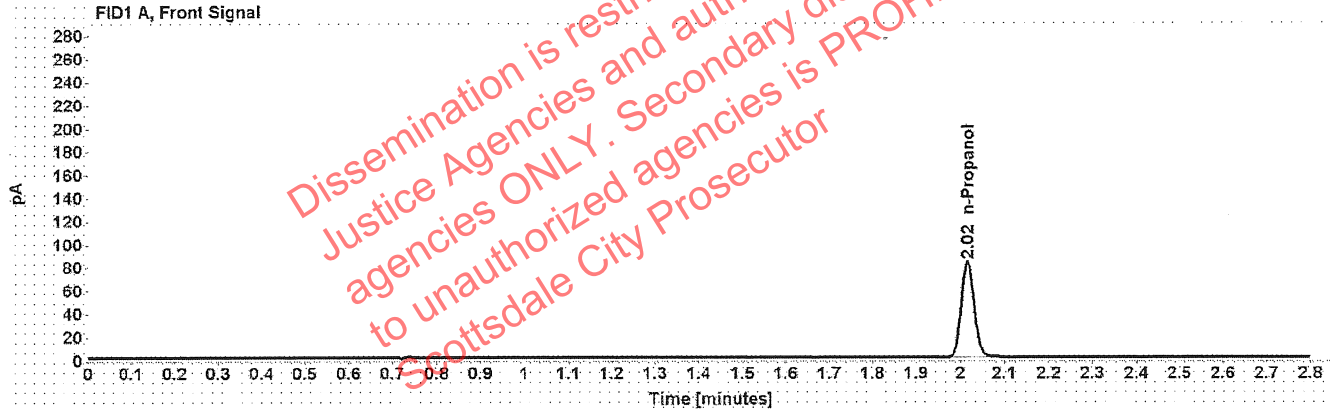


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	165.299

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

Compound	Time (min)	Peak Area
n-Propanol	2.469	196.707

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	070819	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:06:31 AM
Data file:	C:\Chem32\1\Data\29Apr20\6.D	Analyst:	Canonico ee

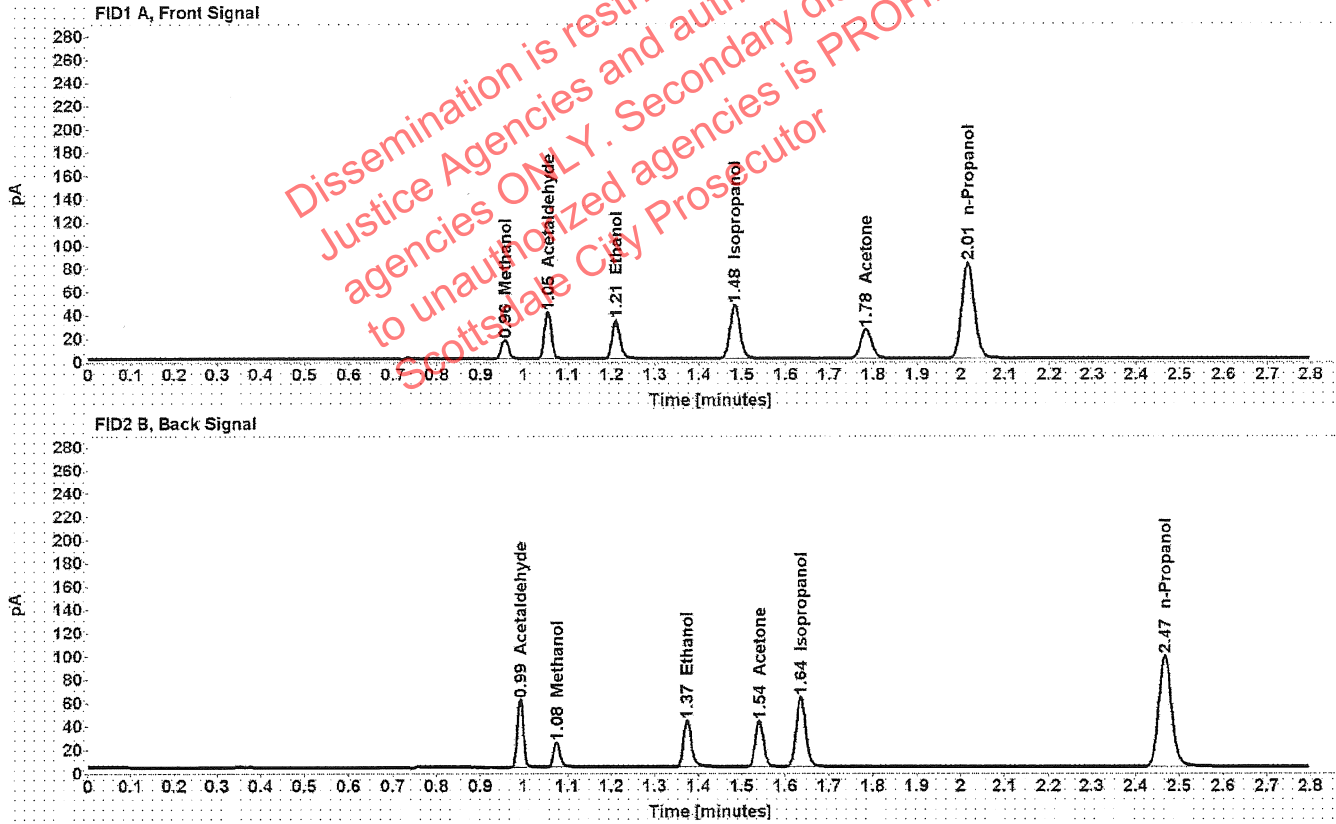


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.556
Acetaldehyde	-----	1.054	44.159
>Ethanol	0.0696	1.210	42.022
Isopropanol	-----	1.483	73.958
Acetone	-----	1.783	43.274
n-Propanol	-----	2.015	165.130

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	56.837
Methanol	1.075	23.445
Ethanol	1.374	51.045
Acetone	1.540	52.018
Isopropanol	1.636	91.897
n-Propanol	2.467	197.333

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 29Apr20
Instrument: US14173023 CN14160045	Injection date: 4/29/2020 10:10:47 AM
Data file: C:\Chem32\1\Data\29Apr20\7.D	Analyst: Canonico <i>EC</i>

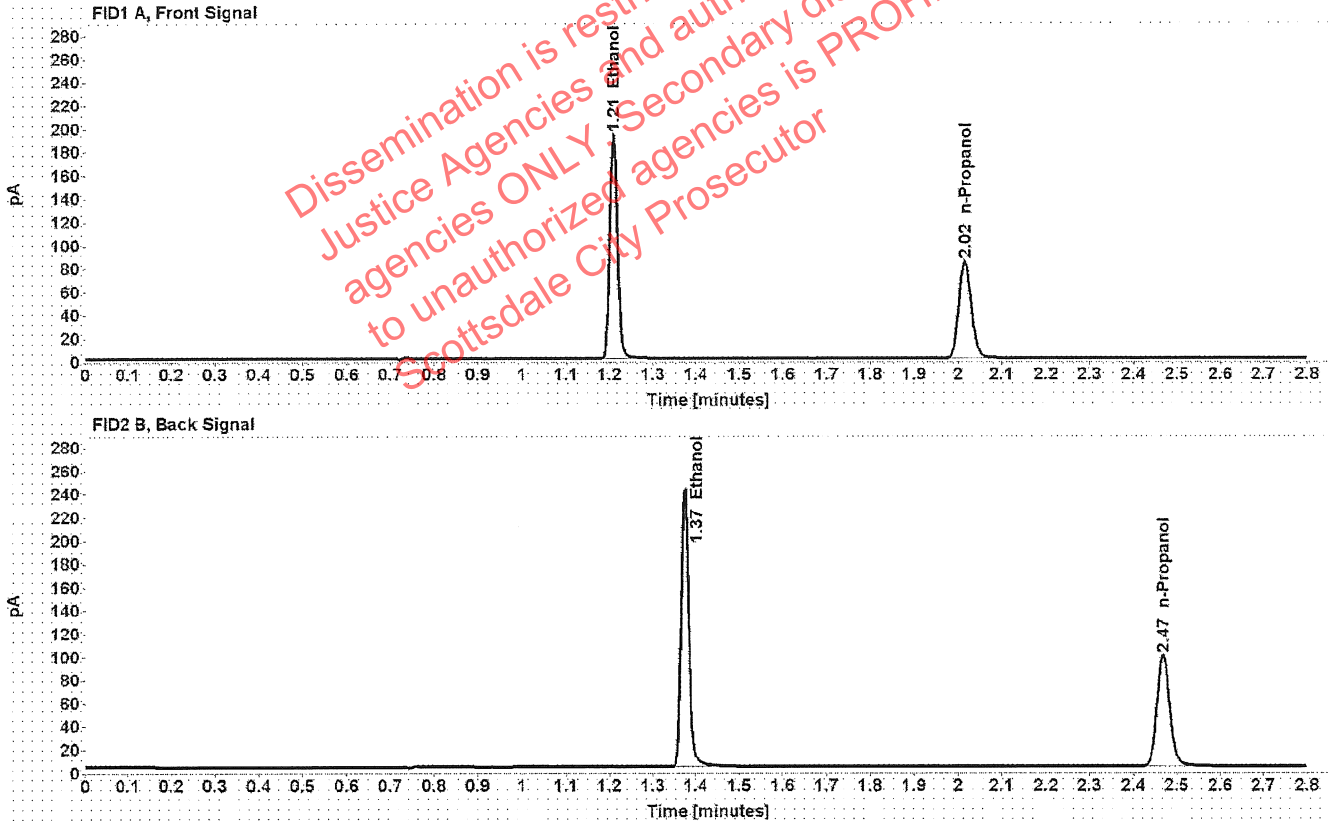


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4007	1.209	245.870
n-Propanol	-----	2.016	166.945

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

Compound	Time (min)	Peak Area
Ethanol	1.374	302.163
n-Propanol	2.468	199.353

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:14:47 AM
Data file:	C:\Chem32\1\Data\29Apr20\8.D	Analyst:	Canonico <i>ee</i>

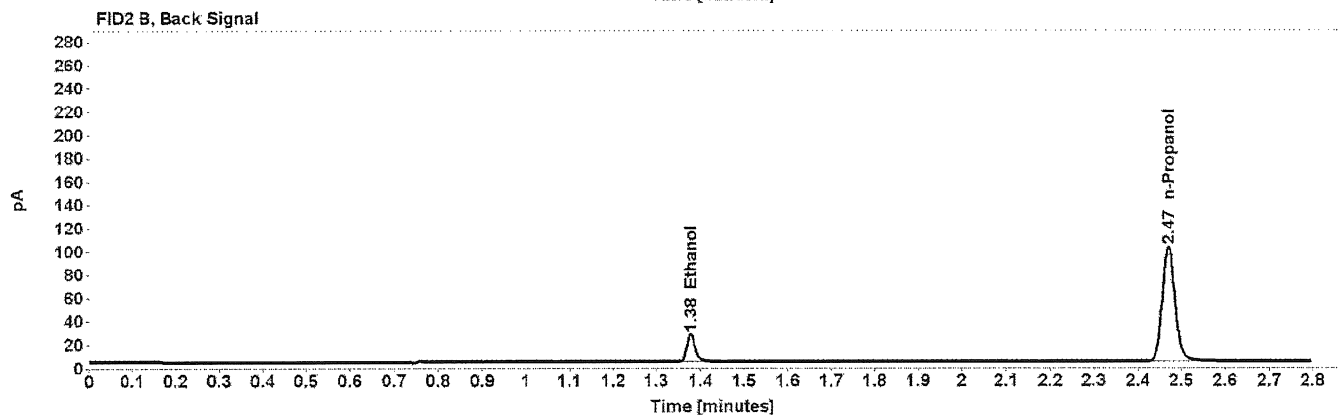
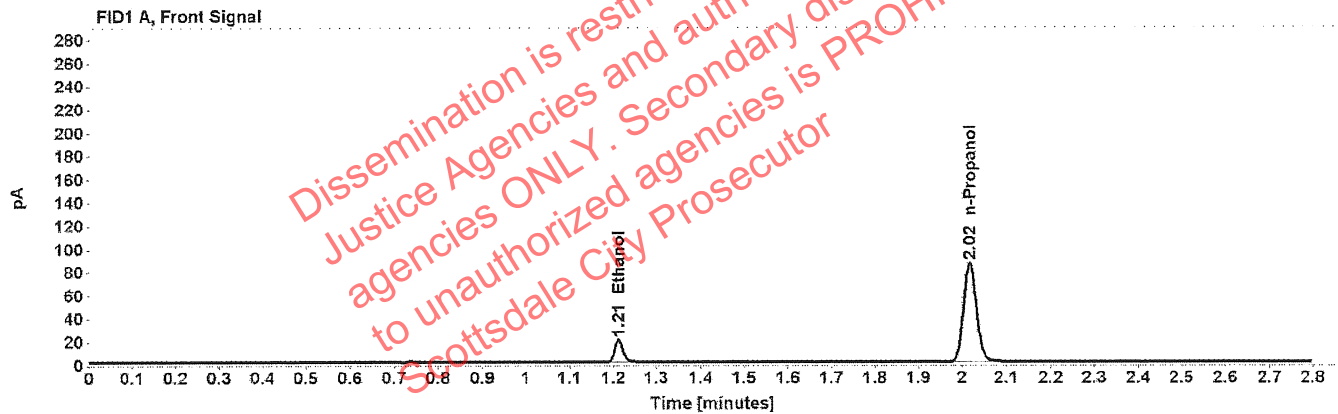


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.212	25.452
n-Propanol	-----	2.017	171.342

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

Compound	Time (min)	Peak Area
Ethanol	1.378	30.609
n-Propanol	2.470	204.035

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	9
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:18:47 AM
Data file:	C:\Chem32\1\Data\29Apr20\9.D	Analyst:	Canonico <i>EC</i>

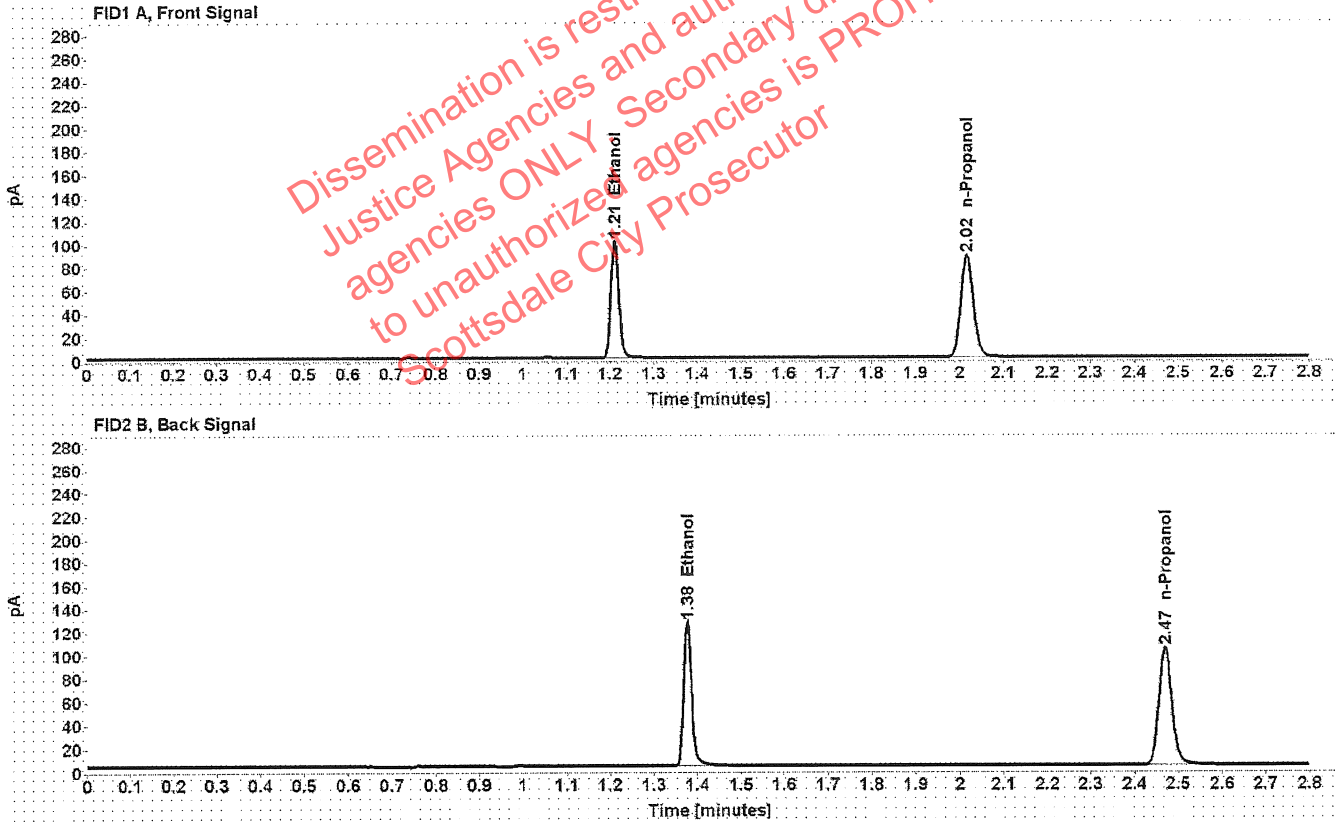


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2003	1.211	129.293
n-Propanol	-----	2.017	175.785

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

Compound	Time (min)	Peak Area
Ethanol	1.376	158.017
n-Propanol	2.470	209.740

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 29Apr20
Instrument: US14173023 CN14160045	Injection date: 4/29/2020 11:03:17 AM
Data file: C:\Chem32\1\Data\29Apr20\20.D	Analyst: Canonico <i>ee</i>

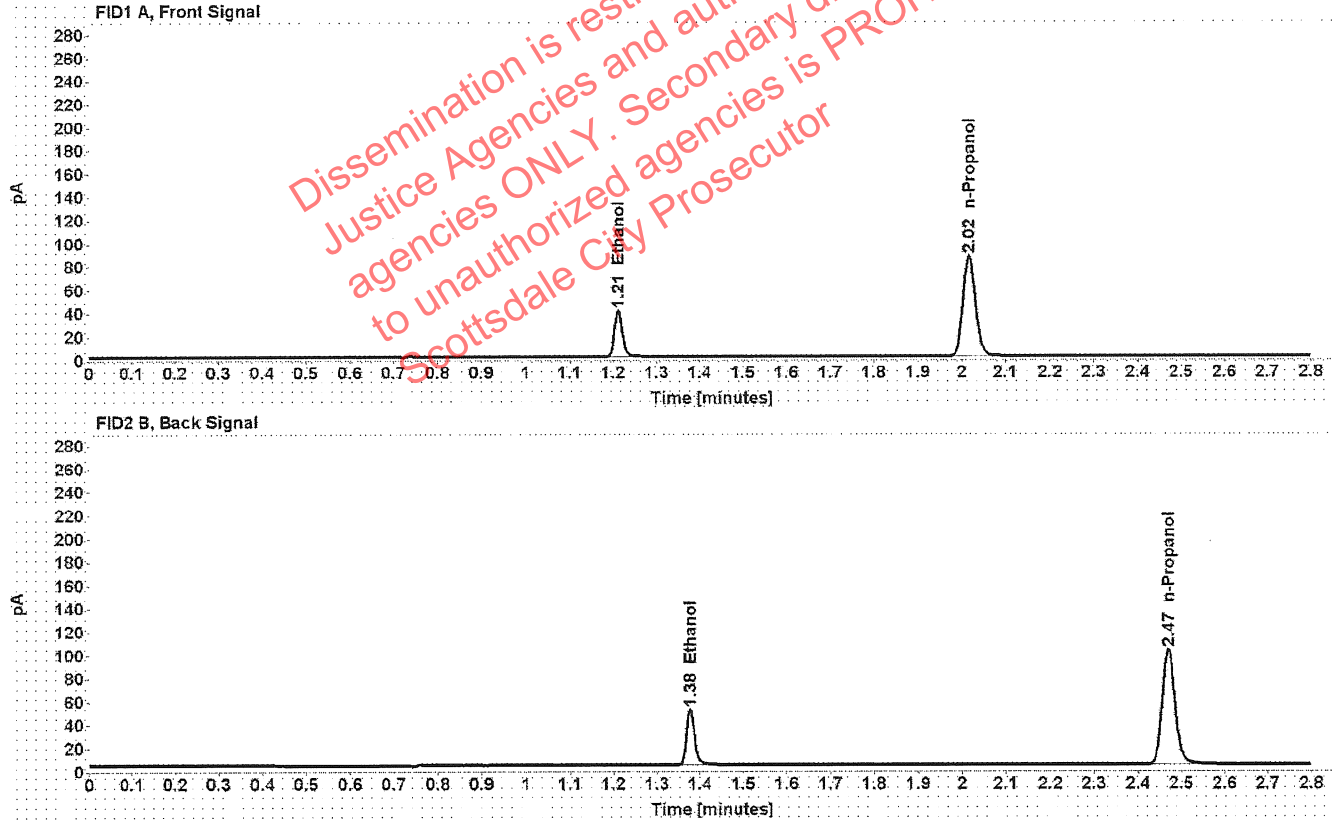


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.211	51.096
n-Propanol	-----	2.017	172.232

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

Compound	Time (min)	Peak Area
Ethanol	1.377	62.058
n-Propanol	2.470	205.528

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-C	Vial:	31
Description:	0.150	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:47:47 AM
Data file:	C:\Chem32\1\Data\29Apr20\31.D	Analyst:	Canonico <i>EL</i>

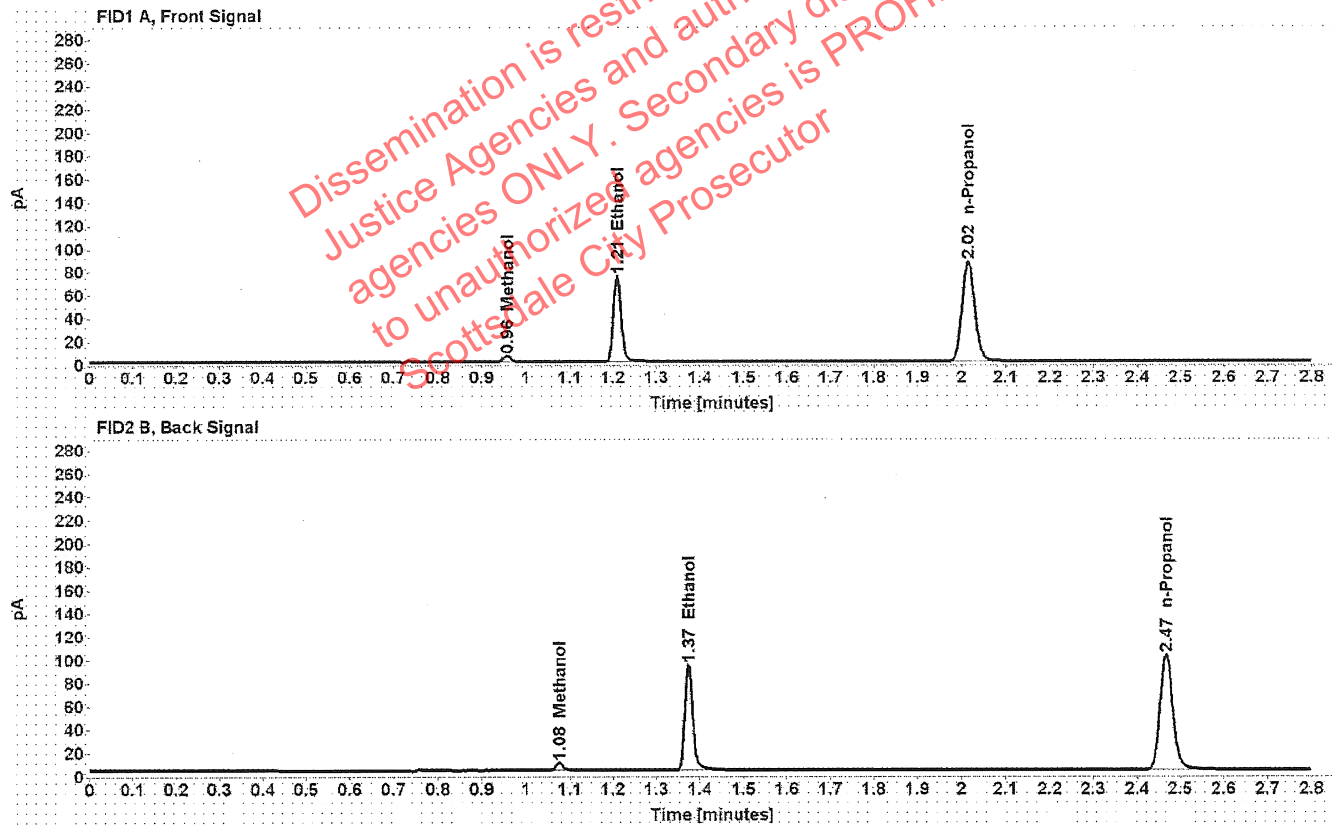


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	5.449
>Ethanol	0.1504	1.209	95.353
n-Propanol	-----	2.015	172.835

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

Compound	Time (min)	Peak Area
Methanol	1.076	7.066
Ethanol	1.374	116.565
n-Propanol	2.467	206.347

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 36
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 29Apr20
Instrument: US14173023 CN14160045	Injection date: 4/29/2020 12:07:46 PM
Data file: C:\Chem32\1\Data\29Apr20\36.D	Analyst: Canonico <i>EC</i>

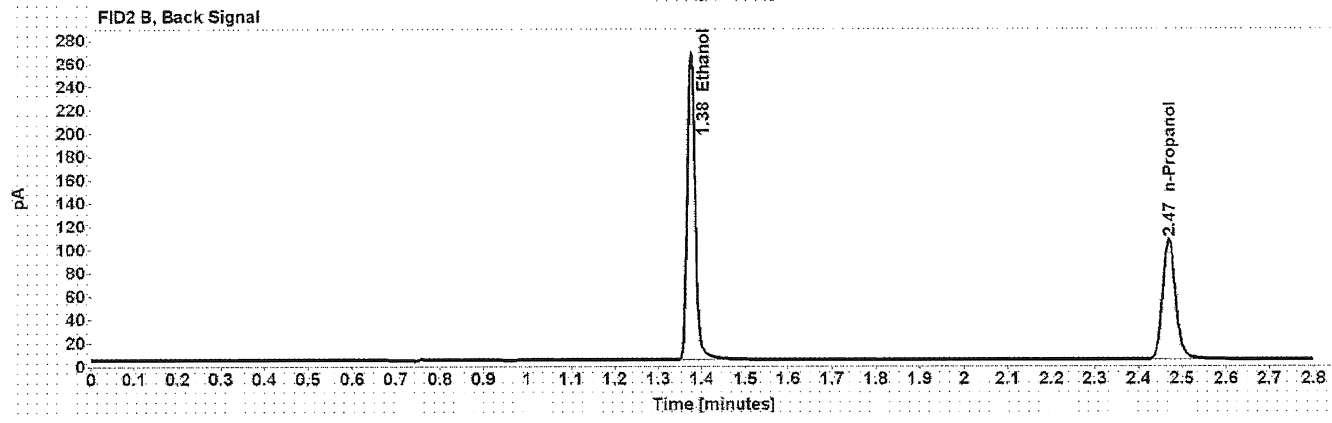
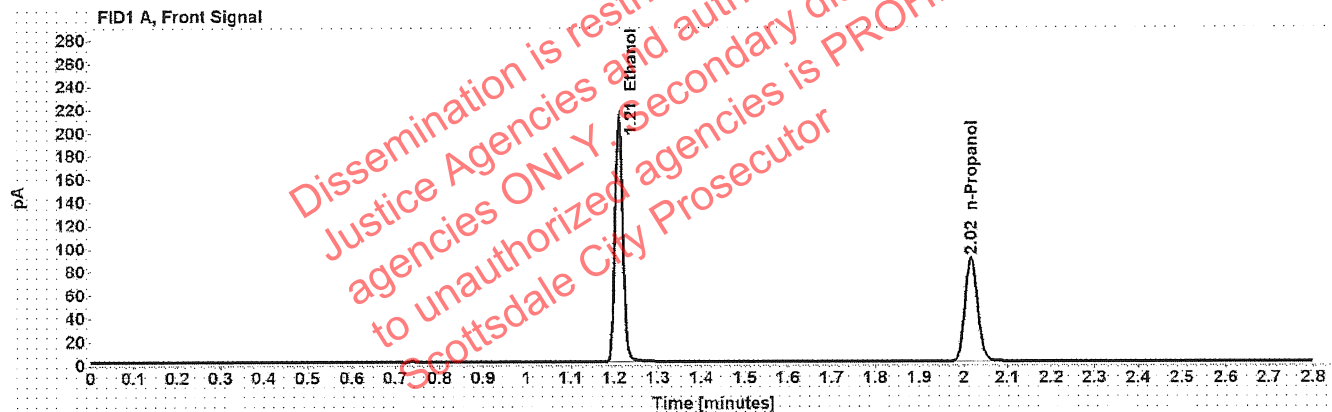


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4103	1.210	269.616
n-Propanol	-----	2.016	178.791

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

Compound	Time (min)	Peak Area
Ethanol	1.376	333.051
n-Propanol	2.470	214.561

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	37
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 12:12:02 PM
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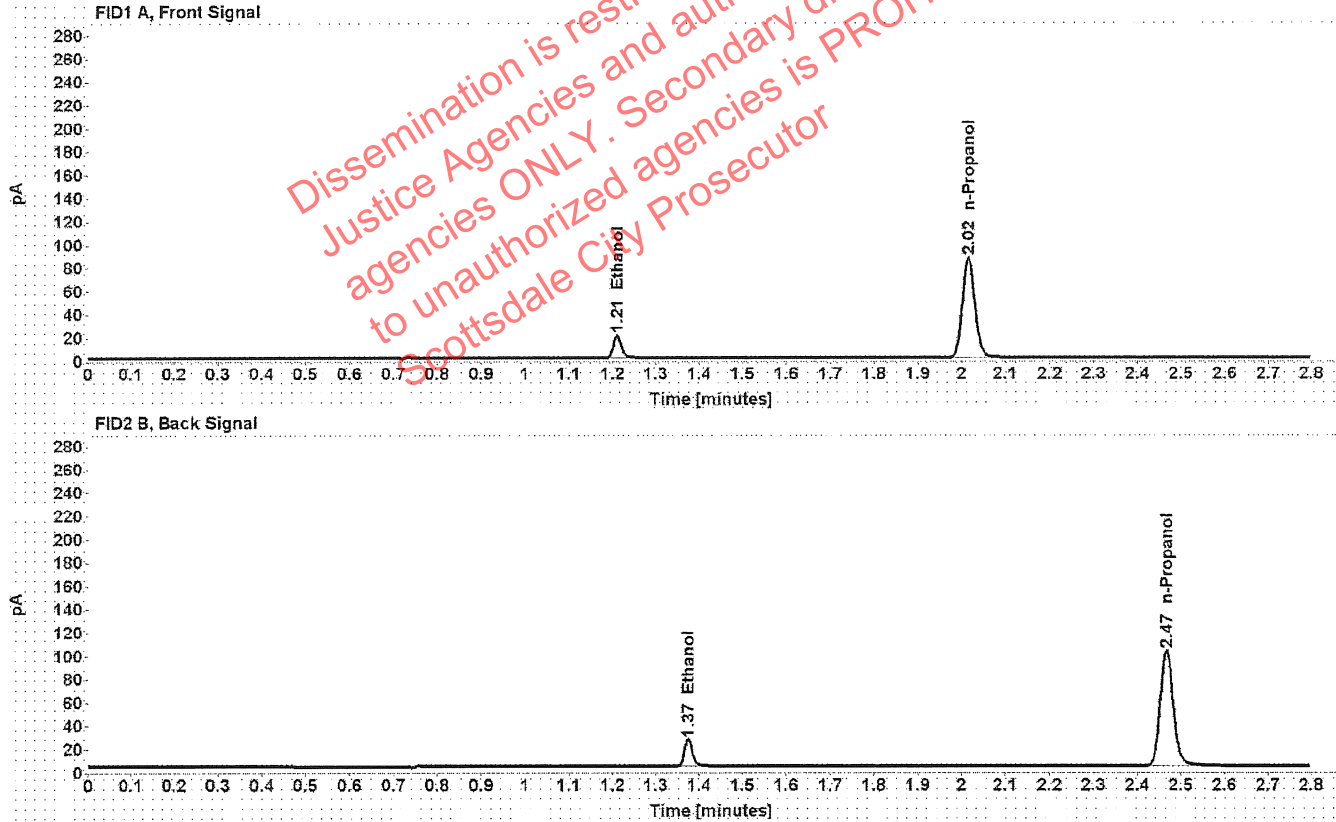


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.211	24.978
n-Propanol	-----	2.015	172.293

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

Compound	Time (min)	Peak Area
Ethanol	1.375	30.214
n-Propanol	2.467	205.535

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	407041529/13	Vial:	38
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 12:16:01 PM
Data file:	C:\Chem32\1\Data\29Apr20\38.D	Analyst:	Canonico <i>ee</i>

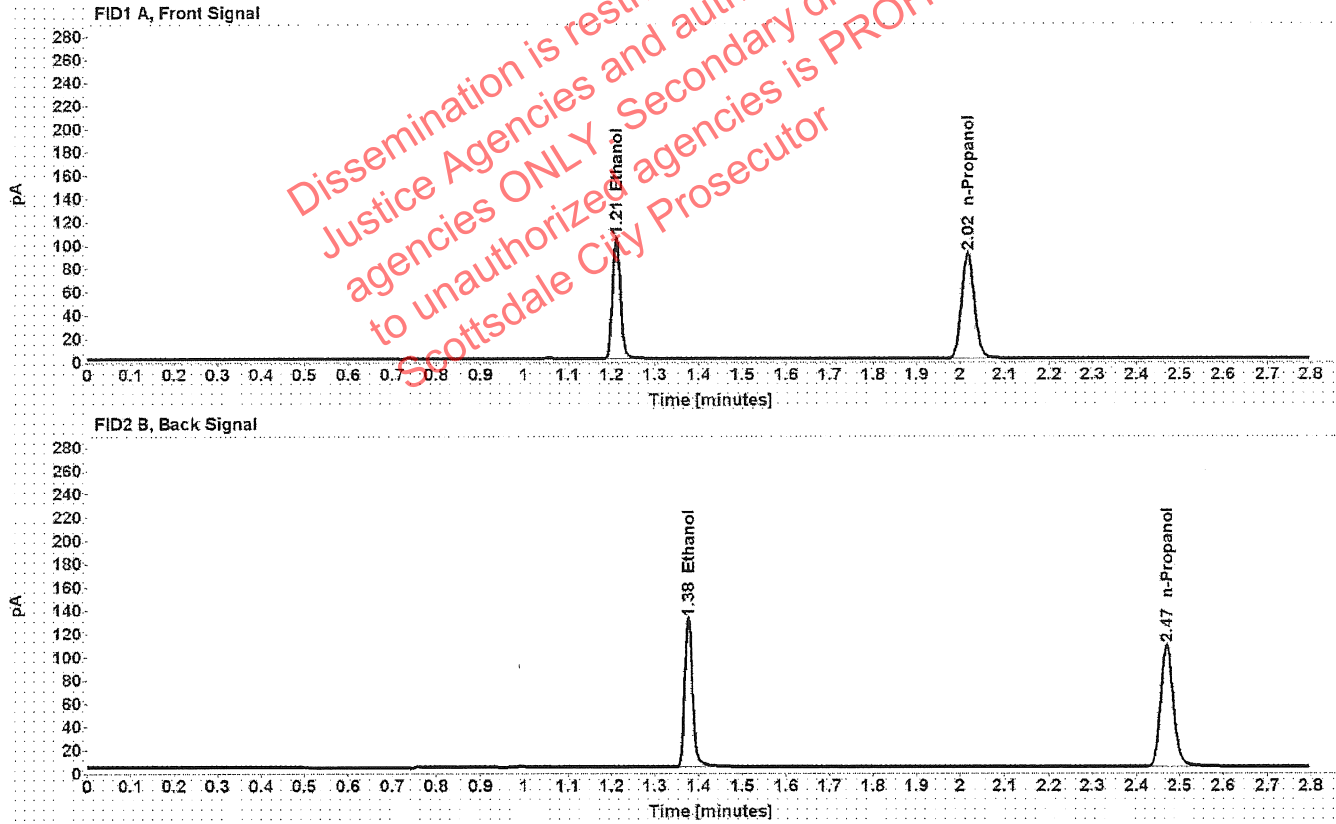


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2008	1.211	133.895
n-Propanol	-----	2.017	181.641

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

Compound	Time (min)	Peak Area
Ethanol	1.376	163.897
n-Propanol	2.470	217.598

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	040919WB	Vial:	39
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 12:20:01 PM
Data file:	C:\Chem32\1\Data\29Apr20\39.D	Analyst:	Canonico <i>ec</i>

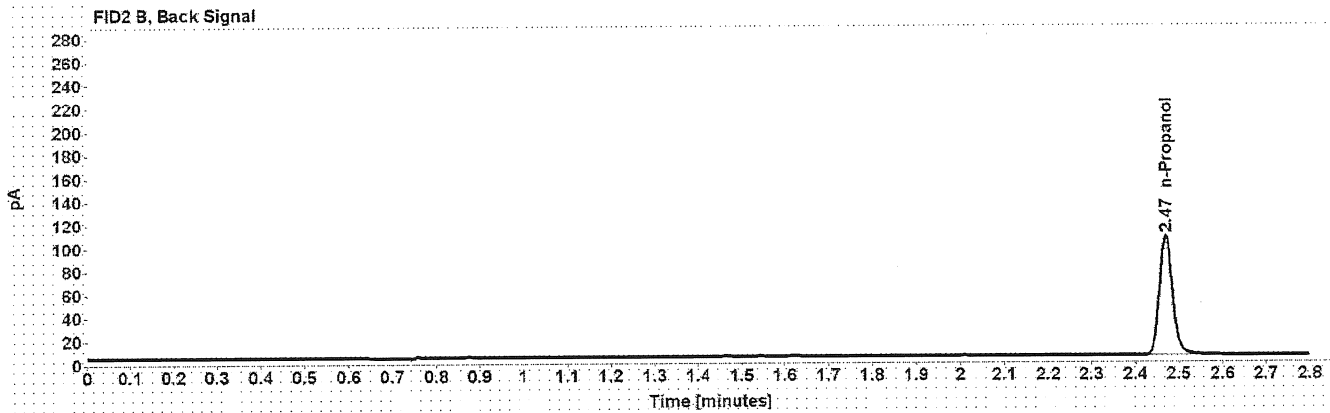
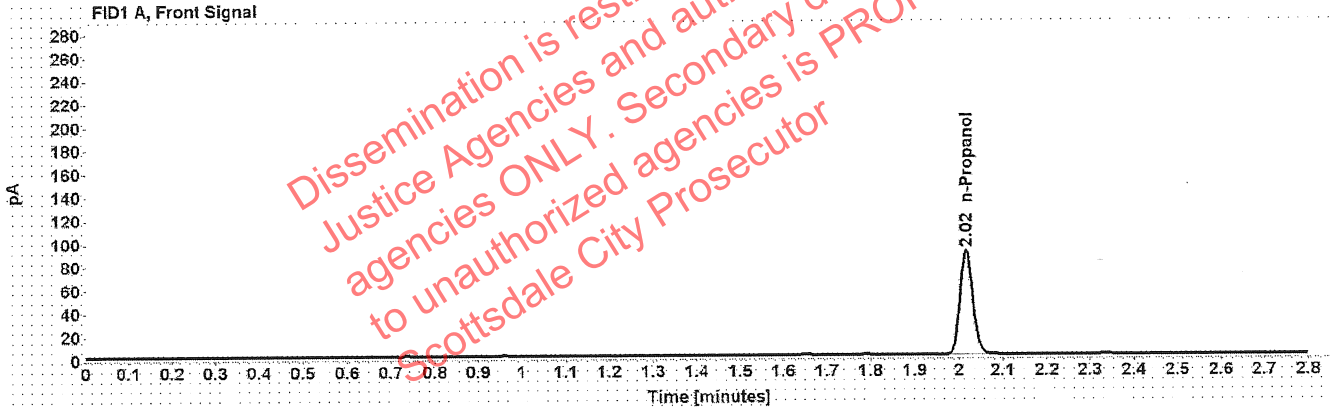


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	179.082

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	215.055

VOID

Sequence Summary

Sequence name: 29Apr20 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	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	14082019-C	0.150	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	11092018-A	0.400	Control		ethanol quant.M
37	14082019-B	0.040	Control		ethanol quant.M
38	407041529/13	0.198	Control		ethanol quant.M
39	040919WB	Negative	Control		ethanol quant.M

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VOID

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 29Apr20

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	0.0720	0.07220	0.28	0.00020
12 13	0.2256	0.2272	0.22640	0.35	0.00080
14 15	0.0810	0.0806	0.08080	0.25	0.00020
16 17	0.0901	0.0907	0.09040	0.33	0.00030
18 19	0.2609	0.2622	0.26155	0.25	0.00065
21 22	0.2252	0.2259	0.22555	0.16	0.00035
23 24	0.1140	0.1138	0.11390	0.09	0.00010
25 26	0.0445	0.0442	0.04435	0.34	0.00015
27 28	0.1207	0.1212	0.12095	0.21	0.00025
29 30	0.3036	0.3018	0.30270	0.30	0.00090
32 33	0.2336	0.2317	0.23265	0.41	0.00095
34 35	0.0604	0.0606	0.06050	0.17	0.00010

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

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VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	912851	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:22:48 AM
Data file:	C:\Chem32\1\Data\29Apr20\10.D	Analyst:	Canonico

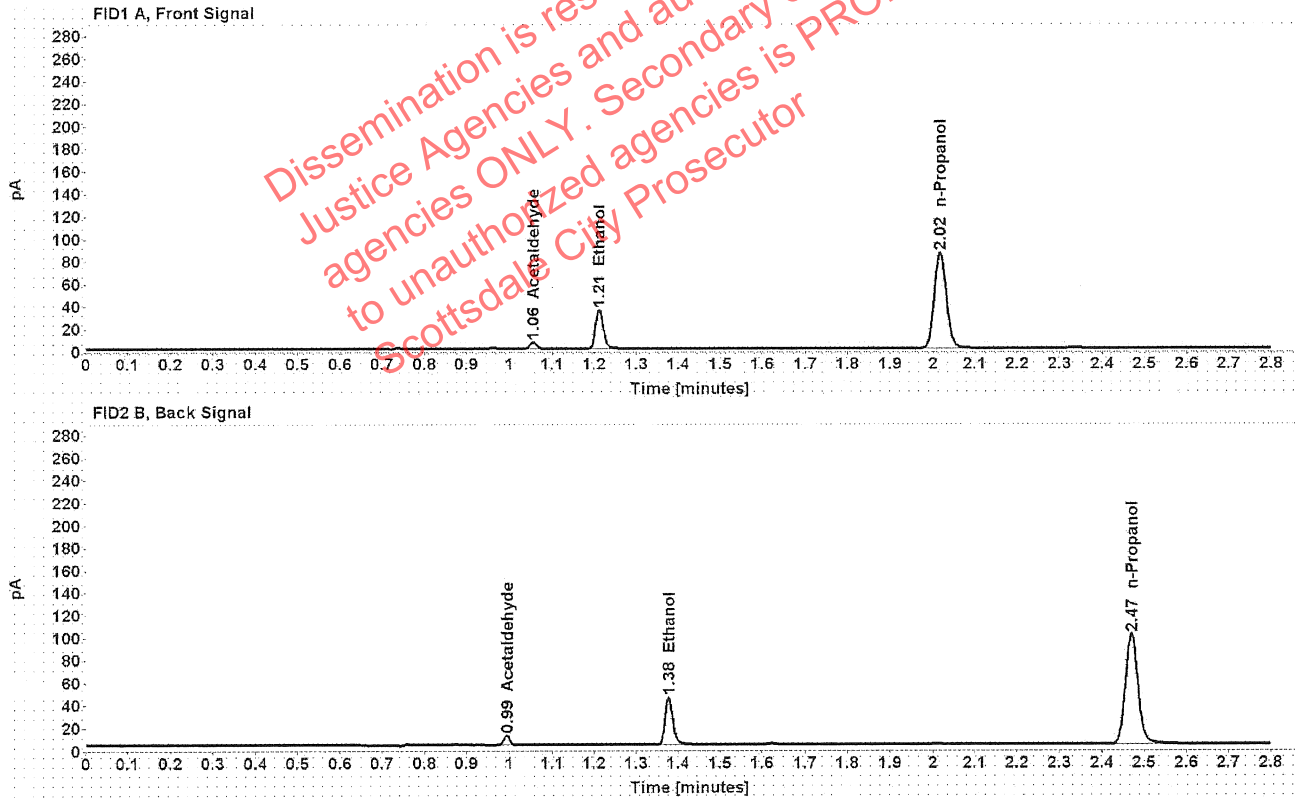


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	6.139
>Ethanol	0.0724	1.212	44.833
n-Propanol	-----	2.017	169.201

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.920
Ethanol	1.377	54.125
n-Propanol	2.470	202.790

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	912851	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:26:48 AM
Data file:	C:\Chem32\1\Data\29Apr20\11.D	Analyst:	Canonico

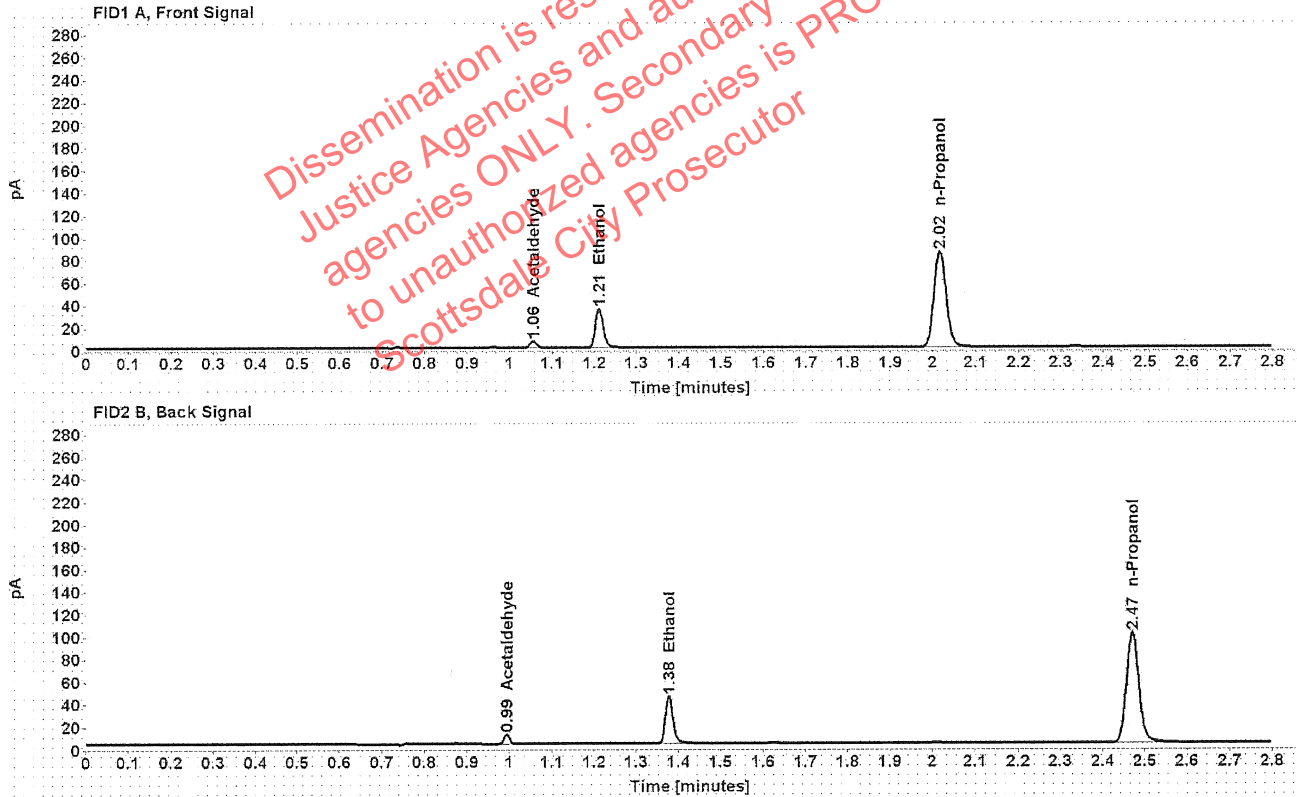


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	6.141
>Ethanol	0.0720	1.212	44.656
n-Propanol	-----	2.017	169.487

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.943
Ethanol	1.377	53.957
n-Propanol	2.470	203.125

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1274024	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:30:46 AM
Data file:	C:\Chem32\1\Data\29Apr20\12.D	Analyst:	Canonico

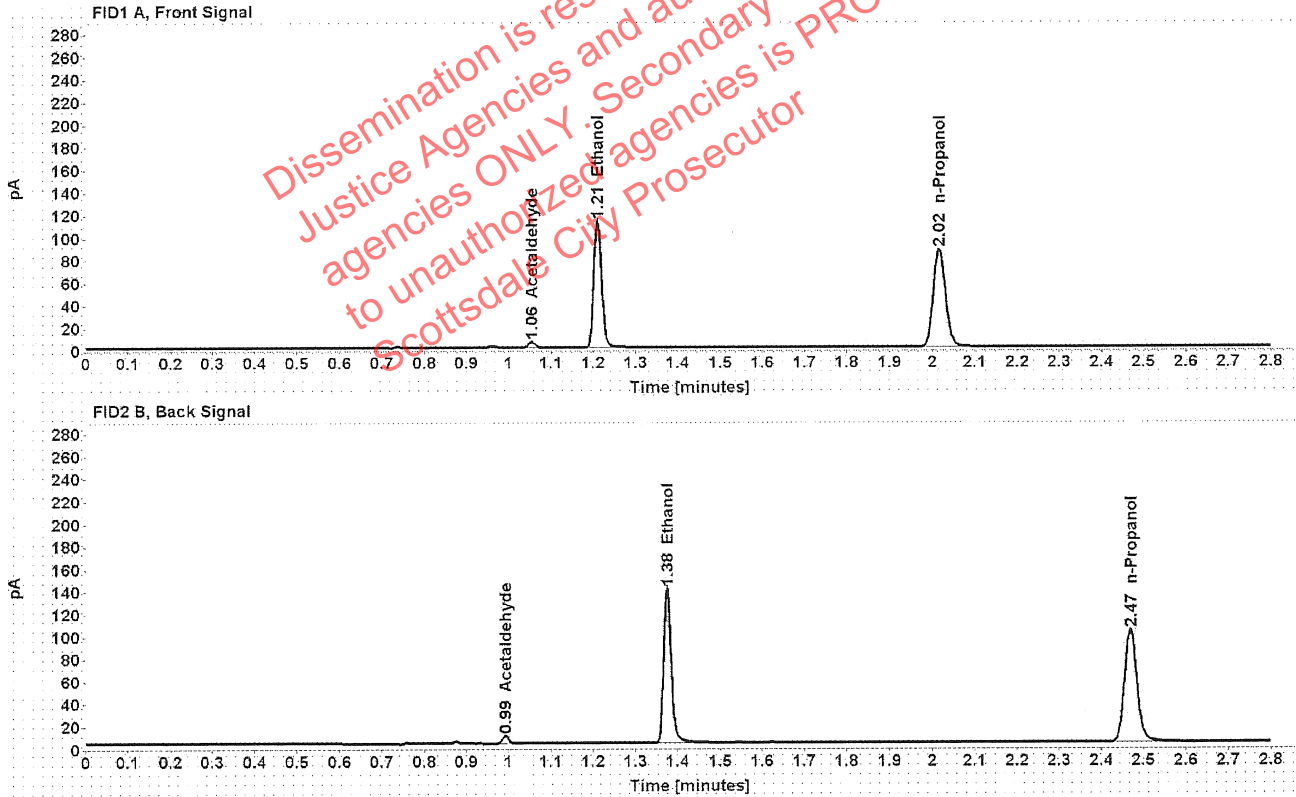


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.187
>Ethanol	0.2256	1.210	143.774
n-Propanol	-----	2.016	173.500

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.706
Ethanol	1.375	175.347
n-Propanol	2.469	208.219

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1274024	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:35:01 AM
Data file:	C:\Chem32\1\Data\29Apr20\13.D	Analyst:	Canonico

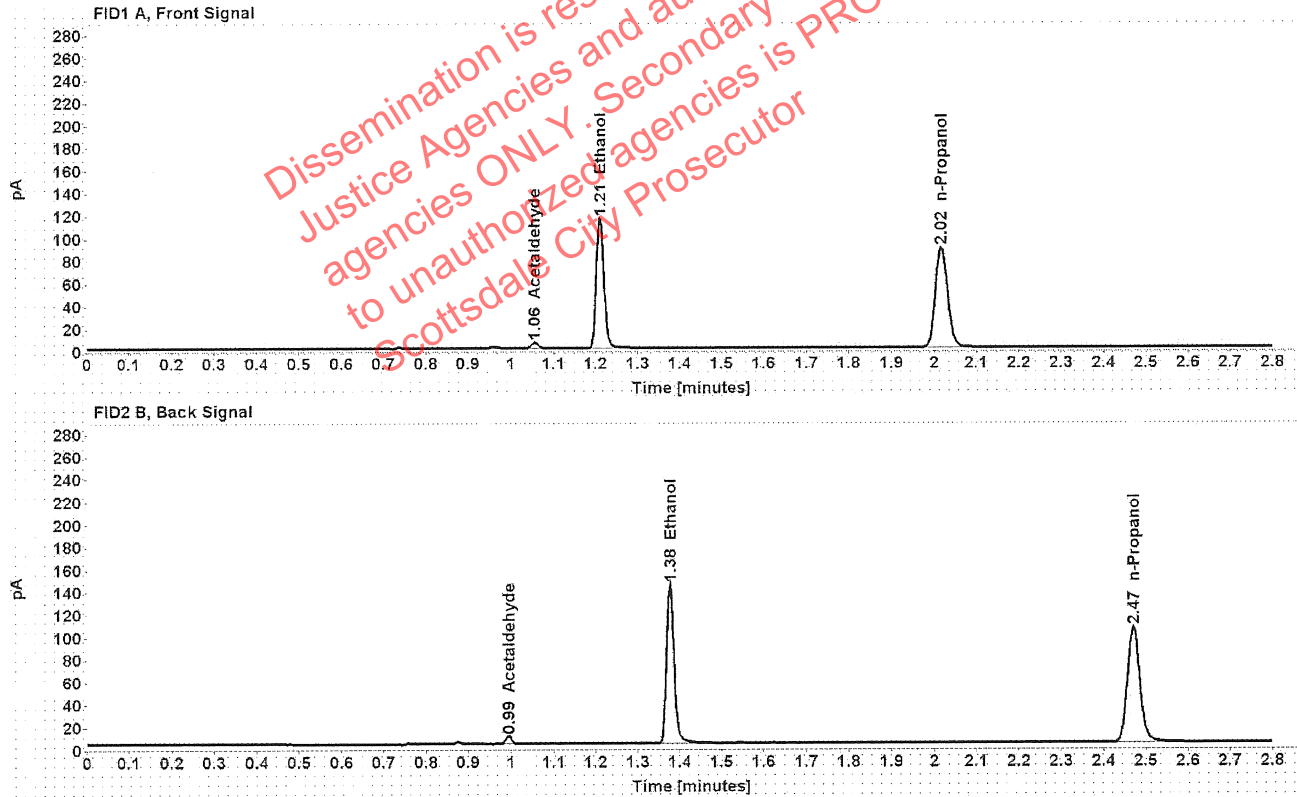


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	5.189
>Ethanol	0.2272	1.211	148.010
n-Propanol	-----	2.017	177.379

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.710
Ethanol	1.376	182.272
n-Propanol	2.470	212.725

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317762	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:39:03 AM
Data file:	C:\Chem32\1\Data\29Apr20\14.D	Analyst:	Canonico

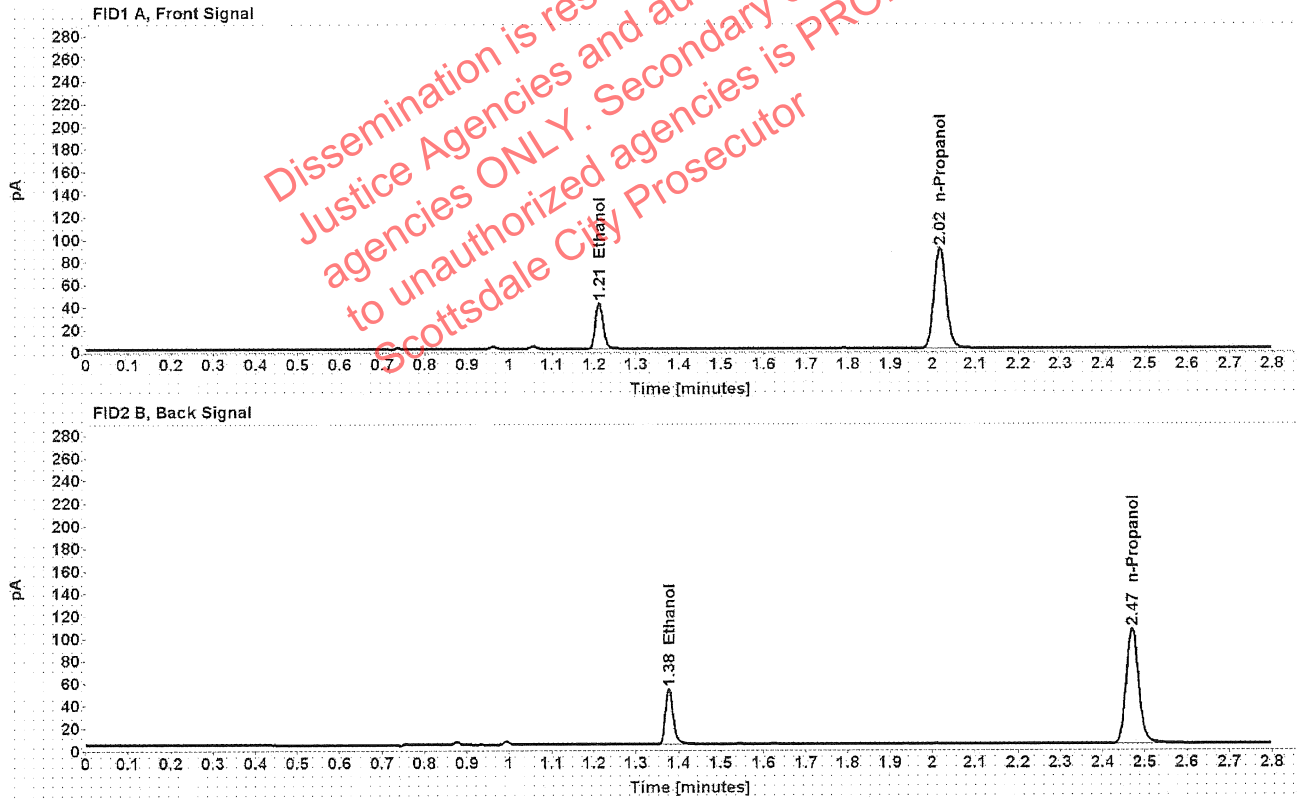


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.212	52.817
n-Propanol	-----	2.017	178.157

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

Compound	Time (min)	Peak Area
Ethanol	1.377	63.776
n-Propanol	2.470	213.098

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317762	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:43:01 AM
Data file:	C:\Chem32\1\Data\29Apr20\15.D	Analyst:	Canonico

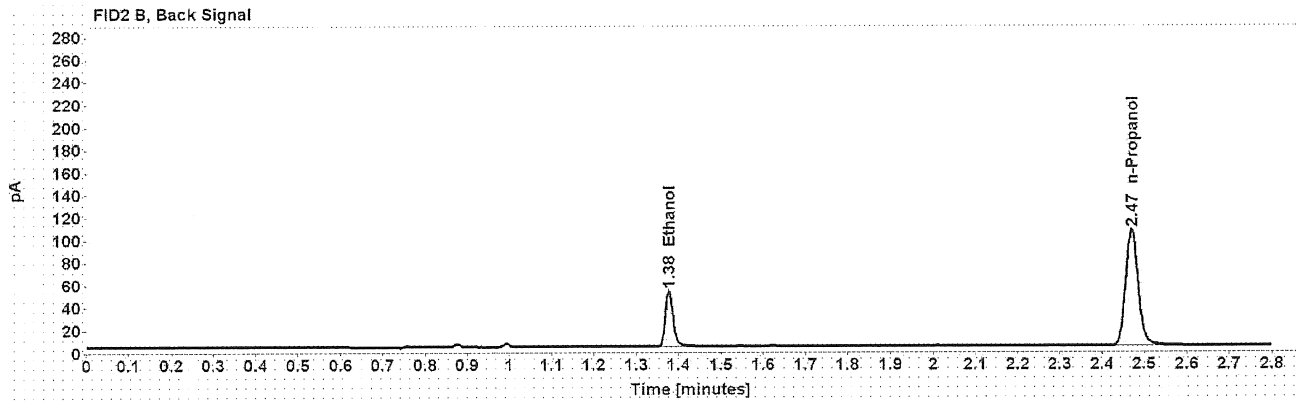
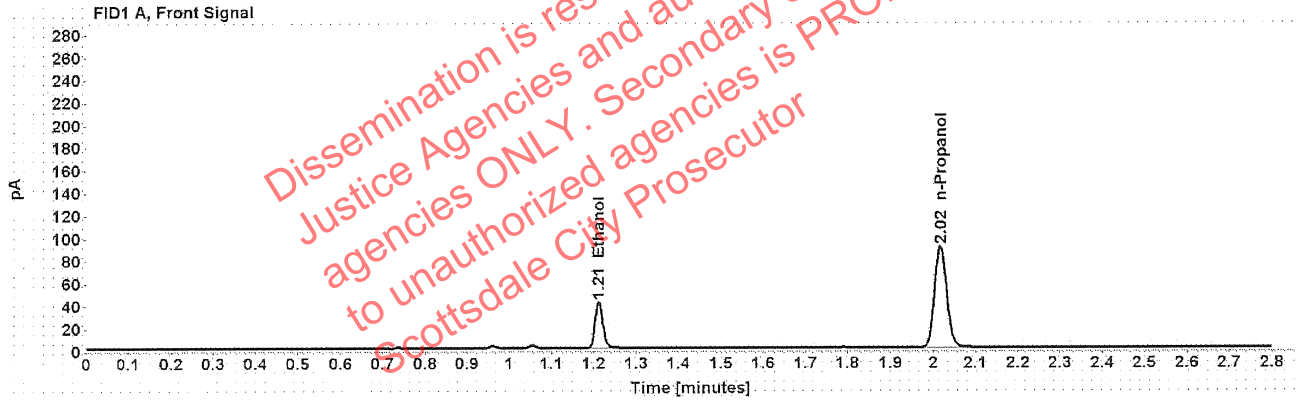


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.212	52.811
n-Propanol	-----	2.017	179.015

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

Compound	Time (min)	Peak Area
Ethanol	1.377	63.797
n-Propanol	2.470	213.934

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315134	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:47:02 AM
Data file:	C:\Chem32\1\Data\29Apr20\16.D	Analyst:	Canonico

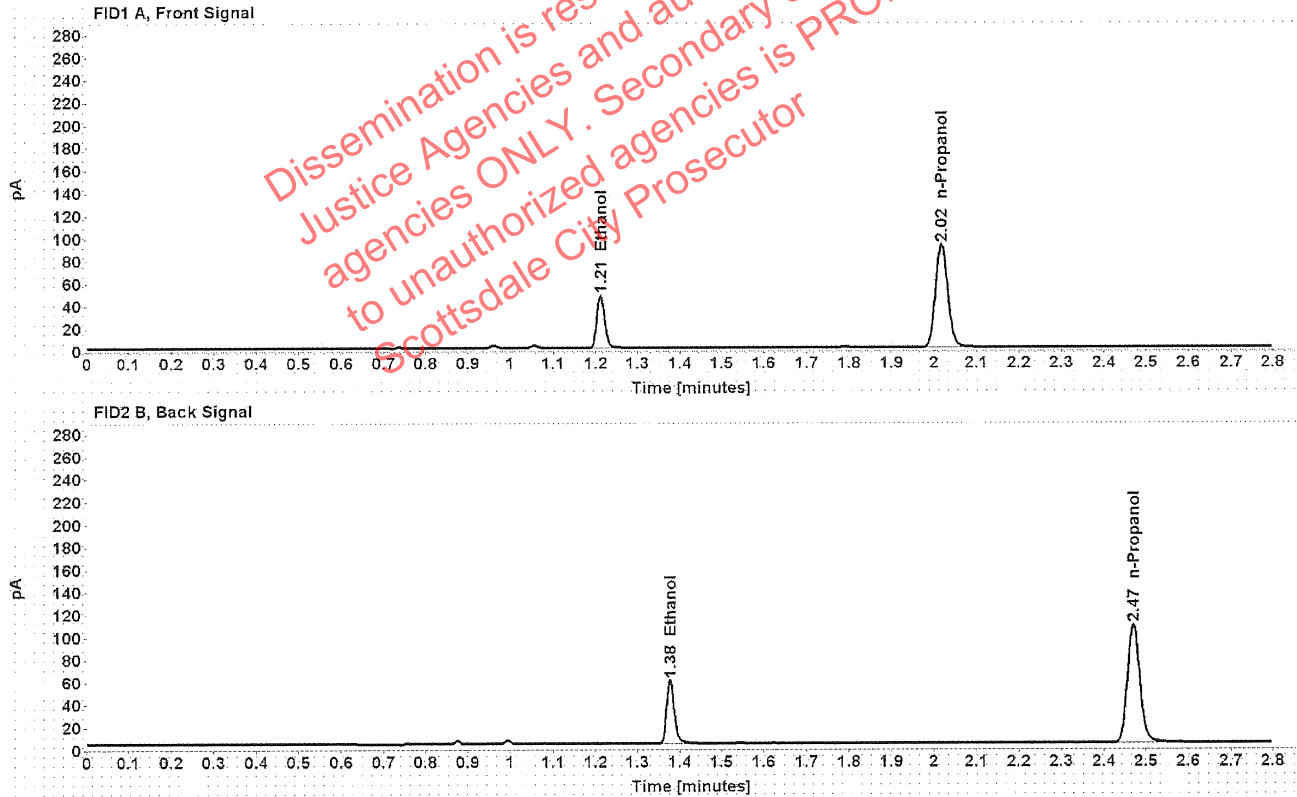


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0901	1.211	60.362
n-Propanol	-----	2.017	183.015

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

Compound	Time (min)	Peak Area
Ethanol	1.377	72.955
n-Propanol	2.470	218.678

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1315134	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:51:02 AM
Data file:	C:\Chem32\1\Data\29Apr20\17.D	Analyst:	Canonico

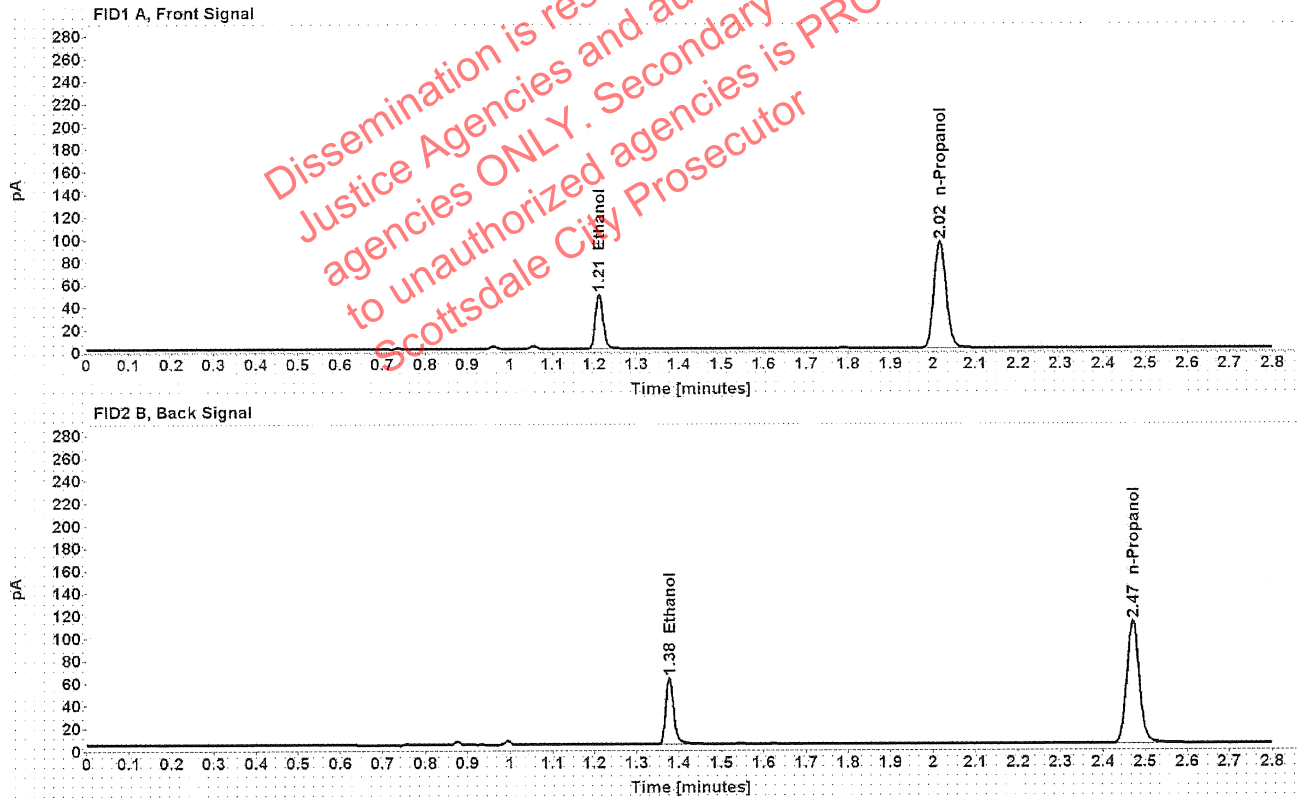


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0907	1.211	62.707
n-Propanol	-----	2.017	188.764

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

Compound	Time (min)	Peak Area
Ethanol	1.377	75.975
n-Propanol	2.470	226.318

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317894	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:55:02 AM
Data file:	C:\Chem32\1\Data\29Apr20\18.D	Analyst:	Canonico

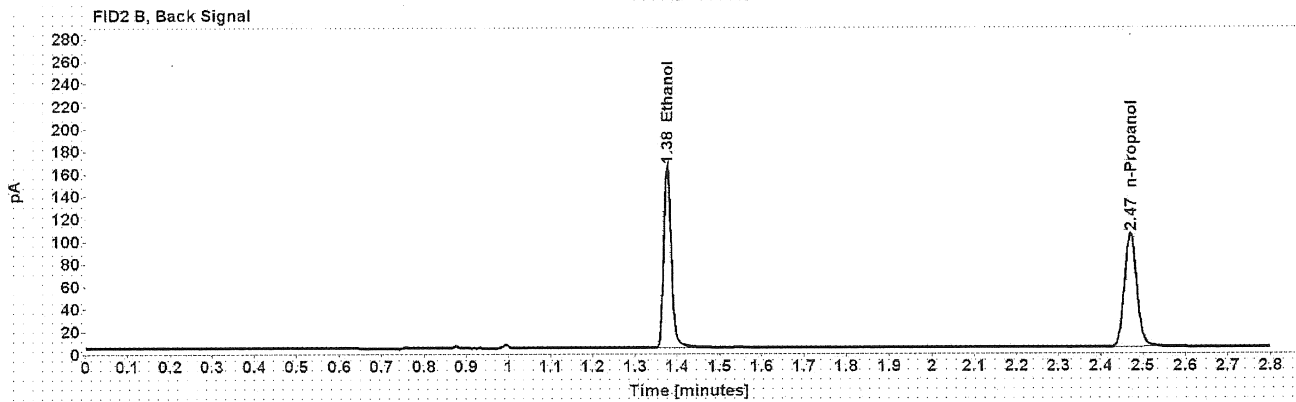
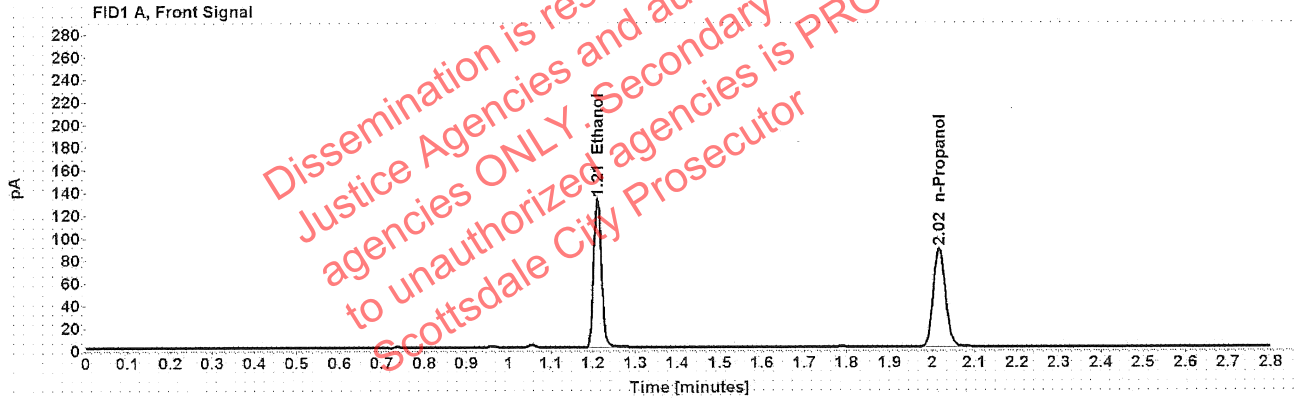


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2609	1.210	168.231
n-Propanol	-----	2.017	175.523

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

Compound	Time (min)	Peak Area
Ethanol	1.376	205.707
n-Propanol	2.470	208.421

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317894	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 10:59:17 AM
Data file:	C:\Chem32\1\Data\29Apr20\19.D	Analyst:	Canonico

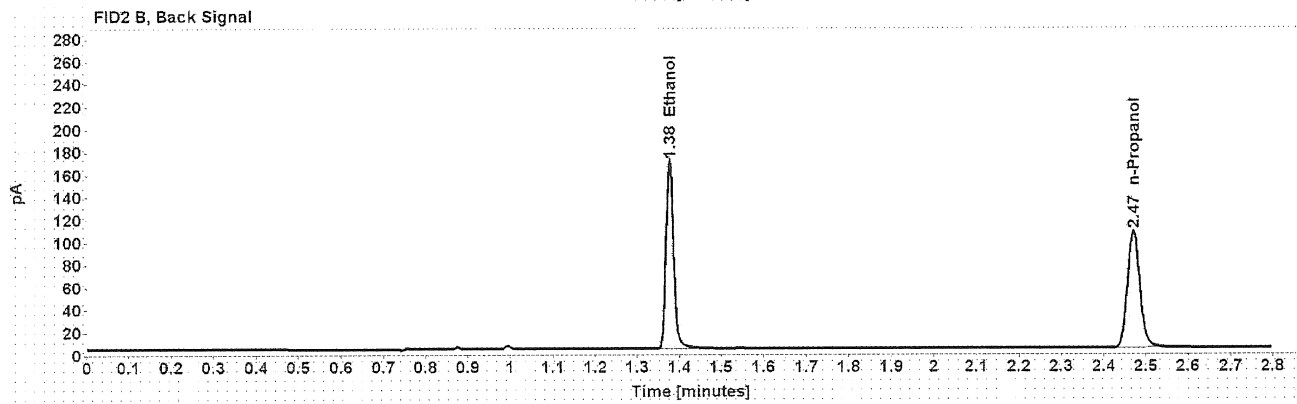
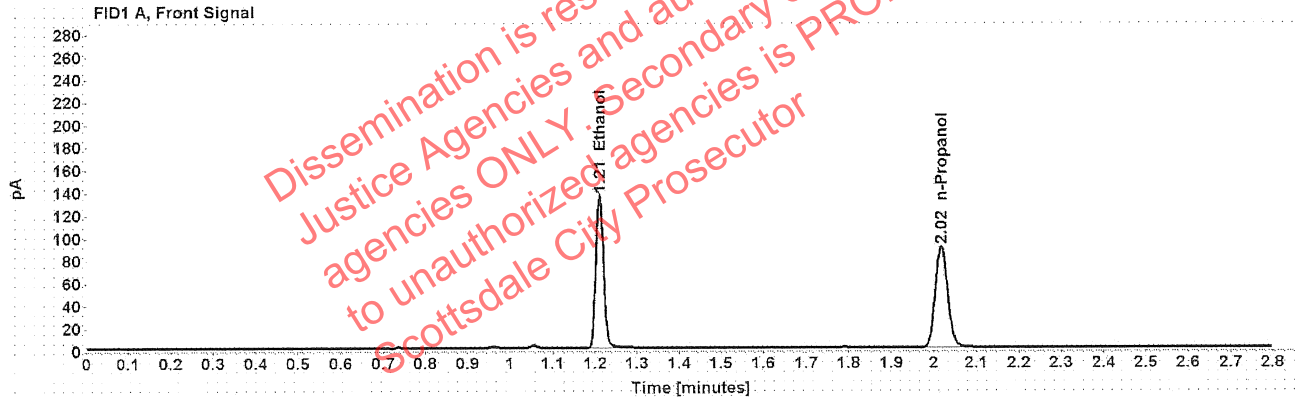


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2622	1.210	173.293
n-Propanol	-----	2.017	179.938

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

Compound	Time (min)	Peak Area
Ethanol	1.376	211.735
n-Propanol	2.470	213.548

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317892	Vial:	21
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:07:16 AM
Data file:	C:\Chem32\1\Data\29Apr20\21.D	Analyst:	Canonico

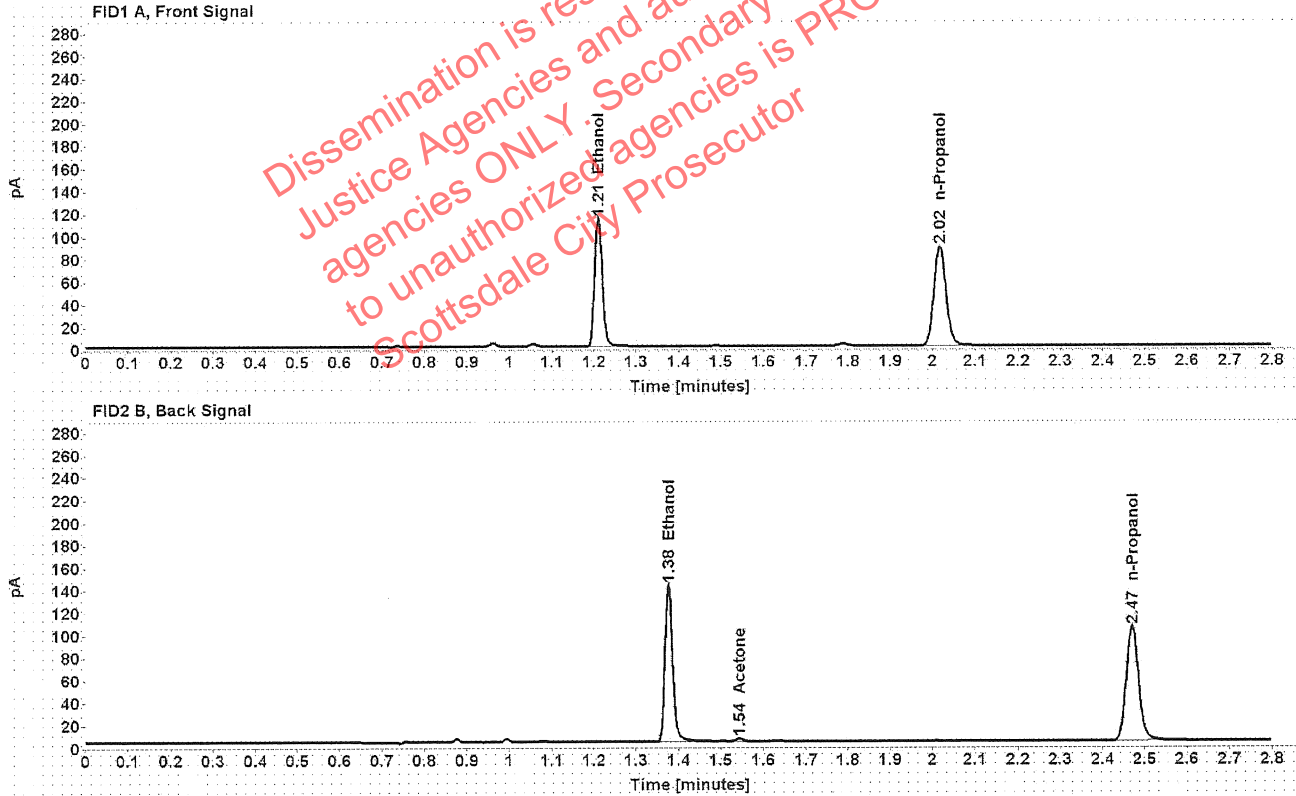


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2252	1.210	145.708
n-Propanol	-----	2.017	176.215

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

Compound	Time (min)	Peak Area
Ethanol	1.376	179.504
Acetone	1.544	4.195
n-Propanol	2.470	210.340

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317892	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:11:18 AM
Data file:	C:\Chem32\1\Data\29Apr20\22.D	Analyst:	Canonico

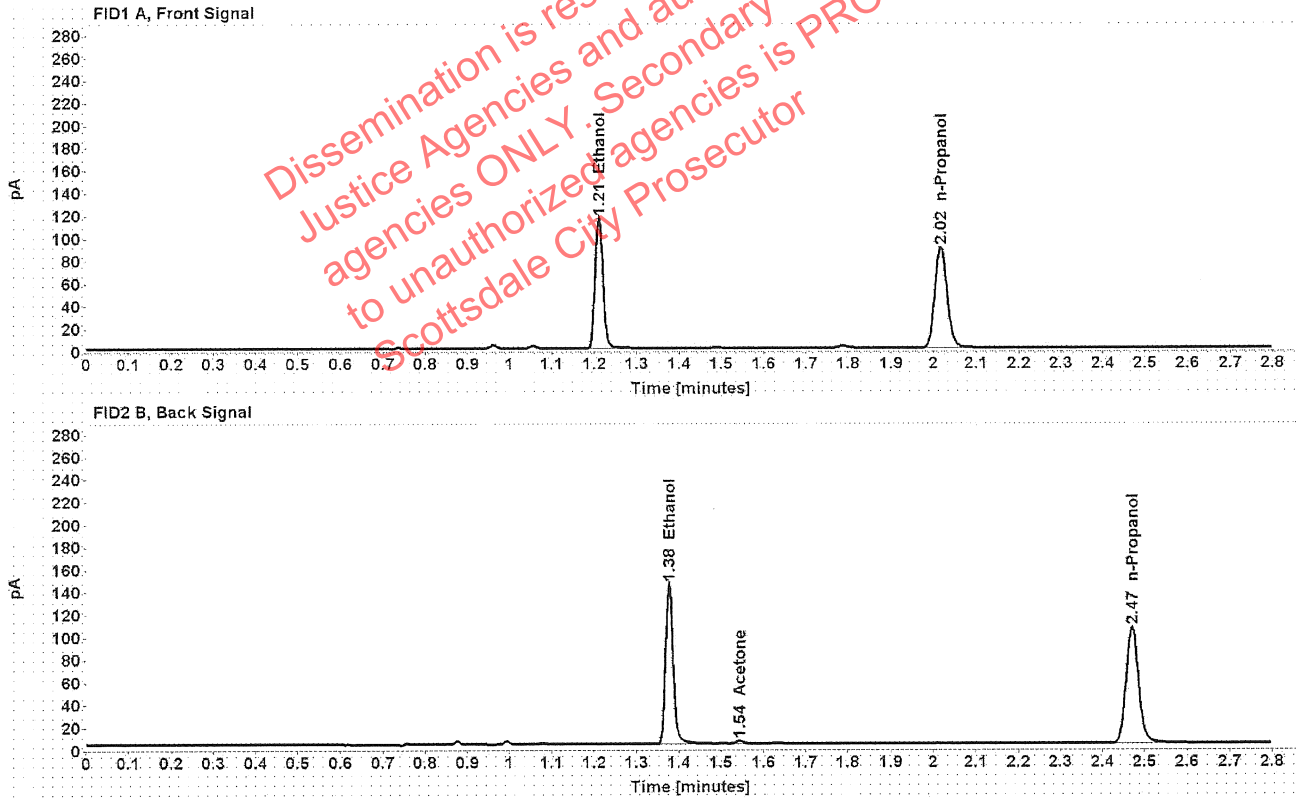


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2259	1.211	148.267
n-Propanol	-----	2.017	178.718

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

Compound	Time (min)	Peak Area
Ethanol	1.376	182.637
Acetone	1.544	4.261
n-Propanol	2.470	213.662

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317915	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:15:16 AM
Data file:	C:\Chem32\1\Data\29Apr20\23.D	Analyst:	Canonico

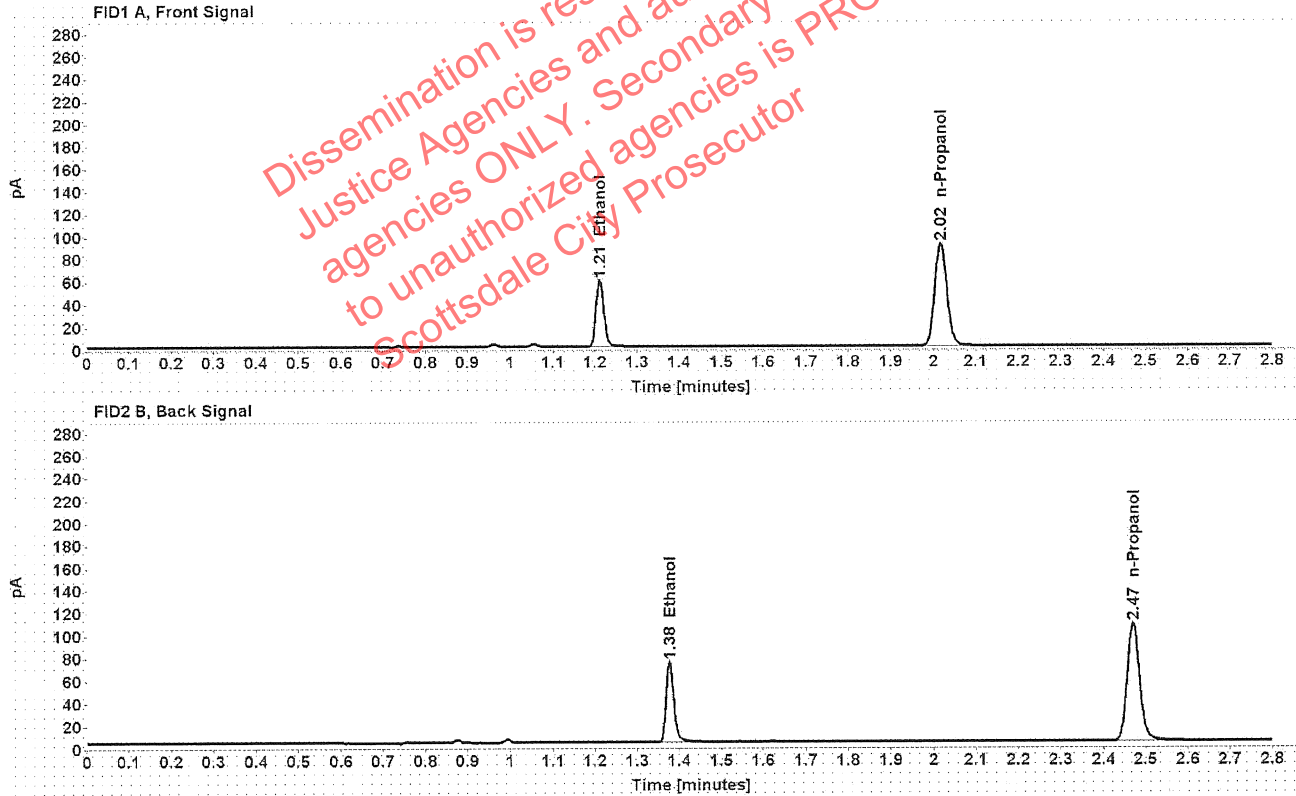


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1140	1.211	75.693
n-Propanol	-----	2.017	181.216

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

Compound	Time (min)	Peak Area
Ethanol	1.377	91.730
n-Propanol	2.470	217.432

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317915	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:19:18 AM
Data file:	C:\Chem32\1\Data\29Apr20\24.D	Analyst:	Canonico

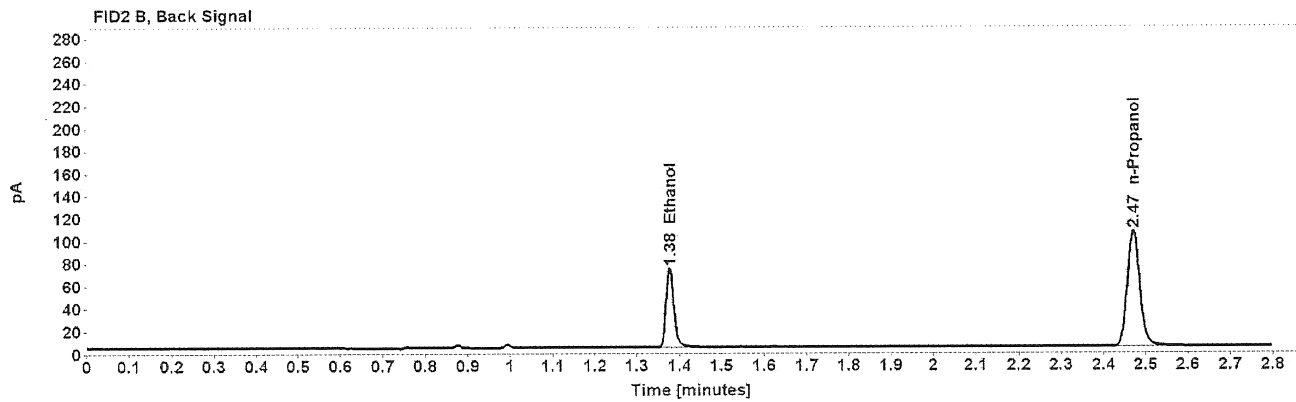
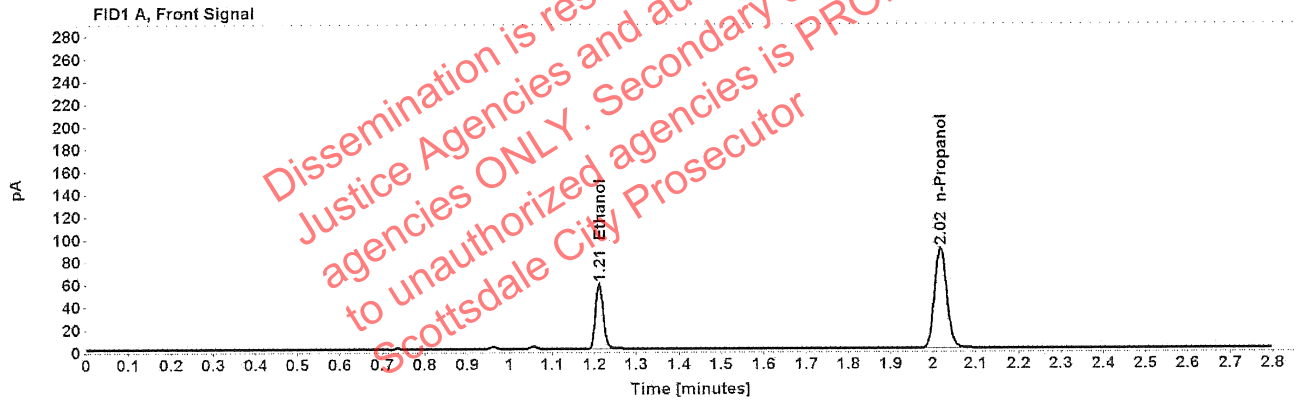


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1138	1.211	74.325
n-Propanol	-----	2.017	178.181

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

Compound	Time (min)	Peak Area
Ethanol	1.377	90.070
n-Propanol	2.470	214.071

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317832	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:23:32 AM
Data file:	C:\Chem32\1\Data\29Apr20\25.D	Analyst:	Canonico

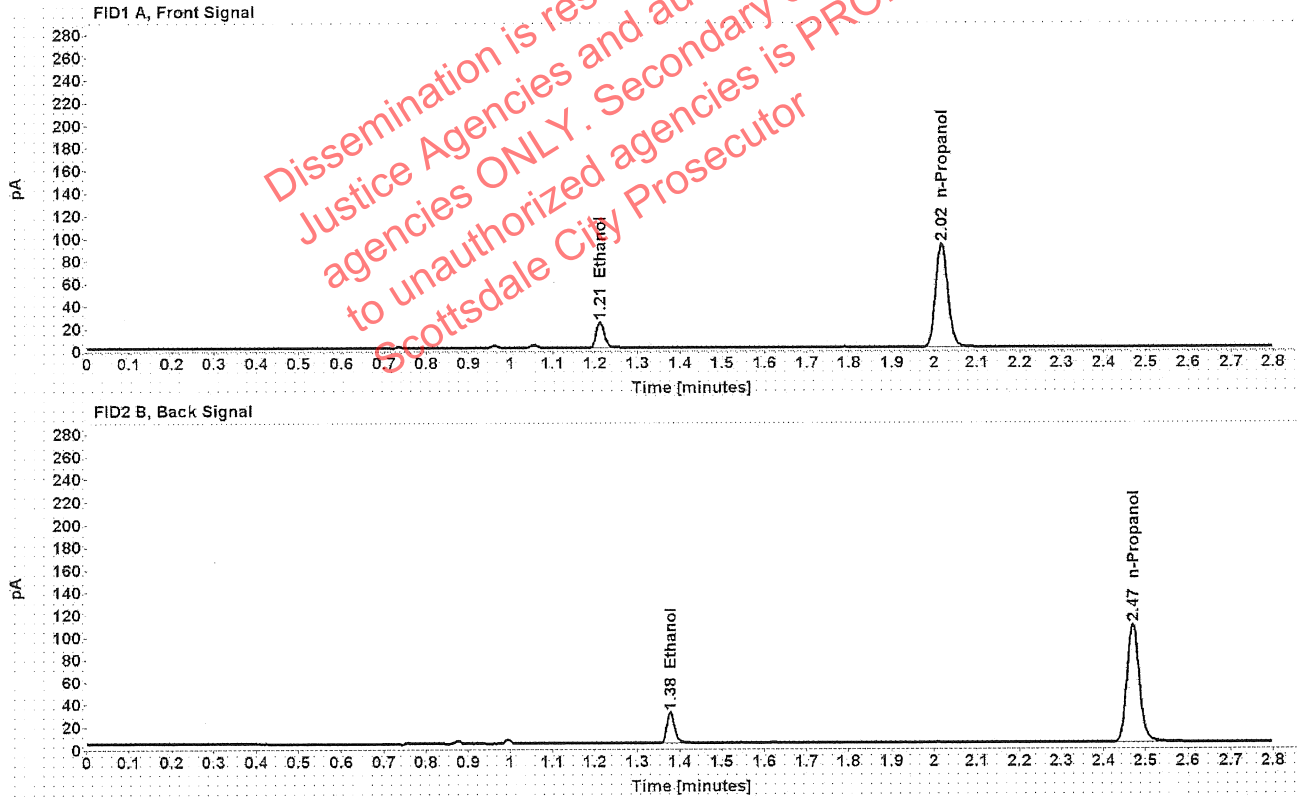


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0445	1.212	29.709
n-Propanol	-----	2.017	183.106

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

Compound	Time (min)	Peak Area
Ethanol	1.378	36.465
n-Propanol	2.470	219.751

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1317832	Vial:	26
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:27:31 AM
Data file:	C:\Chem32\1\Data\29Apr20\26.D	Analyst:	Canonico

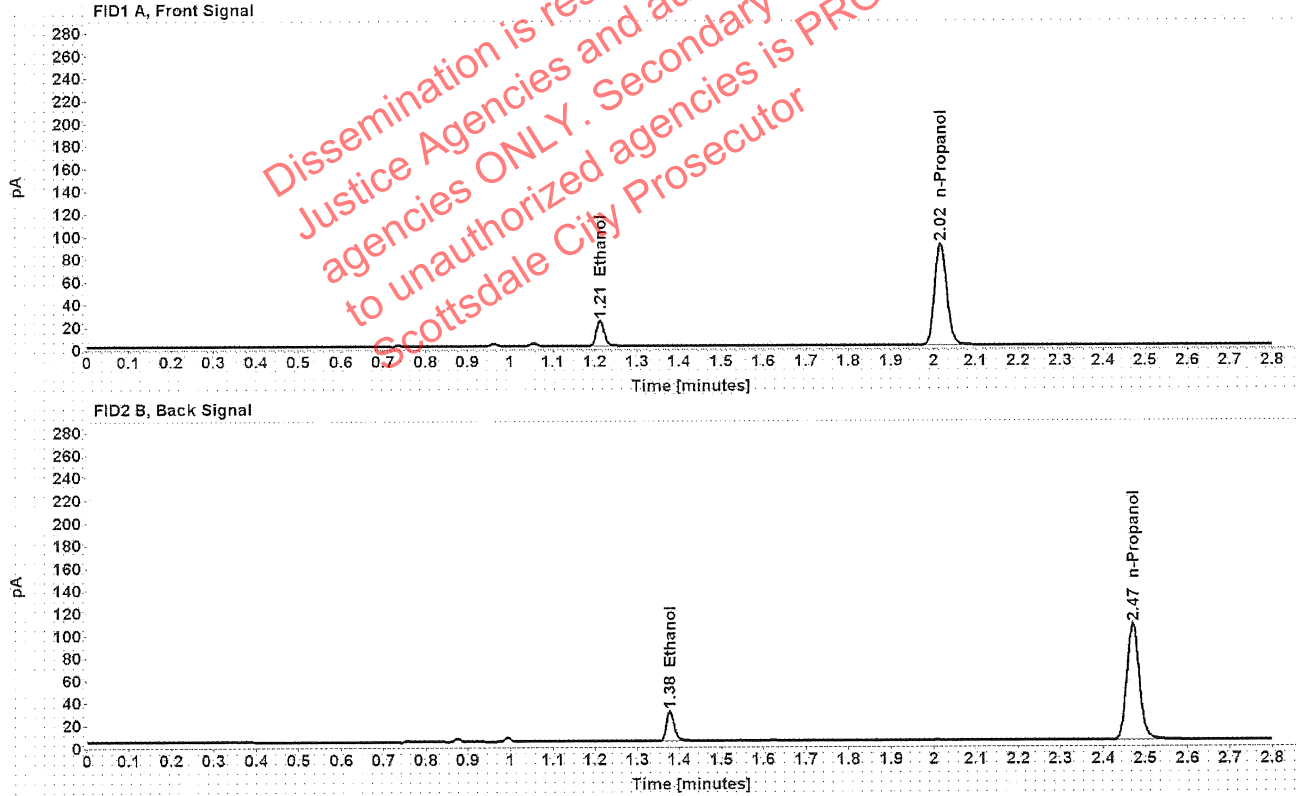


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0442	1.212	28.798
n-Propanol	-----	2.017	178.882

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

Compound	Time (min)	Peak Area
Ethanol	1.378	35.547
n-Propanol	2.470	213.862

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298784	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:31:32 AM
Data file:	C:\Chem32\1\Data\29Apr20\27.D	Analyst:	Canonico

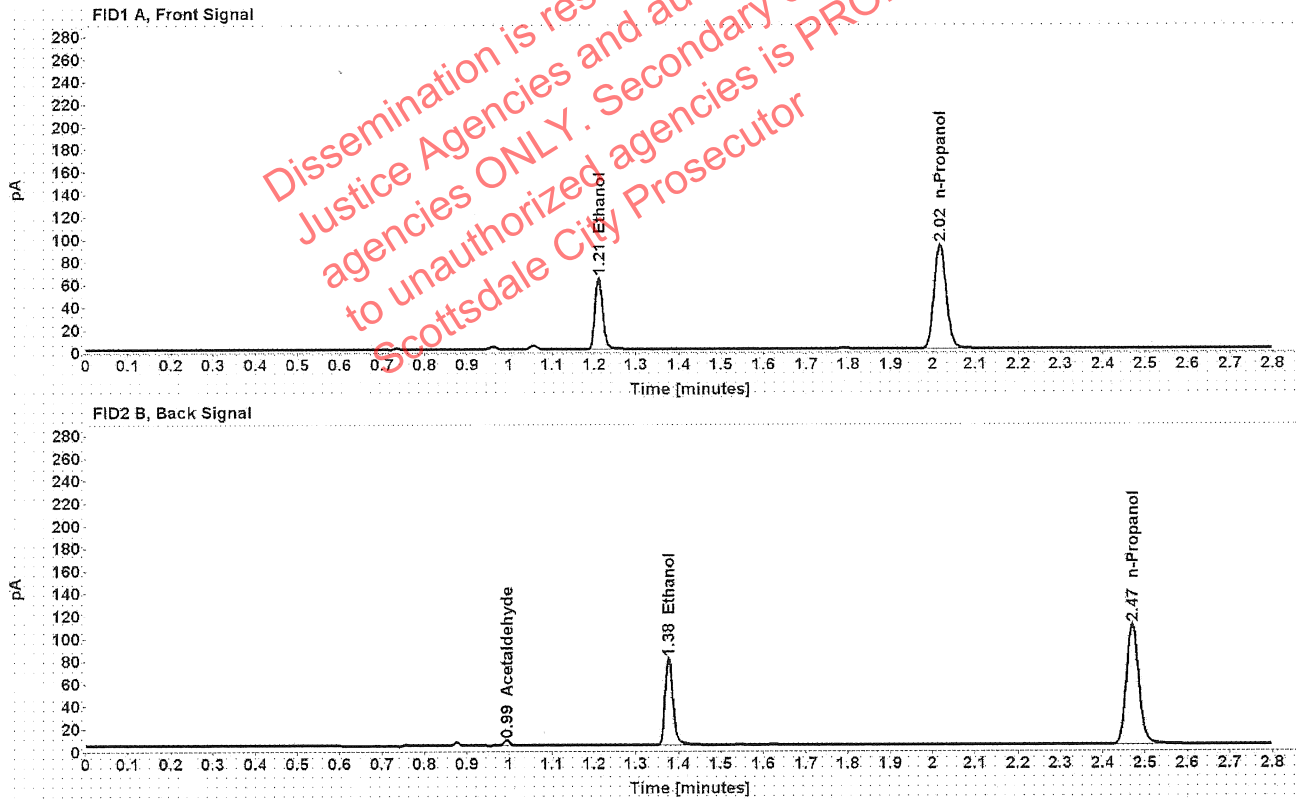


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1207	1.211	81.463
n-Propanol	-----	2.017	184.163

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.462
Ethanol	1.377	98.902
n-Propanol	2.470	220.310

VOID

Case: ██████████ User: ecanonico 4/29/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1298784	Vial:	28
Description:	██	LIMS ID:	████████████████████
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:35:32 AM
Data file:	C:\Chem32\1\Data\29Apr20\28.D	Analyst:	Canonico

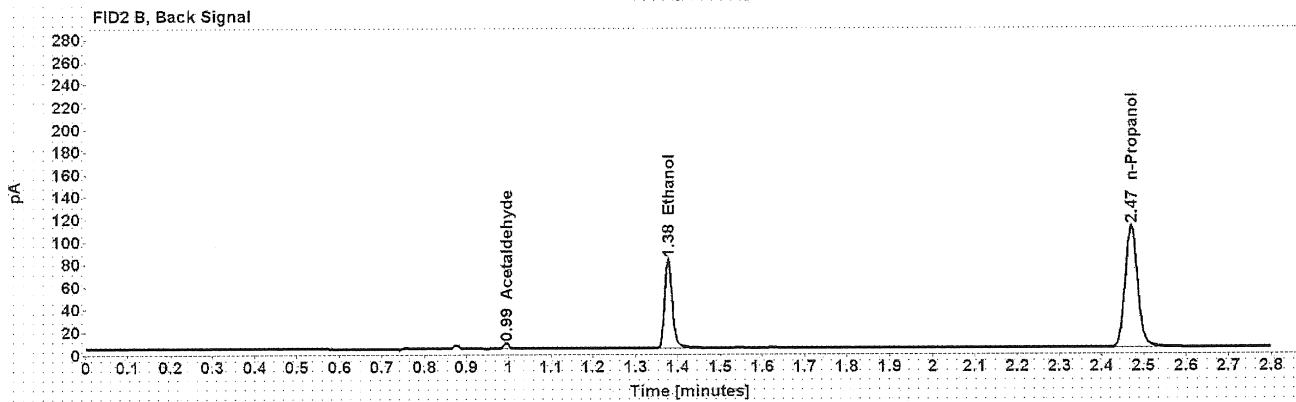
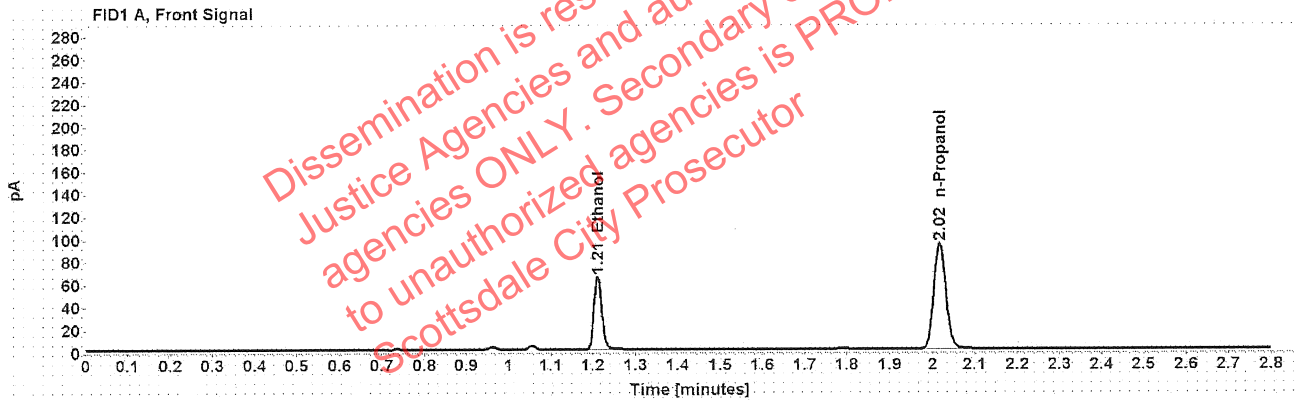


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1212	1.211	83.134
n-Propanol	-----	2.017	187.019

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.572
Ethanol	1.377	100.822
n-Propanol	2.470	224.686

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1318563	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:39:32 AM
Data file:	C:\Chem32\1\Data\29Apr20\29.D	Analyst:	Canonico

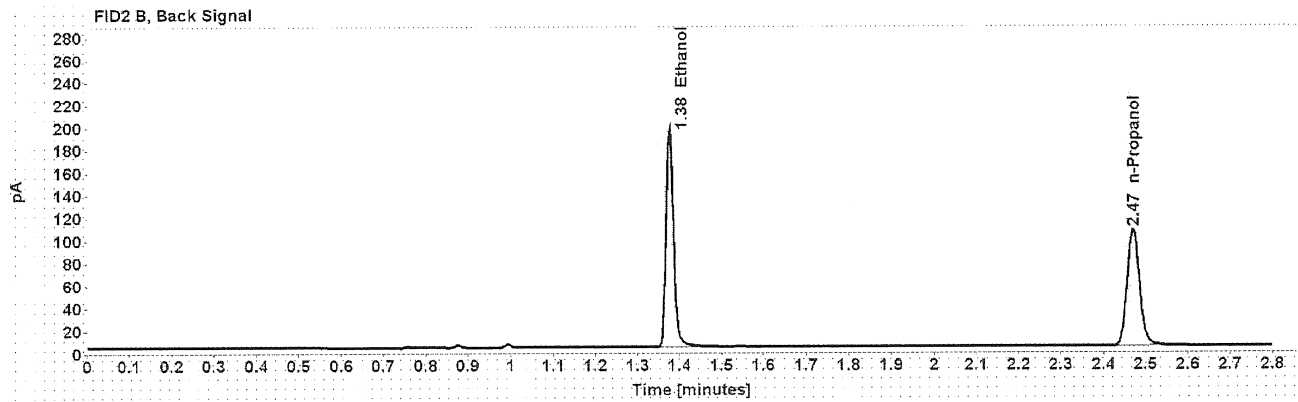
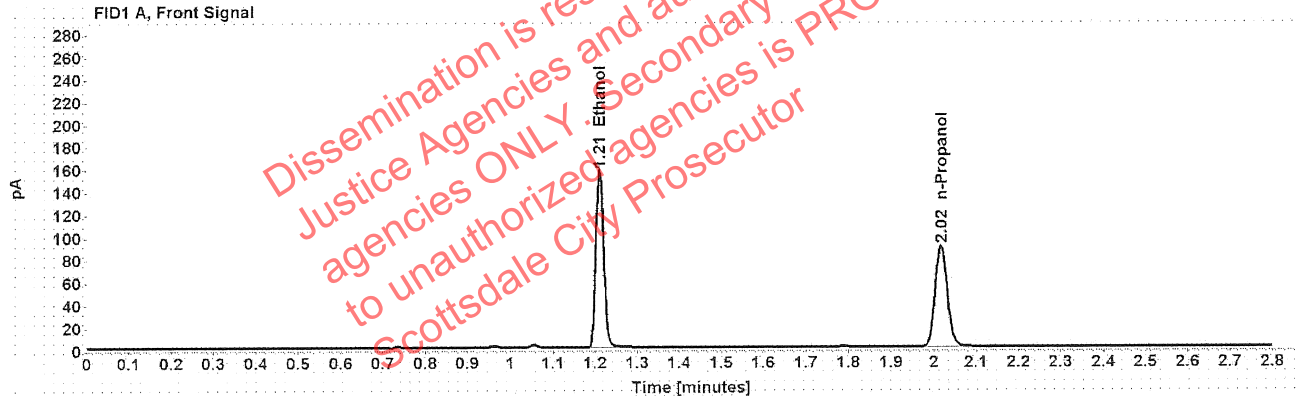


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3036	1.210	200.513
n-Propanol	-----	2.017	179.772

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

Compound	Time (min)	Peak Area
Ethanol	1.376	245.357
n-Propanol	2.470	214.488

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1318563	Vial:	30
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:43:32 AM
Data file:	C:\Chem32\1\Data\29Apr20\30.D	Analyst:	Canonico

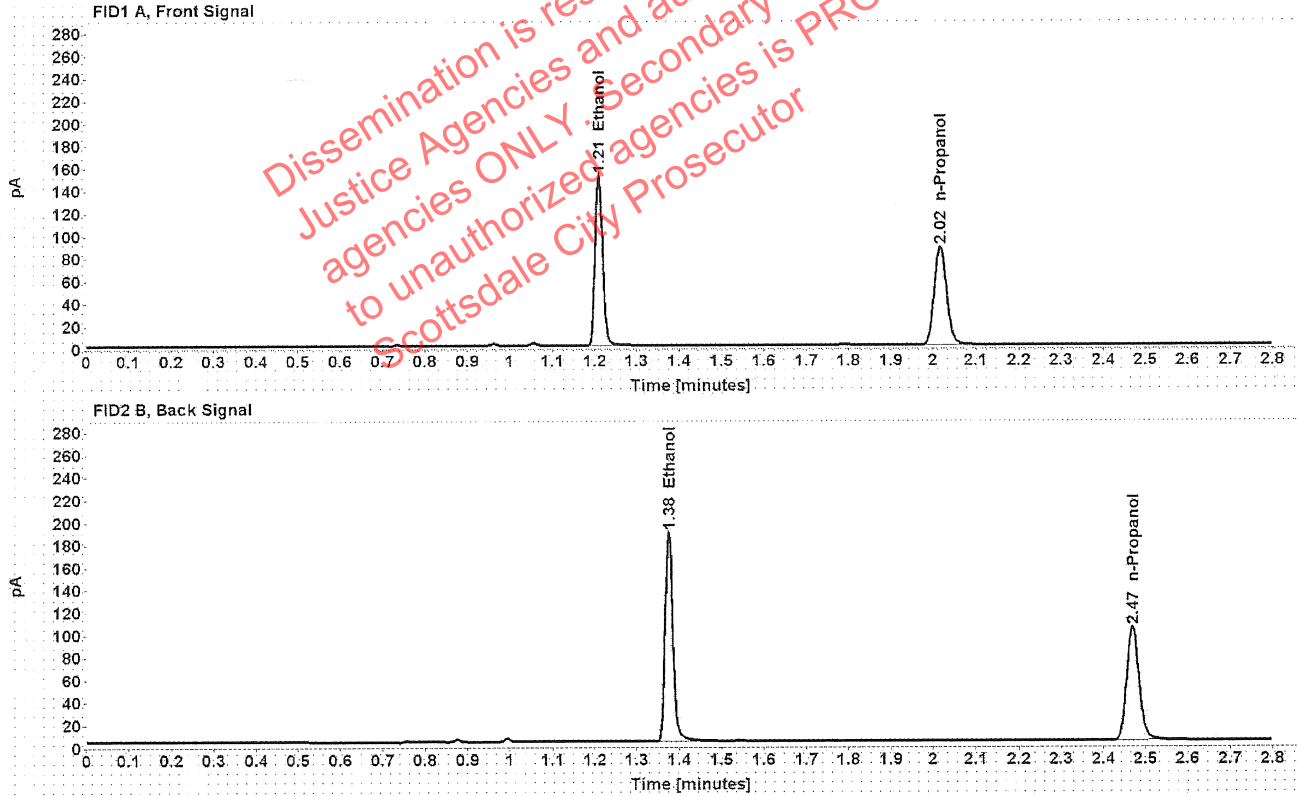


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3018	1.210	193.226
n-Propanol	-----	2.017	174.242

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

Compound	Time (min)	Peak Area
Ethanol	1.376	236.785
n-Propanol	2.470	207.906

VOID

[REDACTED] : Canonico, Erika - (29-Apr-2020)

Case: [REDACTED] User: ecanonico 4/29/2020

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801FJ	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:51:47 AM
Data file:	C:\Chem32\1\Data\29Apr20\32.D	Analyst:	Canonico

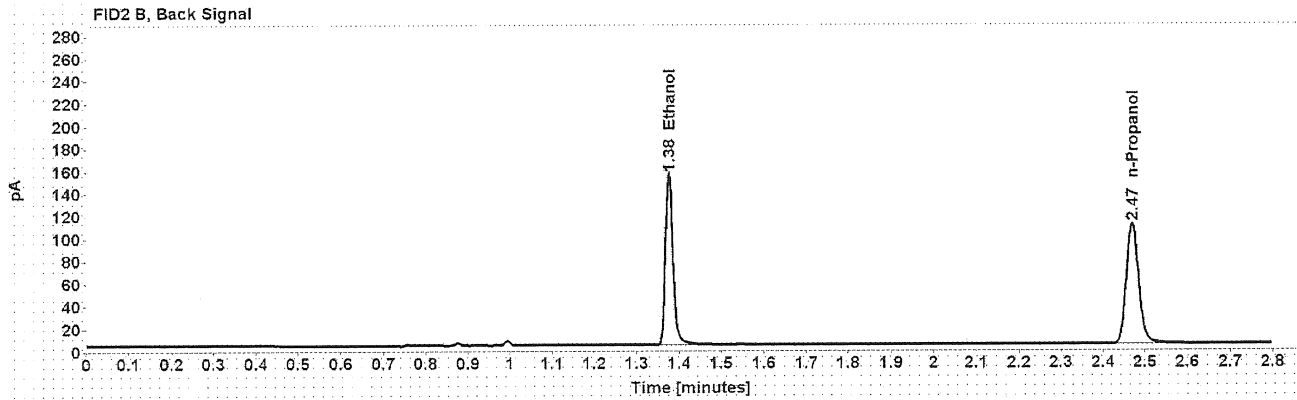
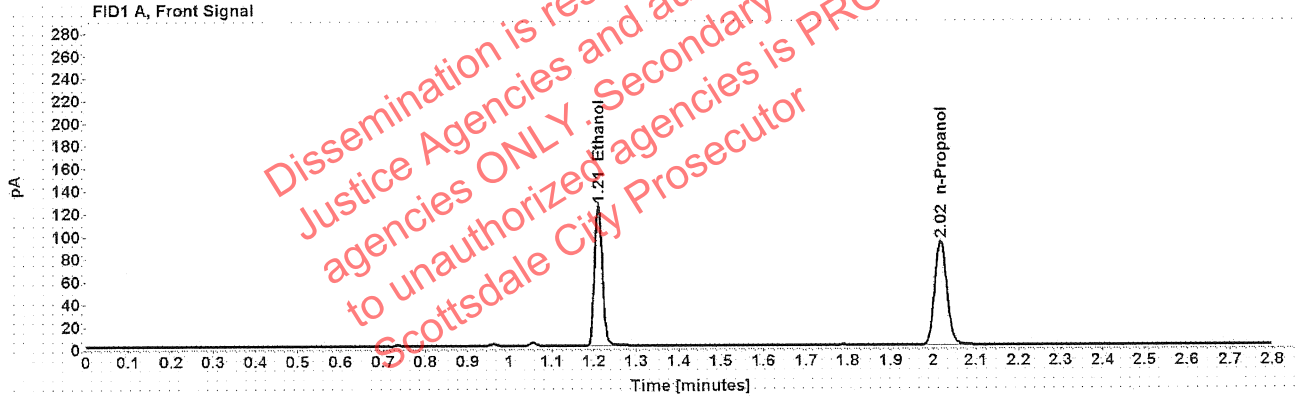


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2336	1.210	158.642
n-Propanol	-----	2.017	184.921

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

Compound	Time (min)	Peak Area
Ethanol	1.376	194.002
n-Propanol	2.470	221.192

VOID

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	31801FJ	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Apr20
Instrument:	US14173023 CN14160045	Injection date:	4/29/2020 11:55:47 AM
Data file:	C:\Chem32\1\Data\29Apr20\33.D	Analyst:	Canonico

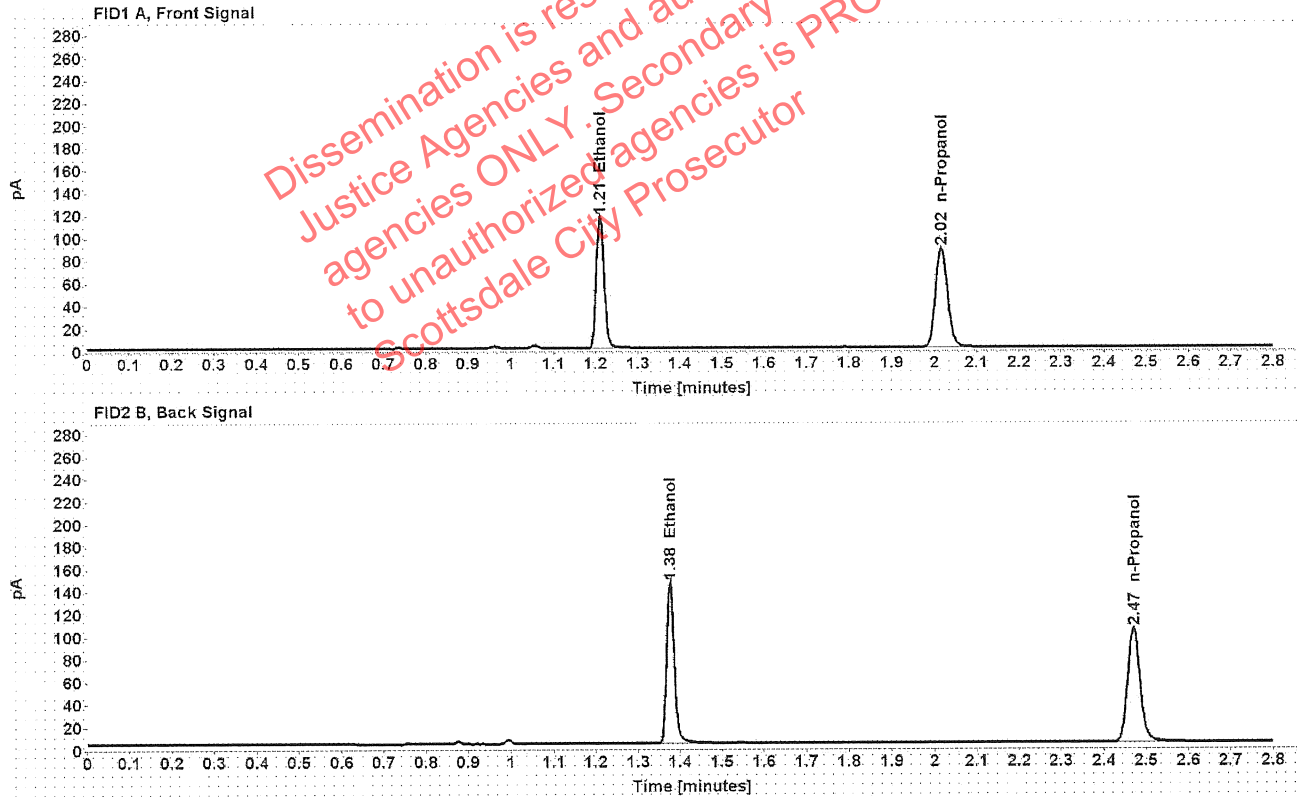


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2317	1.210	148.984
n-Propanol	-----	2.017	175.102

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

Compound	Time (min)	Peak Area
Ethanol	1.376	182.108
n-Propanol	2.470	210.308

VOID