

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/25/2019 SEQUENCE NAME 25Jun19

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 0.99998
 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 051619
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.198 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.152 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.199 g/dL	ACQ 407041529/13
53	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
58	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 08012015-C
59	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
60	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
61	Blank	Not detected	Not detected	SPD lab 040919WB

SUBJECT SAMPLES

Subjects in the sequence 22 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid WABIS70 6/27/19 Analyst
 Run valid Run invalid KOSECKI 6/27/19 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 25Jun19

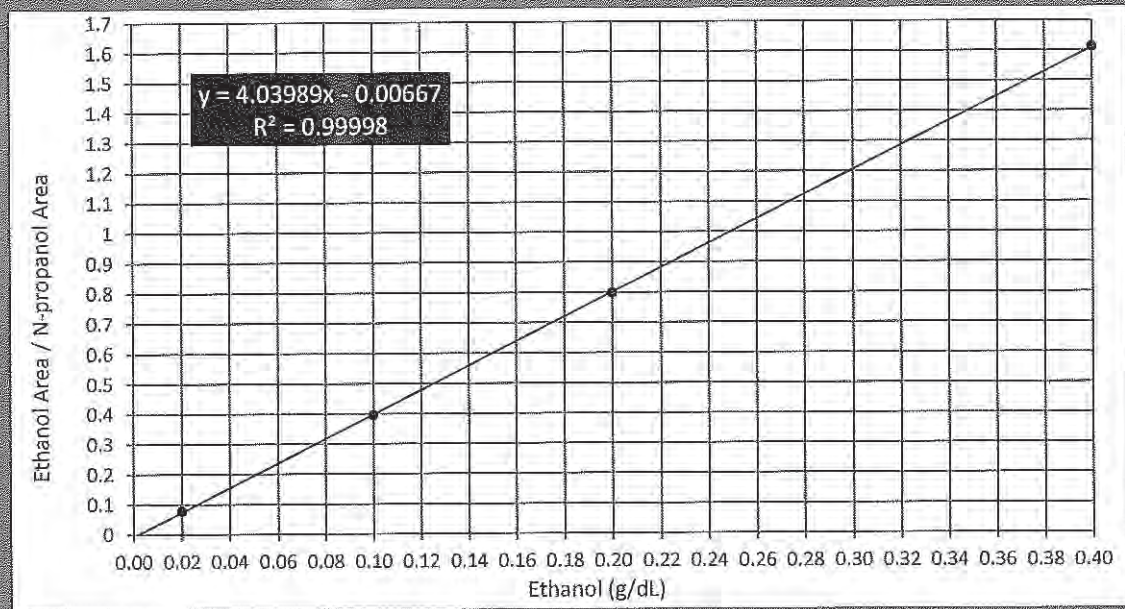
ANALYST: Adrian

WM

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 051619	5	negative	negative	-	-
0.400 Lipomed 08012015-C	7	0.403	0.400	0.75	0.003
0.040 Lipomed 09022015-A	8	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/13	9	0.198	0.198	0.00	0.000
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.152	0.150	1.33	0.002
0.198 ACQ 407041529/13	42	0.199	0.198	0.51	0.001
0.080 Lipomed 28082014-B	53	0.081	0.080	1.25	0.001
0.400 Lipomed 08012015-C	58	0.404	0.400	1.00	0.004
0.040 Lipomed 09022015-A	59	0.039	0.040	2.50	-0.001
0.198 ACQ 407041529/13	60	0.201	0.198	1.52	0.003
blank 040919WB	61	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.037	155.490	0.077
0.100	61.822	156.234	0.396
0.200	123.111	154.376	0.797
0.400	248.121	153.975	1.611

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	FN03241604	Vial:	1
Description:	0.020 calibrator	Sequence:	25Jun19
Method:	ethanol quant.M	Injection date:	6/25/2019 3:14:58 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\25Jun19\1.D		

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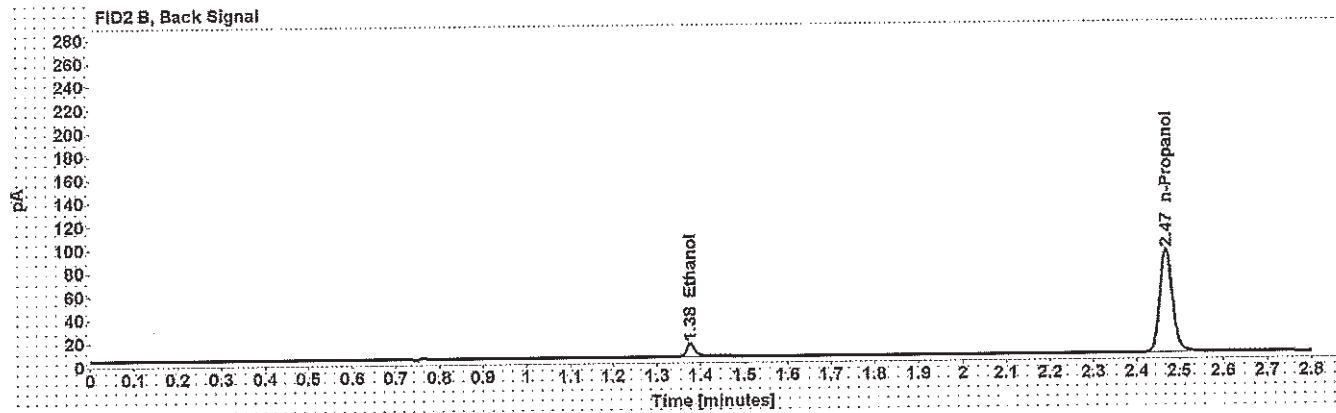
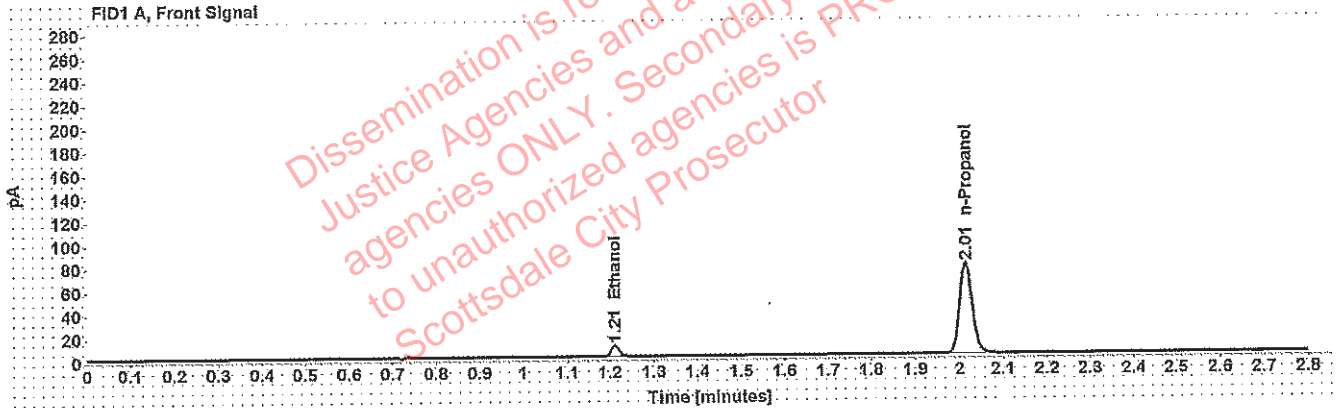


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	12.037
n-Propanol	2.014	155.490

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

Compound	Time (min)	Peak Area
Ethanol	1.376	14.405
n-Propanol	2.469	182.885

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	FN02271802	Vial:	2
Description:	0.100 calibrator	Sequence:	25Jun19
Method:	ethanol quant.M	Injection date:	6/25/2019 3:18:57 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\25Jun19\2.D		

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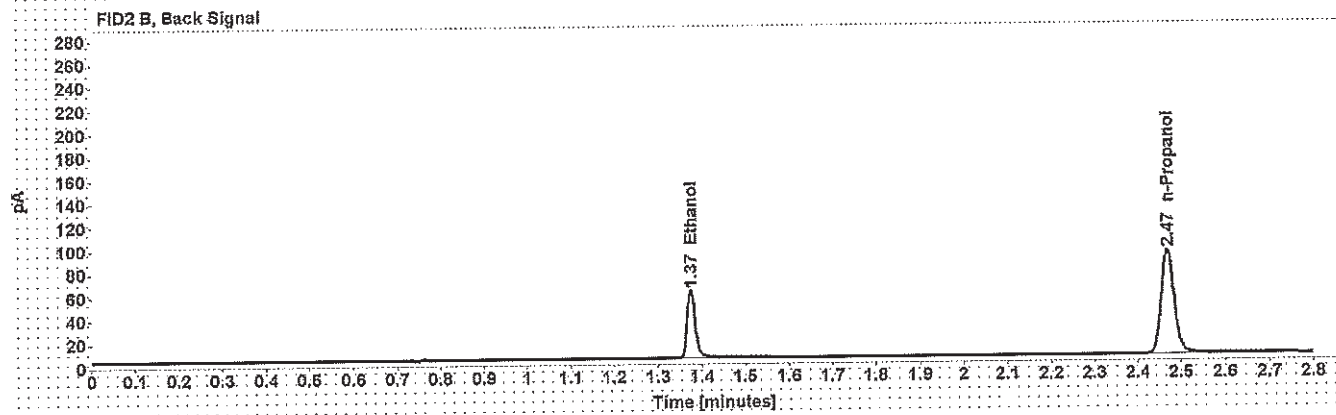
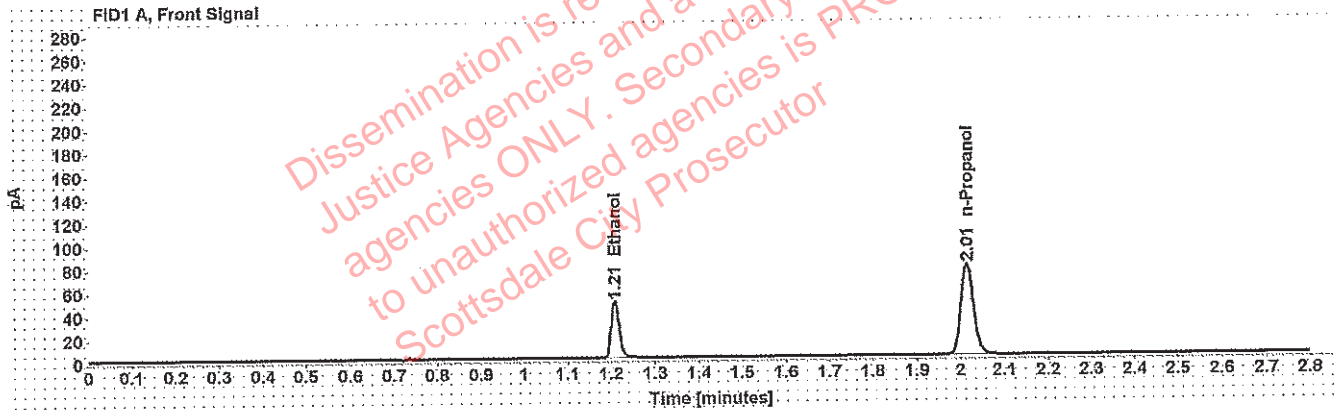


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.822
n-Propanol	2.014	156.234

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.251
n-Propanol	2.469	184.411

Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

Sample:	FN06231704	Vial:	3
Description:	0.200 calibrator	Sequence:	25Jun19
Method:	ethanol quant.M	Injection date:	6/25/2019 3:22:56 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\25Jun19\3.D		

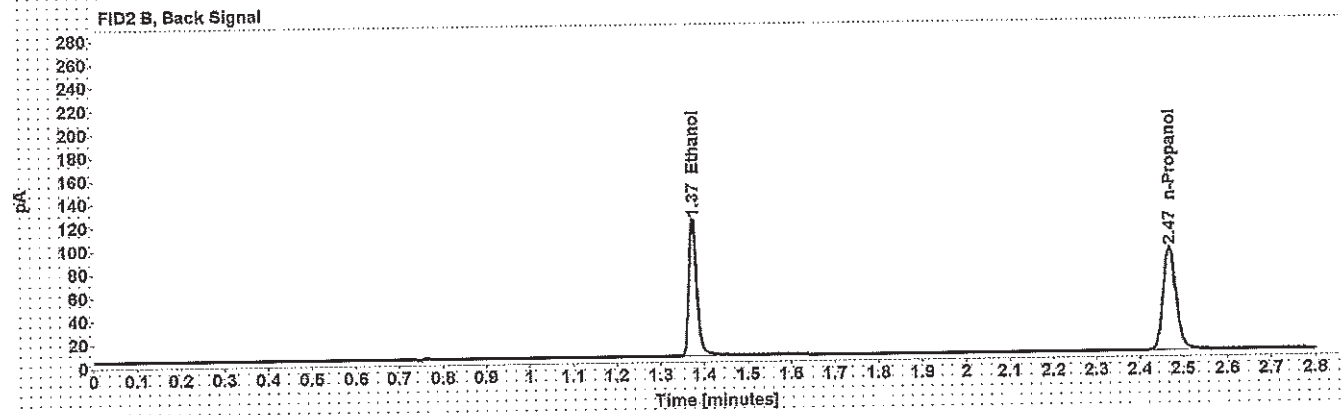
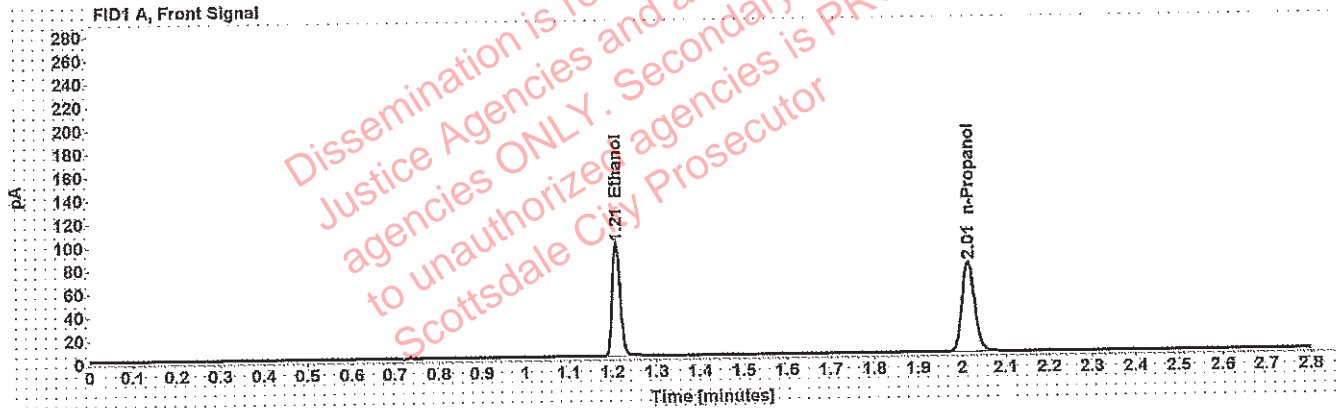


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	123.111
n-Propanol	2.014	154.376

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

Compound	Time (min)	Peak Area
Ethanol	1.374	150.641
n-Propanol	2.469	182.763

Scottsdale Police Department Crime Lab Volatiles Analysis

WV

Sample:	FN05131606	Vial:	4
Description:	0.400 calibrator	Sequence:	25Jun19
Method:	ethanol quant.M	Injection date:	6/25/2019 3:26:56 PM
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\25Jun19\4.D		

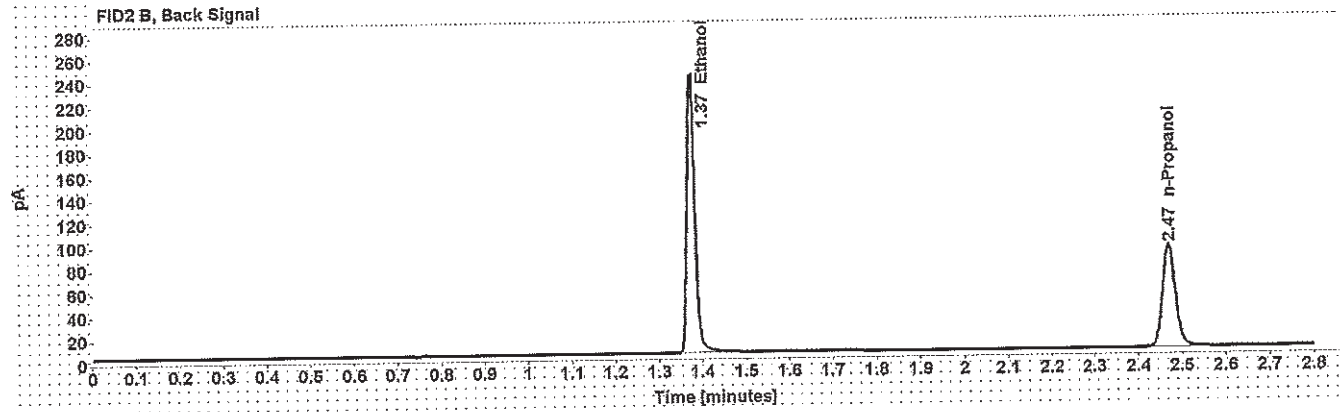
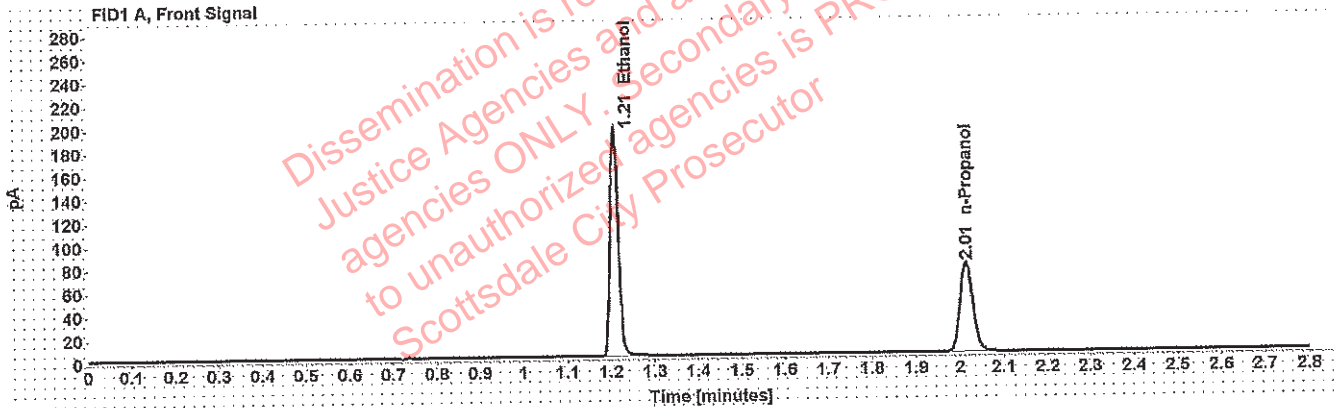


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	248.121
n-Propanol	2.015	153.975

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

Compound	Time (min)	Peak Area
Ethanol	1.374	303.971
n-Propanol	2.469	183.132

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	051619	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:30:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\5.D	Analyst:	Adrian

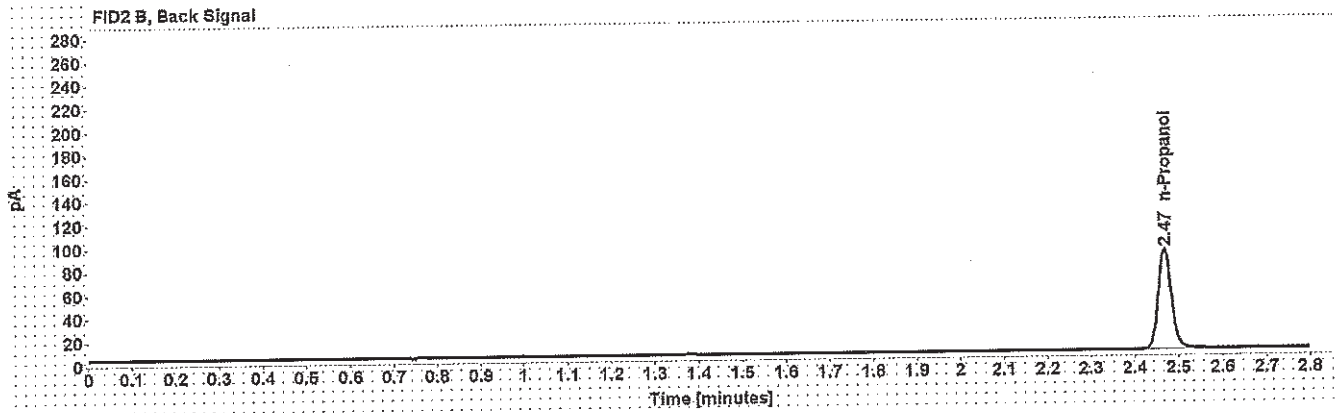
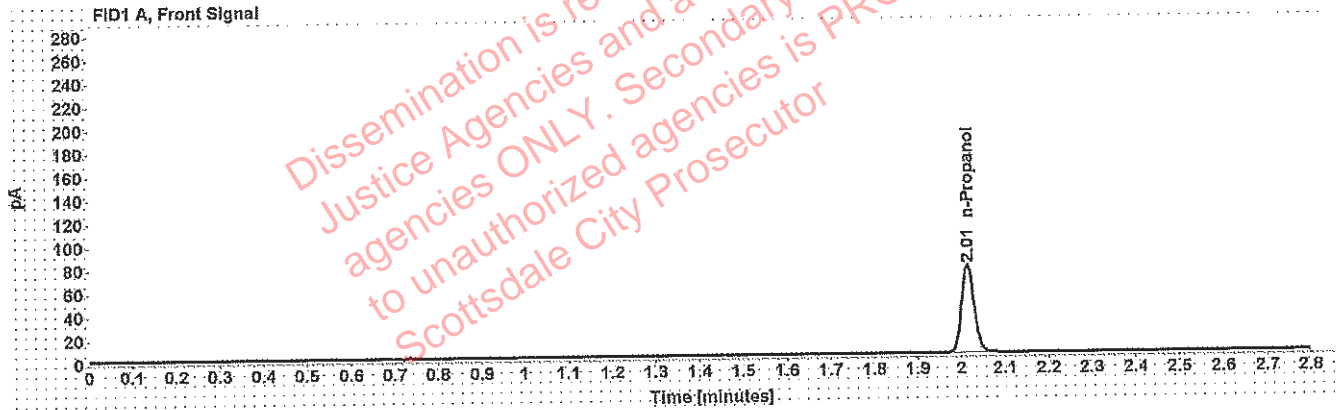


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	150.957

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	178.510

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	020917	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:34:56 PM
Data file:	C:\Chem32\11\Data\25Jun19\6.D	Analyst:	Adrian

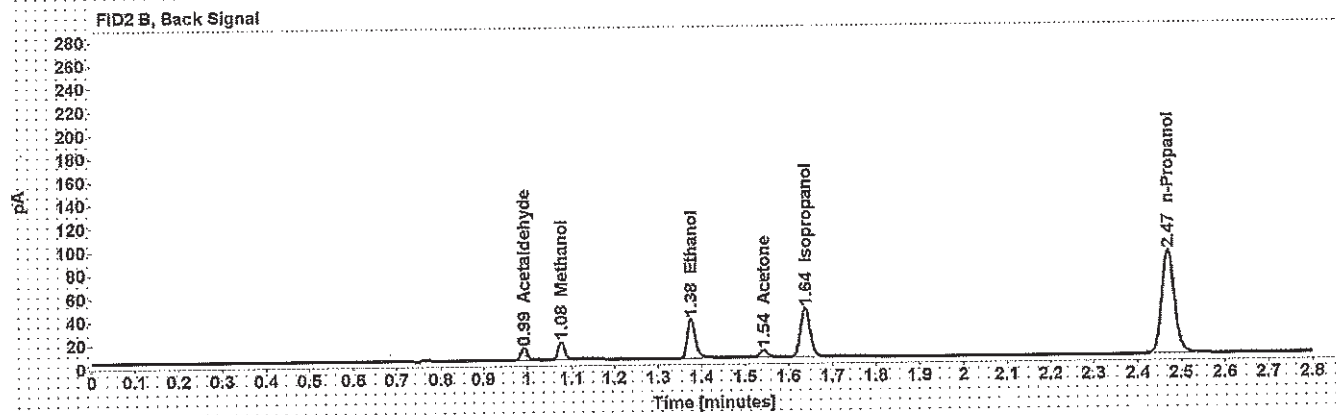
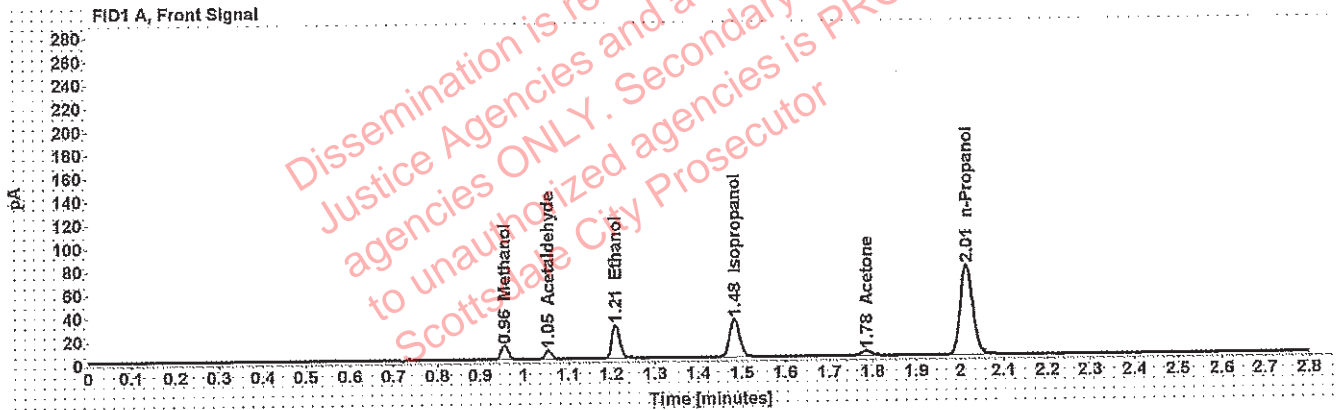


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	13.211
Acetaldehyde	-----	1.054	7.594
>Ethanol	0.0592	1.210	36.017
Isopropanol	-----	1.483	52.050
Acetone	-----	1.785	6.728
n-Propanol	-----	2.015	155.001

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	9.793
Methanol	1.077	16.558
Ethanol	1.375	43.584
Acetone	1.543	7.882
Isopropanol	1.637	64.577
n-Propanol	2.469	184.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 08012015-C	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Jun19
Instrument: US14173023 CN14160045	Injection date: 6/25/2019 3:39:12 PM
Data file: C:\Chem32\1\Data\25Jun19\7.D	Analyst: Adrian

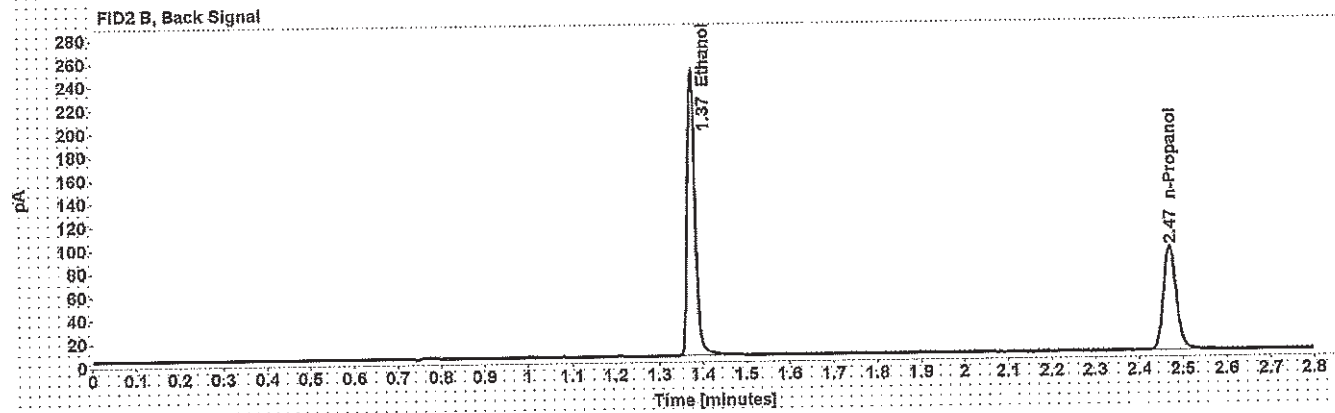
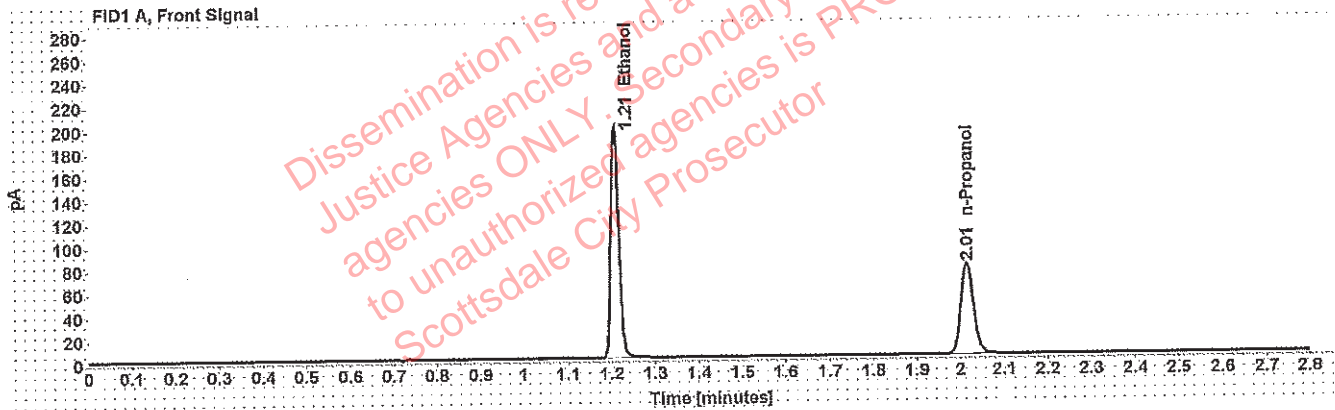


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4033	1.208	253.110
n-Propanol	-----	2.015	156.000

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

Compound	Time (min)	Peak Area
Ethanol	1.374	310.427
n-Propanol	2.469	185.008

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	09022015-A	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:43:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\8.D	Analyst:	Adrian

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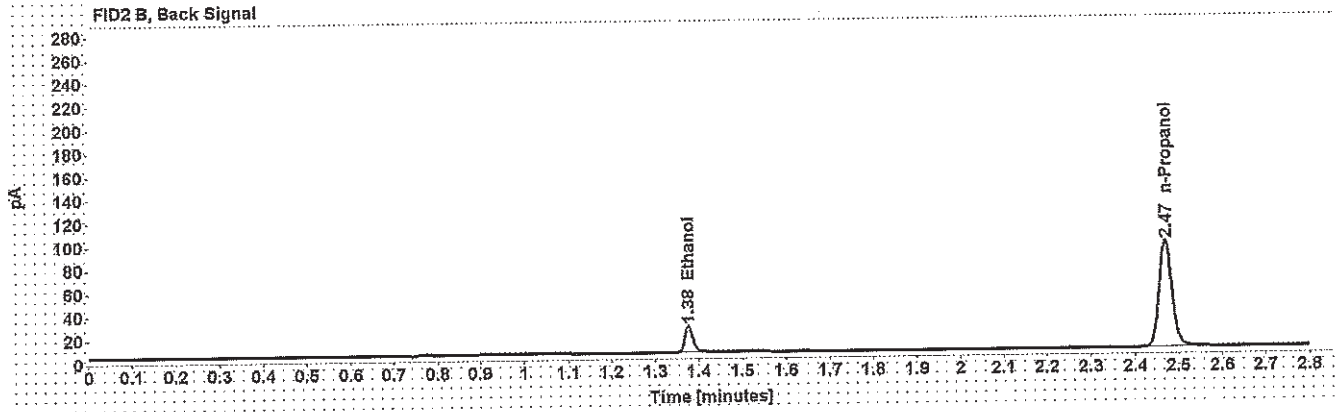
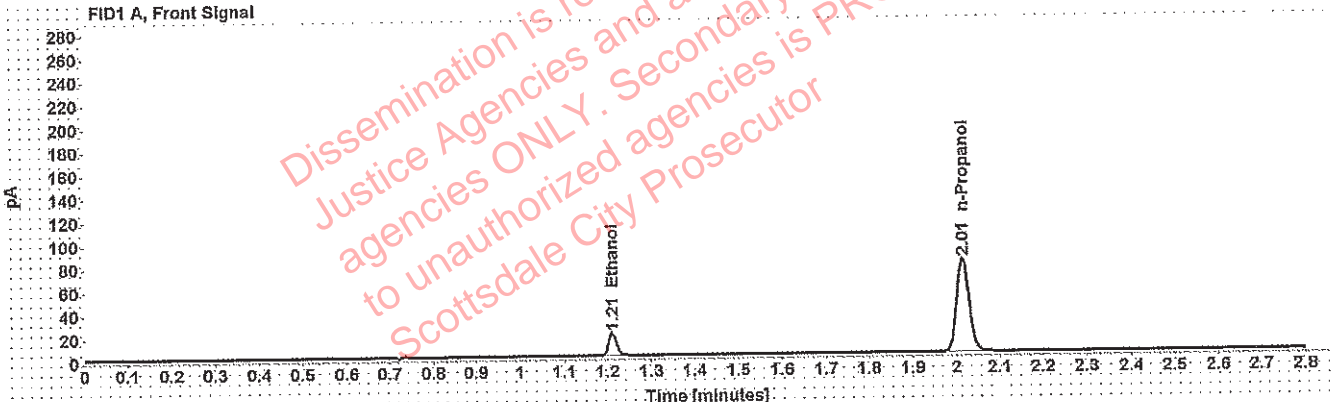


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0400	1.211	24.725
n-Propanol	-----	2.015	159.485

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.599
n-Propanol	2.469	189.211

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	407041529/13	Vial:	9
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:47:12 PM
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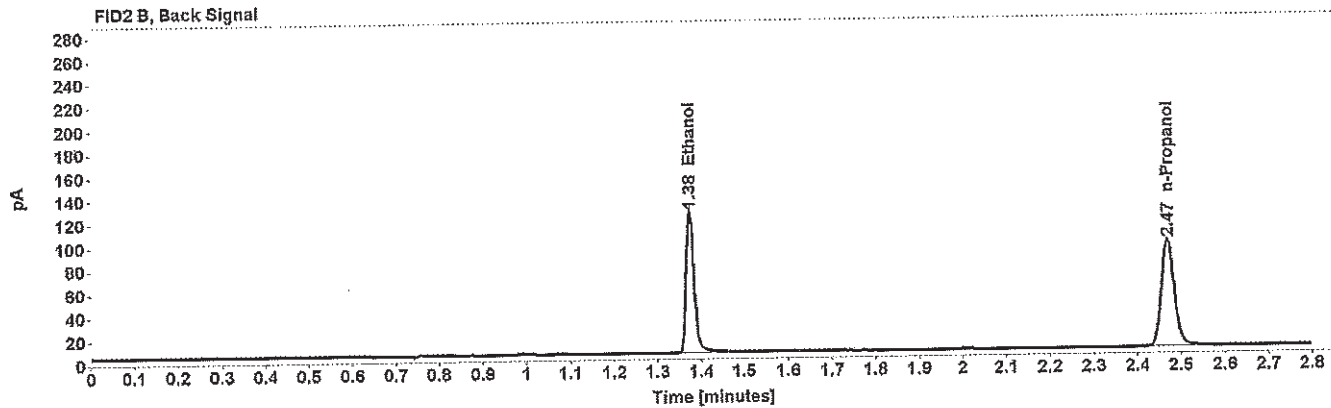
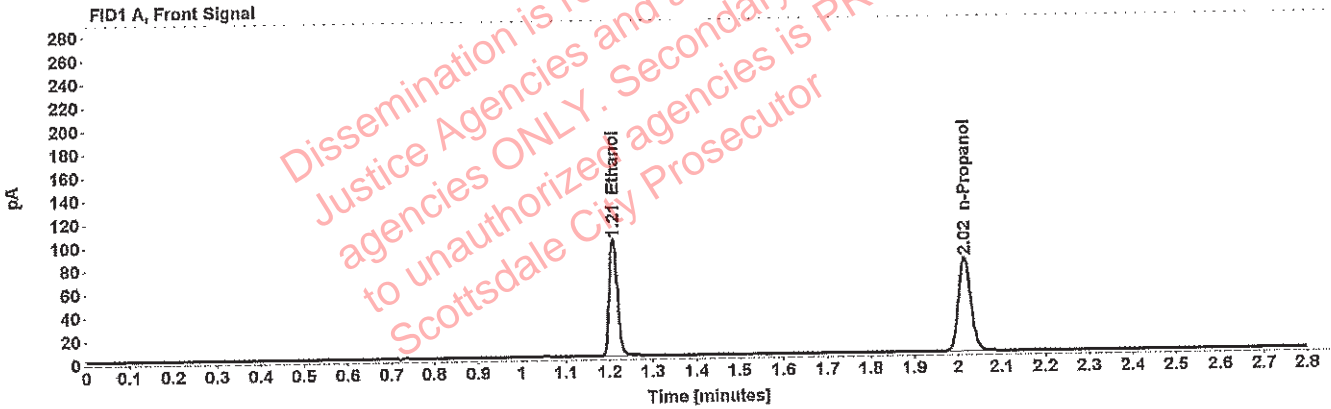


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1989	1.209	127.940
n-Propanol	-----	2.015	160.528

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

Compound	Time (min)	Peak Area
Ethanol	1.375	155.944
n-Propanol	2.470	190.590

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	28082014-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:31:43 PM
Data file:	C:\Chem32\1\Data\25Jun19\20.D	Analyst:	Adrian

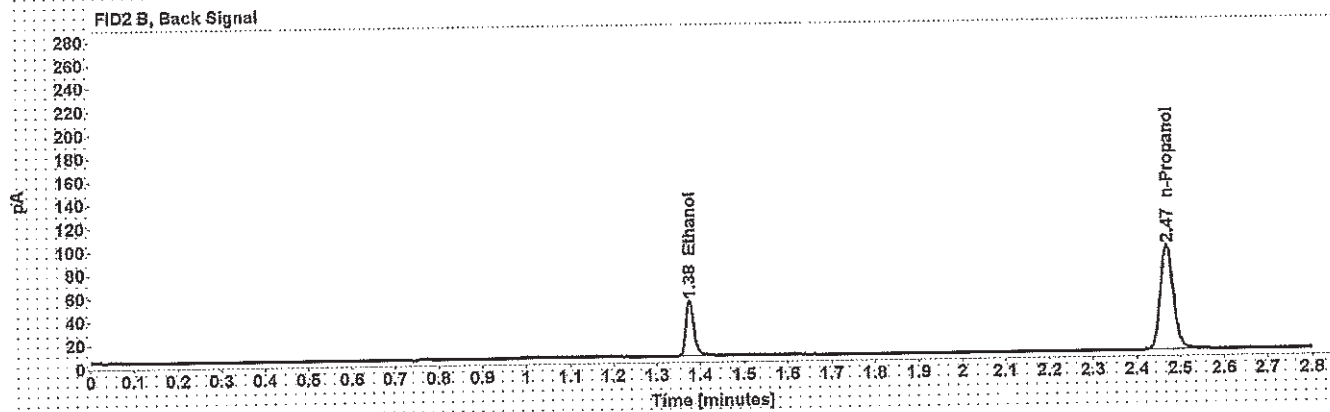
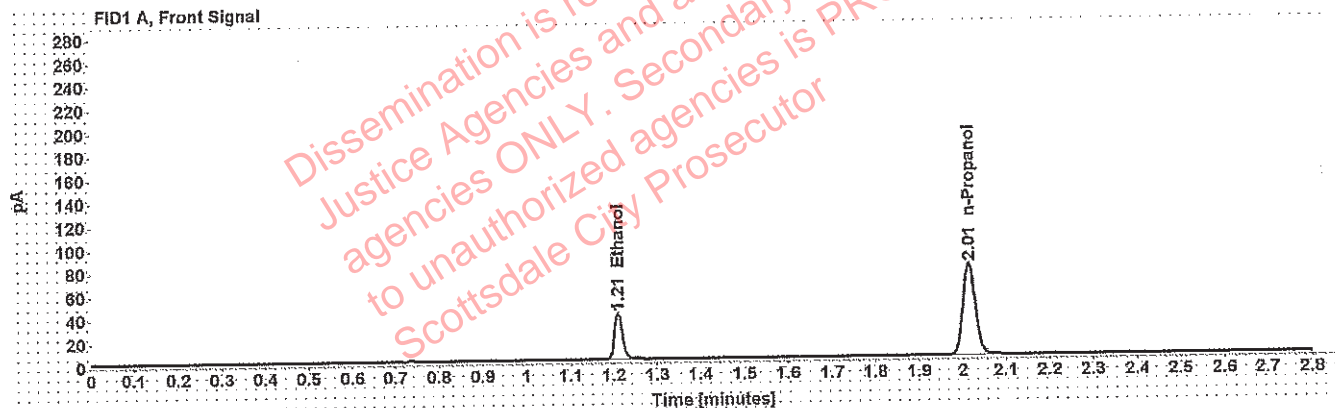


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.210	50.592
n-Propanol	-----	2.015	157.235

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

Compound	Time (min)	Peak Area
Ethanol	1.376	61.527
n-Propanol	2.469	186.505

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	09022015-C	Vial:	31
Description:	0.150	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:16:11 PM
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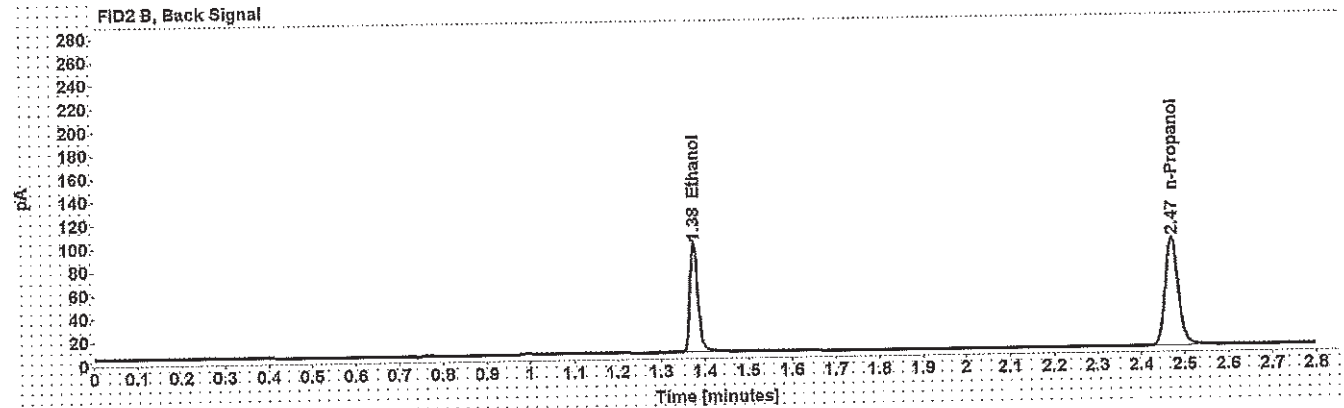
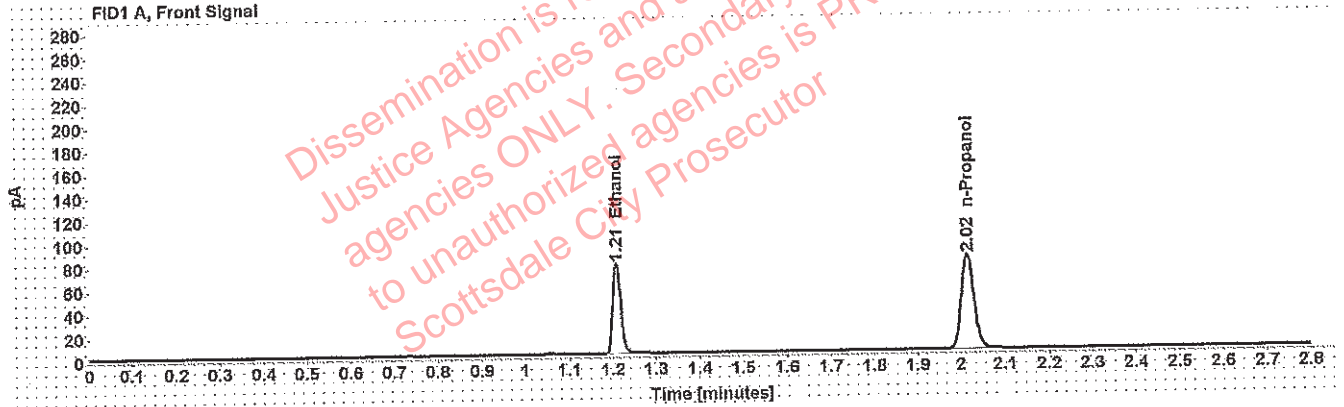


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1524	1.209	98.986
n-Propanol	-----	2.015	162.572

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

Compound	Time (min)	Peak Area
Ethanol	1.375	120.577
n-Propanol	2.470	193.321

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	407041529/13	Vial:	42
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:00:26 PM
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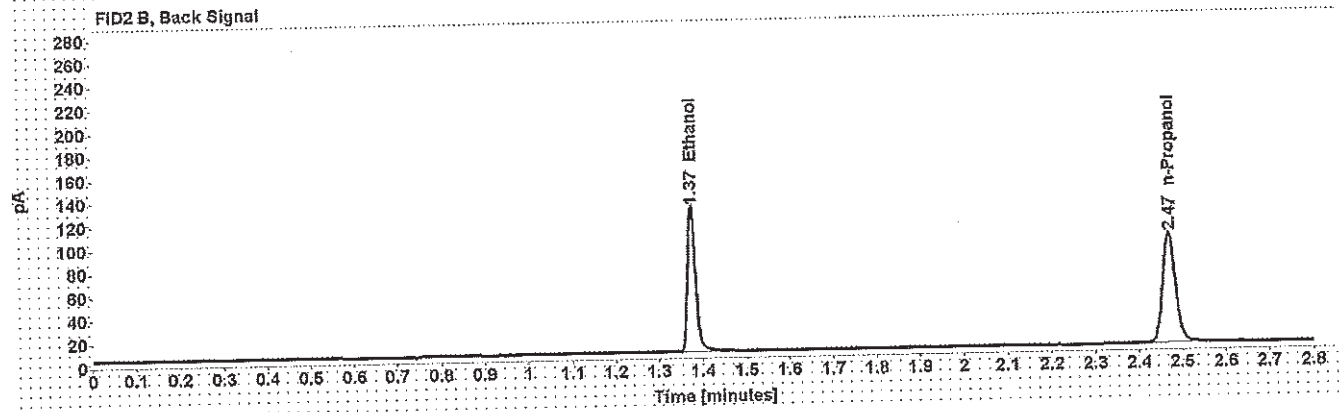
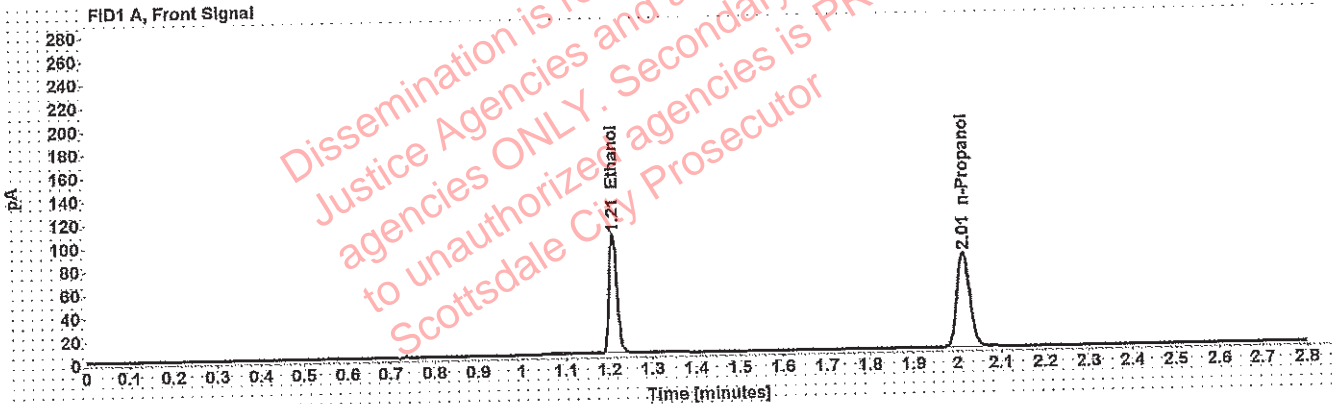


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1998	1.209	130.800
n-Propanol	-----	2.015	163.384

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

Compound	Time (min)	Peak Area
Ethanol	1.375	160.786
n-Propanol	2.469	198.195

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	28082014-B	Vial:	53
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:44:58 PM
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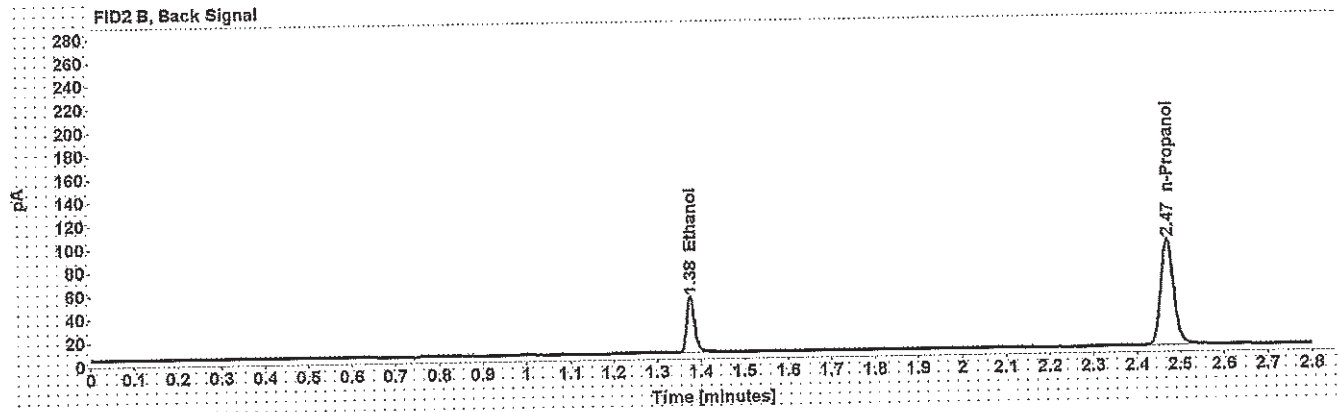
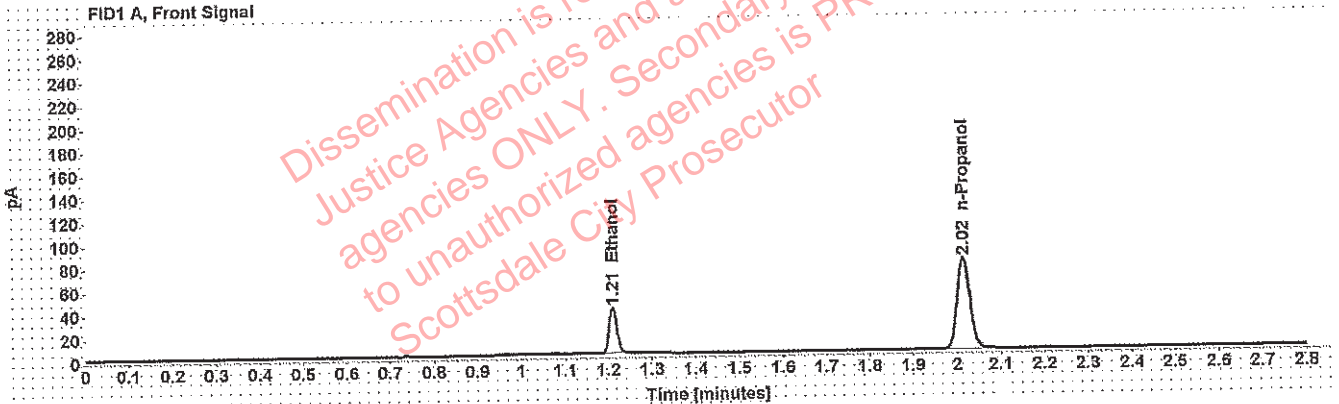


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0811	1.210	50.357
n-Propanol	-----	2.015	156.809

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

Compound	Time (min)	Peak Area
Ethanol	1.376	61.868
n-Propanol	2.470	190.468

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 08012015-C	Vial: 58
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Jun19
Instrument: US14173023 CN14160045	Injection date: 6/25/2019 7:05:14 PM
Data file: C:\Chem32\1\Data\25Jun19\58.D	Analyst: Adrian

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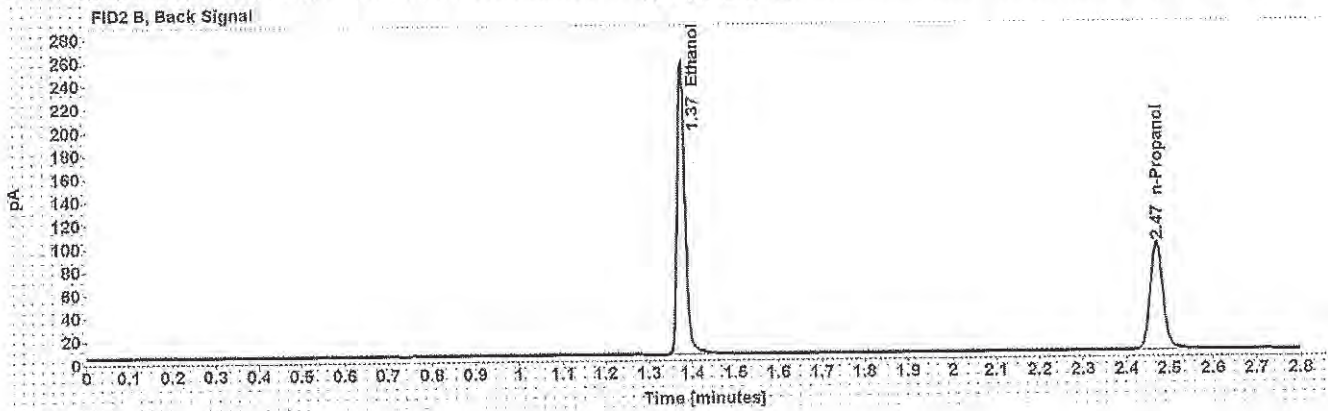
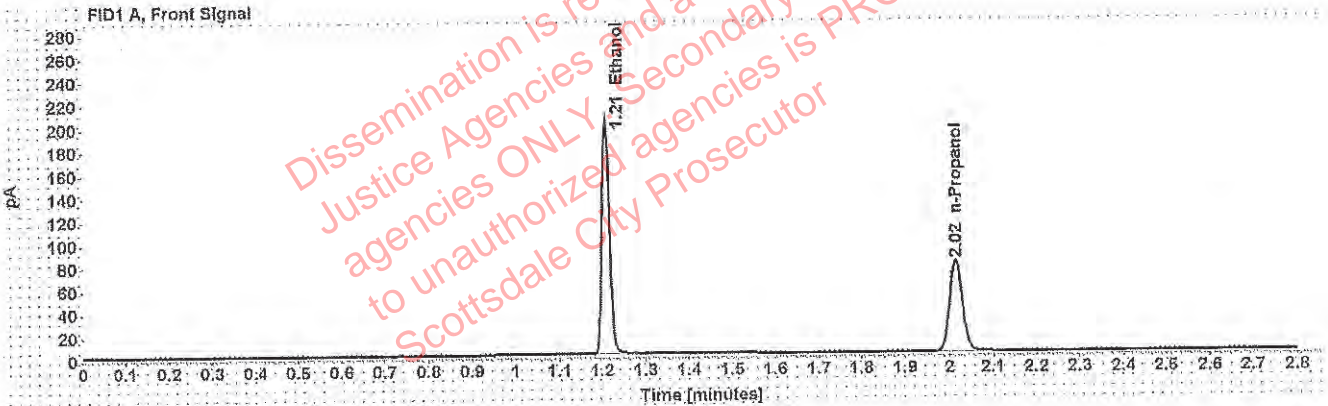


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4048	1.208	258.370
n-Propanol	---	2.015	158.636

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

Compound	Time (min)	Peak Area
Ethanol	1.375	319.118
n-Propanol	2.470	193.005

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	09022015-A	Vial:	59
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 7:09:13 PM
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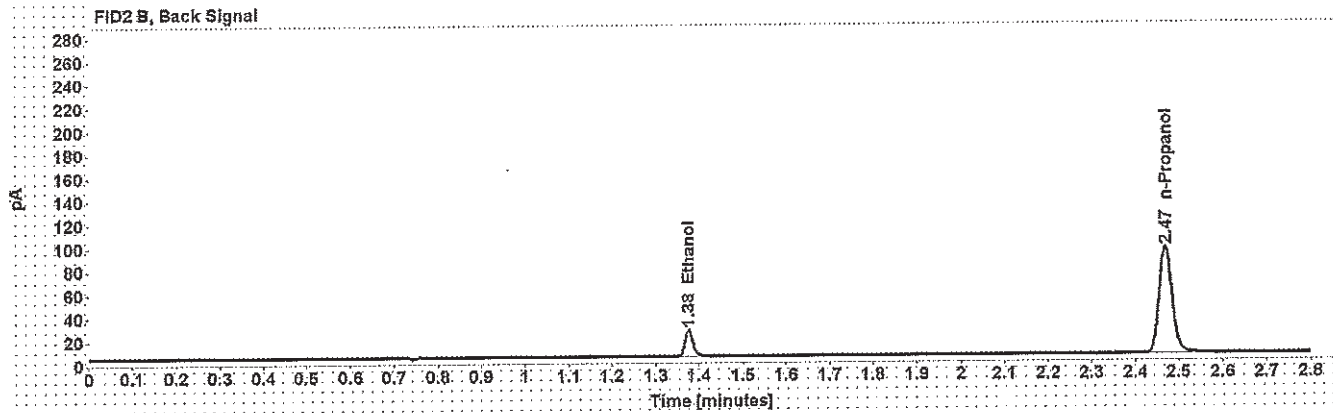
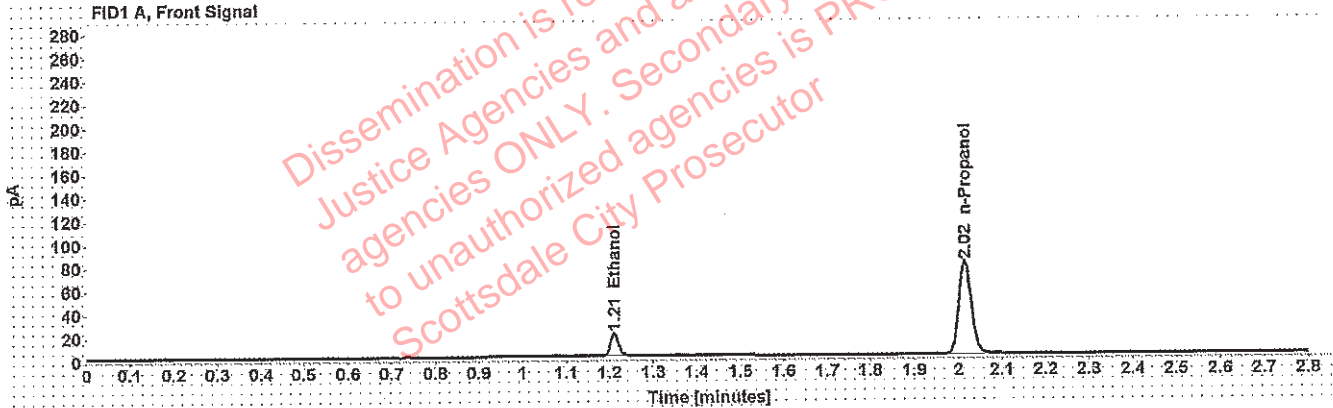


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.211	24.488
n-Propanol	-----	2.015	158.673

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

Compound	Time (min)	Peak Area
Ethanol	1.376	29.712
n-Propanol	2.470	190.720

Scottsdale Police Department Crime Lab Volatiles Analysis

wA

Sample:	407041529/13	Vial:	60
Description:	0.198	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 7:13:12 PM
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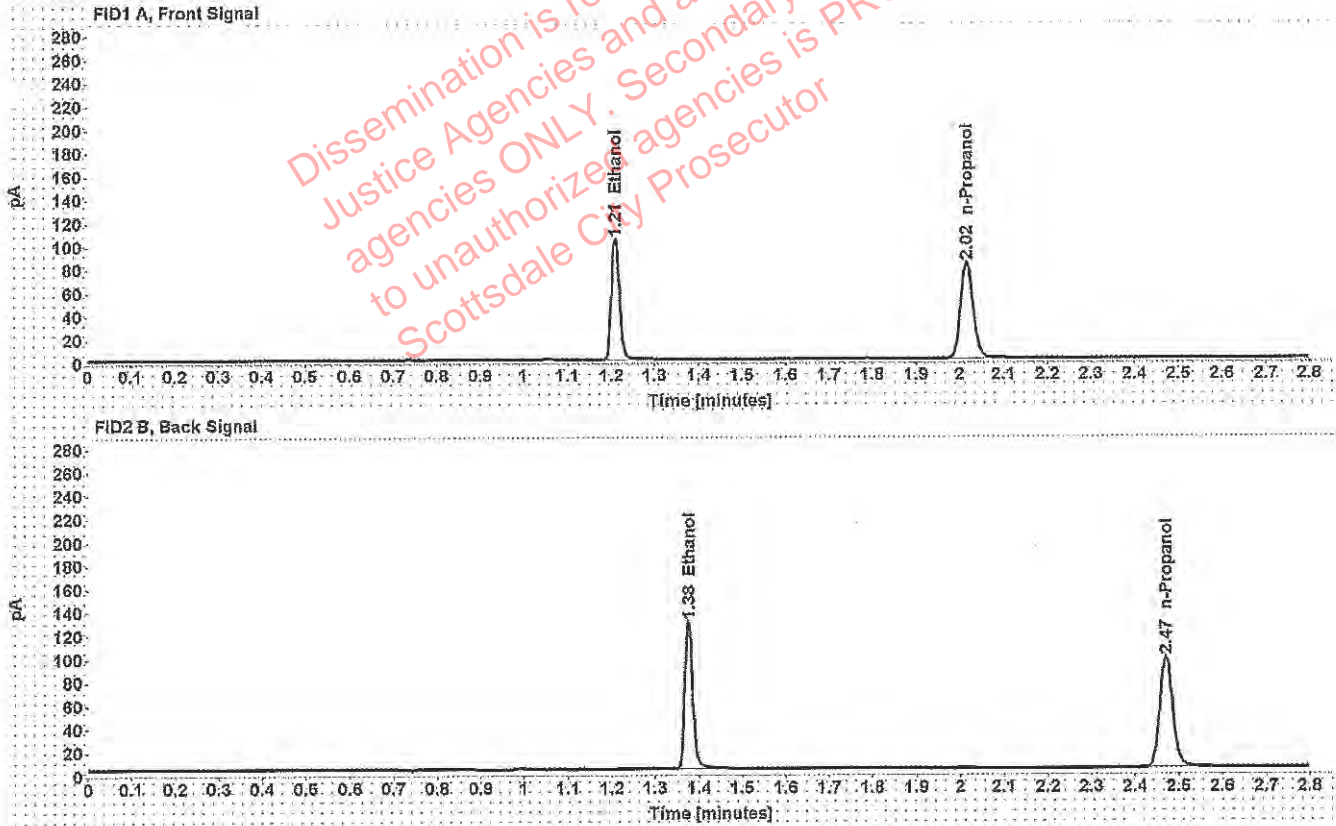


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.209	132.531
n-Propanol	-----	2.016	164.452

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

Compound	Time (min)	Peak Area
Ethanol	1.376	162.529
n-Propanol	2.470	197.408

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample:	040919WB	Vial:	61
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 7:17:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\61.D	Analyst:	Adrian

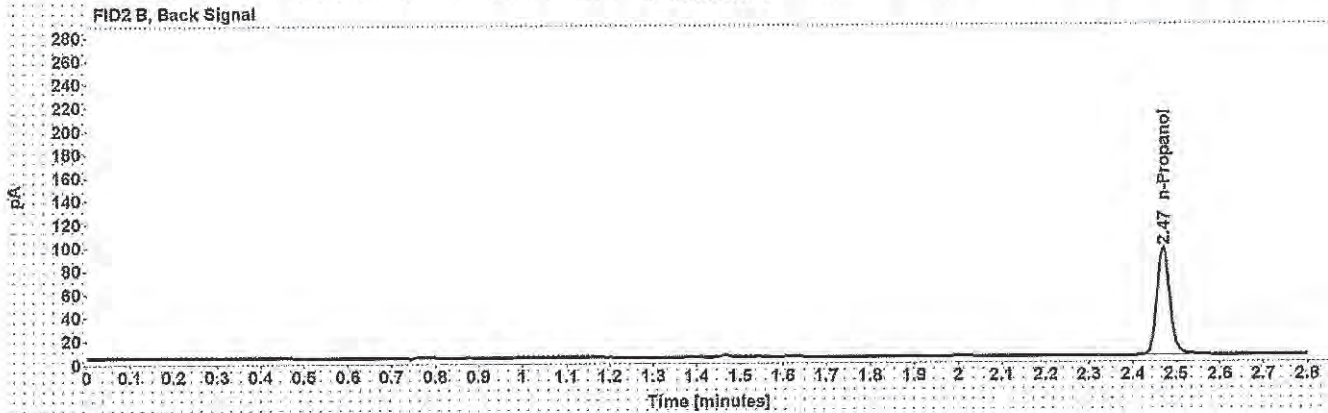
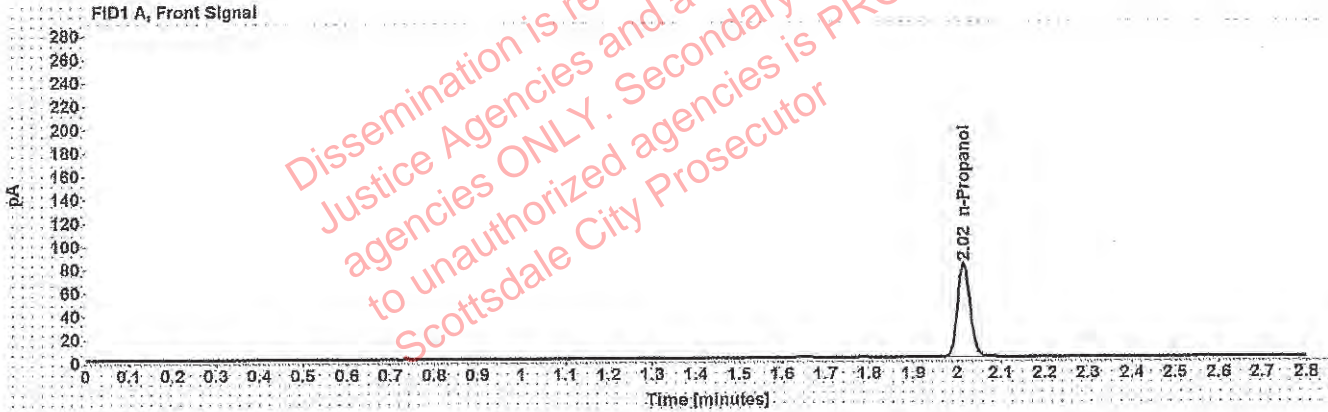


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.015	160.072

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	191.830

Scottsdale Forensic Lab
Blood Alcohol Pipetting Log

ANALYST: Adrian

SEQUENCE: 25Jun19

VA

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1259633	1259633	1259633	Yes
Vials 12 and 13	1271425	1271425	1271425	Yes
Vials 14 and 15	1254195	1254195	1254195	Yes
Vials 16 and 17	1272673	1272673	1272673	Yes
Vials 18 and 19	34001SV	34001SV	34001SV	Yes
Vials 21 and 22	1273054	1273054	1273054	Yes
Vials 23 and 24	1253332	1253332	1253332	Yes
Vials 25 and 26	1246276	1246276	1246276	Yes
Vials 27 and 28	1272392	1272392	1272392	Yes
Vials 29 and 30	1273612	1273612	1273612	Yes
Vials 32 and 33	1272915	1272915	1272915	Yes
Vials 34 and 35	1274023	1274023	1274023	Yes
Vials 36 and 37	1275953	1275953	1275953	Yes
Vials 38 and 39	1276202	1276202	1276202	Yes
Vials 40 and 41	1275198	1275198	1275198	Yes
Vials 43 and 44	1274063	1274063	1274063	Yes
Vials 45 and 46	1274499	1274499	1274499	Yes
Vials 47 and 48	1273751	1273751	1273751	Yes
Vials 49 and 50	1274509	1274509	1274509	Yes
Vials 51 and 52	1273756	1273756	1273756	Yes
Vials 54 and 55	34001BY	34001BY	34001BY	Yes
Vials 56 and 57	1272685	1272685	1272685	Yes

Sequence Summary

WA

Sequence name: 25Jun19 Instrument: US14173023 CN14160045 Analyst: Adrian

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	051619	Negative	Control		ethanol quant.M
6	020917	Volatiles mix	Control		ethanol quant.M
7	08012015-C	0.400	Control		ethanol quant.M
8	09022015-A	0.040	Control		ethanol quant.M
9	407041529/13	0.198	Control		ethanol quant.M
10			Sample		ethanol quant.M
11			Sample		ethanol quant.M
12			Sample		ethanol quant.M
13			Sample		ethanol quant.M
14			Sample		ethanol quant.M
15			Sample		ethanol quant.M
16			Sample		ethanol quant.M
17			Sample		ethanol quant.M
18			Sample		ethanol quant.M
19			Sample		ethanol quant.M
20	28082014-B	0.080	Control		ethanol quant.M
21			Sample		ethanol quant.M
22			Sample		ethanol quant.M
23			Sample		ethanol quant.M
24			Sample		ethanol quant.M
25			Sample		ethanol quant.M
26			Sample		ethanol quant.M
27			Sample		ethanol quant.M
28			Sample		ethanol quant.M
29			Sample		ethanol quant.M
30			Sample		ethanol quant.M
31	09022015-C	0.150	Control		ethanol quant.M
32			Sample		ethanol quant.M
33			Sample		ethanol quant.M
34			Sample		ethanol quant.M
35			Sample		ethanol quant.M
36			Sample		ethanol quant.M
37			Sample		ethanol quant.M
38			Sample		ethanol quant.M
39			Sample		ethanol quant.M
40			Sample		ethanol quant.M
41			Sample		ethanol quant.M
42	407041529/13	0.198	Control		ethanol quant.M
43			Sample		ethanol quant.M
44			Sample		ethanol quant.M
45			Sample		ethanol quant.M
46			Sample		ethanol quant.M
47			Sample		ethanol quant.M

Sequence Summary

25 Jun 19 WA81570
6/26/19

WA

48			Sample		ethanol quant.M
49			Sample		ethanol quant.M
50			Sample		ethanol quant.M
51			Sample		ethanol quant.M
52			Sample		ethanol quant.M
53	28082014-B	0.080	Control		ethanol quant.M
54			Sample		ethanol quant.M
55			Sample		ethanol quant.M
56			Sample		ethanol quant.M
57			Sample		ethanol quant.M
58	08012015-C	0.400	Control		ethanol quant.M
59	09022015-A	0.040	Control		ethanol quant.M
60	407041529/13	0.198	Control		ethanol quant.M
61	040919WB	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25Jun19

ANALYST: Adrian WA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1799	0.1805	0.18020	0.17	0.00030
12 13	0.1643	0.1649	0.16460	0.18	0.00030
14 15	0.1906	0.1901	0.19035	0.13	0.00025
16 17	0.2143	0.2139	0.21410	0.09	0.00020
18 19	0.1968	0.1975	0.19715	0.18	0.00035
21 22	0.2055	0.2055	0.20550	0.00	0.00000
23 24	0.1969	0.1977	0.19730	0.20	0.00040
25 26	0.1035	0.1040	0.10375	0.24	0.00025
27 28	0.0287	0.0289	0.02880	0.35	0.00010
29 30	0.1475	0.1477	0.14760	0.07	0.00010
32 33	0.2078	0.2075	0.20765	0.07	0.00015
34 35	0.2329	0.2323	0.23260	0.13	0.00030
36 37	0.2007	0.1996	0.20015	0.27	0.00055
38 39	0.0000	0.0000	0.00000	0.00	0.00000
40 41	0.1264	0.1266	0.12650	0.08	0.00010
43 44	0.2261	0.2252	0.22565	0.20	0.00045
45 46	0.2290	0.2293	0.22915	0.07	0.00015
47 48	0.0904	0.0902	0.09030	0.11	0.00010
49 50	0.0833	0.0833	0.08330	0.00	0.00000
51 52	0.1216	0.1213	0.12145	0.12	0.00015
54 55	0.2053	0.2056	0.20545	0.07	0.00015
56 57	0.1505	0.1500	0.15025	0.17	0.00025

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

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:51:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\10.D	Analyst:	Adrian

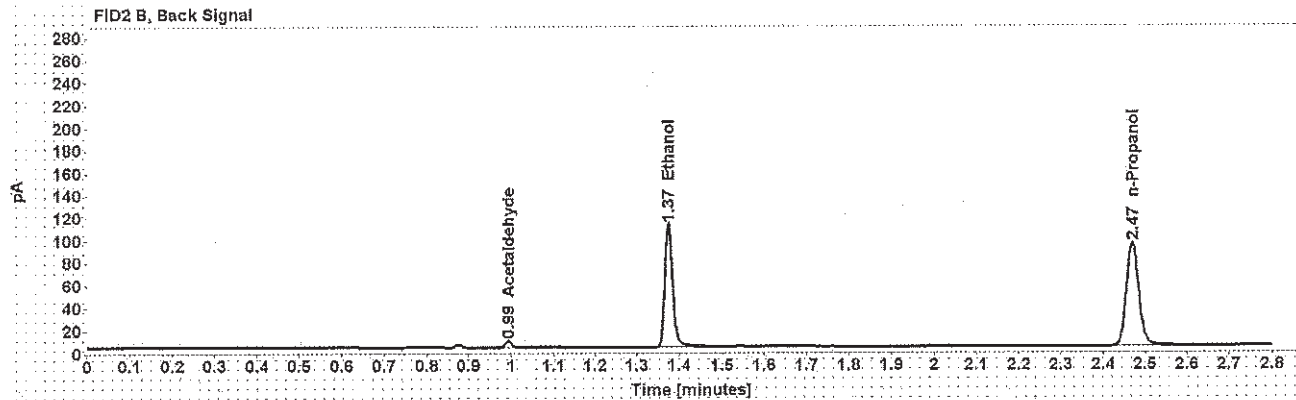
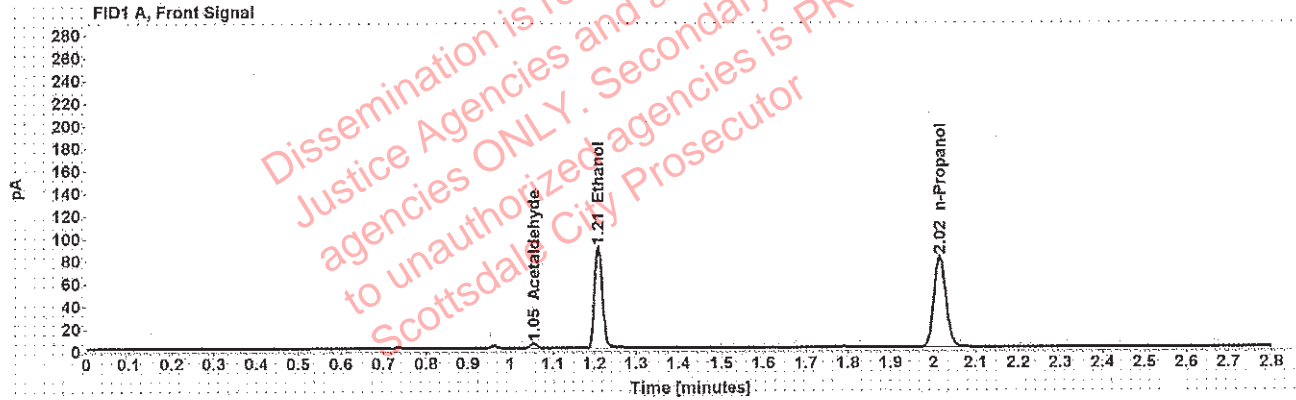


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.423
>Ethanol	0.1799	1.209	115.238
n-Propanol	-----	2.015	160.056

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.698
Ethanol	1.375	140.502
n-Propanol	2.469	189.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:55:13 PM
Data file:	C:\Chem32\1\Data\25Jun19\11.D	Analyst:	Adrian

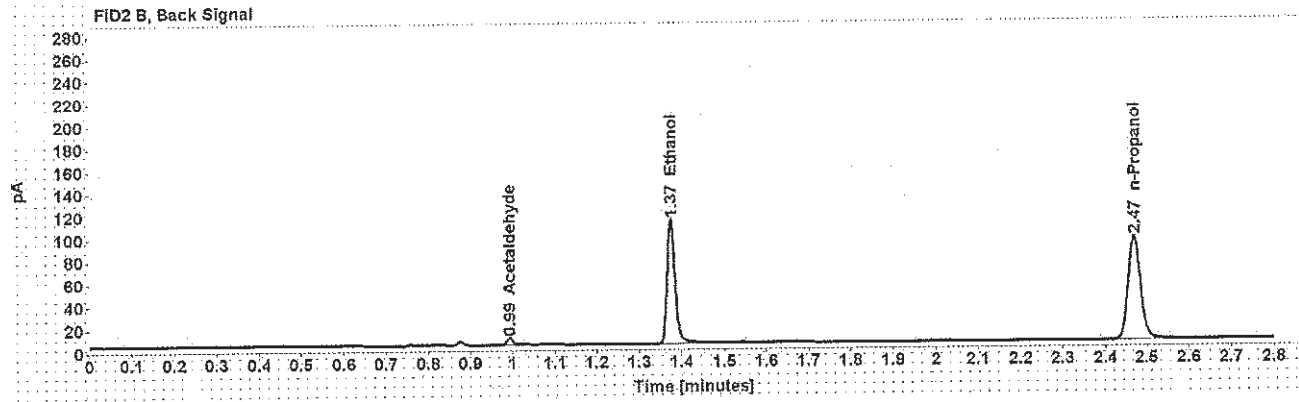
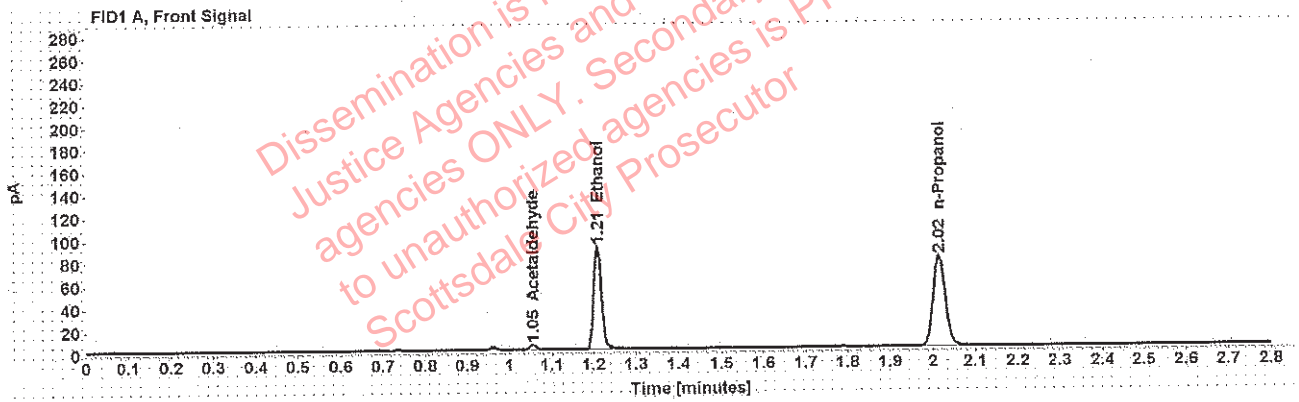


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.451
>Ethanol	0.1805	1.209	115.529
n-Propanol	-----	2.015	159.871

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.761
Ethanol	1.375	140.447
n-Propanol	2.469	188.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 3:59:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\12.D	Analyst:	Adrian

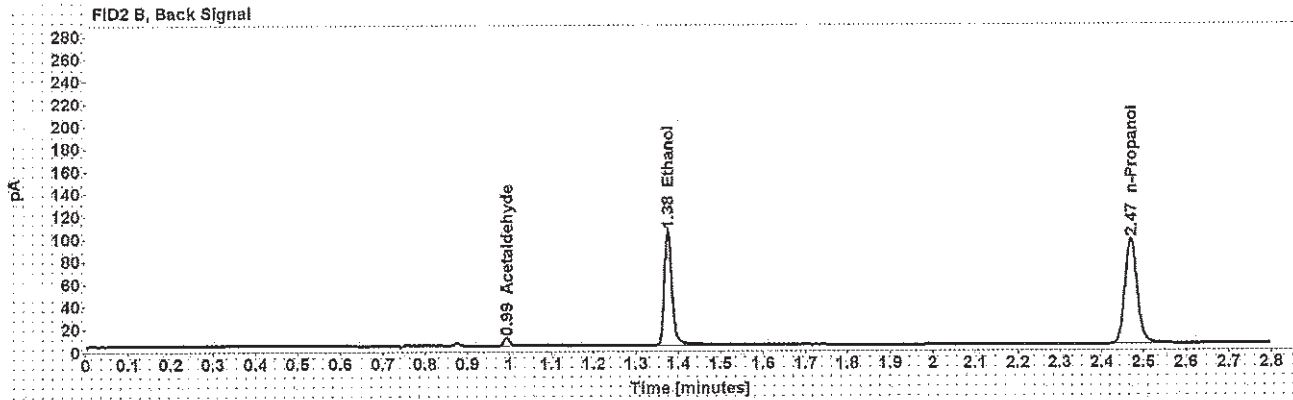
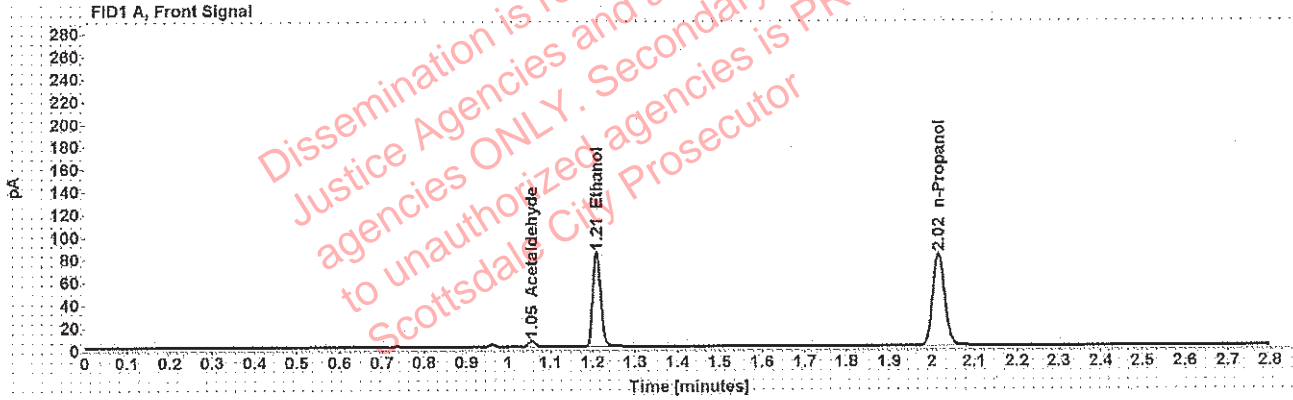


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.322
>Ethanol	0.1643	1.209	107.046
n-Propanol	-----	2.015	162.954

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.869
Ethanol	1.375	131.773
n-Propanol	2.470	193.875

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:03:26 PM
Data file:	C:\Chem32\1\Data\25Jun19\13.D	Analyst:	Adrian

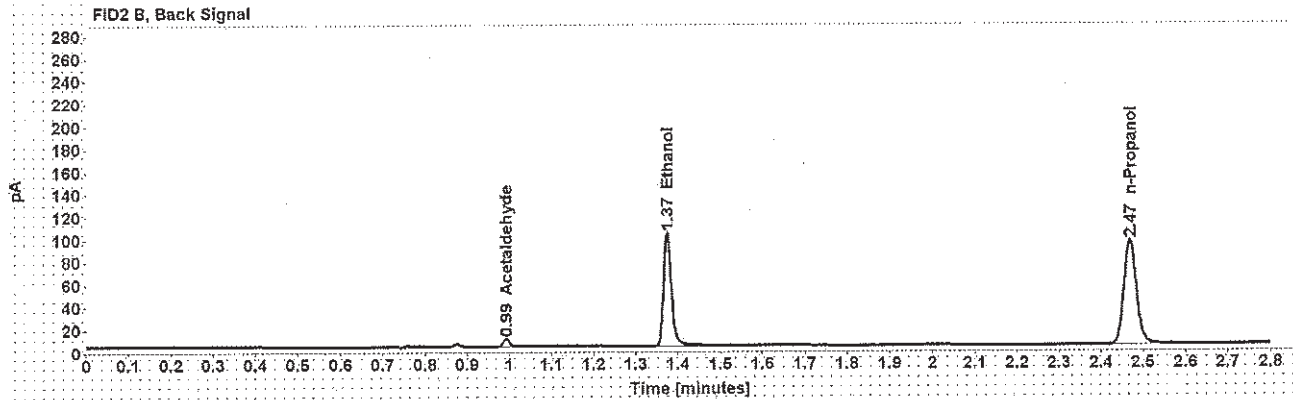
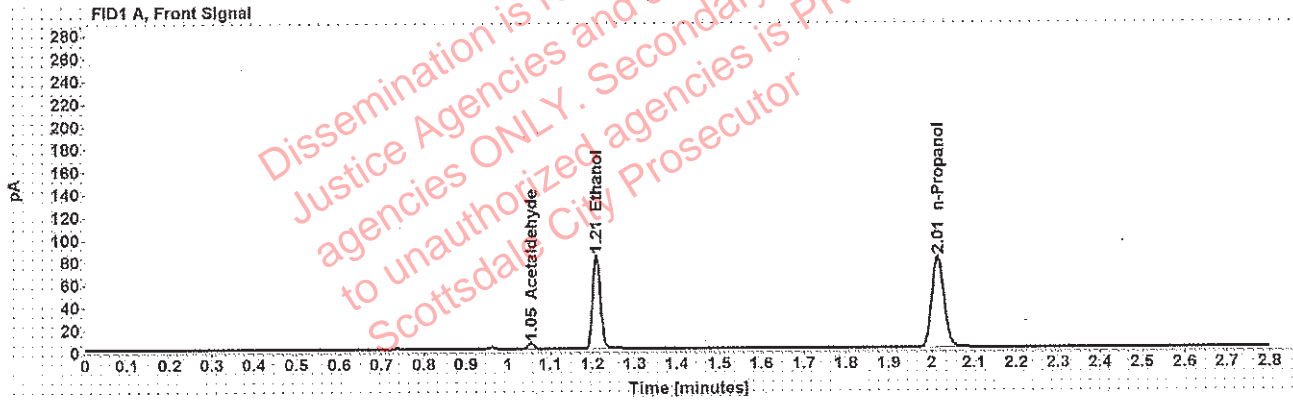


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.165
>Ethanol	0.1649	1.209	106.379
n-Propanol	-----	2.015	161.290

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.674
Ethanol	1.375	130.864
n-Propanol	2.469	191.705

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:07:26 PM
Data file:	C:\Chem32\1\Data\25Jun19\14.D	Analyst:	Adrian

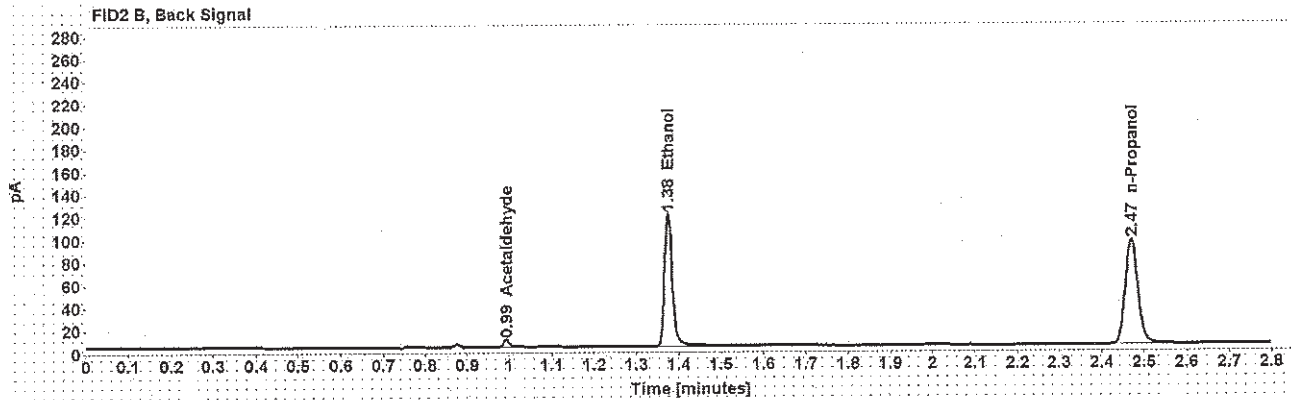
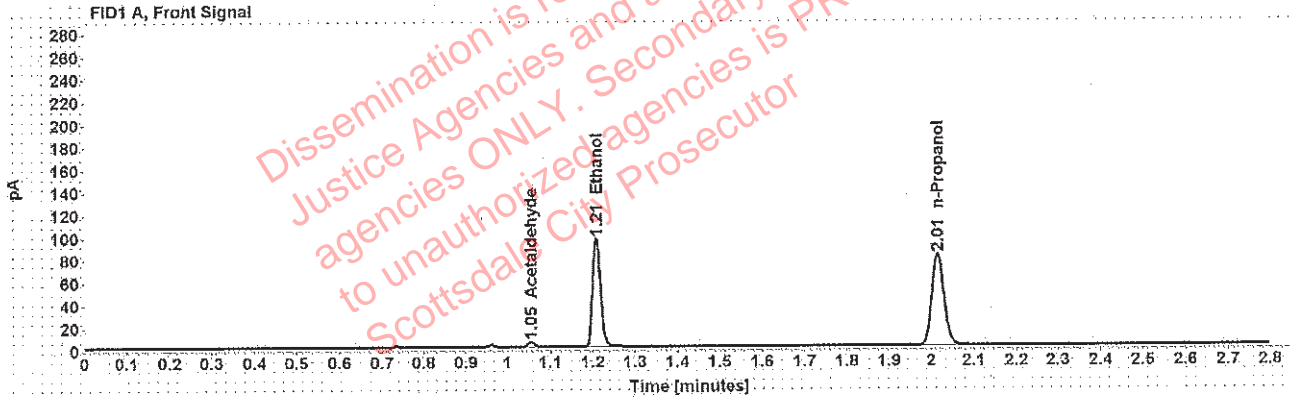


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.575
>Ethanol	0.1906	1.209	123.563
n-Propanol	-----	2.015	161.862

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.932
Ethanol	1.375	151.847
n-Propanol	2.469	192.180

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:11:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\15.D	Analyst:	Adrian

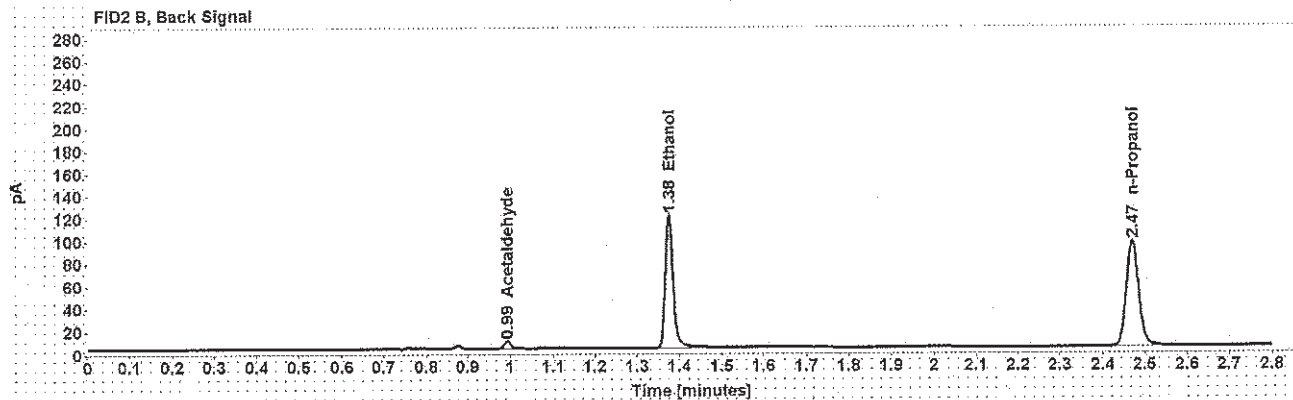
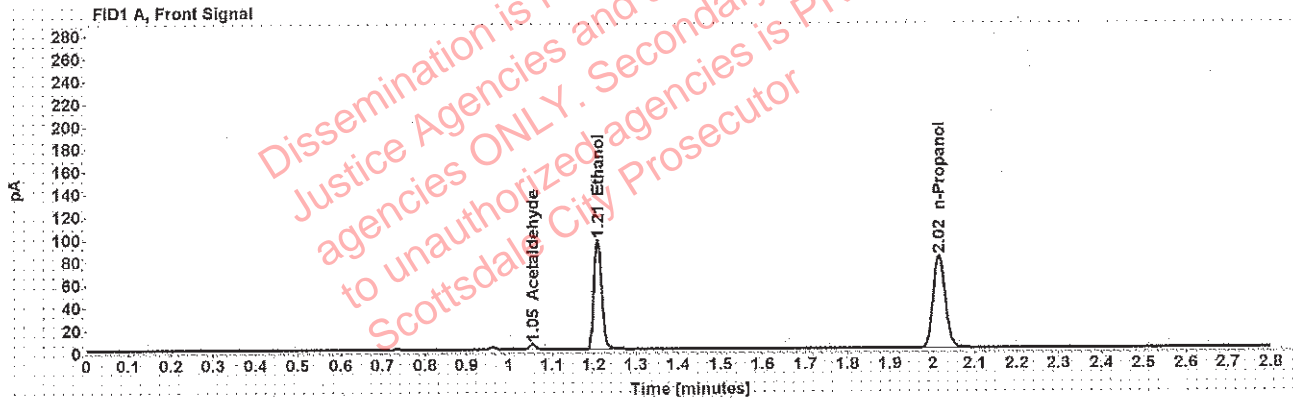


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.645
>Ethanol	0.1901	1.209	123.794
n-Propanol	-----	2.015	162.638

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.029
Ethanol	1.375	152.528
n-Propanol	2.470	193.189

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:15:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\16.D	Analyst:	Adrian

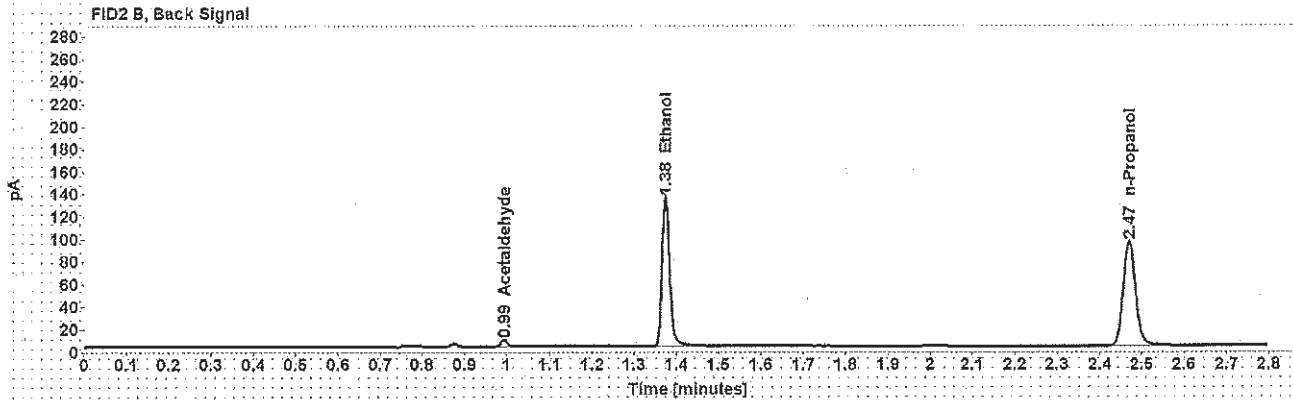
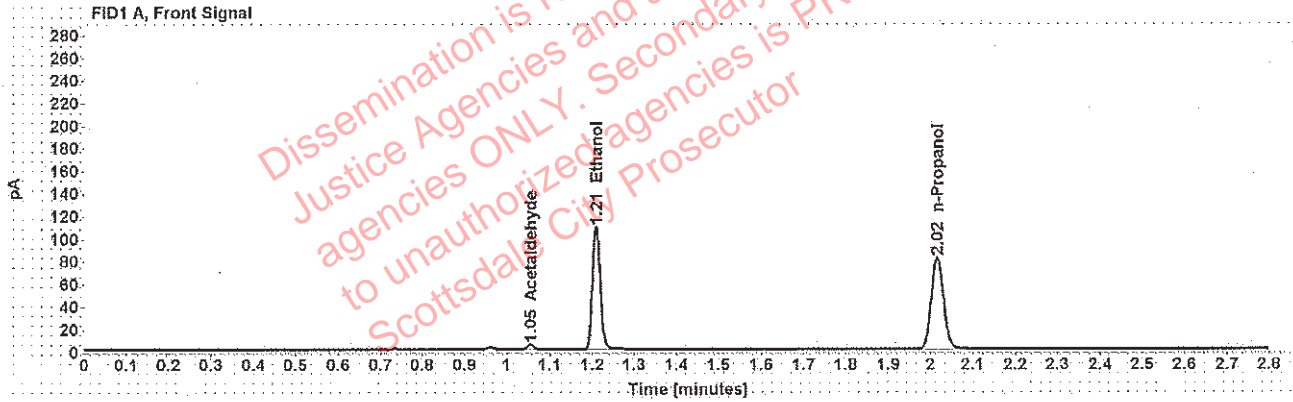


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.480
>Ethanol	0.2143	1.209	139.005
n-Propanol	-----	2.015	161.792

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.815
Ethanol	1.375	169.002
n-Propanol	2.470	191.574

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:19:26 PM
Data file:	C:\Chem32\1\Data\25Jun19\17.D	Analyst:	Adrian

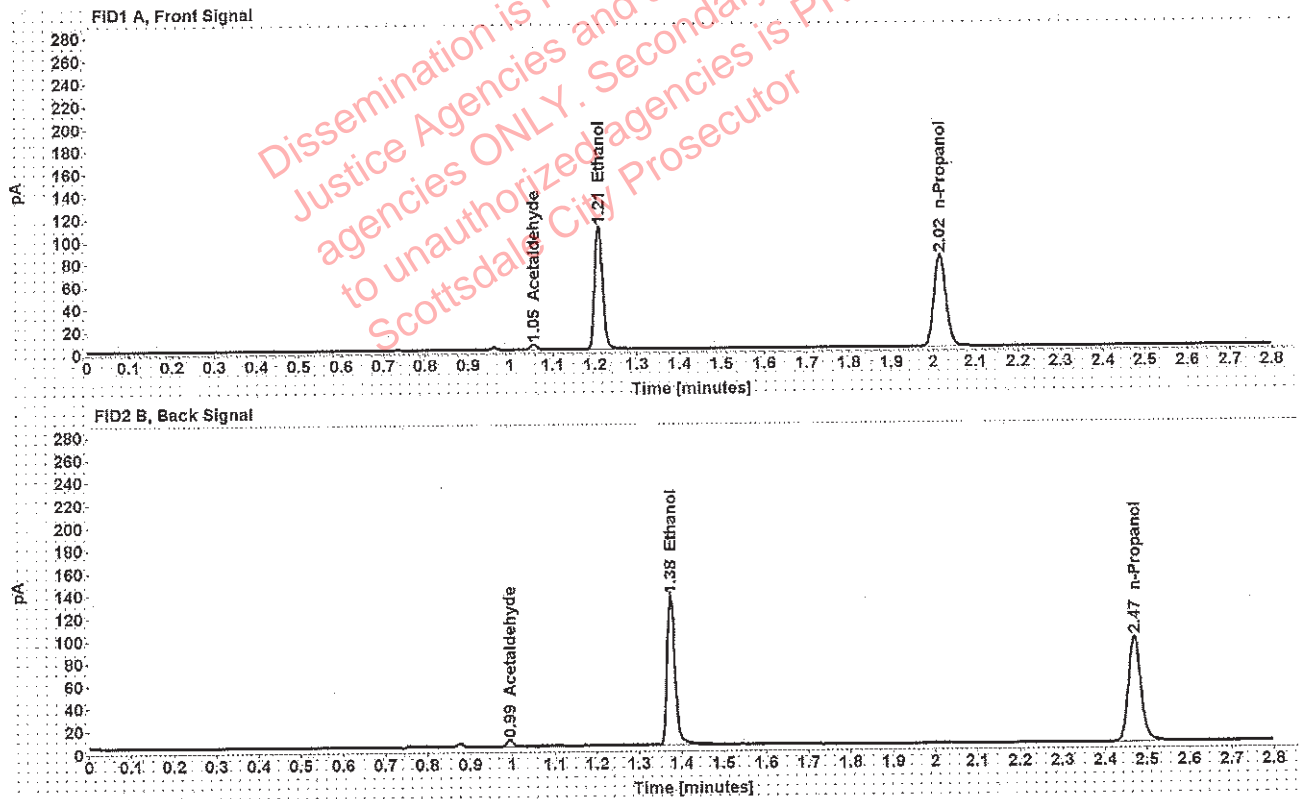


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.559
>Ethanol	0.2139	1.209	140.170
n-Propanol	-----	2.015	163.462

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.932
Ethanol	1.375	170.603
n-Propanol	2.470	194.149

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:23:27 PM
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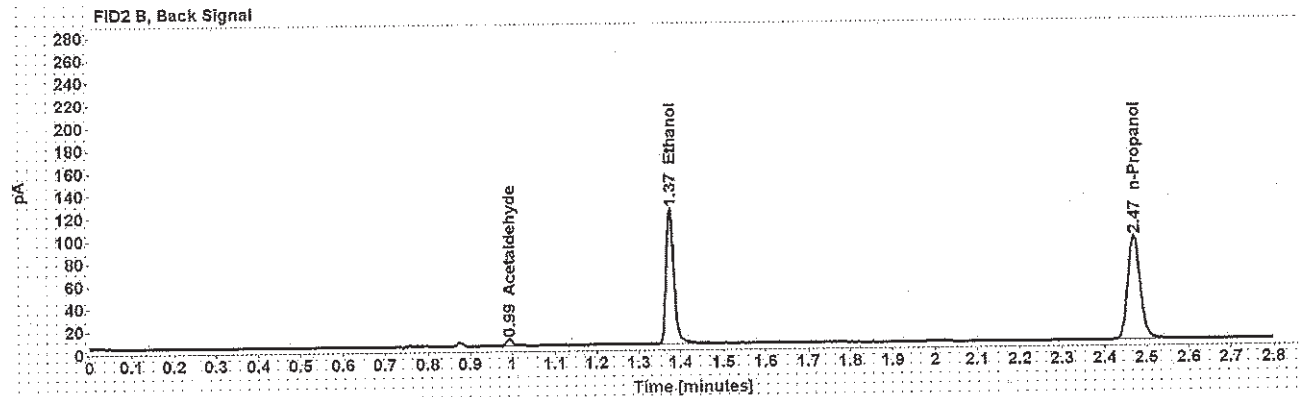
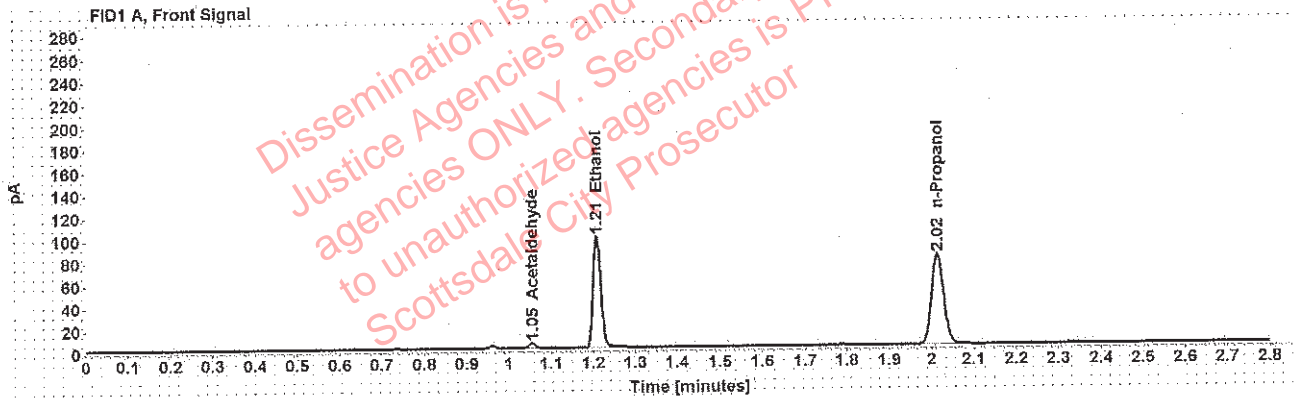


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.532
>Ethanol	0.1968	1.209	126.478
n-Propanol	-----	2.015	160.394

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.867
Ethanol	1.375	155.340
n-Propanol	2.470	190.475

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	19
Description:		LIMS ID:	
Method:	ethanol.quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:27:42 PM
Data file:	C:\Chem32\1\Data\25Jun19\19.D	Analyst:	Adrian

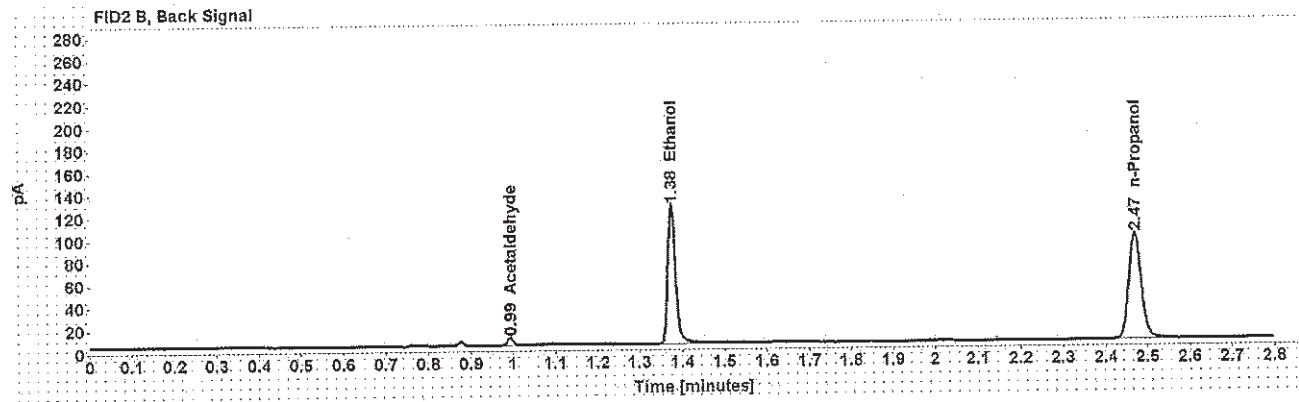
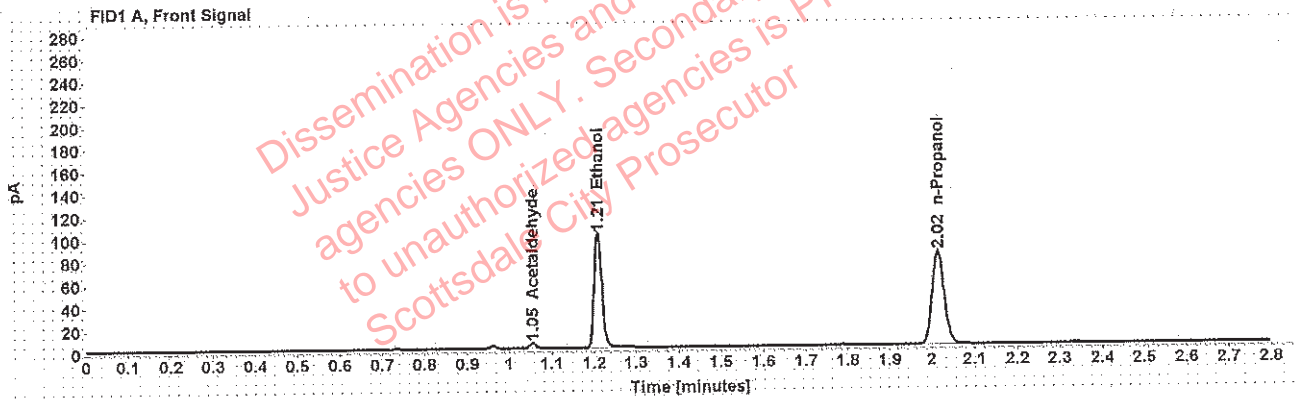


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.631
>Ethanol	0.1975	1.209	129,616
n-Propanol	-----	2.015	163,796

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5,996
Ethanol	1.375	159,200
n-Propanol	2.469	194,419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:35:42 PM
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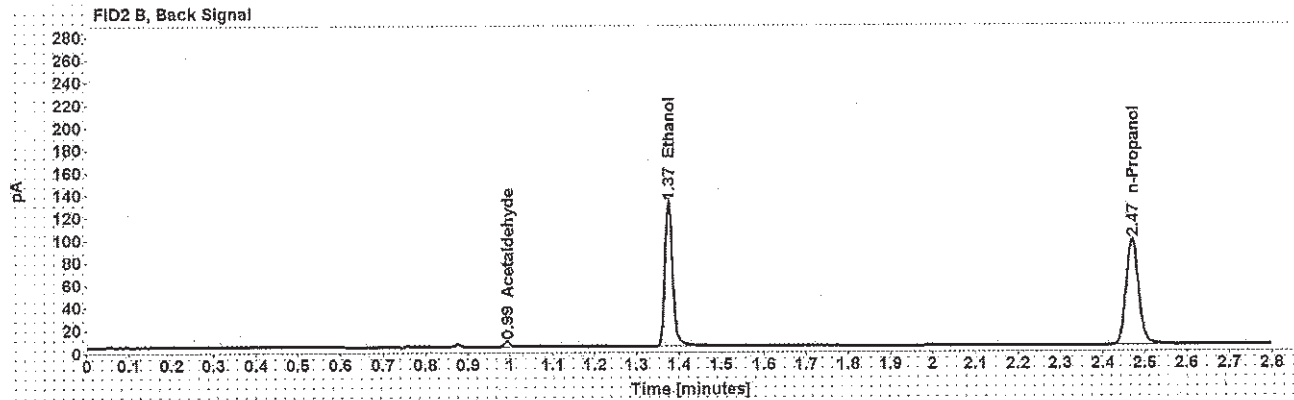
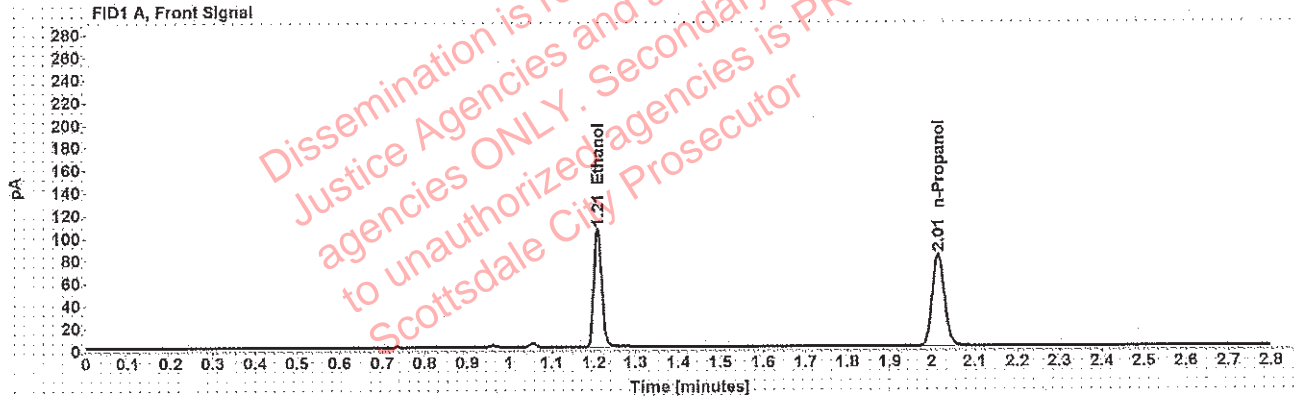


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.209	134.642
n-Propanol	-----	2.015	163.527

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.526
Ethanol	1.375	164.065
n-Propanol	2.469	193.889

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:39:41 PM
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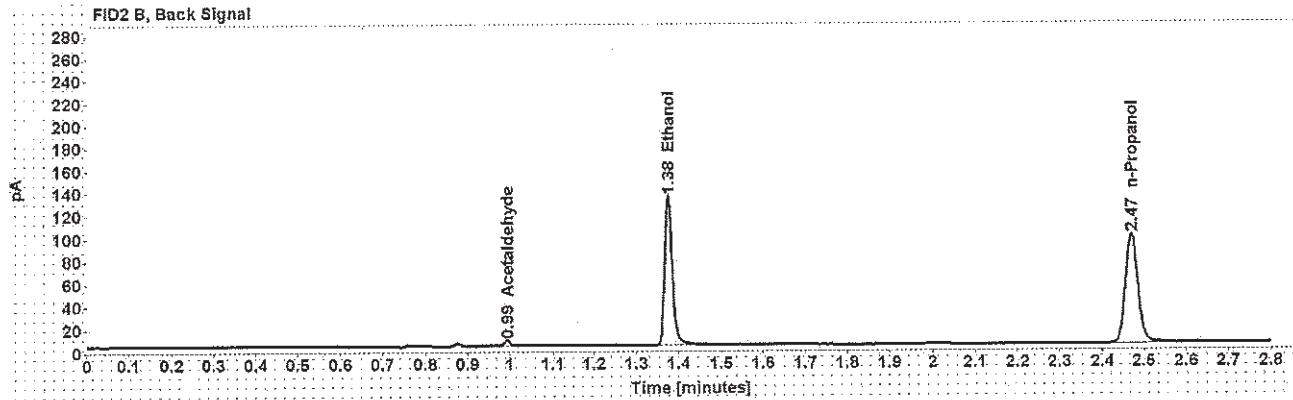
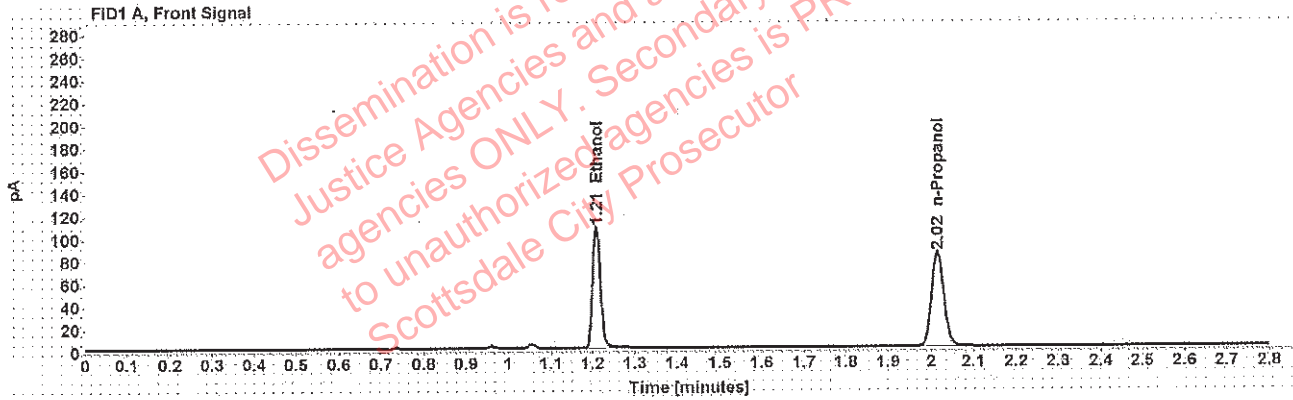


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2055	1.209	137.867
n-Propanol	-----	2.015	167.410

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	4.573
Ethanol	1.375	168.237
n-Propanol	2.470	199.137

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:43:43 PM
Data file:	C:\Chem32\1\Data\25Jun19\23.D	Analyst:	Adrian

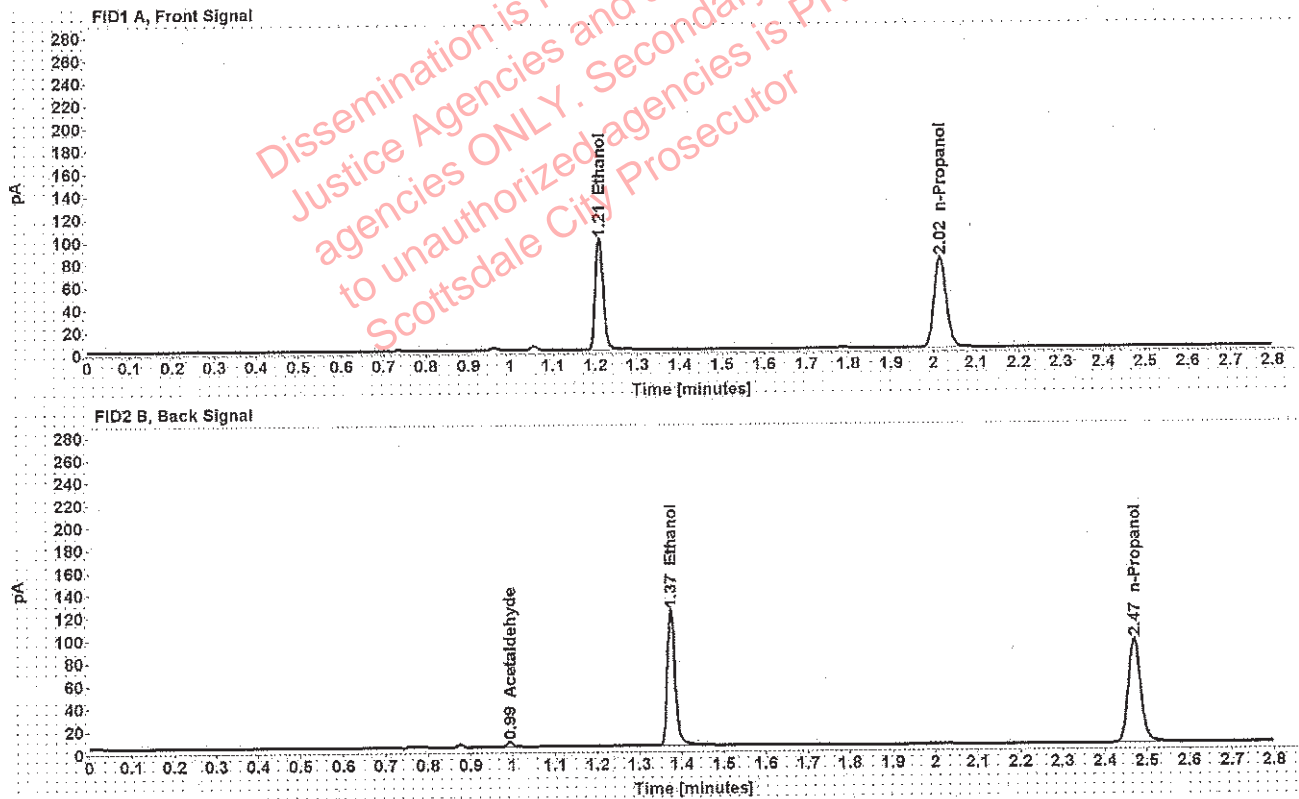


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1969	1.209	126.338
n-Propanol	-----	2.015	160.168

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.408
Ethanol	1.375	153.880
n-Propanol	2.470	190.674

Adrian, William - (26-Jun-2019)

Case [redacted] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	24
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:47:42 PM
Data file:	C:\Chem32\1\Data\25Jun19\24.D	Analyst:	Adrian

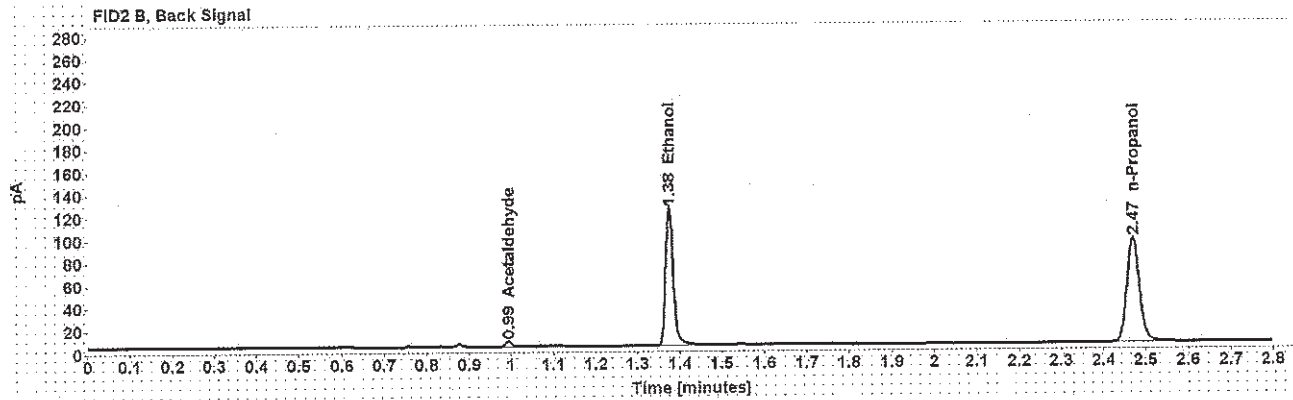
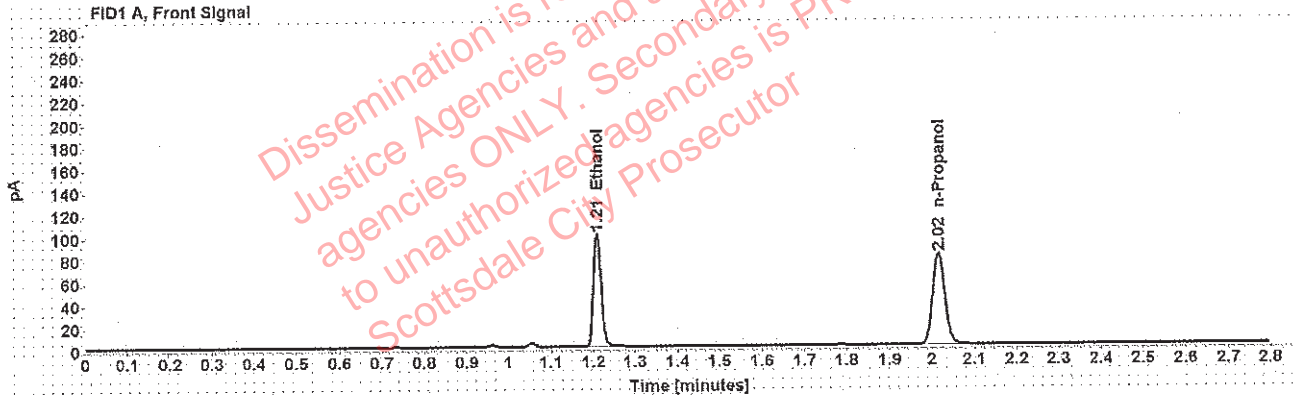


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1977	1.209	128.151
n-Propanol	-----	2.015	161.823

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	4.422
Ethanol	1.375	157.743
n-Propanol	2.470	192.699

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:51:58 PM
Data file:	C:\Chem32\1\Data\25Jun19\25.D	Analyst:	Adrian

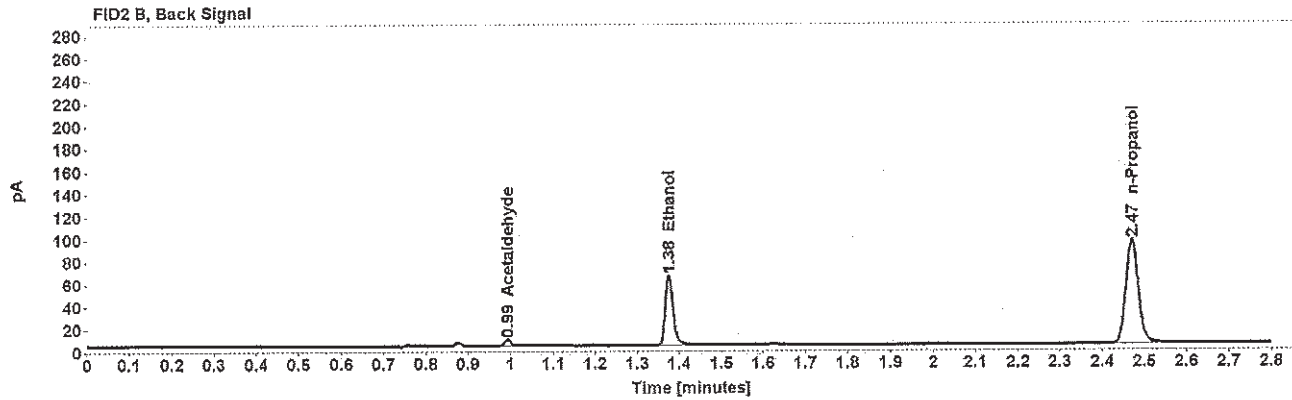
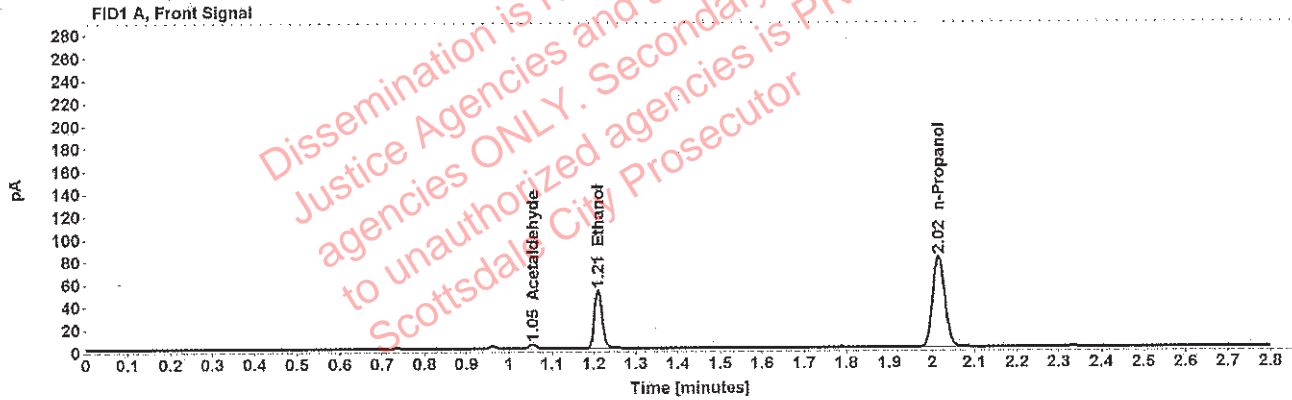


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.943
>Ethanol	0.1035	1.210	66.563
n-Propanol	-----	2.015	161.698

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.111
Ethanol	1.375	80.337
n-Propanol	2.470	191.940

: Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:55:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\26.D	Analyst:	Adrian

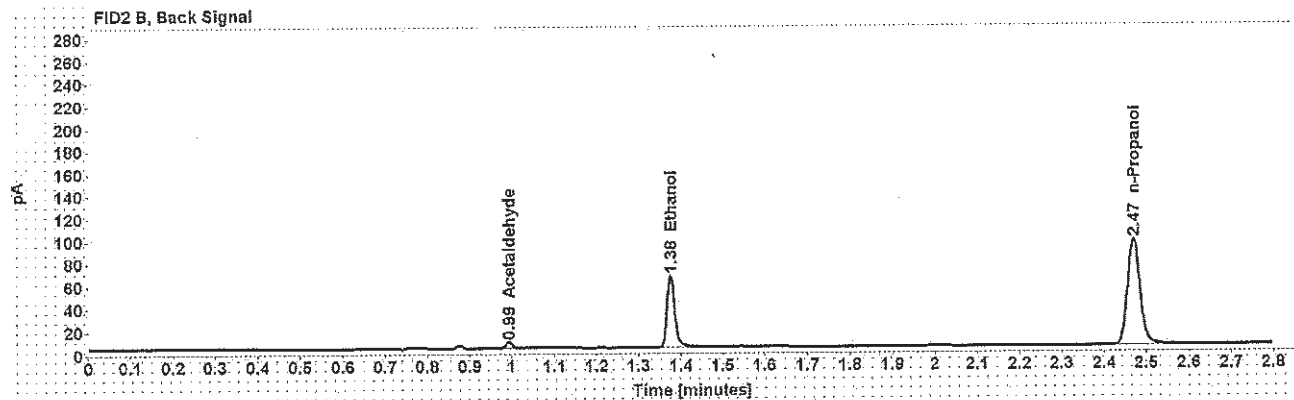
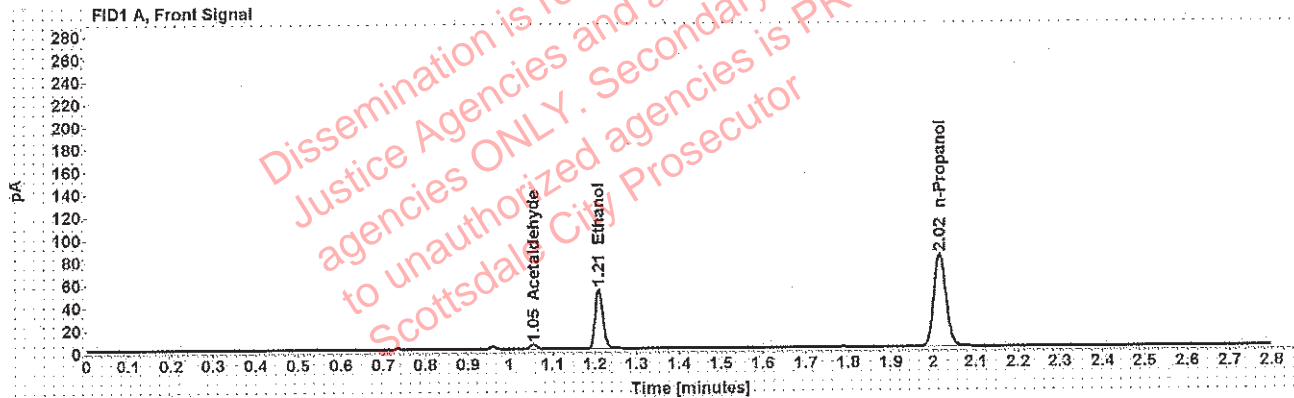


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	3.983
>Ethanol	0.1040	1.210	67.570
n-Propanol	-----	2.015	163.447

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.195
Ethanol	1.376	81.482
n-Propanol	2.470	194.109

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 4:59:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\27.D	Analyst:	Adrian

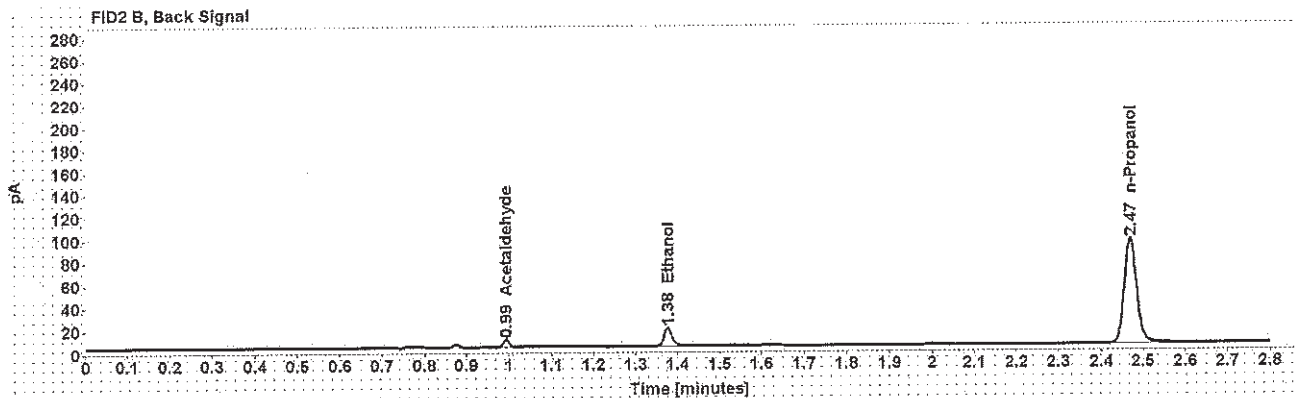
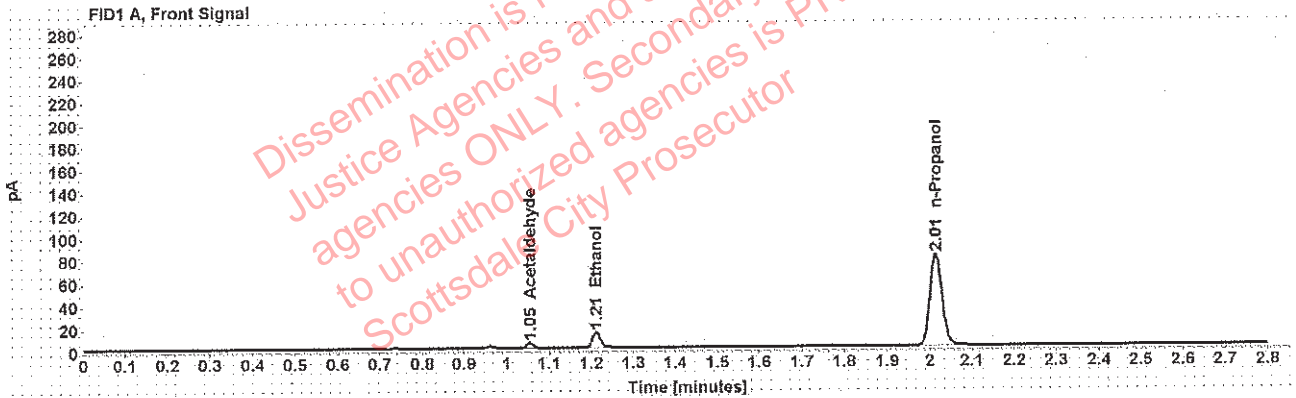


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.744
>Ethanol	0.0287	1.211	17.664
n-Propanol	-----	2.015	161.935

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.133
Ethanol	1.376	21.821
n-Propanol	2.469	192.600

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	28
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:03:56 PM
Data file:	C:\Chem32\1\Data\25Jun19\28.D	Analyst:	Adrian

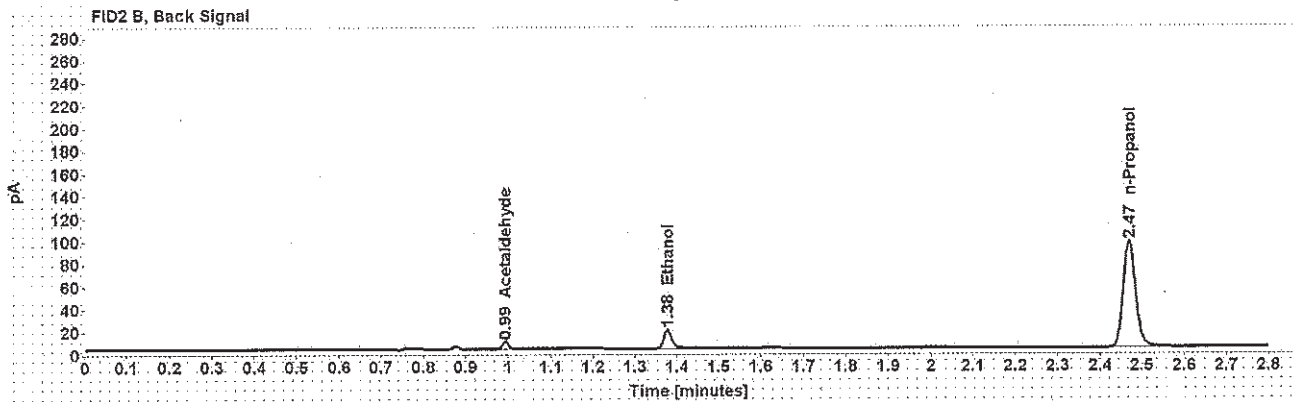
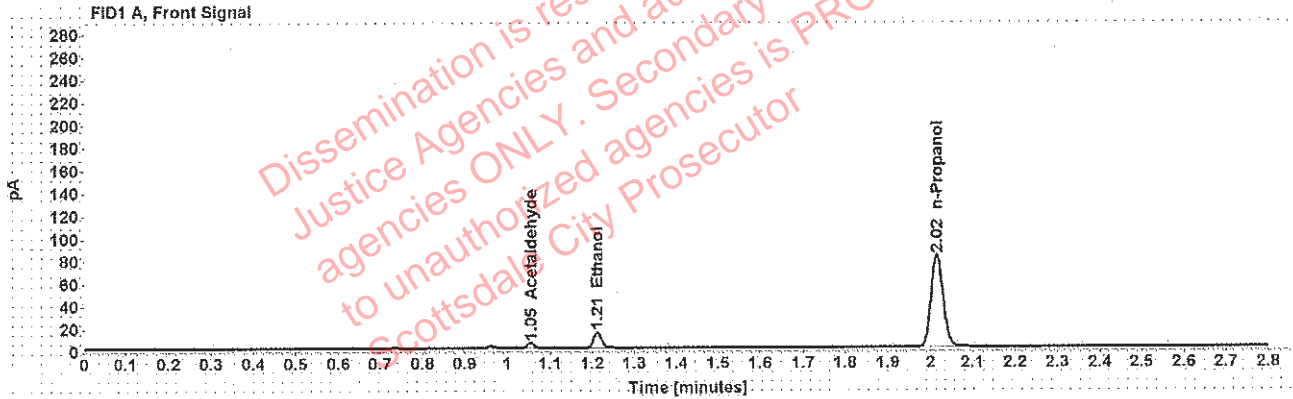


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.779
>Ethanol	0.0289	1.211	18.064
n-Propanol	-----	2.015	164.267

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.224
Ethanol	1.377	22.254
n-Propanol	2.470	195.268

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol.quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:07:56 PM
Data file:	C:\Chem32\1\Data\25Jun19\29.D	Analyst:	Adrian

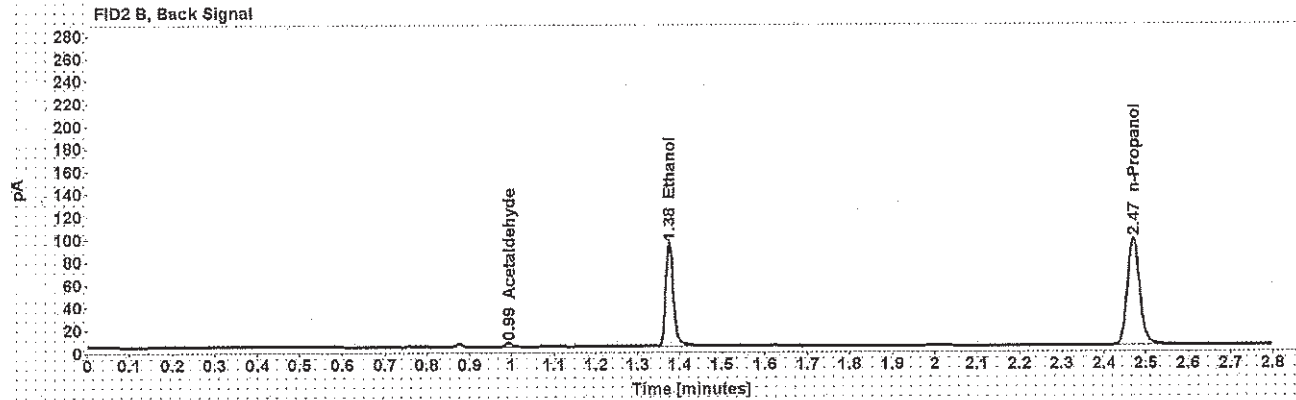
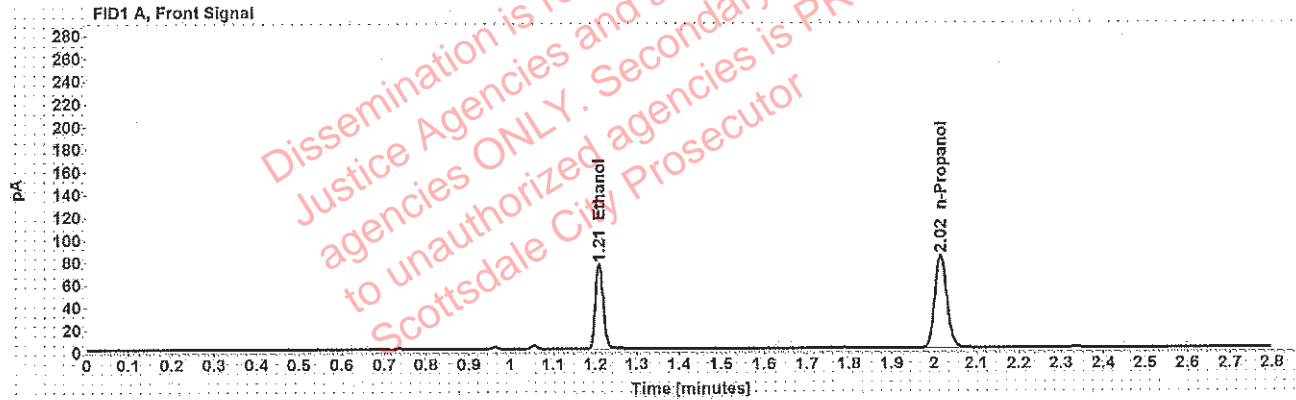


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1475	1.209	96.915
n-Propanol	-----	2.015	164.515

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.751
Ethanol	1.375	119.455
n-Propanol	2.470	195.872

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:11:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\30.D	Analyst:	Adrian

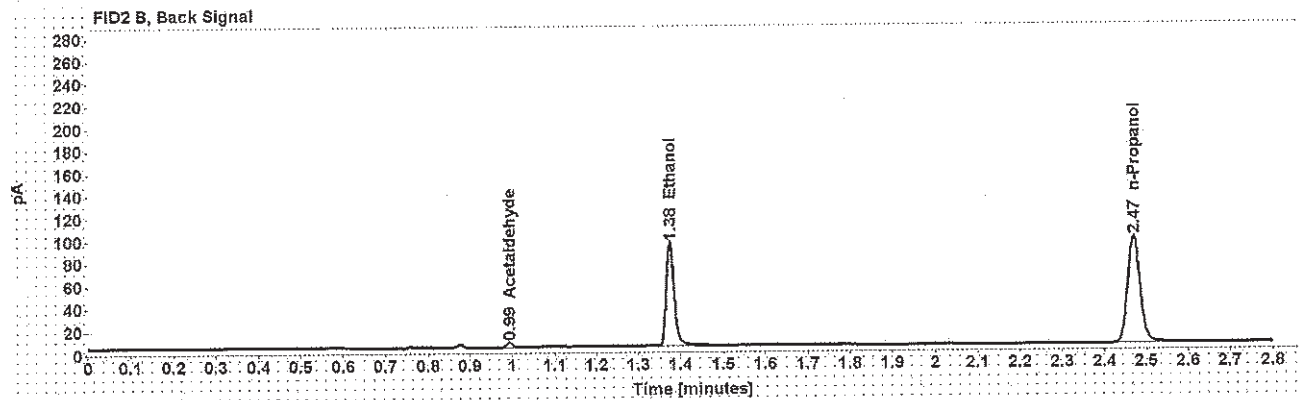
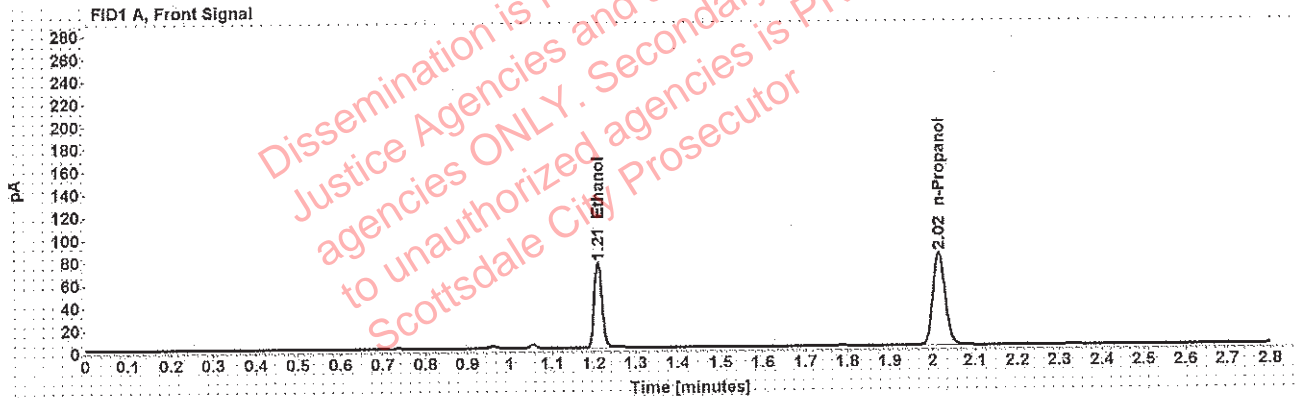


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1477	1.209	97.092
n-Propanol	-----	2.015	164.532

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	3.828
Ethanol	1.375	119.279
n-Propanol	2.470	195.450

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:20:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\32.D	Analyst:	Adrian

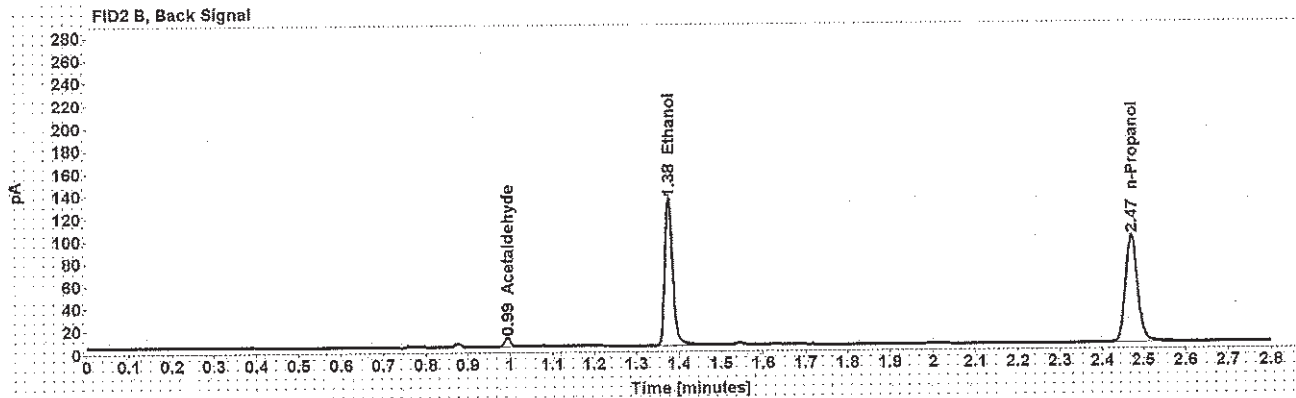
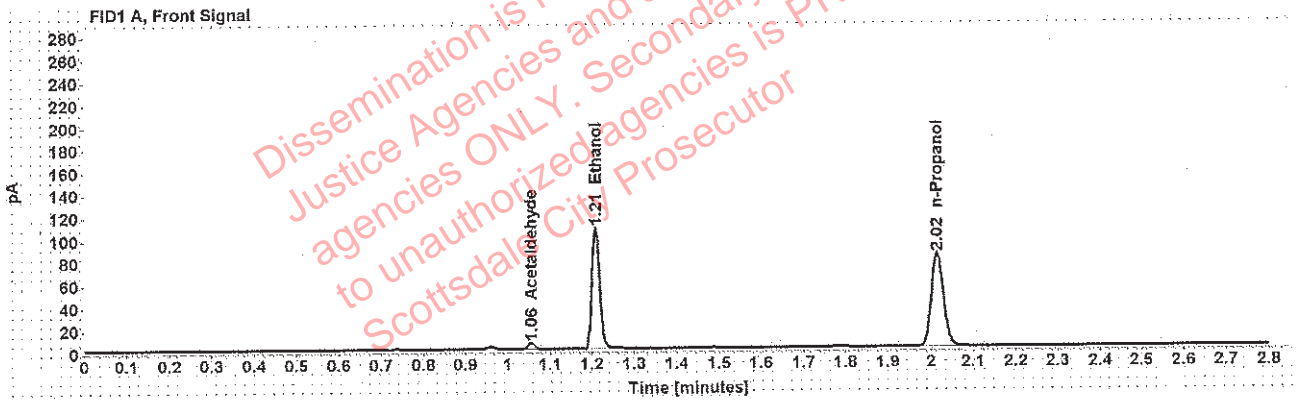


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.594
>Ethanol	0.2078	1.209	137.612
n-Propanol	-----	2.015	165.209

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	7.269
Ethanol	1.375	169.357
n-Propanol	2.470	196.939

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	33
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:24:12 PM
Data file:	C:\Chem32\1\Data\25Jun19\33.D	Analyst:	Adrian

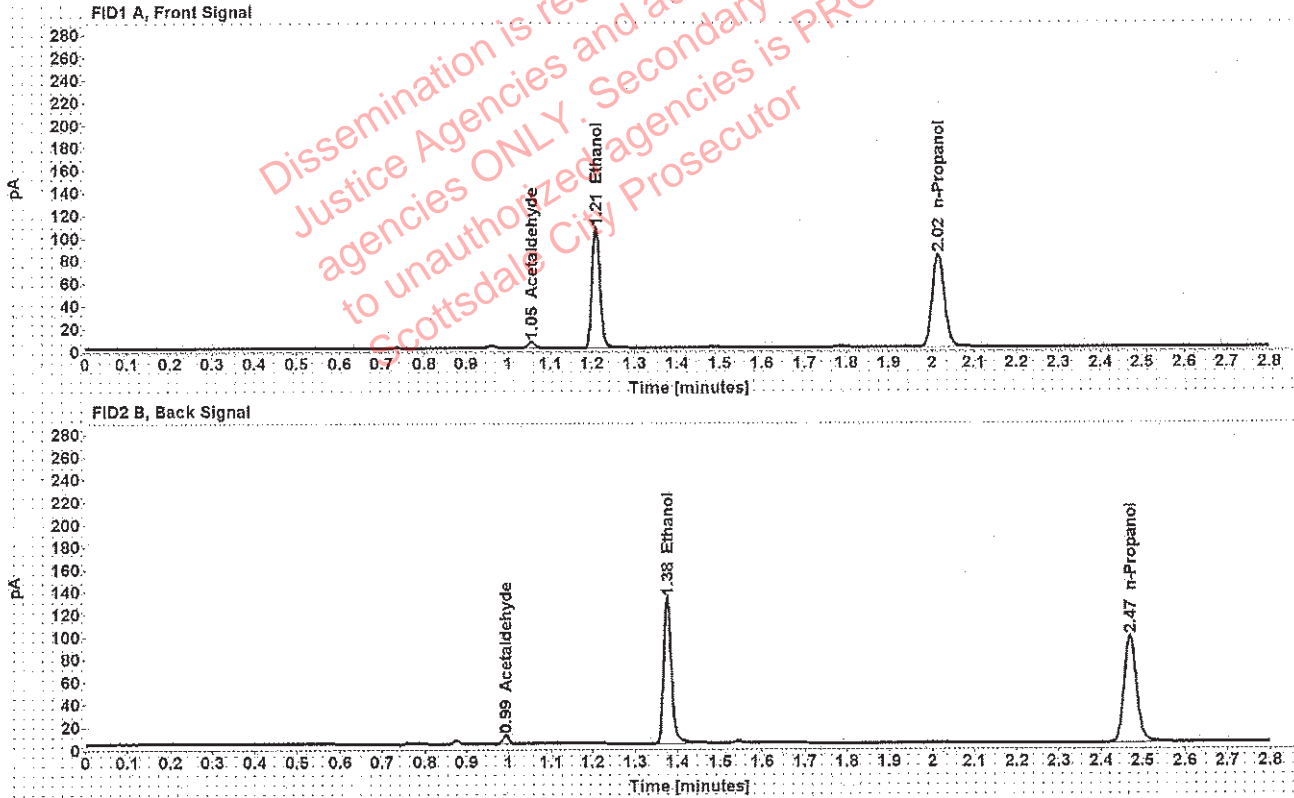


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.558
>Ethanol	0.2075	1.209	136.408
n-Propanol	-----	2.015	163.994

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	7.204
Ethanol	1.375	167.903
n-Propanol	2.470	195.940

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:28:12 PM
Data file:	C:\Chem32\1\Data\25Jun19\34.D	Analyst:	Adrian

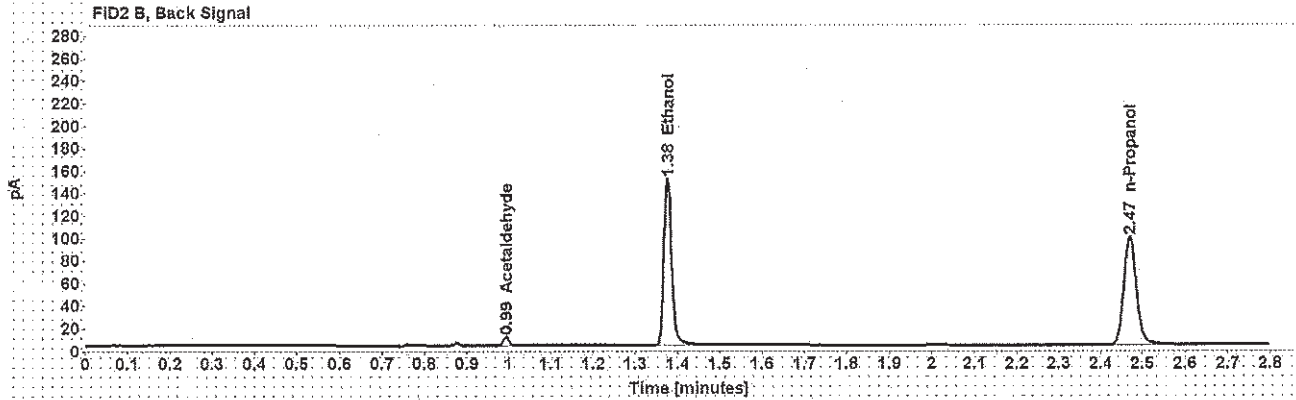
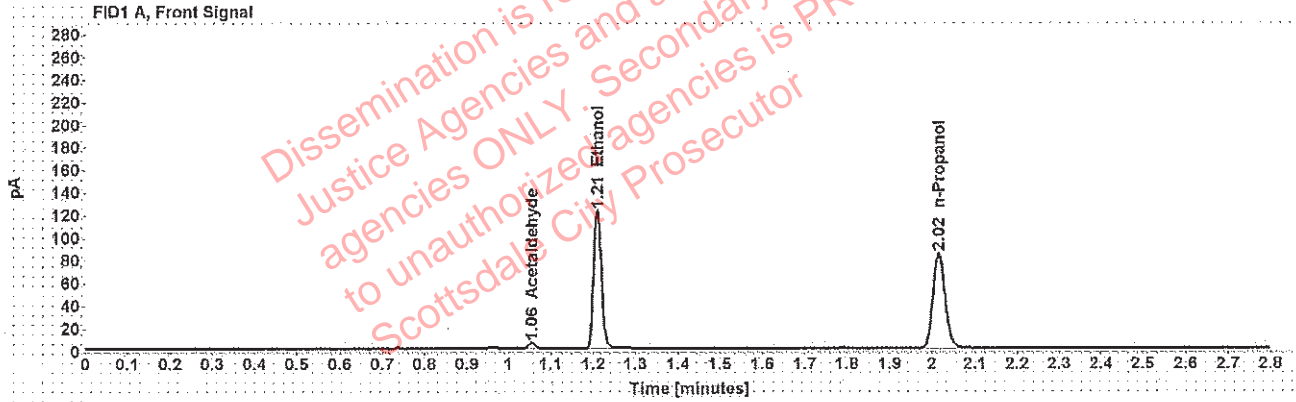


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.383
>Ethanol	0.2329	1.209	155.876
n-Propanol	-----	2.016	166.822

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	6.998
Ethanol	1.376	189.883
n-Propanol	2.470	197.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:32:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\35.D	Analyst:	Adrian

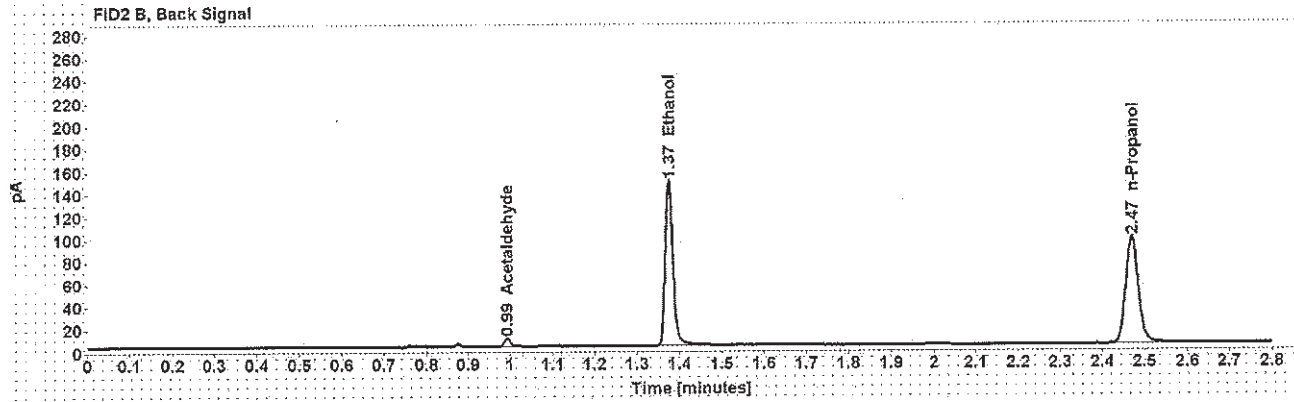
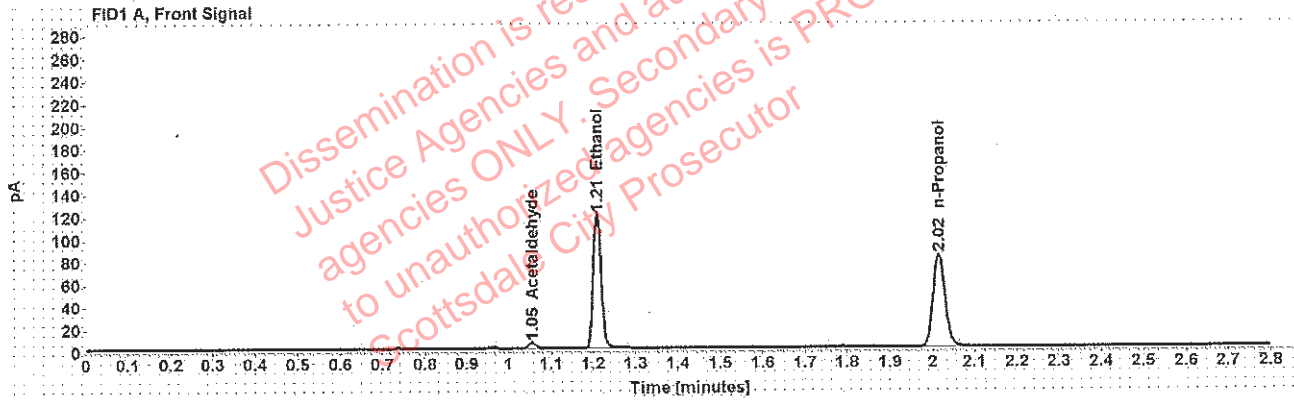


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.361
>Ethanol	0.2323	1.209	153.443
n-Propanol	-----	2.015	164.668

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.915
Ethanol	1.375	187.233
n-Propanol	2.470	196.059

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:36:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\36.D	Analyst:	Adrian

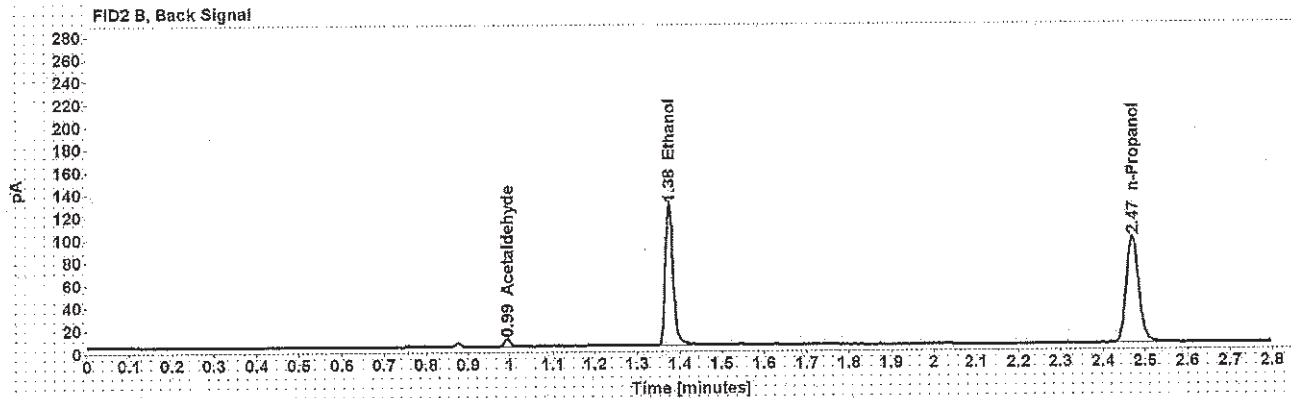
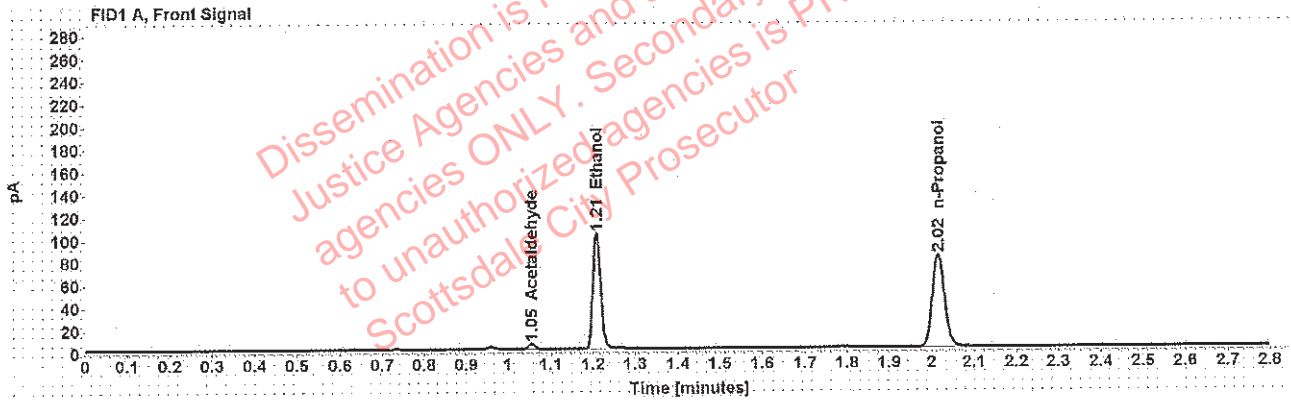


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.777
>Ethanol	0.2007	1.209	131.653
n-Propanol	-----	2.015	163.698

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.197
Ethanol	1.375	161.809
n-Propanol	2.470	195.159

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:40:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\37.D	Analyst:	Adrian

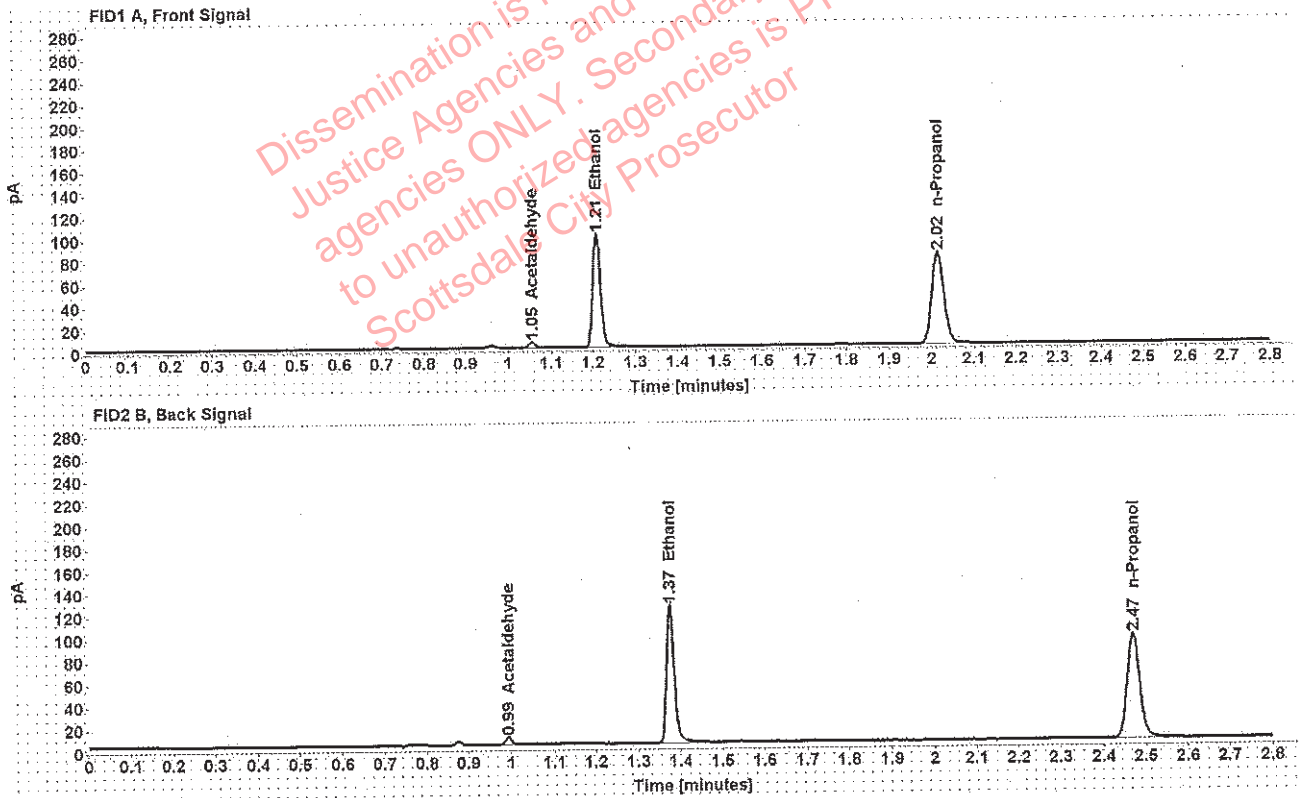


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.662
>Ethanol	0.1996	1.209	128.659
n-Propanol	-----	2.015	160.910

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.037
Ethanol	1.375	158.458
n-Propanol	2.469	191.755

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:44:28 PM
Data file:	C:\Chem32\1\Data\25Jun19\38.D	Analyst:	Adrian

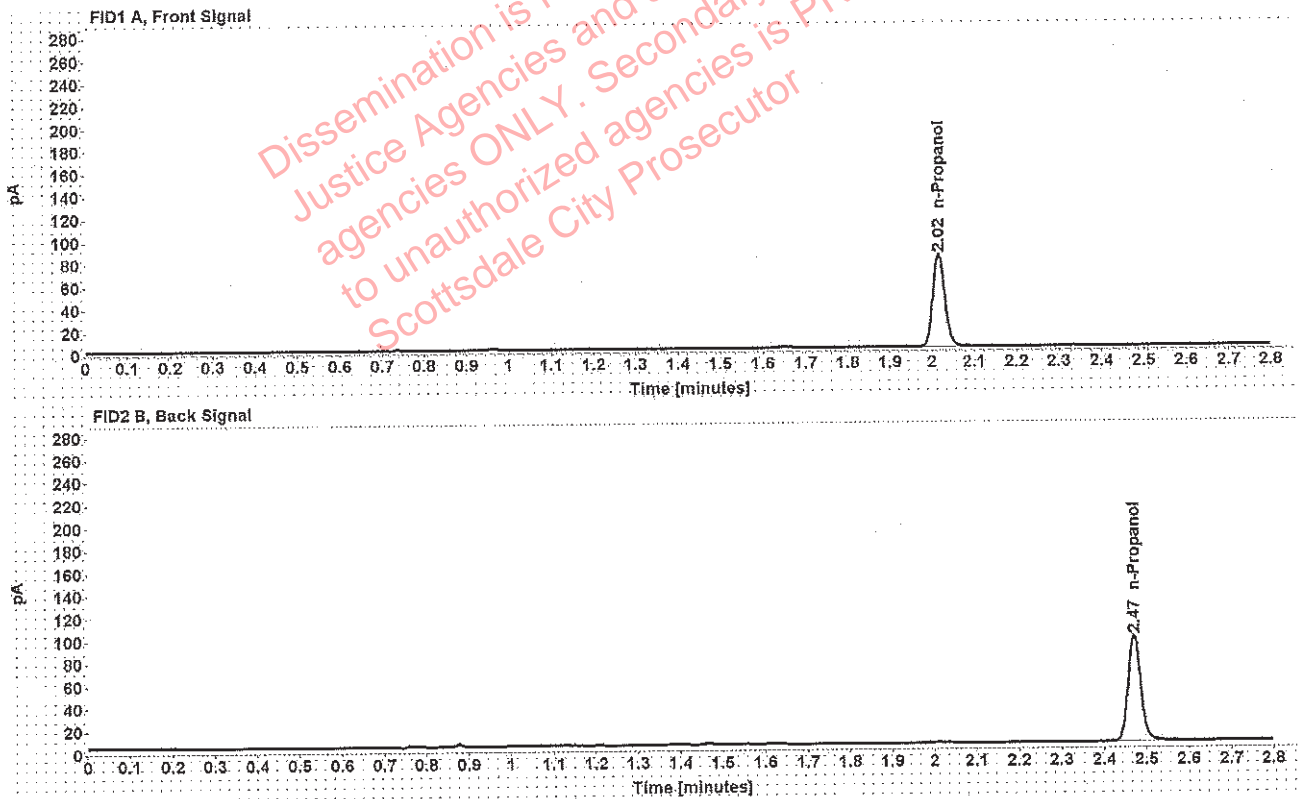


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	163.432

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	195.278

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:48:26 PM
Data file:	C:\Chem32\1\Data\25Jun19\39.D	Analyst:	Adrian

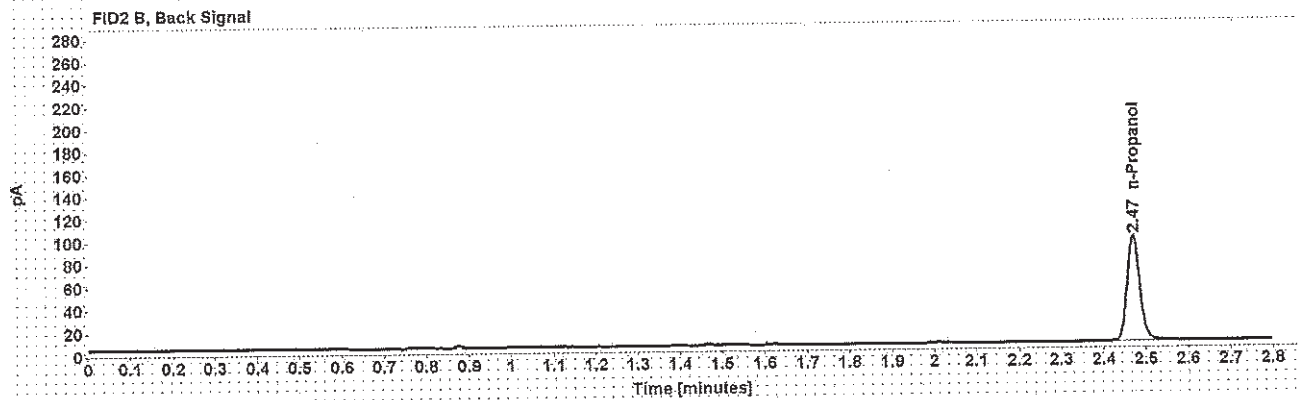
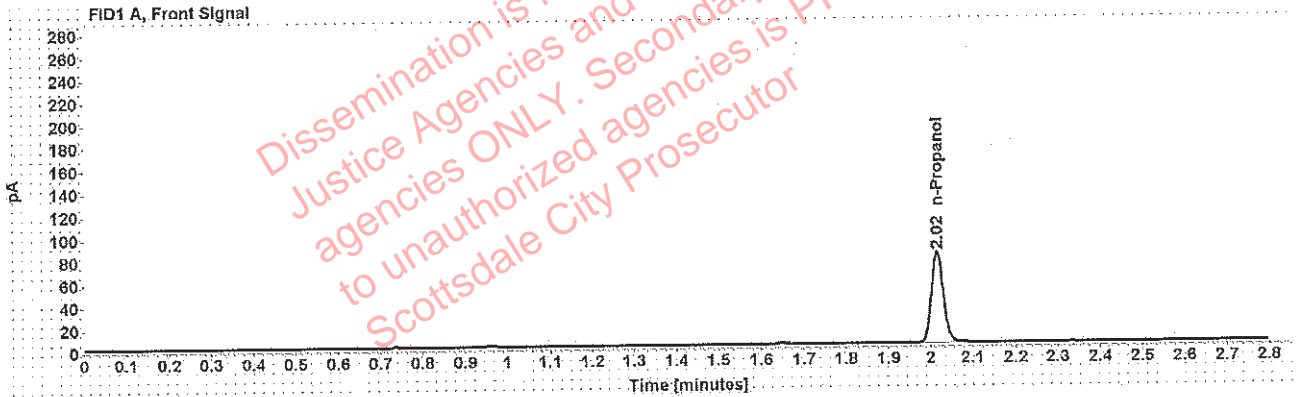


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	161.444

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

Compound	Time (min)	Peak Area
n-Propanol	2.470	192.979

Adrian, William - (26-Jun-2019)

Case: [redacted] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[redacted]	Vial:	40
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:52:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\40.D	Analyst:	Adrian

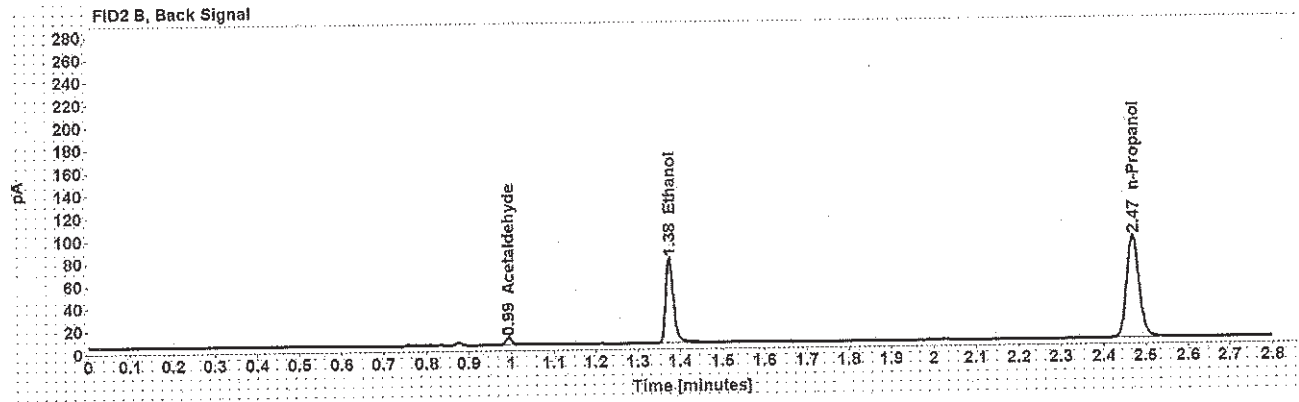
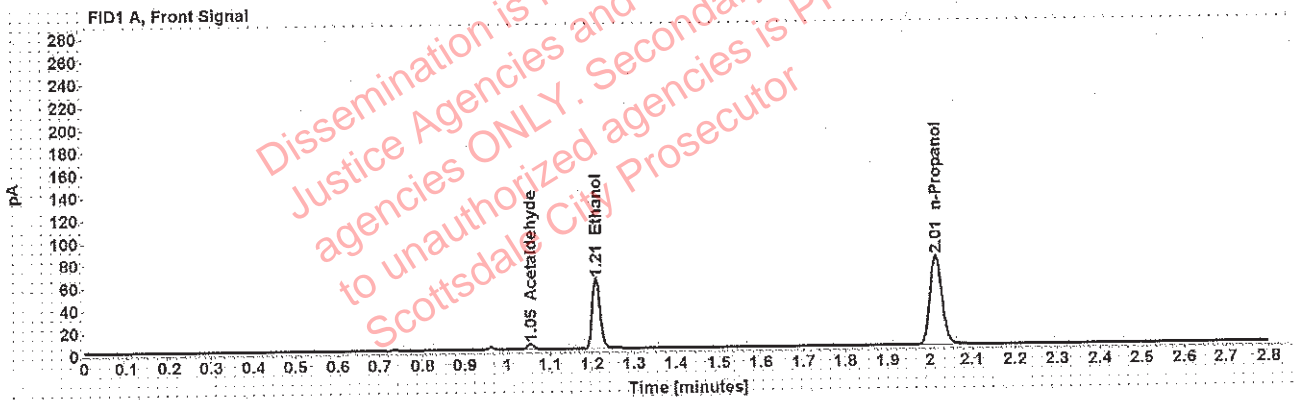


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.692
>Ethanol	0.1264	1.209	79.828
n-Propanol	-----	2.015	158.342

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.080
Ethanol	1.375	96.618
n-Propanol	2.469	188.724

Adrian, William - (26-Jun-2019)

Case User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 5:56:27 PM
Data file:	C:\Chem32\1\Data\25Jun19\41.D	Analyst:	Adrian

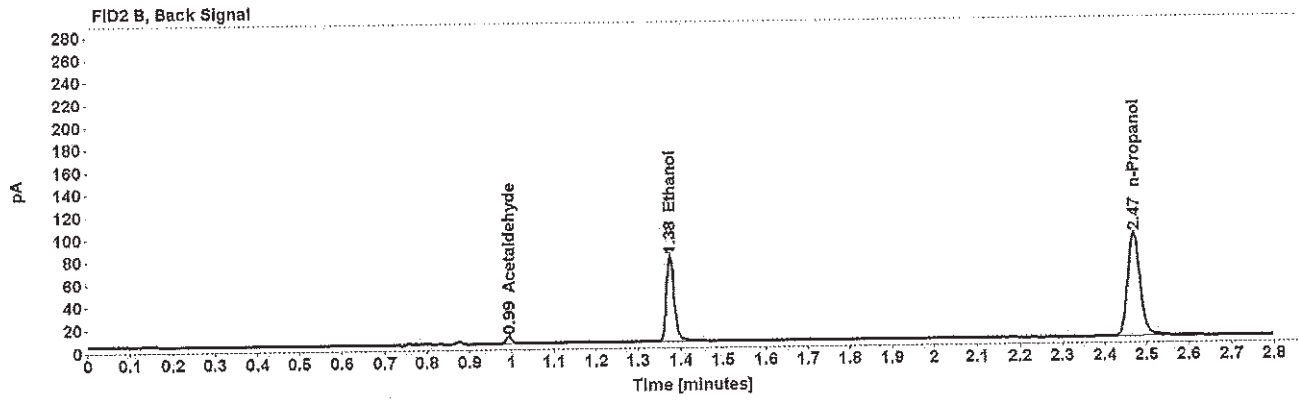
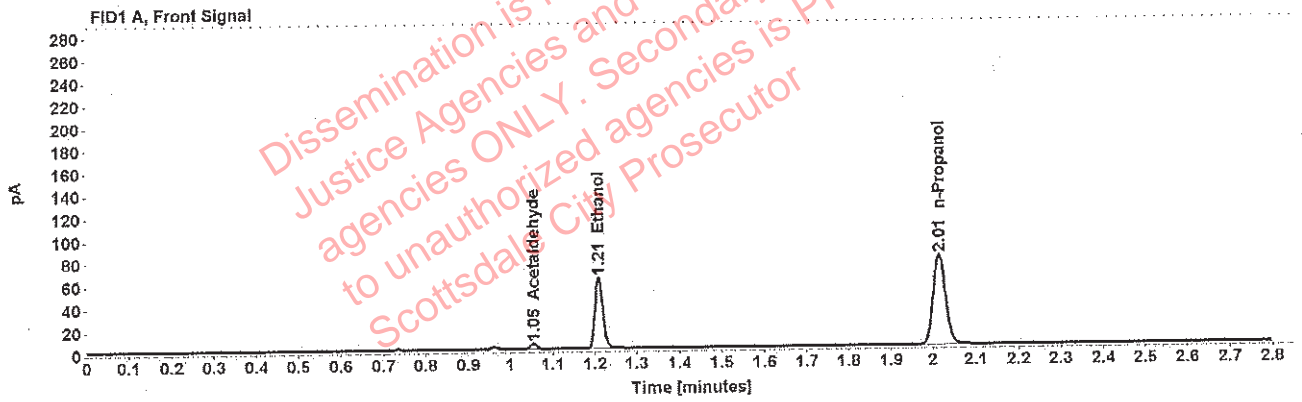


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.737
>Ethanol	0.1266	1.209	80.132
n-Propanol	-----	2.015	158.687

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.134
Ethanol	1.375	97.446
n-Propanol	2.469	190.955

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:04:42 PM
Data file:	C:\Chem32\11\Data\25Jun19\43.D	Analyst:	Adrian

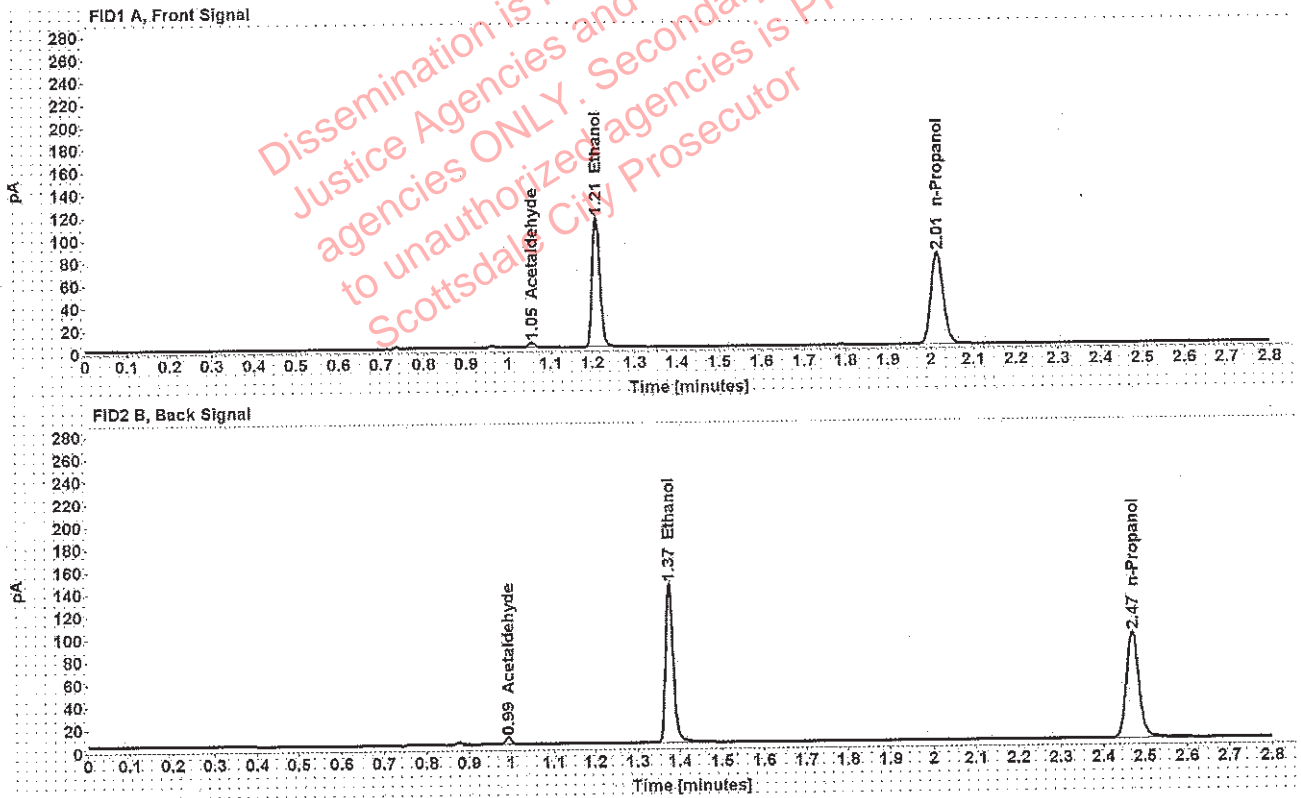


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.745
>Ethanol	0.2261	1.209	147.161
n-Propanol	-----	2.015	162.325

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.151
Ethanol	1.375	180.985
n-Propanol	2.470	195.198

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:08:42 PM
Data file:	C:\Chem32\1\Data\25Jun19\44.D	Analyst:	Adrian

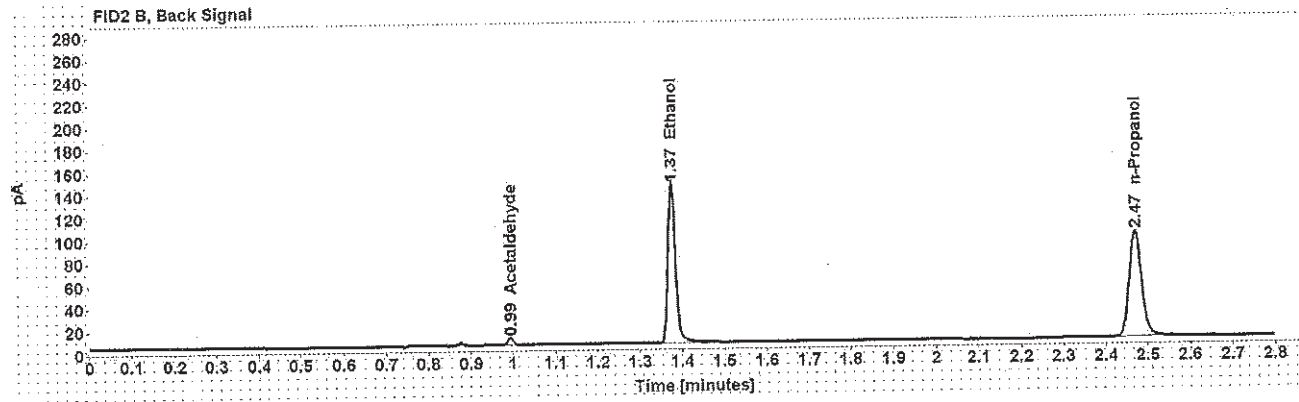
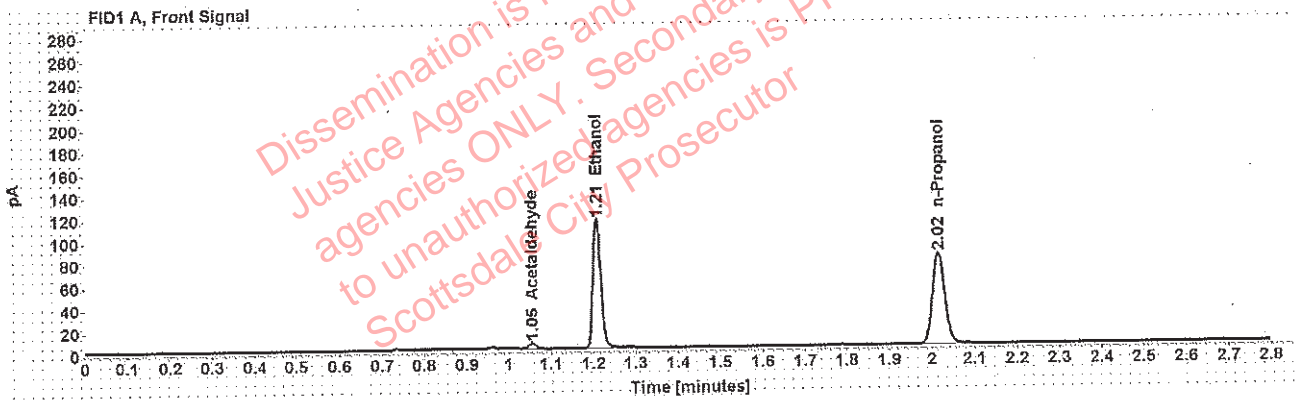


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.801
>Ethanol	0.2252	1.209	146.971
n-Propanol	-----	2.015	162.724

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.225
Ethanol	1.375	180.944
n-Propanol	2.470	197.209

Case: [REDACTED] : Adrian, William - (26-Jun-2019)

User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:12:41 PM
Data file:	C:\Chem32\1\Data\25Jun19\45.D	Analyst:	Adrian

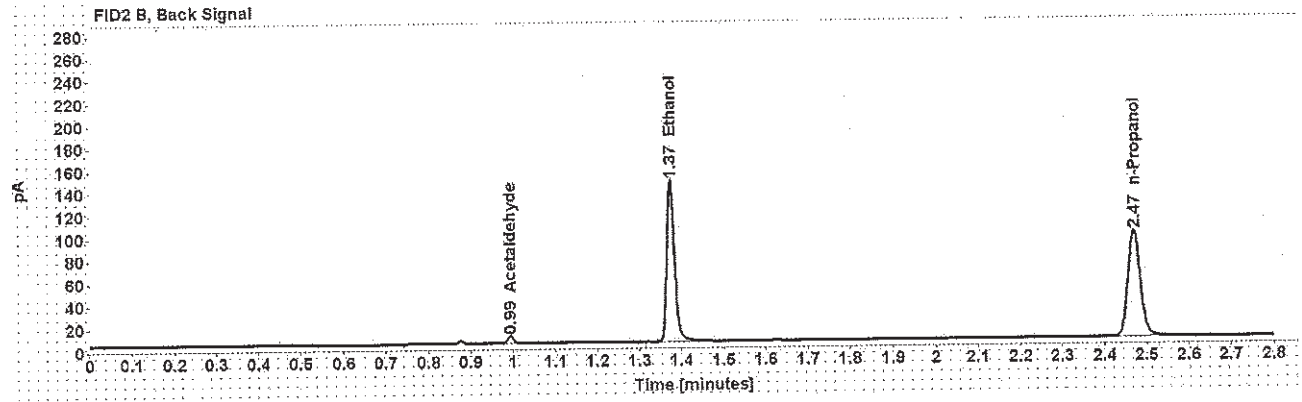
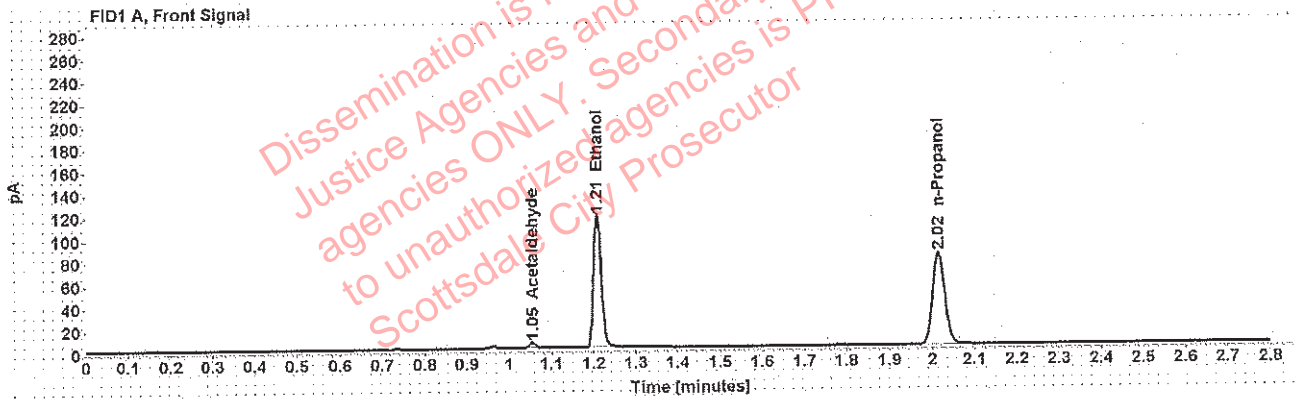


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.682
>Ethanol	0.2290	1.209	149.110
n-Propanol	-----	2.015	162.318

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.066
Ethanol	1.375	182.794
n-Propanol	2.470	193.979

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:16:42 PM
Data file:	C:\Chem32\1\Data\25Jun19\46.D	Analyst:	Adrian

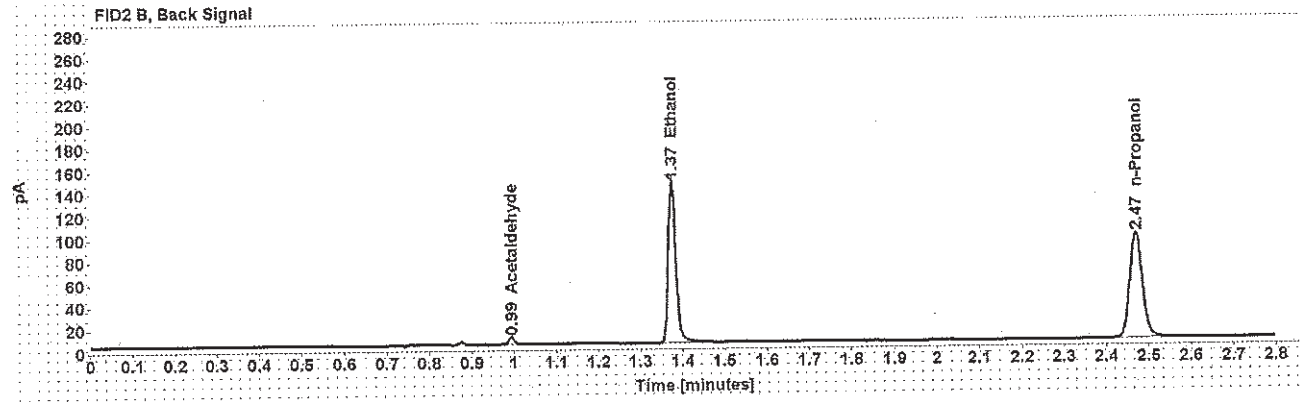
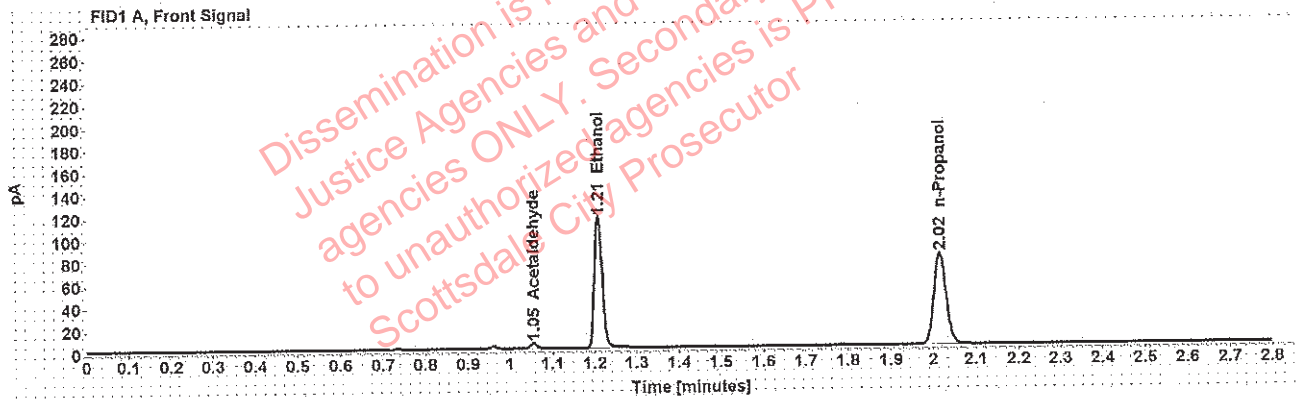


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.672
>Ethanol	0.2293	1.209	149.038
n-Propanol	-----	2.015	162.044

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.032
Ethanol	1.375	182.480
n-Propanol	2.470	192.980

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:20:41 PM
Data file:	C:\Chem32\1\Data\25Jun19\47.D	Analyst:	Adrian

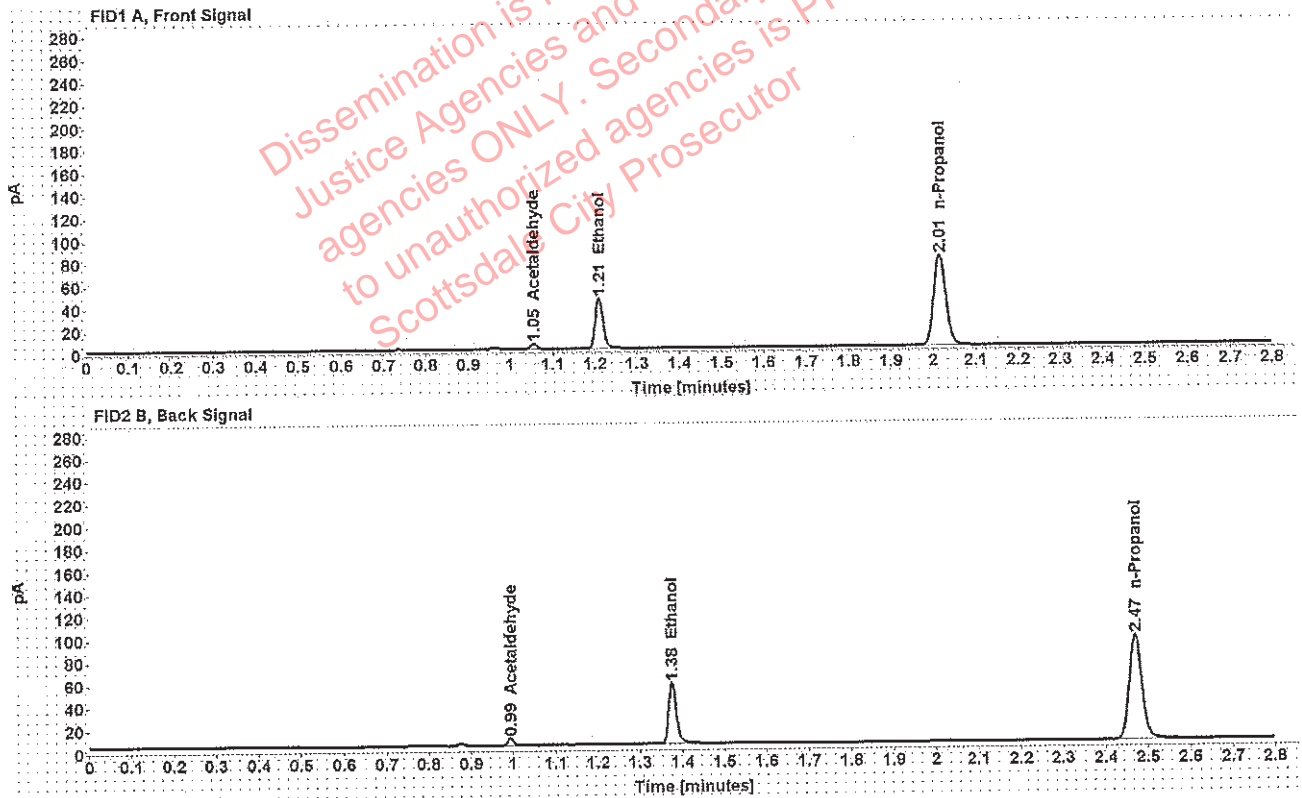


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.561
>Ethanol	0.0904	1.210	57.705
n-Propanol	-----	2.015	160.927

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.901
Ethanol	1.375	69.794
n-Propanol	2.469	192.657

Case: [REDACTED] : Adrian, William - (26-Jun-2019)

User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:24:42 PM
Data file:	C:\Chem32\1\Data\25Jun19\48.D	Analyst:	Adrian

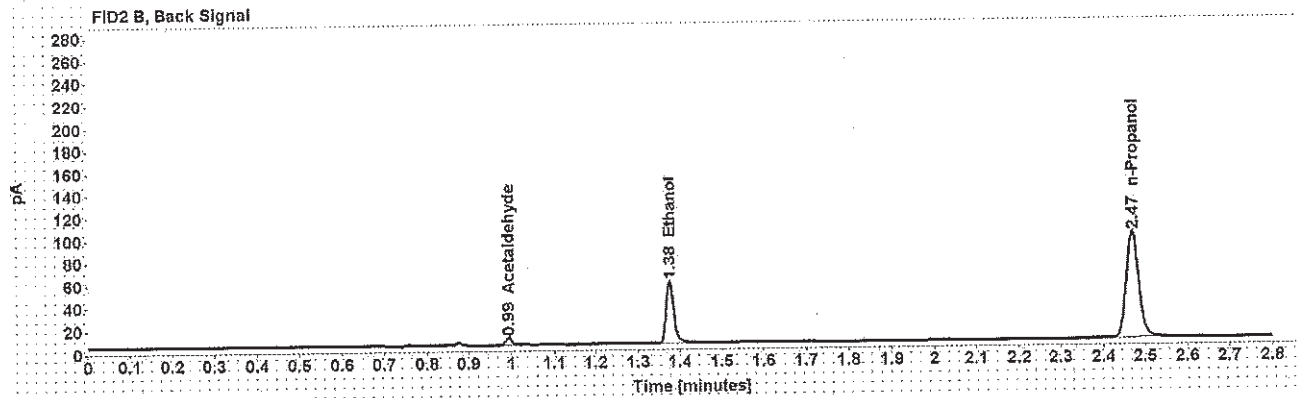
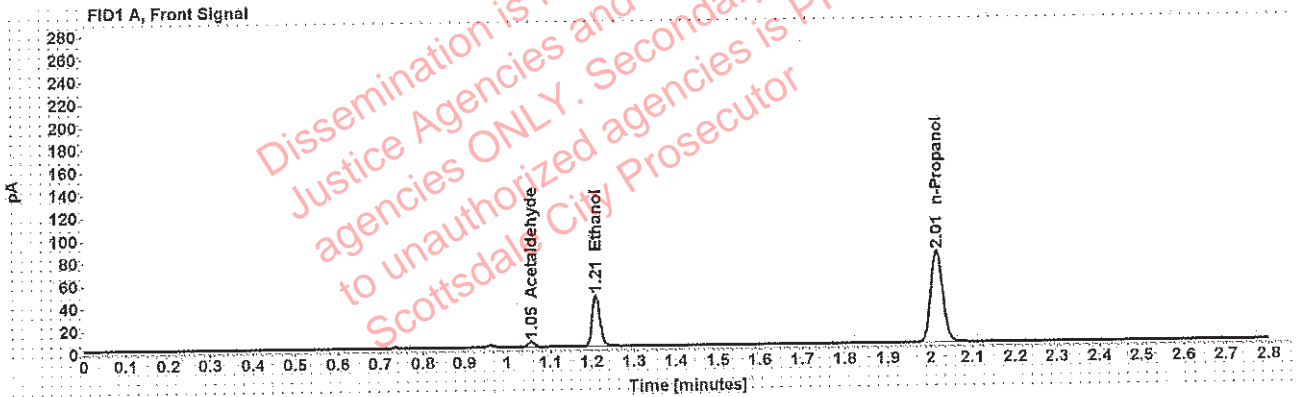


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.684
>Ethanol	0.0902	1.210	58.166
n-Propanol	-----	2.015	162.536

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.084
Ethanol	1.375	70.367
n-Propanol	2.469	195.806

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:28:57 PM
Data file:	C:\Chem32\11\Data\25Jun19\49.D	Analyst:	Adrian

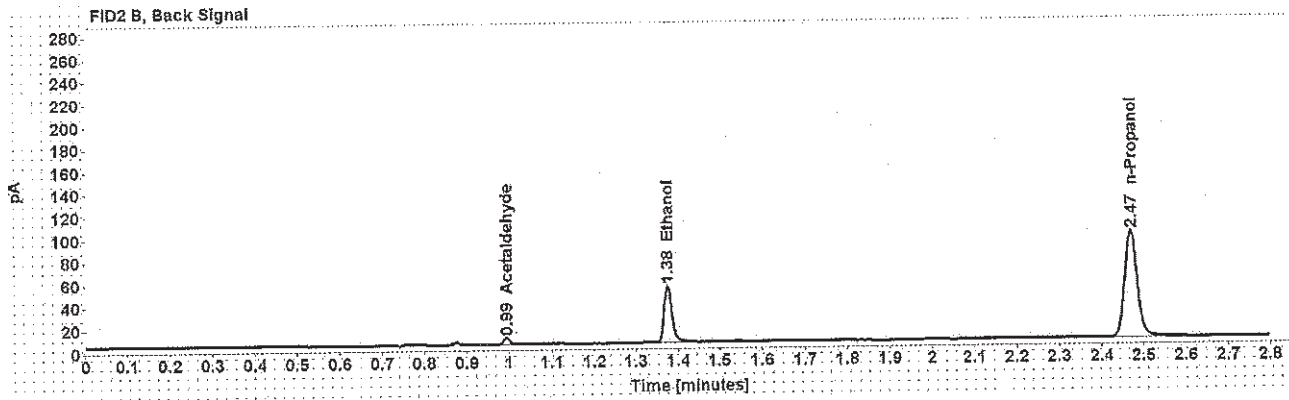
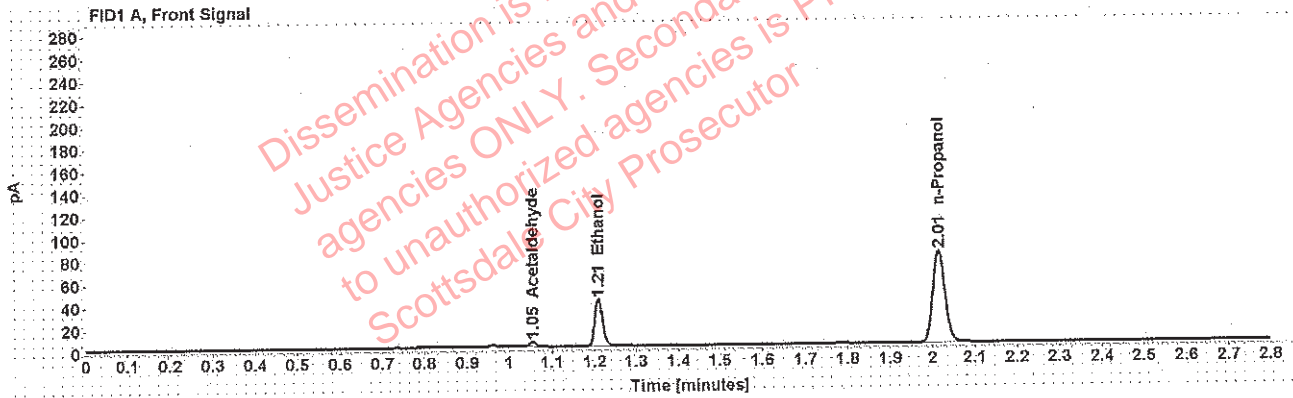


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.215
>Ethanol	0.0833	1.210	53.589
n-Propanol	-----	2.015	162.510

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.487
Ethanol	1.375	65.031
n-Propanol	2.469	196.231

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:32:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\50.D	Analyst:	Adrian

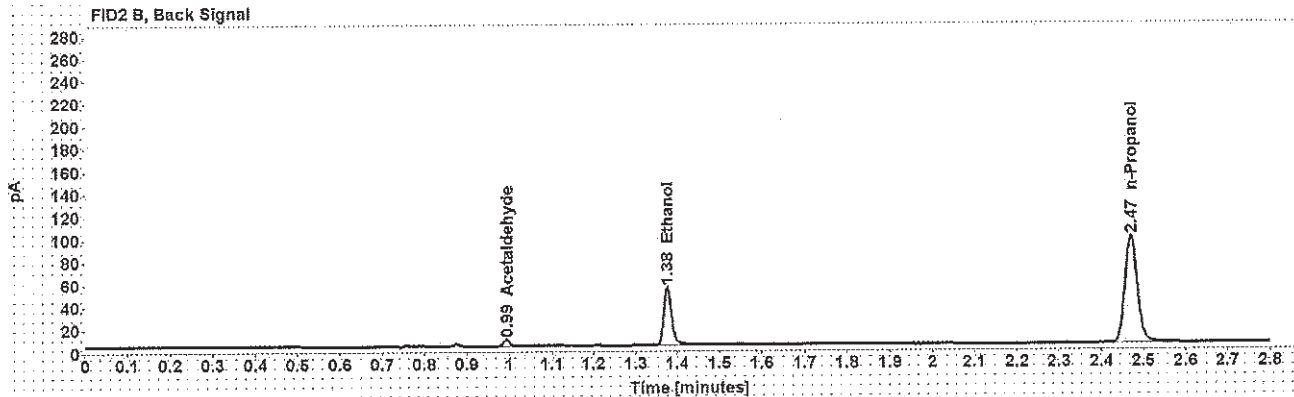
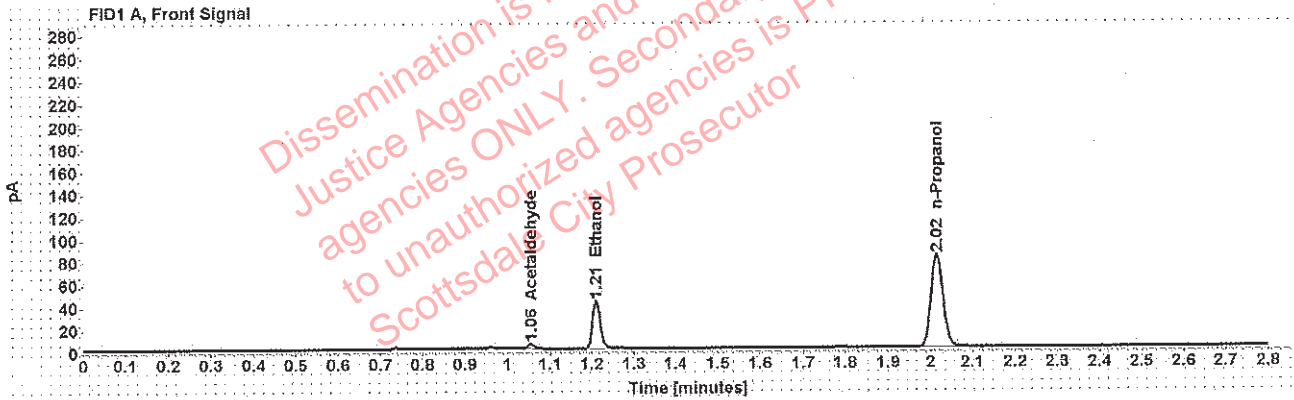


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.244
>Ethanol	0.0833	1.210	54.218
n-Propanol	-----	2.015	164.275

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.994	5.515
Ethanol	1.376	65.967
n-Propanol	2.470	197.476

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	51
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:36:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\51.D	Analyst:	Adrian

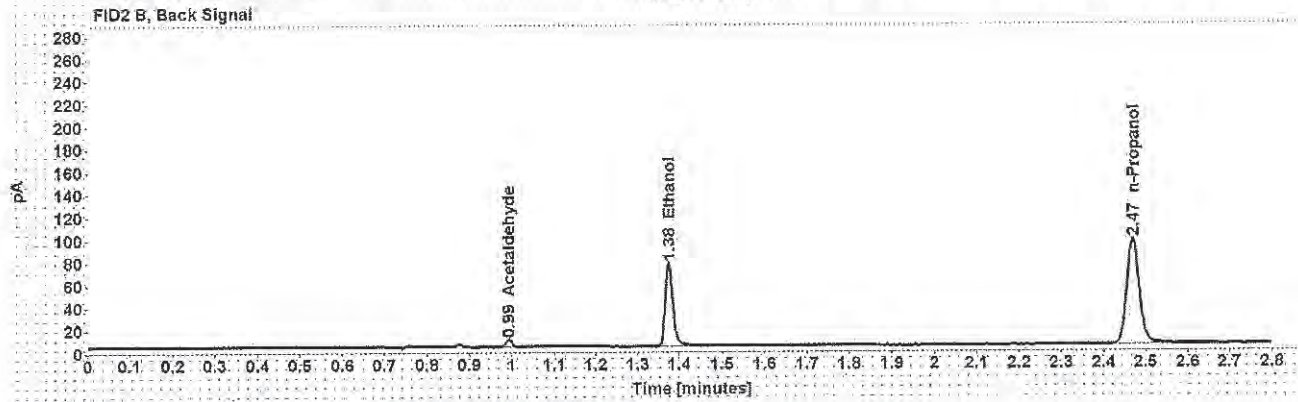
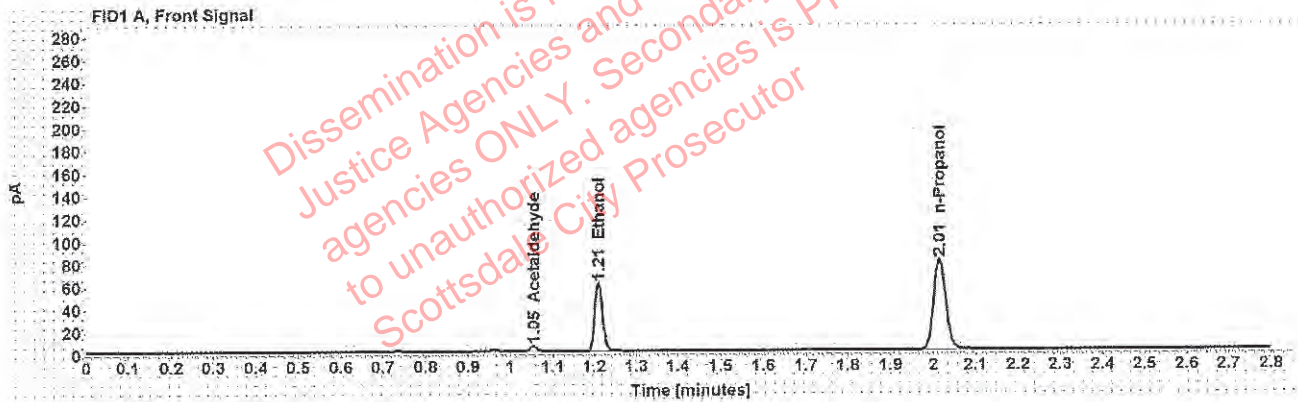


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.732
>Ethanol	0.1216	1.209	77.878
n-Propanol	-----	2.015	160.718

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.151
Ethanol	1.375	94.371
n-Propanol	2.469	193.631

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:40:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\52.D	Analyst:	Adrian

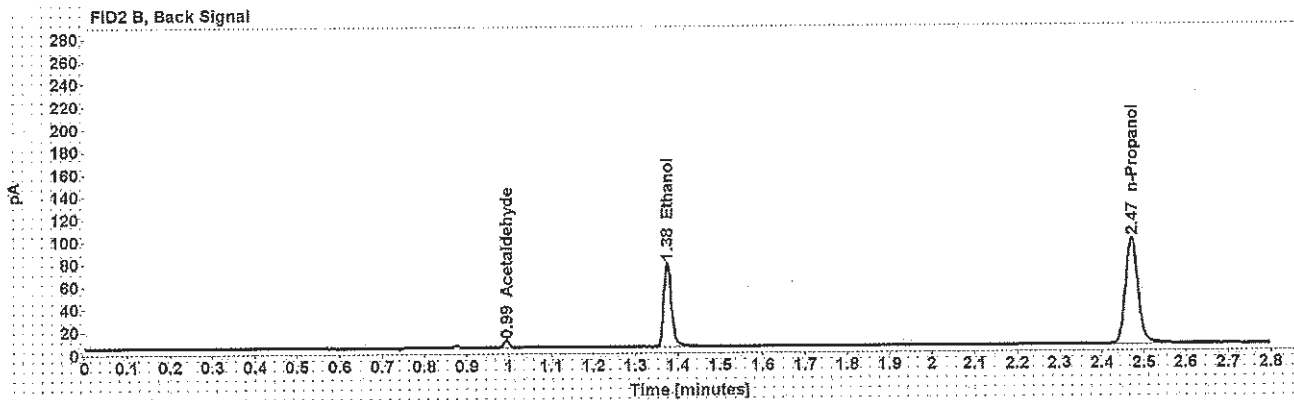
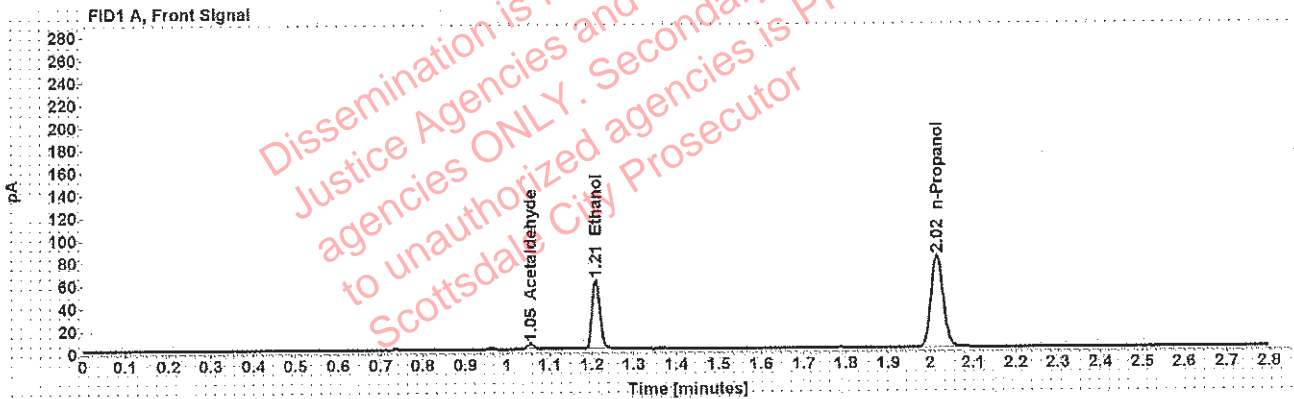


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.555
>Ethanol	0.1213	1.210	78.419
n-Propanol	-----	2.015	162.205

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.197
Ethanol	1.375	95.462
n-Propanol	2.470	197.243

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	54
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:48:57 PM
Data file:	C:\Chem32\1\Data\25Jun19\54.D	Analyst:	Adrian

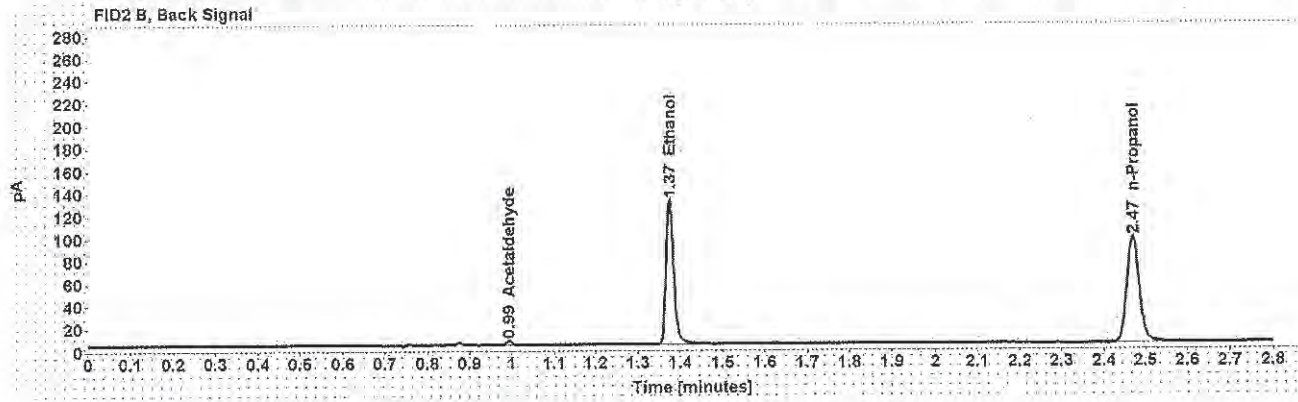
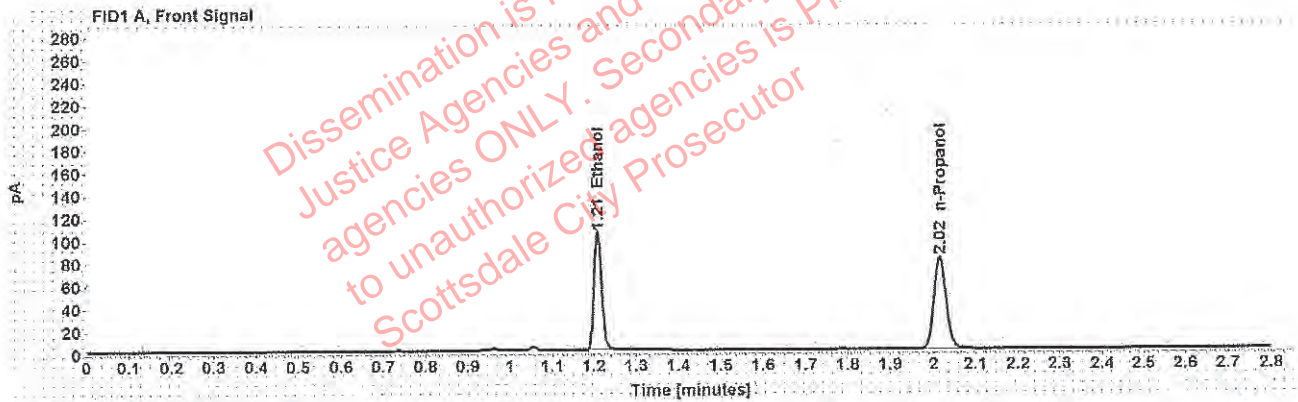


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2053	1.209	133.694
n-Propanol	-----	2.015	162.540

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.876
Ethanol	1.375	163.727
n-Propanol	2.470	195.148

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	55
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:53:11 PM
Data file:	C:\Chem32\1\Data\25Jun19\55.D	Analyst:	Adrian

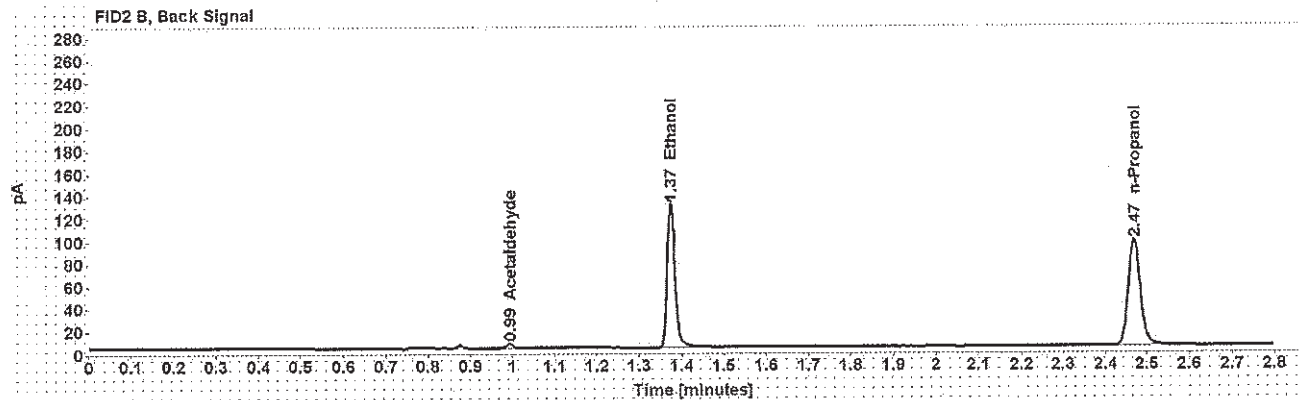
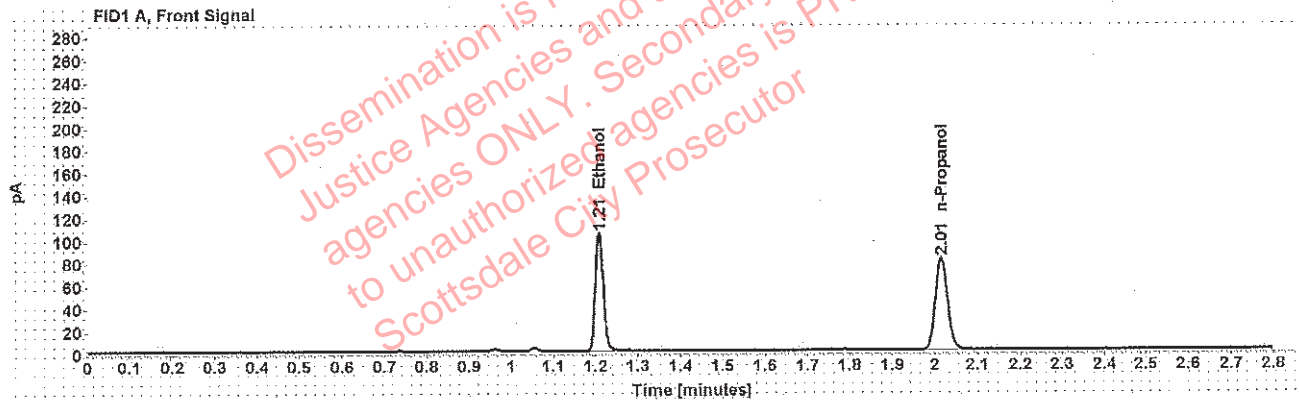


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.209	133.960
n-Propanol	-----	2.015	162.585

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	3.779
Ethanol	1.375	163.721
n-Propanol	2.469	195.709

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:		Vial:	56
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 6:57:14 PM
Data file:	C:\Chem32\1\Data\25Jun19\56.D	Analyst:	Adrian

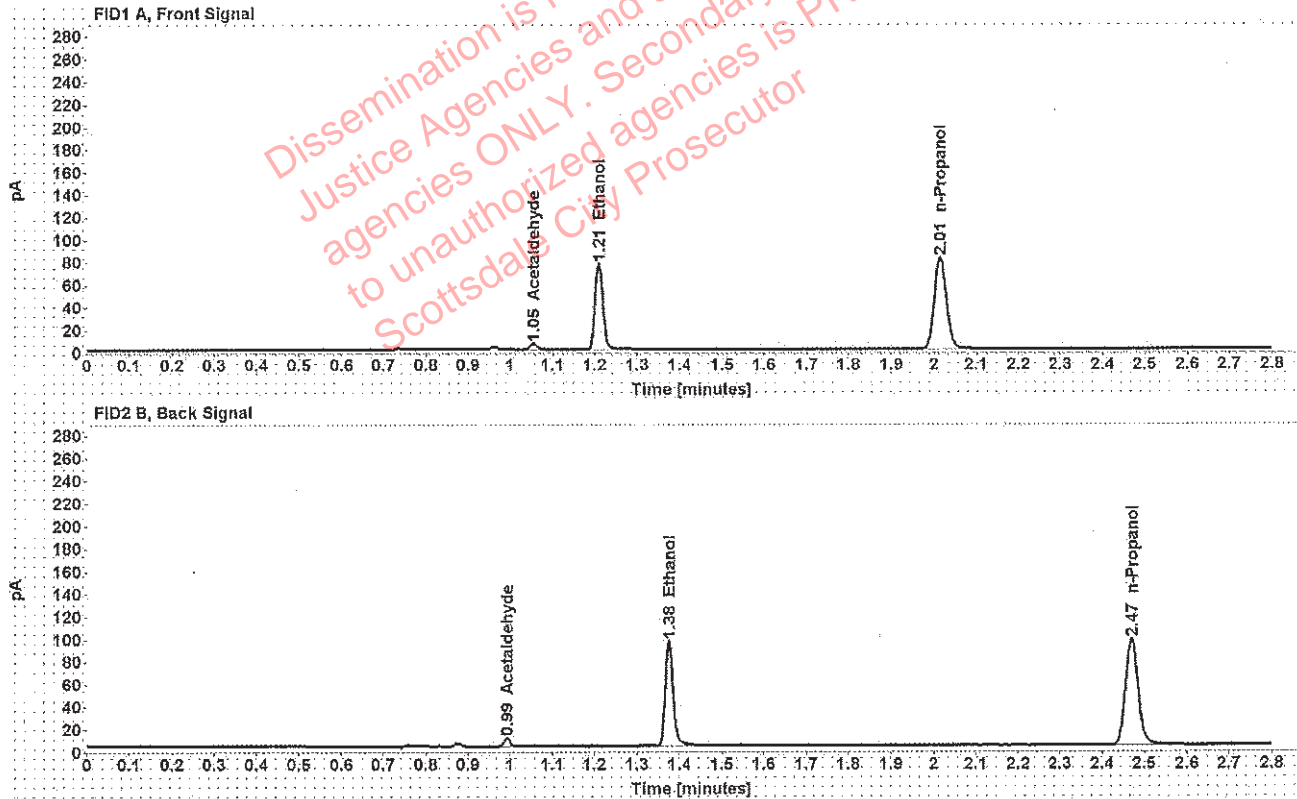


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.353
>Ethanol	0.1505	1.209	97.976
n-Propanol	-----	2.015	162.881

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.922
Ethanol	1.375	120.400
n-Propanol	2.469	195.402

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	[REDACTED]	Vial:	57
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Jun19
Instrument:	US14173023 CN14160045	Injection date:	6/25/2019 7:01:13 PM
Data file:	C:\Chem32\1\Data\25Jun19\57.D	Analyst:	Adrian

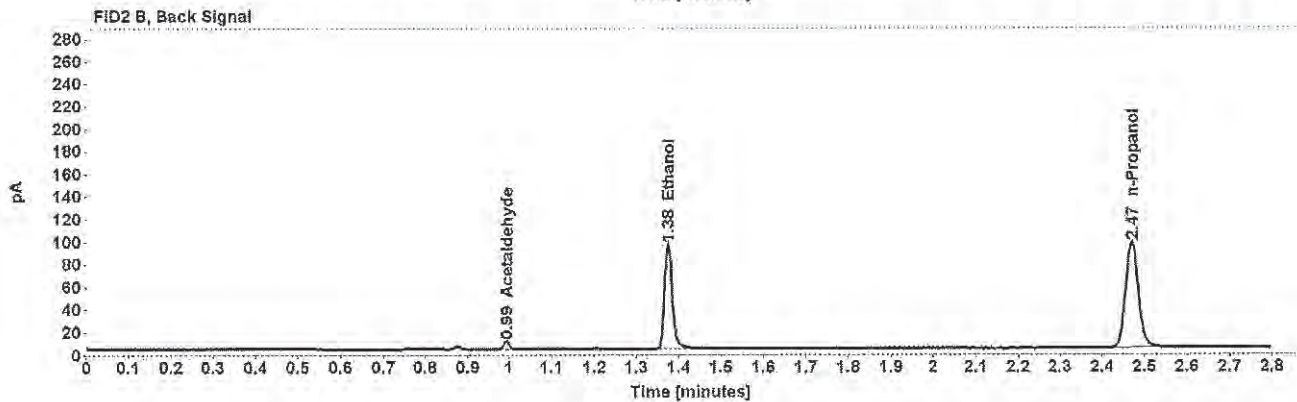
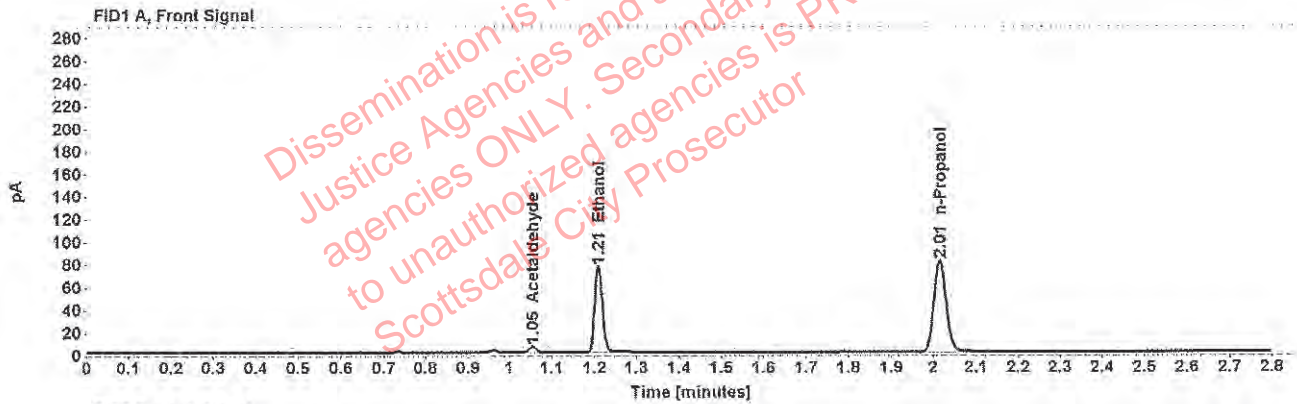


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	5.283
>Ethanol	0.1500	1.209	96.953
n-Propanol	-----	2.015	161.821

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	6.854
Ethanol	1.375	118.815
n-Propanol	2.469	198.093