

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 4/2/2018 SEQUENCE NAME 2Apr18

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 FN06181501 0.99999
 Vial 3 0.20 calibrator Lot FN07201502
 Vial 4 0.40 calibrator Lot FN11191402

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 010318
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 020917WLA
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 08012015-C
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 09022015-A
9	Blood control	0.198 g/dL	0.197 g/dL	ACQ 407041529/3
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 28082014-B
31	Aqueous control	0.150 g/dL	0.154 g/dL	Lipomed 09022015-C
42	Blood control	0.198 g/dL	0.202 g/dL	ACQ 407041529/3
53	Aqueous control	0.400 g/dL	0.408 g/dL	Lipomed 08012015-C
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 09022015-A
55	Blood control	0.198 g/dL	0.203 g/dL	ACQ 407041529/3
56	Blank	Not detected	Not detected	SPD lab 010318

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: Examination request form contained extra digit in item number and was transcribed into LIMS, hand corrected on sequence summary and chromatograms 10 & 11.

Run valid Run invalid WA 81570 4/3/18 Analyst
 Run valid Run invalid KOSECKI 4/3/18 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

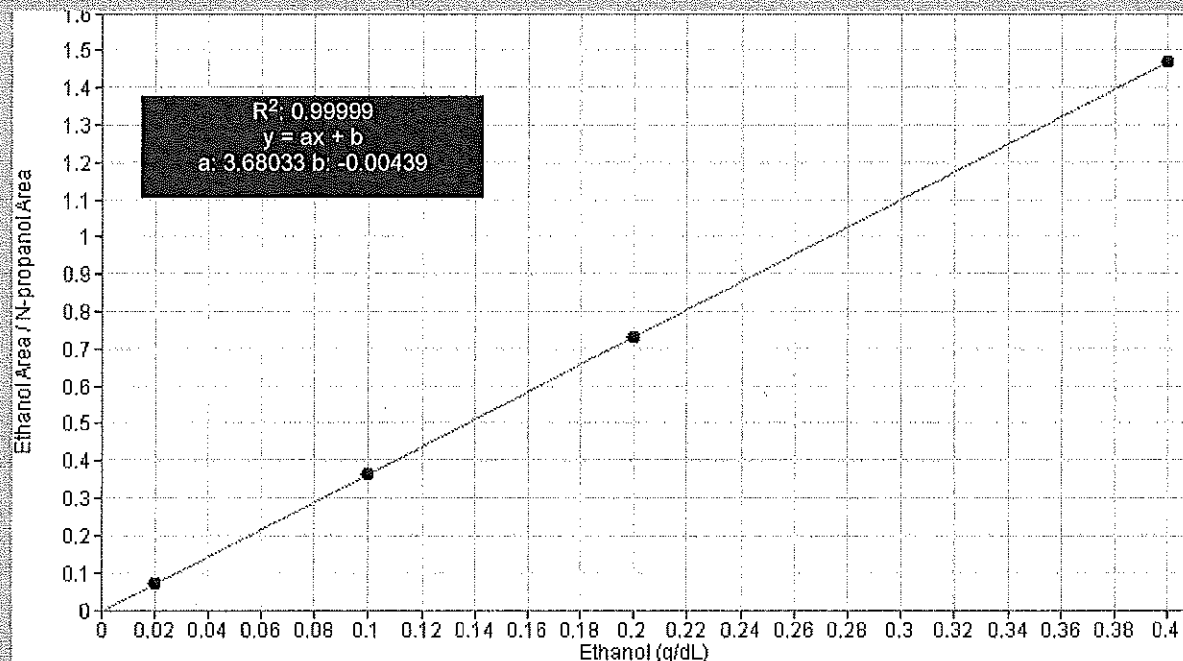
SEQUENCE NAME: 2Apr18

ANALYST: Adrian WA

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010318	5	negative	negative		-
0.400 Lipomed 08012015-C	7	0.402	0.400	0.50	0.002
0.040 Lipomed 09022015-A	8	0.039	0.040	2.50	-0.001
0.198 ACQ 407041529/3	9	0.197	0.198	0.51	-0.001
0.080 Lipomed 28082014-B	20	0.081	0.080	1.25	0.001
0.150 Lipomed 09022015-C	31	0.154	0.150	2.67	0.004
0.198 ACQ 407041529/3	42	0.202	0.198	2.02	0.004
0.40 Lipomed 08012015-C	53	0.408	0.400	2.00	0.008
0.04 Lipomed 09022015-A	54	0.040	0.040	0.00	0.000
0.198 ACQ 407041529/3	55	0.203	0.198	2.53	0.005
blank 010318	56	negative	negative		-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.554	176.617	0.071
0.100	63.059	173.752	0.363
0.200	127.488	174.826	0.729
0.400	257.120	175.023	1.469

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.020 Cerilliant FN03241604	Item number:
Injection date: 4/2/2018 9:52:20 AM	Vial: 1
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\1.D	

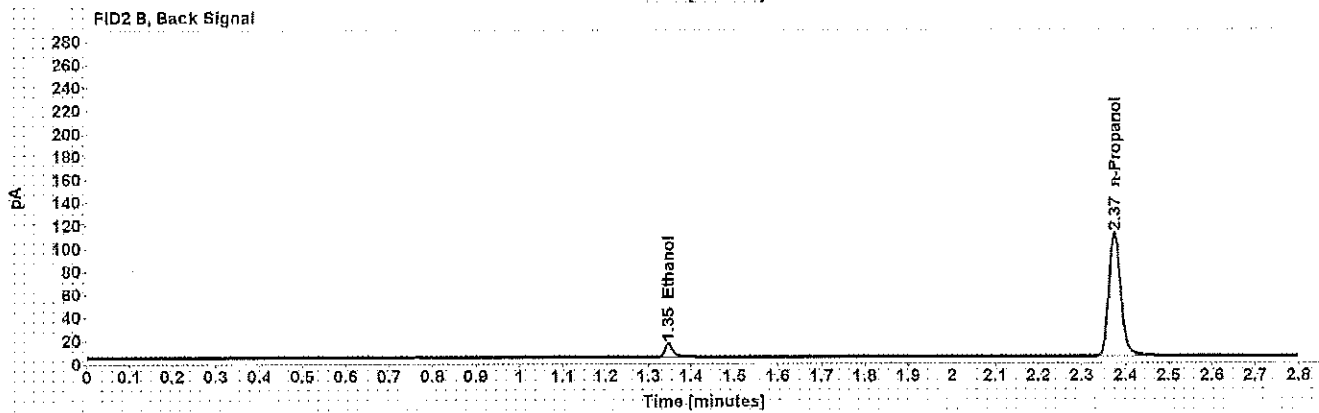
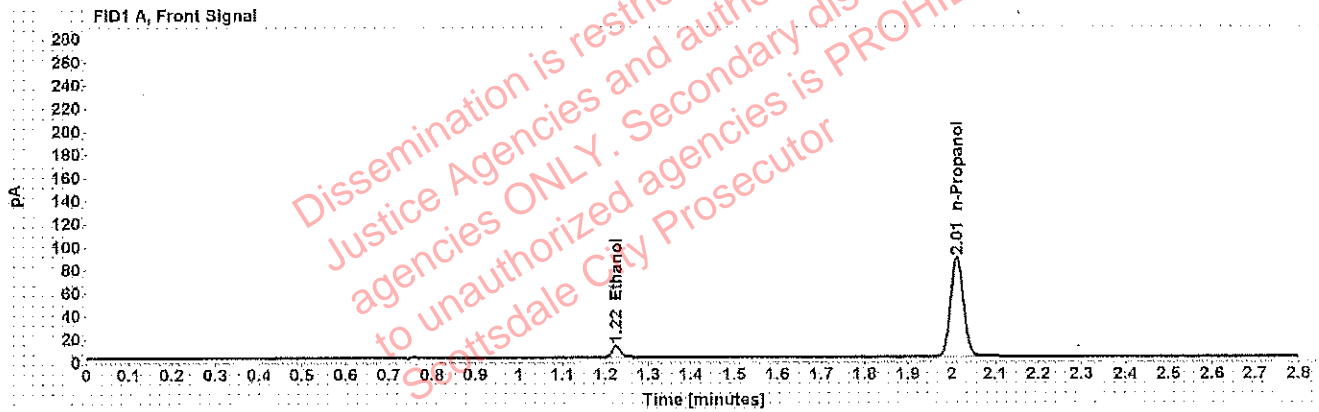


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.225	12.554
n-Propanol	2.012	176.617

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

Compound	Time (min)	Peak Area
Ethanol	1.346	14.488
n-Propanol	2.375	205.847

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.100 Cerilliant FN06181501	Item number:
Injection date: 4/2/2018 9:56:20 AM	Vial: 2
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\2.D	

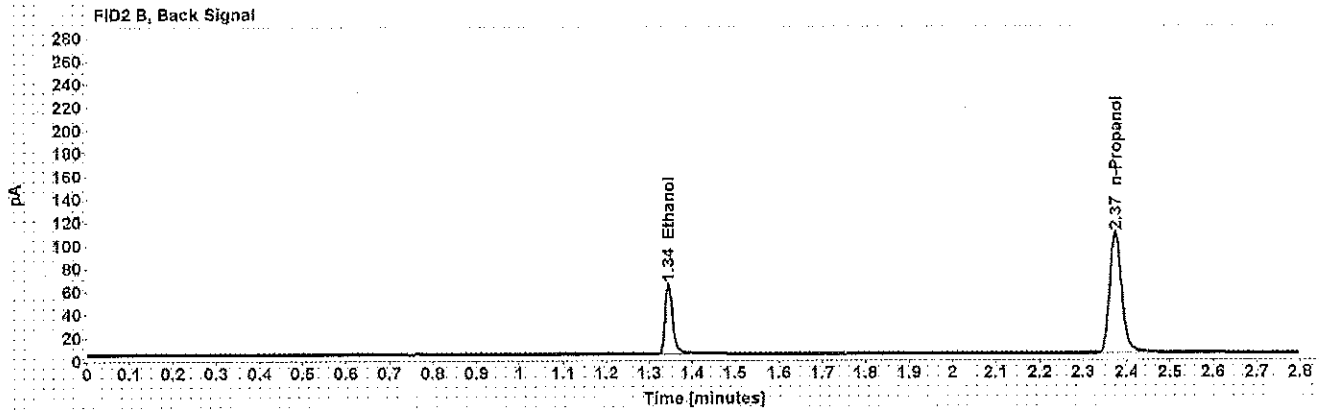
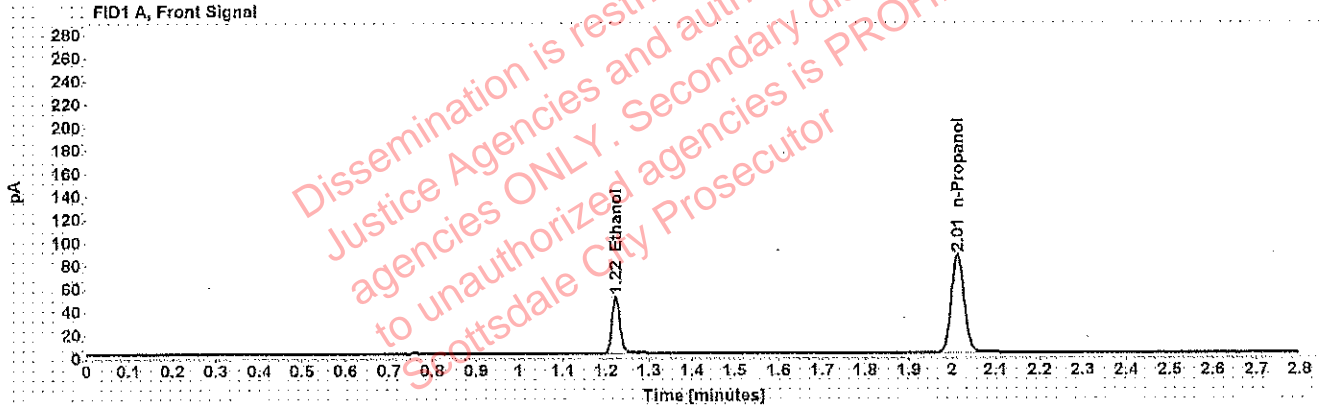


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.223	63.059
n-Propanol	2.012	173.752

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

Compound	Time (min)	Peak Area
Ethanol	1.344	74.695
n-Propanol	2.375	202.046

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.200 Cerilliant FN07201502	Item number:
Injection date: 4/2/2018 10:00:21 AM	Vial: 3
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\3.D	

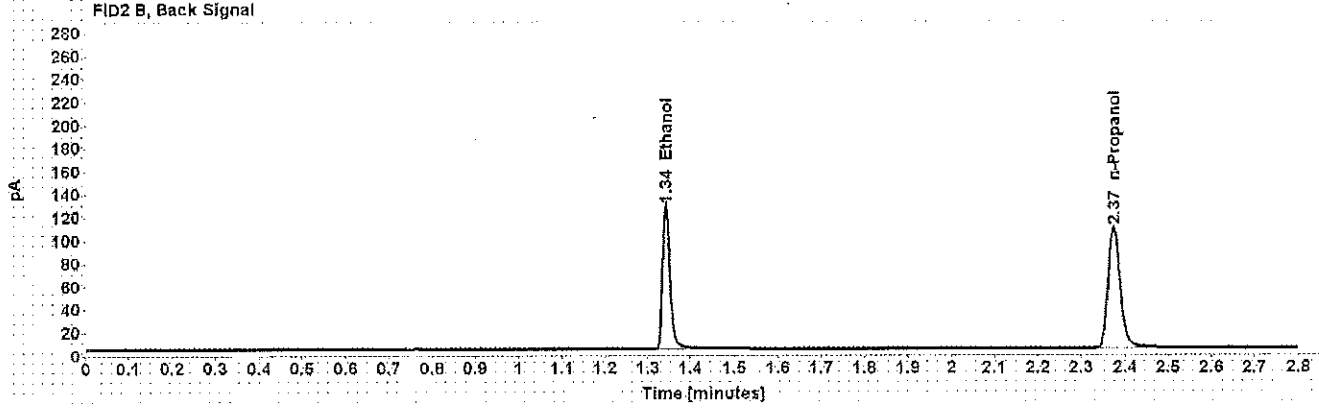
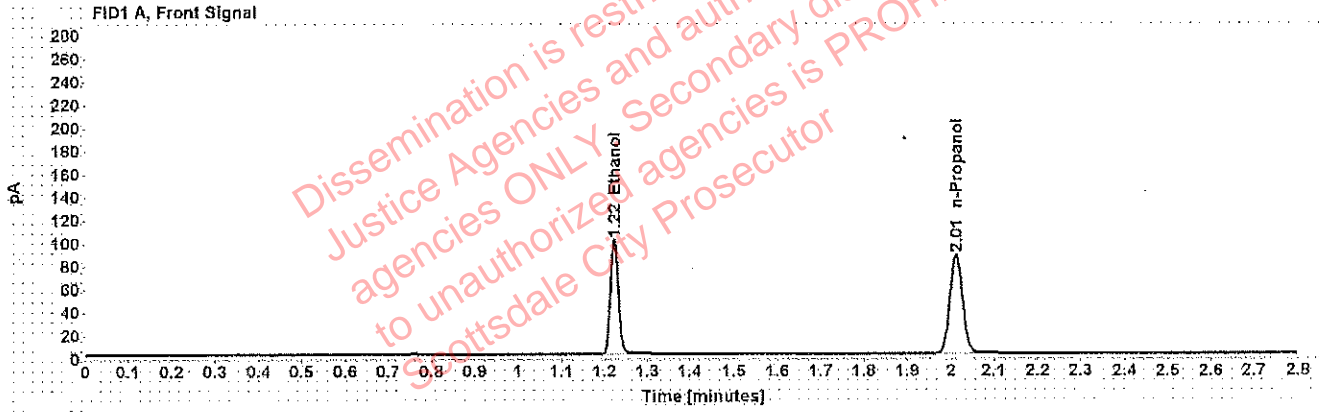


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	127.488
n-Propanol	2.012	174.826

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

Compound	Time (min)	Peak Area
Ethanol	1.343	151.816
n-Propanol	2.374	203.365

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.400 Cerilliant FN11191402	Item number:
Injection date: 4/2/2018 10:04:20 AM	Vial: 4
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\4.D	

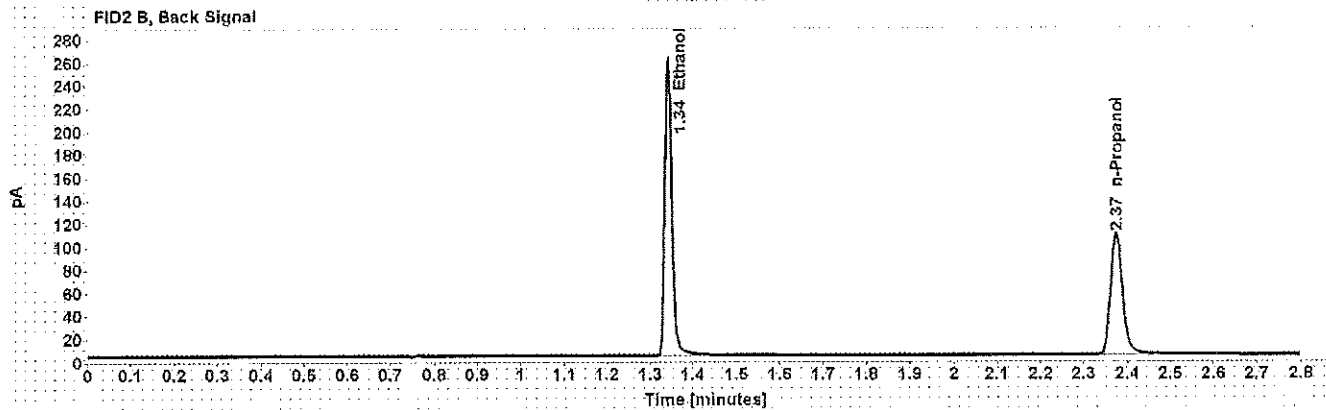
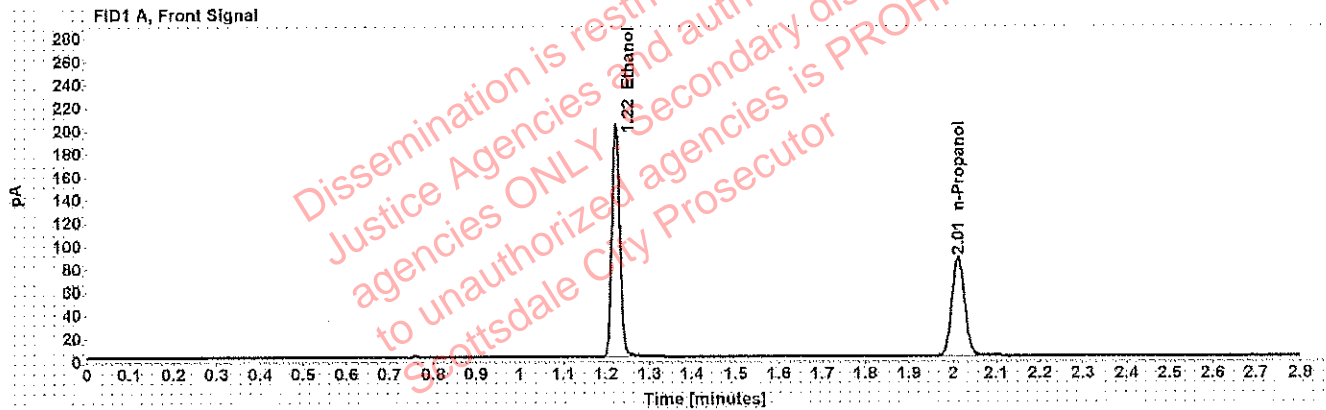


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	257.120
n-Propanol	2.012	175.023

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

Compound	Time (min)	Peak Area
Ethanol	1.343	308.009
n-Propanol	2.374	204.069

Scottsdale Police Department Crime Lab Volatiles Analysis

244

Sample: blank 010318	Item number:
Injection date: 4/2/2018 10:08:20 AM	Vial: 5
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\5.D	

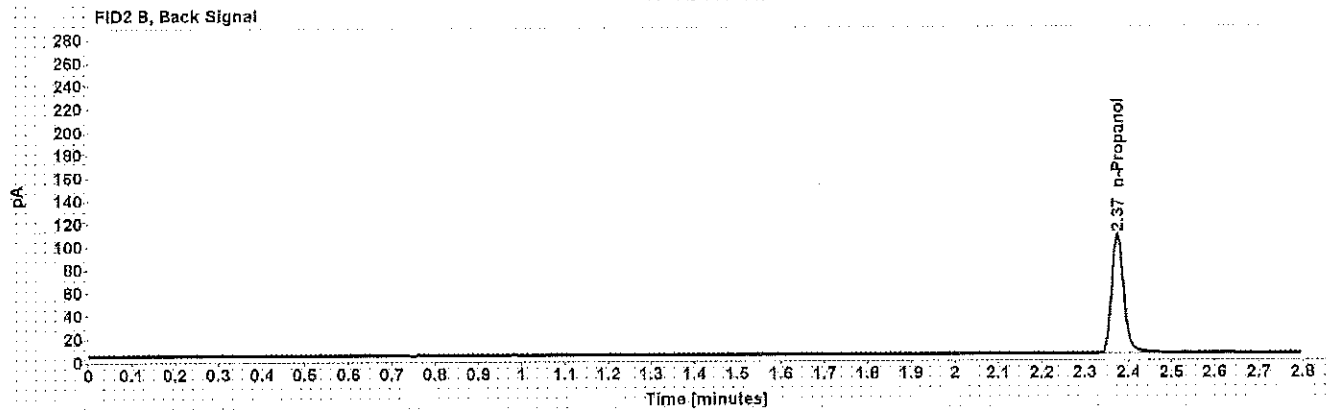


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	171.876

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	199.469

Scottsdale Police Department Crime Lab Volatiles Analysis

WLA

Sample: volatiles mix 020917 W/LA	Item number:
Injection date: 4/2/2018 10:12:20 AM	Vial: 6
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\6.D	

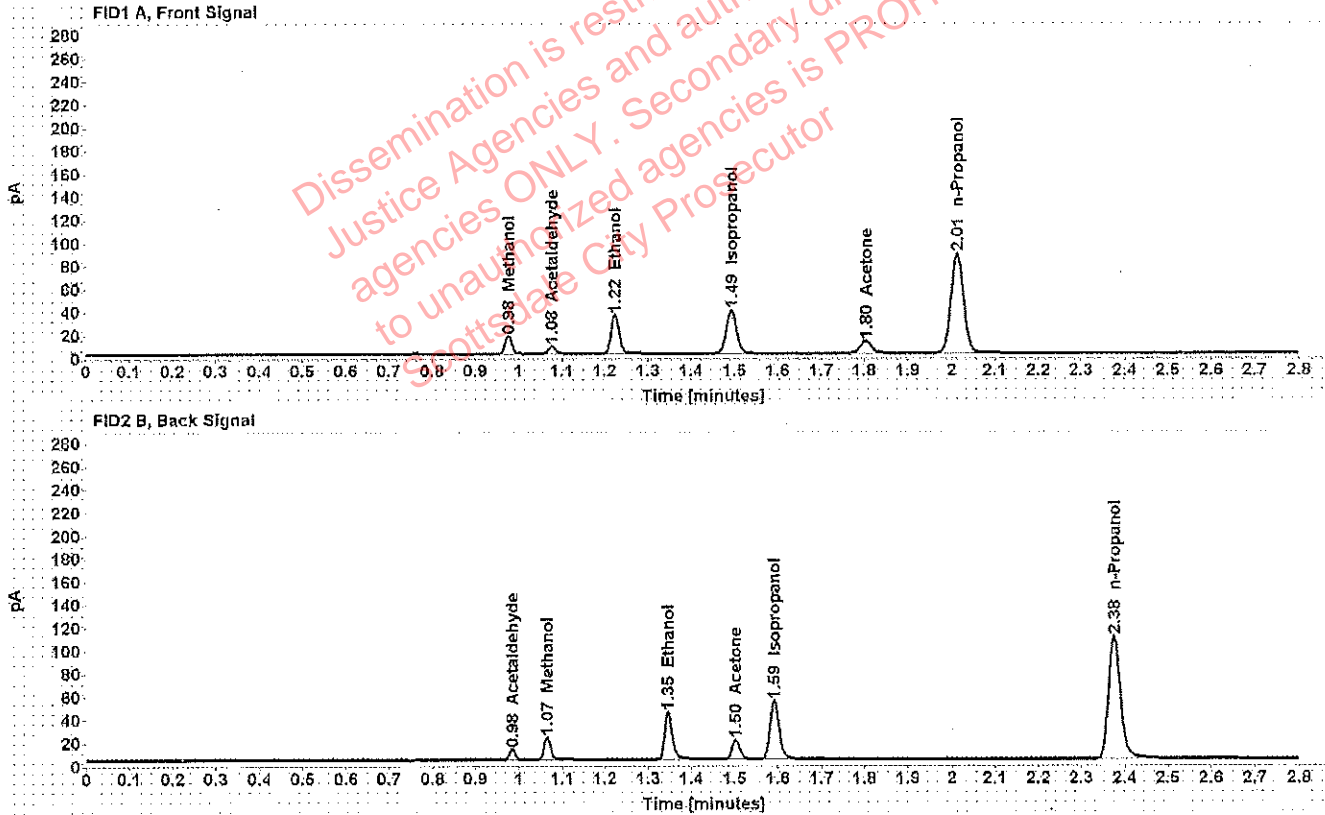


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.976	17.283
Acetaldehyde	-----	1.077	6.735
>Ethanol	0.0679	1.224	43.336
Isopropanol	-----	1.493	61.572
Acetone	-----	1.803	18.183
n-Propanol	-----	2.013	176.619

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	8.418
Methanol	1.065	20.780
Ethanol	1.346	50.724
Acetone	1.502	20.811
Isopropanol	1.591	73.605
n-Propanol	2.376	205.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.400 Lipomed 08012015-C	Item number:
Injection date: 4/2/2018 10:16:35 AM	Vial: 7
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\7.D	

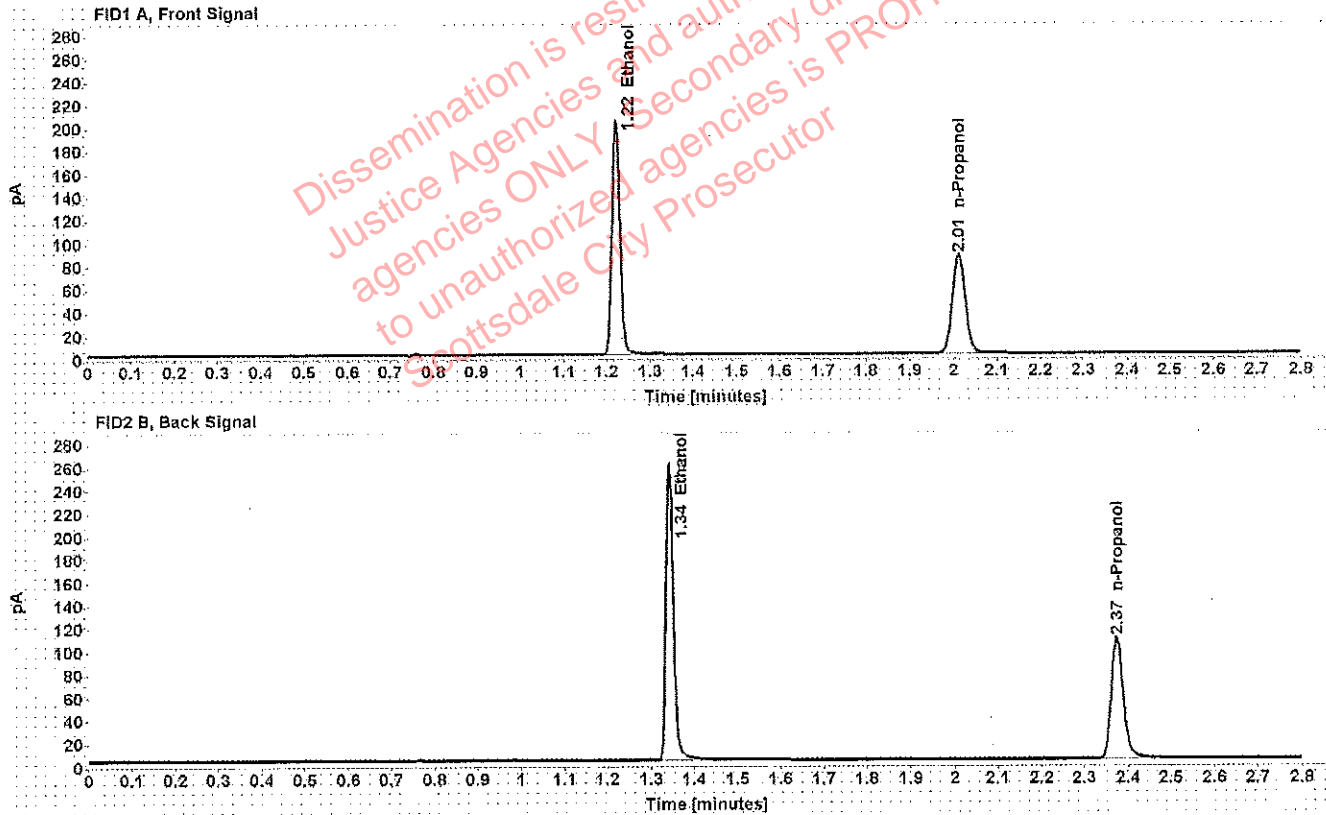


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4026	1.222	258.474
n-Propanol	-----	2.012	174.956

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

Compound	Time (min)	Peak Area
Ethanol	1.343	309.088
n-Propanol	2.375	203.727

Scottsdale Police Department Crime Lab Volatiles Analysis

444

Sample:	0.040 Lipomed 09022015-A	Item number:	
Injection date:	4/2/2018 10:20:36 AM	Vial:	8
Method:	ethanol quant.M	Sequence:	2Apr18
Instrument:	US14173023 CN14160045	Analyst:	Adrian
Data file:	C:\Chem32\1\Data\2Apr18\8.D		

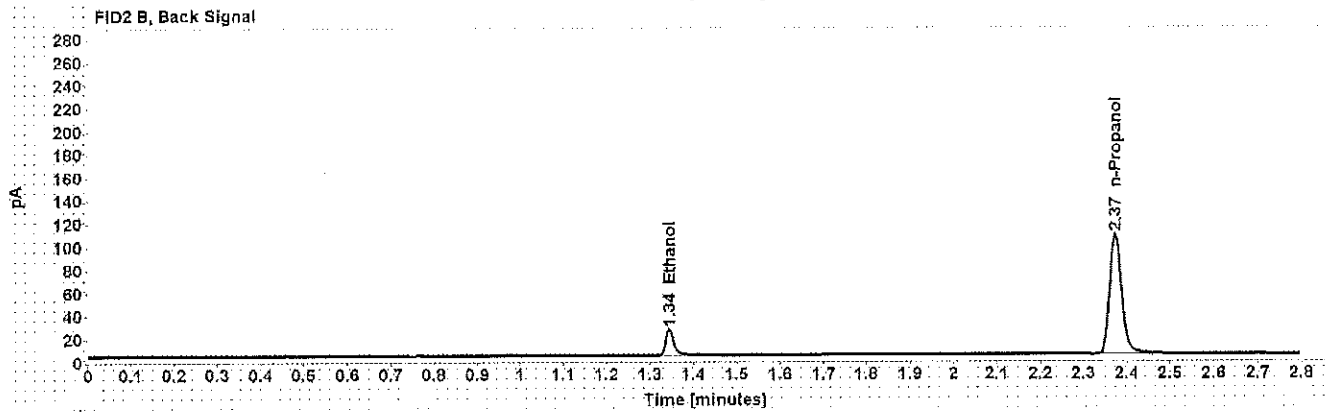
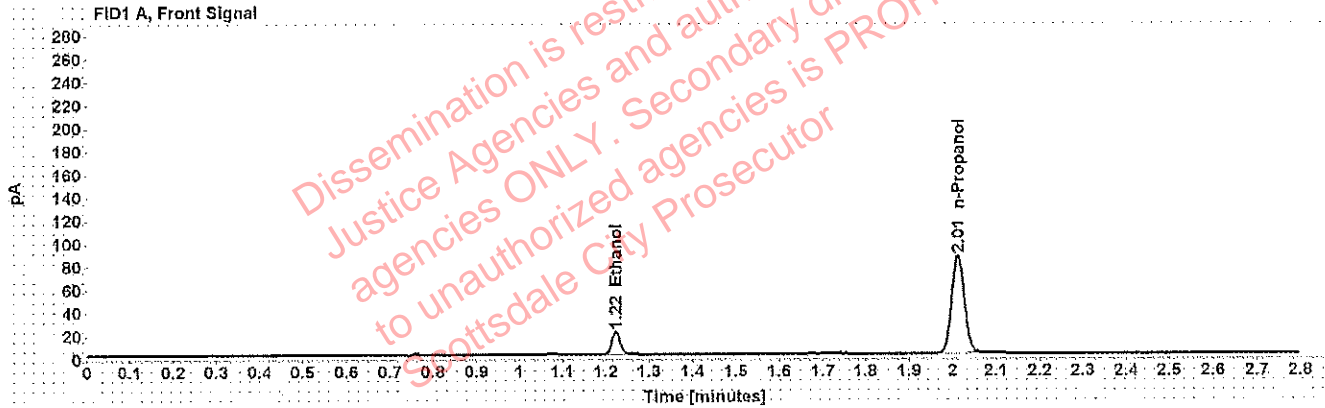


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0399	1.223	24.711
n-Propanol	-----	2.012	173.628

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

Compound	Time (min)	Peak Area
Ethanol	1.345	28.628
n-Propanol	2.374	201.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 4/2/2018 10:24:35 AM	Vial: 9
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\9.D	

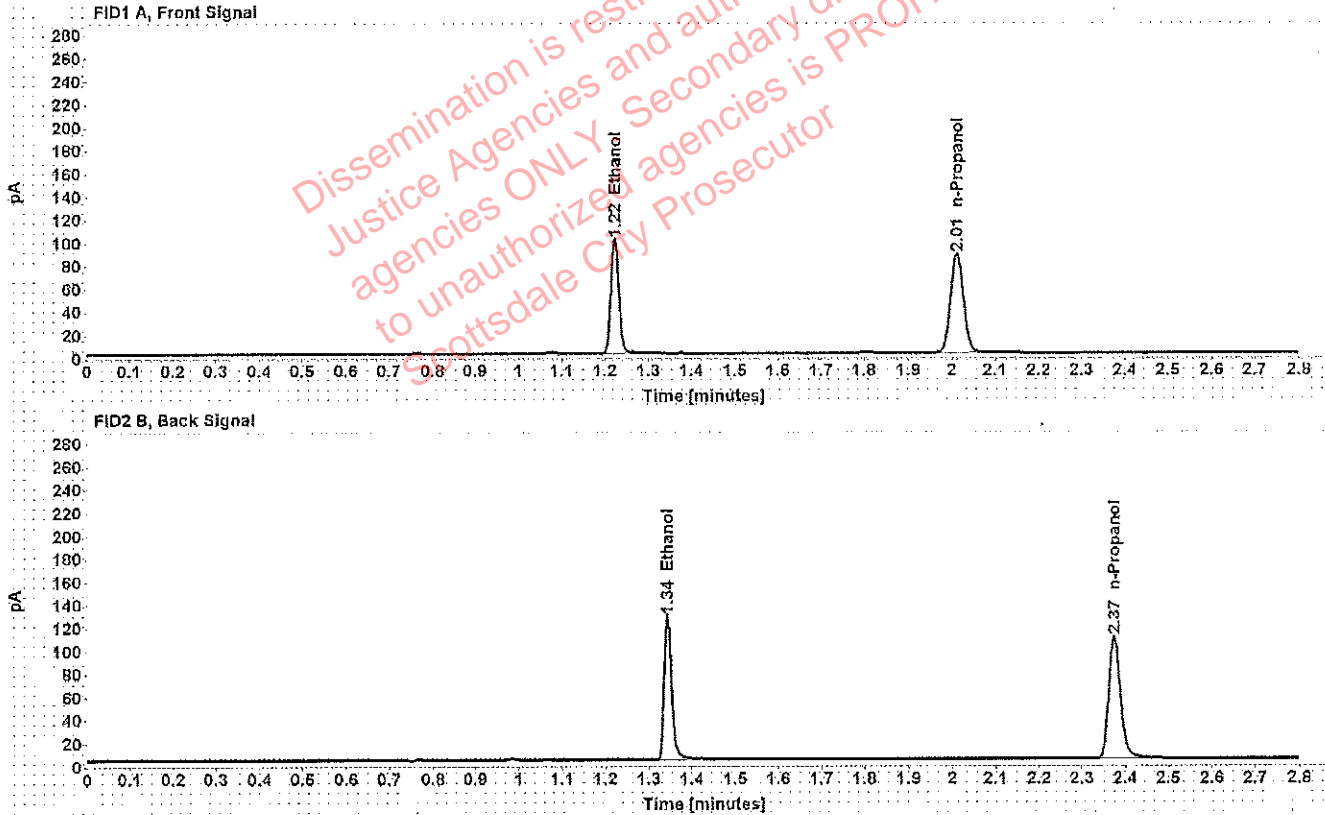


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1978	1.223	127.405
n-Propanol	-----	2.012	176.101

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

Compound	Time (min)	Peak Area
Ethanol	1.343	151.211
n-Propanol	2.375	205.073

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.080 Lipomed 28082014-B	Item number:
Injection date: 4/2/2018 11:09:04 AM	Vial: 20
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\20.D	

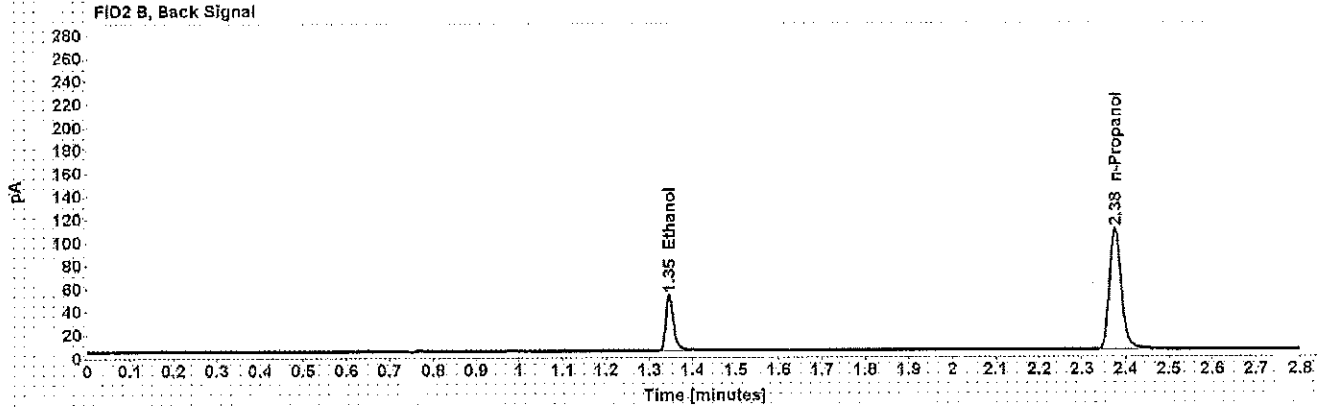
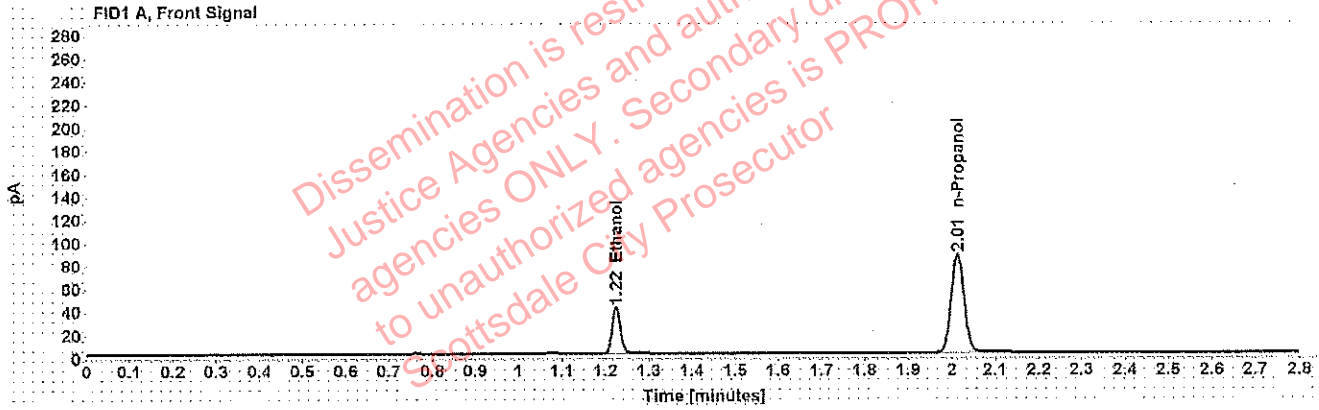


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0812	1.224	51.281
n-Propanol	-----	2.013	174.188

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

Compound	Time (min)	Peak Area
Ethanol	1.346	60.482
n-Propanol	2.376	203.050

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.150 Lipomed 09022015-C	Item number:
Injection date: 4/2/2018 11:53:35 AM	Vial: 31
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\31.D	

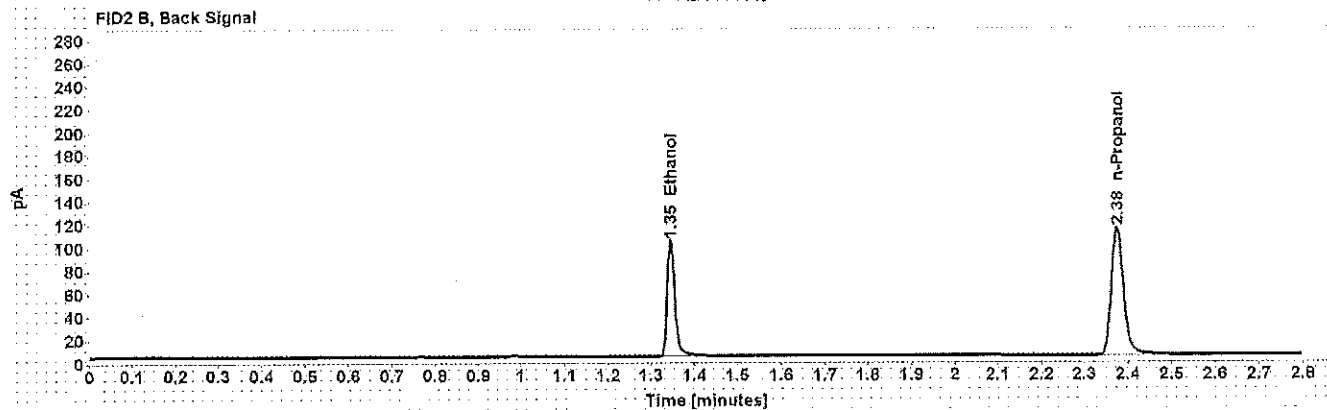
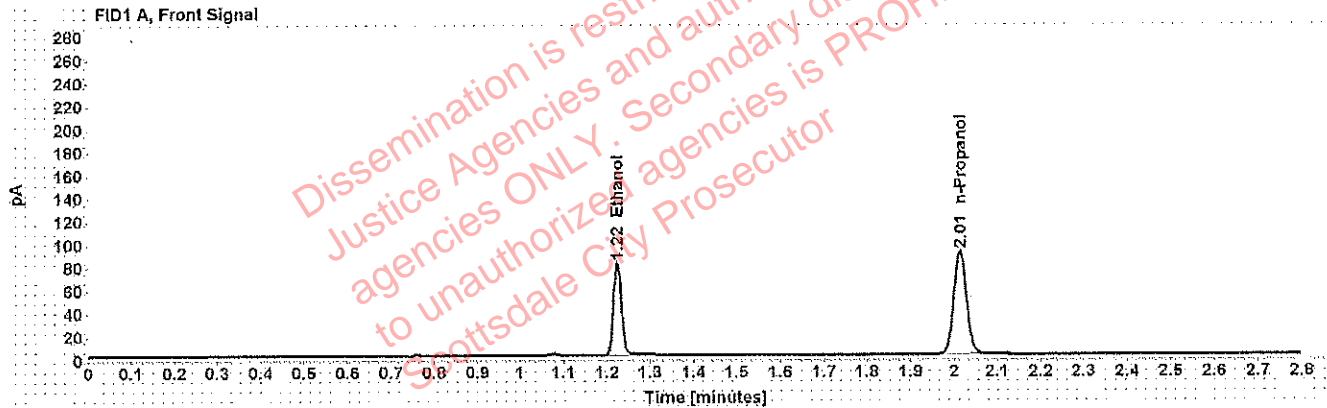


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1548	1.224	103.435
n-Propanol	-----	2.013	182.905

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

Compound	Time (min)	Peak Area
Ethanol	1.345	122.419
n-Propanol	2.376	213.842

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 4/2/2018 12:37:52 PM	Vial: 42
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\42.D	

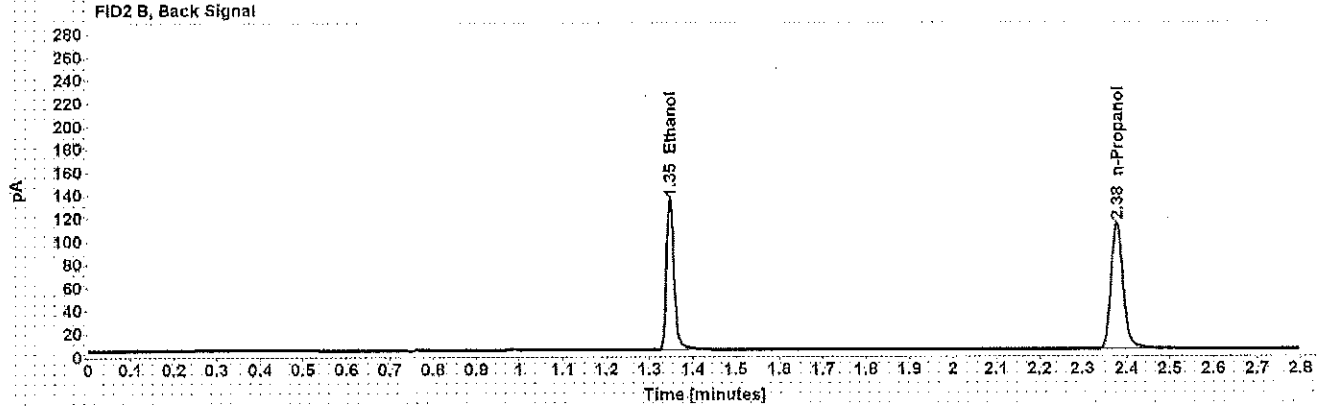
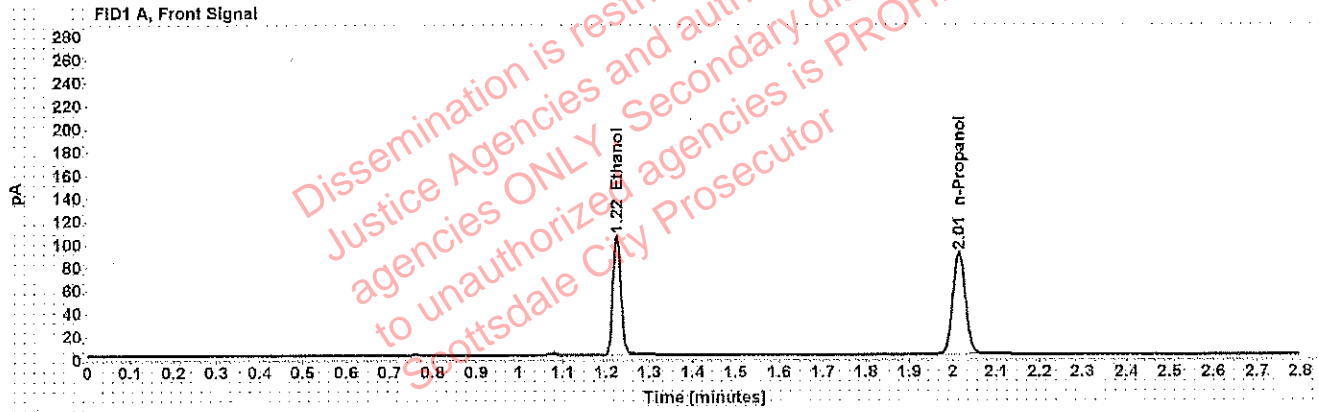


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.225	134.045
n-Propanol	-----	2.014	181.252

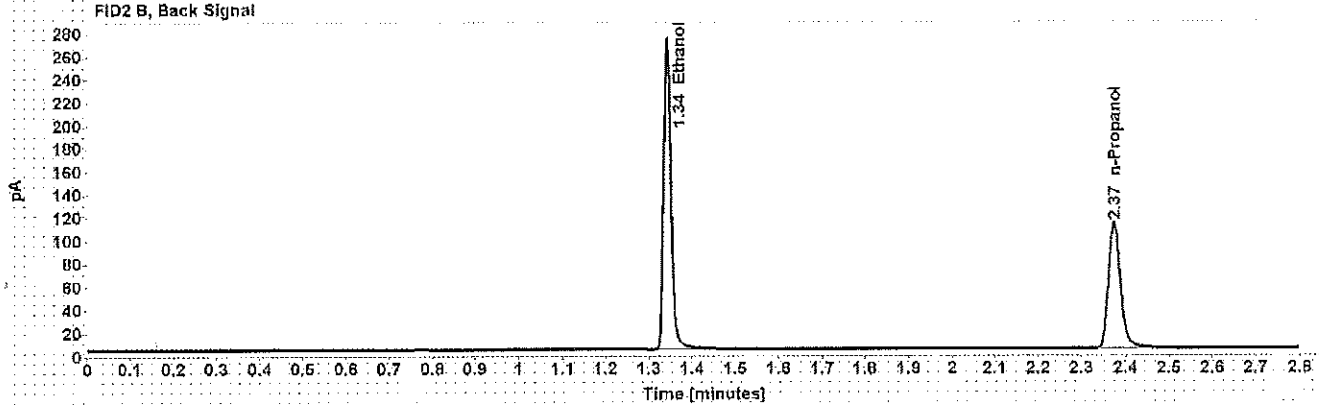
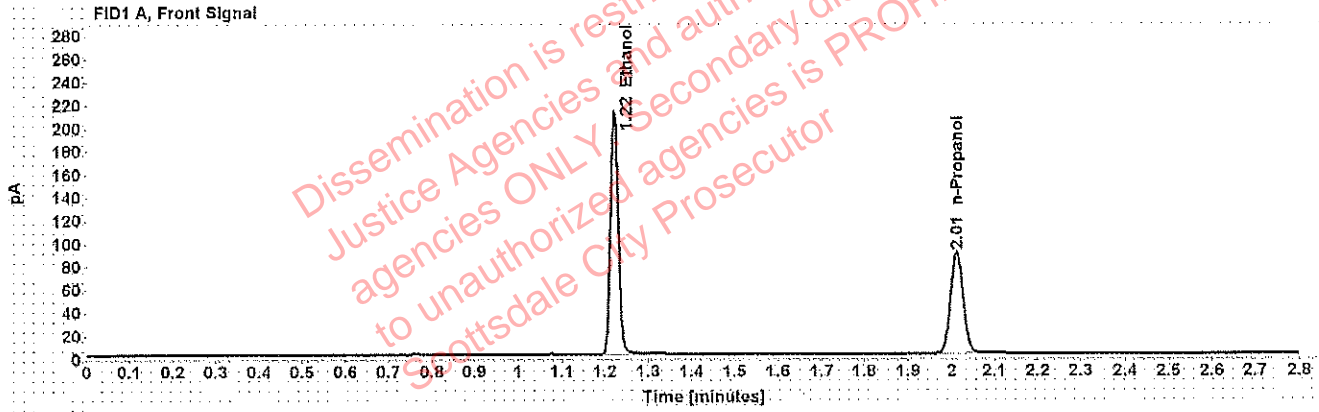
Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.346	160.879
n-Propanol	2.377	212.237

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 0.40 Lipomed 08012015-C	Item number:
Injection date: 4/2/2018 1:22:19 PM	Vial: 53
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\53.D	



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

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4085	1.222	269.865
n-Propanol	-----	2.012	180.011

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

Compound	Time (min)	Peak Area
Ethanol	1.343	324.219
n-Propanol	2.374	211.249

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 0.04 Lipomed 09022015-A	Item number: 54
Injection date: 4/2/2018 1:26:22 PM	Vial: 54
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\54.D	

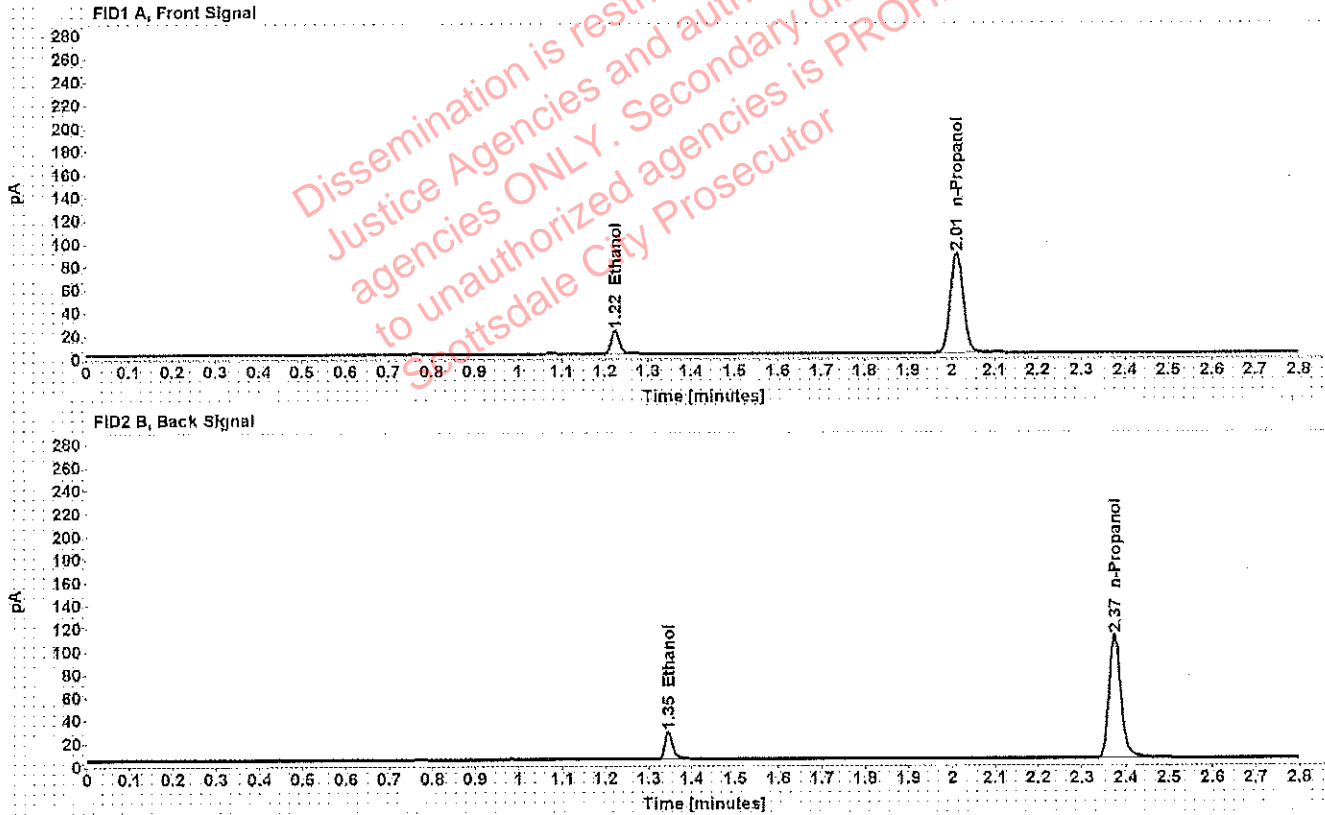


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.224	25.673
n-Propanol	-----	2.012	177.398

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

Compound	Time (min)	Peak Area
Ethanol	1.345	29.776
n-Propanol	2.374	207.772

Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

Sample: 0.198 ACQ 407041529/3	Item number:
Injection date: 4/2/2018 1:30:37 PM	Vial: 55
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
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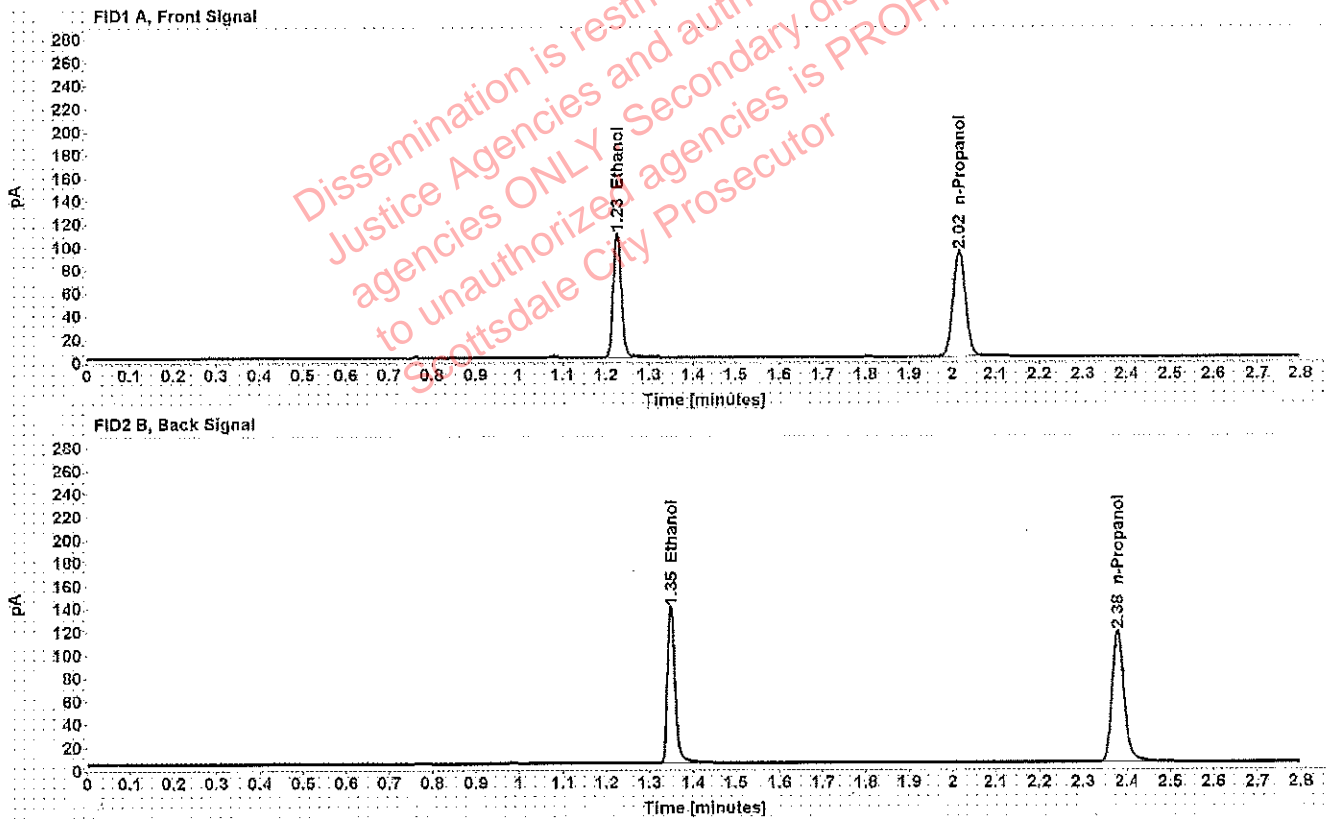


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2037	1.226	139.354
n-Propanol	-----	2.016	186.971

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

Compound	Time (min)	Peak Area
Ethanol	1.349	166.261
n-Propanol	2.379	219.675

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

Sample: blank 010318	Item number:
Injection date: 4/2/2018 1:34:36 PM	Vial: 56
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\56.D	

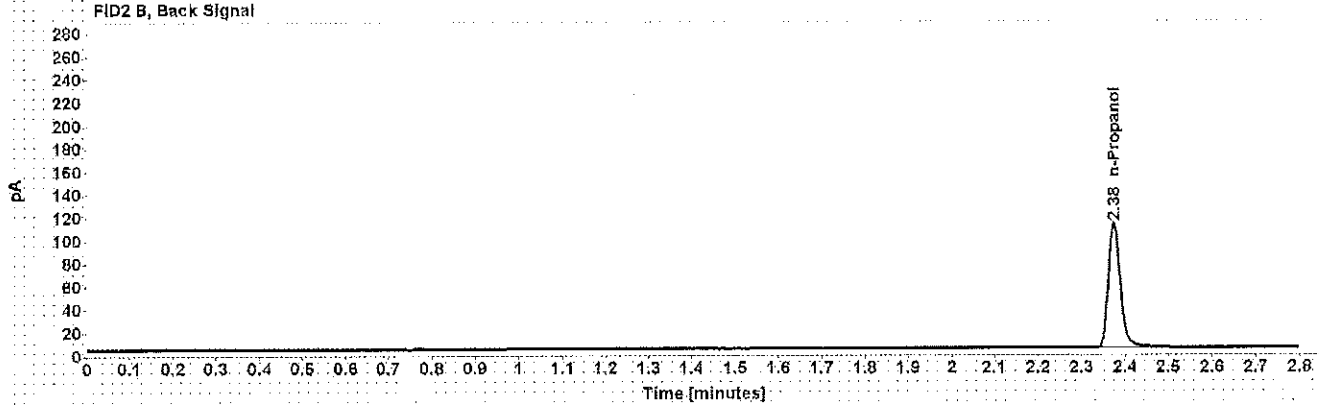
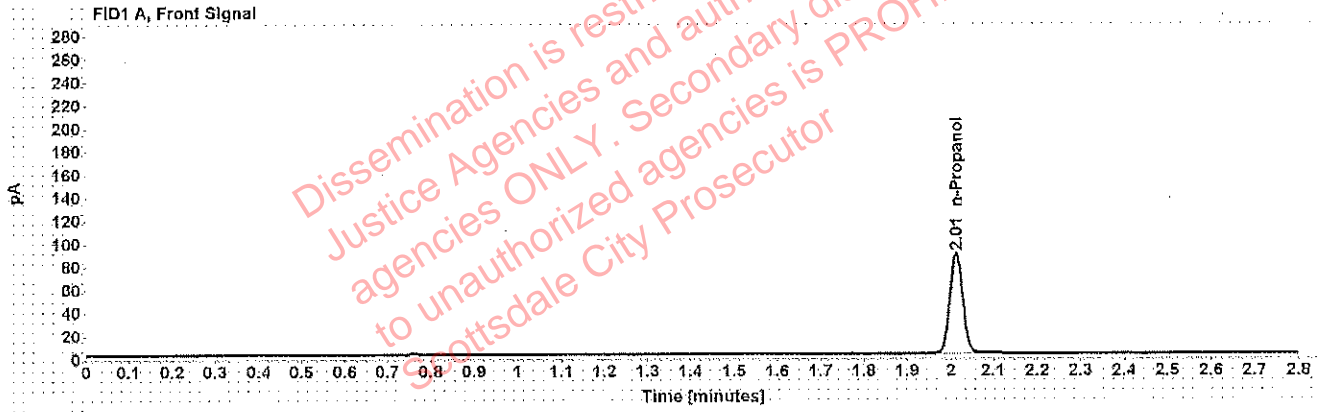


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.012	178.196

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

Compound	Time (min)	Peak Area
n-Propanol	2.375	208.748

Sequence Summary

WA

Sequence name: 2Apr18 Instrument: US14173023 CN14160045 Analyst: Adrian

Vial	Sample	Type	Item Number	Method
1	0.020 Cerilliant FN03241604	Calibration		ethanol quant.M
2	0.100 Cerilliant FN06181501	Calibration		ethanol quant.M
3	0.200 Cerilliant FN07201502	Calibration		ethanol quant.M
4	0.400 Cerilliant FN11191402	Calibration		ethanol quant.M
5	blank 010318	Control		ethanol quant.M
6	volatiles mix 020917 WLA	Control		ethanol quant.M
7	0.400 Lipomed 08012015-C	Control		ethanol quant.M
8	0.040 Lipomed 09022015-A	Control		ethanol quant.M
9	0.198 ACQ 407041529/3	Control	WLA B1570 4/3/18	ethanol quant.M
10		Sample	11795853	ethanol quant.M
11		Sample	11795853 WLA B1570	ethanol quant.M
12		Sample	1179340 4/3/18	ethanol quant.M
13		Sample	1179340	ethanol quant.M
14		Sample	1203774	ethanol quant.M
15		Sample	1203774	ethanol quant.M
16		Sample	1204358	ethanol quant.M
17		Sample	1204358	ethanol quant.M
18		Sample	335-01A	ethanol quant.M
19		Sample	335-01A	ethanol quant.M
20	0.080 Lipomed 28082014-B	Control		ethanol quant.M
21		Sample	1204986	ethanol quant.M
22		Sample	1204986	ethanol quant.M
23		Sample	1201556	ethanol quant.M
24		Sample	1201556	ethanol quant.M
25		Sample	1201543	ethanol quant.M
26		Sample	1201543	ethanol quant.M
27		Sample	1201554	ethanol quant.M
28		Sample	1201554	ethanol quant.M
29		Sample	1201141	ethanol quant.M
30		Sample	1201141	ethanol quant.M
31	0.150 Lipomed 09022015-C	Control		ethanol quant.M
32		Sample	1200912	ethanol quant.M
33		Sample	1200912	ethanol quant.M
34		Sample	1201115	ethanol quant.M
35		Sample	1201115	ethanol quant.M
36		Sample	1182726	ethanol quant.M
37		Sample	1182726	ethanol quant.M
38		Sample	1186022	ethanol quant.M
39		Sample	1186022	ethanol quant.M
40		Sample	1205434	ethanol quant.M
41		Sample	1205434	ethanol quant.M
42	0.198 ACQ 407041529/3	Control		ethanol quant.M
43		Sample	1206043	ethanol quant.M
44		Sample	1206043	ethanol quant.M
45		Sample	1205606	ethanol quant.M
46		Sample	1205606	ethanol quant.M
47		Sample	1202011	ethanol quant.M

Sequence Summary

WFA

48		Sample	1202011	ethanol quant.M
49		Sample	1204500	ethanol quant.M
50		Sample	1204500	ethanol quant.M
51		Sample	1206040	ethanol quant.M
52		Sample	1206040	ethanol quant.M
53	0.40 Lipomed 08012015-C	Control		ethanol quant.M
54	0.04 Lipomed 09022015-A	Control		ethanol quant.M
55	0.198 ACQ 407041529/3	Control		ethanol quant.M
56	blank 010318	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 2Apr18

ANALYST: Adrian WFA

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2406	0.2406	0.24060	0.00	0.00000
12 13	0.1082	0.1095	0.10885	0.60	0.00065
14 15	0.0000	0.0000	0.00000	0.00	0.00000
16 17	0.1703	0.1719	0.17110	0.47	0.00080
18 19	0.2052	0.2057	0.20545	0.12	0.00025
21 22	0.2988	0.3010	0.29990	0.37	0.00110
23 24	0.0793	0.0803	0.07980	0.63	0.00050
25 26	0.2857	0.2886	0.28715	0.50	0.00145
27 28	0.2618	0.2602	0.26100	0.31	0.00080
29 30	0.2378	0.2390	0.23840	0.25	0.00060
32 33	0.1113	0.1125	0.11190	0.54	0.00060
34 35	0.0904	0.0908	0.09060	0.22	0.00020
36 37	0.0823	0.0842	0.08325	1.14	0.00095
38 39	0.1464	0.1465	0.14645	0.03	0.00005
40 41	0.1254	0.1246	0.12500	0.32	0.00040
43 44	0.3245	0.3235	0.32400	0.15	0.00050
45 46	0.1157	0.1158	0.11575	0.04	0.00005
47 48	0.1550	0.1541	0.15455	0.29	0.00045
49 50	0.3663	0.3638	0.36505	0.34	0.00125
51 52	0.1211	0.1203	0.12070	0.33	0.00040

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 11795853
Injection date: 4/2/2018 10:28:34 AM	Vial: 10 WLA B1570 4/3/18
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\10.D	

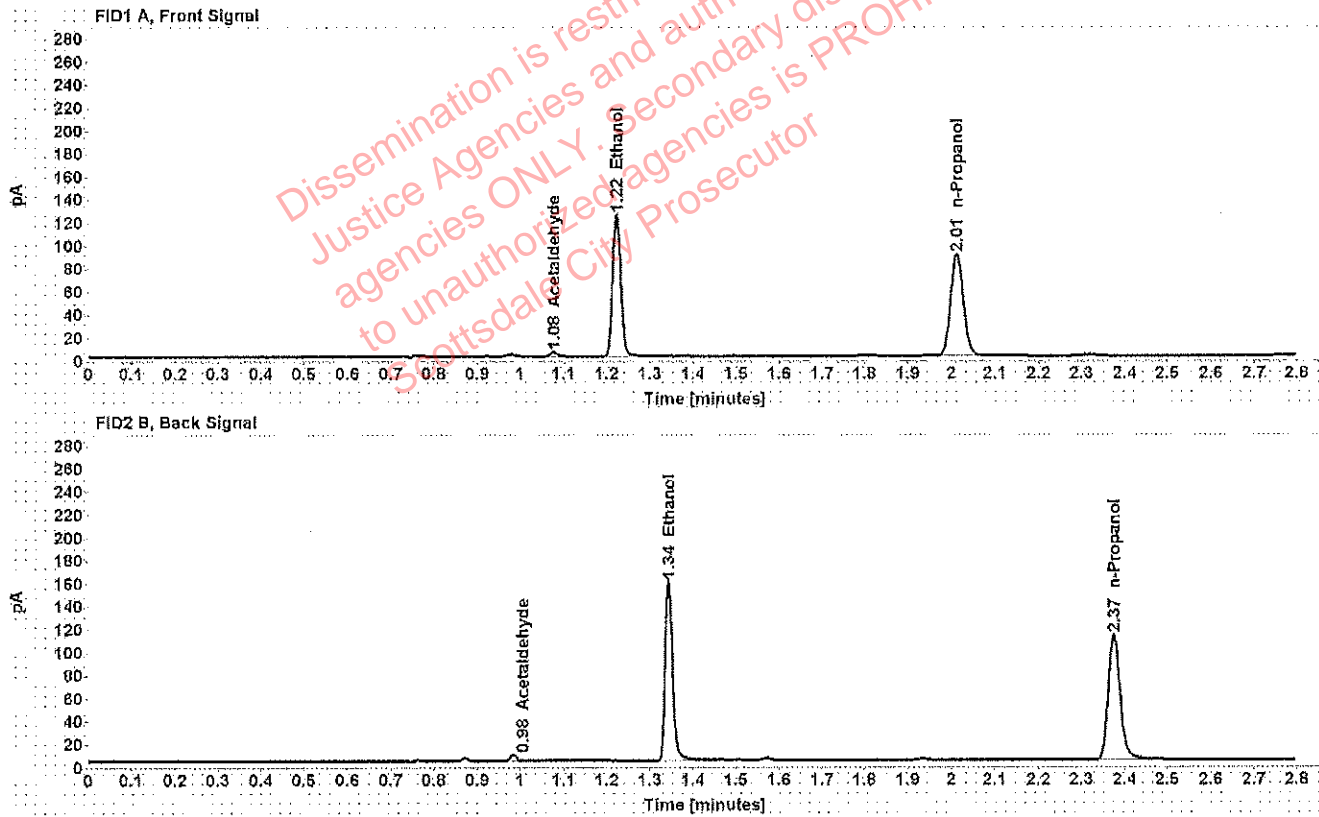


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.923
>Ethanol	0.2406	1.223	158.661
n-Propanol	-----	2.012	180.060

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.951
Ethanol	1.343	189.634
n-Propanol	2.375	211.282

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 11795853
Injection date: 4/2/2018 10:32:36 AM	Vial: 11 WLA B1570 4/3/18
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\11.D	

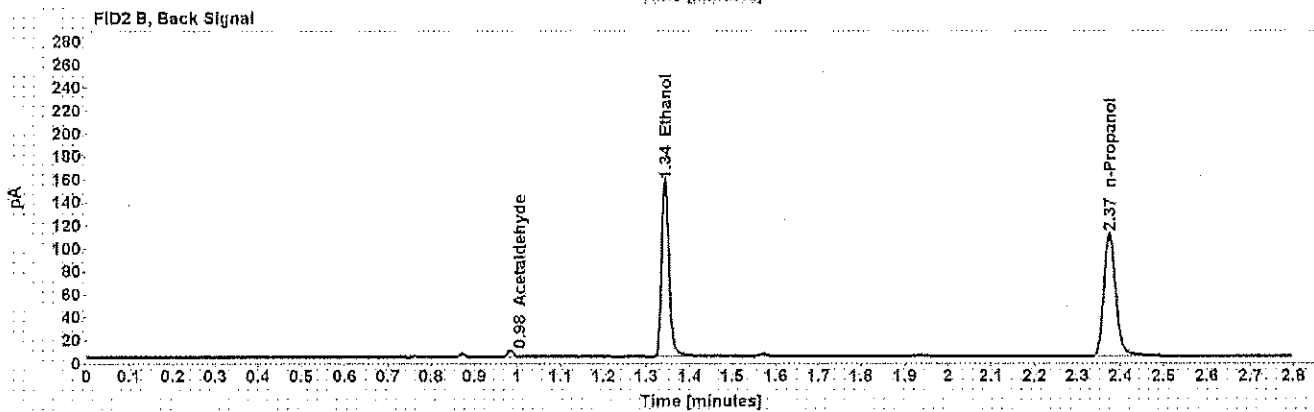
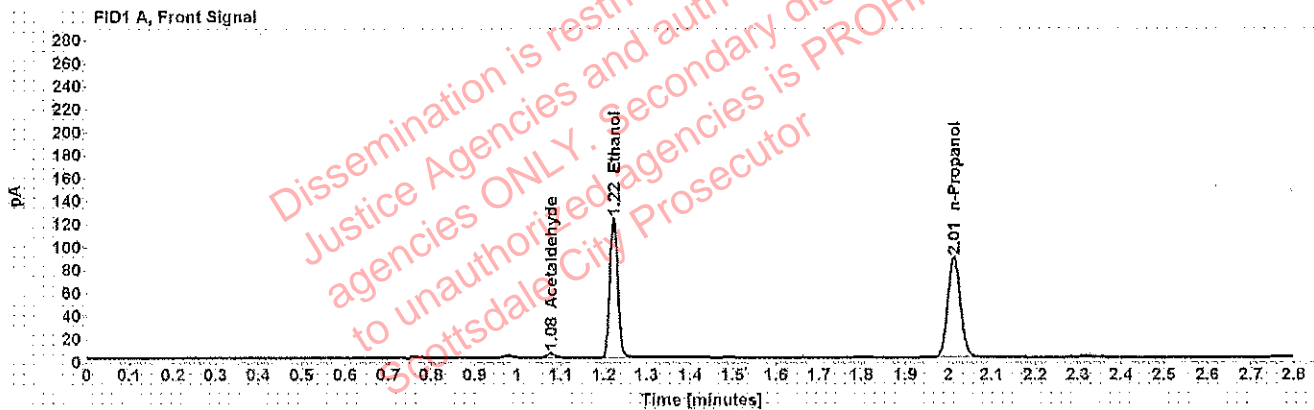


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	3.906
>Ethanol	0.2406	1.223	156.076
n-Propanol	-----	2.012	177.163

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.925
Ethanol	1.343	186.619
n-Propanol	2.375	207.481

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1179340
Injection date: 4/2/2018 10:36:35 AM	Vial: 12
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\12.D	

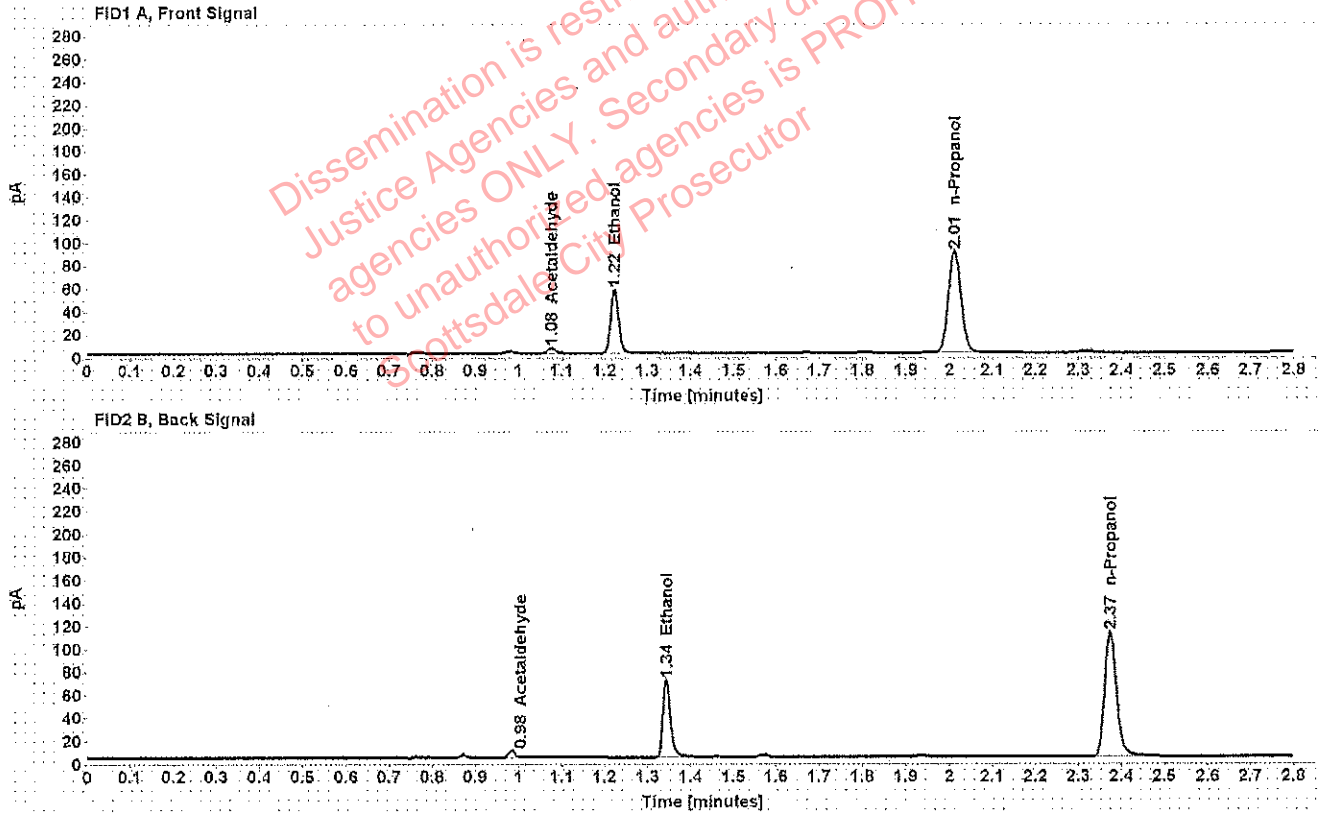


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.627
>Ethanol	0.1082	1.223	70.702
n-Propanol	-----	2.012	179.608

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.834
Ethanol	1.344	82.715
n-Propanol	2.375	210.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1179340
Injection date: 4/2/2018 10:40:50 AM	Vial: 13
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\13.D	

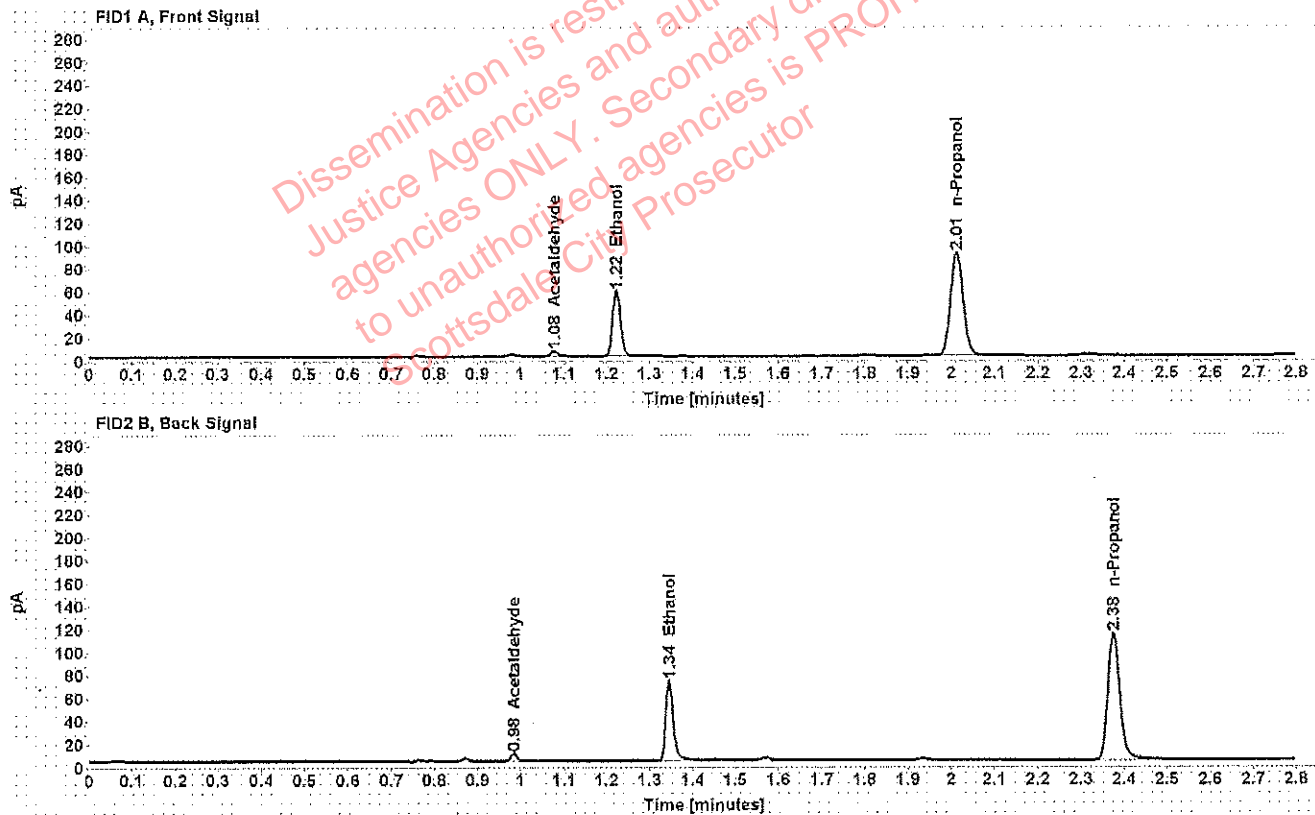


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.733
>Ethanol	0.1095	1.224	72.659
n-Propanol	-----	2.013	182.216

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.947
Ethanol	1.345	85.151
n-Propanol	2.375	213.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1203774
Injection date: 4/2/2018 10:44:49 AM	Vial: 14
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Apr18\14.D	

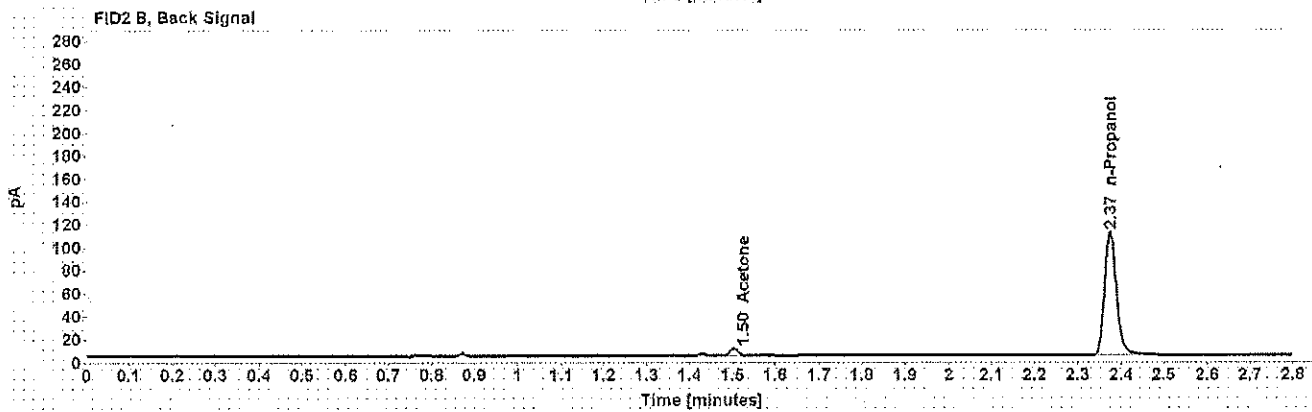
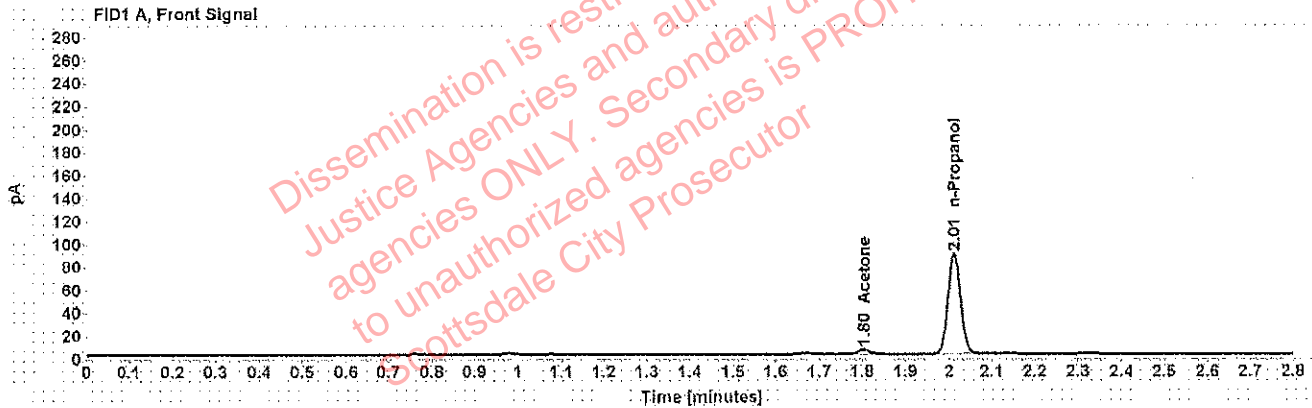


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.803	6.975
n-Propanol	-----	2.012	178.682

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

Compound	Time (min)	Peak Area
Acetone	1.503	8.004
n-Propanol	2.375	208.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1203774
Injection date: 4/2/2018 10:48:49 AM	Vial: 15
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\15.D	

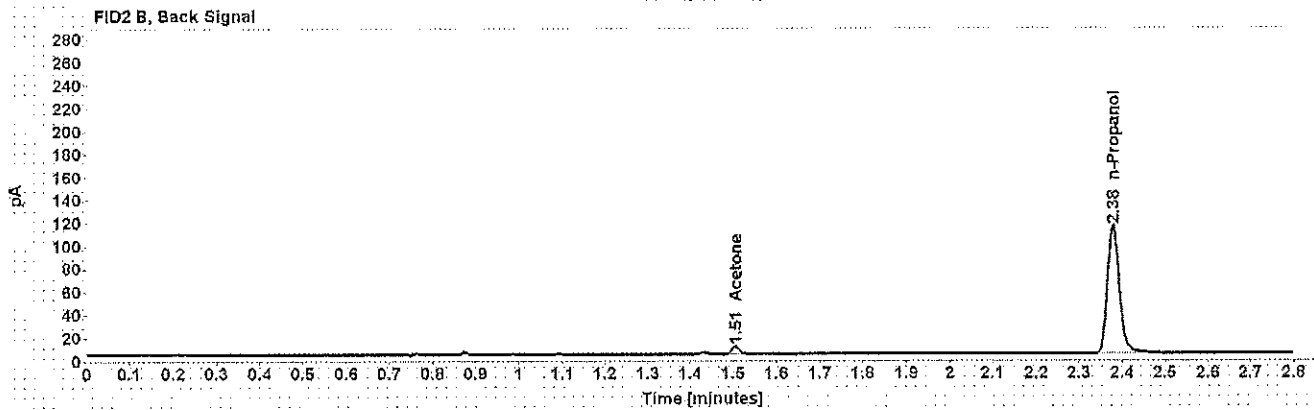
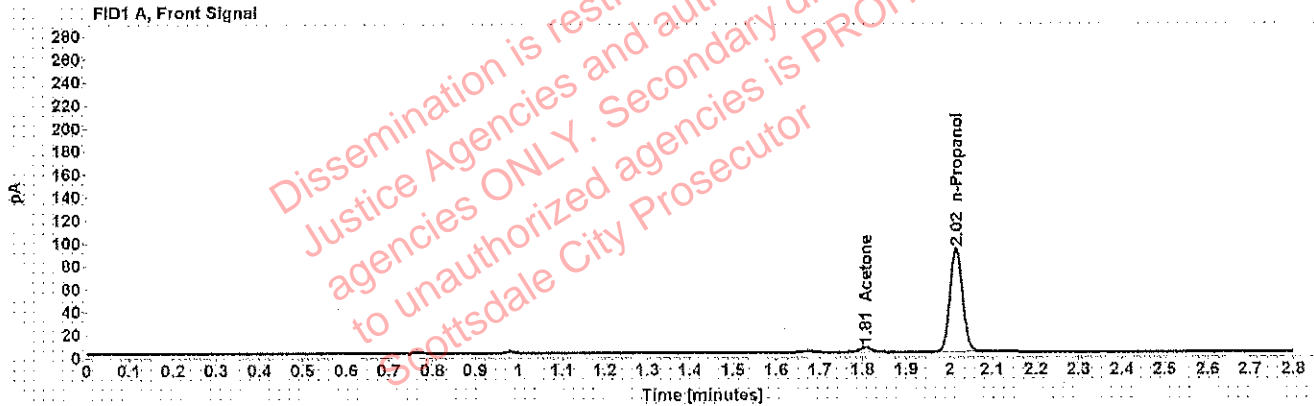


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetone	-----	1.806	7.045
n-Propanol	-----	2.016	184.246

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

Compound	Time (min)	Peak Area
Acetone	1.506	8.115
n-Propanol	2.379	215.113

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204358
Injection date: 4/2/2018 10:52:51 AM	Vial: 16
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\16.D	

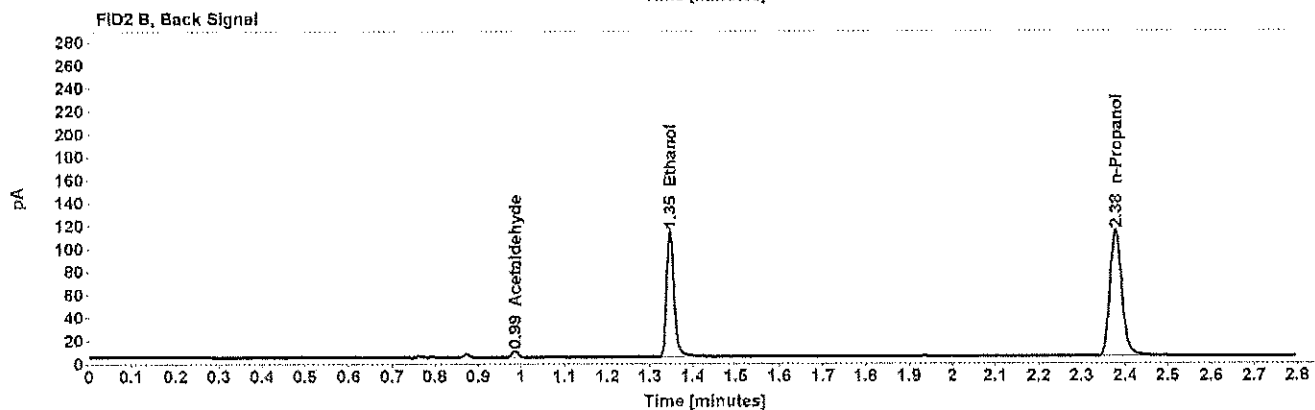
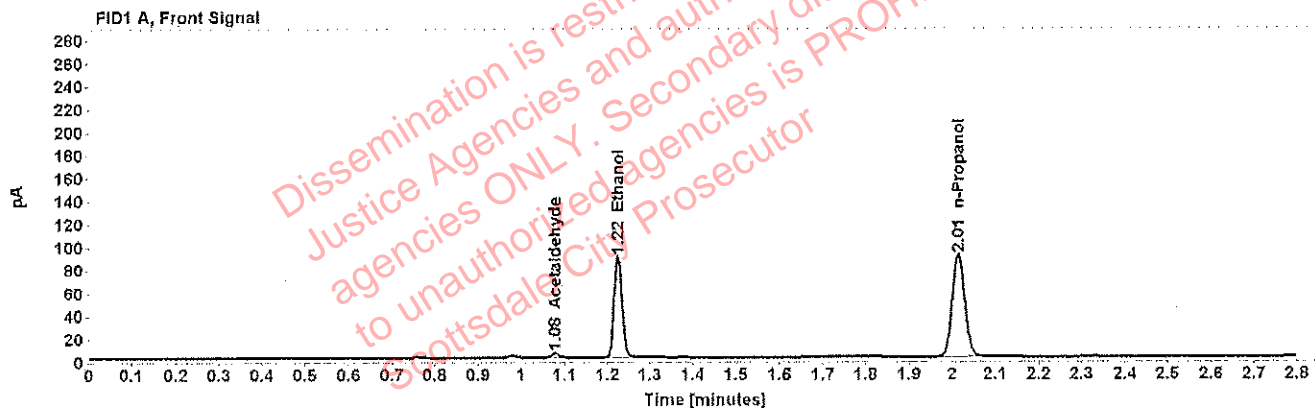


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	4.043
>Ethanol	0.1703	1.225	113.095
n-Propanol	-----	2.014	181.698

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.062
Ethanol	1.346	133.468
n-Propanol	2.377	212.736

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204358
Injection date: 4/2/2018 10:56:50 AM	Vial: 17
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\17.D	

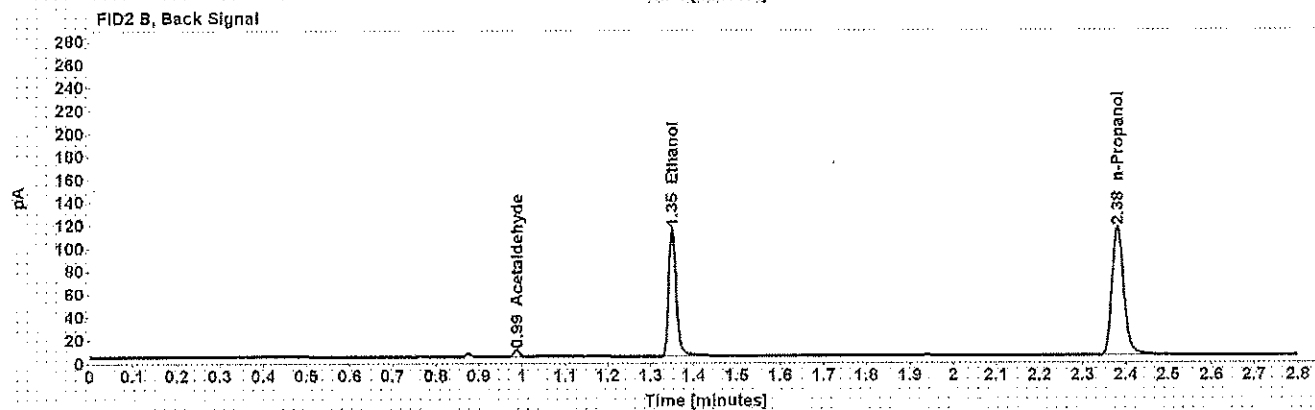
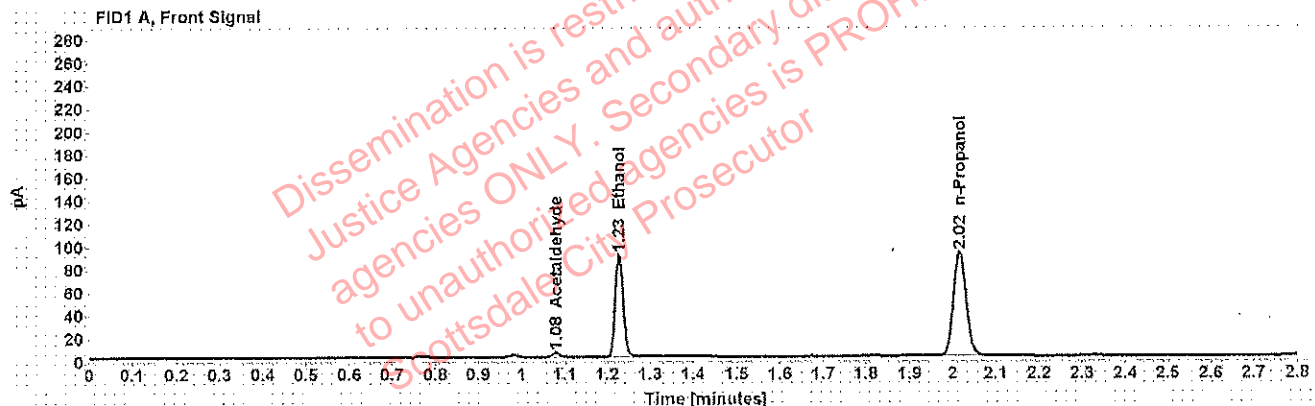


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.009
>Ethanol	0.1719	1.227	116.327
n-Propanol	-----	2.017	185.115

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	5.029
Ethanol	1.350	137.412
n-Propanol	2.381	216.325

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 4/2/2018 11:00:52 AM	Vial: 18
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\18.D	

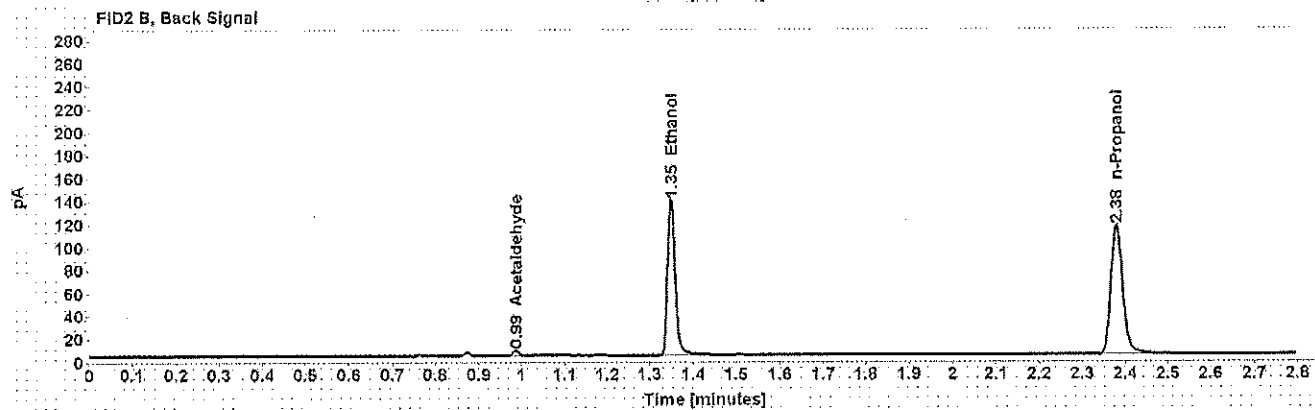
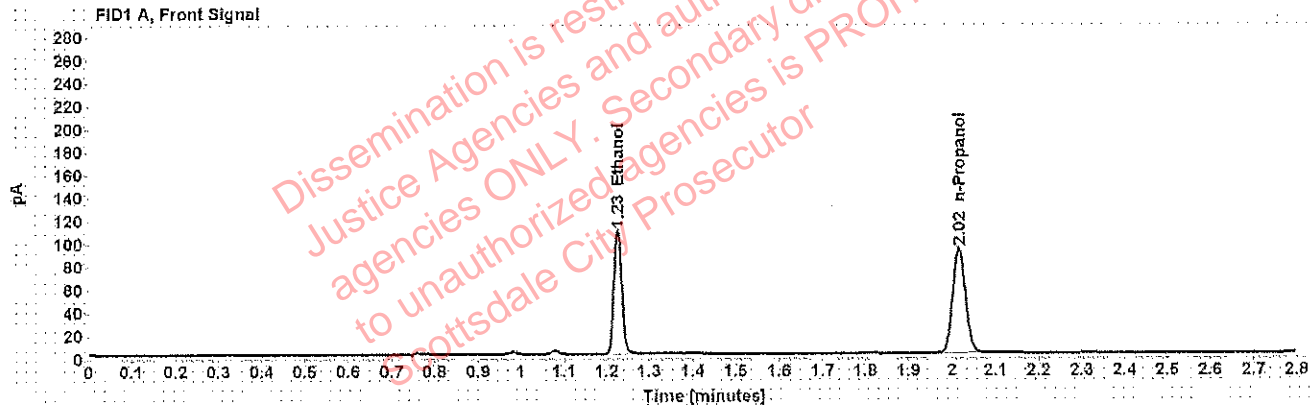


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.226	139.715
n-Propanol	-----	2.016	186.127

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.168
Ethanol	1.349	165.780
n-Propanol	2.379	217.740

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 335-01A
Injection date: 4/2/2018 11:05:05 AM	Vial: 19
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\19.D	

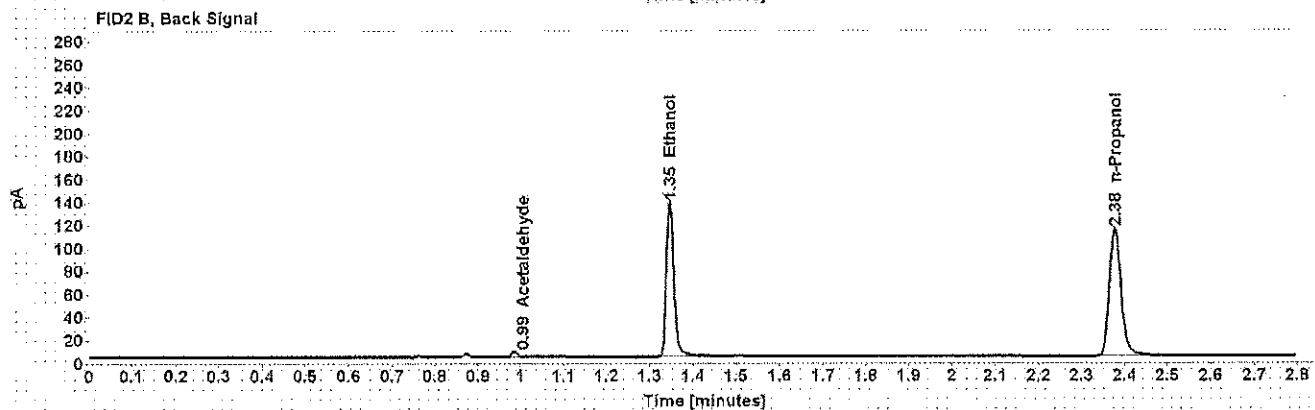
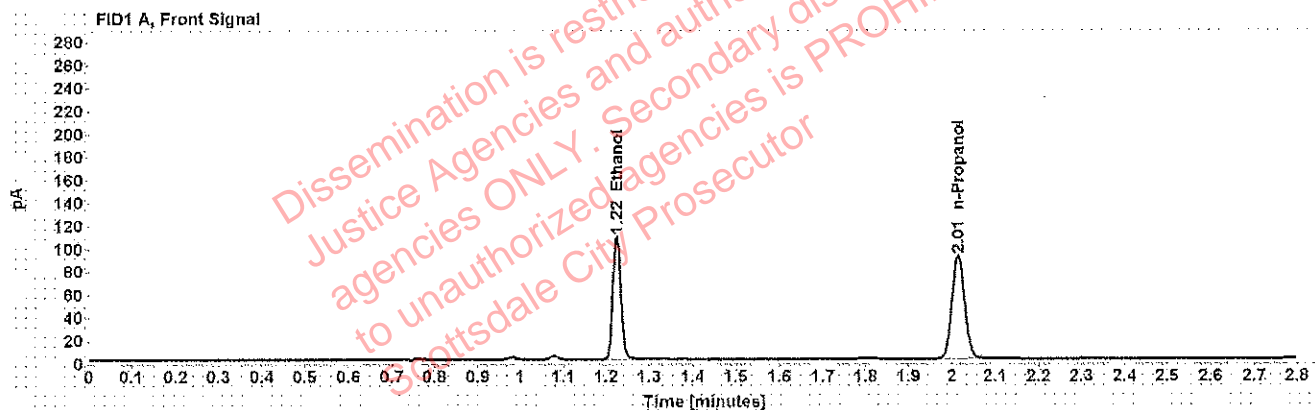


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2057	1.225	138.123
n-Propanol	-----	2.014	183.480

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	4.072
Ethanol	1.346	163.632
n-Propanol	2.377	214.731

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204986
Injection date: 4/2/2018 11:13:04 AM	Vial: 21
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11Data\2Apr18\21.D	

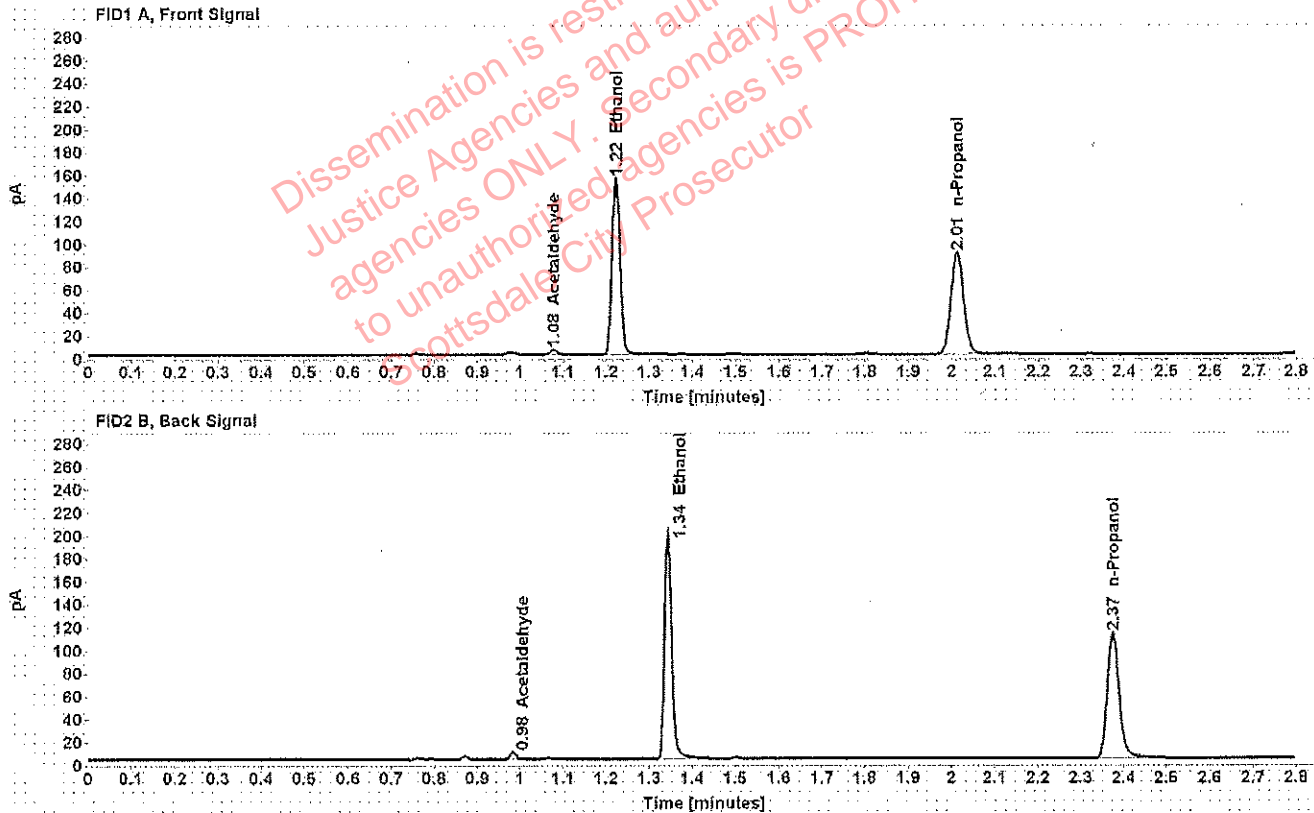


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.468
>Ethanol	0.2988	1.223	197.688
n-Propanol	-----	2.012	180.504

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.599
Ethanol	1.343	235.329
n-Propanol	2.375	211.493

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204986
Injection date: 4/2/2018 11:17:05 AM	Vial: 22
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
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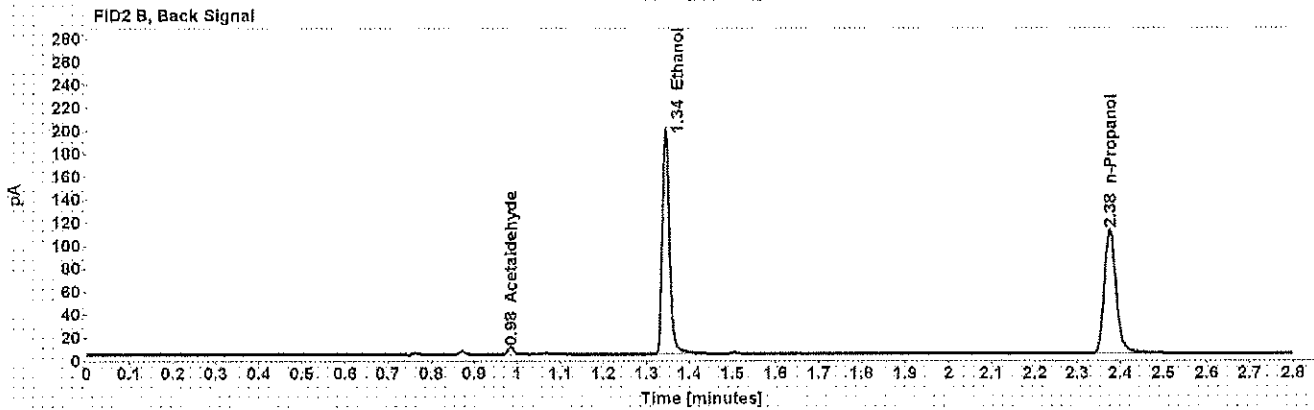
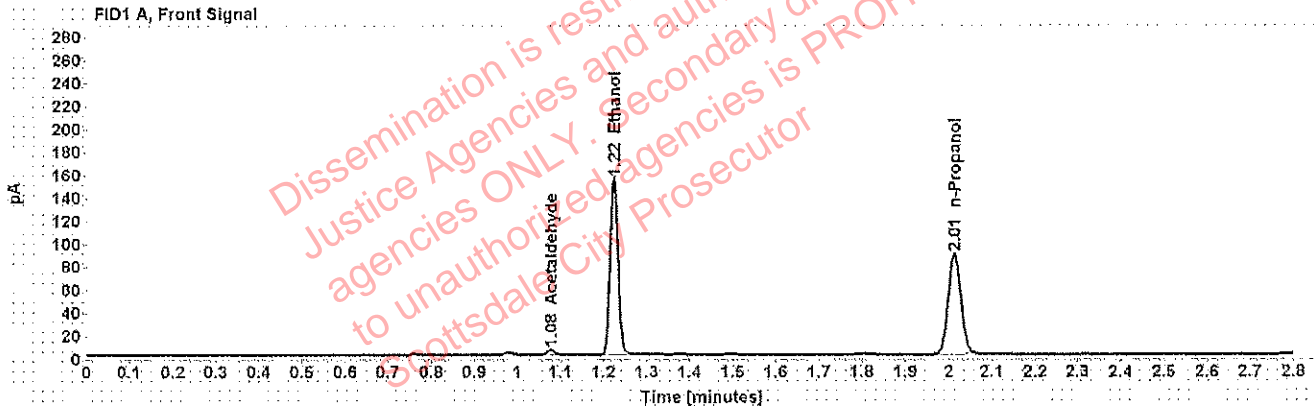


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.360
>Ethanol	0.3010	1.223	196.821
n-Propanol	-----	2.013	178.398

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.484
Ethanol	1.344	233.870
n-Propanol	2.376	208.823

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201556
Injection date: 4/2/2018 11:21:04 AM	Vial: 23
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Apr18\23.D	

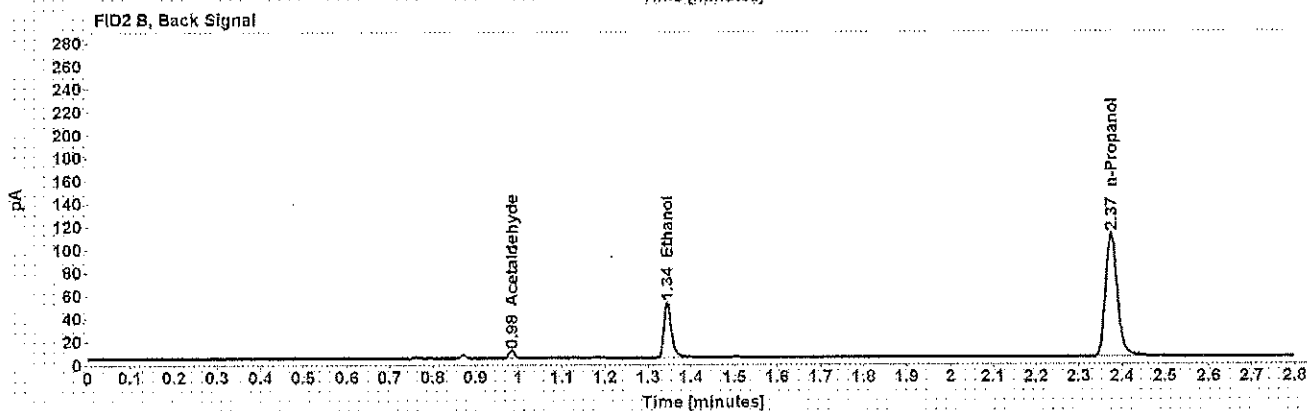
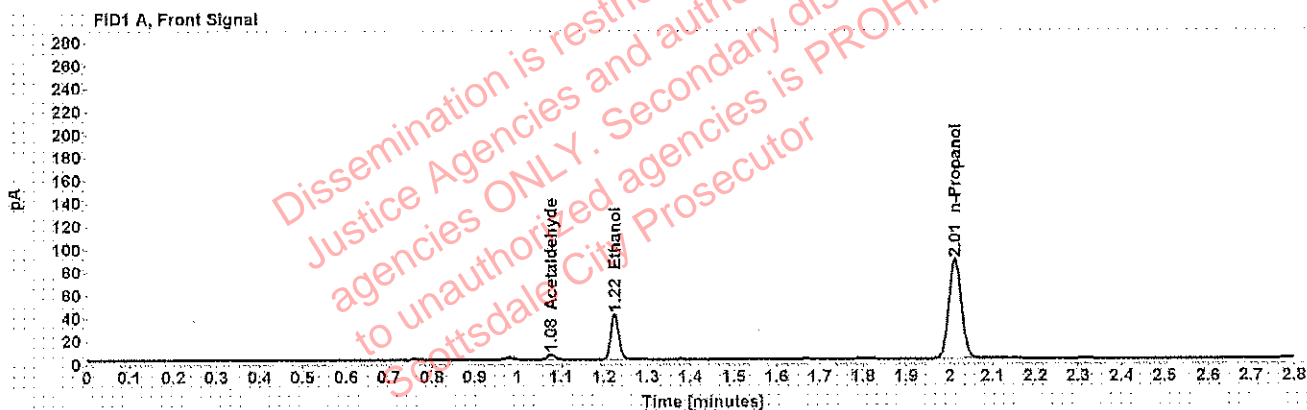


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.708
>Ethanol	0.0793	1.224	50.832
n-Propanol	-----	2.013	176.768

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.936
Ethanol	1.345	59.886
n-Propanol	2.375	206.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201556
Injection date: 4/2/2018 11:25:06 AM	Vial: 24
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\24.D	

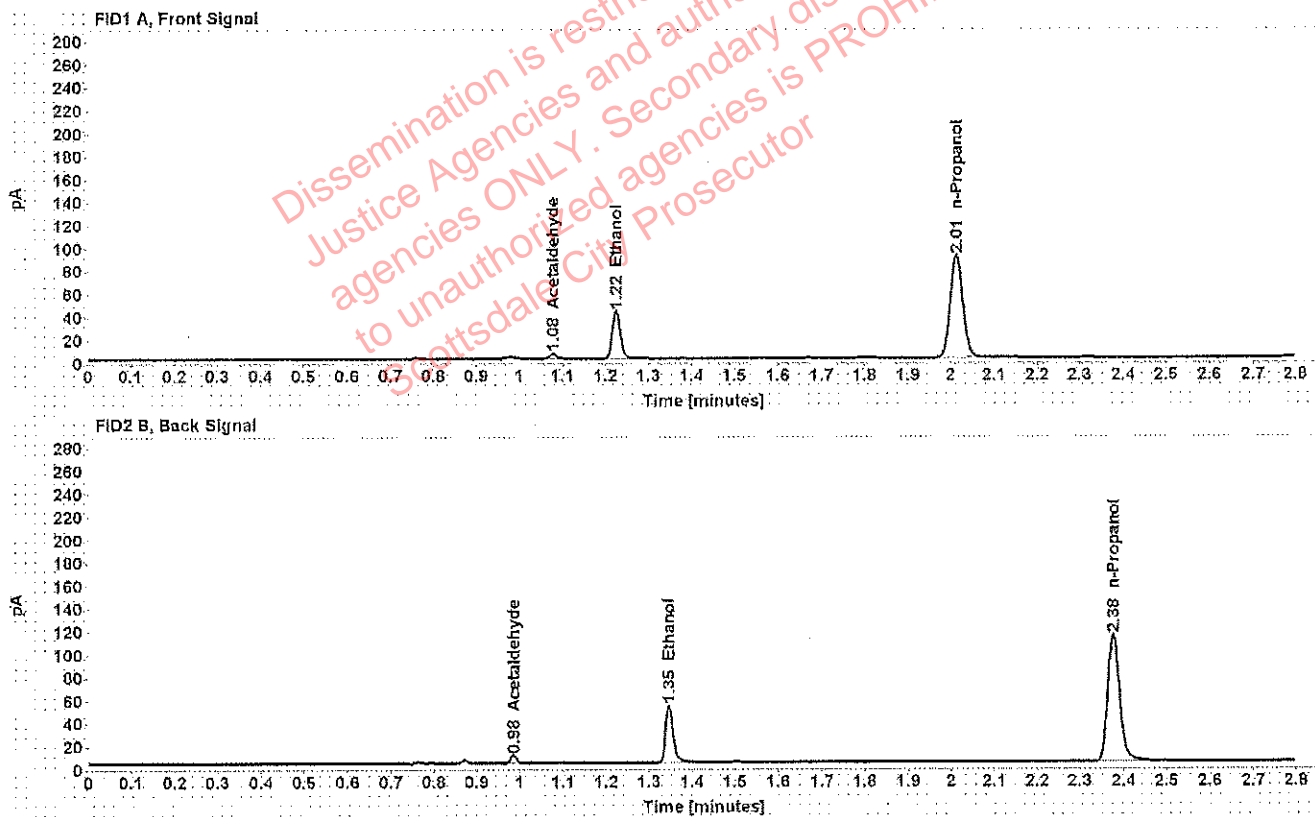


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.738
>Ethanol	0.0603	1.224	53.050
n-Propanol	-----	2.013	182.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	5.926
Ethanol	1.346	61.595
n-Propanol	2.376	213.364

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201543
Injection date: 4/2/2018 11:29:20 AM	Vial: 25
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Apr18\25.D	

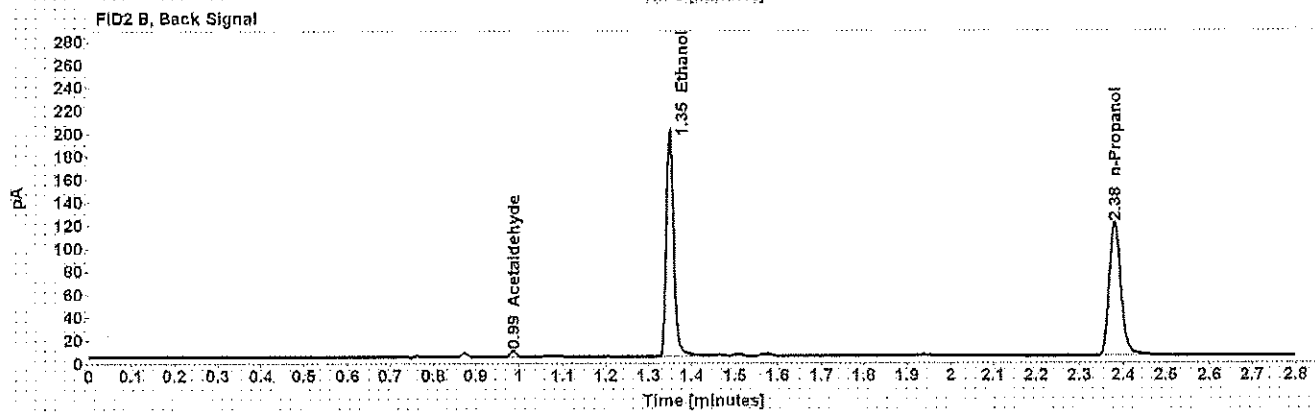
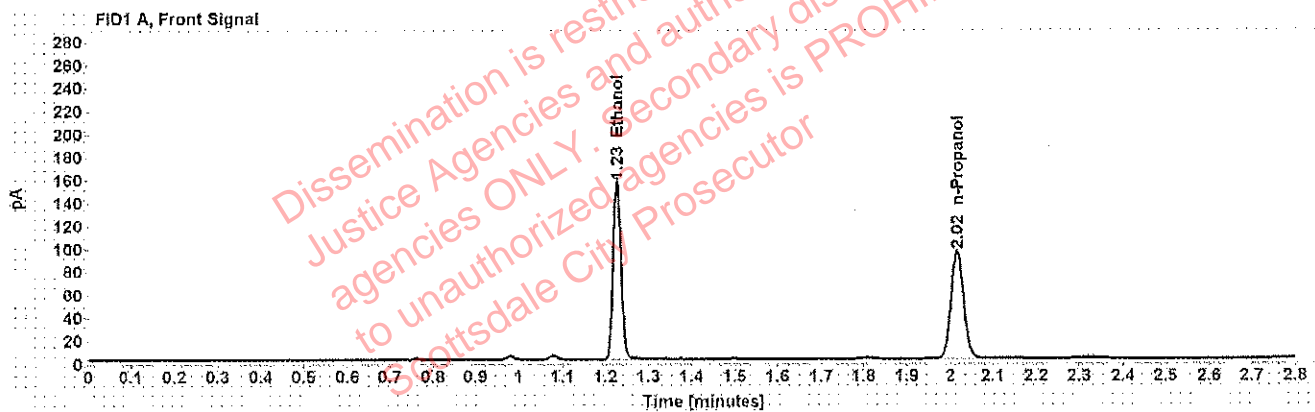


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2857	1.227	200.929
n-Propanol	-----	2.016	191.870

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	4.498
Ethanol	1.349	240.528
n-Propanol	2.380	225.040

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201543
Injection date: 4/2/2018 11:33:20 AM	Vial: 26
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\26.D	

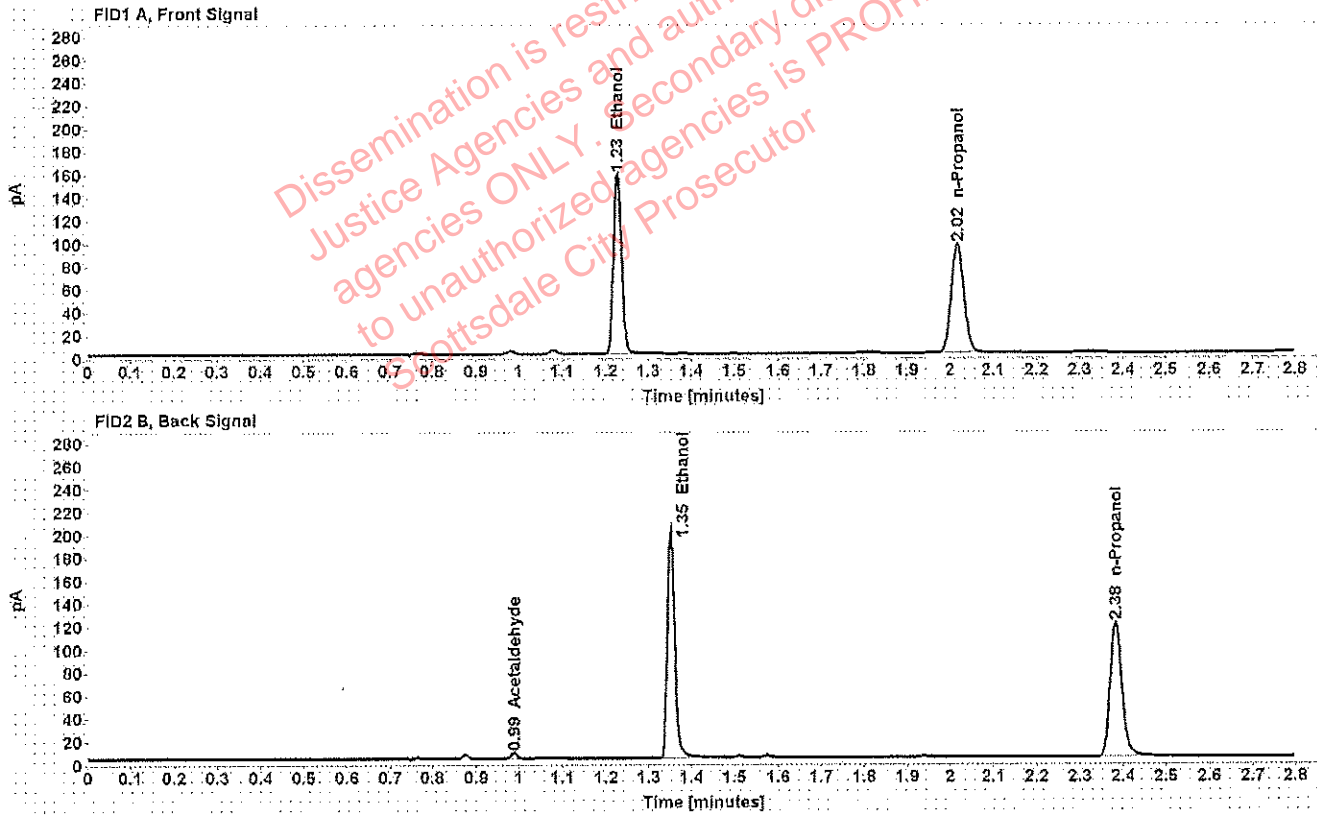


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2886	1.228	204.485
n-Propanol	-----	2.018	193.267

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.546
Ethanol	1.352	245.230
n-Propanol	2.382	227.924

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201554
Injection date: 4/2/2018 11:37:20 AM	Vial: 27
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\27.D	

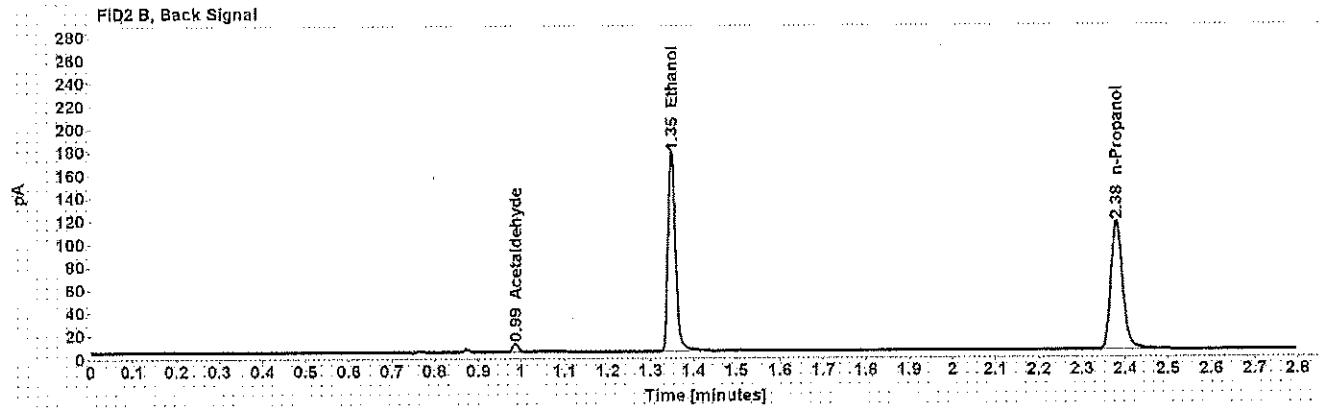
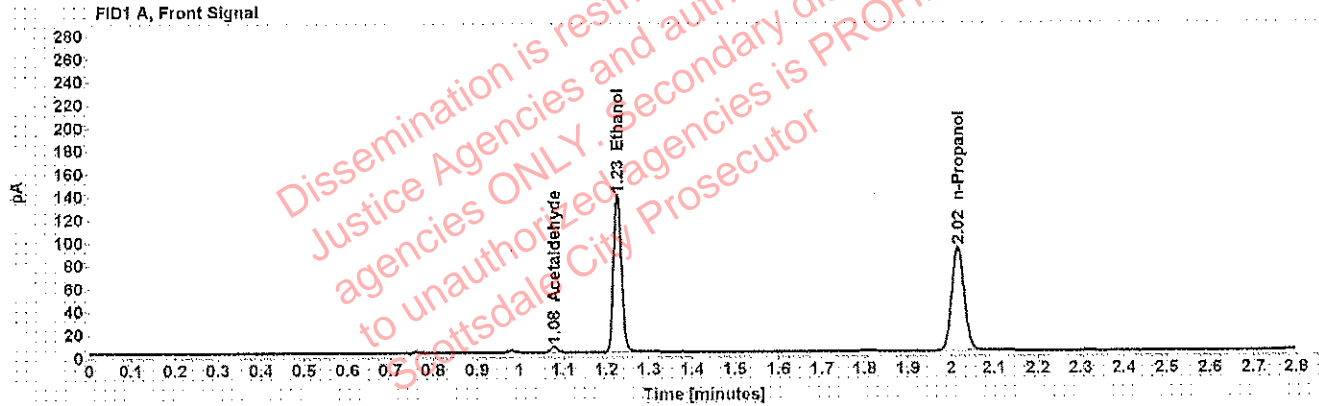


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	5.174
>Ethanol	0.2618	1.226	177.519
n-Propanol	-----	2.016	185.114

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.546
Ethanol	1.349	210.790
n-Propanol	2.380	217.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201554
Injection date: 4/2/2018 11:41:20 AM	Vial: 28
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\28.D	

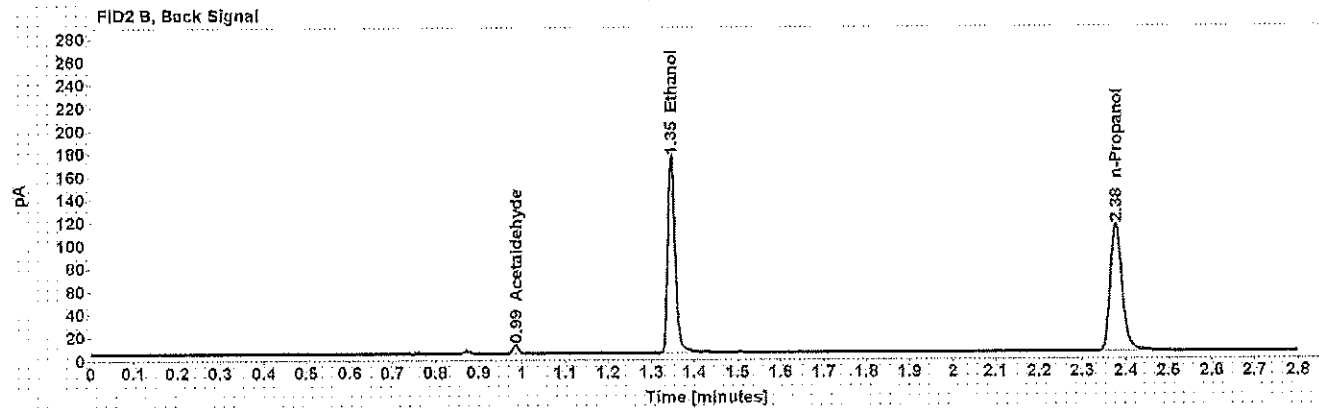
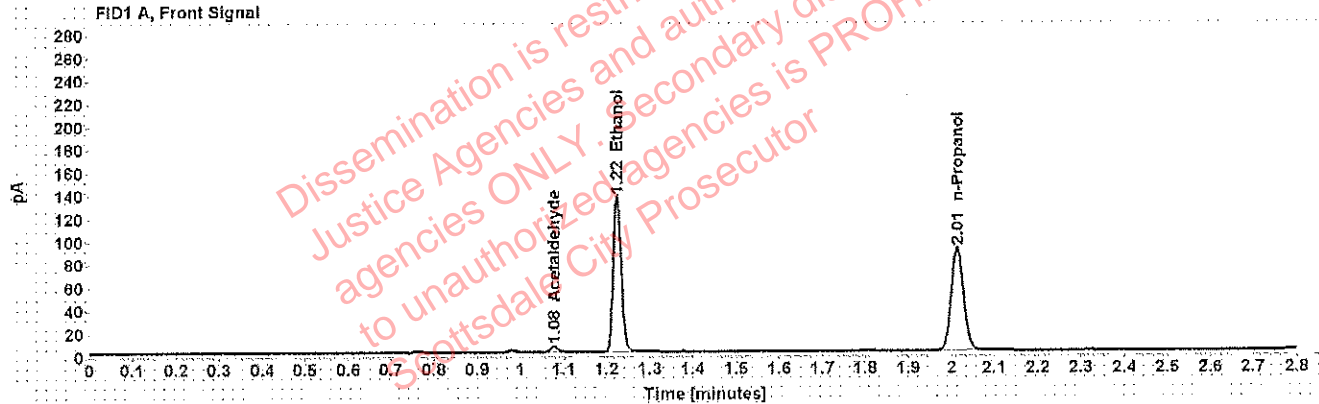


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.224
>Ethanol	0.2602	1.225	174.381
n-Propanol	-----	2.014	182.950

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.498
Ethanol	1.346	207.025
n-Propanol	2.377	214.857

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201141
Injection date: 4/2/2018 11:45:21 AM	Vial: 29
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\11\Data\2Apr18\29.D	

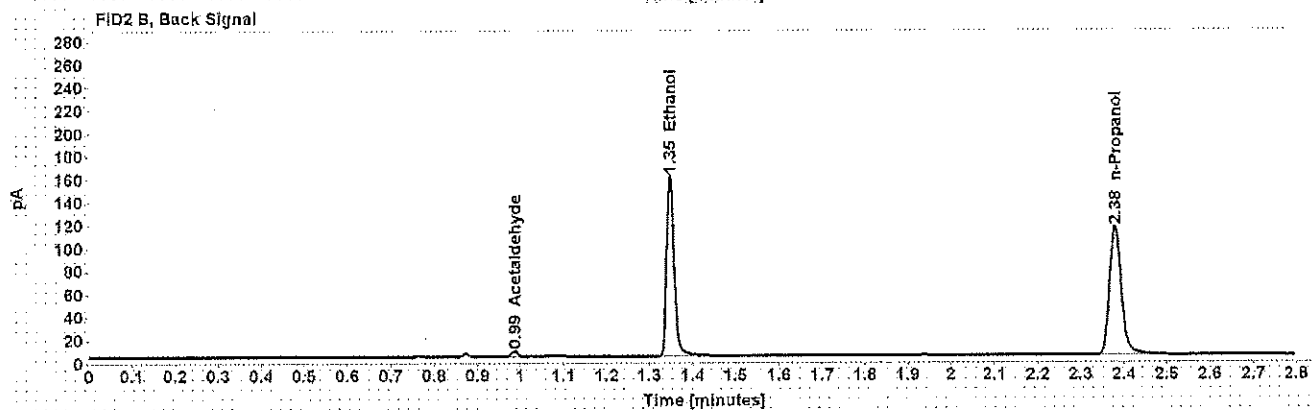
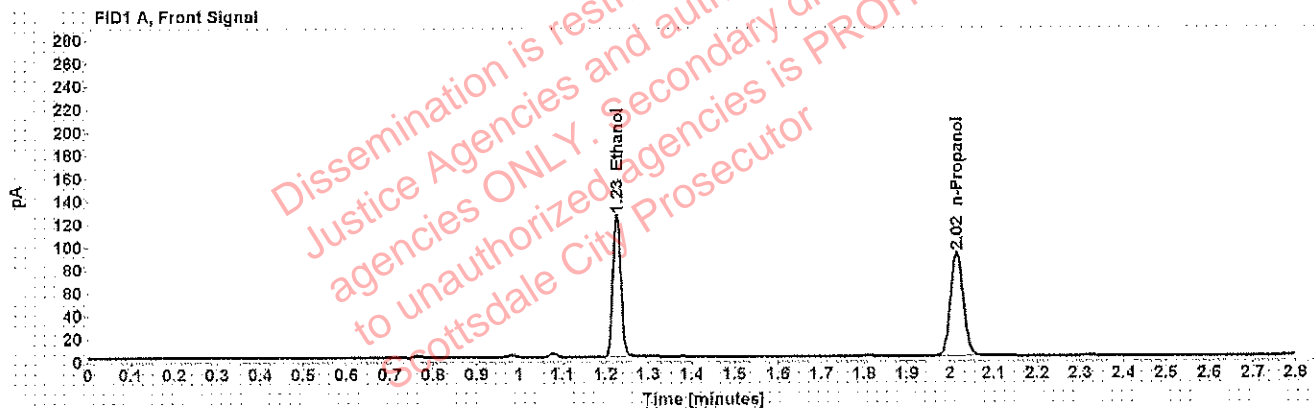


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2378	1.226	160.613
n-Propanol	-----	2.016	184.467

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.373
Ethanol	1.348	190.531
n-Propanol	2.379	216.001

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201141
Injection date: 4/2/2018 11:49:20 AM	Vial: 30
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\30.D	

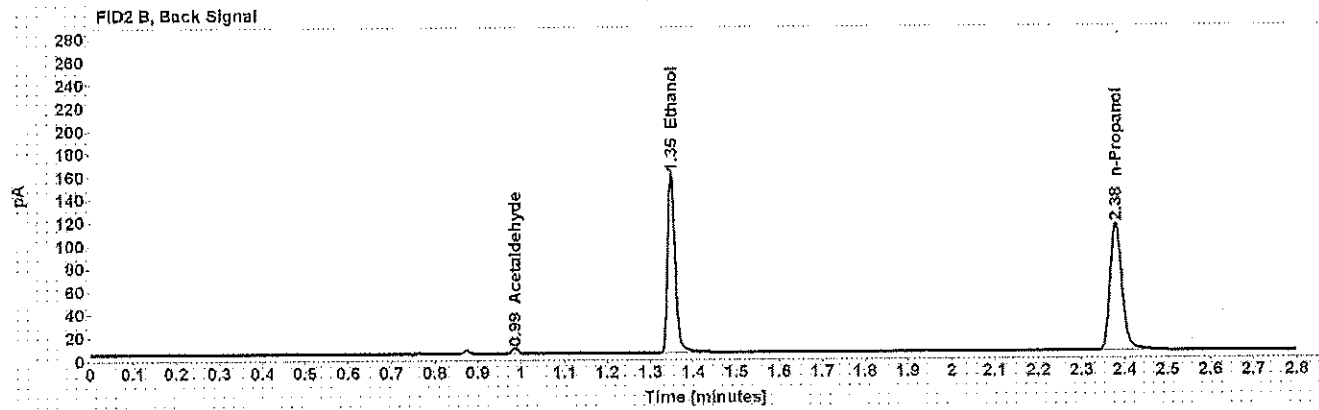
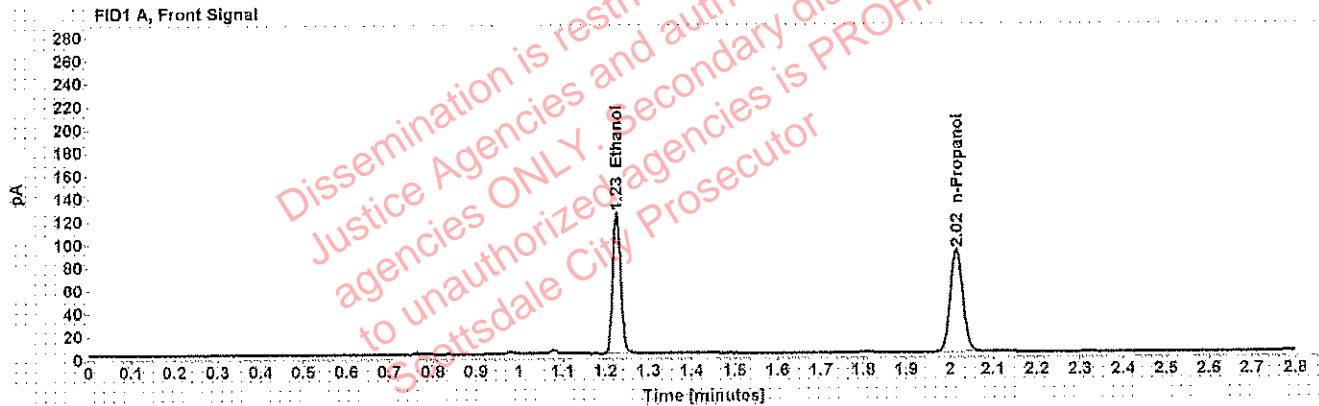


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2390	1.226	159.778
n-Propanol	-----	2.016	182.534

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	4.286
Ethanol	1.349	189.460
n-Propanol	2.379	213.898

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1200912
Injection date: 4/2/2018 11:57:34 AM	Vial: 32
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\32.D	

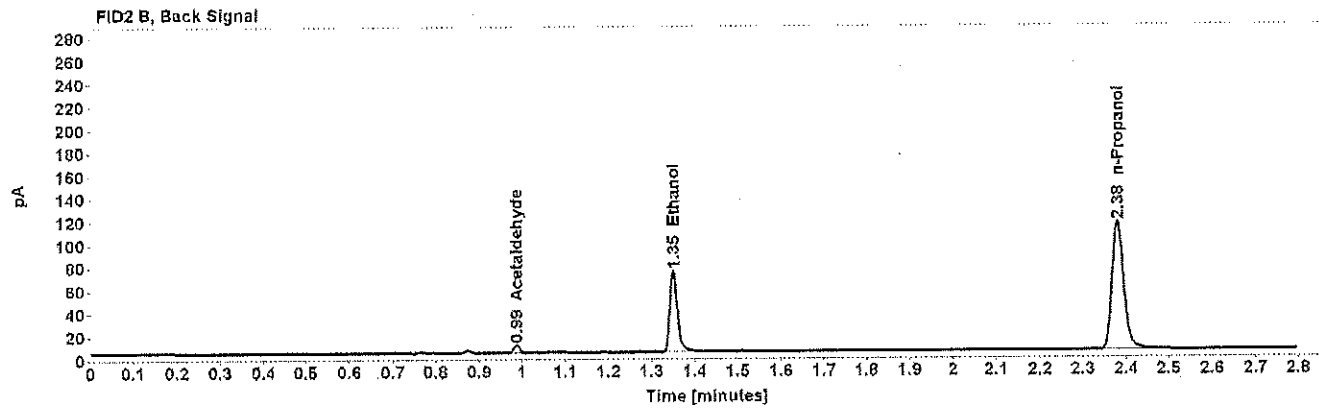
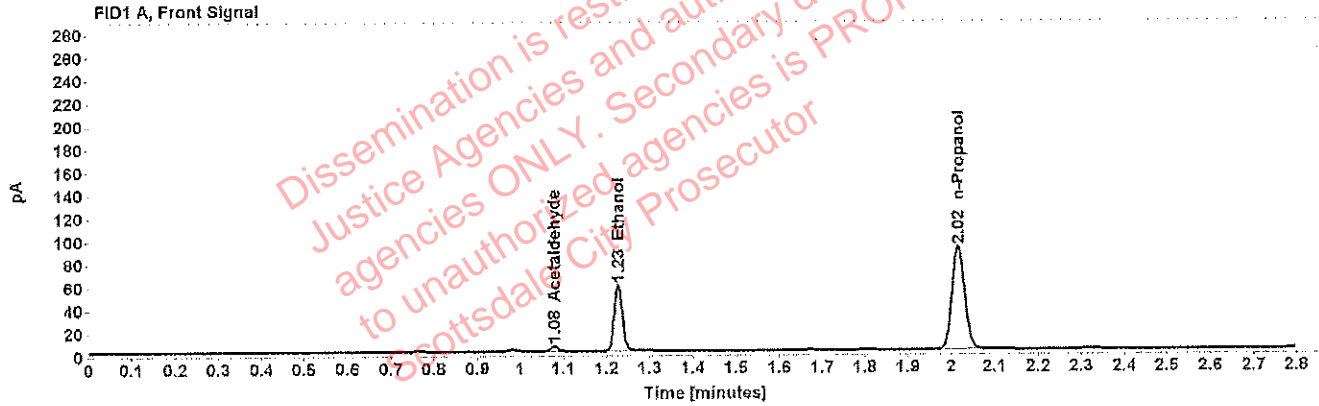


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.825
>Ethanol	0.1113	1.227	74.502
n-Propanol	-----	2.016	183.894

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.047
Ethanol	1.350	87.188
n-Propanol	2.380	215.380

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1200912
Injection date: 4/2/2018 12:01:36 PM	Vial: 33
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\33.D	

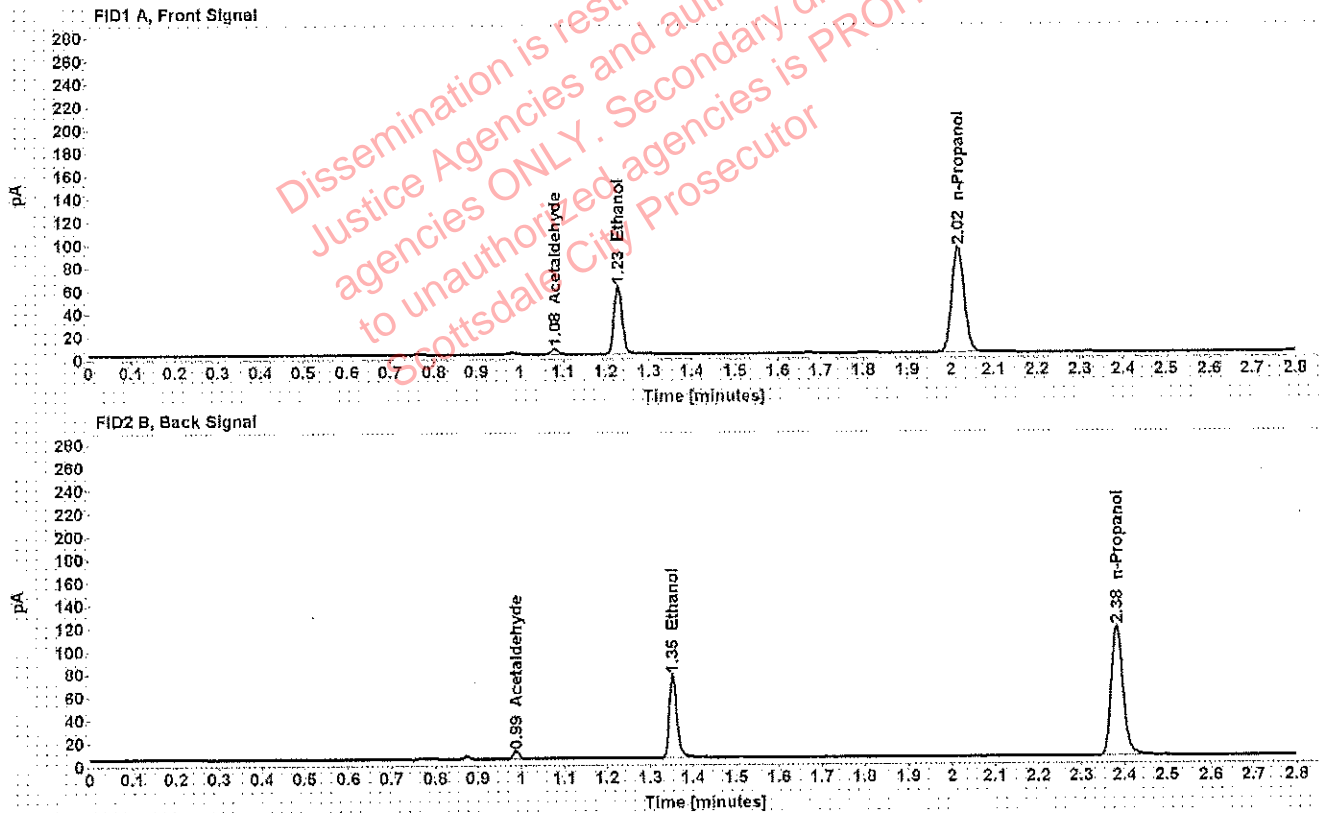


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.931
>Ethanol	0.1125	1.228	76.778
n-Propanol	-----	2.017	187.375

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	6.209
Ethanol	1.352	90.109
n-Propanol	2.382	219.527

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201115
Injection date: 4/2/2018 12:05:34 PM	Vial: 34
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\34.D	

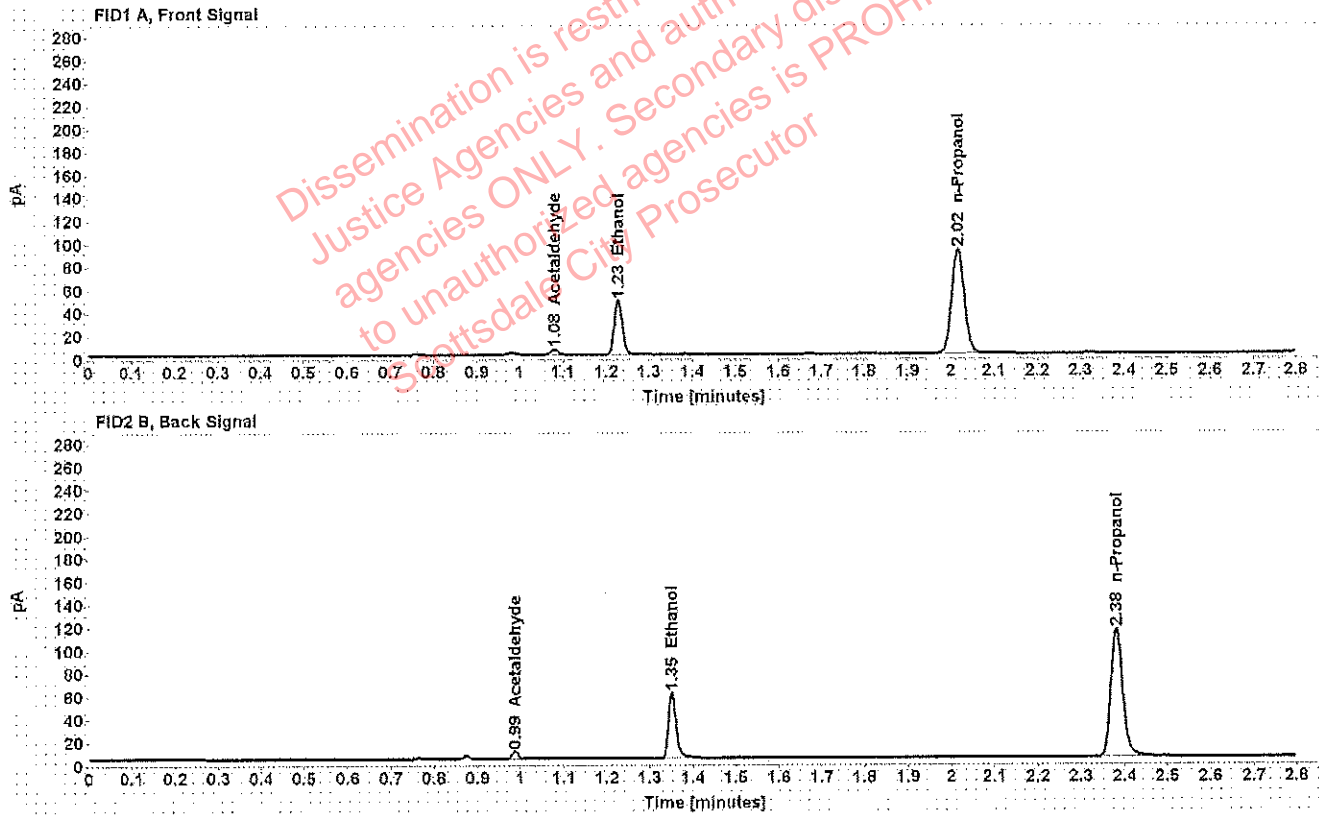


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.865
>Ethanol	0.0904	1.228	60.916
n-Propanol	-----	2.017	185.622

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.090
Ethanol	1.351	71.269
n-Propanol	2.381	217.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1201115
Injection date: 4/2/2018 12:09:34 PM	Vial: 35
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\35.D	

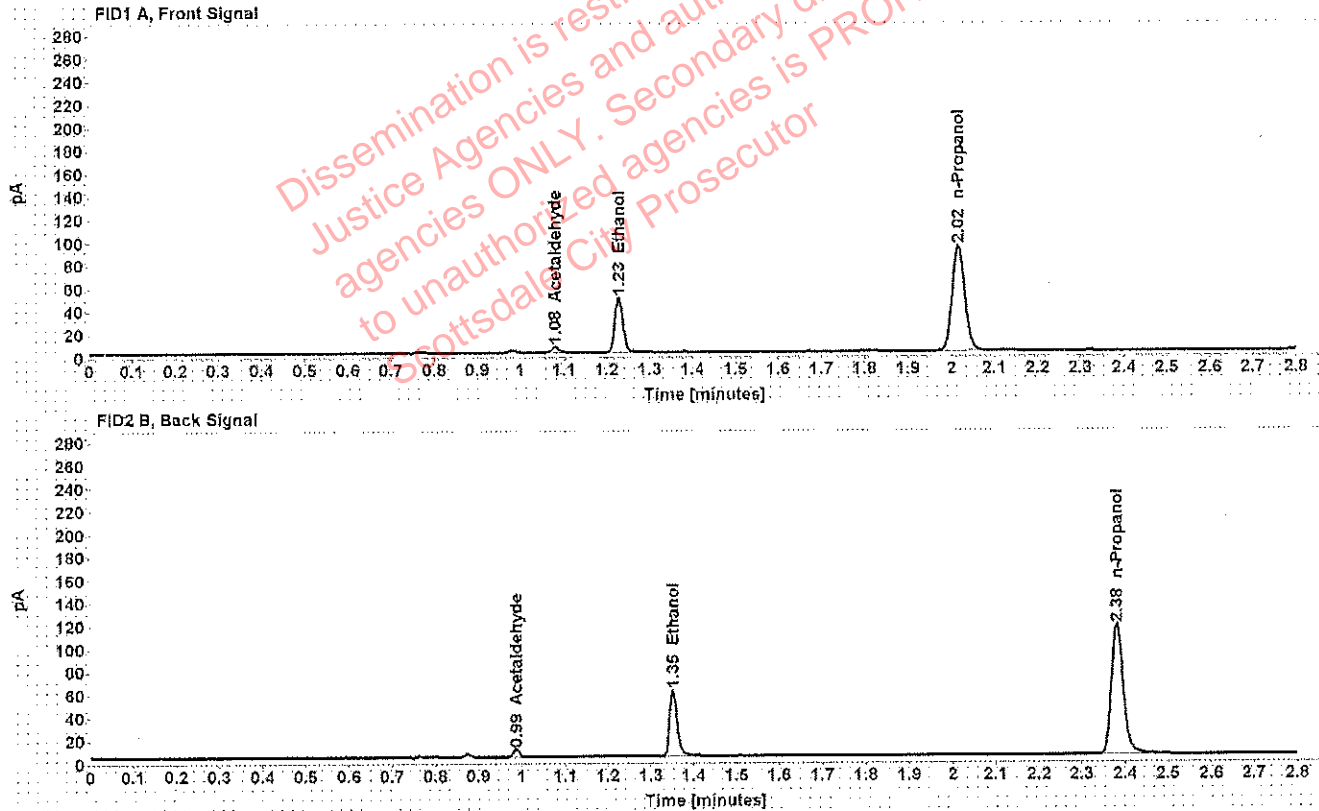


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.080	4.923
>Ethanol	0.0908	1.228	61.702
n-Propanol	-----	2.017	187.146

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.987	6.147
Ethanol	1.351	71.793
n-Propanol	2.381	219.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182726
Injection date: 4/2/2018 12:13:34 PM	Vial: 36
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\36.D	

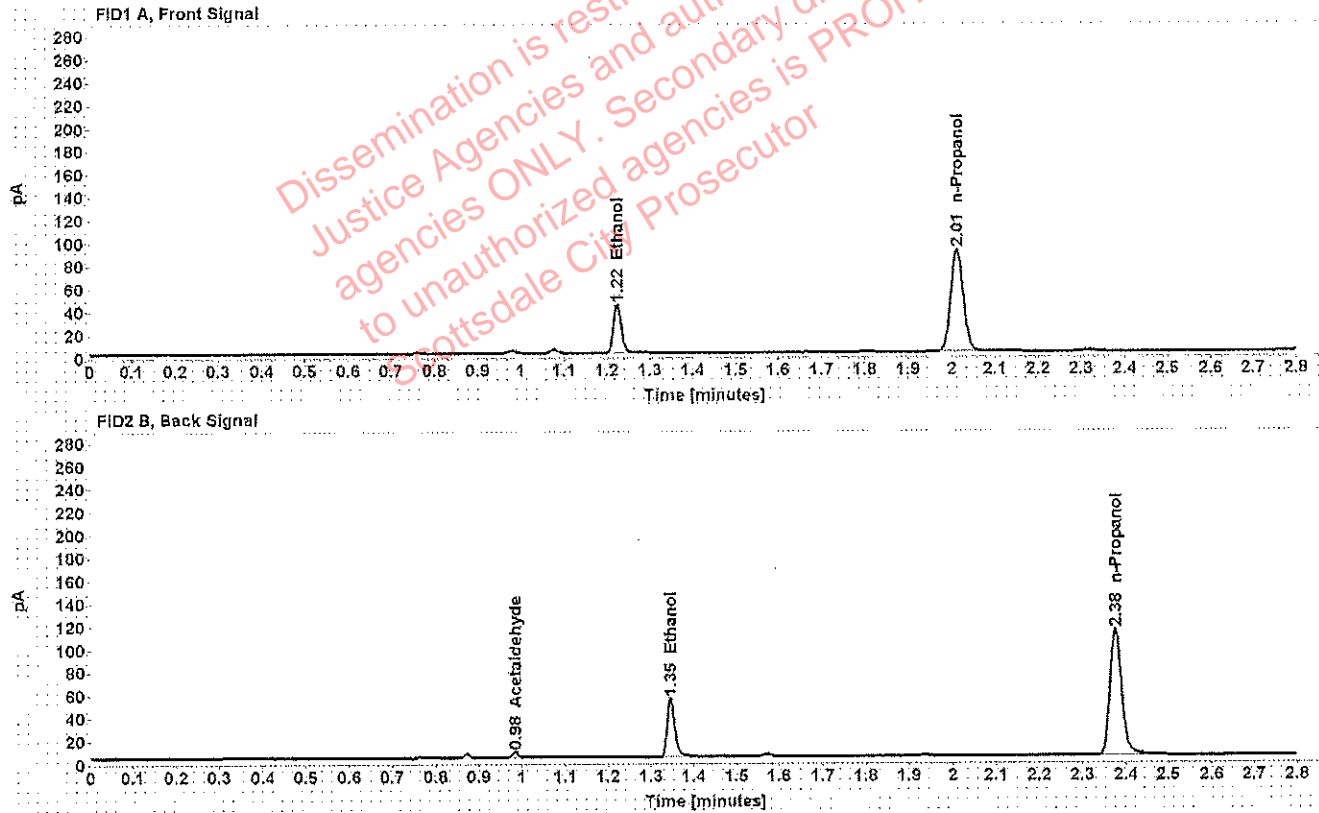


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0823	1.224	54.103
n-Propanol	-----	2.013	181.235

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	4.252
Ethanol	1.346	63.165
n-Propanol	2.376	213.066

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1182726
Injection date: 4/2/2018 12:17:49 PM	Vial: 37
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\37.D	

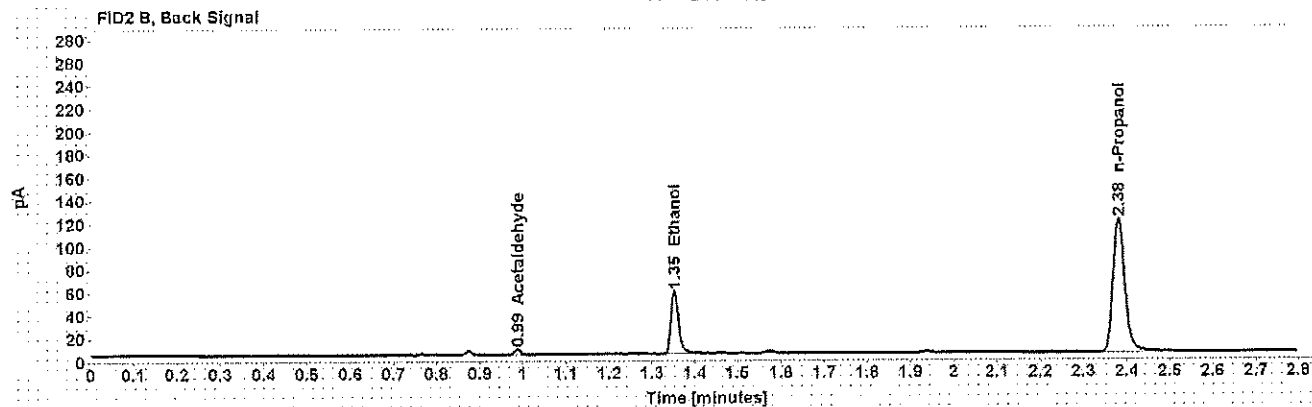
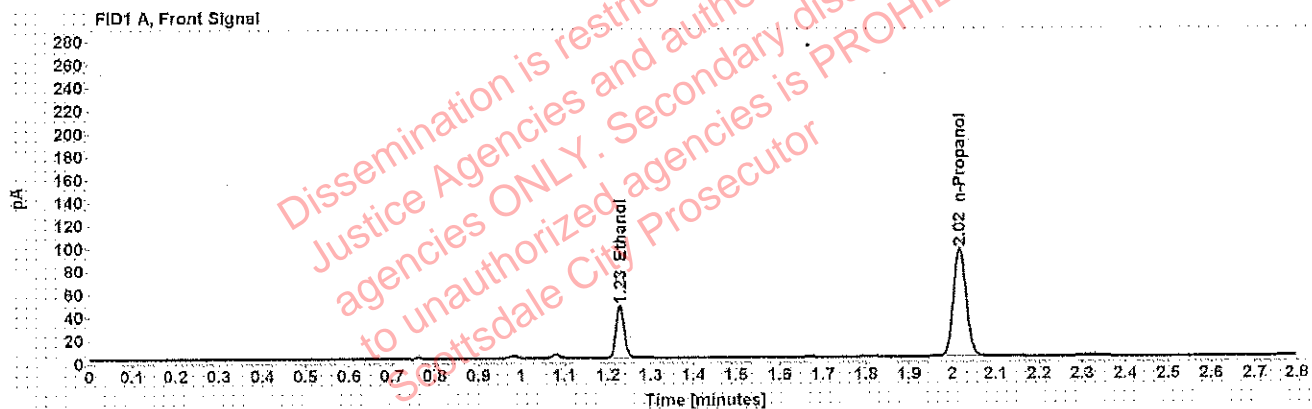


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0842	1.228	58.515
n-Propanol	-----	2.017	191.477

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.313
Ethanol	1.352	68.477
n-Propanol	2.382	225.654

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186022
Injection date: 4/2/2018 12:21:52 PM	Vial: 38
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\38.D	

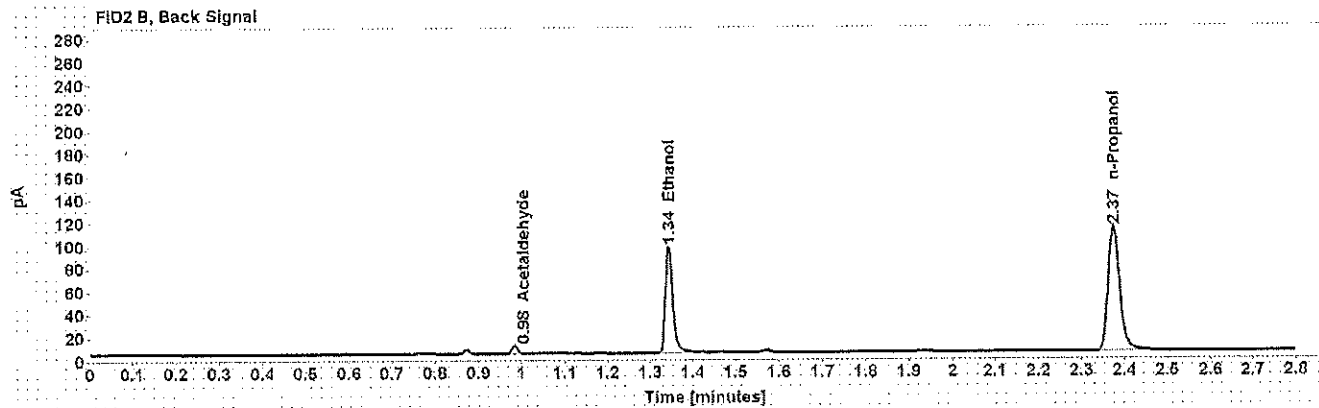
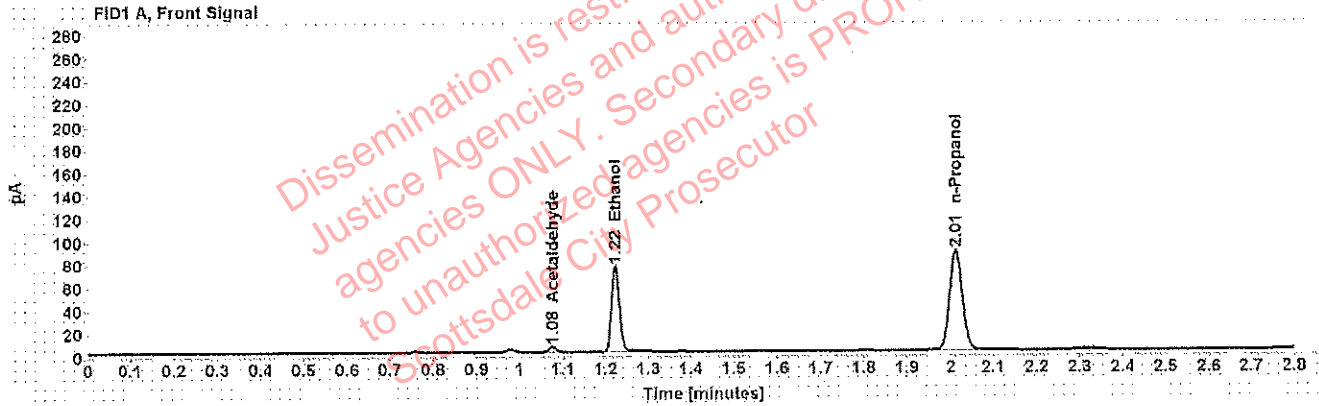


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.867
>Ethanol	0.1464	1.223	95.793
n-Propanol	-----	2.013	179.256

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.104
Ethanol	1.344	114.937
n-Propanol	2.375	209.648

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1186022
Injection date: 4/2/2018 12:25:51 PM	Vial: 39
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\39.D	

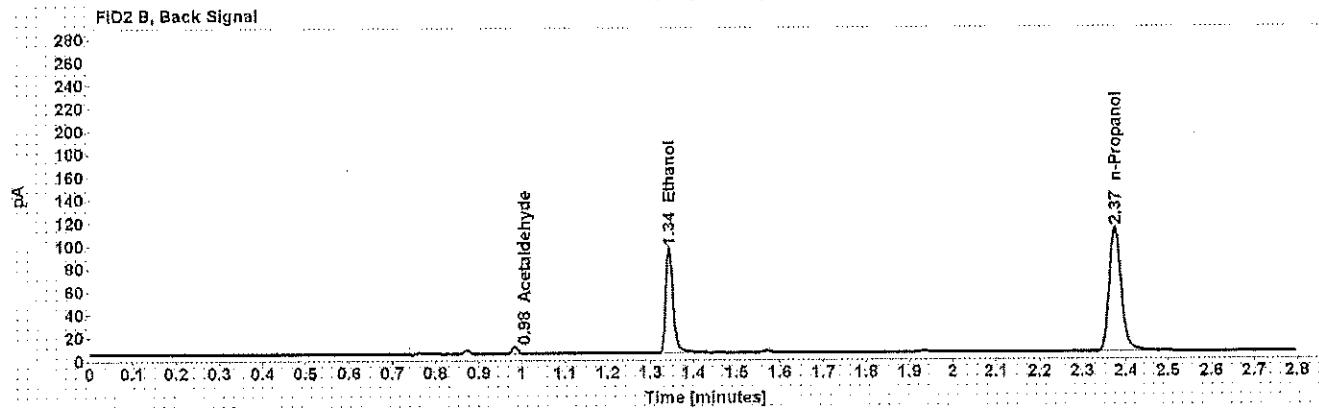
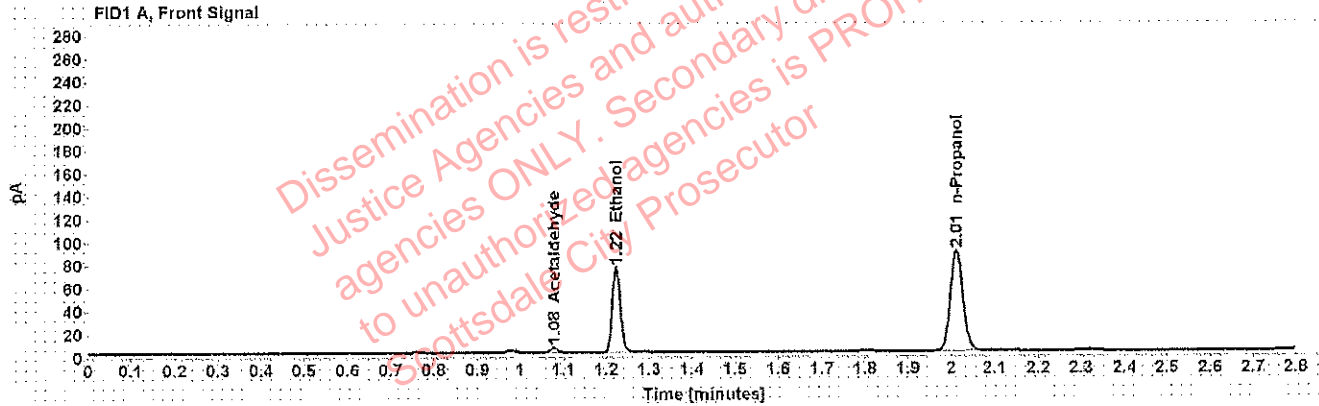


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.443
>Ethanol	0.1465	1.223	95.084
n-Propanol	-----	2.012	177.775

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.568
Ethanol	1.344	113.789
n-Propanol	2.375	209.257

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205434
Injection date: 4/2/2018 12:29:53 PM	Vial: 40
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\40.D	

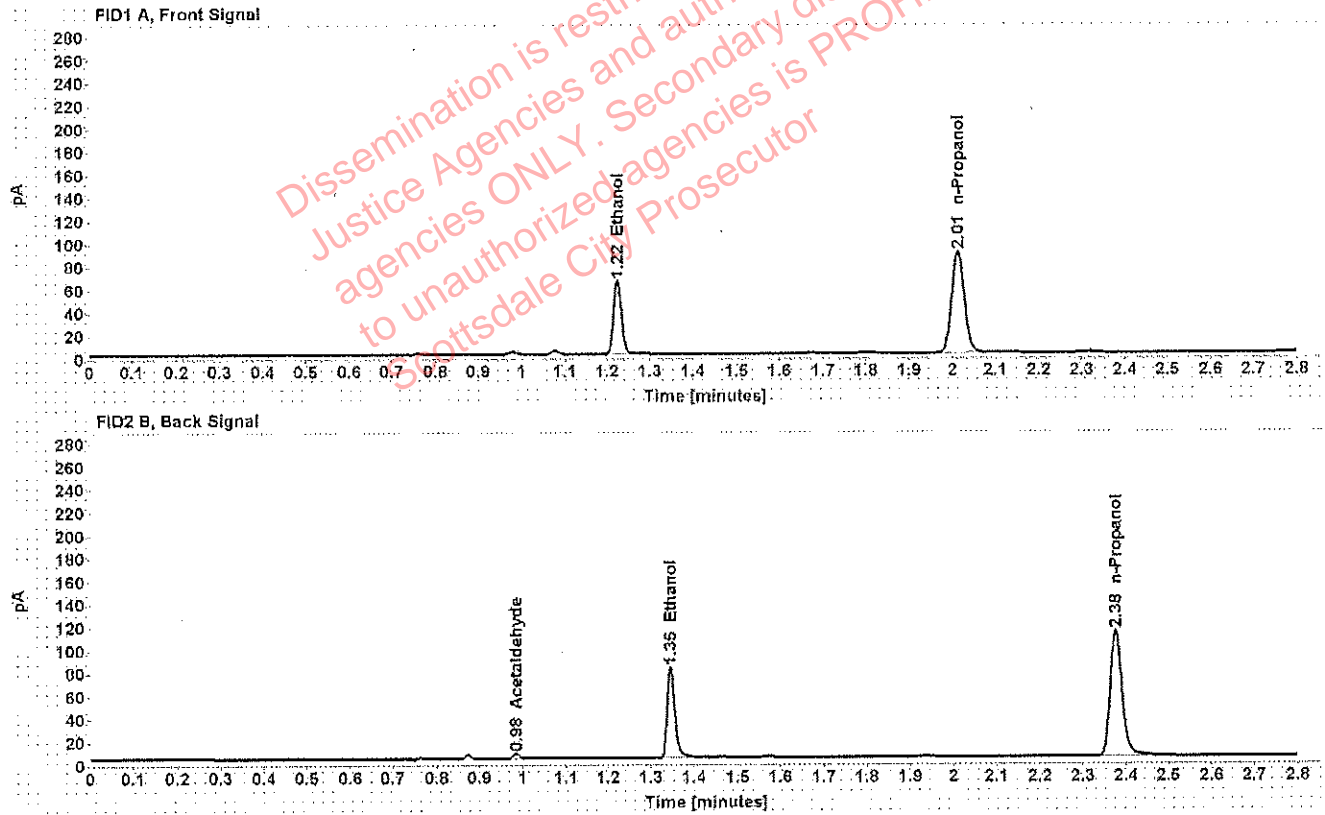


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1254	1.224	82.561
n-Propanol	-----	2.014	180.567

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	3.806
Ethanol	1.346	98.527
n-Propanol	2.377	212.800

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205434
Injection date: 4/2/2018 12:33:50 PM	Vial: 41
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\41.D	

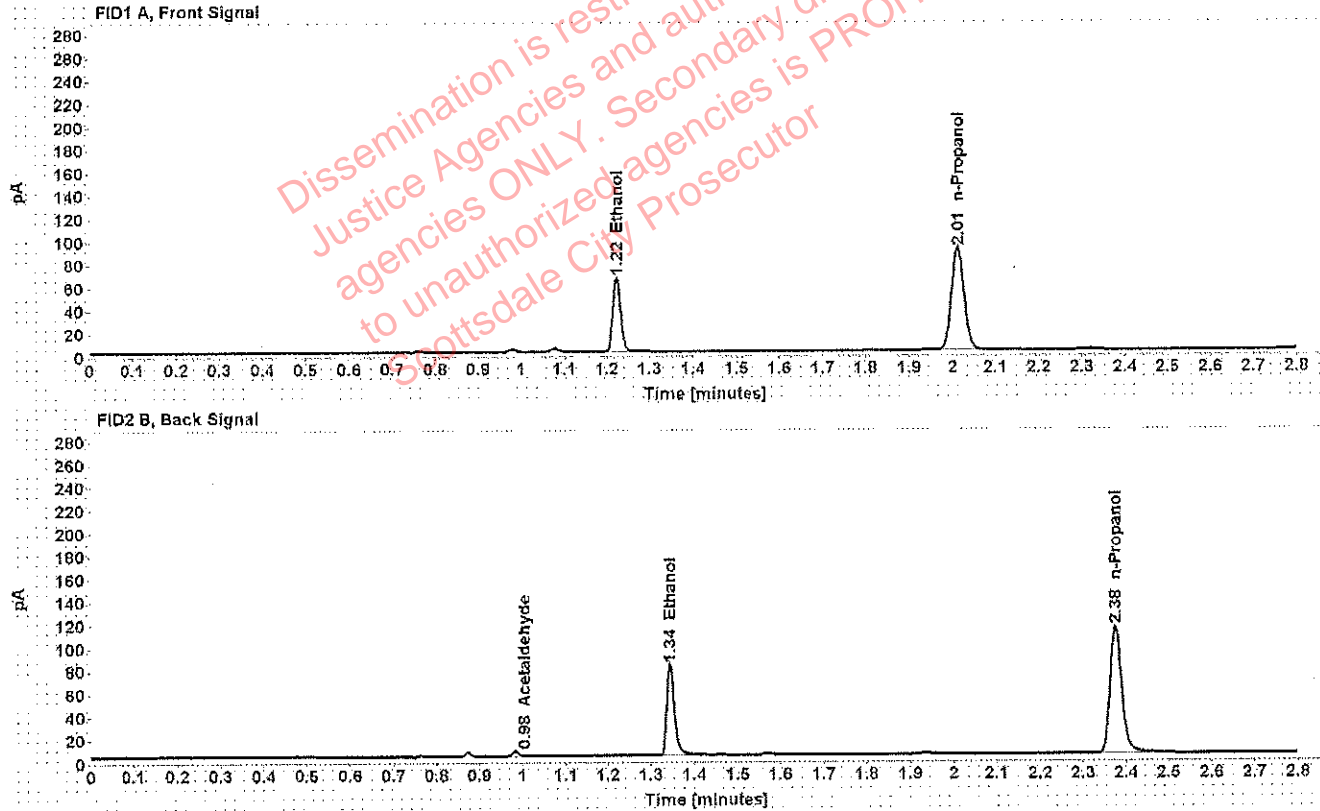


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1246	1.223	82.664
n-Propanol	-----	2.013	181.971

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	3.960
Ethanol	1.345	99.030
n-Propanol	2.375	214.296

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206043
Injection date: 4/2/2018 12:42:04 PM	Vial: 43
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\43.D	

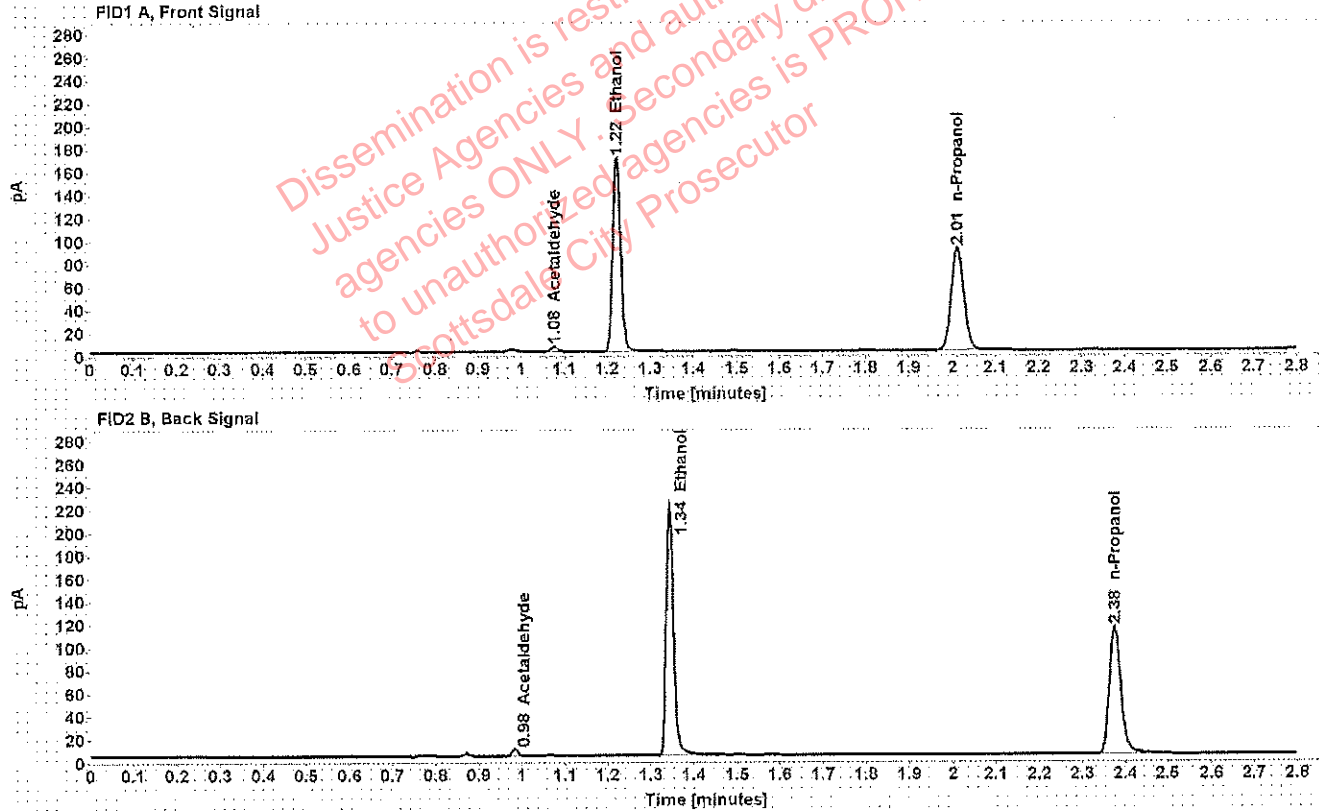


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.353
>Ethanol	0.3245	1.223	216.945
n-Propanol	-----	2.013	182.353

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.485
Ethanol	1.343	258.981
n-Propanol	2.375	215.200

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206043
Injection date: 4/2/2018 12:46:06 PM	Vial: 44
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\44.D	

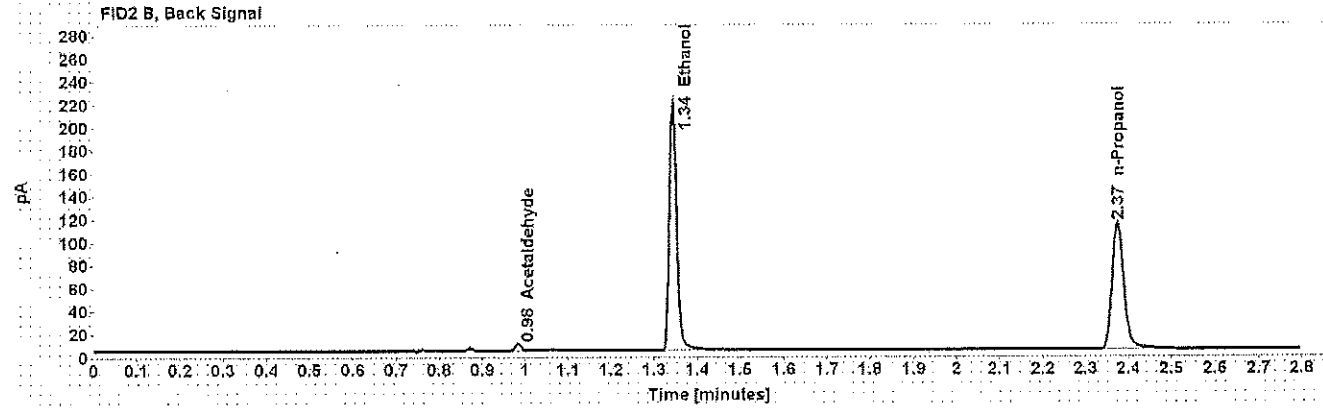
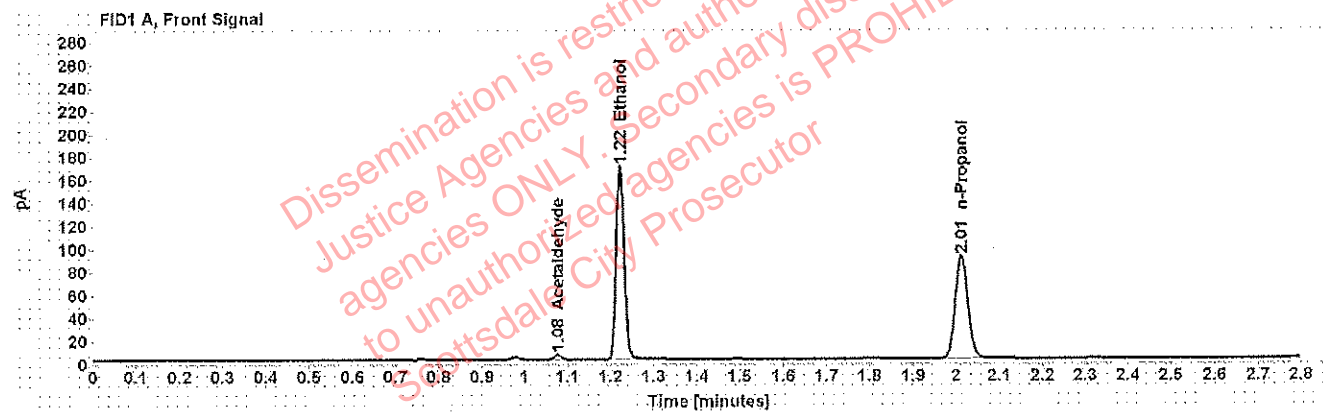


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.423
>Ethanol	0.3235	1.223	216.332
n-Propanol	-----	2.012	182.393

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	5.575
Ethanol	1.343	258.326
n-Propanol	2.375	214.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205606
Injection date: 4/2/2018 12:50:06 PM	Vial: 45
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\45.D	

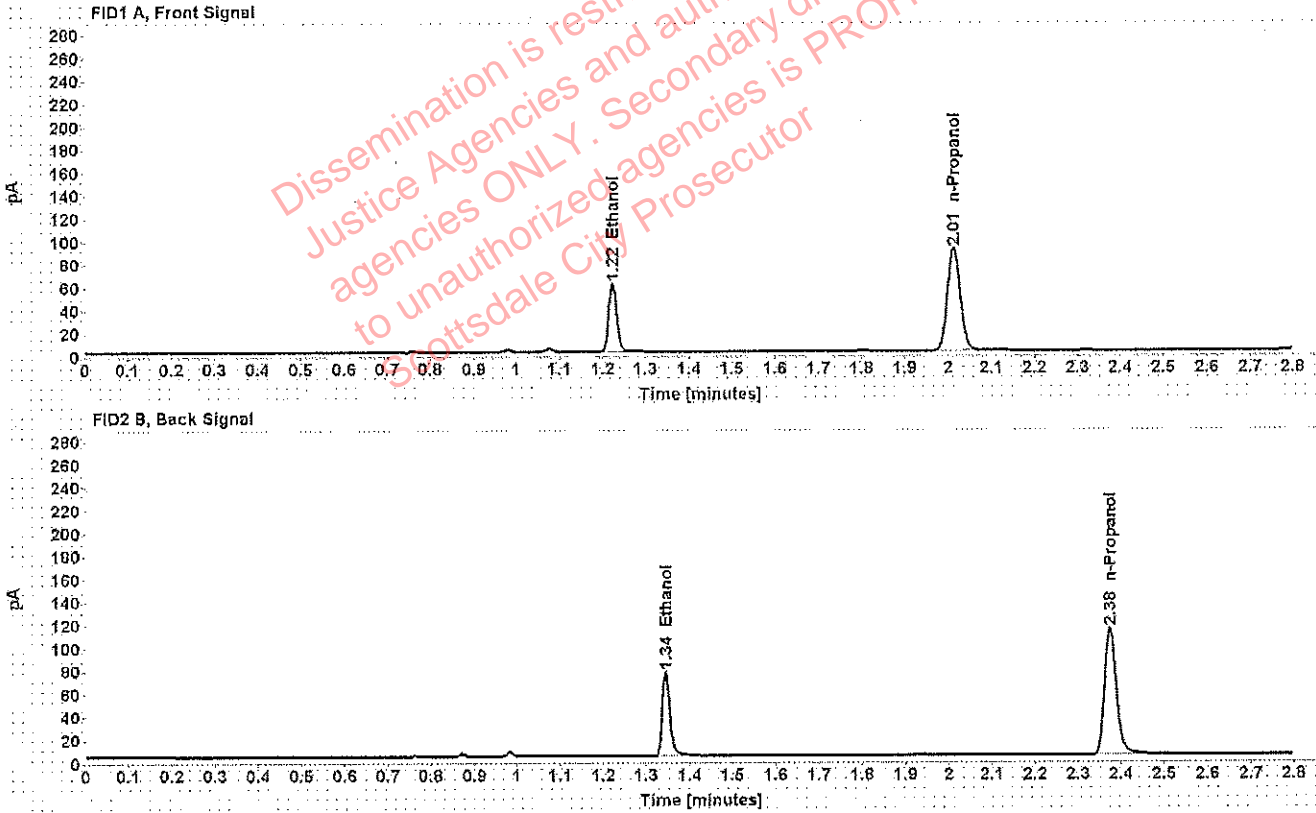


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1157	1.223	76.573
n-Propanol	-----	2.013	181.757

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

Compound	Time (min)	Peak Area
Ethanol	1.345	90.114
n-Propanol	2.375	213.702

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1205606
Injection date: 4/2/2018 12:54:06 PM	Vial: 46
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\46.D	

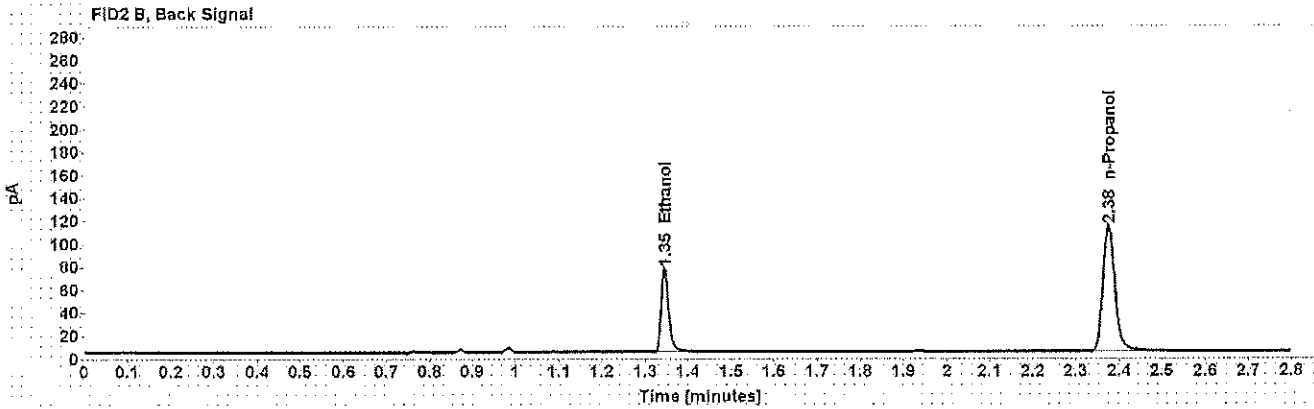
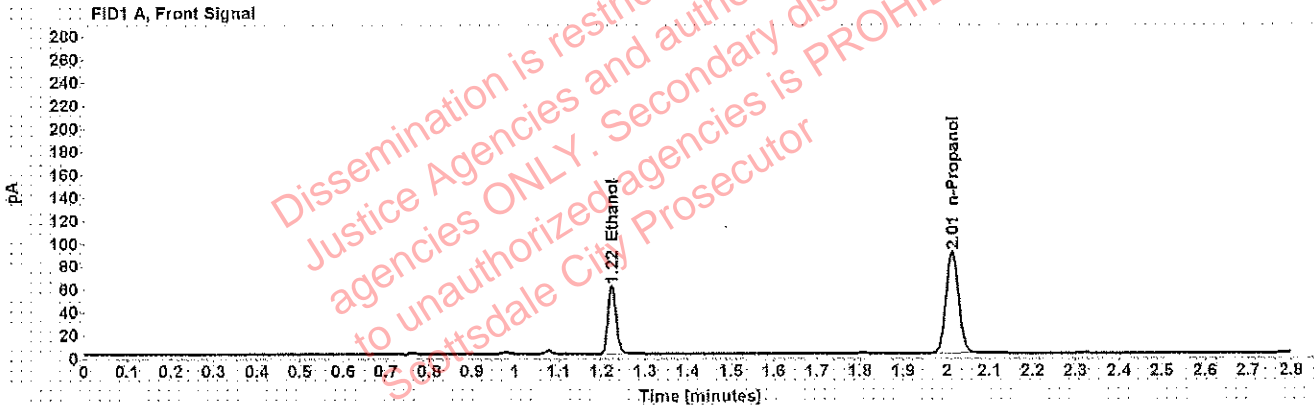


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1158	1.224	76.114
n-Propanol	-----	2.013	180.480

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

Compound	Time (min)	Peak Area
Ethanol	1.345	89.178
n-Propanol	2.376	212.203

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1202011
Injection date: 4/2/2018 12:58:07 PM	Vial: 47
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem3211\Data\2Apr18\47.D	

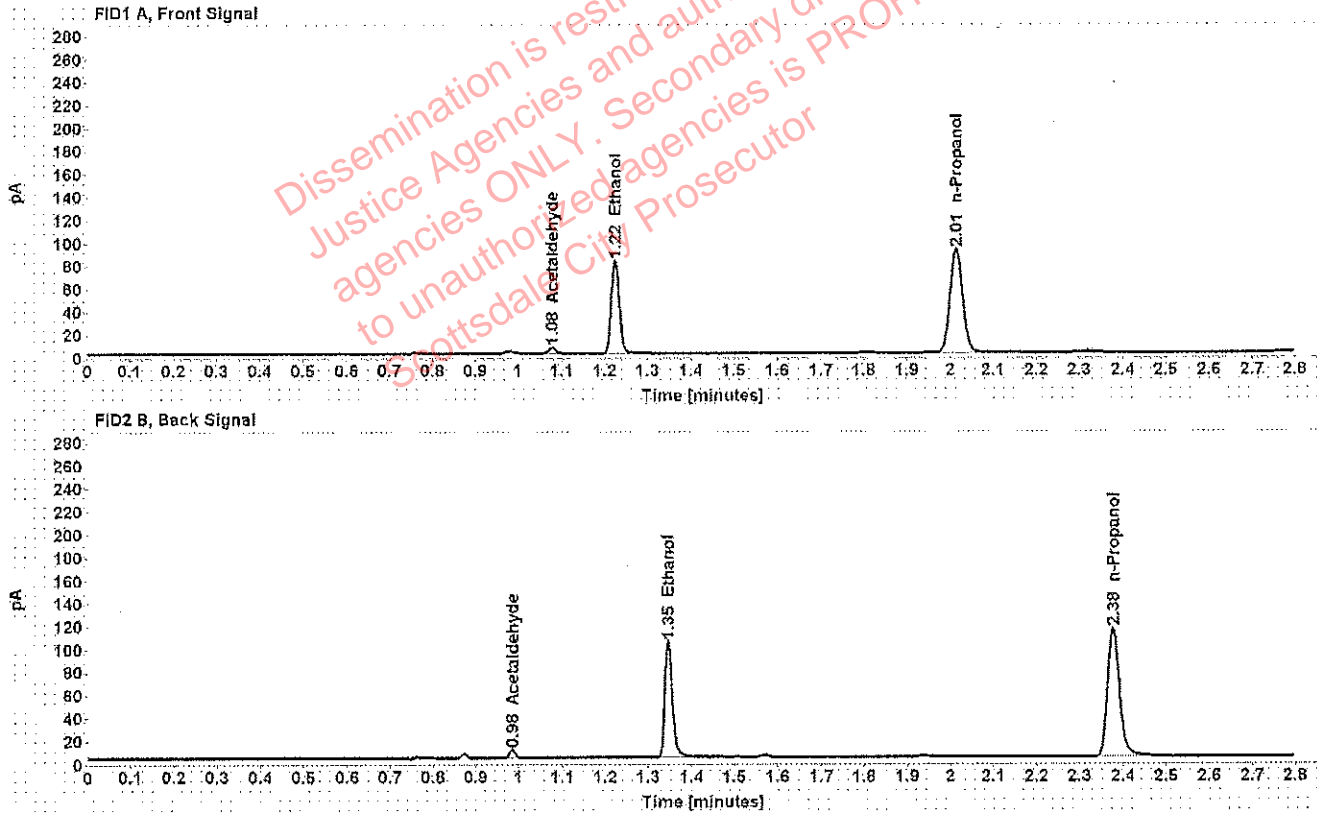


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.078	5.066
>Ethanol	0.1550	1.225	104.634
n-Propanol	-----	2.014	184.809

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.985	6.273
Ethanol	1.346	125.491
n-Propanol	2.377	216.218

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1202011
Injection date: 4/2/2018 1:02:05 PM	Vial: 48
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\48.D	

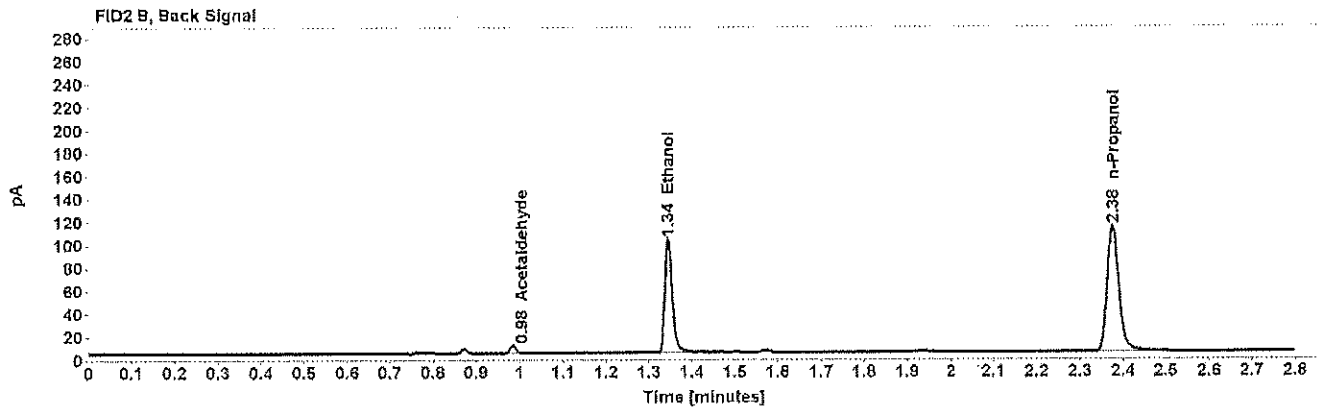
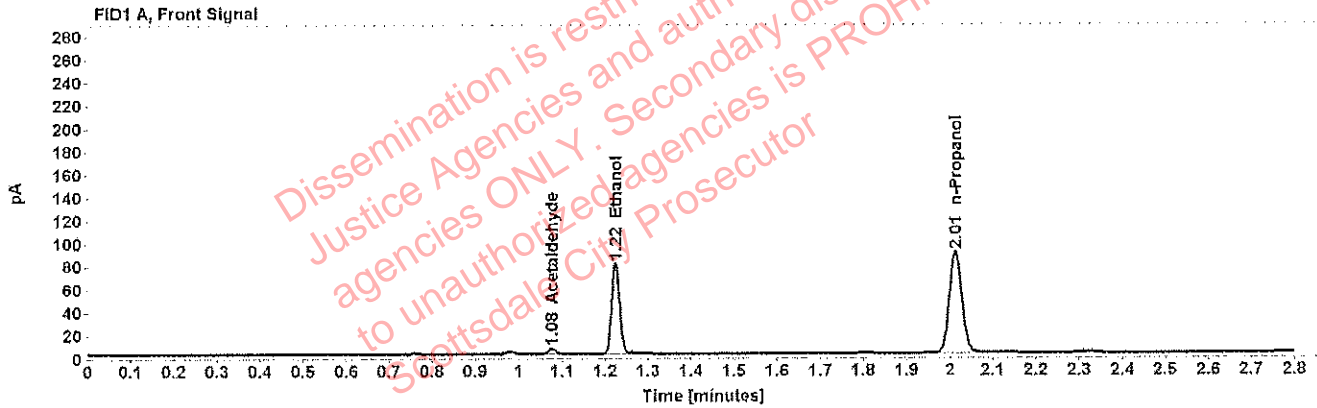


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.077	4.949
>Ethanol	0.1541	1.224	101.984
n-Propanol	-----	2.013	181.203

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	6.193
Ethanol	1.345	122.081
n-Propanol	2.376	212.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204500
Injection date: 4/2/2018 1:06:21 PM	Vial: 49
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\49.D	

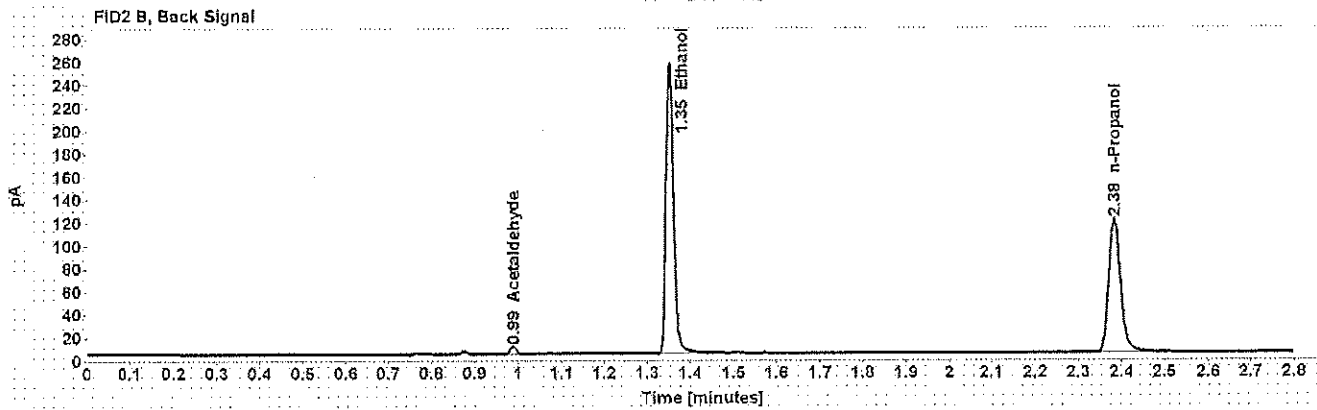
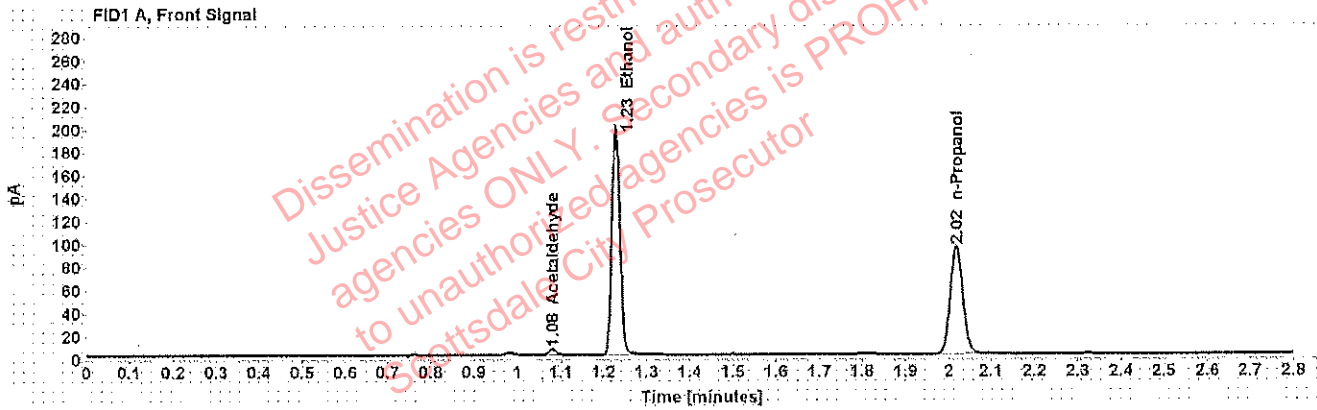


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.081	4.992
>Ethanol	0.3663	1.229	257.108
n-Propanol	-----	2.018	191.325

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	6.260
Ethanol	1.353	307.531
n-Propanol	2.383	225.388

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1204500
Injection date: 4/2/2018 1:10:20 PM	Vial: 50
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\50.D	

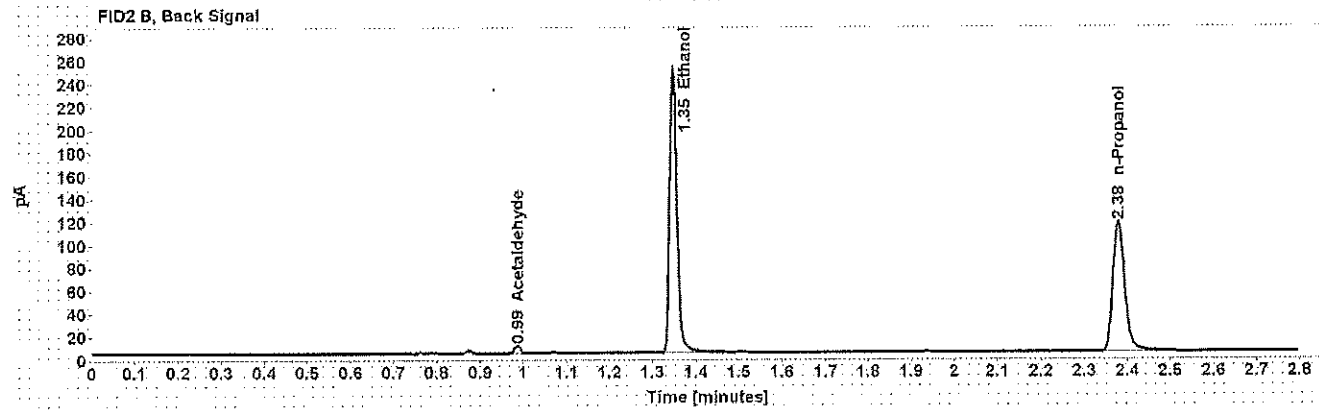
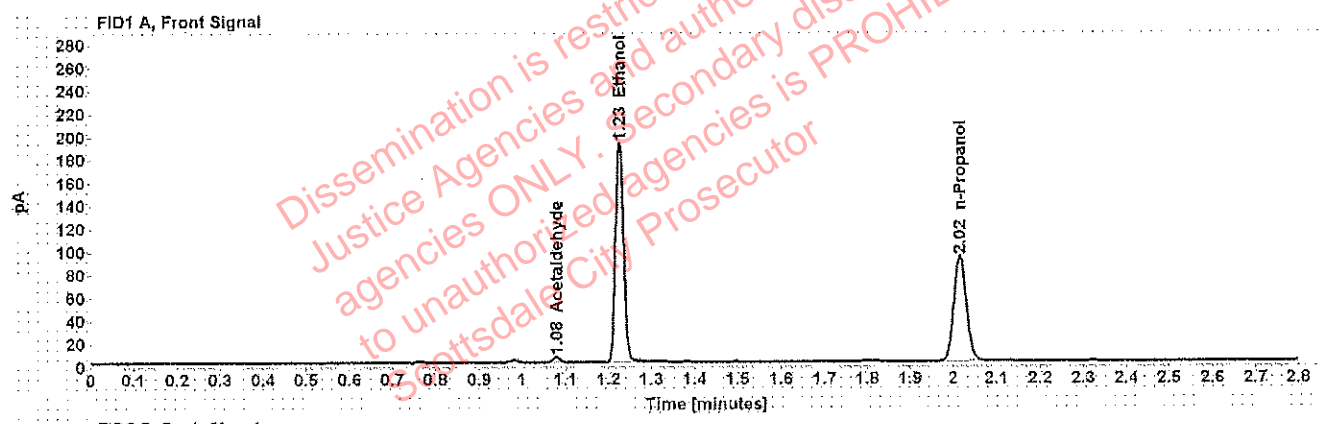


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.079	4.914
>Ethanol	0.3638	1.226	248.618
n-Propanol	-----	2.016	186.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.986	6.177
Ethanol	1.348	298.091
n-Propanol	2.379	219.094

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206040
Injection date: 4/2/2018 1:14:20 PM	Vial: 51
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\51.D	

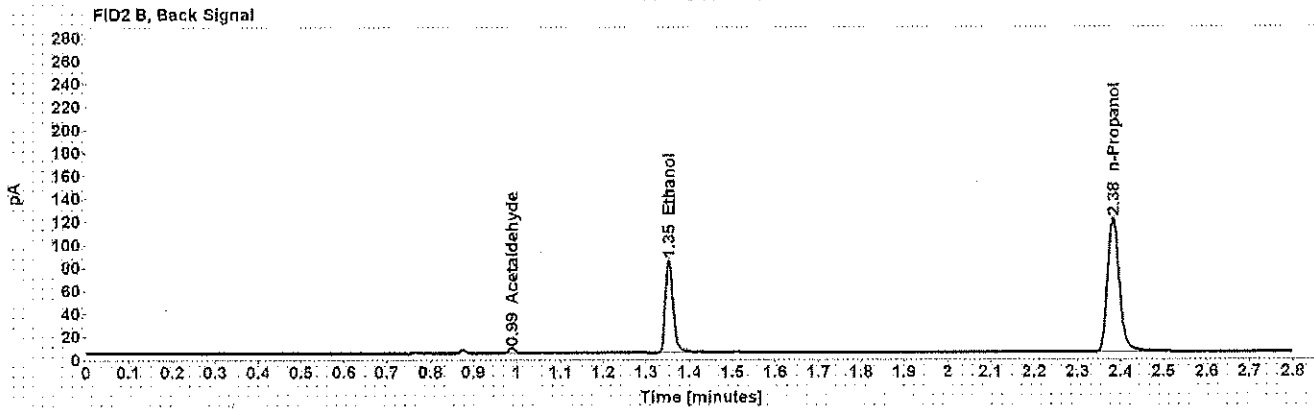
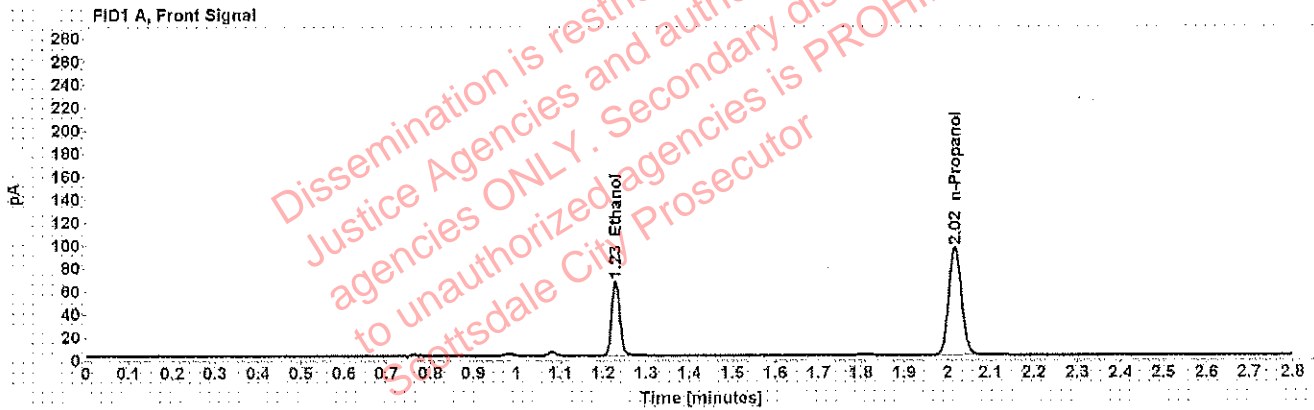


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1211	1.229	85.028
n-Propanol	-----	2.018	192.597

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.208
Ethanol	1.353	100.722
n-Propanol	2.383	226.447

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED]	Item number: 1206040
Injection date: 4/2/2018 1:18:20 PM	Vial: 52
Method: ethanol quant.M	Sequence: 2Apr18
Instrument: US14173023 CN14160045	Analyst: Adrian
Data file: C:\Chem32\1\Data\2Apr18\52.D	

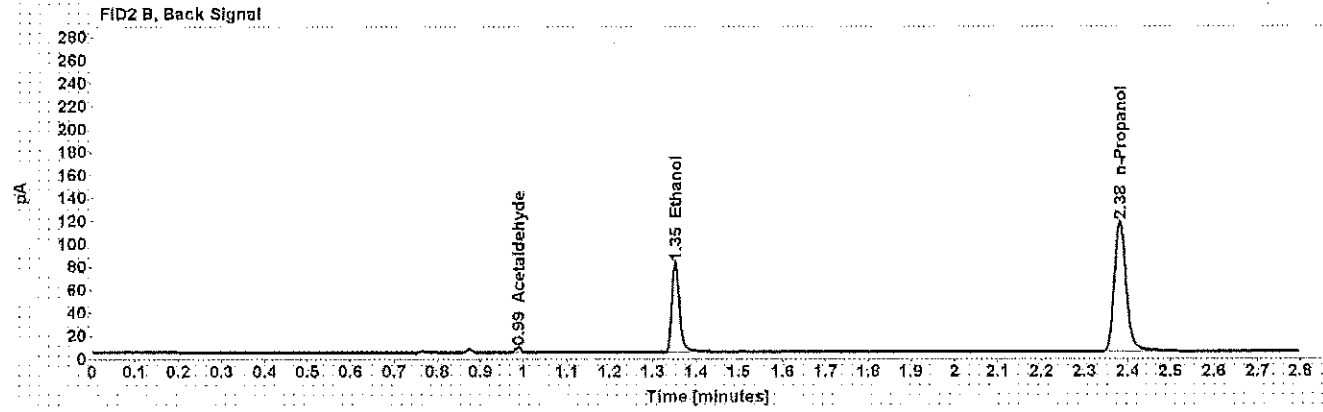
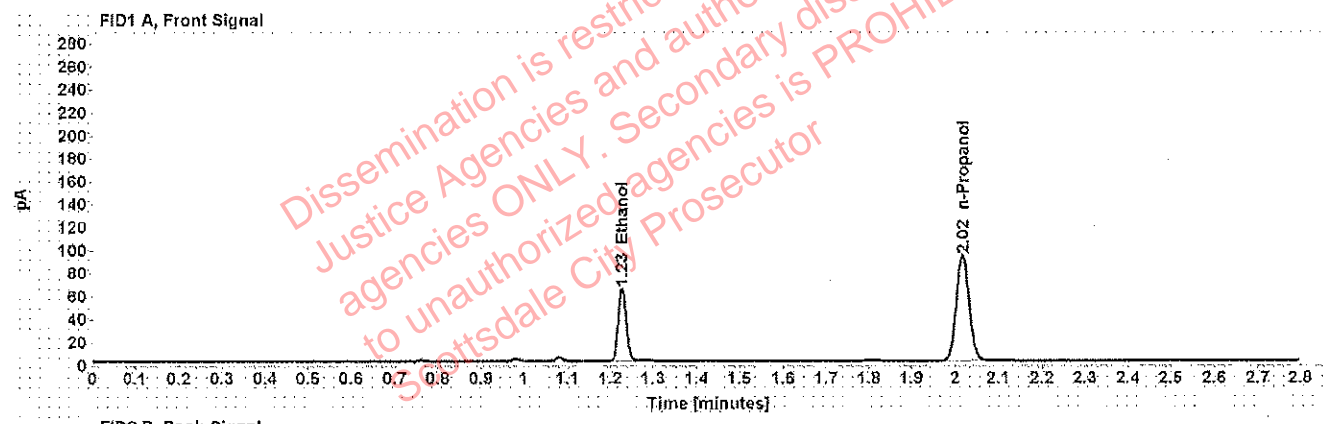


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1203	1.228	82.148
n-Propanol	-----	2.017	187.379

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	4.111
Ethanol	1.352	97.526
n-Propanol	2.382	220.487