



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 2

Date	N ₂ Tank Pressure	H ₂ Tank Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
					Pass/Fail	Pass/Fail		
6/18/18	70 800	70 1700	70 1700	70 1600	Pass	Pass		Day
6/22/18	 	 	 	 	 	 	BAKING OVEN AND INLET @ 200°C OVER WEEKEND	DM
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	

Form Complete Date/Signature: Brooke Mendenhall 6/25/18

BAM
6/25/18

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2018\06_JUNE\ALC_20180618_TEST.S
Operator : Ashley Ann Johnson, M.S.
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : ALC_20180618_TEST
Barcode Reader : not used
Shutdown Cmd/Macro : macro "shutdowncm.mac",go
Sequence Comment : I.S. Lot: 050918-IS Pipette: Hamilton 1742
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE:
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Line : 1F
Location : 1
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

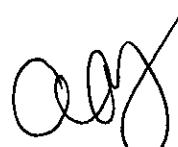
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Line : 2F
Location : 2
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

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Line : 3F
Location : 3
Sample Information : Lot: FN03251502
Sample Name : SS
Method Name : VOLATILES
Sample Type : Sample

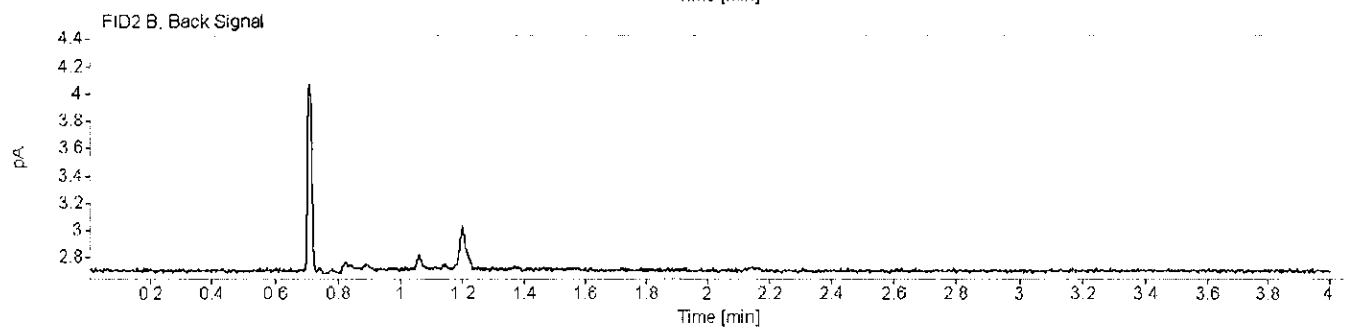
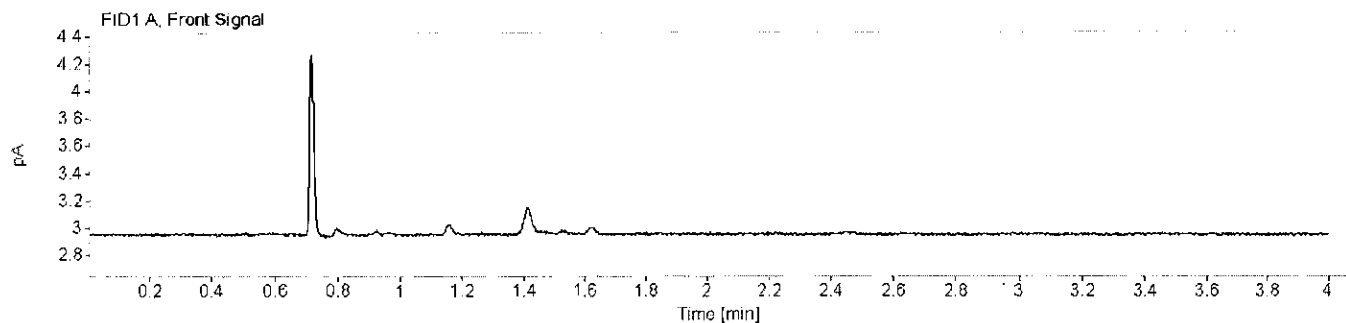
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Sample name: Air Control Description: Vial Number: 1
Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 6/18/2018 1:30:51 PM
Data file: C:\Chem32\1\Data\ALC_20180618_TEST\ALC_20180618_TEST 2018-06-18 13-21-50\001F0101.D

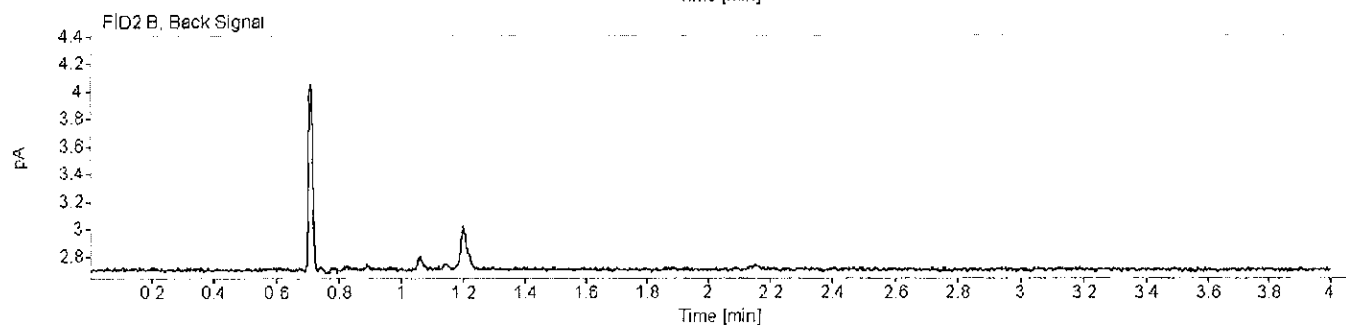
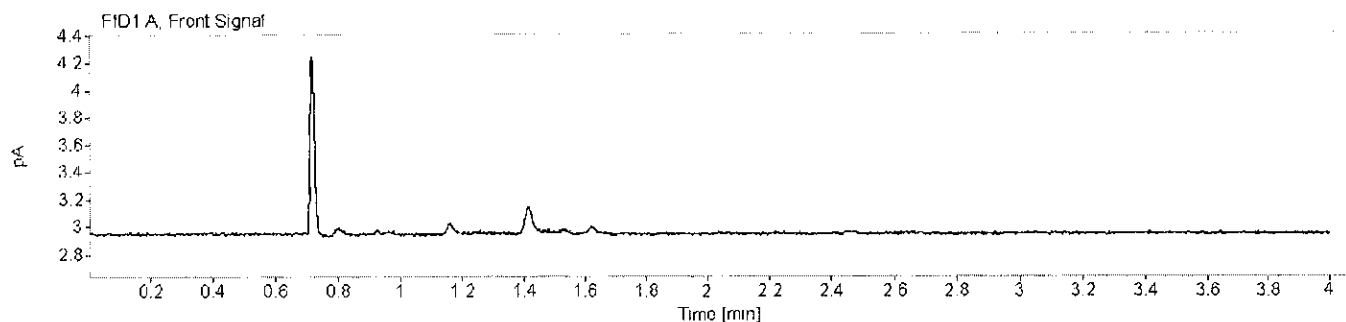


Clay

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Sample name: Air Control Description: Vial Number: 2
Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 6/18/2018 1:35:22 PM
Data file: C:\Chem32\1\Data\ALC_20180618_TEST\ALC_20180618_TEST 2018-06-18 13-21-50\002F0201.D

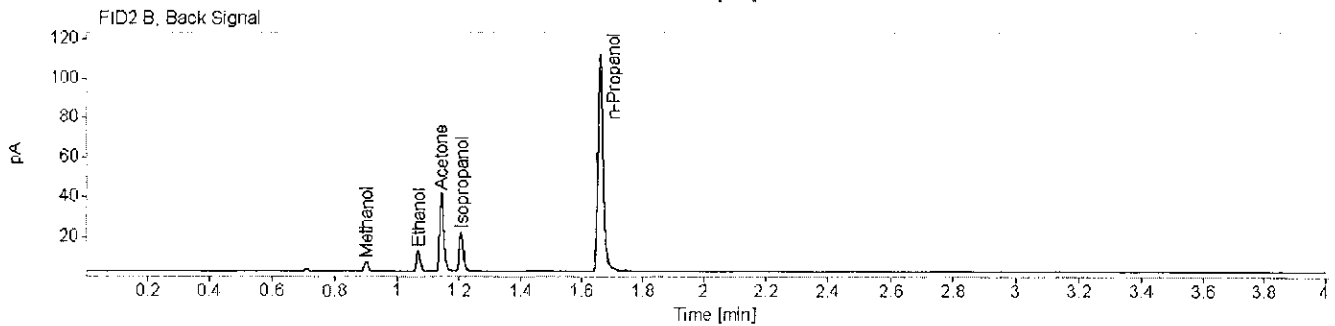
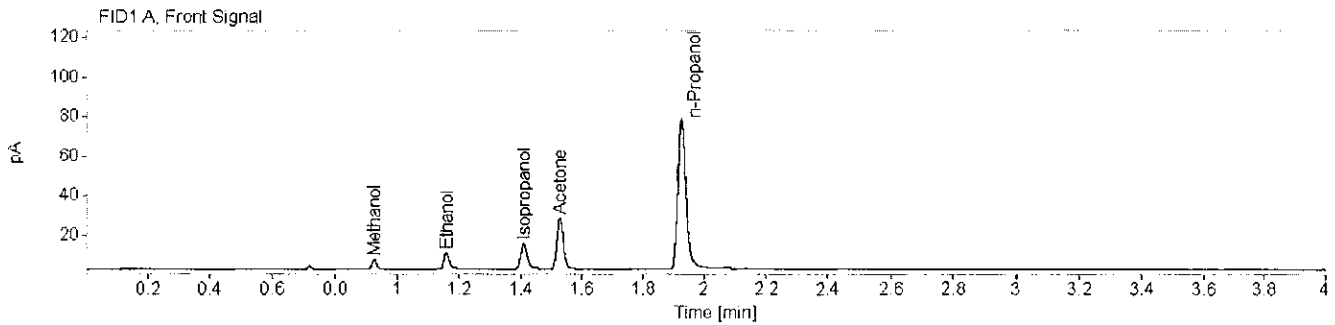


A handwritten signature in black ink, appearing to be "AAS".

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Sample name: SS Description: Lot: FN03251502 Vial Number: 3
 Instrument: Headspace 2 Acq. method: VOLATILES.M Injection date: 6/18/2018 1:41:14 PM
 Data file: C:\Chem32\1\Data\ALC_20180618_TEST\ALC_20180618_TEST 2018-06-18 13-21-50\003F0301.D



Name FID1A ✓ ✓ ✓

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	0.80044		0.927	0.922	5.0470	0.0128
Ethanol	0.70876		1.160	1.156	9.8325	0.0125
Isopropanol	0.70894	300.272504086992	1.410	1.406	19.0847	0.0110
Acetone	0.82712	612.445781142307	1.530	1.528	37.1834	0.0113
n-Propanol	0.70914		1.926	1.928	142.1678	0.0100

Name FID2B ✓ ✓ ✓

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	0.89039		0.903	0.900	4.8117	0.0125
Ethanol	0.71229	157.867823472445	1.069	1.067	9.6504	0.0126
Acetone	0.73602	145.497090372915	1.146	1.145	36.2072	0.0115
Isopropanol	0.70774	71.3427421129347	1.208	1.209	19.2275	0.0116
n-Propanol	0.73336		1.662	1.668	135.6984	0.0100