

Lab name: SRI Instruments  
 Client: Starfire  
 Client ID: N12475  
 Analysis date: 07/13/2023 10:45:12  
 Method: Backflush to TCD/PID  
 Description: PID low gain 150C  
 Column: 18"HayD+15MXTwax  
 Carrier: Argon@20psi  
 Integration: Peak sens=80.0 Base sens=10.0 Min  
 Data file: ChannelOne-115.chr ()  
 Sample: 20% H2+HouseNH3 headspace

Lab name: SRI Instruments  
 Client: Starfire  
 Client ID: N12475  
 Analysis date: 07/13/2023 10:45:12  
 Method: Backflush to TCD/PID  
 Description: TCD2-HayDXTwax BF  
 Column: 18"HayD+15MXTwax  
 Carrier: Argon@20psi  
 Integration: Peak sens=90.0 Base sens= 1.0 Min  
 Data file: ChannelTwo-111.chr ()  
 Sample: 20% H2+HouseNH3 headspace

Lab name: SRI Instruments  
 Client: Starfire  
 Client ID: N12475  
 Analysis date: 07/13/2023 10:45:12  
 Method: Backflush to TCD/PID  
 Description: TCD1-MS5A  
 Column: 18"HayD+15MXTwax  
 Carrier: Argon@20psi  
 Integration: Peak sens=95.0 Base sens=60.0 Min  
 Data file: ChannelThree-22.chr ()  
 Sample: 20% H2+HouseNH3 headspace

Temperature program:

Init temp Hold Ramp Final temp  
 90.00 2.000 0.000 90.00

Events:

Time Event  
 0.000 ZERO  
 0.020 G ON (Valve1Rotate)  
 0.300 G OFF (Valve1Rotate)

Temperature program:

Init temp Hold Ramp Final temp

Events:

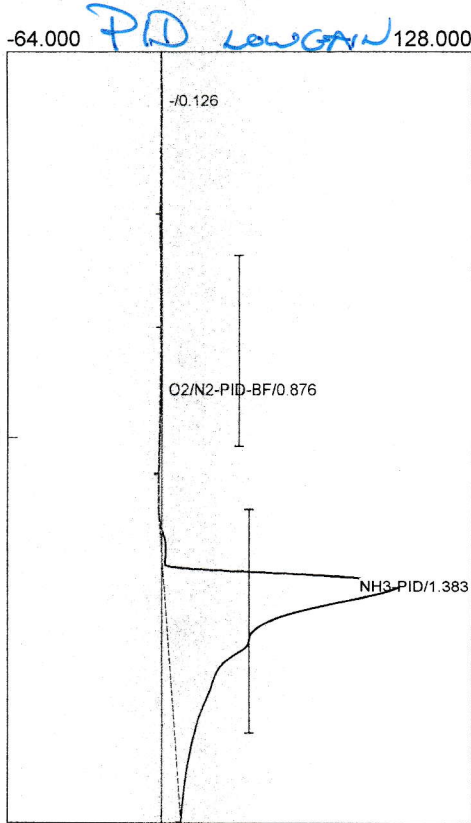
Time Event  
 0.000 ZERO

Temperature program:

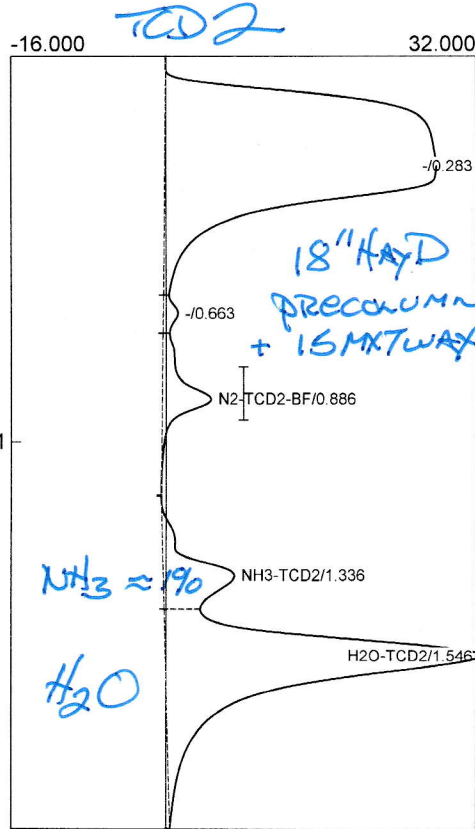
Init temp Hold Ramp Final temp

Events:

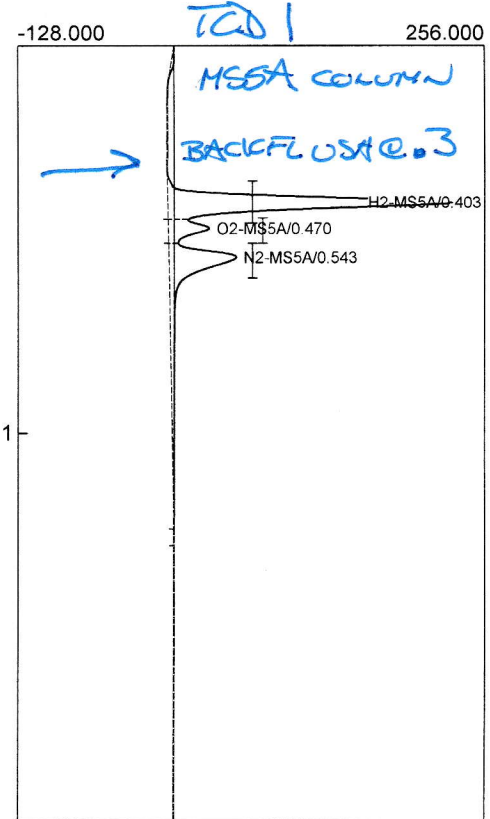
Time Event  
 0.000 ZERO  
 0.250 INTEG BASED IMMEDIATE



Component	Retention	Area	Internal	Units
O2/N2-PID-BF	0.876	4.7468	0.2104	ppm
NH3-PID	1.383	1011.3147	5440.4928	ppm
H2O-PID	0.000	0.0000	0.0000	ppm
CO2-FIDm-Shin-Argon	0.000	0.0000	0.0000	ppm
	1016.0615		5440.7031	



Component	Retention	Area	Internal	Units
N2-TCD2-BF	0.886	32.3482	9667.3638	ppm
NH3-TCD2	1.336	51.4720	25012.7562	ppm
H2O-TCD2	1.546	285.5223	305.4616	ppm
CO2-HayDMXTwax	0.000	0.0000	0.0000	ppm
		369.3425	34985.5815	



Component	Retention	Area	Internal	Units
H2-MS5A	0.403	487.2875	20.0000	%
O2-MS5A	0.470	73.7236	0.0000	%
N2-MS5A	0.543	265.5362	64.0000	%
		826.5473	84.0000	



**WARNING: CARRIER FILTER  
WILL BE HOT DURING  
FIVE MINUTE BAKE CYCLE.**



### 10 PORT VALVE WITH BACKFLUSH TO VENT

