

Appendix 1. Normality Test of The BHA Data

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
BHA5	28	100.0%	0	.0%	28	100.0%

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
BHA5	.256	28	.000	.866	28	.002

a. Lilliefors Significance Correction



Appendix 2. Normality Test of The TBA Value Data

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SMEAN(TBA_1__1)	28	100.0%	0	.0%	28	100.0%

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SMEAN(TBA_1__1)	.102	28	.200*	.975	28	.720

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction



Appendix 3. Normality Test of The Water Content Data

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
KDRAIR5	28	100.0%	0	.0%	28	100.0%

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
KDRAIR5	.132	28	.200*	.934	28	.080

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction



Appendix 4. Oneway ANOVA Test

Oneway

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
BHA	Between Groups	400.382	13	30.799	188.639	.000
	Within Groups	2.286	14	.163		
	Total	402.668	27			
TBA	Between Groups	3.540	13	.272	31.911	.000
	Within Groups	.119	14	.009		
	Total	3.659	27			
KDRAIR	Between Groups	140.844	13	10.834	70.598	.000
	Within Groups	2.148	14	.153		
	Total	142.993	27			

Post Hoc Tests

Homogeneous Subsets

Duncan^a

KOMBINAS	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
kh30	2	.6550						
kh25	2	1.1950						
kh20	2	1.2800						
kh15	2	1.3200	1.3200					
kh10	2	1.3950	1.3950					
kh5	2		2.2150	2.2150				
kh0	2			2.3500				
sh30	2				6.7600			
sh25	2				7.4000	7.4000		
sh20	2					7.6750		
sh15	2						8.8200	
sh5	2						9.3850	
sh10	2						9.4200	
sh0	2							11.5150
Sig.		.118	.053	.743	.136	.507	.180	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

TBA

Duncan^a

KOMBINAS	N	Subset for alpha = .05		
		1	2	3
sh10	2	.022260		
sh0	2	.033345		
sh5	2	.071585		
kh10	2	.083880		
sh15	2	.100010		
sh20	2	.104275		
kh0	2	.111840		
kh5	2	.116545		
kh15	2	.121025		
sh25	2	.127055		
kh20	2	.130060		
kh25	2	.156835		
sh30	2		.727125	
kh30	2			1.369021
Sig.		.215	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Duncan^a

KOMBINAS	N	Subset for alpha = .05						
		1	2	3	4	5	6	7
kh0	2	1.69965						
sh0	2		2.61155					
sh5	2		3.17155	3.17155				
kh5	2			3.62230				
sh10	2			3.70205				
sh15	2			4.01955				
kh10	2				4.90200			
kh15	2				5.70995			
sh20	2				5.72100			
sh25	2					7.05845		
kh20	2					7.74340		
kh25	2					7.82135	7.82135	
sh30	2						8.62875	8.62875
kh30	2							8.72830
Sig.		1.000	.175	.064	.066	.085	.058	.803

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 2.000.

Appendix 5. Regression Analysis

Regression for Concentration of BHA from The Treated Sample Data

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	TIME ^a	.	Enter

- a. All requested variables entered.
- b. Dependent Variable: BHATREAT

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	Sig. F Change		
1	.937 ^a	.878	.854	1.65323	.878	36.129	1	5	.002

- a. Predictors: (Constant), TIME

ANOVA^a

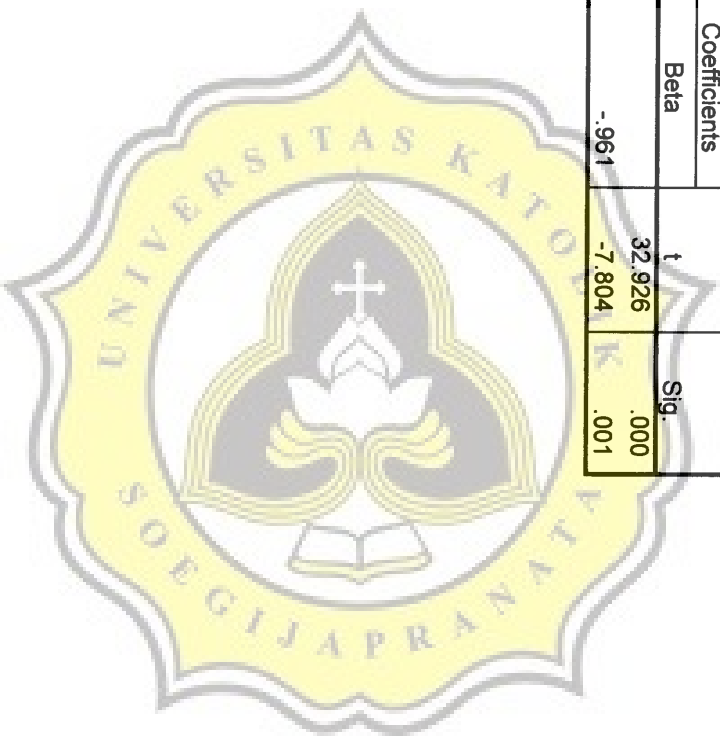
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	755.027	1	755.027	60.898	.001 ^a
	Residual	61.991	5	12.398		
	Total	817.018	6			

- a. Predictors: (Constant), TIME
- b. Dependent Variable: BHATREAT

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	78.915	2.397		32.926	.000
TIME	-10.998	1.409	-.961	-7.804	.001

a. Dependent Variable: BHATREAT



Regression for Concentration of BHA from The Control Sample Data

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	TIME ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: BHACONTR

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	Sig. F Change		
1	.961 ^a	.924	.909	3.52110	.924	60.898	1	5	.001

a. Predictors: (Constant), TIME

ANOVA^b

Model	Sum of Squares	df	Mean Square	F	Sig.
1	Regression 98.747	1	98.747	36.129	.002 ^a
	Residual 13.666	5	2.733		
	Total 112.413	6			

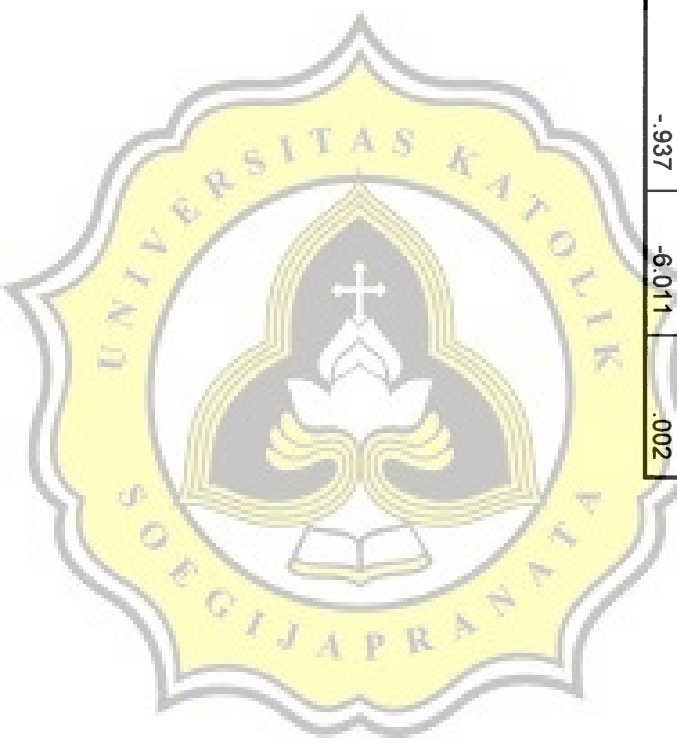
a. Predictors: (Constant), TIME

b. Dependent Variable: BHACONTR

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	16.444	1.125		14.613	.000
TIME	-3.977	.662	-.937	-6.011	.002

a. Dependent Variable: BHACONTR



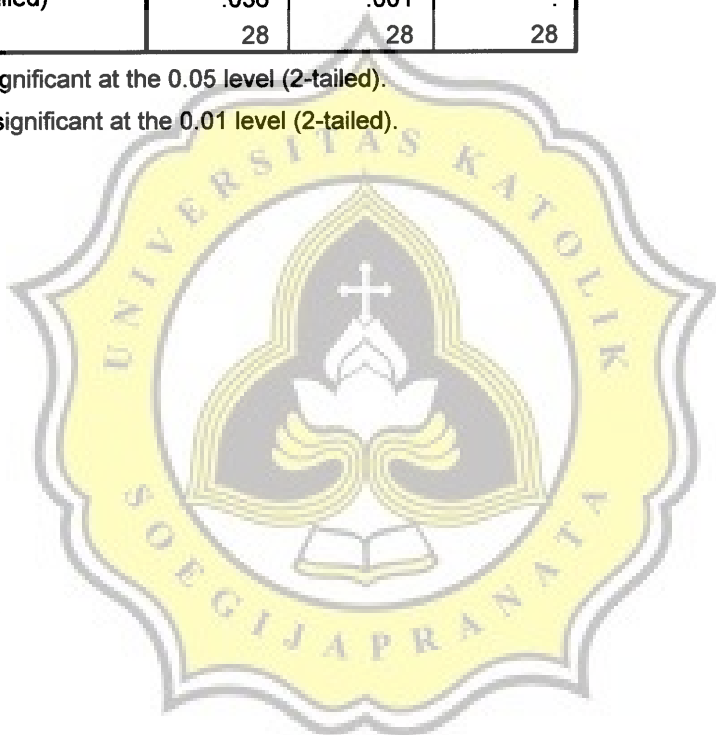
Appendix 6. Correlations Analysis

Correlations**Correlations**

		BHA	TBA	KDRAIR
BHA	Pearson Correlation	1	-.308	-.397*
	Sig. (2-tailed)	.	.111	.036
	N	28	28	28
TBA	Pearson Correlation	-.308	1	.604**
	Sig. (2-tailed)	.111	.	.001
	N	28	28	28
KDRAIR	Pearson Correlation	-.397*	.604**	1
	Sig. (2-tailed)	.036	.001	.
	N	28	28	28

*. Correlation is significant at the 0.05 level (2-tailed).

** . Correlation is significant at the 0.01 level (2-tailed).



Appendix 7. Example of Calculation The Storage Time

In this research, box used temperature of 40°C for 30 days, so if it was converted to room temperature at 25°C, it would be:

$$\begin{aligned}
 Q^{\Delta t/10} &= 2 \\
 ts (T_2) &= 30 \text{ days} \\
 \text{Room temperature } (T_1) &= 25^\circ\text{C} \\
 \text{Box temperature } (T_2) &= 40^\circ\text{C} \\
 \delta T &= T_2 - T_1 = 15^\circ\text{C}
 \end{aligned}$$

assumption : 1 month = 30 days

$$\begin{aligned}
 ts (T_1) &= ts (T_2) \times Q^{\Delta t/10} \\
 &= 30 \text{ days} \times 2^{15/10} \\
 &= 30 \text{ days} \times 2^{1.5} \\
 &= 84.853 \text{ days} \\
 &= 2.83 \text{ months}
 \end{aligned}$$



Appendix 8. HPLC Analysis for Control Samples during Storage

Control sample day 0 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

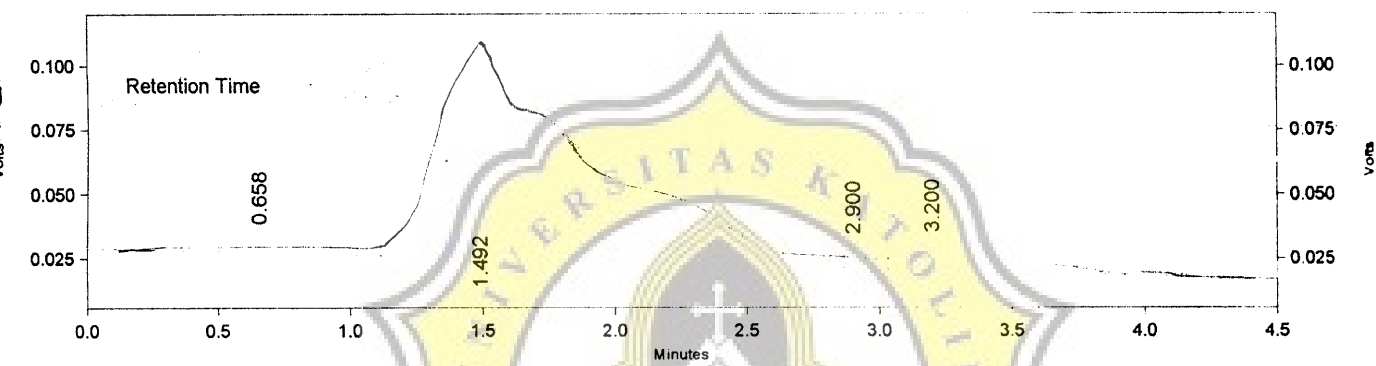
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Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelkontroluh0u112505

User: UNIKA SOEGIJAPRANATA

Acquired: 5/12/2005 4:24:27 PM

Printed: 5/12/2005 5:22:44 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.658	130553	3.437	2503	2.575
2	1.492	3366226	88.629	83591	85.986
3	2.900	48140	1.267	4721	4.856
4	3.200	253193	6.666	6400	6.583
Totals		3798112	100.000	97215	100.000

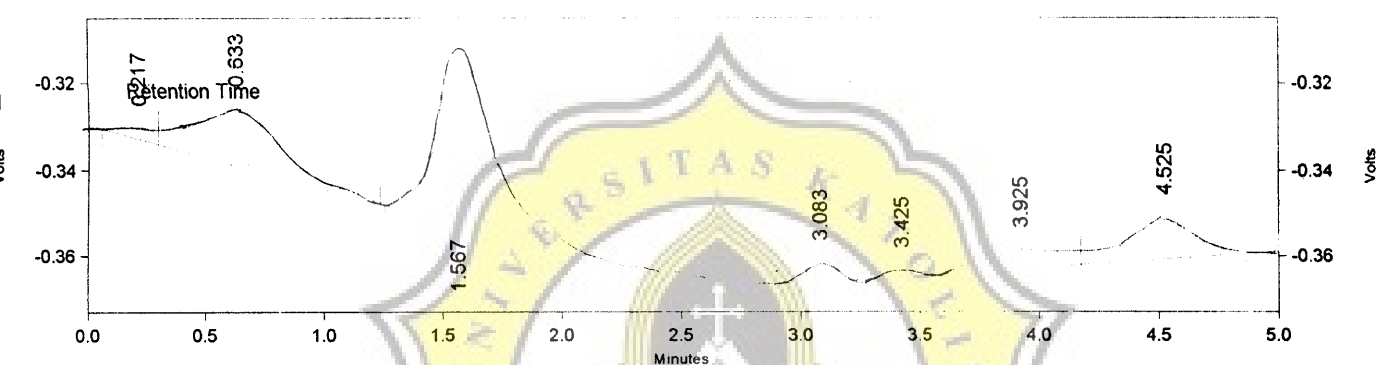
Control sample day 0 replicate 2

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Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelkontrolh0u2brlinda.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/20/2005 11:52:30 AM
 Printed: 6/21/2005 2:06:14 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.217	28517	1.938	2590	3.379
2	0.633	351675	23.896	13003	16.964
3	1.567	700407	47.592	40098	52.312
4	3.083	44556	3.028	4503	5.875
5	3.425	15754	1.070	1752	2.286
6	3.925	115245	7.831	4585	5.982
7	4.525	215549	14.646	10120	13.203
Totals		1471703	100.000	76651	100.000

Control sample day 5 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

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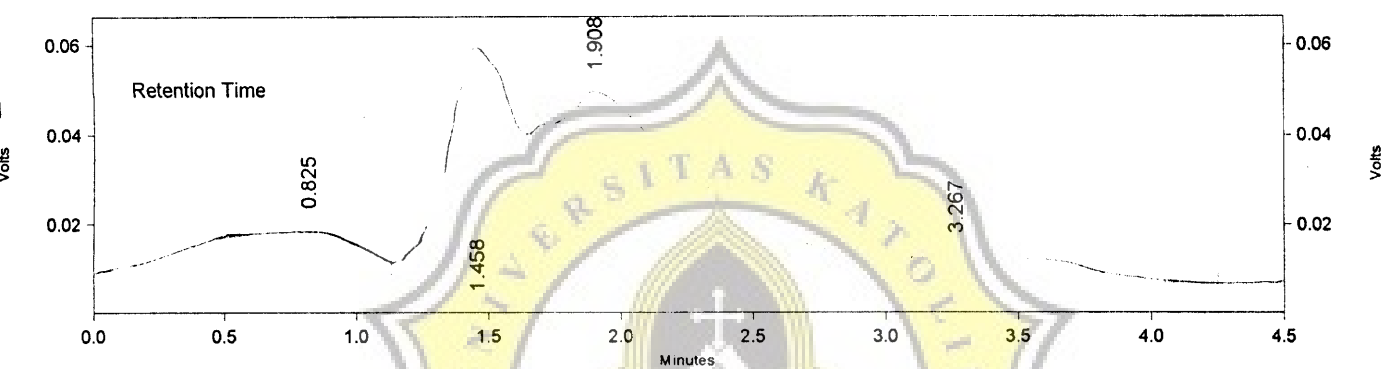
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Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelkontroluh5ula12505

User: UNIKA SOEGIJAPRANATA

Acquired: 5/12/2005 4:48:42 PM

Printed: 5/12/2005 5:30:09 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.825	390117	11.832	9530	8.916
2	1.458	903464	27.401	50730	47.460
3	1.908	1781105	54.018	41127	38.476
4	3.267	222550	6.750	5504	5.149
Totals		3297236	100.000	106891	100.000

Control sample day 5 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

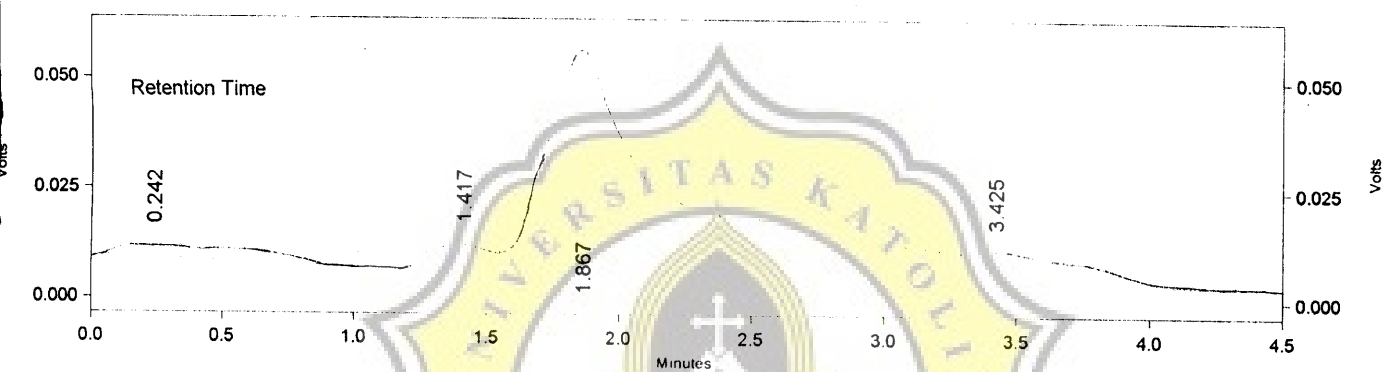
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User: UNIKA SOEGIJAPRANATA

Acquired: 5/18/2005 4:56:01 PM

Printed: 6/21/2005 2:14:42 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.242	105232	4.671	2525	3.800
2	1.417	92610	4.110	5958	8.967
3	1.867	1828236	81.144	50682	76.275
4	3.425	226990	10.075	7281	10.958
Totals		2253068	100.000	66446	100.000

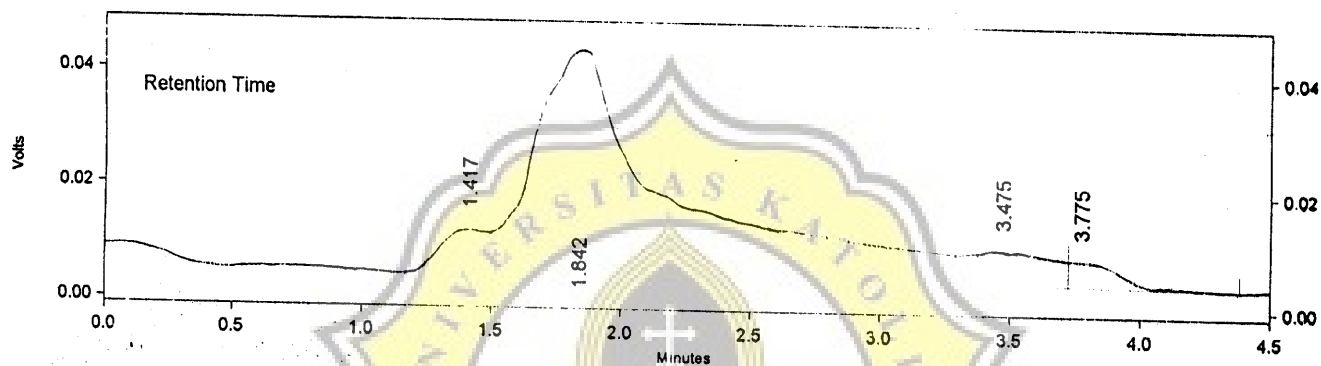
Control sample day 10 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

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 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/18/2005 4:49:22 PM
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Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.417	98101	5.314	7905	13.560
2	1.842	1535482	83.168	39309	67.430
3	3.475	146526	7.936	6276	10.766
4	3.775	66136	3.582	4806	8.244
Totals		1846245	100.000	58296	100.000

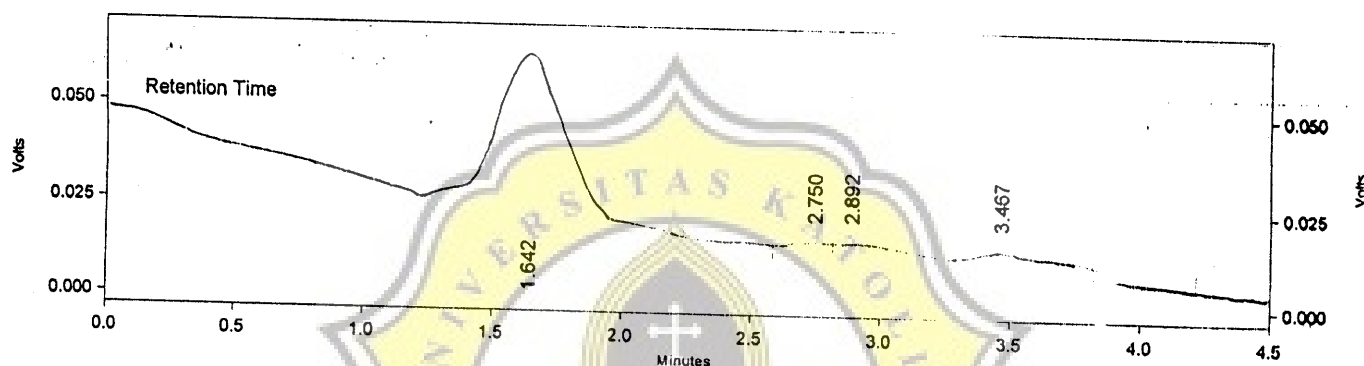
Control sample day 10 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

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 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/18/2005 4:43:03 PM
 Printed: 6/21/2005 2:25:54 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.642	748521	78.238	40194	82.309
2	2.750	14278	1.492	1496	3.064
3	2.892	58544	6.119	2441	4.999
4	3.467	135382	14.151	4702	9.629
Totals		956725	100.000	48833	100.000

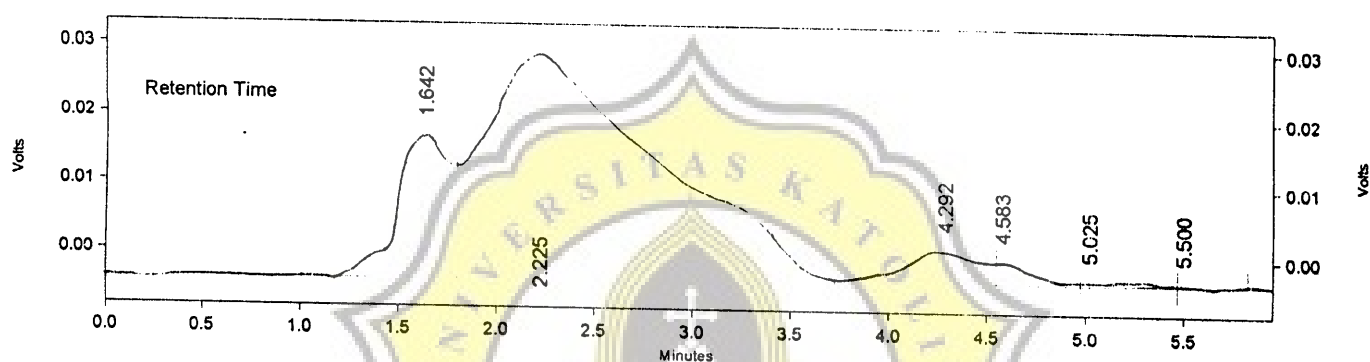
Control sample day 15 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
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 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/27/2005 1:37:18 PM
 Printed: 5/28/2005 12:03:05 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.642	379760	14.864	20516	33.495
2	2.225	1999526	78.263	32699	53.385
3	4.292	124243	4.863	4487	7.326
4	4.583	42422	1.660	3032	4.950
5	5.025	7539	0.295	420	0.686
6	5.500	1378	0.054	97	0.158
Totals		2554868	100.000	61251	100.000

Control sample day 15 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met

Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindakontrolh15u2

User: UNIKA SOEGIJAPRANATA

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Printed: 5/28/2005 12:03:27 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.608	4630	0.030	150	0.028
2	1.375	15143675	98.681	529081	98.535
3	4.300	148494	0.968	4552	0.848
4	4.692	43609	0.284	2778	0.517
5	5.150	5611	0.037	389	0.072
Totals		15346019	100.000	536950	100.000

Control sample day 20 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindakontrolh20u1a1.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/6/2005 4:50:58 PM
 Printed: 6/21/2005 2:39:03 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.292	222338	2.211	12418	2.687
2	1.467	2820013	28.044	255144	55.208
3	1.692	6884535	68.464	186915	40.445
4	4.300	128868	1.282	7672	1.660
Totals		10055754	100.000	462149	100.000

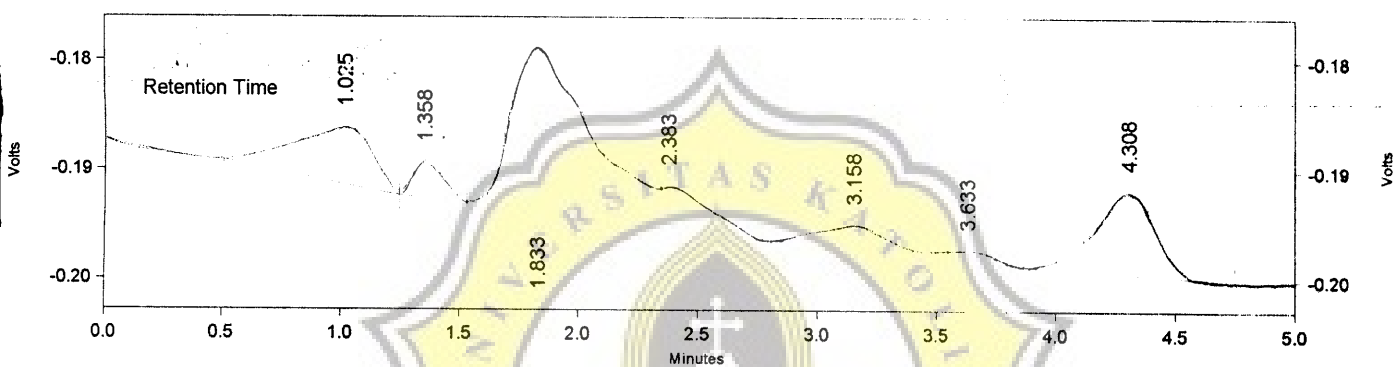
Control sample day 20 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

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 User: UNIKA SOEGIJAPRANATA
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 Printed: 6/21/2005 2:42:22 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.025	116828	15.550	5210	13.713
2	1.358	27923	3.717	3232	8.507
3	1.833	357973	47.646	15044	39.596
4	2.383	52540	6.993	3830	10.081
5	3.158	51915	6.910	2183	5.746
6	3.633	12156	1.618	935	2.461
7	4.308	131976	17.566	7560	19.898
Totals		751311	100.000	37994	100.000

Control sample day 25 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

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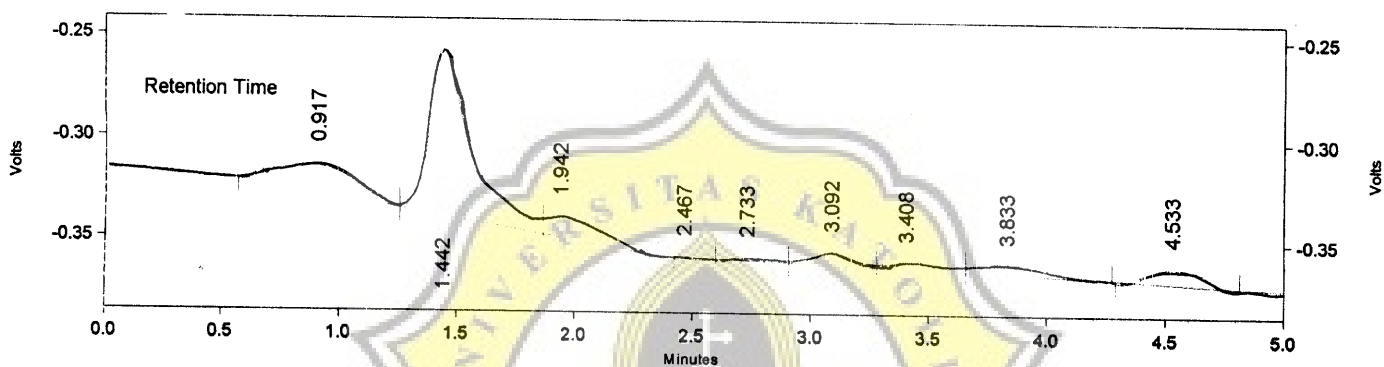
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Acquired: 6/20/2005 12:05:38 PM

Printed: 6/21/2005 2:48:40 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.917	316206	16.723	13881	10.649
2	1.442	1028939	54.416	82181	63.046
3	1.942	168634	8.918	10349	7.939
4	2.467	1117	0.059	258	0.198
5	2.733	18624	0.985	1402	1.076
6	3.092	83500	4.416	6370	4.887
7	3.408	63046	3.334	3347	2.568
8	3.833	91369	4.832	4534	3.478
9	4.533	119434	6.316	8028	6.159

Totals					
		1890869	100.000	130350	100.000

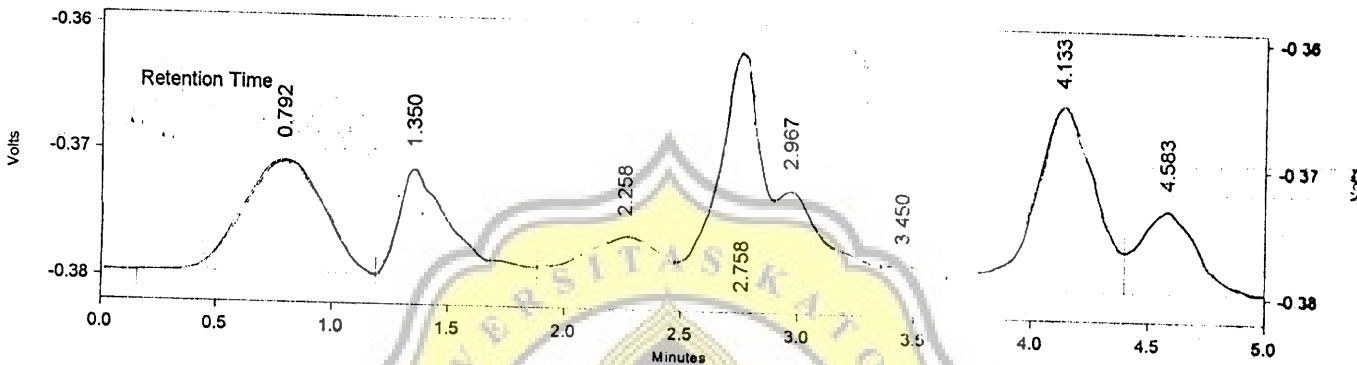
Control sample day 25 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

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Detector A (214nm)

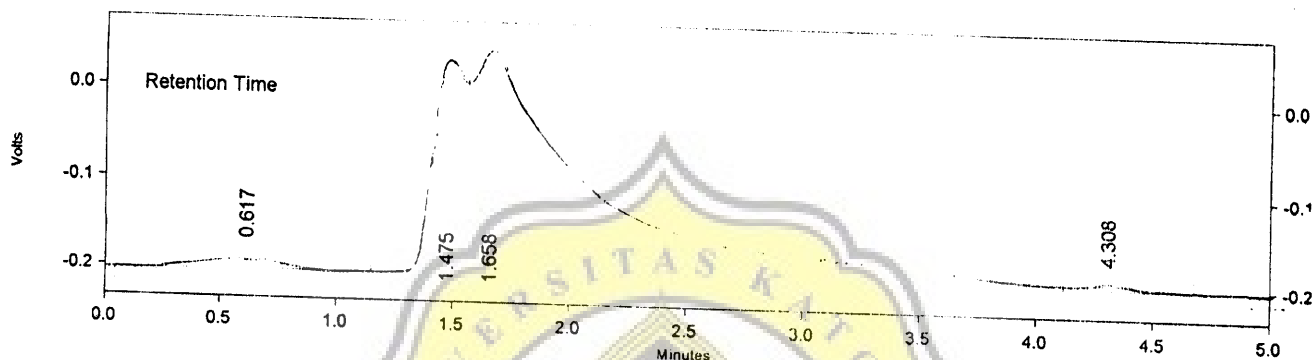
Pk #	Retention Time	Area	Area %	Height	Height %
1	0.792	215989	18.571	8891	12.925
2	1.350	132076	11.356	8408	12.223
3	2.258	76155	6.548	3411	4.959
4	2.758	224903	19.338	18146	26.380
5	2.967	111377	9.576	7444	10.822
6	3.450	22550	1.939	1718	2.498
7	4.133	267760	23.022	14262	20.734
8	4.583	112230	9.650	6507	9.460
Totals		1163040	100.000	68787	100.000

Control sample day 30 replicate 1

Area report

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Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelkh30u1a16605linda.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/6/2005 4:57:33 PM
 Printed: 6/21/2005 2:52:20 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.617	286090	2.400	11935	2.398
2	1.475	2199205	18.449	234400	47.095
3	1.658	9345865	78.403	246374	49.501
4	4.308	89134	0.748	5004	1.005
Totals		11920294	100.000	497713	100.000

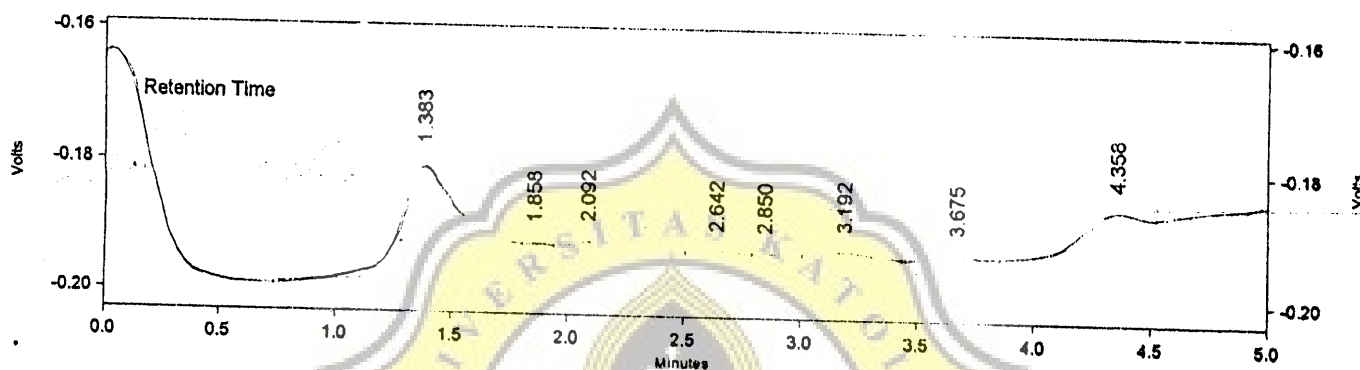
Control sample day 30 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

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Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
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 User: UNIKA SOEGIJAPRANATA
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Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.383	352589	53.809	17171	47.902
2	1.858	36241	5.531	4675	13.042
3	2.092	123396	18.832	4553	12.702
4	2.642	38497	5.875	2375	6.626
5	2.850	20578	3.140	1766	4.927
6	3.192	29631	4.522	1638	4.570
7	3.675	9601	1.465	598	1.668
8	4.358	44728	6.826	3070	8.564

Totals					
		655261	100.000	35846	100.000

Appendix 9. HPLC Analysis for Treated Samples during Storage

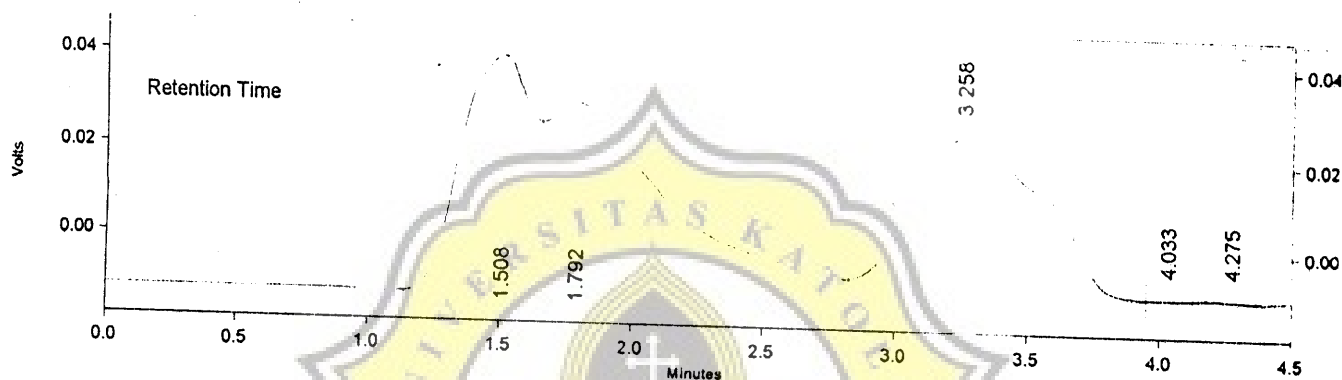
Treated sample day 0 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampel\h0u1a12505
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/12/2005 3:48:02 PM
 Printed: 5/12/2005 5:18:32 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.508	957354	27.298	51826	39.838
2	1.792	1369717	39.056	41937	32.236
3	3.258	1171985	33.418	35723	27.460
4	4.033	3660	0.104	358	0.275
5	4.275	4300	0.123	248	0.191
Totals		3507016	100.000	130092	100.000

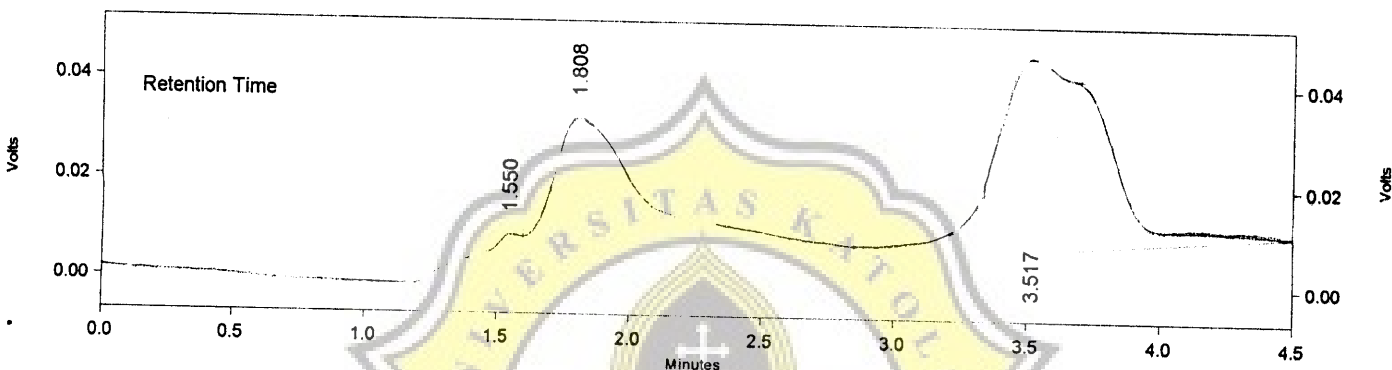
Treated sample day 0 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah0u2n.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/18/2005 4:30:52 PM
 Printed: 6/21/2005 1:01:30 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.550	114396	5.132	8994	11.371
2	1.808	948450	42.550	31430	39.738
3	3.517	1166189	52.318	38669	48.891
Totals		2229035	100.000	79093	100.000

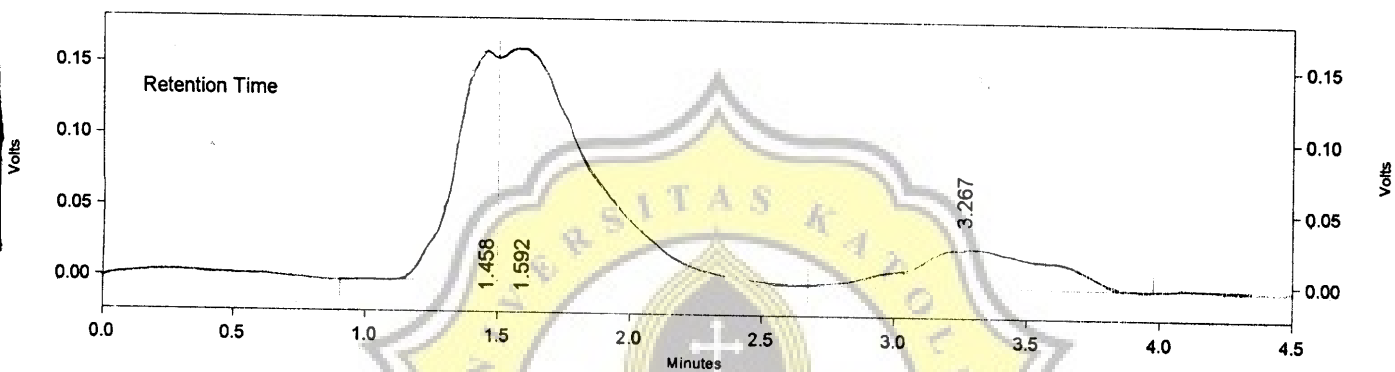
Treated sample day 5 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelh5u1a12505
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/12/2005 4:06:05 PM
 Printed: 5/12/2005 5:20:43 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.458	1720265	26.169	160587	45.773
2	1.592	3856271	58.663	162864	46.422
3	3.267	997119	15.168	27385	7.806
Totals		6573655	100.000	350836	100.000

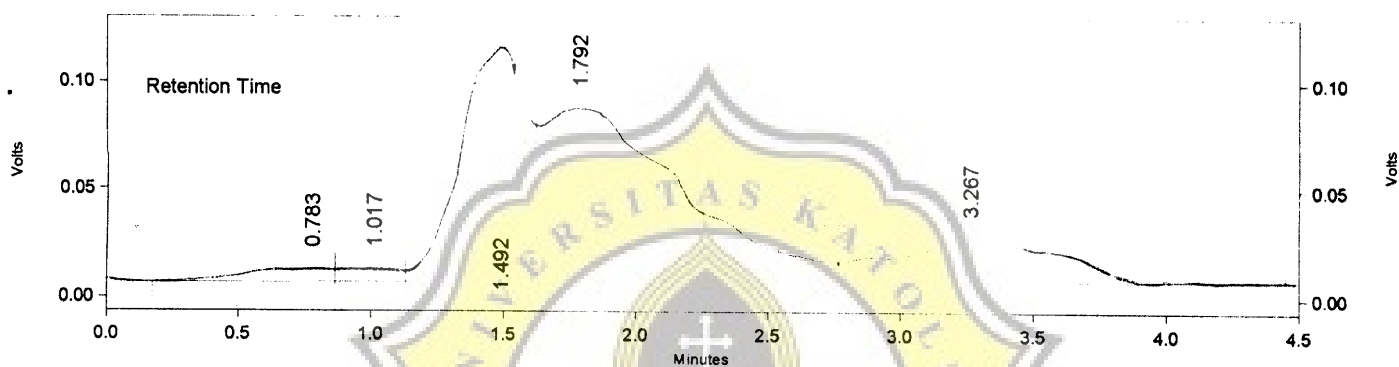
Treated sample day 5 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelh5u2b12505.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/12/2005 4:42:59 PM
 Printed: 6/21/2005 1:07:06 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.783	140825	2.346	6002	2.691
2	1.017	96287	1.604	6267	2.810
3	1.492	1857099	30.932	109406	49.056
4	1.792	2987092	49.753	81041	36.338
5	3.267	922486	15.365	20307	9.105
Totals		6003789	100.000	223023	100.000

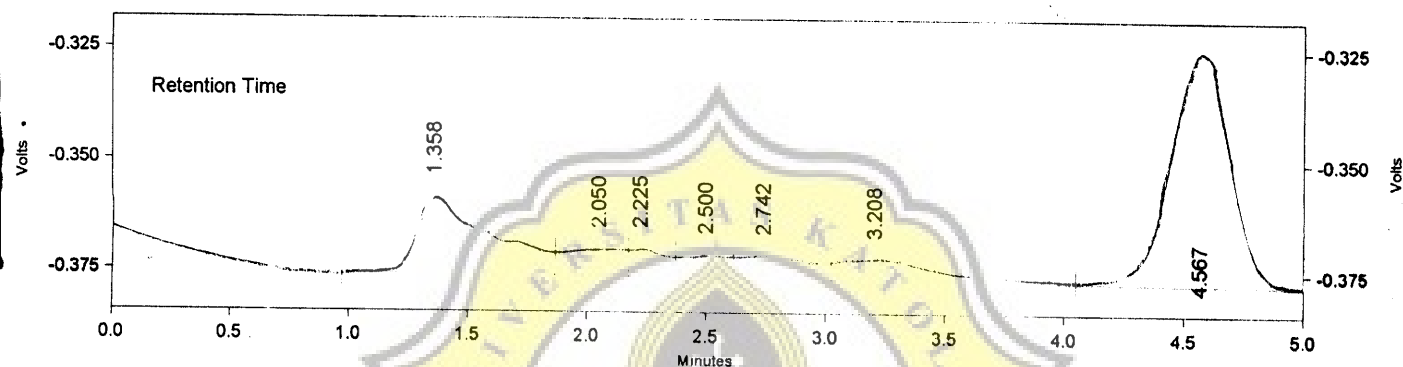
Treated sample day 10 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah10u1br.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/20/2005 12:32:33 PM
 Printed: 6/21/2005 1:12:54 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.358	375462	21.097	17311	17.769
2	2.050	107391	6.034	6092	6.253
3	2.225	66497	3.736	6261	6.427
4	2.500	71042	3.992	5114	5.249
5	2.742	115369	6.482	5220	5.358
6	3.208	145888	8.197	4765	4.891
7	4.567	898077	50.462	52657	54.052

Totals					
		1779726	100.000	97420	100.000

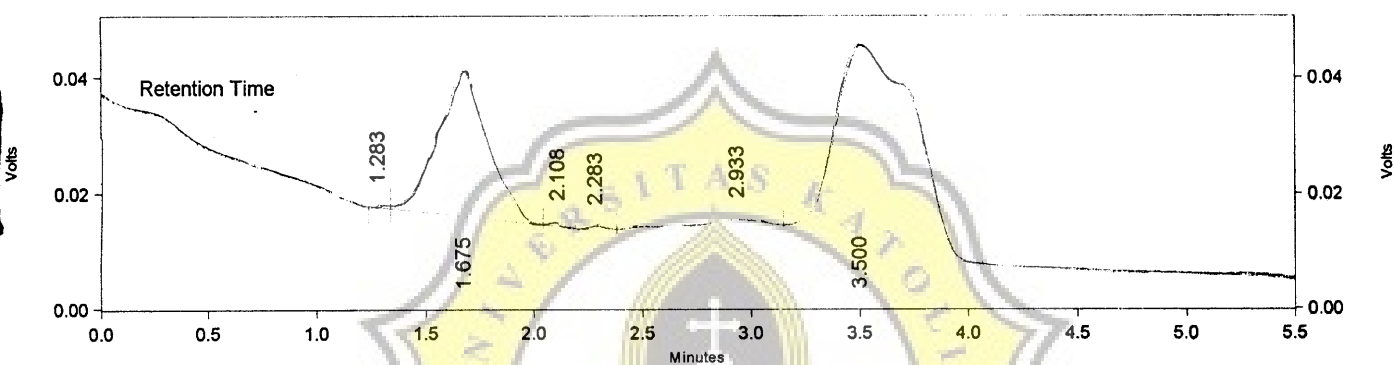
Treated sample day 10 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci air.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah10u2a18505
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/18/2005 4:23:21 PM
 Printed: 5/18/2005 6:39:34 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.283	2378	0.158	461	0.690
2	1.675	407359	27.069	25018	37.431
3	2.108	3403	0.226	708	1.059
4	2.283	4812	0.320	658	0.984
5	2.933	121443	8.070	4023	6.019
6	3.500	965495	64.157	35970	53.817
Totals		1504890	100.000	66838	100.000

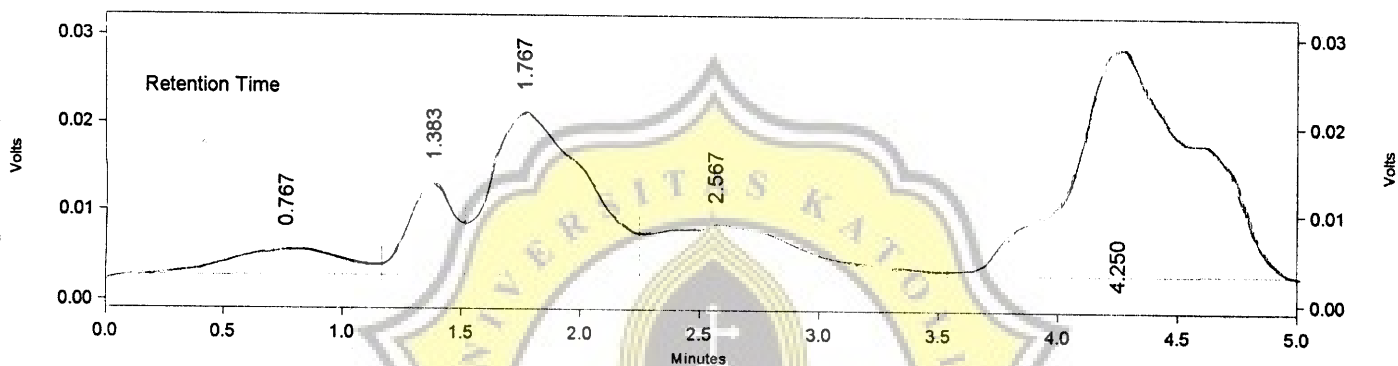
Treated sample day 15 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah15u1ab.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/27/2005 2:35:03 PM
 Printed: 6/21/2005 1:21:03 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.767	97831	5.139	2922	4.623
2	1.383	137591	7.227	10457	16.543
3	1.767	509674	26.771	18468	29.217
4	2.567	245602	12.900	5640	8.923
5	4.250	913121	47.963	25723	40.695
Totals		1903819	100.000	63210	100.000

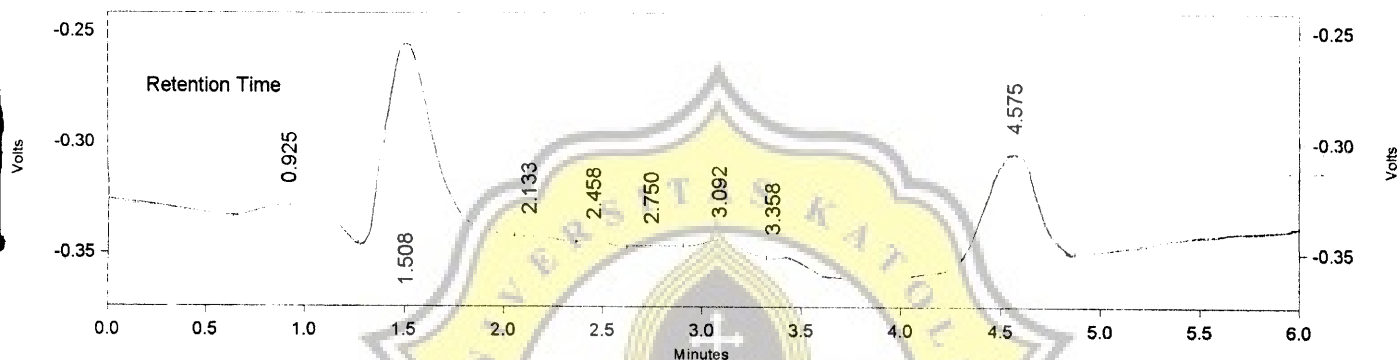
Treated sample day 15 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah15u2ab.dat
 User: UNIKA SOEGLJAPRANATA
 Acquired: 6/20/2005 12:24:21 PM
 Printed: 6/21/2005 1:23:35 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.925	268724	7.478	10244	5.157
2	1.508	1678224	46.704	91962	46.293
3	2.133	158404	4.408	8947	4.504
4	2.458	127268	3.542	8849	4.455
5	2.750	146096	4.066	8741	4.400
6	3.092	263312	7.328	13416	6.754
7	3.358	96307	2.680	7696	3.874
8	4.575	855023	23.795	48796	24.564

Totals		3593358	100.000	198651	100.000
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Treated sample day 20 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

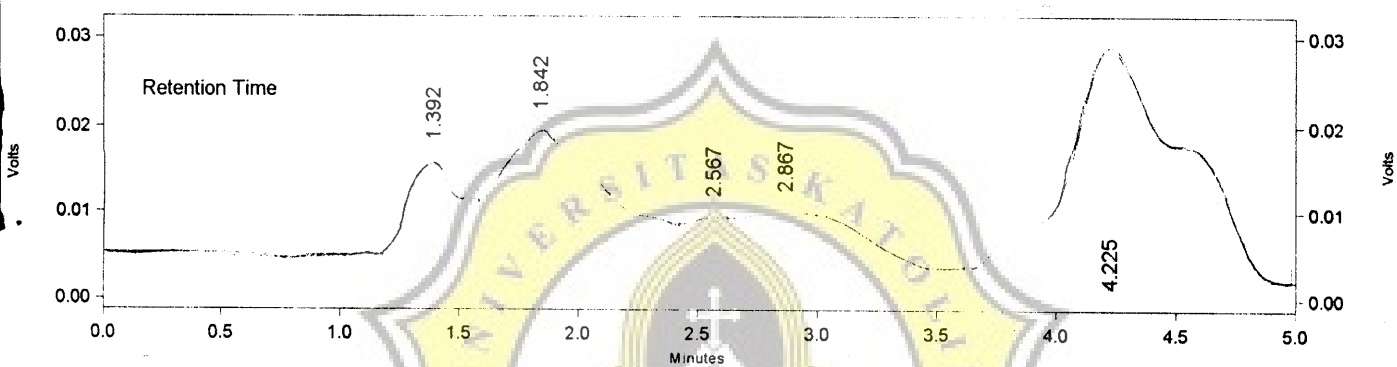
Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met

Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah20u1b27505

User: UNIKA SOEGIJAPRANATA

Acquired: 5/27/2005 2:44:03 PM

Printed: 5/28/2005 12:01:57 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.392	168348	9.235	11090	17.335
2	1.842	477150	26.174	14934	23.343
3	2.567	61769	3.388	5374	8.400
4	2.867	229614	12.595	6298	9.844
5	4.225	886106	48.607	26280	41.078
Totals		1822987	100.000	63976	100.000

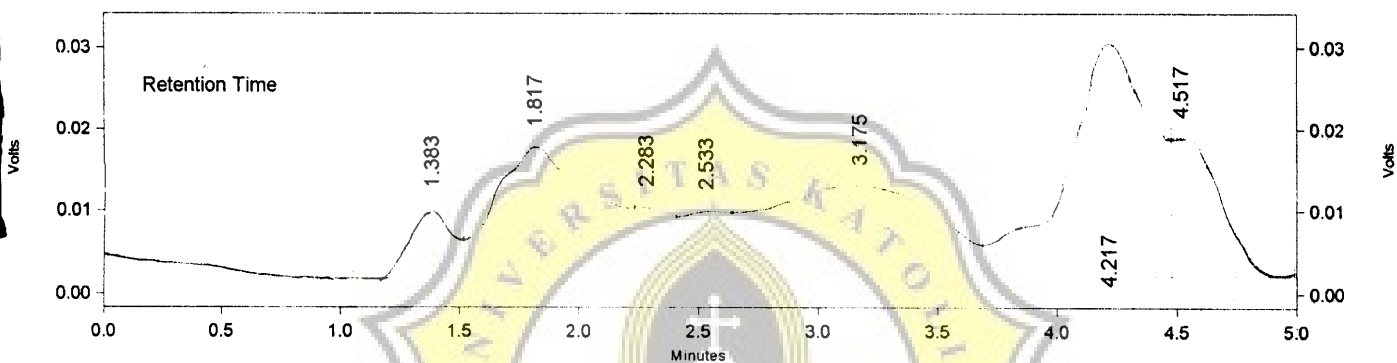
Treated sample day 20 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampellindah20u2b27505
 User: UNIKA SOEGIJAPRANATA
 Acquired: 5/27/2005 3:00:31 PM
 Printed: 5/28/2005 12:02:39 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.383	98990	4.420	8255	8.550
2	1.817	465424	20.784	15845	16.411
3	2.283	82945	3.704	8373	8.672
4	2.533	108073	4.826	7934	8.217
5	3.175	557438	24.893	10978	11.370
6	4.217	700788	31.294	28441	29.457
7	4.517	225720	10.080	16726	17.323

Totals					
		2239378	100.000	96552	100.000

Treated sample day 25 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

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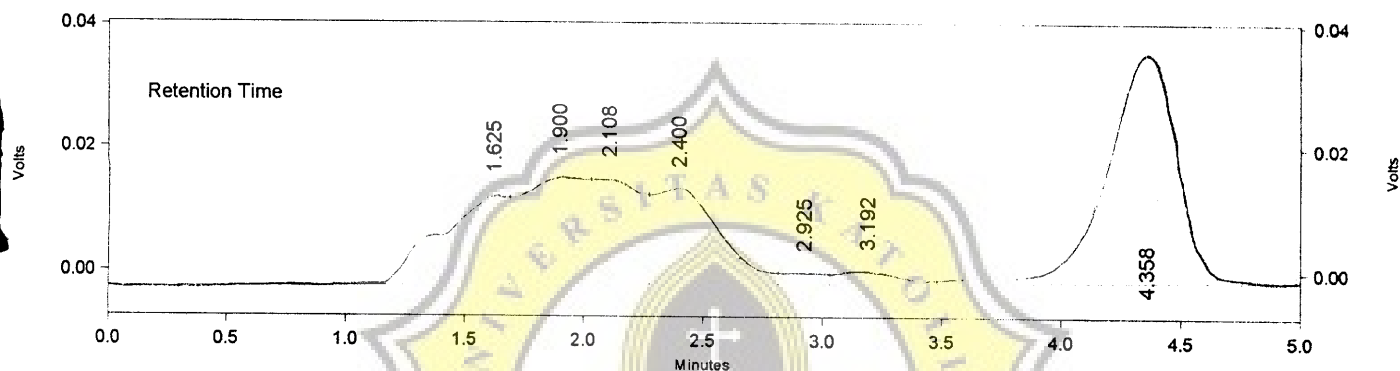
Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met

Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelh25ulab6605lindalagim.dat

User: UNIKA SOEGIJAPRANATA

Acquired: 6/6/2005 7:13:39 PM

Printed: 6/21/2005 1:38:45 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.625	285299	14.614	14435	13.766
2	1.900	328002	16.801	17300	16.498
3	2.108	231873	11.877	16927	16.142
4	2.400	294419	15.081	15288	14.579
5	2.925	22827	1.169	1826	1.741
6	3.192	37983	1.946	2032	1.938
7	4.358	751862	38.512	37055	35.337

Totals		1952265	100.000	104863	100.000
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Treated sample day 25 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

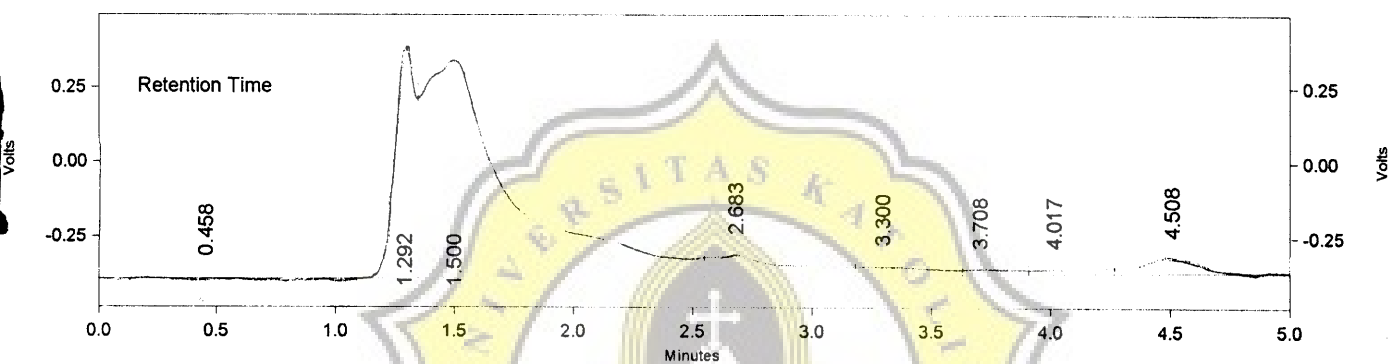
Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met

Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampel\h25u2ablinda.dat

User: UNIKA SOEGIJAPRANATA

Acquired: 6/20/2005 11:37:54 AM

Printed: 6/21/2005 1:43:27 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	0.458	2047	0.008	109	0.006
2	1.292	4597984	17.153	779452	46.437
3	1.500	18782196	70.067	728054	43.375
4	2.683	1606744	5.994	68817	4.100
5	3.300	599449	2.236	26649	1.588
6	3.708	243518	0.908	15520	0.925
7	4.017	254345	0.949	13037	0.777
8	4.508	719826	2.685	46874	2.793

Totals		26806109	100.000	1678512	100.000

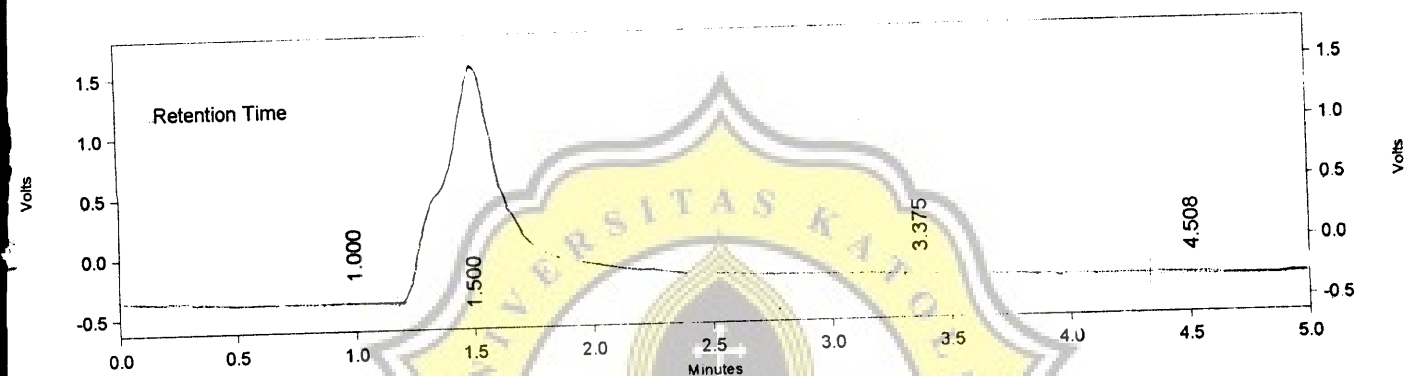
Treated sample day 30 replicate 1

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelh30u1belinda.dat
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/20/2005 11:45:38 AM
 Printed: 6/21/2005 1:53:25 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.000	1214	0.002	99	0.005
2	1.500	48396506	92.295	1938691	94.326
3	3.375	3413540	6.510	88927	4.327
4	4.508	625673	1.193	27603	1.343
Totals		52436933	100.000	2055320	100.000

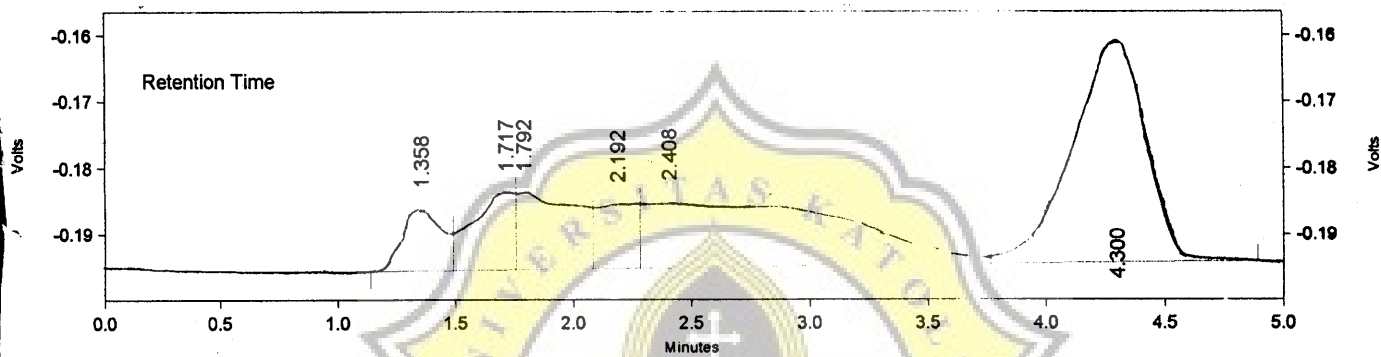
Treated sample day 30 replicate 2

Shimadzu CLASS-VP V6.12 SP4

Area % Report

Page 1 of 1

Method Name: C:\CLASS-VP\Methods\Cuci Methanol.met
 Data Name: C:\CLASS-VP\File Mahasiswa\lindatitin\sampelh30u1a6605linda
 User: UNIKA SOEGIJAPRANATA
 Acquired: 6/6/2005 6:16:34 PM
 Printed: 6/7/2005 5:06:06 PM



Detector A (214nm)

Pk #	Retention Time	Area	Area %	Height	Height %
1	1.358	116268	6.111	9519	10.985
2	1.717	145758	7.661	11777	13.591
3	1.792	198756	10.446	11767	13.580
4	2.192	116469	6.122	9948	11.481
5	2.408	607551	31.932	10067	11.618
6	4.300	717811	37.728	33573	38.745
Totals		1902613	100.000	86651	100.000