

User: Neflu, Marcela
 Westchester Dept. of Labs & Research
 Date: 09/23/2001 Time: 13:42:12

Sample: AD22470
 Analysis: \$ED508 Organochlorine Pesticides
 Units: ug
 Started: 9/14/01 12:29 Ended: 9/22/01 12:29 Analyst: MN
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		0.04 17 ^u p		0.1
2	Endrin aldehyde		< MDL		0.1
3	Endrin ketone		< MDL		0.1
4	DDT		< MDL		0.1
5	DDD		< MDL		0.1
6	DDE		< MDL		0.1

DW

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD2B.CH
 Acq On : 20 Sep 2001 8:47 am Operator: Nefliu
 Sample : ENDRIN DECOMPOSITION Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 21 13:29 2001 Quant Results File: 010918P.RES

Quant Method : C:\HPCHEM\1\METHODS\010918P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Wed May 16 14:39:54 2001
 Response via : Initial Calibration
 DataAcq Meth : 508F.M

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
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System Monitoring Compounds

8) Target Compounds						
ENDRIN	38.83	34.86	2848381	3886496	0.835	0.757

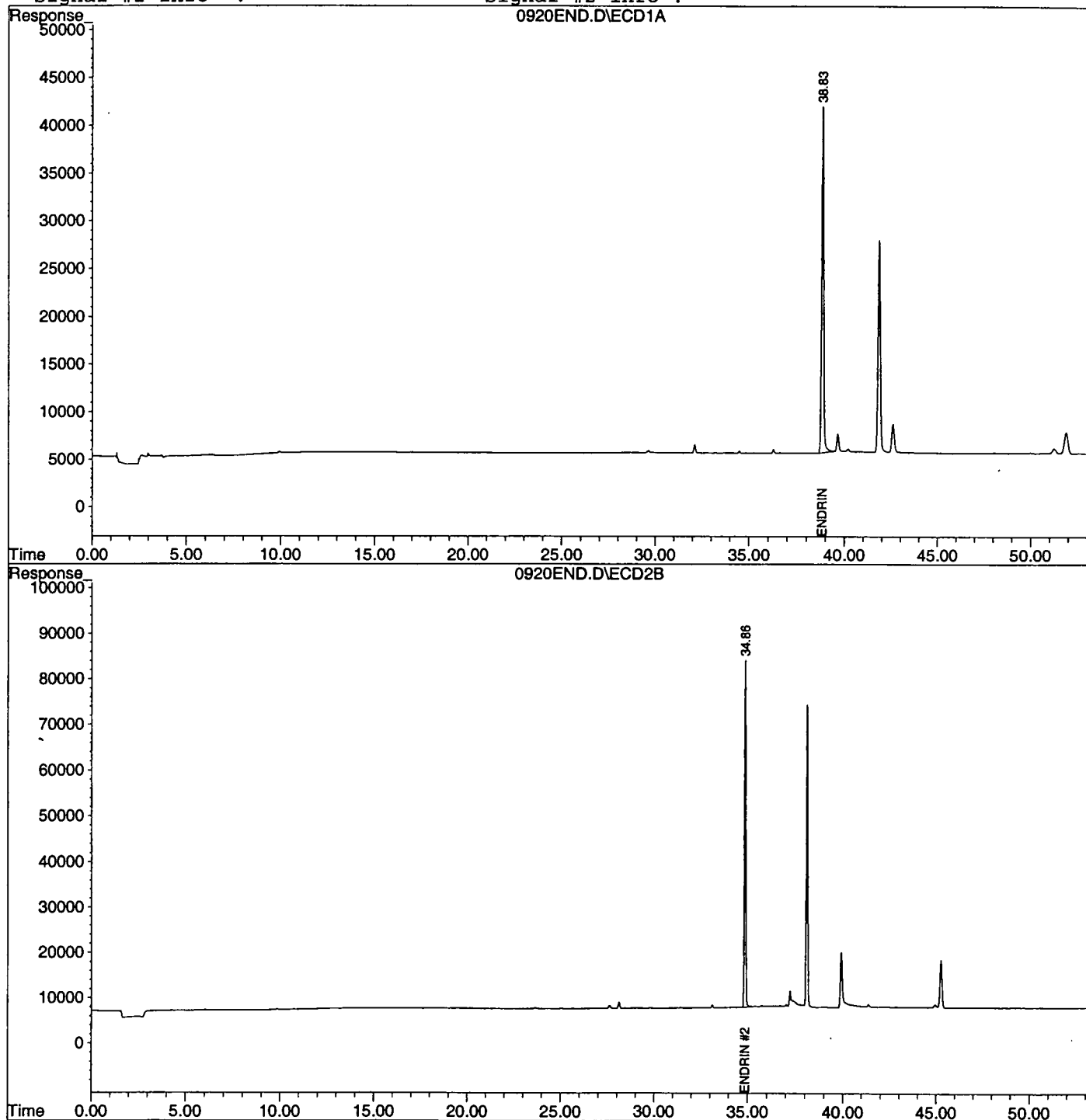
$$\% \text{ endrin breakdown} = \frac{282189 + 308557}{() + 2848381} = \frac{590746}{3439127} = 17\%$$

Quantitation Report

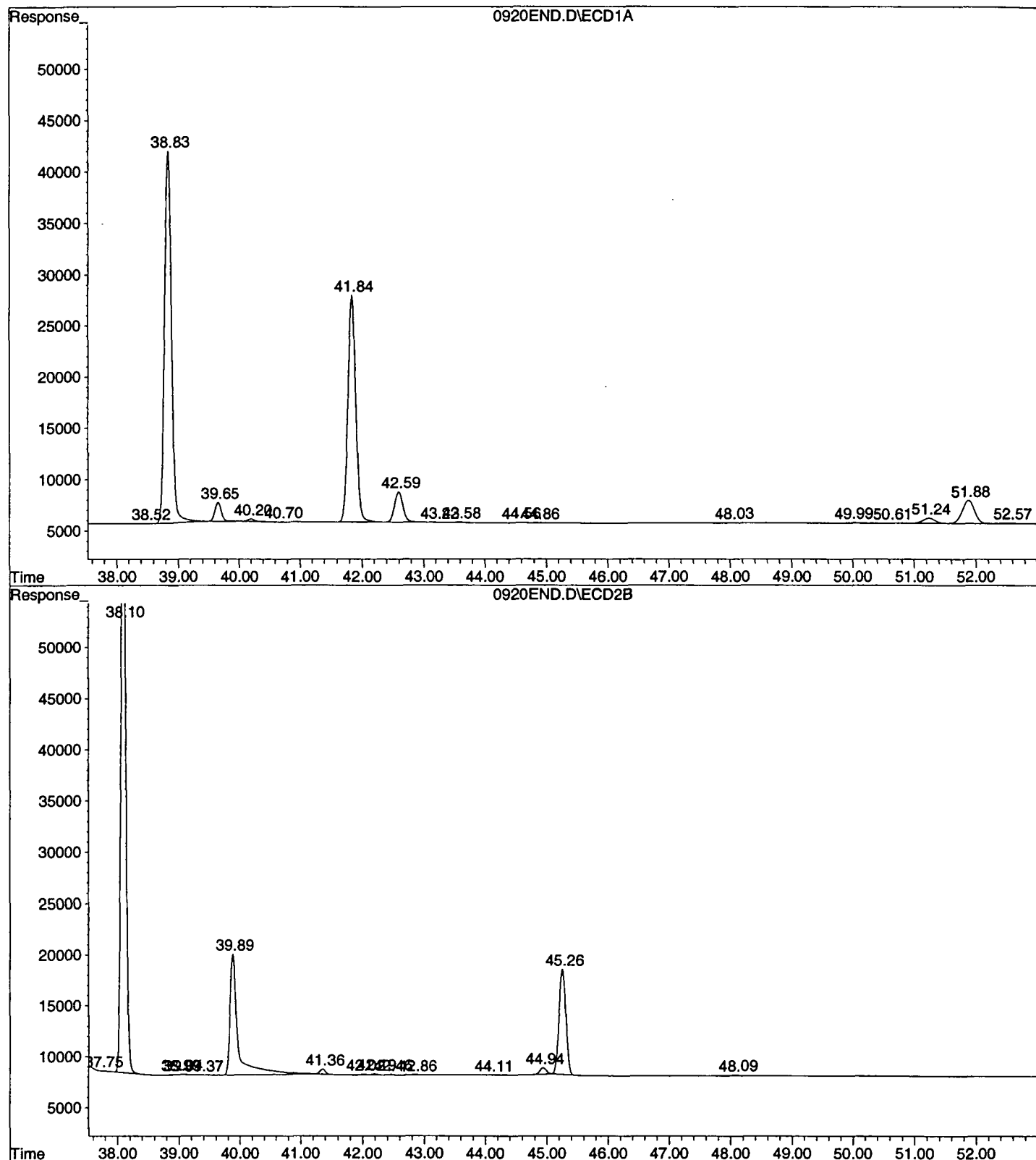
Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD2B.CH
Acq On : 20 Sep 2001 8:47 am Operator: Nefliu
Sample : ENDRIN DECOMPOSITION Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 21 13:29 2001 Quant Results File: 010918P.RES

Quant Method : C:\HPCHEM\1\METHODS\010918P.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Wed May 16 14:39:54 2001
Response via : Multiple Level Calibration
DataAcq Meth : 508F.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :



File : C:\HPCHEM\1\DATA\508F\010920\0920END.D
 Operator : Nefliu
 Acquired : 20 Sep 2001 8:47 am using AcqMethod 508F.M
 Instrument : 104
 Sample Name: ENDRIN DECOMPOSITION
 Misc Info :
 Vial Number: 4



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD1A.CH Vial: 4
 Signal #2 : C:\HPCHEM\1\DATA\508F\010920\0920END.D\ECD2B.CH
 Acq On : 20 Sep 2001 8:47 am Operator: Nefliu
 Sample : ENDRIN DECOMPOSITION Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e

Method : C:\HPCHEM\1\METHODS\010918P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal : 0920END.D\ECD1A								
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.319	1.283	1.372	BV	608	14630	0.51%	0.246%
2	1.385	1.372	1.419	VV	270	4236	0.15%	0.071%
3	1.472	1.419	1.859	PB	67	3443	0.12%	0.058%
4	2.501	2.435	2.526	BV	425	9595	0.34%	0.161%
5	2.671	2.526	2.833	VB	441	62713	2.20%	1.054%
6	2.977	2.926	3.181	VV	363	21054	0.74%	0.354%
7	3.220	3.181	3.343	VV	138	9974	0.35%	0.168%
8	3.383	3.343	3.410	VV	115	4132	0.15%	0.069%
9	3.454	3.410	3.529	VV	169	10643	0.37%	0.179%
10	3.554	3.529	3.613	VV	162	7933	0.28%	0.133%
11	3.660	3.613	3.680	VV	199	7347	0.26%	0.124%
12	3.705	3.680	3.778	VV	204	8235	0.29%	0.138%
13	4.194	3.778	4.258	PB	30	15946	0.56%	0.268%
14	4.467	4.395	4.540	BB	28	1033	0.04%	0.017%
15	5.383	4.946	5.436	BB	6	1083	0.04%	0.018%
16	6.200	5.614	6.257	BB	26	2040	0.07%	0.034%
17	9.913	9.397	10.093	BB	162	10842	0.38%	0.182%
18	11.125	10.682	11.247	BB	20	772	0.03%	0.013%
19	20.291	20.034	20.407	BB	14	835	0.03%	0.014%
20	23.718	23.586	23.906	BB	12	975	0.03%	0.016%
21	25.613	25.406	25.737	BB	14	1052	0.04%	0.018%
22	28.283	28.003	28.379	BB	4	560	0.02%	0.009%
23	29.621	29.272	30.327	BB	217	22481	0.79%	0.378%
24	32.122	31.904	32.307	BB	860	56305	1.98%	0.947%
25	33.217	33.040	33.418	BB	42	2360	0.08%	0.040%
26	34.493	34.353	34.613	BB	224	12847	0.45%	0.216%
27	34.701	34.615	34.793	BB	17	992	0.03%	0.017%
28	35.659	35.439	35.756	BB	18	1369	0.05%	0.023%
29	36.291	36.029	36.426	BB	367	19617	0.69%	0.330%
30	38.524	38.094	38.617	BB	21	1351	0.05%	0.023%
31	38.835	38.617	39.477	BB	36260	2848381	100.00%	47.894%
32	39.649	39.475	40.015	BB	1827	134093	4.71%	2.255%
33	40.199	40.015	40.415	BB	249	19209	0.67%	0.323%
34	40.699	40.516	40.827	BB	14	866	0.03%	0.015%
35	41.837	41.440	42.377	BB	22164	1935983	67.97%	32.552%
36	42.593	42.375	43.092	BB	2964	282189	9.91%	4.745%
37	43.225	43.093	43.411	BB	15	1361	0.05%	0.023%
38	43.584	43.410	43.961	BB	58	6872	0.24%	0.116%
39	44.561	44.329	44.727	BB	38	3149	0.11%	0.053%
40	44.864	44.730	45.065	BB	15	1197	0.04%	0.020%
41	48.033	47.763	48.239	BB	41	4699	0.16%	0.079%
42	49.986	49.650	50.263	BB	58	7203	0.25%	0.121%
43	50.615	50.263	50.754	BB	10	1371	0.05%	0.023%
44	51.239	50.920	51.547	BB	496	66839	2.35%	1.124%
45	51.879	51.549	52.245	BB	2231	308557	10.83%	5.188%
46	52.570	52.300	52.908	BB	60	8911	0.31%	0.150%

Sum of corrected areas: 5947273

Signal #2 0920END.D\ECD2B

1	1.578	1.553	1.667	BV	513	15307	0.39%	0.149%
2	2.605	1.848	2.697	BV	200	51708	1.33%	0.504%
3	3.229	2.697	3.282	PV	572	202221	5.20%	1.970%
4	3.359	3.282	3.404	VV	394	29371	0.76%	0.286%
5	3.536	3.404	3.627	VB	171	21129	0.54%	0.206%
6	3.958	3.746	4.029	VB	105	9774	0.25%	0.095%
7	4.210	4.030	4.234	BB	17	3979	0.10%	0.039%
8	5.029	4.748	5.040	BB	3	703	0.02%	0.007%
9	5.908	5.363	5.922	BB	5	1247	0.03%	0.012%
10	6.022	5.923	6.061	BB	27	772	0.02%	0.008%
11	6.311	6.271	6.369	BB	22	671	0.02%	0.007%
12	8.580	8.498	8.627	BB	17	713	0.02%	0.007%
13	9.329	8.628	9.339	BB	4	3476	0.09%	0.034%
14	9.828	9.338	10.028	BB	169	13326	0.34%	0.130%
15	11.846	10.855	11.860	BB	4	1408	0.04%	0.014%
16	12.309	12.213	12.370	BB	12	605	0.02%	0.006%
17	12.525	12.369	12.537	BB	5	616	0.02%	0.006%
18	12.702	12.536	12.801	BB	36	1817	0.05%	0.018%
19	14.728	14.671	14.802	BB	14	656	0.02%	0.006%
20	23.658	23.444	23.786	BB	139	8674	0.22%	0.085%
21	27.612	27.438	27.773	BB	611	38978	1.00%	0.380%
22	28.121	27.936	28.293	BB	1374	78776	2.03%	0.767%
23	29.050	28.652	29.064	BB	3	776	0.02%	0.008%
24	29.257	29.064	29.334	BB	31	1832	0.05%	0.018%
25	29.795	29.681	29.907	BB	75	4087	0.11%	0.040%
26	30.861	30.736	31.063	BB	8	924	0.02%	0.009%
27	31.421	31.062	31.524	BB	152	8207	0.21%	0.080%
28	31.965	31.744	32.014	BB	13	828	0.02%	0.008%
29	32.106	32.014	32.219	BB	36	2041	0.05%	0.020%
30	32.592	32.512	32.692	BB	25	1079	0.03%	0.011%
31	33.119	32.885	33.278	BB	663	30102	0.77%	0.293%
32	33.818	33.723	33.879	BB	29	1069	0.03%	0.010%
33	34.395	34.246	34.478	BB	22	810	0.02%	0.008%
34	34.857	34.625	35.304	BB	76056	3886496	100.00%	37.865%
35	35.405	35.304	35.546	BB	68	3622	0.09%	0.035%
36	35.734	35.593	35.832	BB	238	10324	0.27%	0.101%
37	36.122	35.880	36.139	BB	5	573	0.01%	0.006%
38	37.041	36.882	37.125	BB	326	14037	0.36%	0.137%
39	37.236	37.124	37.700	BB	3332	326157	8.39%	3.178%
40	37.747	37.700	37.924	BB	31	1499	0.04%	0.015%
41	38.101	37.926	38.574	BB	65903	3458858	89.00%	33.698%
42	38.994	38.783	39.015	BB	7	505	0.01%	0.005%
43	39.036	39.014	39.297	BB	9	1046	0.03%	0.010%
44	39.372	39.298	39.445	BB	16	660	0.02%	0.006%
45	39.885	39.649	41.199	BB	11884	1111446	28.60%	10.828%
46	41.364	41.199	41.639	BB	505	31089	0.80%	0.303%
47	42.020	41.868	42.103	BB	65	3153	0.08%	0.031%
48	42.194	42.102	42.337	BB	97	5771	0.15%	0.056%
49	42.463	42.336	42.600	BB	60	4024	0.10%	0.039%
50	42.861	42.598	42.970	BB	25	2069	0.05%	0.020%
51	44.110	43.922	44.234	BB	14	1106	0.03%	0.011%
52	44.937	44.702	45.074	BB	645	45857	1.18%	0.447%
53	45.257	45.075	45.620	BB	10334	808981	20.82%	7.882%
54	48.090	47.897	48.311	BB	98	9252	0.24%	0.090%

Sum of corrected areas: 10264205

0920END.D 010918P.M Fri Sep 21 13:30:07 2001