

User: Neffiu, Marcela
 Westchester Dept. of Labs & Research
 Date: 10/17/2001 Time: 09:09:45

Sample: AD23473
 Analysis: SED508 Organochlorine Pesticides
 Units: ug
 Started: 9/27/01 09:06 Ended: 10/12/01 09:06 Analyst: MN
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Endrin	5.0			
2	Endrin aldehyde				0.1
3	Endrin ketone				0.1
4	DDT				0.1
5	DDD				0.1
6	DDE				0.1

Quantitation Report (Not Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD1A.CH Vial: 86
 Signal #2 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD2B.CH
 Acq On : 13 Oct 2001 1:47 pm Operator: Nefliu
 Sample : endrin decomposition Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Oct 13 14:40 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00
 Last Update : Tue Oct 31 13:22:28 2000
 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
System Monitoring Compounds						
9) S 2,4-DDD SURROGAT	39.05f	34.63	153077	4282201	0.066	0.765 #
Spiked Amount	0.200		Recovery	=	33.00%	382.50%
Target Compounds						
5) HEPTACHLOR EPOXI	32.73	29.54	5525	5832	0.001	0.001 #
6) DIELDRIN	36.47	33.58	1322	1348	0.000	0.000 #
7) ENDRIN	39.05f	34.63	153077	4282201	0.059	0.720 #
8) METHOXYCHLOR	50.65	41.86f	577494	10419	0.732	0.004 #

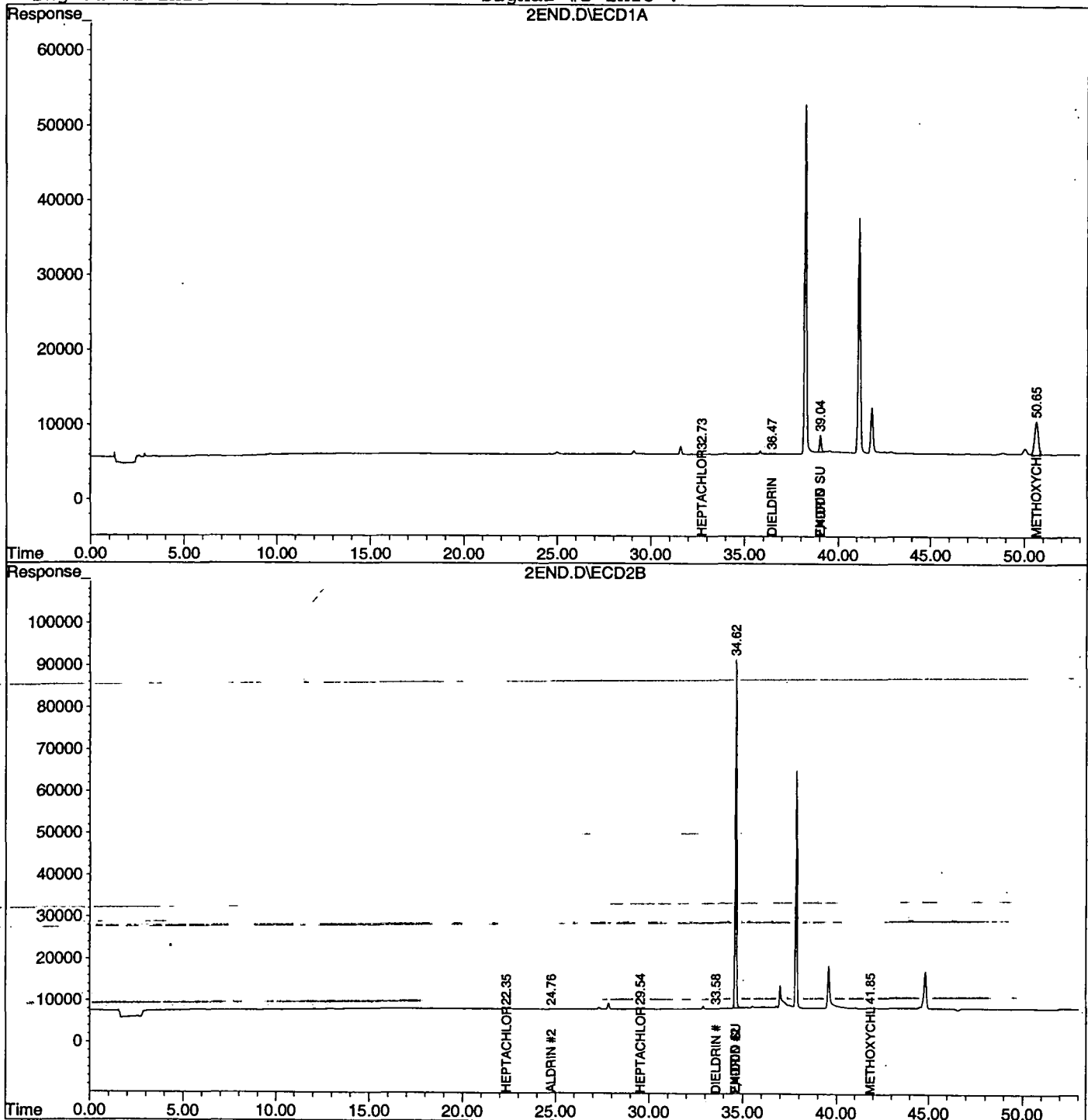
$$\% \text{ endrin breakdown} = \frac{564734 + 577494}{() + 3570326} = \frac{1146228}{4656554} = 25\%$$

Quantitation Report

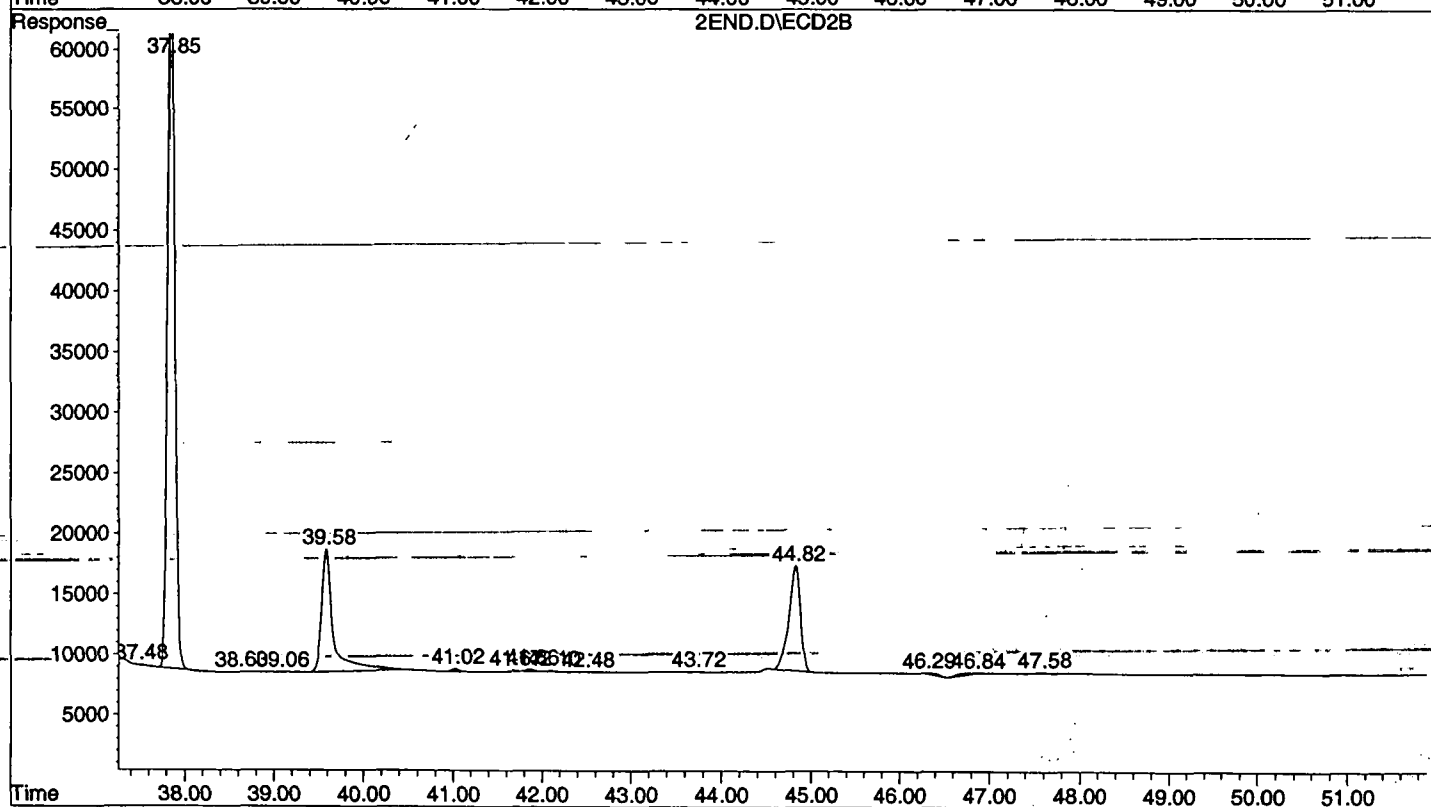
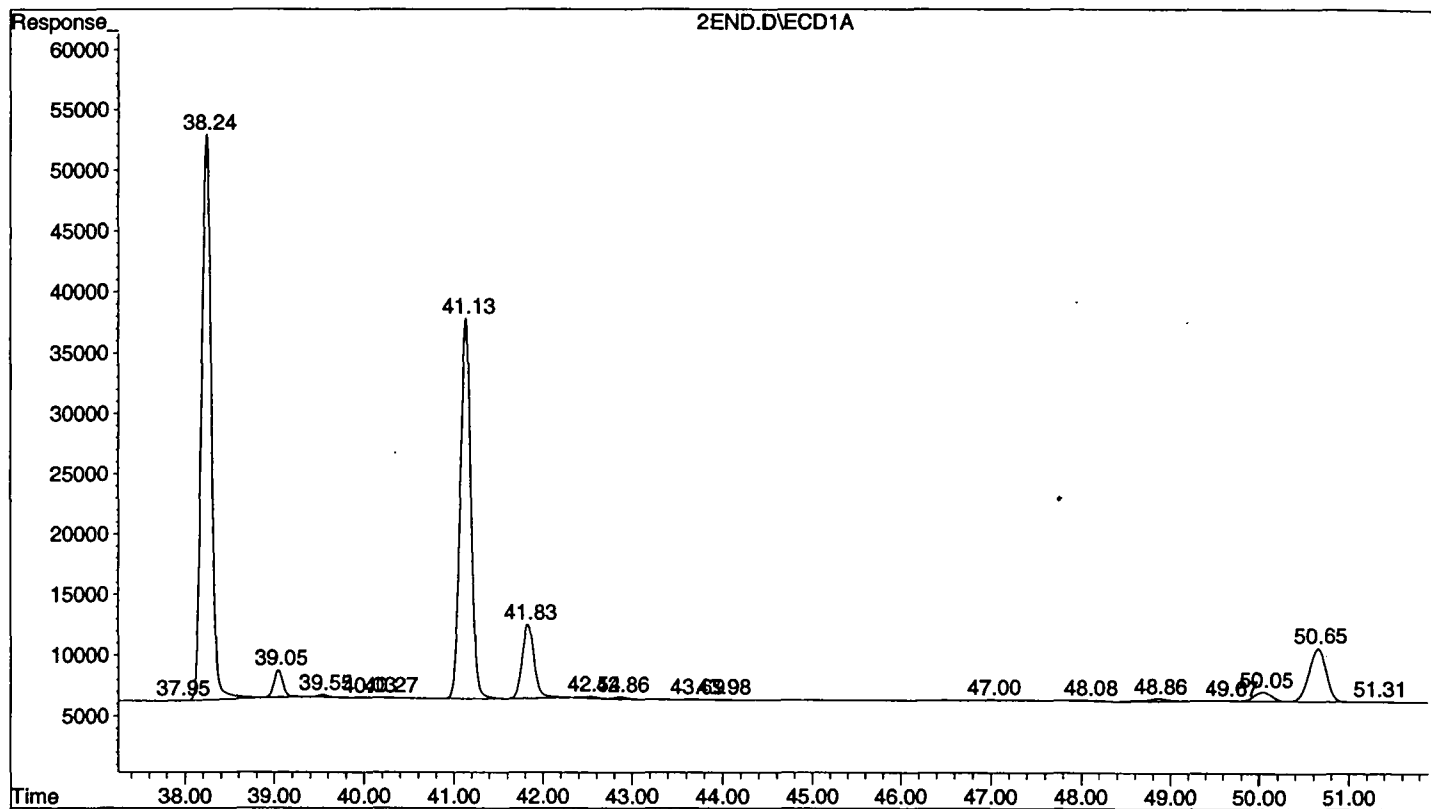
Signal #1 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD1A.CH Vial: 86
Signal #2 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD2B.CH
Acq On : 13 Oct 2001 1:47 pm Operator: Nefliu
Sample : endrin decomposition Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Oct 13 14:40 2001 Quant Results File: 508F.RES

Quant Method : C:\HPCHEM\1\METHODS\508F.M (Chemstation Integrator)
Title : 508 CHLORINATED PESTICIDES 9/6/00
Last Update : Tue Oct 31 13:22:28 2000
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\011012\2END.D
 Operator : Nefliu
 Acquired : 13 Oct 2001 1:47 pm using AcqMethod 508F.M
 Instrument : 104
 Sample Name: endrin decomposition
 Misc Info :
 Vial Number: 86



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD1A.CH Vial: 86
 Signal #2 : C:\HPCHEM\1\DATA\508F\011012\2END.D\ECD2B.CH
 Acq On : 13 Oct 2001 1:47 pm 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\011012P.M (Chemstation Integrator)
 Title : 508 CHLORINATED PESTICIDES 9/6/00

Signal : 2END.D\ECD1A								
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.262	1.230	1.314	BV	761	13001	0.37%	0.162%
2	1.329	1.314	1.362	VV	249	3627	0.10%	0.045%
3	1.428	1.362	1.723	PB	82	7086	0.20%	0.088%
4	1.905	1.856	1.951	BB	20	535	0.02%	0.007%
5	2.336	2.249	2.366	BV	28	674	0.02%	0.008%
6	2.413	2.366	2.433	PV	602	14682	0.42%	0.183%
7	2.466	2.433	2.498	VV	748	24524	0.70%	0.305%
8	2.575	2.498	2.723	VB	562	49173	1.40%	0.612%
9	2.870	2.769	3.062	BV	515	24407	0.70%	0.304%
10	3.104	3.062	3.220	VB	90	3700	0.11%	0.046%
11	3.335	3.223	3.487	BV	144	13342	0.38%	0.166%
12	3.538	3.487	3.552	VV	114	3859	0.11%	0.048%
13	3.591	3.552	3.657	VV	132	5346	0.15%	0.067%
14	3.773	3.657	3.991	PB	109	9103	0.26%	0.113%
15	4.184	4.094	4.270	BB	17	529	0.02%	0.007%
16	4.324	4.270	4.389	BB	60	1937	0.06%	0.024%
17	5.108	4.968	5.141	BB	6	509	0.01%	0.006%
18	6.004	5.695	6.048	BB	24	2027	0.06%	0.025%
19	6.256	6.182	6.371	BB	32	966	0.03%	0.012%
20	7.559	7.432	7.612	BB	8	544	0.02%	0.007%
21	9.455	9.104	9.508	BB	12	1430	0.04%	0.018%
22	9.615	9.508	9.797	BB	119	8599	0.24%	0.107%
23	11.281	11.008	11.371	BB	54	5598	0.16%	0.070%
24	11.519	11.370	11.536	BB	9	1354	0.04%	0.017%
25	12.215	11.913	12.303	BB	17	1724	0.05%	0.021%
26	12.326	12.302	12.525	BB	5	724	0.02%	0.009%
27	12.747	12.536	12.773	BB	6	1028	0.03%	0.013%
28	16.034	15.929	16.171	BB	12	817	0.02%	0.010%
29	16.877	16.692	16.955	BB	16	753	0.02%	0.009%
30	18.119	17.961	18.334	BB	18	1522	0.04%	0.019%
31	19.712	19.556	19.984	BB	20	2077	0.06%	0.026%
32	20.670	20.533	20.803	BB	12	900	0.03%	0.011%
33	24.997	24.660	25.231	BB	253	22486	0.64%	0.280%
34	26.920	26.666	27.035	BB	15	1163	0.03%	0.014%
35	28.555	28.280	28.664	BB	11	1050	0.03%	0.013%
36	29.104	28.764	29.538	BB	428	37380	1.06%	0.466%
37	31.591	31.297	31.877	BB	1055	74319	2.12%	0.926%
38	32.188	31.876	32.230	BB	5	1262	0.04%	0.016%
39	32.733	32.539	32.883	BB	97	5525	0.16%	0.069%
40	34.020	33.724	34.162	BB	105	5363	0.15%	0.067%
41	34.226	34.164	34.332	BB	11	565	0.02%	0.007%
42	34.952	34.749	35.036	BB	17	1292	0.04%	0.016%
43	35.171	35.038	35.378	BB	20	2026	0.06%	0.025%
44	35.834	35.712	36.001	BB	398	22204	0.63%	0.277%
45	36.467	36.229	36.630	BB	21	1322	0.04%	0.016%
46	37.951	37.699	38.023	BB	20	922	0.03%	0.011%
47	38.241	38.022	38.889	BB	46628	3510326	100.00%	43.724%
48	39.046	38.890	39.356	BB	2223	153077	4.36%	1.907%
49	39.545	39.358	39.870	BB	186	13866	0.39%	0.173%
50	40.027	39.881	40.170	BB	17	1772	0.05%	0.022%

endrin

51	40.267	40.170	40.442	BB	14	984	0.03%	0.012%
52	41.131	40.889	41.615	BB	31402	2613875	74.46%	32.558%
53	41.831	41.618	42.318	BB	6073	568734	16.20%	7.084%
54	42.541	42.319	42.719	BB	136	15174	0.43%	0.189%
55	42.864	42.720	43.193	BB	168	17096	0.49%	0.213%
56	43.691	43.460	43.855	BB	61	5164	0.15%	0.064%
57	43.985	43.856	44.191	BB	60	5139	0.15%	0.064%
58	47.005	46.661	47.201	BB	56	6020	0.17%	0.075%
59	48.077	47.802	48.396	BB	53	11947	0.34%	0.149%
60	48.858	48.398	49.233	BB	225	42673	1.22%	0.532%
61	49.668	49.233	49.756	BB	11	898	0.03%	0.011%
62	50.048	49.756	50.331	BB	735	94622	2.70%	1.179%
63	50.651	50.330	51.090	BB	4401	577494	16.45%	7.193%
64	51.315	51.092	51.570	BB	44	5669	0.16%	0.071%
65	52.743	52.409	52.882	BB	6	853	0.02%	0.011%

*under old**under Kelton*

Sum of corrected areas: 8028358

Signal #2 2END.D\ECD2B

1	1.543	1.511	1.631	BV	623	18446	0.43%	0.178%
2	2.570	1.820	2.653	BV	171	42825	1.00%	0.413%
3	3.161	2.653	3.237	PV	1015	283282	6.62%	2.732%
4	3.307	3.237	3.348	VV	840	56143	1.31%	0.541%
5	3.728	3.348	3.744	VV	446	141865	3.31%	1.368%
6	3.887	3.744	3.958	VV	295	39848	0.93%	0.384%
7	4.183	3.958	4.198	VB	18	12727	0.30%	0.123%
8	4.912	4.657	4.974	BB	19	2689	0.06%	0.026%
9	5.915	5.171	5.962	BB	50	18320	0.43%	0.177%
10	6.065	5.962	6.128	BB	18	1126	0.03%	0.011%
11	9.717	9.513	9.882	BB	91	8275	0.19%	0.080%
12	12.151	11.495	12.188	BB	8	1320	0.03%	0.013%
13	22.349	22.214	22.492	BB	12	883	0.02%	0.009%
14	23.376	23.149	23.512	BB	94	6162	0.14%	0.059%
15	24.761	24.674	24.838	BB	11	670	0.02%	0.006%
16	27.336	27.065	27.518	BB	393	26345	0.62%	0.254%
17	27.838	27.627	28.014	BB	1420	86065	2.01%	0.830%
18	29.010	28.855	29.130	BB	24	1622	0.04%	0.016%
19	29.545	29.231	29.665	BB	106	5832	0.14%	0.056%
20	31.184	30.984	31.292	BB	148	7242	0.17%	0.070%
21	31.423	31.293	31.518	BB	9	544	0.01%	0.005%
22	31.863	31.772	31.937	BB	30	1344	0.03%	0.013%
23	32.350	32.225	32.423	BB	19	712	0.02%	0.007%
24	32.898	32.710	33.003	BB	686	31736	0.74%	0.306%
25	33.035	33.002	33.138	BB	15	590	0.01%	0.006%
26	33.583	33.509	33.698	BB	27	1348	0.03%	0.013%
27	34.169	34.087	34.223	BB	15	598	0.01%	0.006%
28	34.625	34.327	34.987	BB	82940	4282201	100.00%	41.301%
29	35.202	35.062	35.304	BB	52	2731	0.06%	0.026%
30	35.523	35.304	35.687	BB	278	13565	0.32%	0.131%
31	35.874	35.688	35.894	BB	7	508	0.01%	0.005%
32	36.073	35.894	36.094	BB	10	728	0.02%	0.007%
33	36.169	36.094	36.225	BB	20	878	0.02%	0.008%
34	36.604	36.501	36.693	BB	67	3782	0.09%	0.036%
35	36.795	36.693	36.883	BB	390	18974	0.44%	0.183%
36	37.000	36.885	37.454	BB	5140	458864	10.72%	4.426%
37	37.483	37.453	37.689	BB	40	1127	0.03%	0.011%
38	37.847	37.689	38.413	BB	56303	3014636	70.40%	29.075%
39	38.595	38.463	38.739	BB	34	2473	0.06%	0.024%
40	39.058	38.950	39.128	BB	12	550	0.01%	0.005%
41	39.581	39.370	40.436	BB	10120	921547	21.52%	8.888%
42	41.019	40.837	41.160	BB	214	12423	0.29%	0.120%
43	41.671	41.533	41.754	BB	106	5686	0.13%	0.055%
44	41.857	41.756	41.980	BB	167	10419	0.24%	0.100%
45	42.101	41.981	42.226	BB	83	5246	0.12%	0.051%

46	42.480	42.337	42.572	BB	24	1525	0.04%	0.015%
47	43.716	43.570	43.829	BB	17	1133	0.03%	0.011%
48	44.822	44.570	45.125	BB	8645	772699	18.04%	7.452%
49	46.294	46.266	46.531	BB	40	11134	0.26%	0.107%
50	46.840	46.533	46.878	BB	43	17937	0.42%	0.173%
51	47.576	47.335	47.731	BB	105	9045	0.21%	0.087%

Sum of corrected areas: 10368372

2END.D 011012P.M Mon Oct 15 11:09:51 2001