

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 09/20/2001 Time: 15:05:16

Sample: AD22166
Analysis: \$ED508 Organochlorine Pesticides
Units: ug
Started: 9/12/01 14:40 Ended: 9/19/01 14:40 Analyst: MN
Result source: manual entry
Page: 1

120%

	Component Name	Viol	Result	Qualifier	MDL
1	Endrin		0.43 13%		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
9/20/1

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD1A.CH Vial: 6
 Signal #2 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD2B.CH
 Acq On : 18 Sep 2001 9:52 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 18 17:18 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	34.85	1480899	1997251	0.434	0.389m

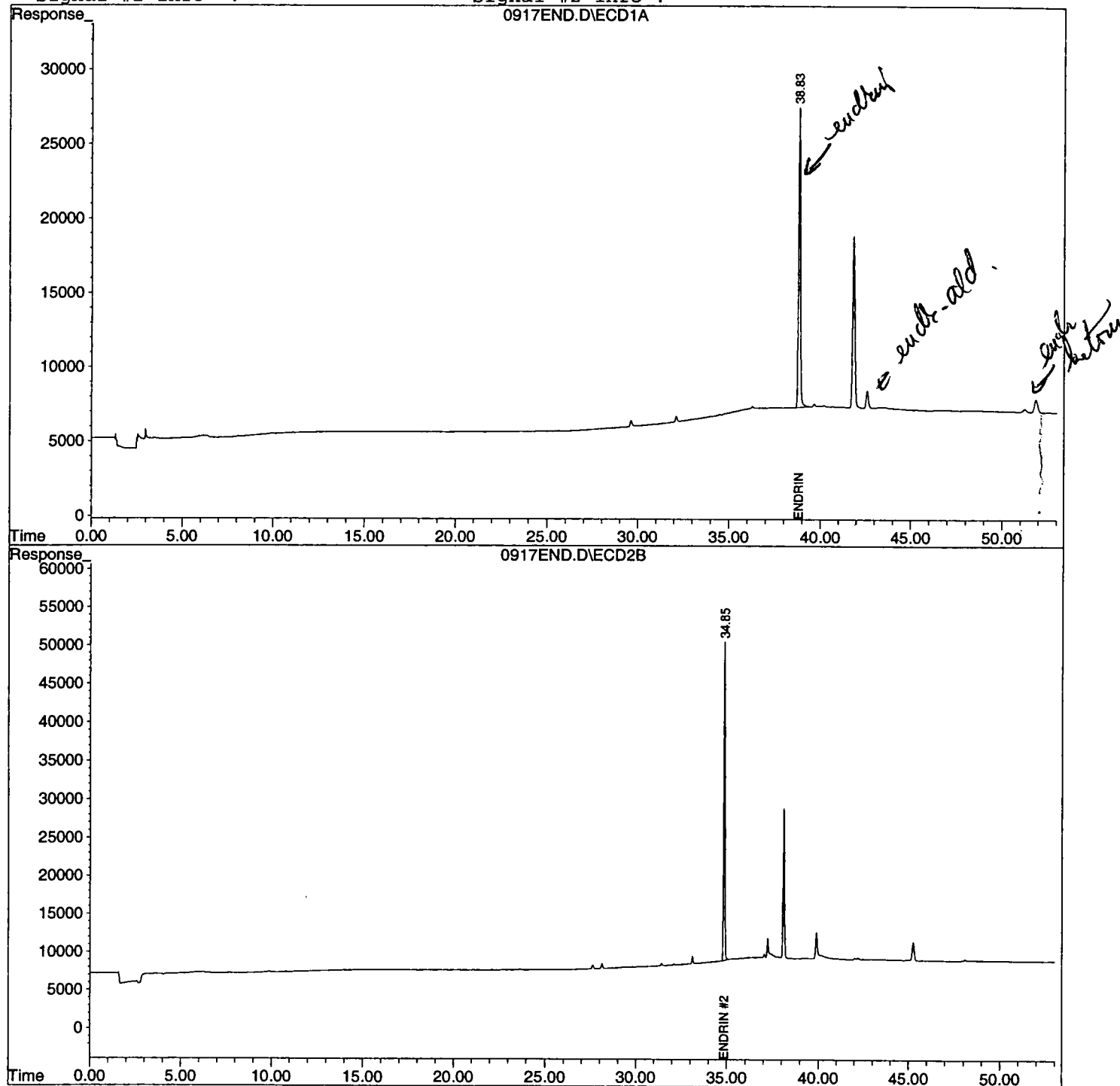
$$\% \text{ endrin breakdown} = \frac{102524 + 116294}{() + 1480899} = \frac{218878}{1699777} = 13\%$$

Quantitation Report

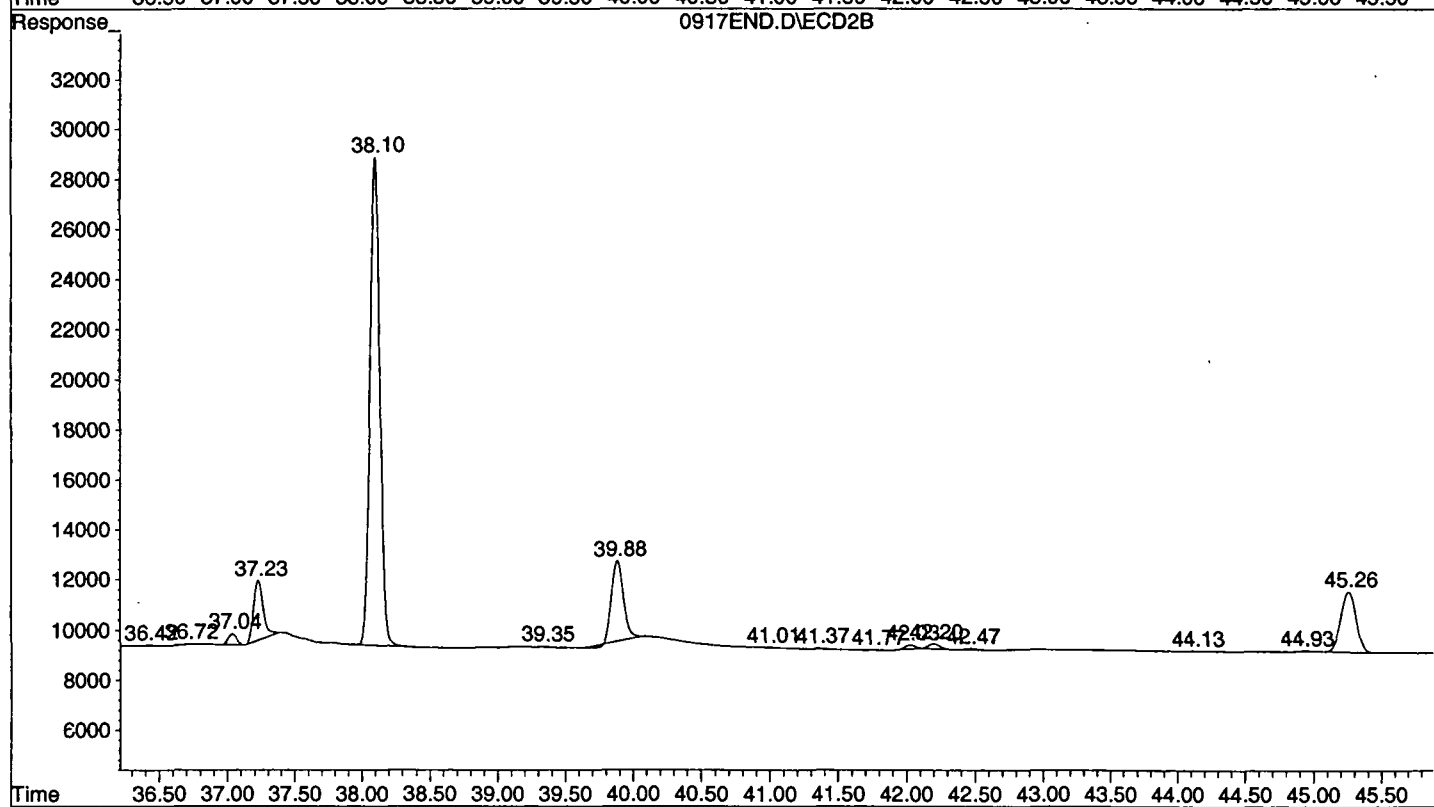
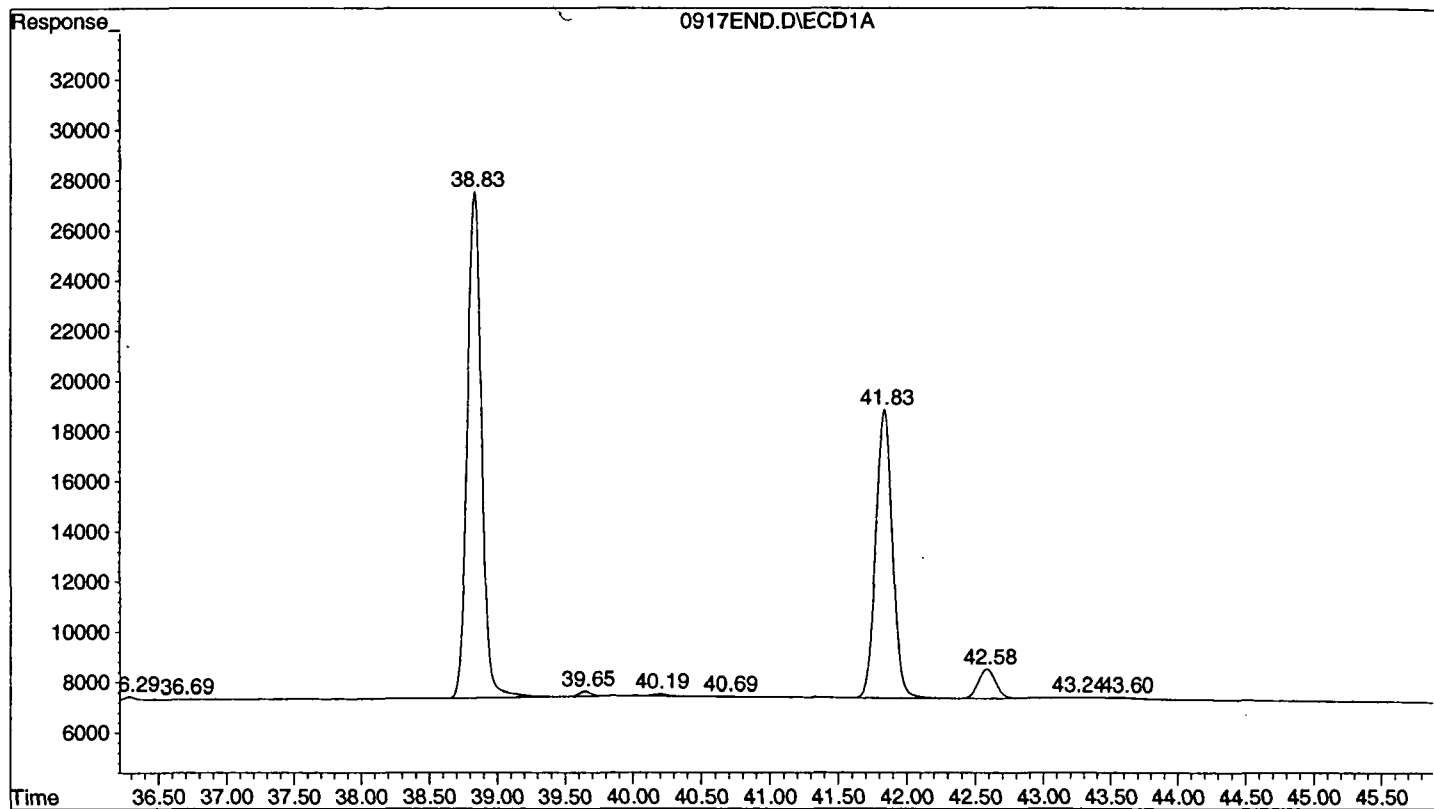
Signal #1 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD1A.CH Vial: 6
Signal #2 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD2B.CH
Acq On : 18 Sep 2001 9:52 am Operator: Nefliu
Sample : ENDRIN DECOMPOSITION Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 18 17:18 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\010917\0917END.D
 Operator : Nefliu
 Acquired : 18 Sep 2001 9:52 am using AcqMethod 508F.M
 Instrument : 104
 Sample Name: ENDRIN DECOMPOSITION
 Misc Info :
 Vial Number: 6



Area Percent Report

Signal #1 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD1A.CH Vial: 6
 Signal #2 : C:\HPCHEM\1\DATA\508F\010917\0917END.D\ECD2B.CH
 Acq On : 18 Sep 2001 9:52 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 : 0917END.D\ECD1A								
peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.317	1.283	1.372	BV	456	11292	0.76%	0.388%
2	1.386	1.372	1.425	VV	251	3757	0.25%	0.129%
3	1.472	1.425	1.692	PB	37	3206	0.22%	0.110%
4	2.396	2.344	2.456	BV	28	882	0.06%	0.030%
5	2.499	2.456	2.528	PV	651	15317	1.03%	0.527%
6	2.561	2.528	2.594	VV	825	25506	1.72%	0.877%
7	2.627	2.594	2.847	VB	555	44993	3.04%	1.547%
8	2.977	2.903	3.187	BV	677	28442	1.92%	0.978%
9	3.220	3.187	3.337	VB	84	3275	0.22%	0.113%
10	3.392	3.343	3.412	BV	46	1035	0.07%	0.036%
11	3.450	3.412	3.526	VV	98	3783	0.26%	0.130%
12	3.562	3.526	3.621	VB	29	931	0.06%	0.032%
13	5.534	5.116	5.561	BB	5	564	0.04%	0.019%
14	5.919	5.564	5.976	BB	32	1035	0.07%	0.036%
15	6.189	5.993	6.237	BB	40	1865	0.13%	0.064%
16	7.086	6.986	7.159	BB	19	652	0.04%	0.022%
17	8.091	7.370	8.180	BB	51	551	0.04%	0.019%
18	10.987	10.552	10.997	BB	2	679	0.05%	0.023%
19	25.631	25.326	25.746	BB	16	1336	0.09%	0.046%
20	34.495	32.239	34.592	BB	76	4253	0.29%	0.146%
21	35.712	34.591	35.727	BB	8	14414	0.97%	0.495%
22	36.288	35.727	36.400	BB	136	12119	0.82%	0.417%
23	36.686	36.528	36.723	BB	7	512	0.03%	0.018%
24	38.829	38.588	39.409	BB	20169	1480899	100.00%	50.907%
25	39.648	39.476	39.782	BB	179	11889	0.80%	0.409%
26	40.191	40.038	40.371	BB	81	6157	0.42%	0.212%
27	40.690	40.589	40.823	BB	14	1043	0.07%	0.036%
28	41.830	41.558	42.357	BB	11500	974935	65.83%	33.514%
29	42.584	42.357	42.894	BB	1155	102584	6.93%	3.526%
30	43.237	42.933	43.296	BB	8	527	0.04%	0.018%
31	43.601	43.442	43.938	BB	39	3917	0.26%	0.135%
32	48.452	48.416	48.789	BB	5	669	0.05%	0.023%
33	49.435	49.289	49.656	BB	11	1196	0.08%	0.041%
34	49.988	49.845	50.135	BB	10	975	0.07%	0.034%
35	51.237	50.920	51.519	BB	204	27540	1.86%	0.947%
36	51.868	51.521	52.251	BB	868	116294	7.85%	3.998%

Sum of corrected areas: 2909022

Signal #2 0917END.D\ECD2B

1	1.536	1.495	1.556	BV	360	9690	0.49%	0.237%
2	1.573	1.556	1.655	VV	798	23902	1.21%	0.584%
3	2.593	1.851	2.703	BV	251	70041	3.55%	1.710%
4	3.201	2.703	3.296	PV	648	209918	10.64%	5.126%
5	3.375	3.296	3.414	VV	418	30403	1.54%	0.742%
6	3.546	3.414	3.710	VB	245	34018	1.72%	0.831%
7	3.866	3.819	3.908	VV	55	2616	0.13%	0.064%
8	3.931	3.908	4.030	VB	79	4951	0.25%	0.121%
9	4.283	4.039	4.301	BB	12	7188	0.36%	0.176%
10	5.719	5.313	5.731	BB	5	954	0.05%	0.023%

11	6.015	5.887	6.055	BB	24	940	0.05%	0.023%
12	6.241	6.193	6.311	BB	38	1183	0.06%	0.029%
13	7.667	7.529	7.747	BB	35	1153	0.06%	0.028%
14	9.859	9.650	10.032	BB	127	11260	0.57%	0.275%
15	10.751	10.616	10.844	BB	41	1774	0.09%	0.043%
16	11.374	10.961	11.384	BB	3	615	0.03%	0.015%
17	11.625	11.384	11.662	BB	6	928	0.05%	0.023%
18	12.291	11.974	12.361	BB	11	1764	0.09%	0.043%
19	12.706	12.636	12.769	BB	20	832	0.04%	0.020%
20	13.210	12.770	13.238	BB	4	885	0.04%	0.022%
21	14.733	14.532	14.827	BB	31	2123	0.11%	0.052%
22	17.353	17.265	17.468	BB	20	1101	0.06%	0.027%
23	19.122	19.013	19.202	BB	17	716	0.04%	0.017%
24	23.662	23.505	23.816	BB	128	8399	0.43%	0.205%
25	27.609	26.906	27.778	BB	468	28596	1.45%	0.698%
26	28.118	27.818	28.277	BB	640	36216	1.84%	0.884%
27	29.251	28.826	29.343	BB	40	2454	0.12%	0.060%
28	29.789	29.488	29.878	BB	32	1399	0.07%	0.034%
29	30.623	30.329	30.639	BB	5	1005	0.05%	0.025%
30	30.989	30.640	31.065	BB	23	3284	0.17%	0.080%
31	31.417	31.063	31.525	BB	309	17849	0.90%	0.436%
32	32.097	31.993	32.197	BB	106	4935	0.25%	0.121%
33	33.117	32.199	33.234	BB	958	38238	1.94%	0.934%
34	33.563	33.368	33.579	BB	7	658	0.03%	0.016%
35	33.843	33.580	33.863	BB	9	762	0.04%	0.019%
36	34.853	34.236	35.097	BB	41439	1972562	100.00%	48.170%
37	35.730	35.645	35.801	BB	59	2221	0.11%	0.054%
38	36.115	35.801	36.159	BB	12	609	0.03%	0.015%
39	36.423	36.335	36.503	BB	35	1396	0.07%	0.034%
40	36.718	36.541	36.780	BB	28	1171	0.06%	0.029%
41	37.040	36.914	37.125	BB	435	19264	0.98%	0.470%
42	37.230	37.125	37.388	BB	2330	115144	5.84%	2.812%
43	38.099	37.905	38.458	BB	19490	994351	50.41%	24.282%
44	39.353	39.202	39.443	BB	29	1405	0.07%	0.034%
45	39.883	39.636	40.073	BB	3174	194055	9.84%	4.739%
46	41.005	40.950	41.278	BB	13	764	0.04%	0.019%
47	41.365	41.289	41.513	BB	32	1771	0.09%	0.043%
48	41.771	41.646	41.851	BB	13	538	0.03%	0.013%
49	42.026	41.852	42.105	BB	148	7382	0.37%	0.180%
50	42.195	42.108	42.357	BB	189	11467	0.58%	0.280%
51	42.465	42.358	42.605	BB	55	3555	0.18%	0.087%
52	44.129	44.050	44.210	BB	13	618	0.03%	0.015%
53	44.932	44.763	45.019	BB	30	1984	0.10%	0.048%
54	45.256	45.019	45.487	BB	2371	184648	9.36%	4.509%
55	48.089	47.819	48.326	BB	176	16046	0.81%	0.392%
56	49.027	48.910	49.216	BB	12	1267	0.06%	0.031%

Sum of corrected areas: 4094971

0917END.D 010918P.M Tue Sep 18 17:19:33 2001