

User: Nefliu, Marcela
Westchester Dept. of Labs & Research
Date: 09/19/2001 Time: 15:58:28

Sample: AD22166
Analysis: \$C1515 Chlorophenoxy Acid Herbicide Calibration
Units: ug
Started: 9/12/01 15:38 Ended: 9/17/01 15:38 Analyst: MN
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Dalapon		2.3		0.80
2	Dicamba		0.24		0.080
3	2,4-D		0.24		0.080
4	Pentachlorophenol		0.24		0.040
5	Silvex		0.25		0.080
6	2,4,5-T		0.20		0.10
7	Dinoseb		0.52		0.16
8	DCPA, di-acid		2.4		1.0
9	Picloram		0.50		0.08
10	Surr_2,4-DCAA		0.48		

Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010915\0915C2B.D\ECD1A.CH Vial: 10
 Signal #2 : C:\HPCHEM\1\DATA\515F\010915\0915C2B.D\ECD2B.CH
 Acq On : 15 Sep 2001 4:31 pm Operator: Nefliu
 Sample : C2B Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 18 14:26 2001 Quant Results File: 010917H.RES

Quant Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Mon Sep 17 08:57:29 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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						
2) S DCAA SURROGATE	13.56	12.84	210627	224052	0.472	0.479
Spiked Amount 2.000			Recovery	=	23.60%	23.95%
Target Compounds						
1) DALAPON	4.89	4.83	1045334	1246737	2.286m	2.256 90%
3) DICAMBA	13.97	13.13	380291	434325	0.240	0.242 97%
4) 2,4-D	15.43	14.83	138922	160005	0.243	0.242 97%
5) PENTACHLOROPHENO	16.09	15.00	1487678	1788783	0.244	0.242 97%
6) SILVEX	16.37	15.82	607642	745890	0.248	0.246 98%
7) 2,4,5-T	17.10	16.47	467393	607486	0.199m	0.198m 99%
8) DINOSEB	17.24	17.89	664432	776905	0.509m	0.519 104%
9) DCPA, DI-ACID	19.54	18.54	3716615	4606646	2.430	2.404 96%
10) PICLORAM	20.98	19.65	1076598	1355547	0.469	0.497 99%

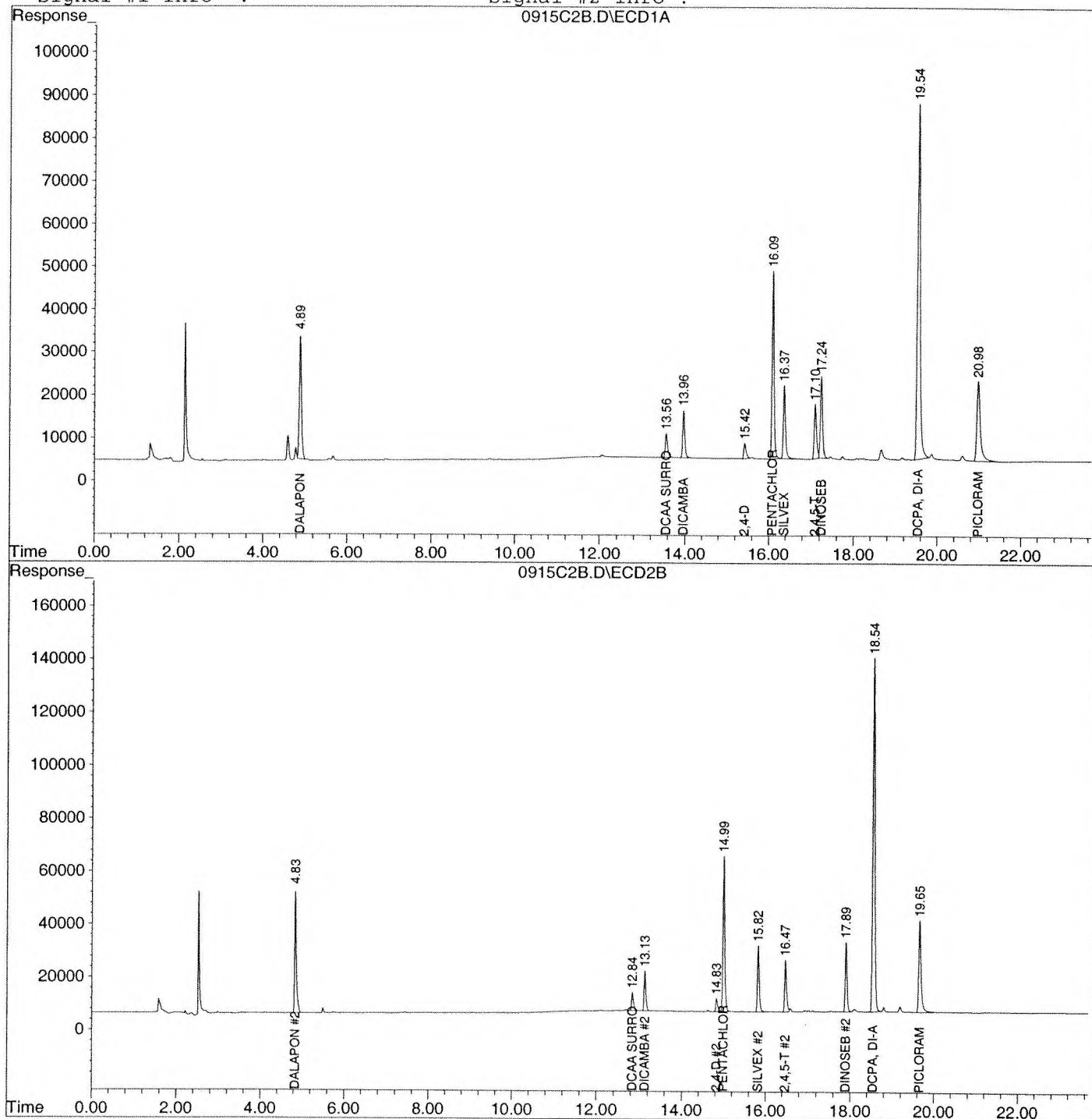
initial cal. → batch # 1438
 3/19/01

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010915\0915C2B.D\ECD1A.CH Vial: 10
Signal #2 : C:\HPCHEM\1\DATA\515F\010915\0915C2B.D\ECD2B.CH
Acq On : 15 Sep 2001 4:31 pm Operator: Nefliu
Sample : C2B Inst : 104
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IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 18 14:26 2001 Quant Results File: 010917H.RES

Quant Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Mon Sep 17 08:57:29 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010917\0917C1B.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\515F\010917\0917C1B.D\ECD2B.CH
Acq On : 17 Sep 2001 9:44 am Operator: Nefliu
Sample : ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 18 16:37 2001 Quant Results File: 010917H.RES

Quant Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Mon Sep 17 08:57:29 2001
Response via : Initial Calibration
DataAcq Meth : 515AF.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	

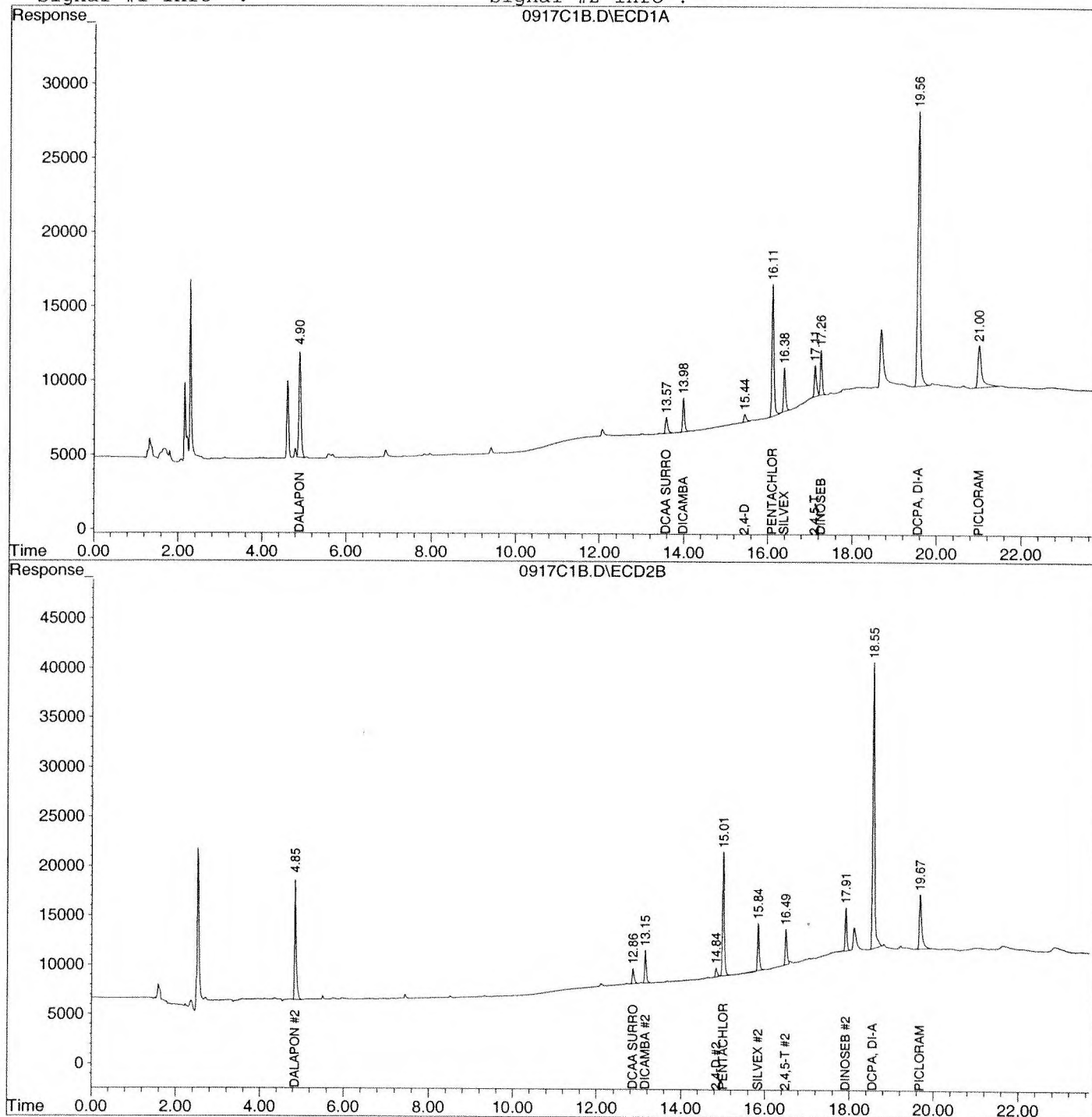
System Monitoring Compounds							
2) S DCAA SURROGATE	13.58	12.86	41267	48509	0.093	0.104	
Spiked Amount	2.000		Recovery	=	4.65%	5.20%	
Target Compounds							
1) DALAPON	4.90	4.85	255065	326771	0.558m	0.591	112%
3) DICAMBA	13.98	13.15	71249	91430	0.045	0.051	102%
4) 2,4-D	15.44	14.84	21835	30393	0.038m	0.046m	92%
5) PENTACHLOROPHENO	16.11	15.01	291877	365173	0.048m	0.049	98%
6) SILVEX	16.38	15.84	96042	121800	0.039	0.040	80%
7) 2,4,5-T	17.11	16.49	73478	106484	0.031m	0.035m	88%
8) DINOSEB	17.26	17.91	94600	121778	0.073m	0.081	81%
9) DCPA, DI-ACID	19.56	18.56	754092	952475	0.493	0.497	99%
10) PICLORAM	21.00	19.67	177791	223730	0.077	0.082m	82%

Quantitation Report

Signal #1 : C:\HPCHEM\1\DATA\515F\010917\0917C1B.D\ECD1A.CH Vial: 4
Signal #2 : C:\HPCHEM\1\DATA\515F\010917\0917C1B.D\ECD2B.CH
Acq On : 17 Sep 2001 9:44 am Operator: Nefliu
Sample : ccv1 Inst : 104
Misc : Multiplr: 1.00
IntFile Signal #1: events.e IntFile Signal #2: events2.e
Quant Time: Sep 18 16:37 2001 Quant Results File: 010917H.RES

Quant Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
Title : CHLORINATED ACIDS 515.1 1/25/98
Last Update : Mon Sep 17 08:57:29 2001
Response via : Multiple Level Calibration
DataAcq Meth : 515AF.M

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



Quantitation Report (QT Reviewed)

Signal #1 : C:\HPCHEM\1\DATA\515F\010917\0917C2.D\ECD1A.CH Vial: 6
 Signal #2 : C:\HPCHEM\1\DATA\515F\010917\0917C2.D\ECD2B.CH
 Acq On : 17 Sep 2001 10:15 am Operator: Nefliu
 Sample : ccv2 Inst : 104
 Misc : Multiplr: 1.00
 IntFile Signal #1: events.e IntFile Signal #2: events2.e
 Quant Time: Sep 19 15:51 2001 Quant Results File: 010917H.RES

Quant Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Mon Sep 17 08:57:29 2001
 Response via : Initial Calibration
 DataAcq Meth : 515AF.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						
2) S DCAA SURROGATE	13.57	12.85	357006	372085	0.800m	0.796m
Spiked Amount 2.000			Recovery	=	40.00%	39.80%
Target Compounds						
1) DALAPON	4.90	4.84	1863380	2214656	4.075m	4.007m 20%
3) DICAMBA	13.98	13.14	651013	724271	0.410	0.403 20%
4) 2,4-D	15.44	14.83	245111	268765	0.429m	0.407m 81%
5) PENTACHLOROPHENO	16.10	15.01	2568523	2971024	0.421	0.402 20%
6) SILVEX	16.38	15.83	1058417	1246637	0.433	0.412 22%
7) 2,4,5-T	17.11	16.48	797697	990405	0.339m	0.323m 84%
8) DINOSEB	17.25	17.90	1109079	1262681	0.850m	0.844 84%
9) DCPA, DI-ACID	19.55	18.55	6628386	7680296	4.333	4.008 80%
10) PICLORAM	21.00	19.66	1922821	2169654	0.838	0.795m 20%

Response Factor Report 104

Method : C:\HPCHEM\1\METHODS\010917H.M (Chemstation Integrator)
 Title : CHLORINATED ACIDS 515.1 1/25/98
 Last Update : Thu Sep 20 09:18:07 2001

Calibration Files

1 =0915C1B.D 2 =0915C1.D 3 =0915C2B.D
 4 =0915C2.D 5 =0915C3.D

Compound		1	2	3	4	5	Avg	%RSD	
1)	DALAPON	5.448	4.869	4.217	3.758		4.573	E5	16.19
2) s	DCAA SURROGATE					3.179	3.179	E5	0.00
3)	DICAMBA	1.791	1.676	1.521	1.360		1.587	E6	11.81
4)	2,4-D	6.381	6.109	5.557	4.819		5.716	E5	12.07
5)	PENTACHLOROPHENOL	6.693	6.453	5.951	5.329		6.106	E6	9.88
6)	SILVEX	2.603	2.524	2.431	2.232		2.447	E6	6.54
7)	2,4,5-T	2.562	2.478	2.287	2.079		2.352	E6	9.14
8)	DINOSEB	1.351	1.349	1.318	1.198		1.304	E6	5.53
9)	DCPA, DI-ACID	1.677	1.639	1.487	1.316		1.530	E6	10.75
10)	PICLORAM	2.660	2.275	2.153	2.090		2.295	E6	11.13

Signal #2 Calibration Files

1 =0915C1B.D 2 =0915C1.D 3 =0915C2B.D
 4 =0915C2.D 5 =0915C3.D

Compound		1	2	3	4	5	Avg	%RSD	
1)	DALAPON	6.787	5.914	4.987	4.420		5.527	E5	18.85
2) S	DCAA SURROGATE					3.476	3.476	E5	0.00
3)	DICAMBA	1.960	1.875	1.737	1.619		1.798	E6	8.37
4)	2,4-D	7.088	7.010	6.400	5.922		6.605	E5	8.32
5)	PENTACHLOROPHENOL	7.997	7.714	7.155	6.715		7.395	E6	7.75
6)	SILVEX	3.197	3.050	2.984	2.878		3.027	E6	4.41
7)	2,4,5-T	3.223	3.180	2.989	2.863		3.064	E6	5.50
8)	DINOSEB	1.436	1.475	1.554	1.523		1.497	E6	3.47
9)	DCPA, DI-ACID	2.069	2.019	1.843	1.735		1.916	E6	8.08
10)	PICLORAM	2.670	2.768	2.711	2.771		2.730	E6	1.78