

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\
 Method File : PL112923.M
 Title : GC Extractables
 Last Update : Wed Nov 29 04:35:13 2023
 Response Via : Initial Calibration

Calibration Files

50 =PL086856.D 100 =PL086854.D 75 =PL086855.D
 25 =PL086857.D 5 =PL086858.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	3.305	3.285	3.333	3.251	2.812	3.197 E6	6.79
2) A	alpha-BHC	4.912	5.123	5.108	4.547	3.461	4.630 E6	14.98
3) MA	gamma-BHC (Lindane)	4.605	4.782	4.750	4.323	3.415	4.375 E6	12.95
4) MA	Heptachlor	4.126	4.171	4.204	3.973	3.370	3.969 E6	8.73
5) MB	Aldrin	4.412	4.520	4.523	4.205	3.441	4.220 E6	10.76
6) B	beta-BHC	1.881	1.827	1.871	1.906	1.869	1.871 E6	1.54
7) B	delta-BHC	4.325	4.487	4.473	4.096	3.846	4.245 E6	6.43
8) B	Heptachlor epoxide	3.801	3.863	3.887	3.594	2.567	3.542 E6	15.74
9) A	Endosulfan I	3.654	3.662	3.695	3.620	3.384	3.603 E6	3.48
10) B	gamma-Chlordane	3.888	3.942	3.964	3.777	3.228	3.760 E6	8.13
11) B	alpha-Chlordane	3.877	3.893	3.929	3.802	3.323	3.765 E6	6.68
12) B	4,4'-DDE	3.141	3.259	3.239	2.980	2.498	3.023 E6	10.37
13) MA	Dieldrin	3.609	3.719	3.707	3.444	2.880	3.472 E6	10.05
14) MA	Endrin	2.658	2.733	2.724	2.574	2.199	2.578 E6	8.58
15) B	Endosulfan II	2.941	2.952	2.978	2.878	2.520	2.854 E6	6.67
16) A	4,4'-DDD	2.456	2.530	2.525	2.335	1.862	2.342 E6	11.93
17) MA	4,4'-DDT	2.666	2.705	2.714	2.628	2.120	2.567 E6	9.82
18) B	Endrin aldehyde	2.171	2.138	2.169	2.163	2.025	2.133 E6	2.90
19) B	Endosulfan Sulfate	2.942	2.928	2.958	2.907	2.544	2.856 E6	6.13
20) A	Methoxychlor	1.375	1.340	1.368	1.360	1.159	1.320 E6	6.93
21) B	Endrin ketone	3.131	3.160	3.180	3.002	2.476	2.990 E6	9.89
22)	Mirex	2.604	2.477	2.546	2.671	2.490	2.558 E6	3.16
23)	Chlordane-1						0.000	-1.00
24)	Chlordane-2						0.000	-1.00
25)	Chlordane-3						0.000	-1.00
26)	Chlordane-4						0.000	-1.00
27)	Chlordane-5						0.000	-1.00
28) SA	Decachlorobiphenyl	2.697	2.569	2.645	2.779	2.658	2.670 E6	2.88

Signal #2 Calibration Files

50 =PL086856.D 100 =PL086854.D 75 =PL086855.D
 25 =PL086857.D 5 =PL086858.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	9.484	9.522	9.576	9.159	7.733	9.095 E5	8.56
2) A	alpha-BHC	1.360	1.431	1.425	1.231	0.903	1.270 E6	17.36
3) MA	gamma-BHC (Lindane)	1.300	1.343	1.352	1.204	0.910	1.222 E6	15.07
4) MA	Heptachlor	1.228	1.244	1.258	1.161	0.946	1.168 E6	11.07
5) MB	Aldrin	1.292	1.327	1.339	1.201	0.944	1.221 E6	13.44
6) B	beta-BHC	5.489	5.312	5.484	5.500	4.669	5.291 E5	6.73
7) B	delta-BHC	1.246	1.313	1.306	1.130	0.844	1.168 E6	16.74
8) B	Heptachlor epoxide	1.194	1.202	1.220	1.141	0.935	1.138 E6	10.33
9) A	Endosulfan I	1.282	1.217	1.254	1.381	1.990	1.425 E6	22.59
10) B	gamma-Chlordane	1.196	1.229	1.227	1.140	0.939	1.146 E6	10.60
11) B	alpha-Chlordane	1.275	1.267	1.276	1.286	1.545	1.330 E6	9.04
12) B	4,4'-DDE	0.975	1.028	1.018	0.895	0.673	0.918 E6	15.97
13) MA	Dieldrin	1.131	1.175	1.176	1.047	0.826	1.071 E6	13.69
14) MA	Endrin	8.856	9.249	9.139	8.376	6.521	8.428 E5	13.27
15) B	Endosulfan II	9.807	9.915	9.987	9.363	7.355	9.285 E5	11.91
16) A	4,4'-DDD	8.199	8.648	8.515	7.602	5.652	7.723 E5	15.87
17) MA	4,4'-DDT	8.602	9.021	8.920	7.999	5.781	8.065 E5	16.58
18) B	Endrin aldehyde	7.253	7.103	7.277	7.123	6.175	6.986 E5	6.59
19) B	Endosulfan Sulfate	0.995	0.985	1.003	0.971	0.791	0.949 E6	9.39
20) A	Methoxychlor	5.410	5.258	5.393	5.381	4.295	5.147 E5	9.33
21) B	Endrin ketone	1.212	1.223	1.228	1.157	0.888	1.141 E6	12.66
22)	Mirex	1.066	0.992	1.045	1.092	0.994	1.038 E6	4.26

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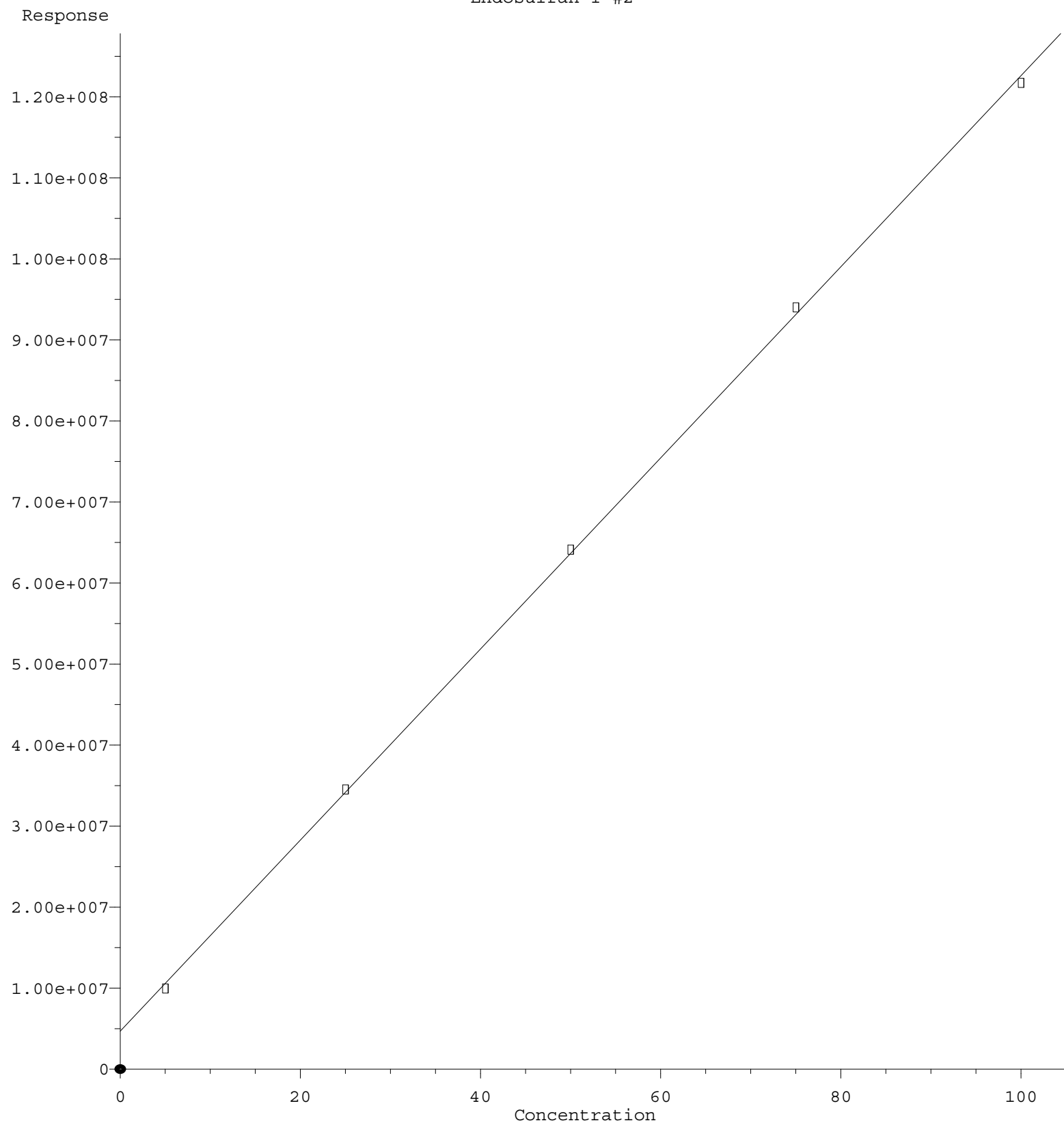
Calibration Files

50 =PL086856.D 100 =PL086854.D 75 =PL086855.D
25 =PL086857.D 5 =PL086858.D

	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1						0.000	-1.00
24)	Chlordane-2						0.000	-1.00
25)	Chlordane-3						0.000	-1.00
26)	Chlordane-4						0.000	-1.00
27)	Chlordane-5						0.000	-1.00
28) SA	Decachlorobiphenyl	1.116	1.055	1.085	1.165	1.092	1.103 E6	3.71

(#) = Out of Range

Endosulfan I #2



Response = 1.179e+006 * Amt + 4.747e+006
Coef of Det (r^2) = 0.999713 Curve Fit: Linear
Method Name: Z:\pestpcbsrv\HPCHEM1\ECD L\methods\PL112923.M
Calibration Table Last Updated: Wed Nov 29 04:34:14 2023