

Method Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\
 Method File : PD070522.M
 Title : GC Extractables
 Last Update : Tue Jul 05 15:26:13 2022
 Response Via : Initial Calibration

Instrument :
 ECD_D
 ClientSampleId :

Calibration Files

50 =PD070694.D 100 =PD070692.D 75 =PD070693.D
 25 =PD070695.D 5 =PD070696.D

	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.488	2.436	2.446	2.414	2.423	2.441 E6	1.18
2) MA	alpha-BHC	3.644	3.627	3.625	3.394	3.269	3.511 E6	4.86
3) MA	gamma-BHC (Lindane)	3.404	3.376	3.338	3.274	3.623	3.403 E6	3.89
4) MA	Heptachlor	3.495	3.516	3.461	3.290	3.101	3.373 E6	5.22
5) MB	Aldrin	3.421	3.421	3.384	3.220	3.059	3.301 E6	4.81
6) B	beta-BHC	1.441	1.357	1.382	1.447	1.668	1.459 E6	8.43
7) B	delta-BHC	3.404	3.420	3.377	3.181	2.976	3.272 E6	5.84
8) B	Heptachlor epoxide	3.080	3.055	3.029	2.955	2.946	3.013 E6	2.00
9) A	Endosulfan I	2.869	2.835	2.813	2.747	2.734	2.800 E6	2.06
10) B	gamma-Chlordane	3.171	3.172	3.128	3.016	3.021	3.102 E6	2.52
11) B	alpha-Chlordane	3.101	3.071	3.045	2.980	3.011	3.042 E6	1.57
12) B	4,4'-DDE	3.009	3.034	2.987	2.823	2.683	2.907 E6	5.17
13) MA	Dieldrin	3.104	3.110	3.070	2.929	2.830	3.009 E6	4.12
14) MA	Endrin	2.770	2.753	2.719	2.619	2.582	2.688 E6	3.11
15) B	Endosulfan II	2.480	2.168	2.425	2.387	2.410	2.374 E6	5.06
16) A	4,4'-DDD	2.521	2.488	2.483	2.393	2.318	2.440 E6	3.42
17) MA	4,4'-DDT	2.589	2.533	2.554	2.443	2.365	2.497 E6	3.66
18) B	Endrin aldehyde	1.878	1.770	1.825	1.858	1.963	1.859 E6	3.82
19) B	Endosulfan Sulfate	2.464	2.398	2.400	2.407	2.475	2.429 E6	1.54
20) A	Methoxychlor	1.437	1.355	1.376	1.445	1.534	1.429 E6	4.88
21) B	Endrin ketone	2.716	2.555	2.649	2.665	2.716	2.660 E6	2.48
22)	Mirex	2.125	2.004	2.022	2.171	2.622	2.189 E6	11.53
23)	Chlordane-1	8.327	8.027	7.881	8.272	9.713	8.444 E4	8.67
24)	Chlordane-2	0.954	0.875	0.878	0.965	1.184	0.971 E5	12.97
25)	Chlordane-3	2.843	2.820	2.730	2.657	2.910	2.792 E5	3.55
26)	Chlordane-4	2.314	2.272	2.221	2.215	2.519	2.308 E5	5.39
27)	Chlordane-5	0.992	0.953	0.939	0.964	1.170	1.004 E5	9.48
28) SA	Decachlorobiphenyl	2.472	2.322	2.374	2.510	2.720	2.480 E6	6.20

Signal #2 Calibration Files

50 =PD070694.D 100 =PD070692.D 75 =PD070693.D
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	Compound	50	100	75	25	5	Avg	%RSD
1) SA	Tetrachloro-m-xylene	2.597	2.491	2.475	2.629	2.740	2.586 E7	4.19
2) A	alpha-BHC	3.694	3.565	3.522	3.694	3.900	3.675 E7	4.02
3) MA	gamma-BHC (Lindane)	3.283	3.164	3.135	3.284	3.380	3.249 E7	3.07
4) MA	Heptachlor	3.135	2.851	2.960	3.177	3.367	3.098 E7	6.46
5) MB	Aldrin	2.842	2.675	2.685	2.854	3.040	2.819 E7	5.30
6) B	beta-BHC	1.464	1.283	1.358	1.553	2.304	1.593 E7	25.81
7) B	delta-BHC	2.936	2.646	2.793	2.946	2.982	2.861 E7	4.90
8) B	Heptachlor epoxide	2.308	2.081	2.167	2.338	2.484	2.276 E7	6.89
9) A	Endosulfan I	2.055	1.941	1.948	2.088	2.207	2.048 E7	5.37
10) B	gamma-Chlordane	2.296	2.172	2.183	2.316	2.435	2.280 E7	4.73
11) B	alpha-Chlordane	2.205	2.078	2.083	2.240	2.408	2.203 E7	6.16
12) B	4,4'-DDE	2.076	1.988	1.978	2.069	2.113	2.045 E7	2.88
13) MA	Dieldrin	2.046	1.965	1.960	2.047	2.116	2.027 E7	3.22
14) MA	Endrin	1.583	1.473	1.508	1.567	1.567	1.539 E7	3.05
15) B	Endosulfan II	1.481	1.375	1.410	1.498	1.577	1.468 E7	5.40
16) A	4,4'-DDD	1.496	1.381	1.440	1.467	1.292	1.415 E7	5.72
17) MA	4,4'-DDT	1.547	1.492	1.482	1.540	1.558	1.524 E7	2.25
18) B	Endrin aldehyde	1.155	1.070	1.094	1.180	1.226	1.145 E7	5.57
19) B	Endosulfan Sulfate	1.385	1.289	1.319	1.408	1.460	1.372 E7	5.02
20) A	Methoxychlor	6.968	6.322	6.616	7.125	7.259	6.858 E6	5.60
21) B	Endrin ketone	1.288	1.212	1.228	1.304	1.385	1.283 E7	5.36
22)	Mirex	7.982	7.231	7.476	8.255	8.986	7.986 E6	8.64

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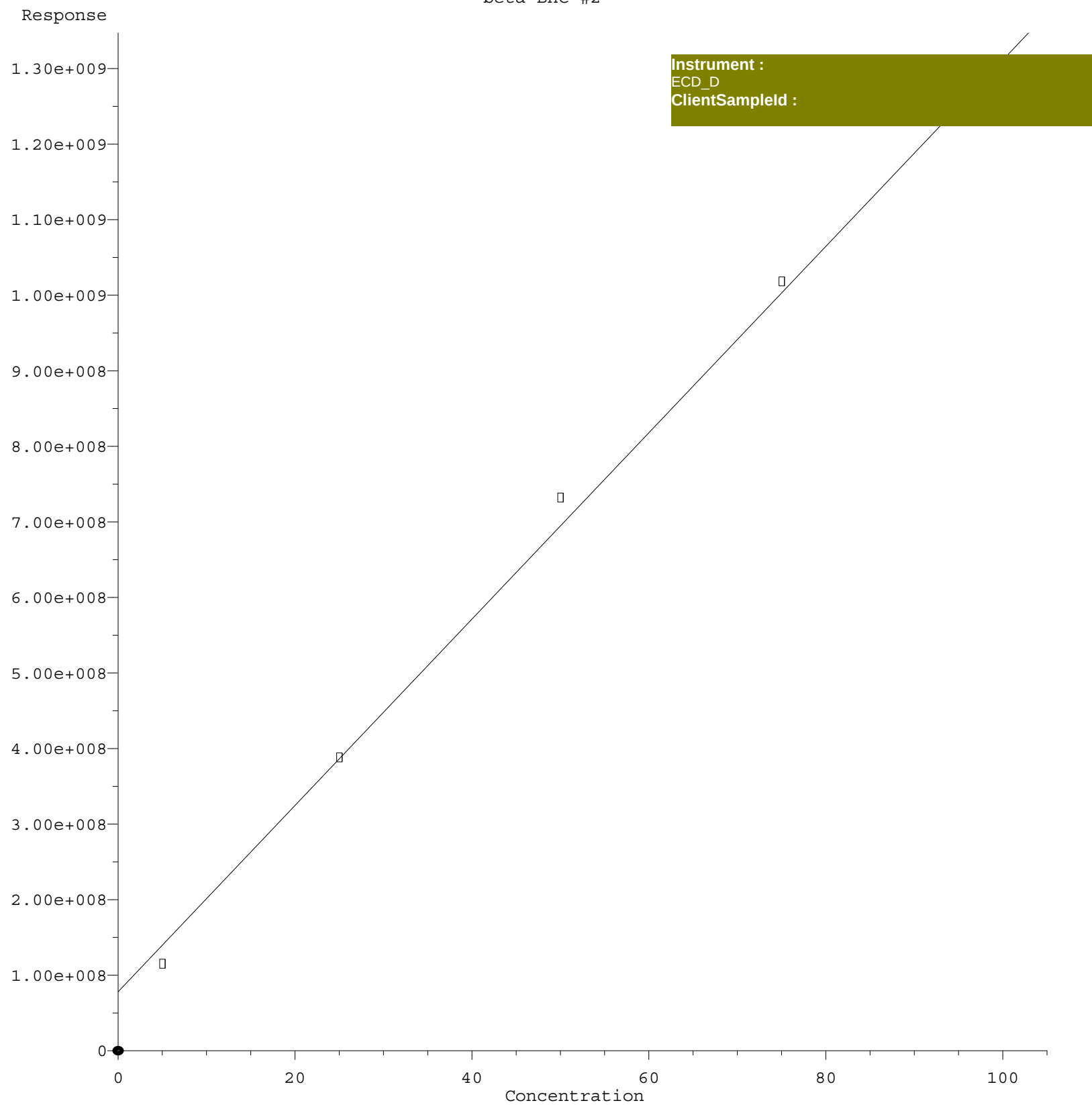
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	Compound	50	100	75	25	5	Avg	%RSD
23)	Chlordane-1	1.006	0.916	0.924	1.043	0.955	0.969 E6	5.64
24)	Chlordane-2	0.848	0.760	0.767	0.869	1.070	0.863 E6	14.54
25)	Chlordane-3	2.977	2.800	2.789	2.923	3.481	2.994 E6	9.47
26)	Chlordane-4	3.424	3.200	3.197	3.394	4.120	3.467 E6	10.95
27)	Chlordane-5	5.629	5.144	5.200	5.606	5.879	5.491 E5	5.67
28) SA	Decachlorobiphenyl	8.238	7.632	7.810	8.480	8.974	8.227 E6	6.52

(#) = Out of Range



Response = 1.234e+007 * Amt + 7.823e+007
Coef of Det (r^2) = 0.996556 Curve Fit: Linear
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