

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062625\
 Data File : PD089165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 13:30
 Operator : AR\AJ
 Sample : Q2126-01
 Misc : PEST LOD 1PPB SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:29:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.556	2.881	48978954	310.5E6	17.167	18.313
2) SA Decachlor...	9.078	8.073	66154145	298.0E6	16.843	15.075
Target Compounds						
2) A alpha-BHC	4.005	3.393	4474327	29248214	0.768	1.091 #
3) MA gamma-BHC...	4.336	3.729	4577935	26774555	0.820	1.081 #
4) MA Heptachlor	4.935	4.083	4720975	25808730	0.866	1.031
5) MB Aldrin	5.276	4.369	4544368	25686643	0.855	1.061
6) B beta-BHC	4.521	4.025	2654746	12429881	1.203	1.157
7) B delta-BHC	4.769	4.262	6464657	28654772	1.259m	1.152
8) B Heptachlo...	5.695	4.873	4327098	25089678	0.897m	1.146 #
9) A Endosulfan I	6.079	5.247	4224385	24311756	0.937	1.166
10) B gamma-Chl...	5.950	5.126	4207506	28429169	0.879m	1.188 #
11) B alpha-Chl...	6.032	5.191	4495734	26467697	0.929	1.156
12) B 4,4'-DDE	6.201	5.376	3508742	24842581	0.805	1.084 #
13) MA Dieldrin	6.352	5.513	4045773	24836246	0.843	1.070 #
14) MA Endrin	6.579	5.790	3352691	24695514	0.813	1.137 #
15) B Endosulfa...	6.791	6.081	3484678	22172959	0.863	1.098 #
16) A 4,4'-DDD	6.710	5.930	2856291	21411366	0.832	1.119 #
17) MA 4,4'-DDT	7.025	6.184	2697401	16367238	0.712	0.807
18) B Endrin al...	6.919	6.259	3213903	17099870	1.049m	1.117
19) B Endosulfa...	7.153	6.483	3275260	21646541	0.854m	1.103 #
20) A Methoxychlor	7.496	6.754	1222469	9270103	0.605m	0.861 #
21) B Endrin ke...	7.634	6.991	4438583	24914704	1.090m	1.153m
22) Mirex	8.117	7.186	2722035	15634127	0.895m	0.937

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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