

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081525\
 Data File : PD089895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 14:28
 Operator : AR\AJ
 Sample : Q2819-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 17M-WMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/15/2025
 Supervised By : mohammad ahmed 08/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 17:26:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.549	2.877	42100671	342.4E6	17.068	21.617m#
28)	SA Decachlor...	9.069	8.067	45436605	358.4E6	12.226	17.849 #
Target Compounds							
2)	A alpha-BHC	3.998	3.389	253.8E6	1421.2E6	51.242	58.472m
3)	MA gamma-BHC...	4.329	3.727	234.7E6	1330.0E6	49.382	59.048
4)	MA Heptachlor	4.927	4.080	246.1E6	1368.2E6	51.145	58.952
5)	MB Aldrin	5.257	4.366	290.0E6	1471.3E6	63.529m	66.125
6)	B beta-BHC	4.515	4.023	90338615	566.3E6	48.973	58.694
7)	B delta-BHC	4.763	4.260	230.5E6	1372.3E6	50.254	60.414
8)	B Heptachlo...	5.682	4.869	309.8E6	1650.0E6	74.106m	80.295
9)	A Endosulfan I	6.072	5.239	195.1E6	804.9E6	49.212	41.176m
10)	B gamma-Chl...	5.945	5.127	3495.0E6	10875.0E6	836.311	502.231 #
11)	B alpha-Chl...	6.027	5.181	4144.7E6	12374.1E6	985.845	594.281 #
12)	B 4,4'-DDE	6.193	5.372	288.9E6	1394.5E6	77.450	65.972
13)	MA Dieldrin	6.345	5.508	221.0E6	1372.1E6	52.323	63.408m
14)	MA Endrin	6.573	5.785	140.6E6	1755.1E6	39.310	88.086m#
15)	B Endosulfa...	6.785	6.085	204.8E6	4872.5E6	55.817	259.180 #
16)	A 4,4'-DDD	6.701	5.924	129.0E6	1089.0E6	43.080m	61.760m#
17)	MA 4,4'-DDT	7.019	6.180	213.7E6	1575.0E6	63.611	85.727 #
18)	B Endrin al...	6.914	6.255	142.3E6	787.8E6	57.014	60.974
19)	B Endosulfa...	7.149	6.479	182.2E6	1040.6E6	52.502	56.052
20)	A Methoxychlor	7.492	6.750	79395593	517.3E6	44.405	52.806
21)	B Endrin ke...	7.629	6.987	162.6E6	1115.9E6	43.769	55.604 #
22)	Mirex	8.112	7.179	122.6E6	870.2E6	43.972	57.172m#

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

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