

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089307.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 17:47
 Operator : AR\AJ
 Sample : Q2475-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:40:36 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...	3.550	2.880	38603263	259.4E6	13.530	15.304m
28)	SA Decachlor...	9.076	8.070	79464153	320.9E6	20.232m	16.233
Target Compounds							
2)	A alpha-BHC	3.999	3.392	259.4E6	1213.9E6	44.498	45.301m
3)	MA gamma-BHC...	4.330	3.729	270.2E6	1120.0E6	48.407	45.240
4)	MA Heptachlor	4.930	4.083	251.6E6	1135.3E6	46.141	45.343
5)	MB Aldrin	5.271	4.368	252.5E6	1080.0E6	47.531	44.595
6)	B beta-BHC	4.516	4.025	78953136	527.6E6	35.772	49.099 #
7)	B delta-BHC	4.764	4.261	248.9E6	1112.1E6	48.497	44.709
8)	B Heptachlo...	5.691	4.872	212.2E6	1060.7E6	43.990	48.439
9)	A Endosulfan I	6.075	5.248	215.8E6	997.7E6	47.880	47.867
10)	B gamma-Chl...	5.945	5.124	247.2E6	1117.9E6	51.625m	46.728m
11)	B alpha-Chl...	6.028	5.189	260.2E6	1203.5E6	53.781	52.563
12)	B 4,4'-DDE	6.197	5.374	159.8E6	1058.0E6	36.638	46.167 #
13)	MA Dieldrin	6.347	5.512	213.6E6	1166.5E6	44.520	50.260
14)	MA Endrin	6.575	5.789	179.5E6	965.2E6	43.519	44.451
15)	B Endosulfa...	6.787	6.078	173.9E6	899.0E6	43.072	44.512m
16)	A 4,4'-DDD	6.704	5.927	170.8E6	739.6E6	49.770m	38.662m
17)	MA 4,4'-DDT	7.022	6.183	157.8E6	814.3E6	41.666	40.153
18)	B Endrin al...	6.915	6.258	135.0E6	680.6E6	44.045	44.451
19)	B Endosulfa...	7.150	6.481	160.8E6	805.2E6	41.895	41.039
20)	A Methoxychlor	7.492	6.752	74648861	380.1E6	36.943m	35.297m
21)	B Endrin ke...	7.631	6.990	167.4E6	833.4E6	41.099	38.581
22)	Mirex	8.112	7.185	134.6E6	615.4E6	44.274m	36.896

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

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