

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
 Data File : PL096372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 15:30
 Operator : AR\AJ
 Sample : Q2600-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:37:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.534	2.827	53457374	64136529	14.650m	11.113
28) SA Decachlor...	9.017	7.994	37402762	42608916	13.296	8.545 #
Target Compounds						
2) A alpha-BHC	3.983	3.333	220.6E6	244.4E6	42.902	28.982 #
3) MA gamma-BHC...	4.312	3.665	200.9E6	217.9E6	40.343	27.672 #
4) MA Heptachlor	4.904	4.015	186.2E6	207.6E6	40.641	27.286 #
5) MB Aldrin	5.244	4.298	181.6E6	189.2E6	37.575	25.937 #
6) B beta-BHC	4.498	3.962	82380901	88124737	39.629	25.738 #
7) B delta-BHC	4.744	4.195	187.9E6	206.5E6	41.930	26.818 #
8) B Heptachlo...	5.663	4.800	167.7E6	171.9E6	40.428	25.710 #
9) A Endosulfan I	6.045	5.171	150.7E6	157.3E6	37.321	21.928 #
10) B gamma-Chl...	5.915	5.052	161.9E6	175.7E6	36.595m	25.031 #
11) B alpha-Chl...	5.998	5.116	166.9E6	166.8E6	38.119	22.187 #
12) B 4,4'-DDE	6.166	5.305	143.8E6	157.0E6	38.786m	24.288 #
13) MA Dieldrin	6.317	5.434	152.5E6	169.9E6	36.076	24.908m#
14) MA Endrin	6.544	5.710	127.2E6	141.5E6	40.909	23.216 #
15) B Endosulfa...	6.756	6.002	134.6E6	145.1E6	38.777	24.750 #
16) A 4,4'-DDD	6.676	5.857	129.5E6	131.3E6	44.477	25.608 #
17) MA 4,4'-DDT	6.990	6.110	111.4E6	135.8E6	36.700	23.676 #
18) B Endrin al...	6.884	6.180	98149802	116.5E6	43.904	26.148 #
19) B Endosulfa...	7.118	6.403	124.0E6	141.7E6	40.541	25.191 #
20) A Methoxychlor	7.463	6.682	61906727	71687466	39.296	23.599 #
21) B Endrin ke...	7.597	6.908	137.9E6	152.8E6	41.782	24.443 #
22) Mirex	8.077	7.098	114.7E6	118.8E6	41.217	23.916 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
Data File : PL096372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 15:30
Operator : AR\AJ
Sample : Q2600-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

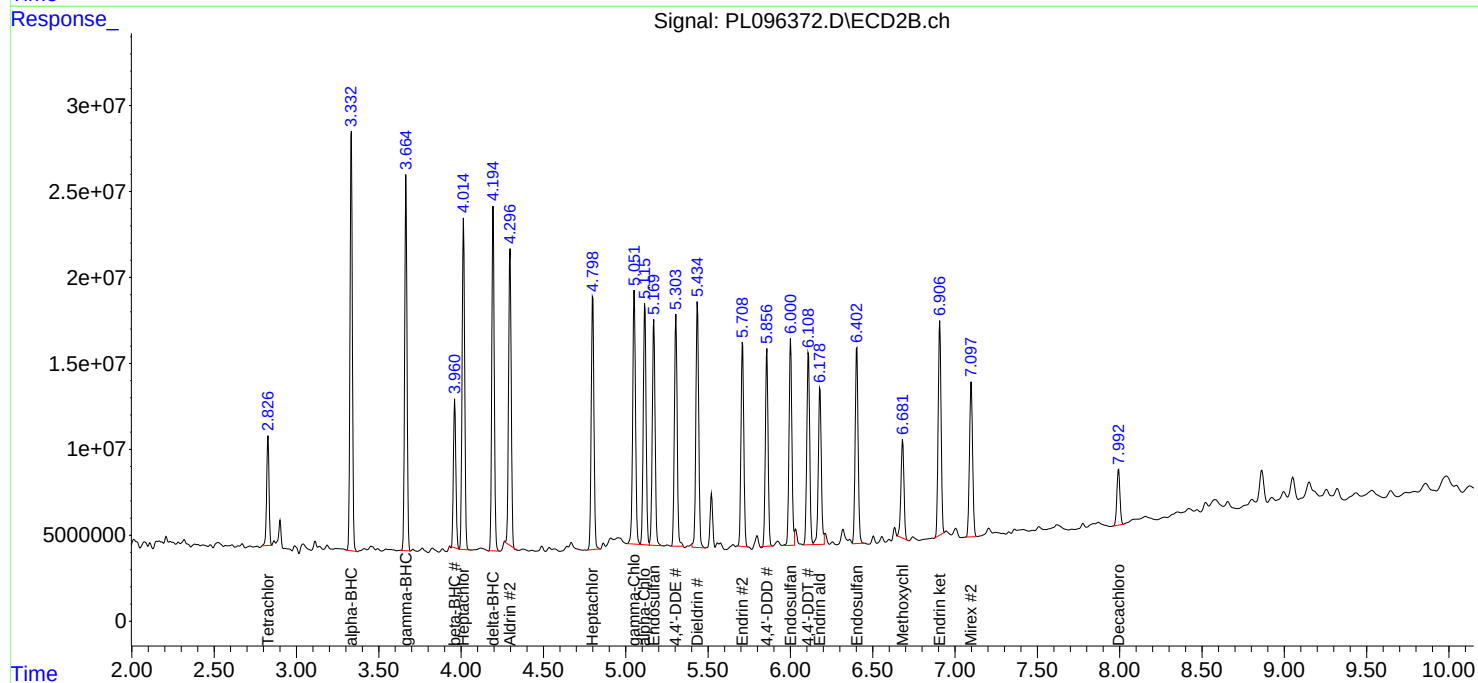
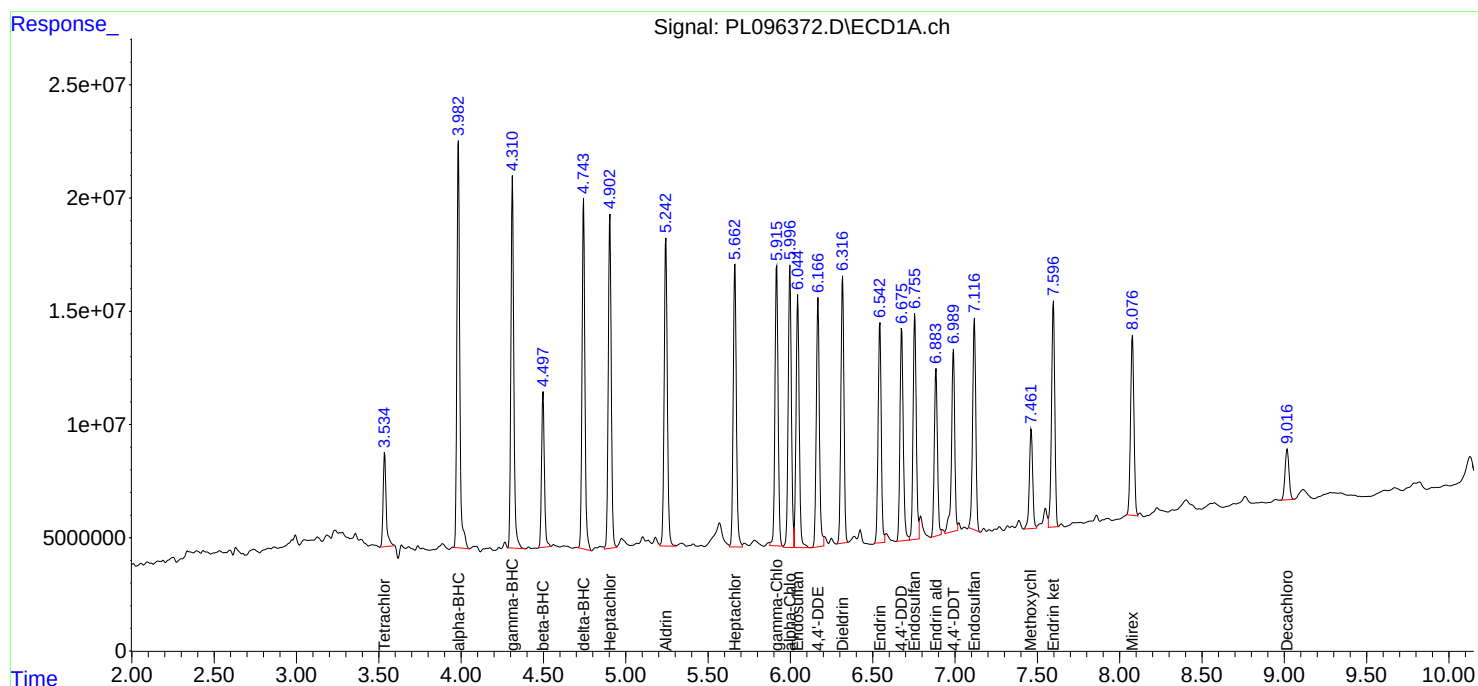
Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

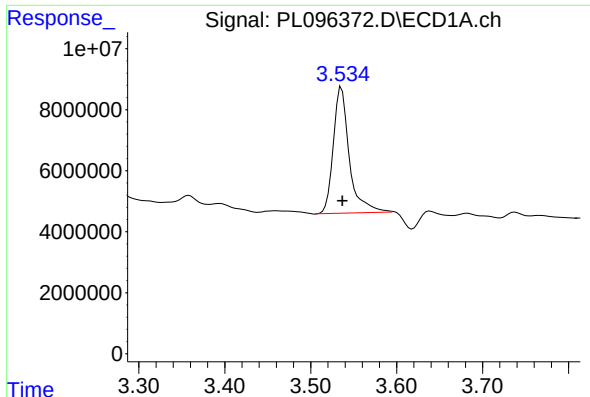
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:37:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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 x0.25µm





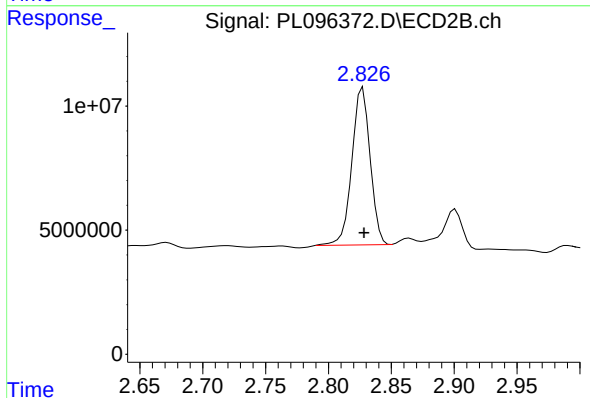
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 53457374
Conc: 14.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

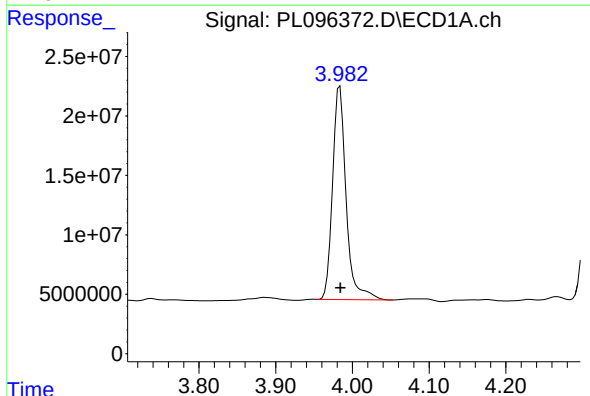
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



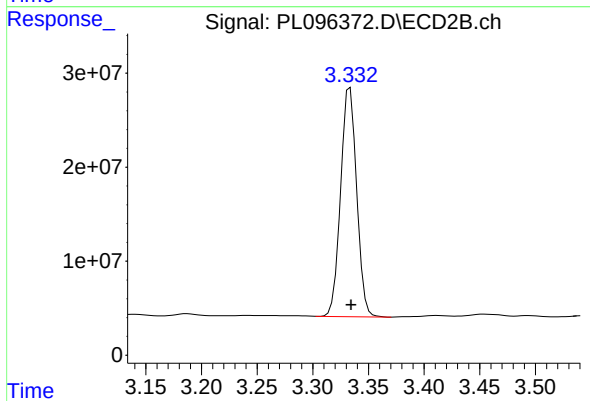
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 64136529
Conc: 11.11 ng/ml



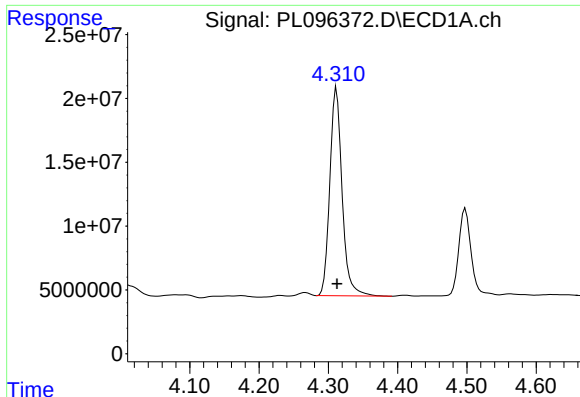
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 220649767
Conc: 42.90 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 244445005
Conc: 28.98 ng/ml



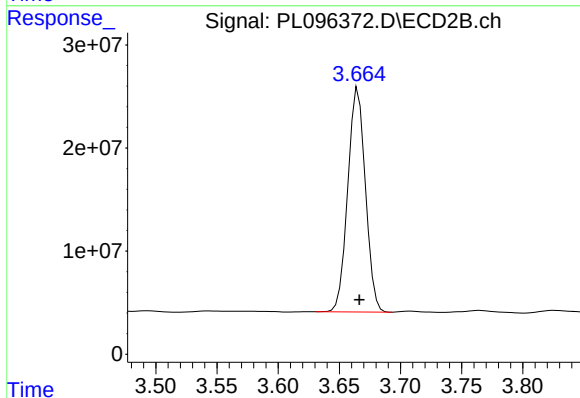
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 200892251
Conc: 40.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

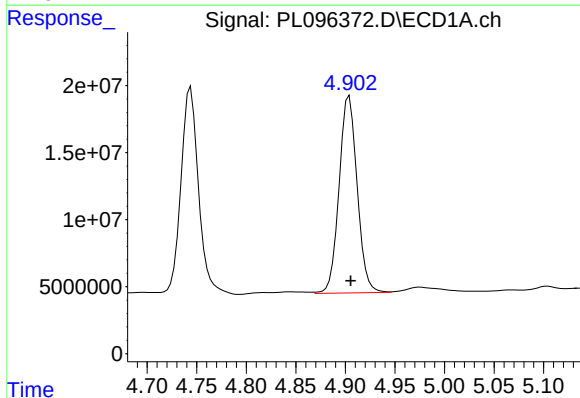
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



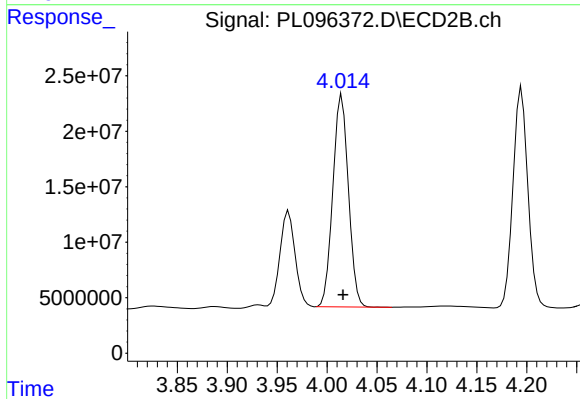
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 217938625
Conc: 27.67 ng/ml



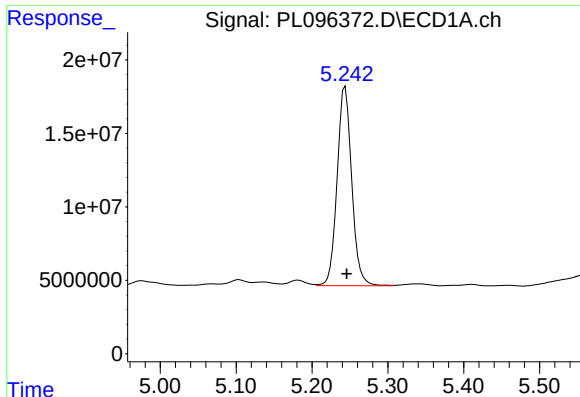
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 186185074
Conc: 40.64 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 207585671
Conc: 27.29 ng/ml



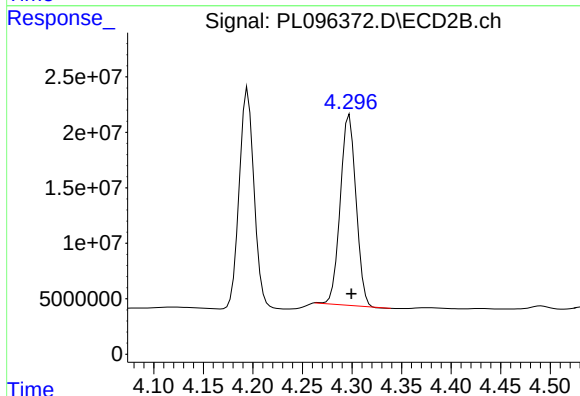
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 181627735
Conc: 37.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

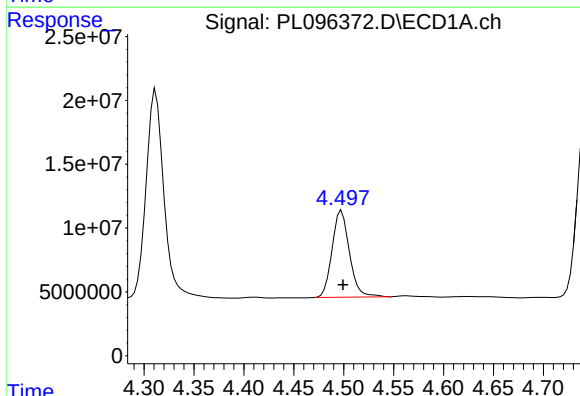
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



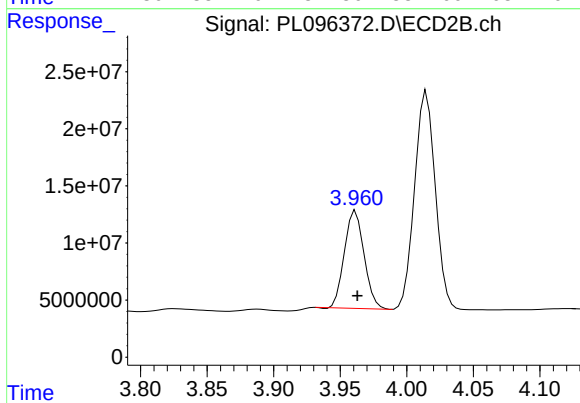
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 189226871
Conc: 25.94 ng/ml



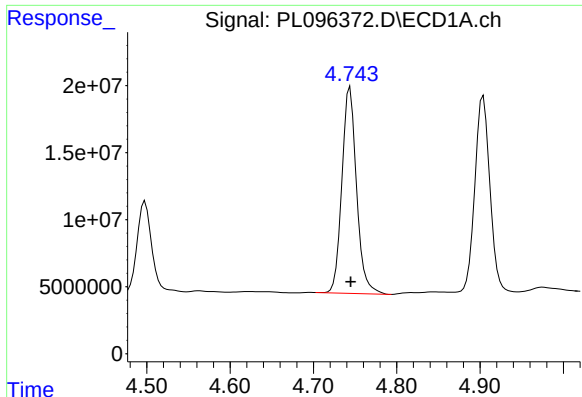
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 82380901
Conc: 39.63 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 88124737
Conc: 25.74 ng/ml



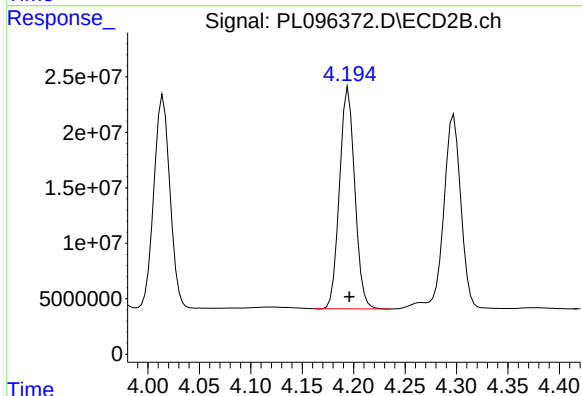
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 187902274
Conc: 41.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

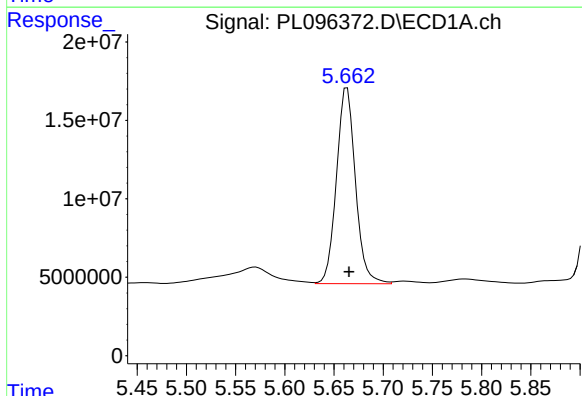
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



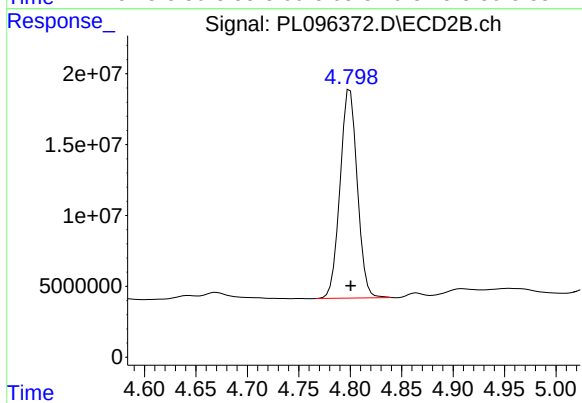
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 206546895
Conc: 26.82 ng/ml



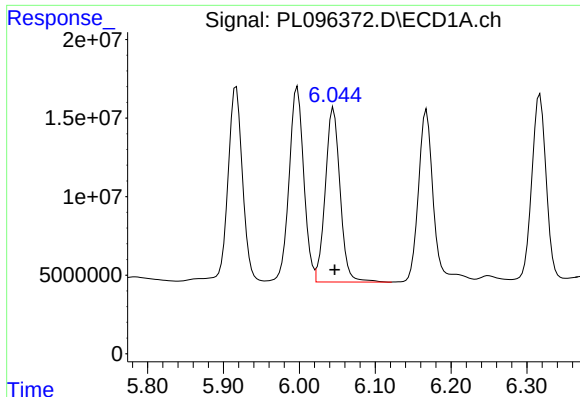
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 167741520
Conc: 40.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 171871676
Conc: 25.71 ng/ml



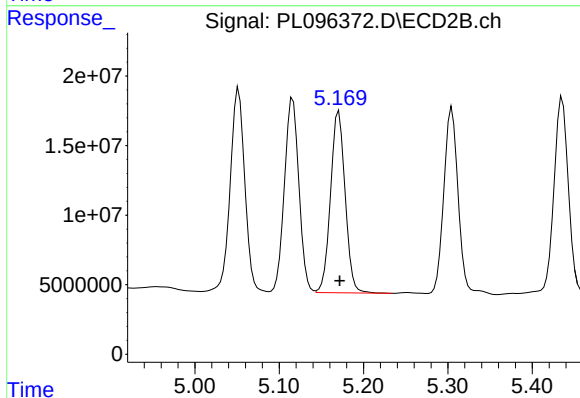
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 150672622
Conc: 37.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

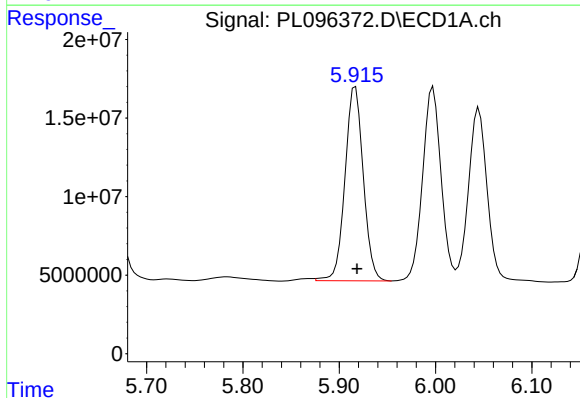
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



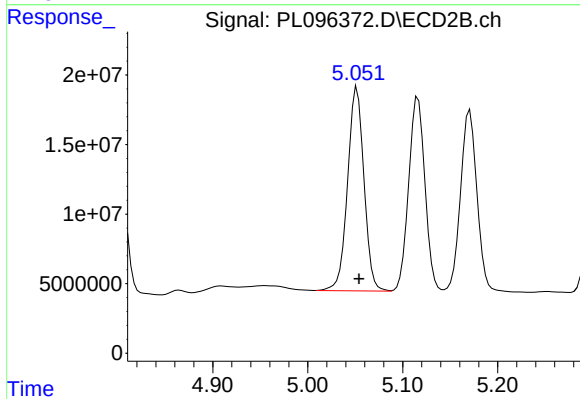
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 157315181
Conc: 21.93 ng/ml



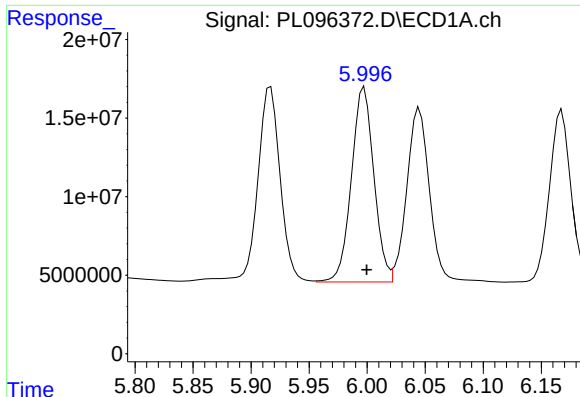
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.003 min
Response: 161925133
Conc: 36.59 ng/ml m



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 175713027
Conc: 25.03 ng/ml



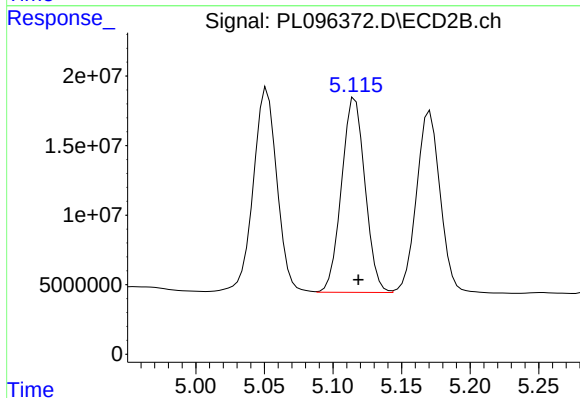
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 166918157
Conc: 38.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

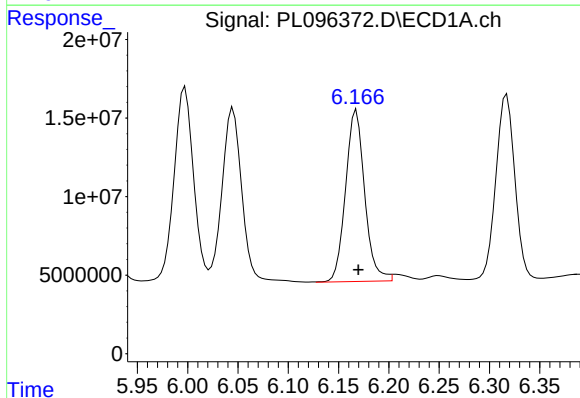
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



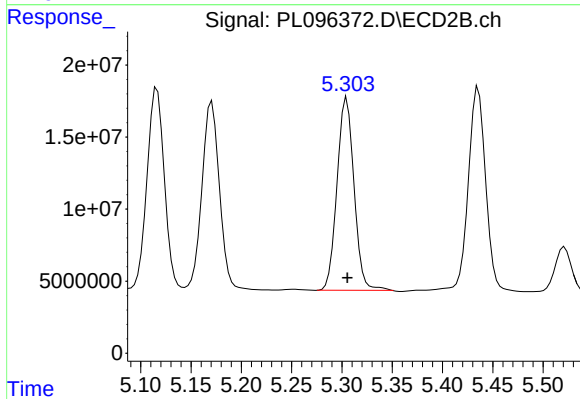
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 166849692
Conc: 22.19 ng/ml



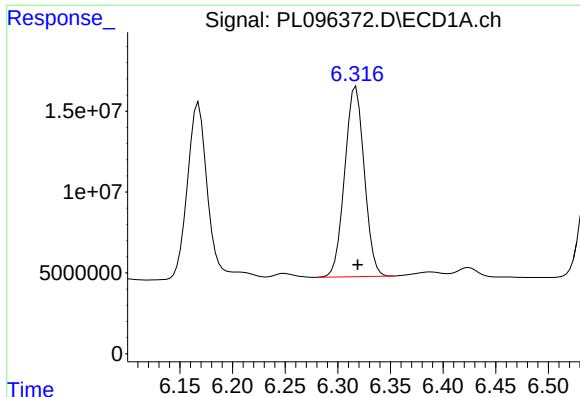
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 143797906
Conc: 38.79 ng/ml m



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 156992430
Conc: 24.29 ng/ml



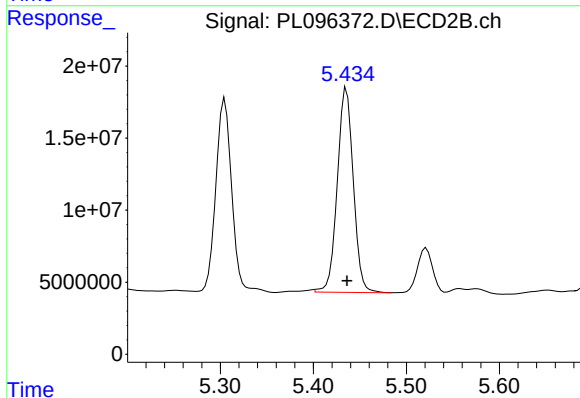
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 152543674
Conc: 36.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

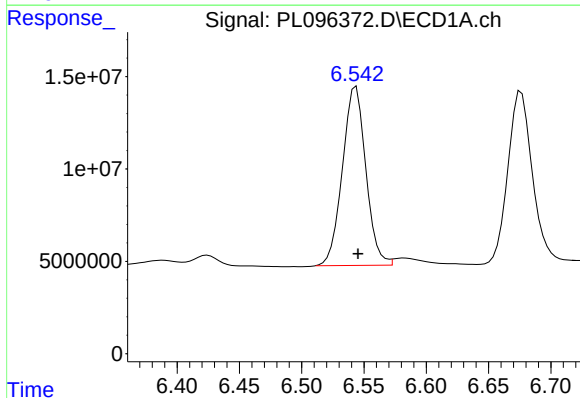
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



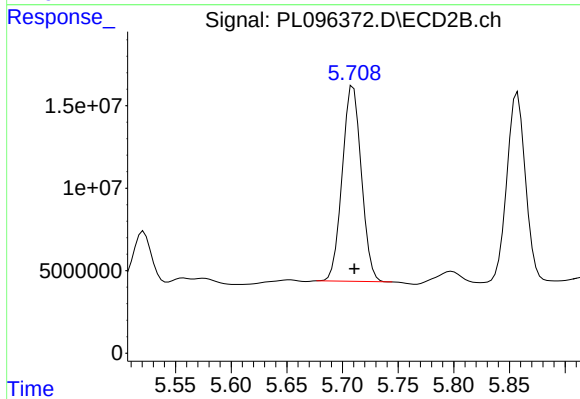
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 169851573
Conc: 24.91 ng/ml m



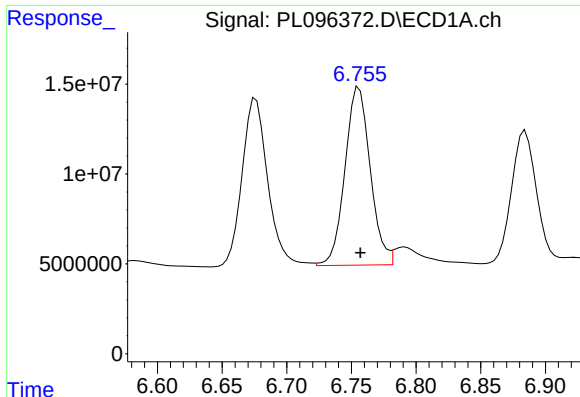
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 127234469
Conc: 40.91 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 141539093
Conc: 23.22 ng/ml



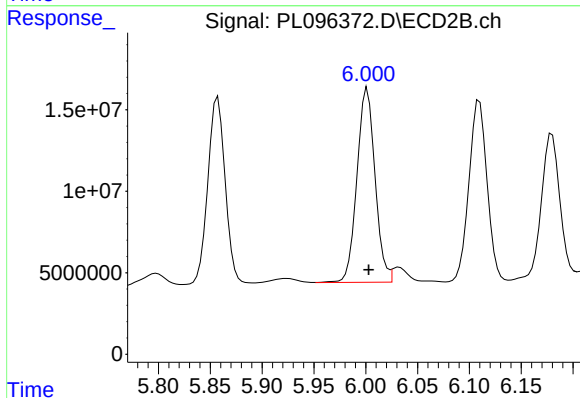
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 134559840
Conc: 38.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

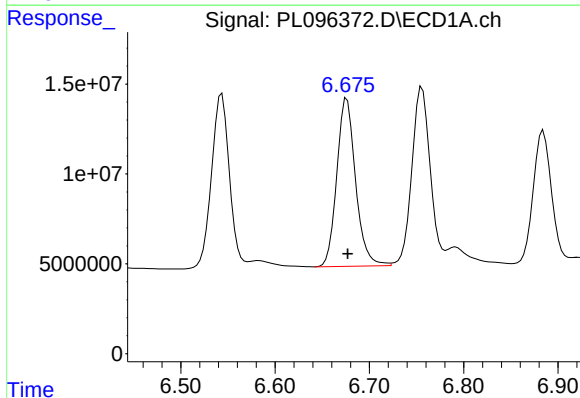
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



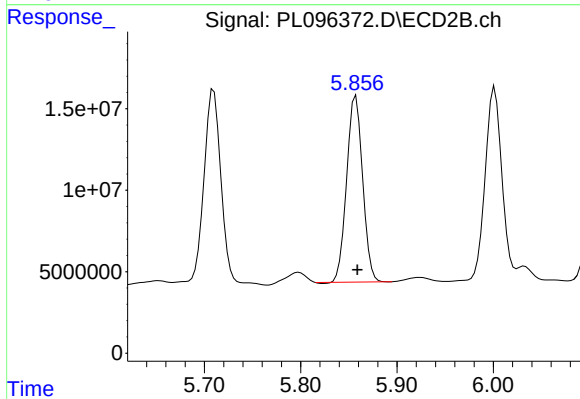
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 145128341
Conc: 24.75 ng/ml



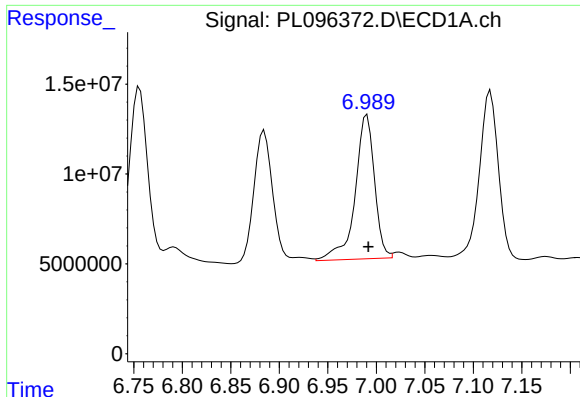
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 129503123
Conc: 44.48 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 131333396
Conc: 25.61 ng/ml



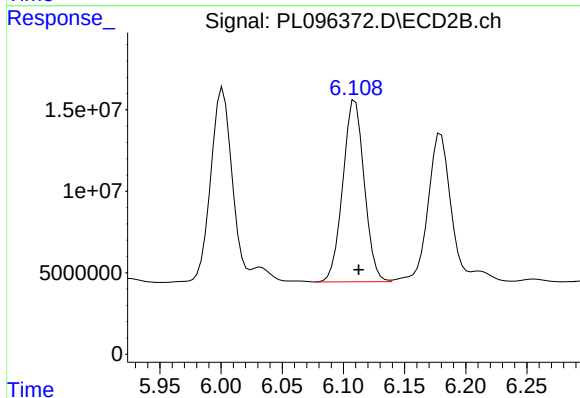
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 111392476
Conc: 36.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

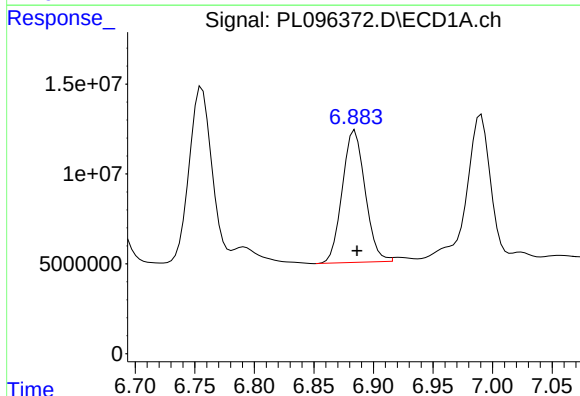
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



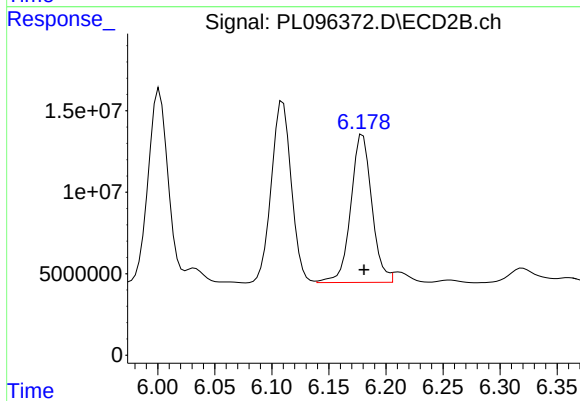
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 135782915
Conc: 23.68 ng/ml



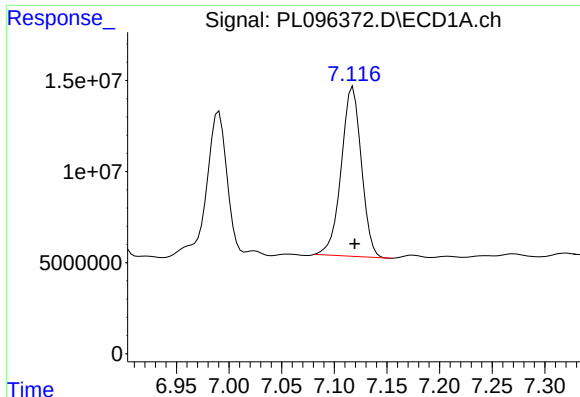
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 98149802
Conc: 43.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 116480749
Conc: 26.15 ng/ml



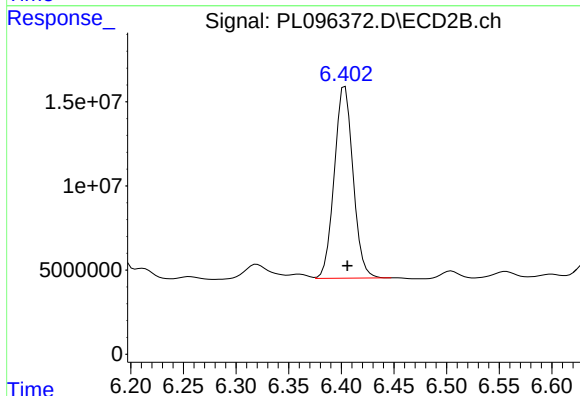
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 124008492
Conc: 40.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

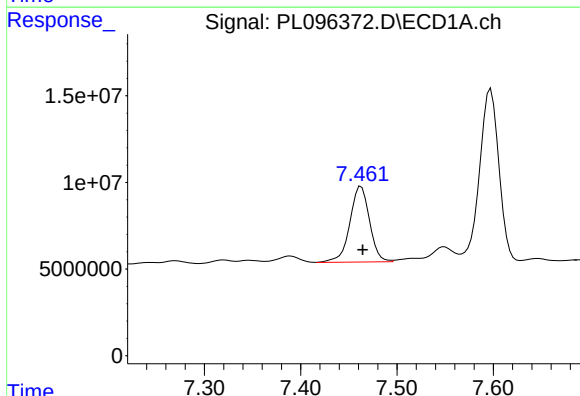
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



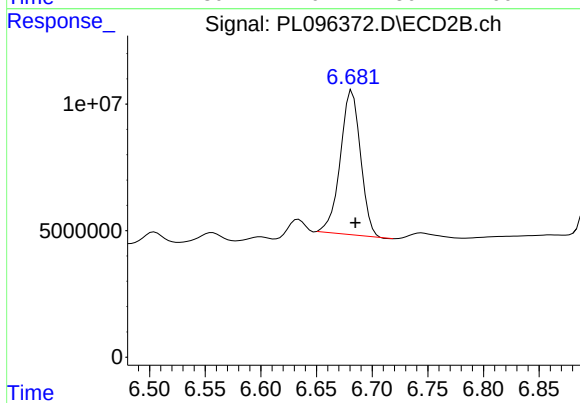
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 141683763
Conc: 25.19 ng/ml



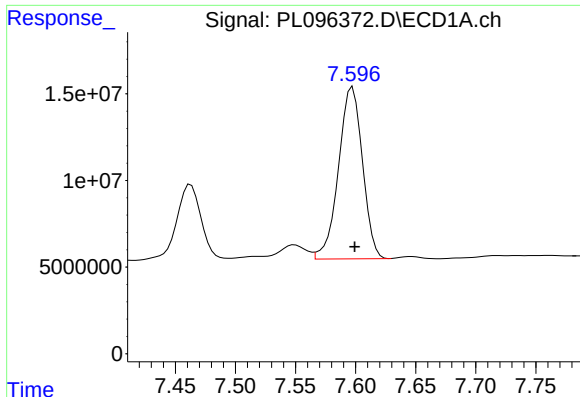
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 61906727
Conc: 39.30 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 71687466
Conc: 23.60 ng/ml



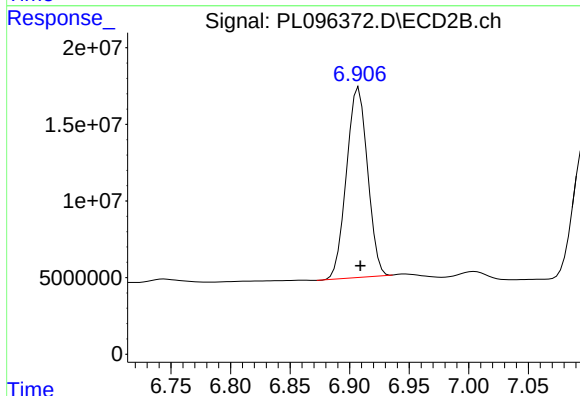
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 137947865
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

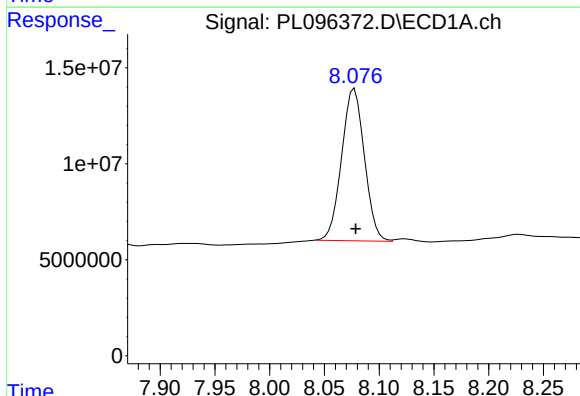
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



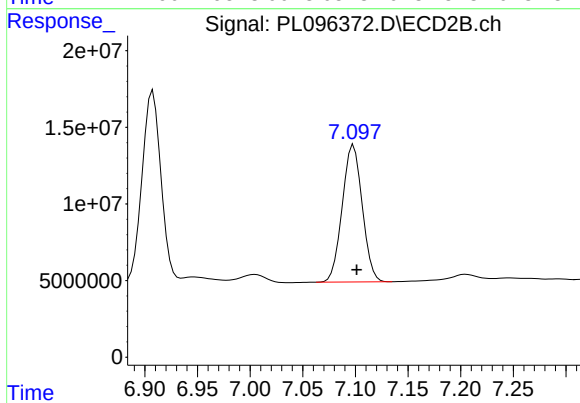
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: -0.001 min
Response: 152825236
Conc: 24.44 ng/ml



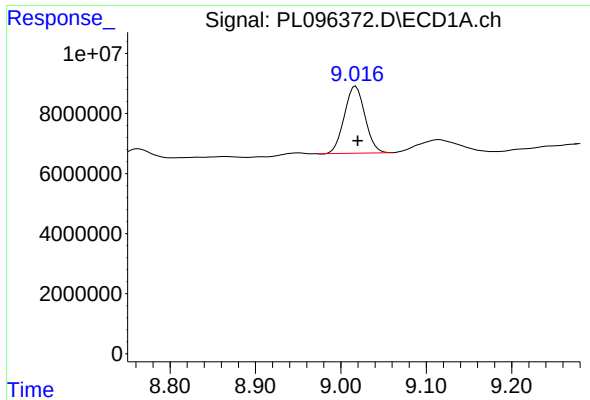
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 114674579
Conc: 41.22 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 118818435
Conc: 23.92 ng/ml



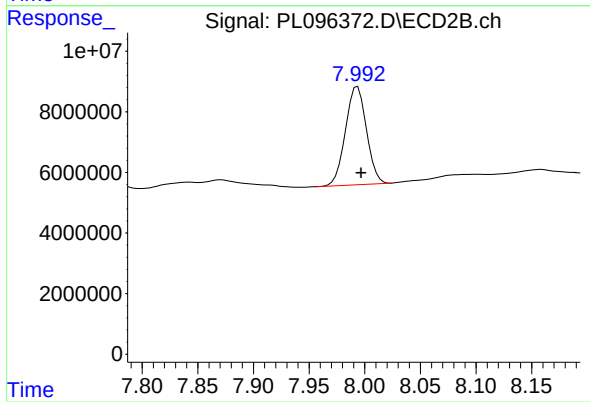
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.002 min
Response: 37402762
Conc: 13.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
STOCK-PILEMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 42608916
Conc: 8.54 ng/ml