

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011325\
 Data File : PL093642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2025 13:26
 Operator : AR\AJ
 Sample : Q1068-01MSD 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-06-1-10-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/13/2025
 Supervised By :Ankita Jodhani 01/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 13:41:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.537	2.775	9290130	10284611	3.753m	3.533
28) SA Decachlor...	9.057	7.914	6651415	9672814	3.597	3.239
Target Compounds						
2) A alpha-BHC	3.995	3.278	42733267	43976211	12.378	10.117
3) MA gamma-BHC...	4.328	3.608	39635989	42769147	12.086	10.136
4) MA Heptachlor	4.916	3.946	37633705	46197798	12.852	11.116
5) MB Aldrin	5.258	4.226	35895653	41838086	12.340	10.199
6) B beta-BHC	4.527	3.908	17738082	22670300	12.305	12.612
7) B delta-BHC	4.773	4.137	38251614	44244933	12.490	10.463
8) B Heptachlo...	5.685	4.729	34204904	40726206	12.984	10.637
9) A Endosulfan I	6.070	5.098	29293576	34618278	12.416	9.908m
10) B gamma-Chl...	5.940	4.978	34157148	43326880	13.592	11.245m
11) B alpha-Chl...	6.020	5.043	32885801	42340116	13.139	11.120
12) B 4,4'-DDE	6.193	5.232	28048993	44313282	12.500	12.051
13) MA Dieldrin	6.345	5.362	30978930	43502529	12.416	11.288m
14) MA Endrin	6.575	5.638	28858465	36737819	13.407	11.105m
15) B Endosulfa...	6.795	5.934	29367974	37701449	12.919	11.604
16) A 4,4'-DDD	6.711	5.787	26995243	33446474	15.374	11.818
17) MA 4,4'-DDT	7.025	6.036	25728333	32374484	13.918	10.719m
18) B Endrin al...	6.926	6.114	21963796	29768385	12.377	11.054
19) B Endosulfa...	7.160	6.336	26464597	33984450	13.108	10.774
20) A Methoxychlor	7.502	6.612	13327220	18412706	13.332	11.439
21) B Endrin ke...	7.644	6.842	29840497	37311555	13.299m	10.249
22) Mirex	8.119	7.022	23073233	30181967	12.347	9.875

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011325\
Data File : PL093642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jan 2025 13:26
Operator : AR\AJ
Sample : Q1068-01MSD 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

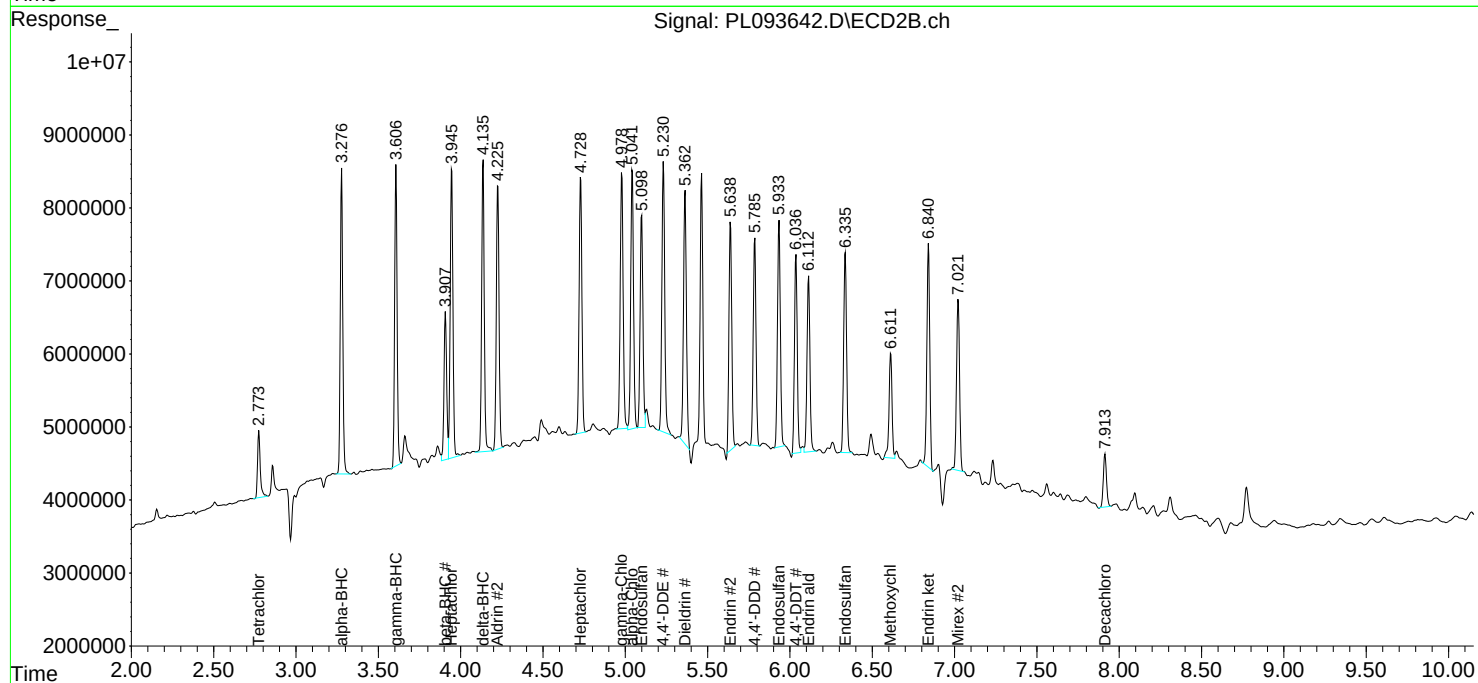
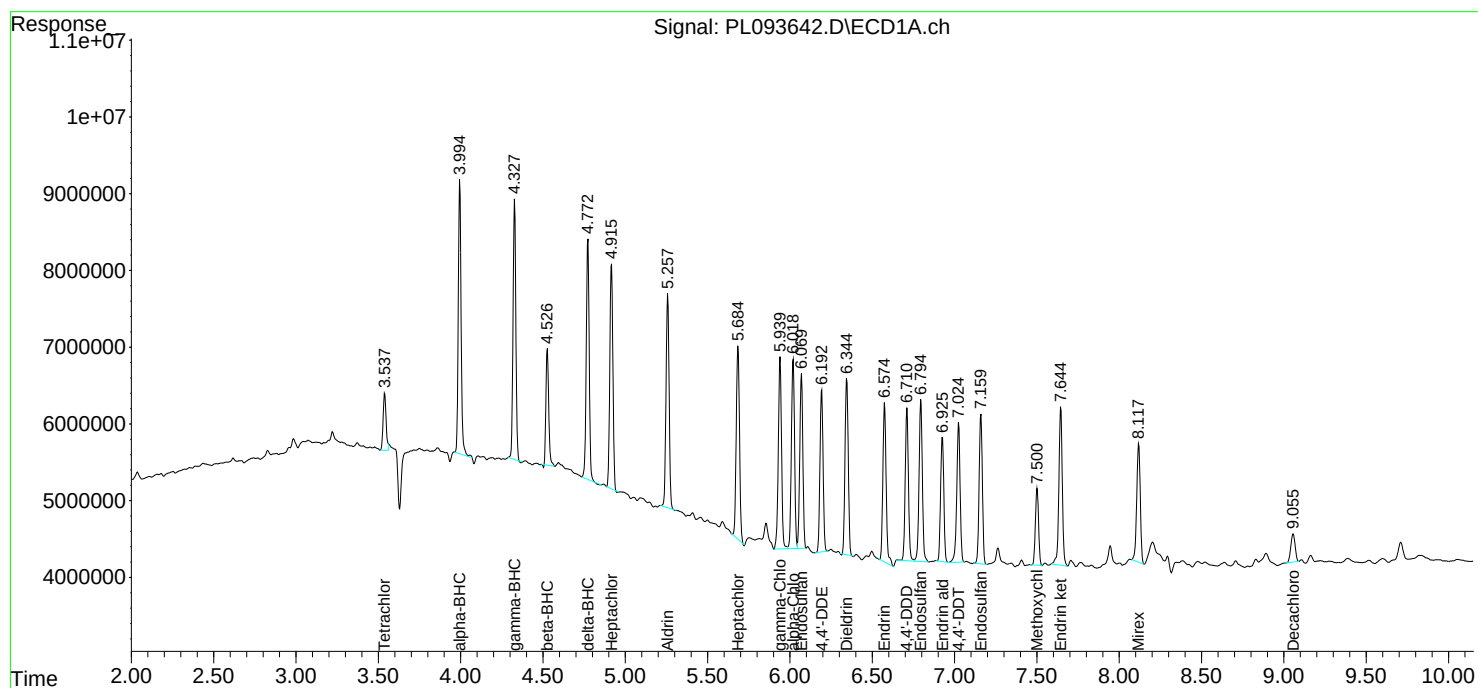
Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

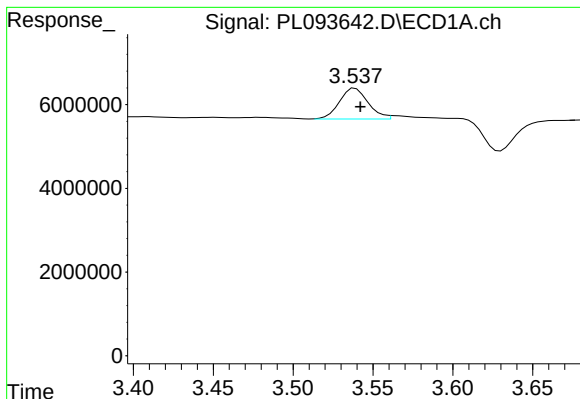
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 01/13/2025
Supervised By : Ankita Jodhani 01/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 13 13:41:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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





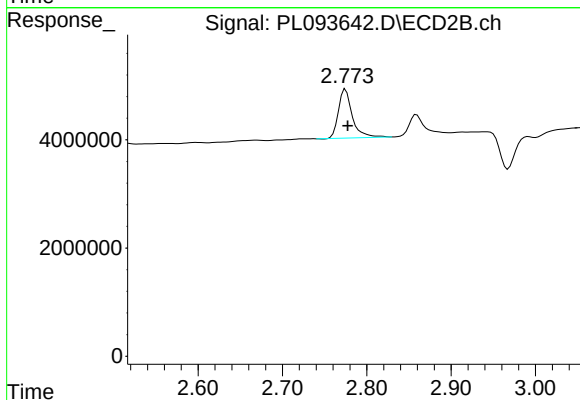
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 9290130
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

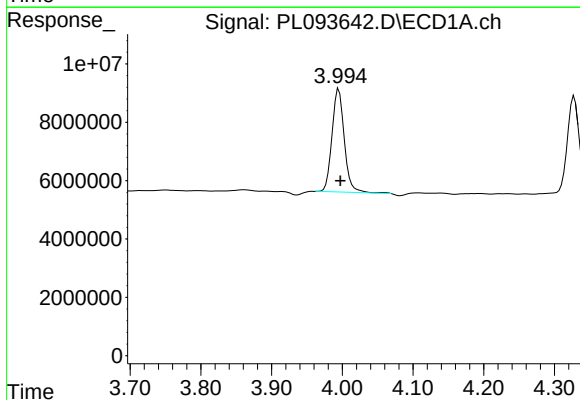
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



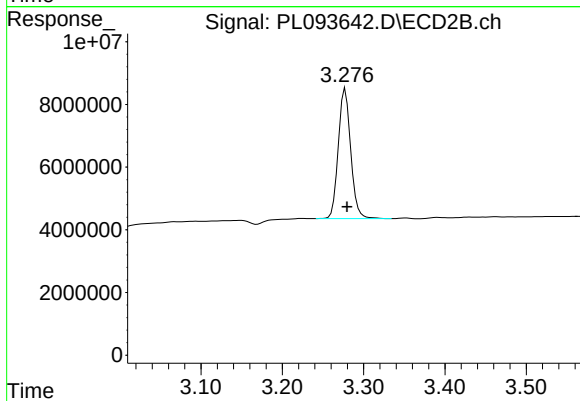
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 10284611
Conc: 3.53 ng/ml



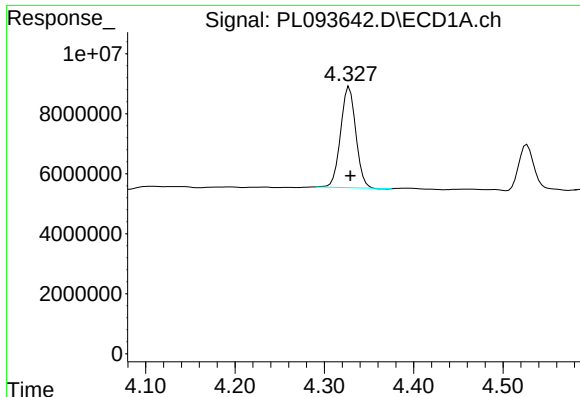
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 42733267
Conc: 12.38 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 43976211
Conc: 10.12 ng/ml



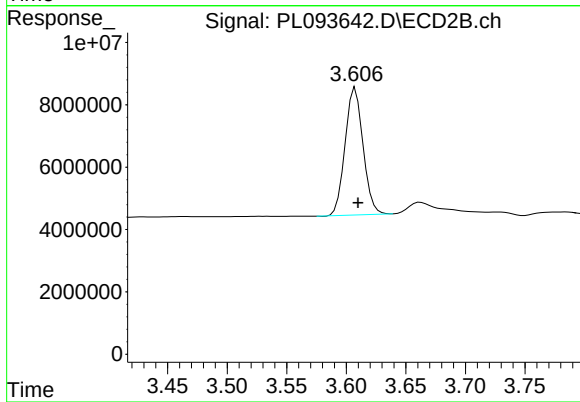
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 39635989
Conc: 12.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

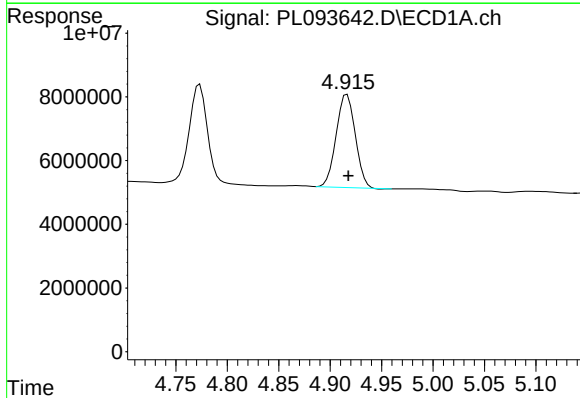
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



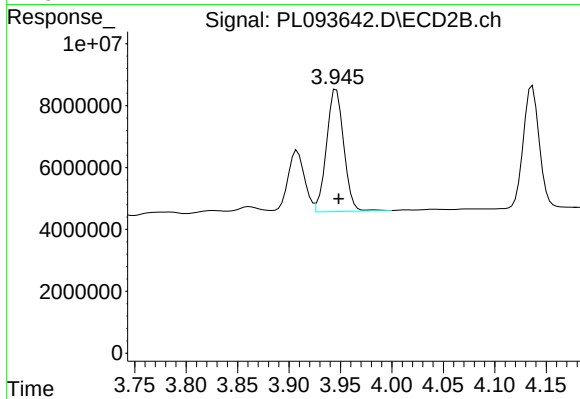
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 42769147
Conc: 10.14 ng/ml



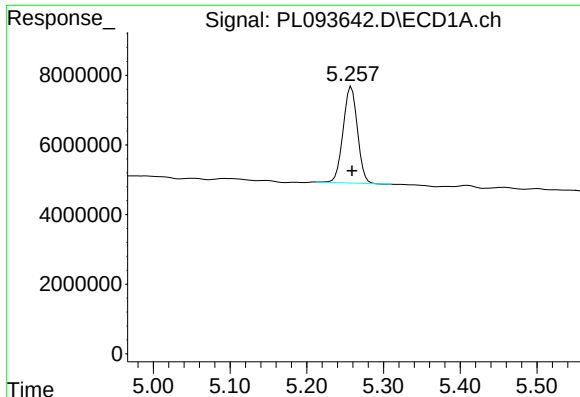
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 37633705
Conc: 12.85 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 46197798
Conc: 11.12 ng/ml



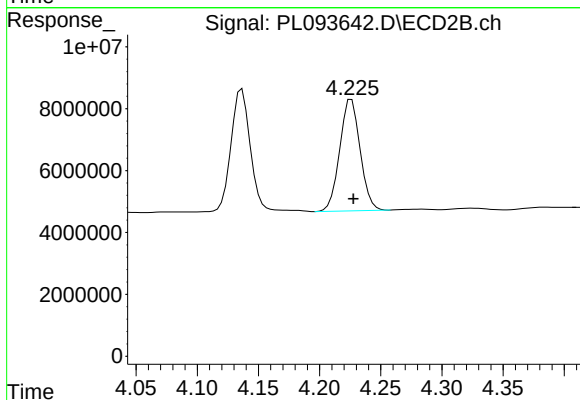
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 35895653
Conc: 12.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

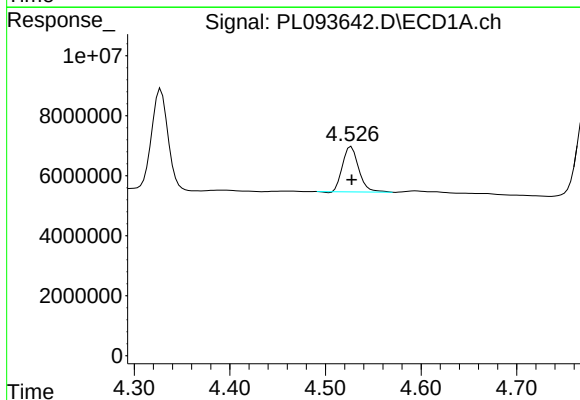
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



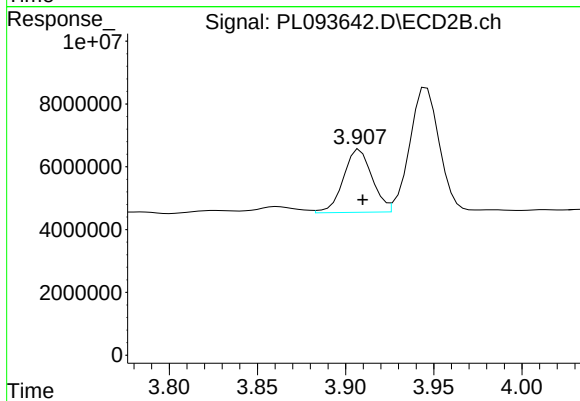
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 41838086
Conc: 10.20 ng/ml



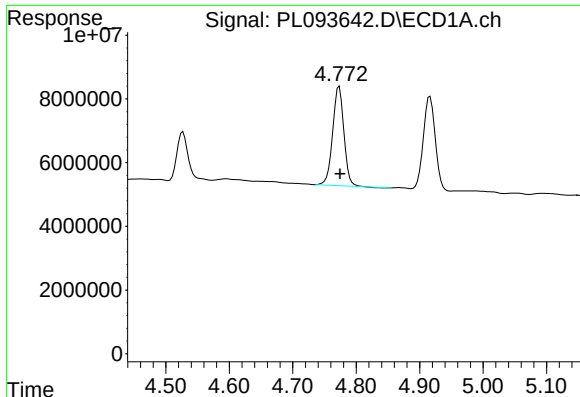
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 17738082
Conc: 12.30 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 22670300
Conc: 12.61 ng/ml



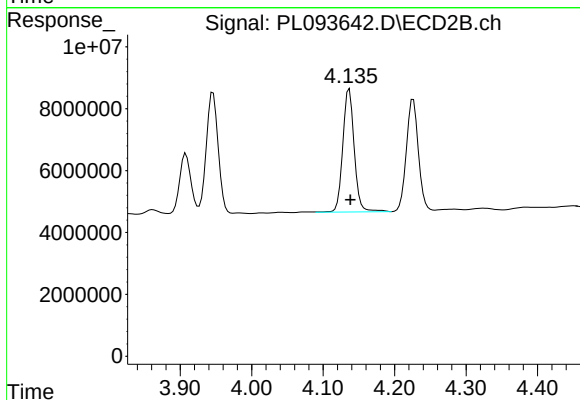
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 38251614
Conc: 12.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

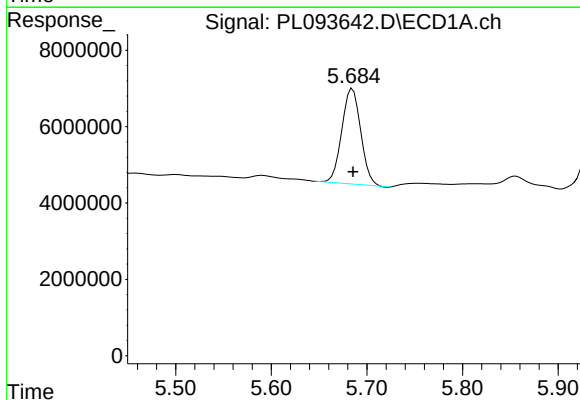
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



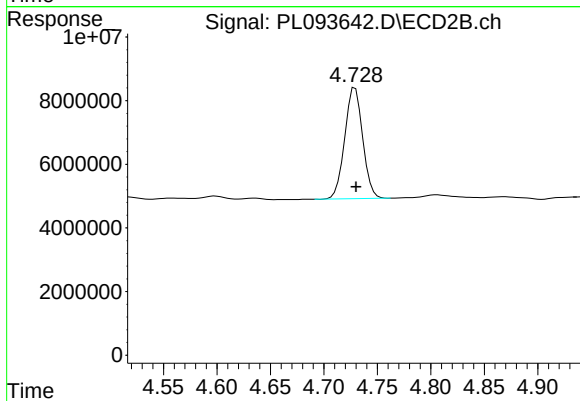
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 44244933
Conc: 10.46 ng/ml



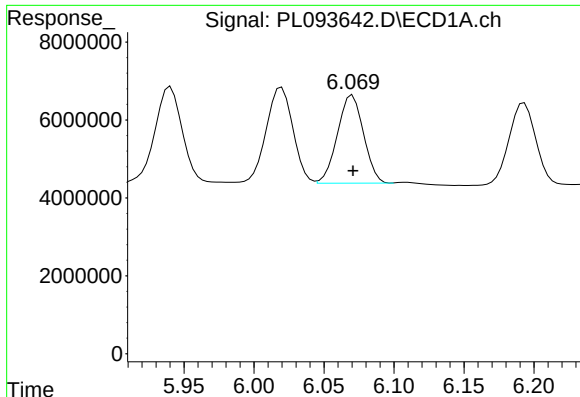
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 34204904
Conc: 12.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.000 min
Response: 40726206
Conc: 10.64 ng/ml



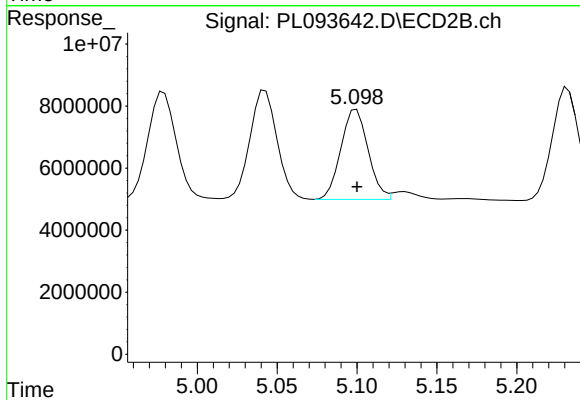
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 29293576
Conc: 12.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

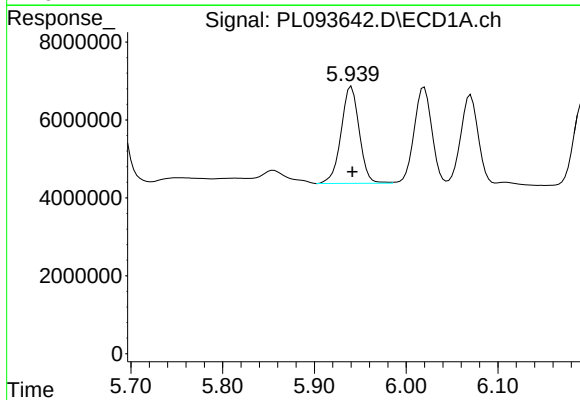
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



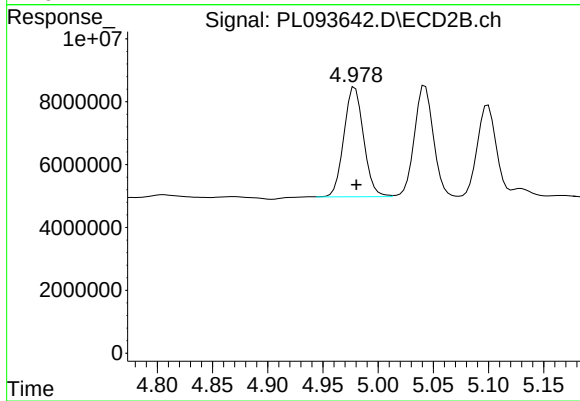
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 34618278
Conc: 9.91 ng/ml m



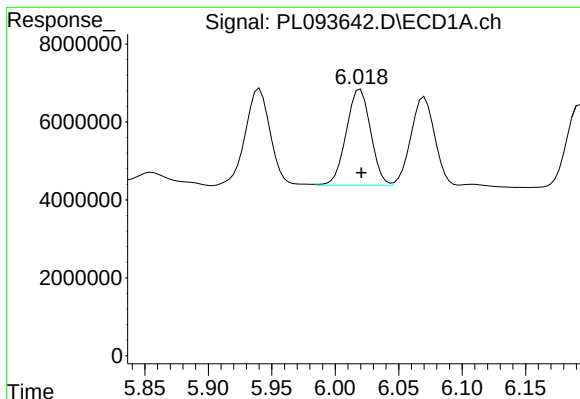
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 34157148
Conc: 13.59 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 43326880
Conc: 11.24 ng/ml m



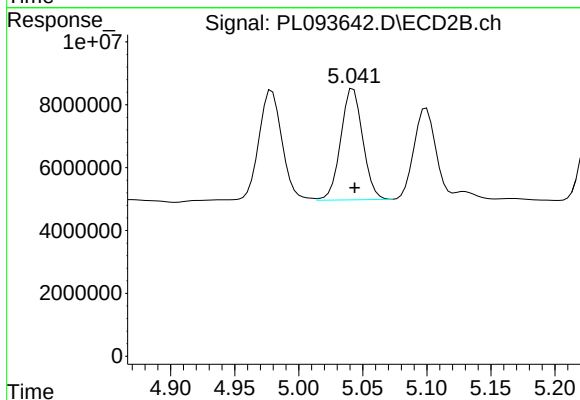
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 32885801
Conc: 13.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

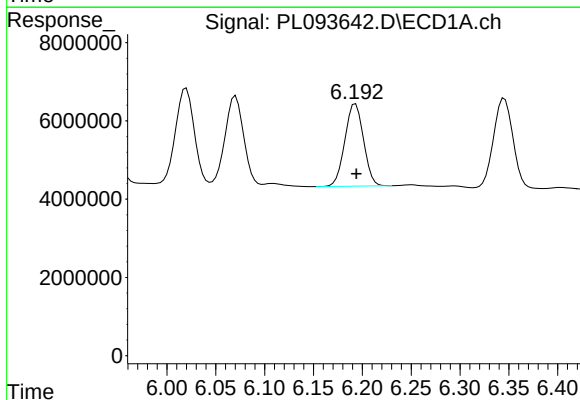
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



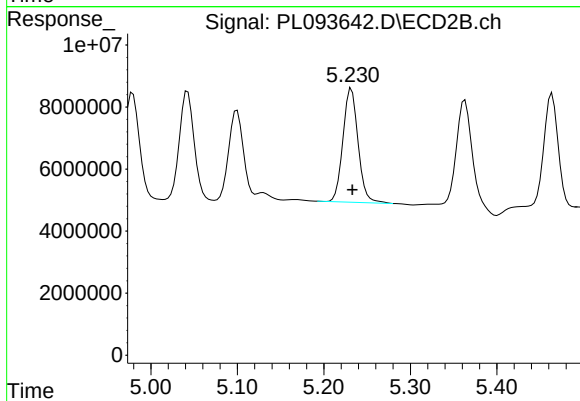
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 42340116
Conc: 11.12 ng/ml



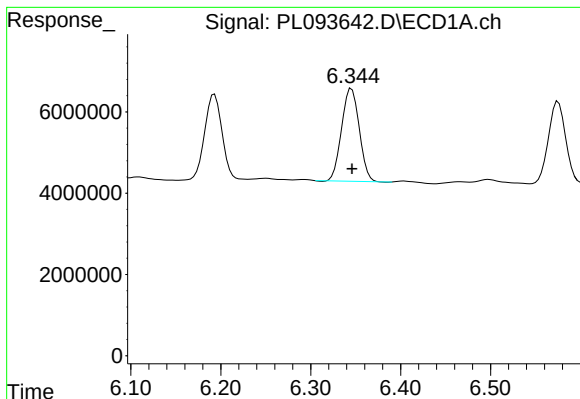
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 28048993
Conc: 12.50 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 44313282
Conc: 12.05 ng/ml



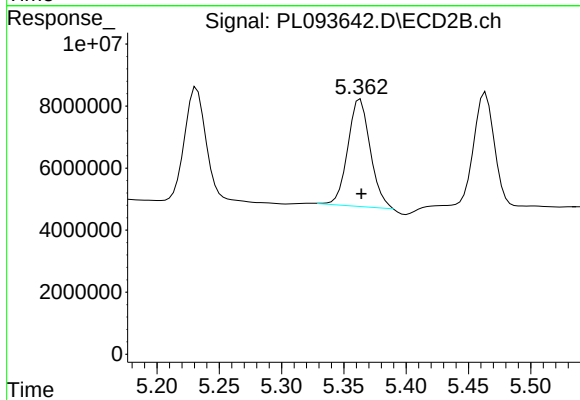
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 30978930
Conc: 12.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

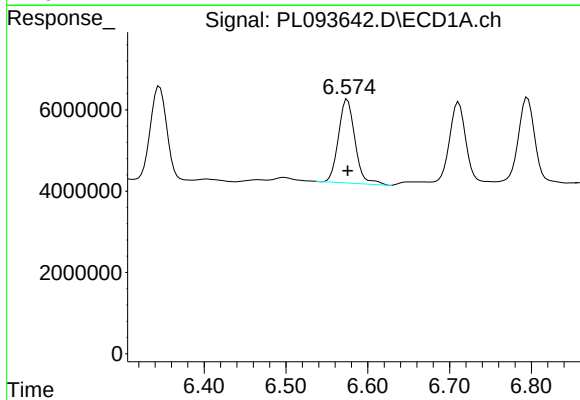
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



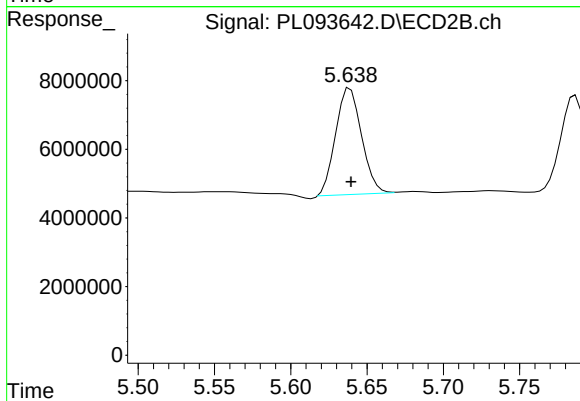
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 43502529
Conc: 11.29 ng/ml m



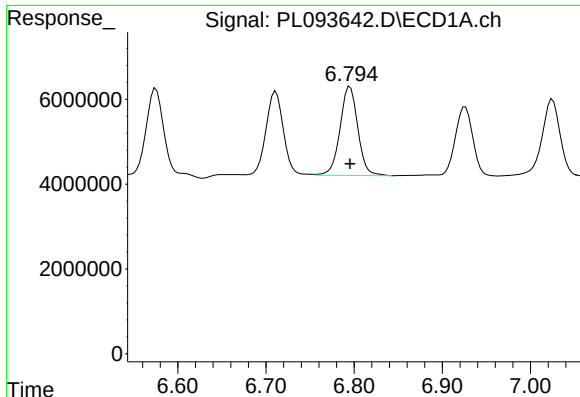
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 28858465
Conc: 13.41 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 36737819
Conc: 11.10 ng/ml m



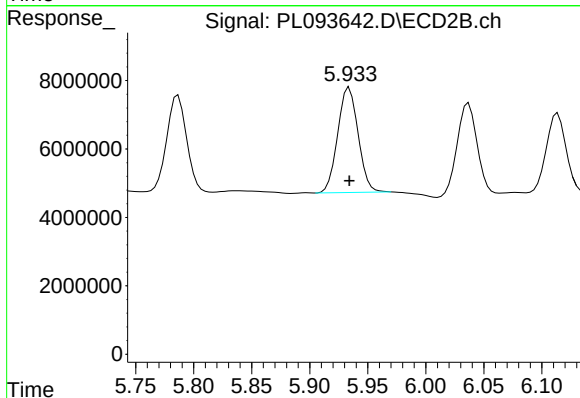
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 29367974
Conc: 12.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

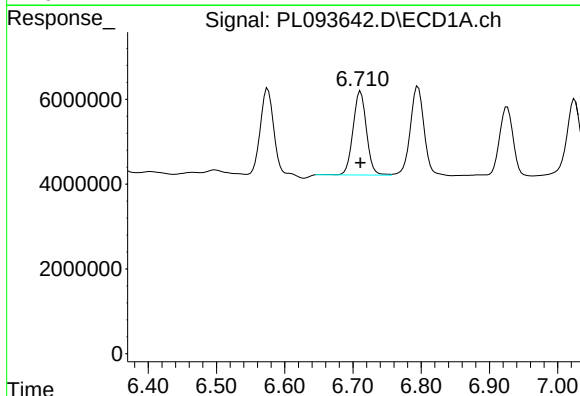
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



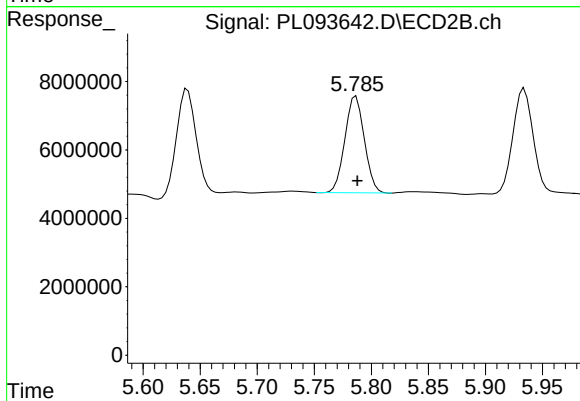
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 37701449
Conc: 11.60 ng/ml



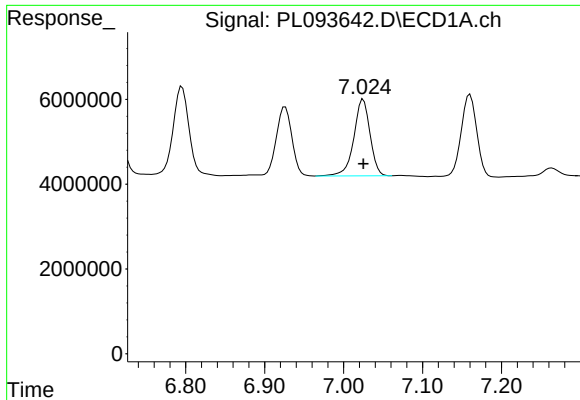
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 26995243
Conc: 15.37 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 33446474
Conc: 11.82 ng/ml



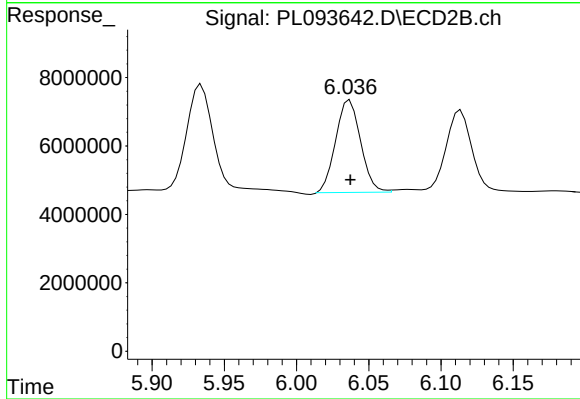
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 25728333
Conc: 13.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

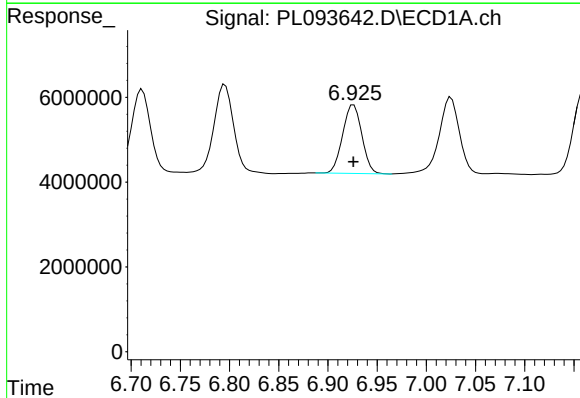
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



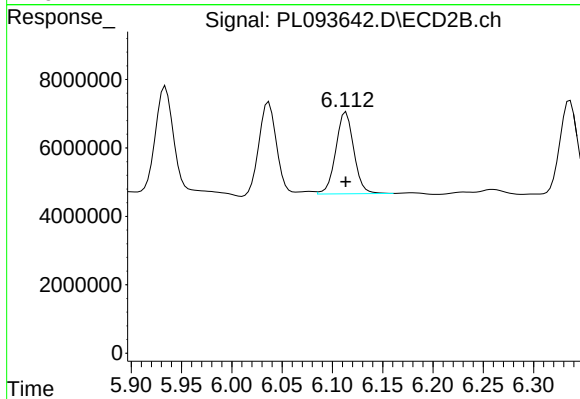
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 32374484
Conc: 10.72 ng/ml m



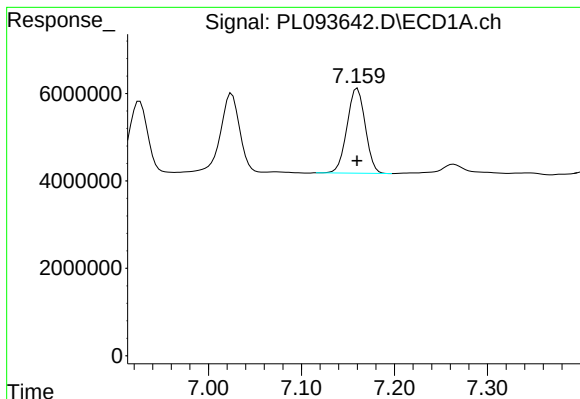
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 21963796
Conc: 12.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 29768385
Conc: 11.05 ng/ml



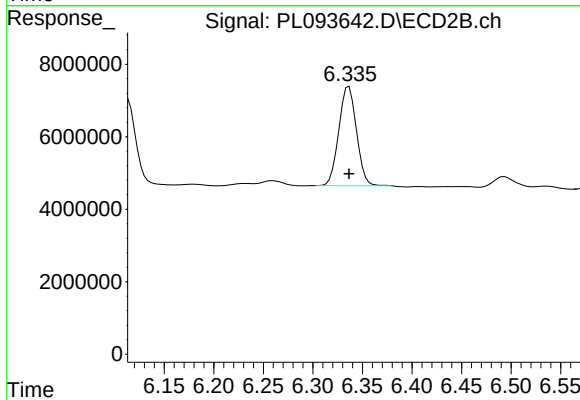
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 26464597
Conc: 13.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

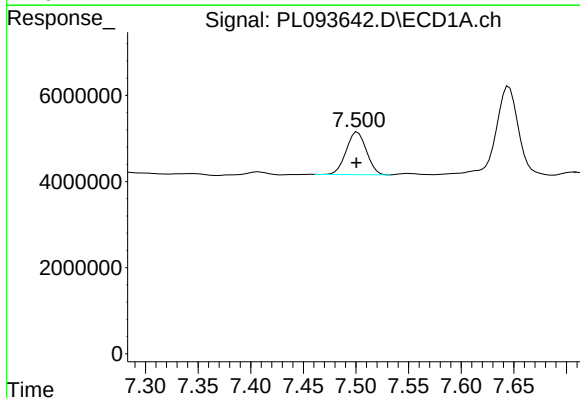
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



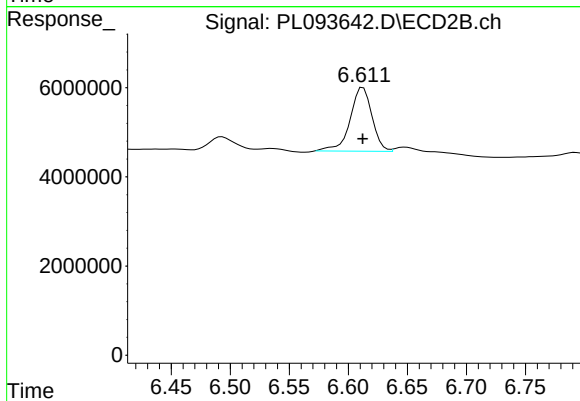
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 33984450
Conc: 10.77 ng/ml



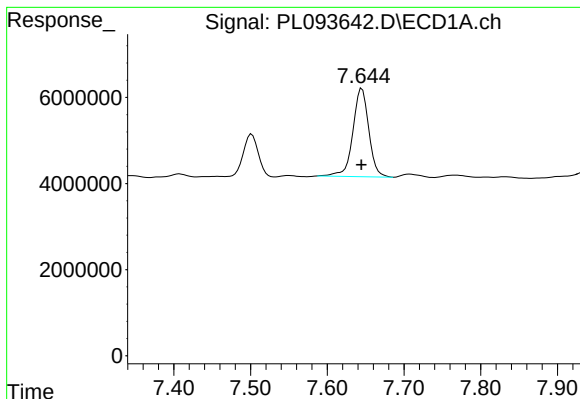
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 13327220
Conc: 13.33 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 18412706
Conc: 11.44 ng/ml



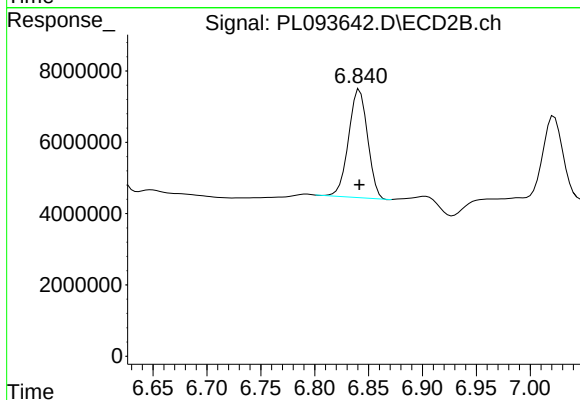
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 29840497
Conc: 13.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

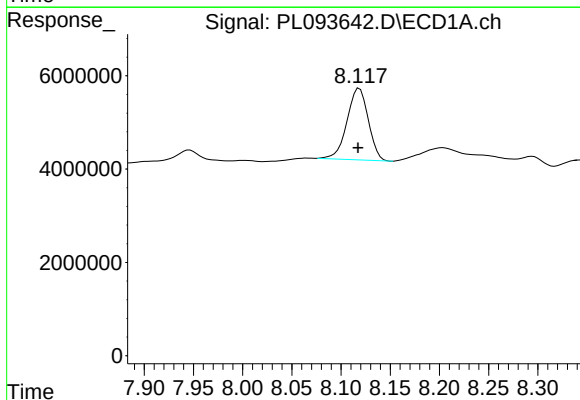
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



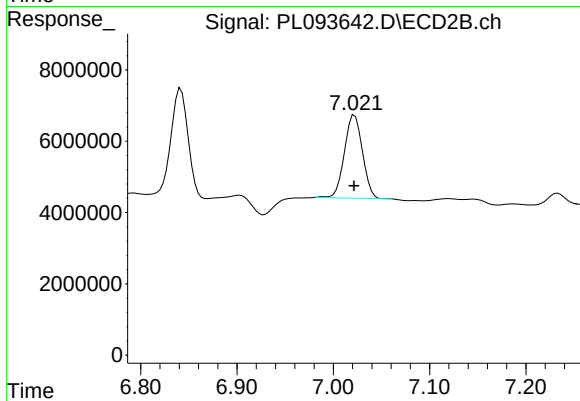
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.000 min
Response: 37311555
Conc: 10.25 ng/ml



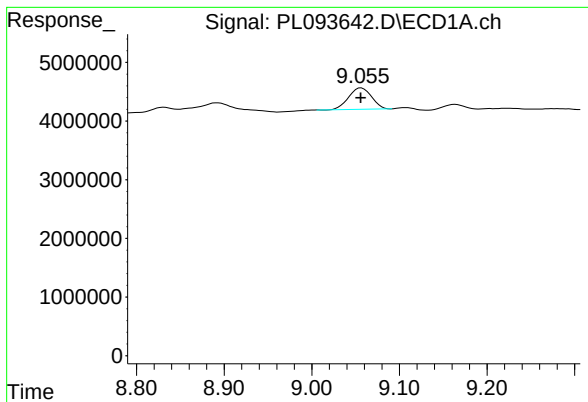
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.001 min
Response: 23073233
Conc: 12.35 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 30181967
Conc: 9.87 ng/ml



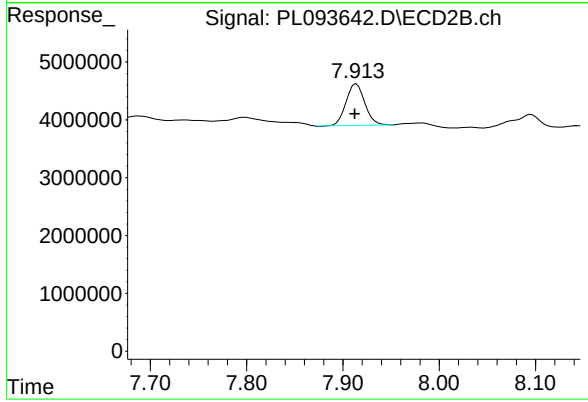
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 6651415
Conc: 3.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-1-10-2025MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/13/2025
Supervised By :Ankita Jodhani 01/14/2025



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 9672814
Conc: 3.24 ng/ml