

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011625\
 Data File : PL093670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2025 14:21
 Operator : AR\AJ
 Sample : Q1094-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/17/2025
 Supervised By :Ankita Jodhani 01/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 06:18:20 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...	3.538	2.775	49902030	61964504	20.157m	21.285
28) SA Decachlor...	9.057	7.912	38824056	50277070	20.997	16.838
Target Compounds						
2) A alpha-BHC	3.995	3.277	181.2E6	227.5E6	52.481	52.334
3) MA gamma-BHC...	4.327	3.608	174.8E6	216.5E6	53.313m	51.319
4) MA Heptachlor	4.917	3.946	155.9E6	224.4E6	53.236	53.993
5) MB Aldrin	5.258	4.226	146.5E6	231.5E6	50.374	56.434
6) B beta-BHC	4.526	3.908	72391494	99122783	50.216m	55.145
7) B delta-BHC	4.773	4.137	158.4E6	215.7E6	51.726	51.016
8) B Heptachlo...	5.684	4.729	138.3E6	190.5E6	52.484	49.747
9) A Endosulfan I	6.070	5.099	112.5E6	139.7E6	47.673	39.978
10) B gamma-Chl...	5.941	4.979	158.5E6	272.4E6	63.084	70.710
11) B alpha-Chl...	6.020	5.042	173.0E6	246.0E6	69.116	64.608
12) B 4,4'-DDE	6.193	5.231	112.1E6	208.0E6	49.969	56.573
13) MA Dieldrin	6.345	5.362	179.7E6	303.7E6	72.012	78.792
14) MA Endrin	6.575	5.638	104.1E6	174.3E6	48.372	52.685
15) B Endosulfa...	6.795	5.934	108.6E6	172.7E6	47.785	53.158
16) A 4,4'-DDD	6.711	5.786	101.8E6	136.8E6	57.981	48.352
17) MA 4,4'-DDT	7.025	6.036	115.2E6	179.1E6	62.302	59.306
18) B Endrin al...	6.924	6.112	84020423	128.5E6	47.348m	47.702
19) B Endosulfa...	7.160	6.335	100.8E6	148.0E6	49.923	46.931
20) A Methoxychlor	7.502	6.611	50842181	75623944	50.859	46.982
21) B Endrin ke...	7.644	6.839	108.1E6	151.7E6	48.170m	41.662m
22) Mirex	8.118	7.021	83314070	111.6E6	44.584	36.518

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011625\
Data File : PL093670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 14:21
Operator : AR\AJ
Sample : Q1094-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

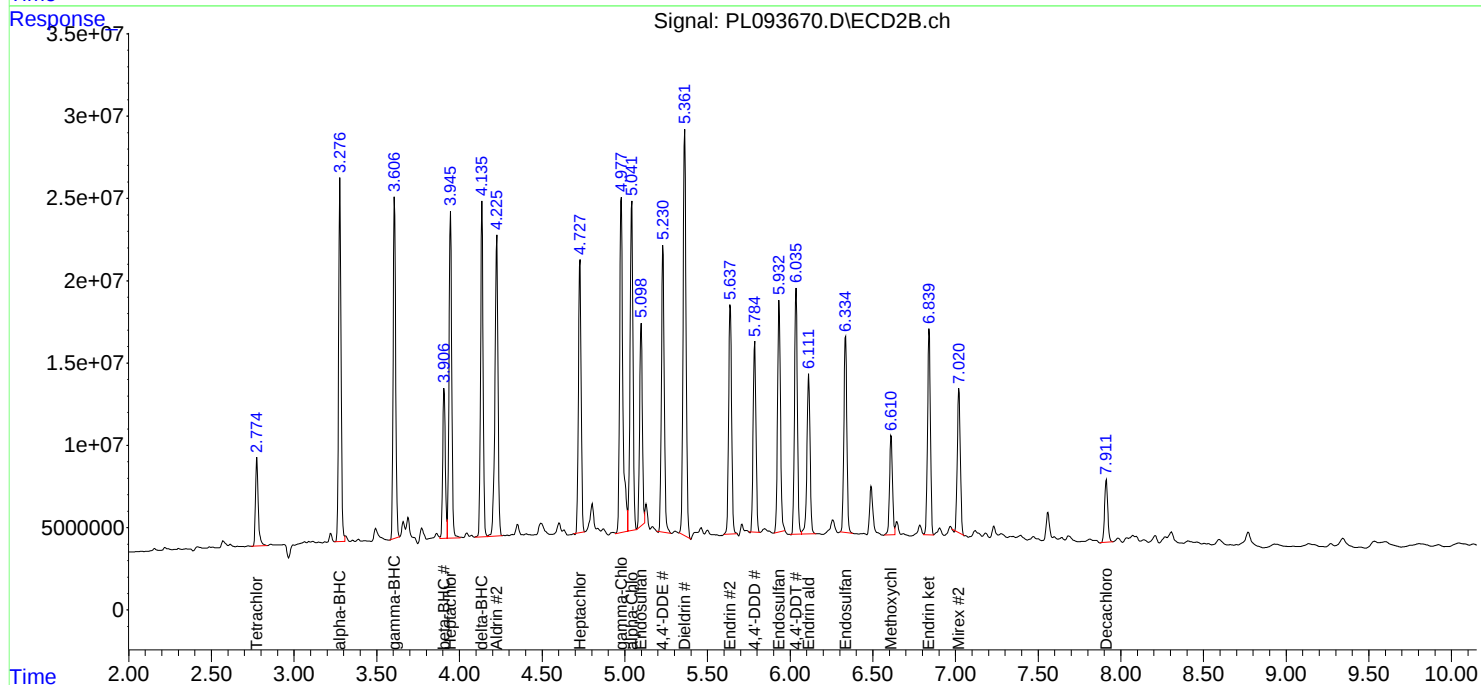
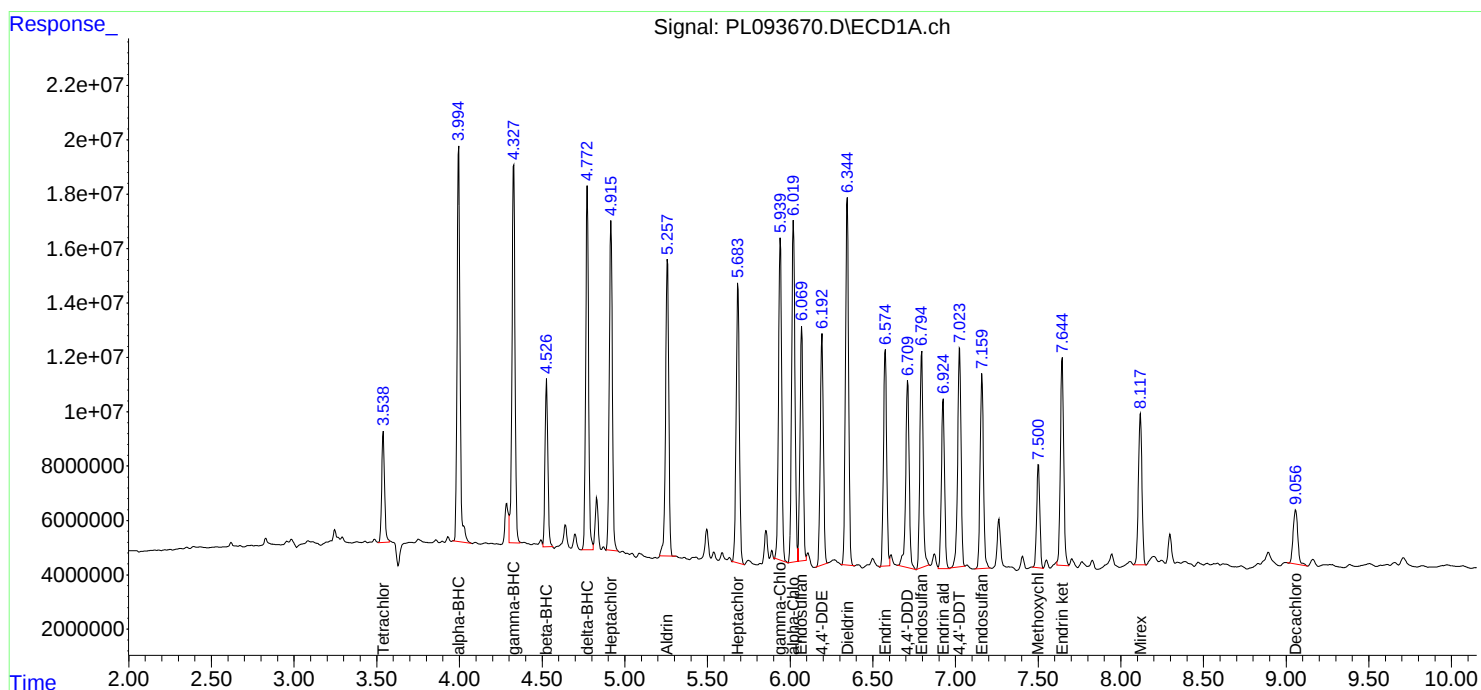
Instrument :
ECD_L
ClientSampleId :
72-11938MS

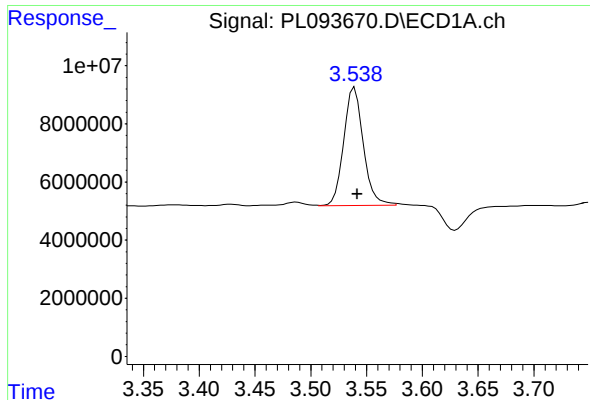
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 06:18:20 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





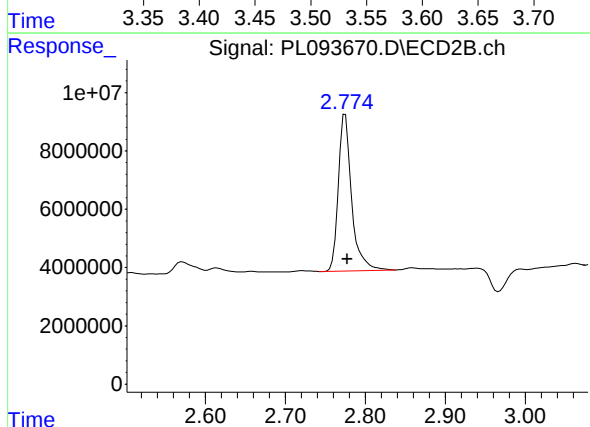
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.004 min
Response: 49902030
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

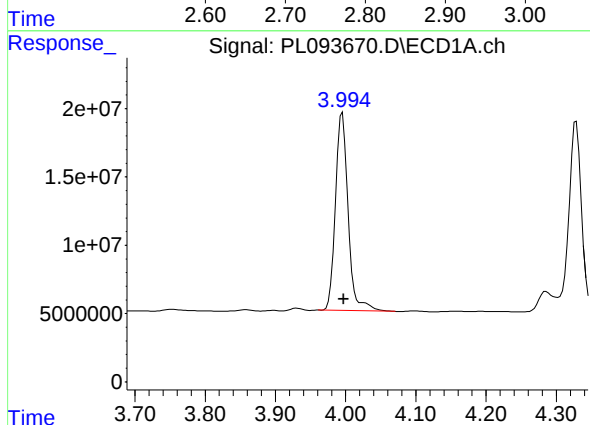
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



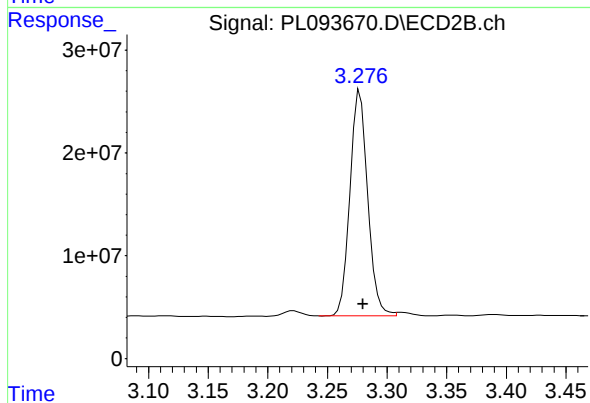
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 61964504
Conc: 21.28 ng/ml



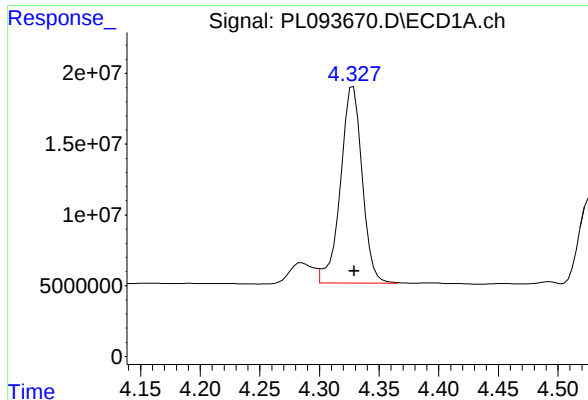
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 181185723
Conc: 52.48 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 227484362
Conc: 52.33 ng/ml



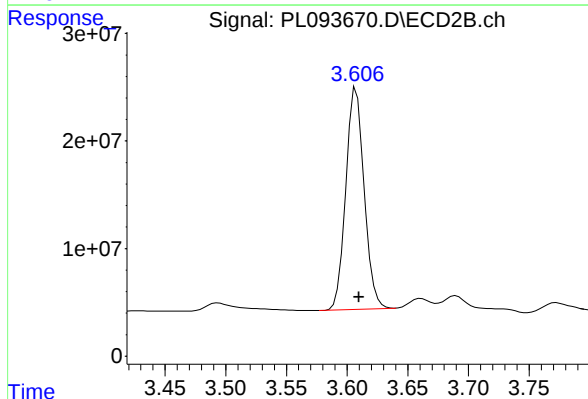
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 174836519
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

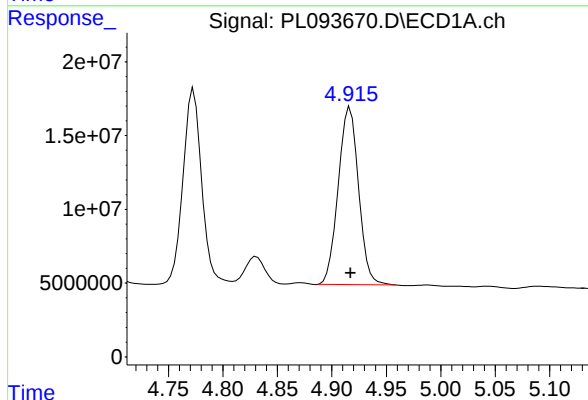
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



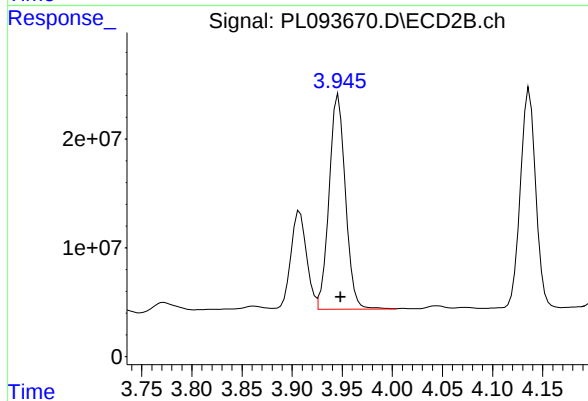
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 216532126
Conc: 51.32 ng/ml



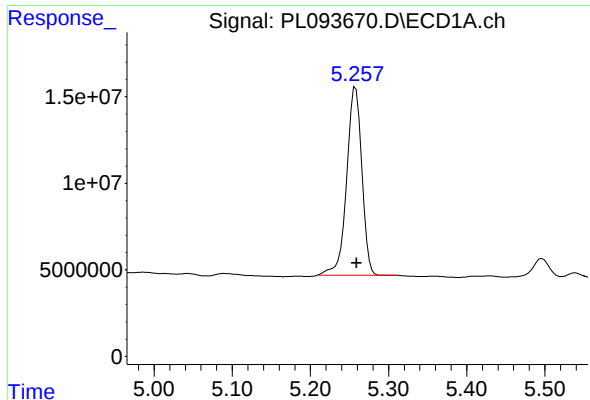
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 155891507
Conc: 53.24 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 224388597
Conc: 53.99 ng/ml



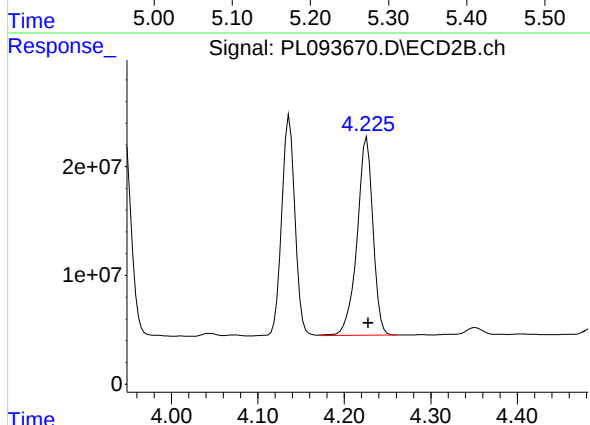
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 146531273
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

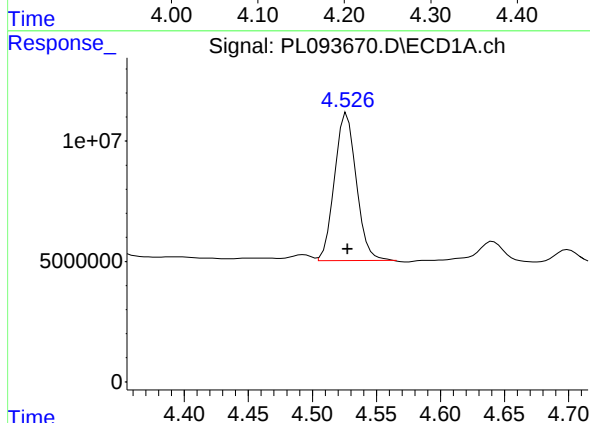
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



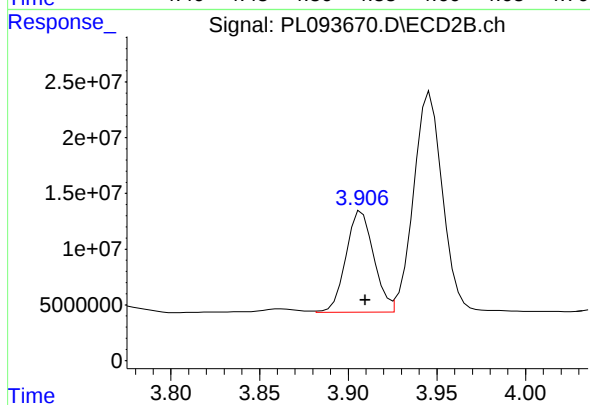
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 231508139
Conc: 56.43 ng/ml



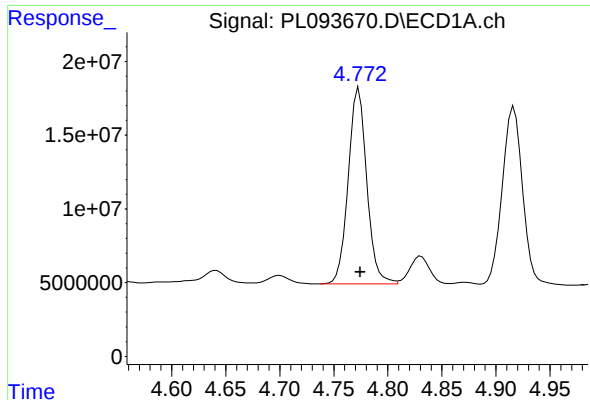
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 72391494
Conc: 50.22 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 99122783
Conc: 55.15 ng/ml



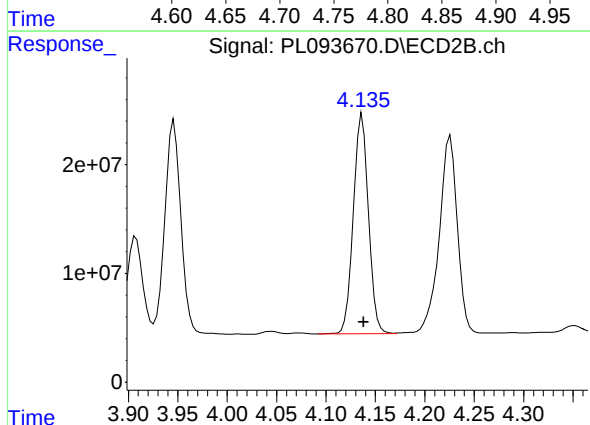
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.001 min
Response: 158416402
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

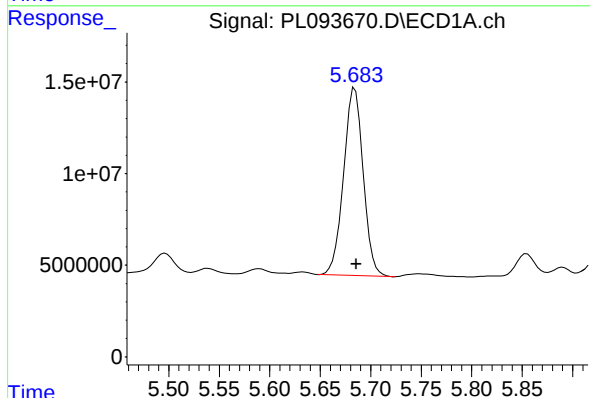
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



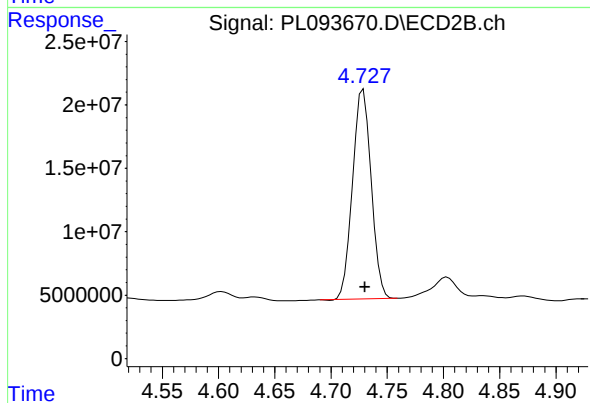
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 215741009
Conc: 51.02 ng/ml



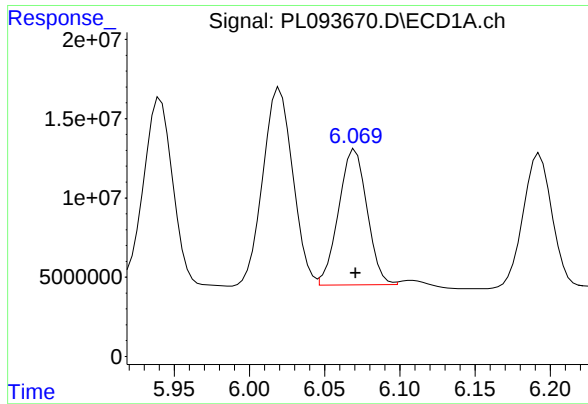
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 138260575
Conc: 52.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.001 min
Response: 190468348
Conc: 49.75 ng/ml



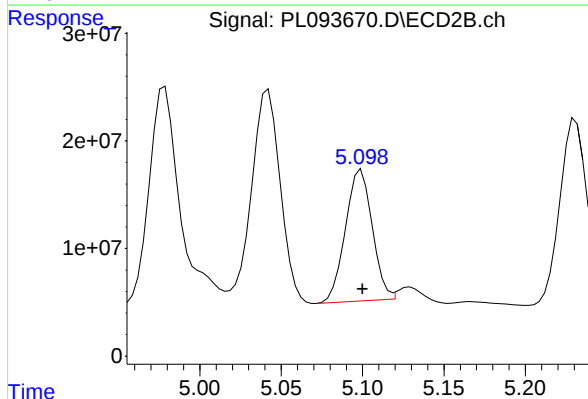
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 112472896
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

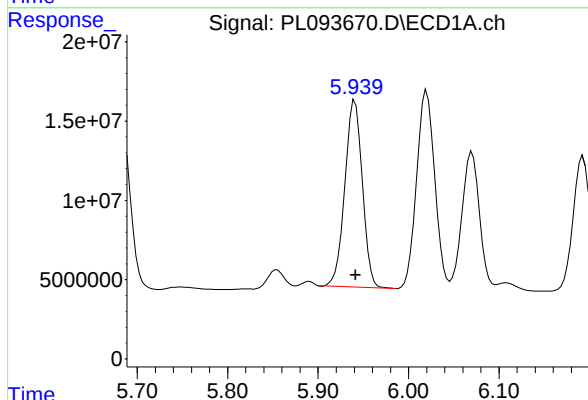
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



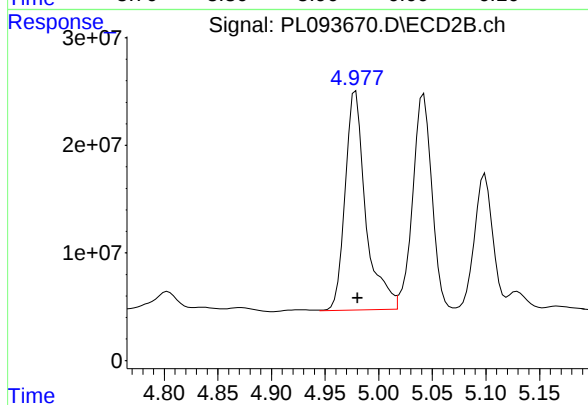
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 139681033
Conc: 39.98 ng/ml



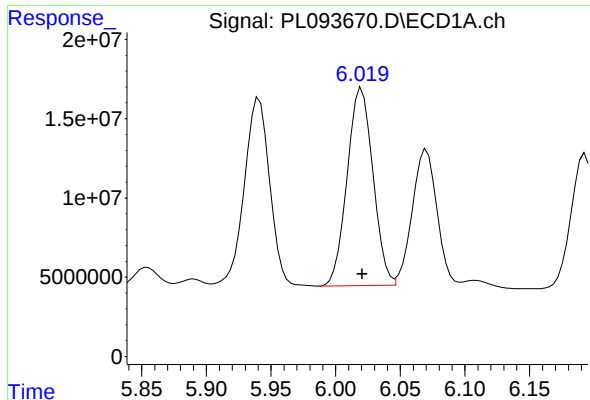
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 158535692
Conc: 63.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 272447402
Conc: 70.71 ng/ml



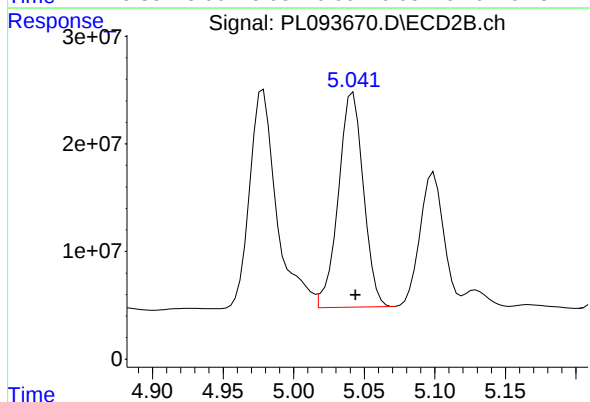
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 172991168
Conc: 69.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

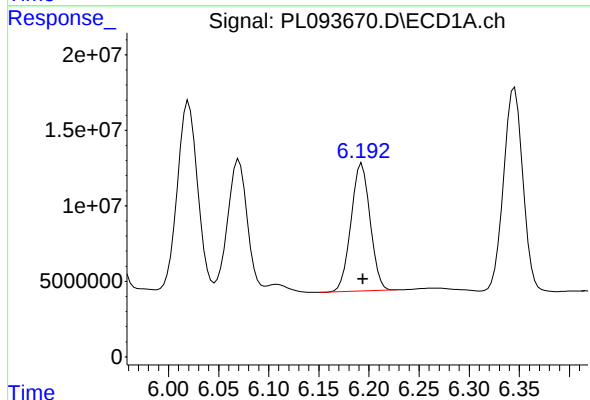
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



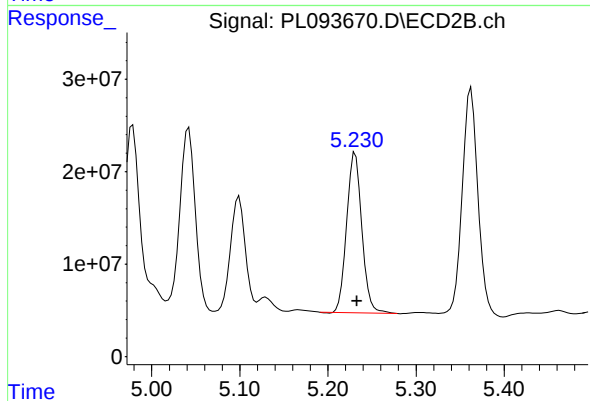
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 245987658
Conc: 64.61 ng/ml



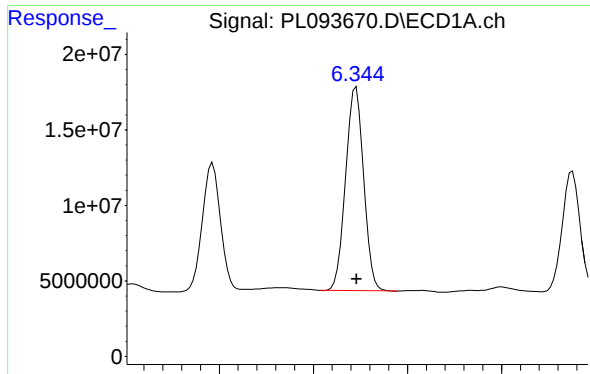
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 112123349
Conc: 49.97 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 208032970
Conc: 56.57 ng/ml



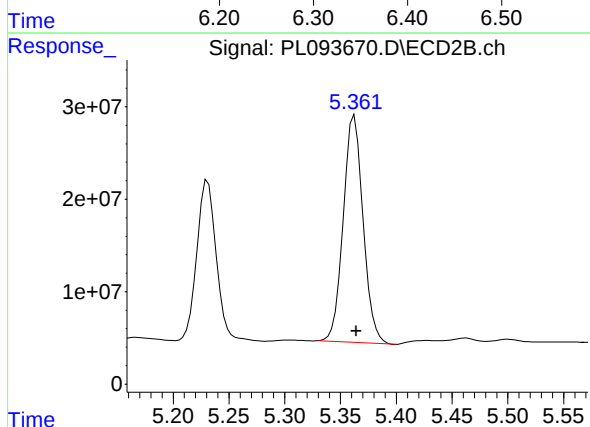
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 179676126
Conc: 72.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

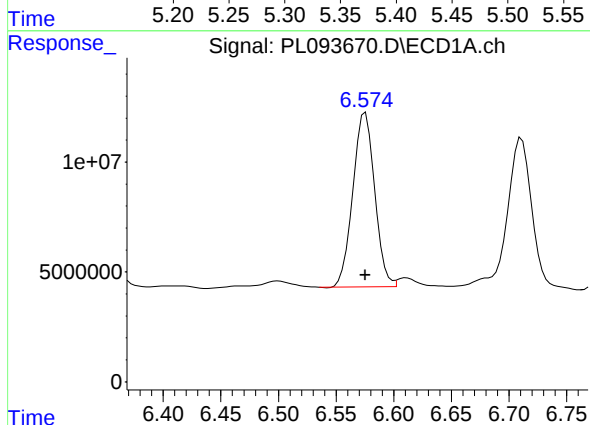
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



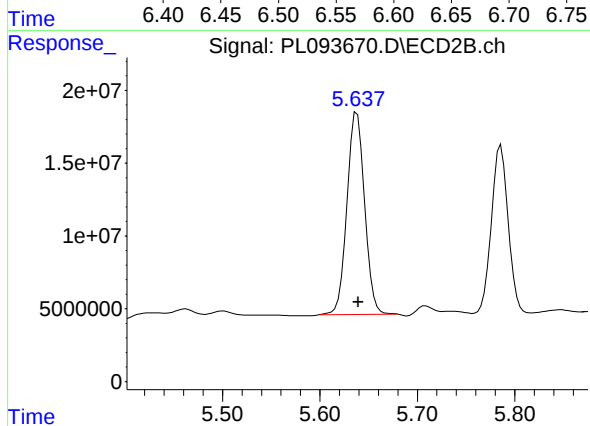
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 303655739
Conc: 78.79 ng/ml



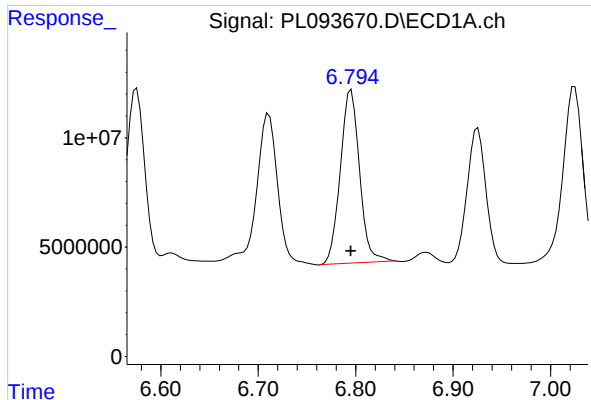
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 104117324
Conc: 48.37 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 174300115
Conc: 52.69 ng/ml



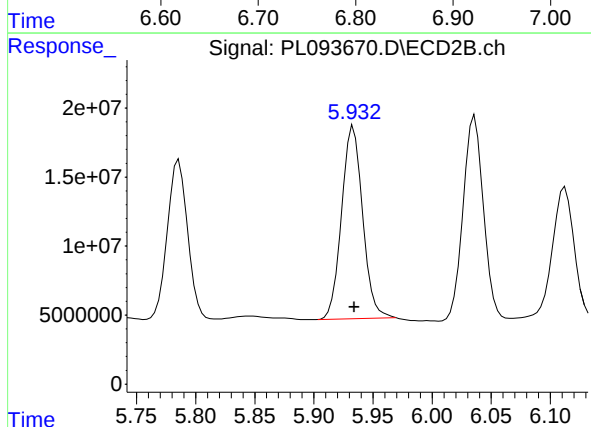
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 108628154
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

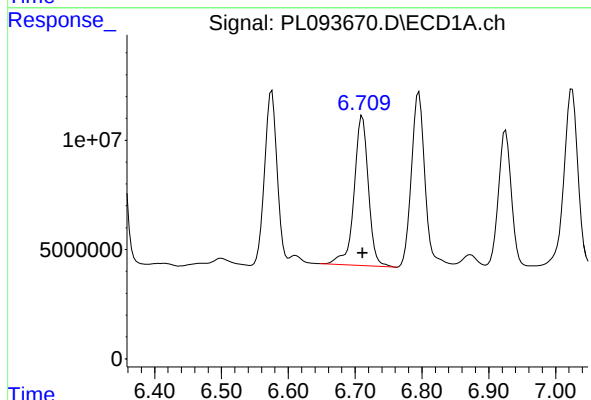
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



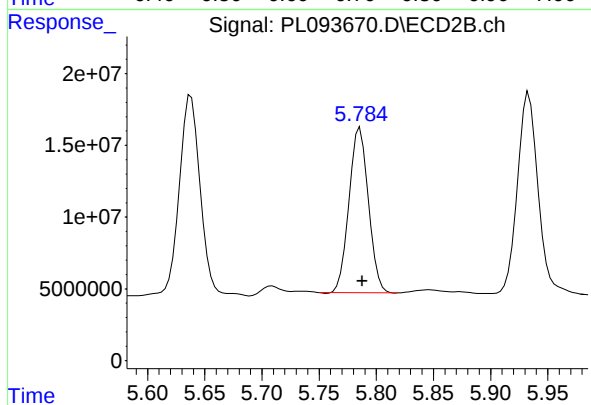
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 172706086
Conc: 53.16 ng/ml



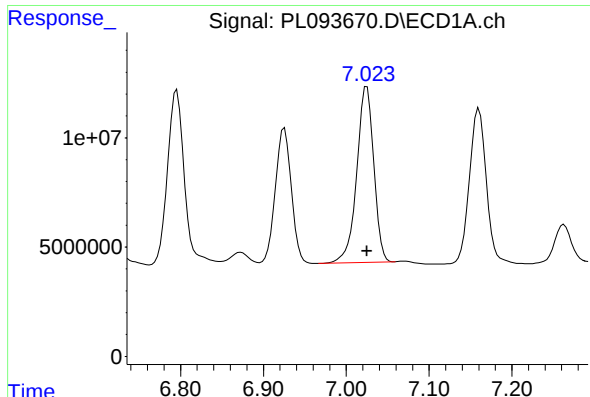
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 101811900
Conc: 57.98 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 136843901
Conc: 48.35 ng/ml



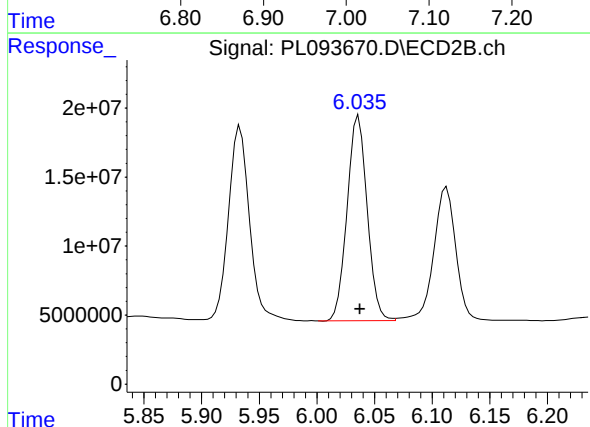
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 115166874
Conc: 62.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

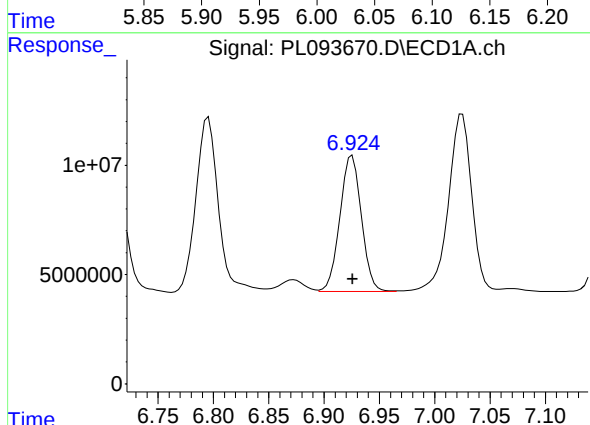
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



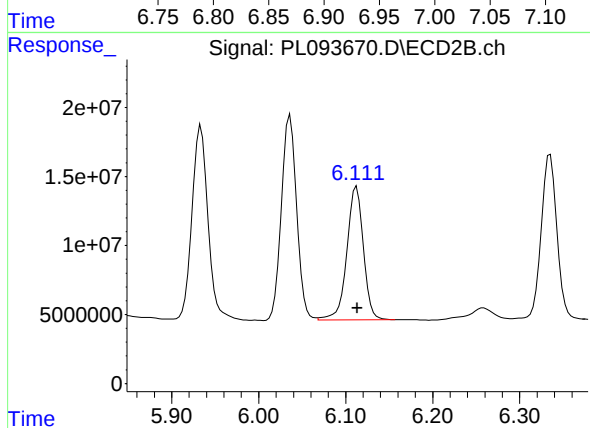
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 179123427
Conc: 59.31 ng/ml



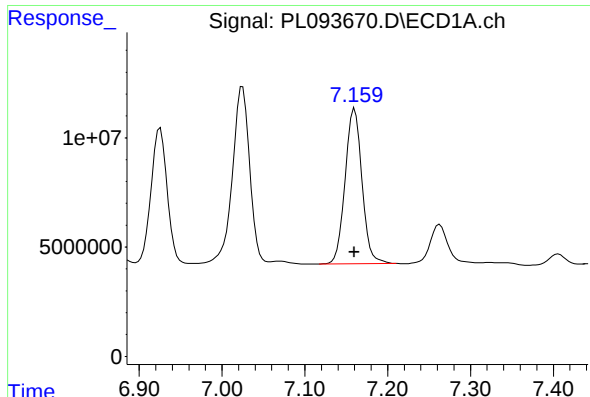
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 84020423
Conc: 47.35 ng/ml m



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 128466841
Conc: 47.70 ng/ml



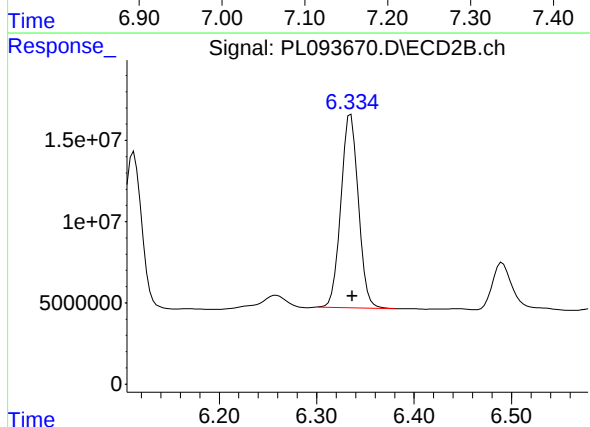
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 100795895
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

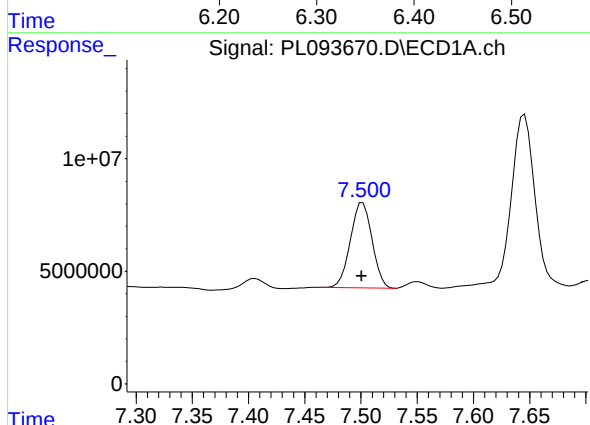
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



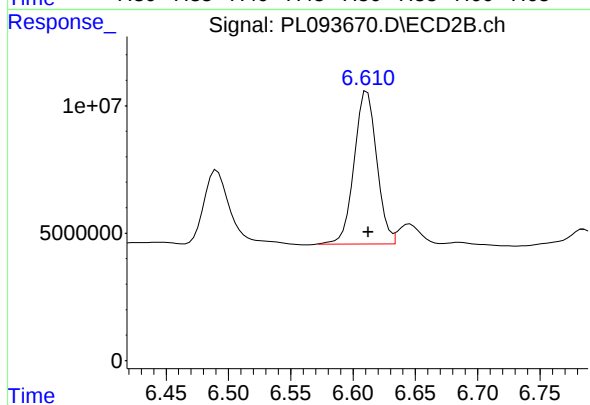
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 148040861
Conc: 46.93 ng/ml



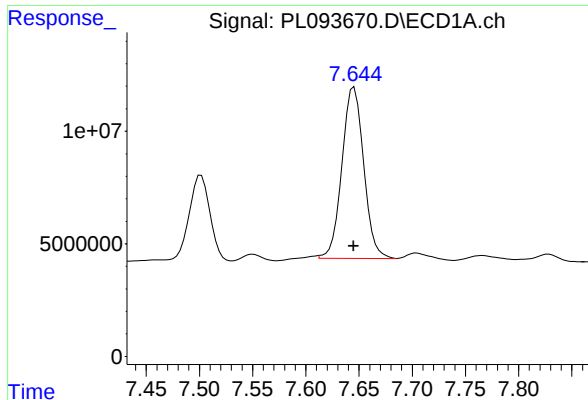
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 50842181
Conc: 50.86 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 75623944
Conc: 46.98 ng/ml



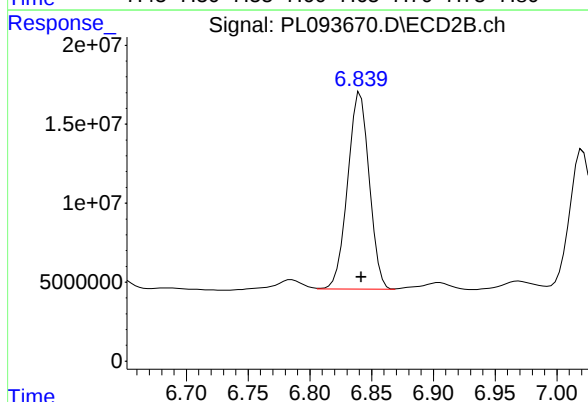
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 108086296
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

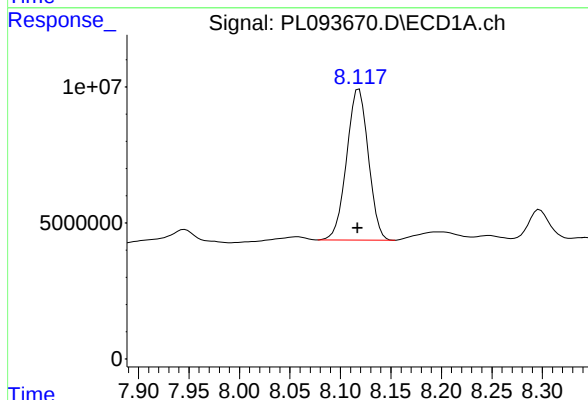
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



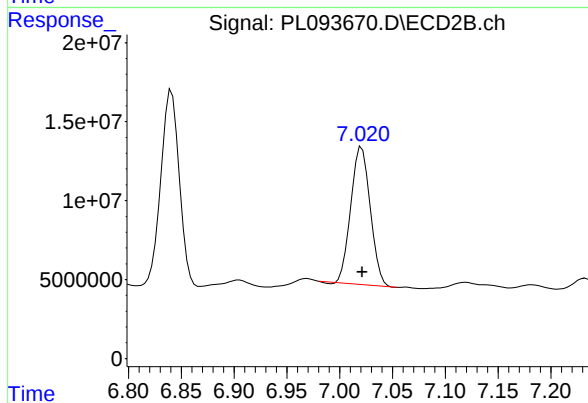
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 151664800
Conc: 41.66 ng/ml m



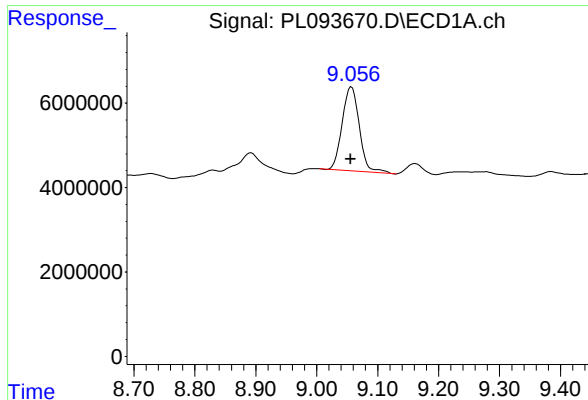
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.001 min
Response: 83314070
Conc: 44.58 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 111618826
Conc: 36.52 ng/ml



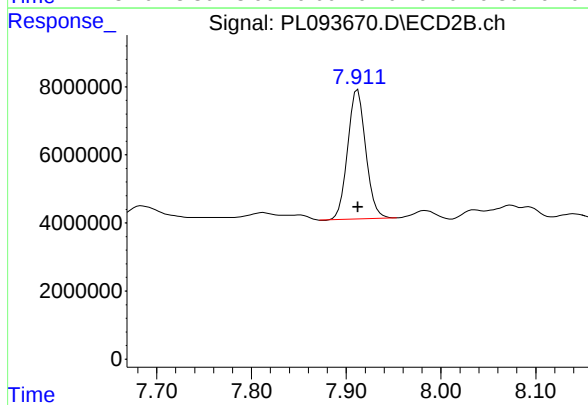
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.001 min
Response: 38824056
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/17/2025
Supervised By :Ankita Jodhani 01/17/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 50277070
Conc: 16.84 ng/ml