

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011625\
 Data File : PL093671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2025 14:34
 Operator : AR\AJ
 Sample : Q1094-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11938MSD

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 06:18:31 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	50237030	62081247	20.292m	21.325
2) SA Decachlor...	9.055	7.912	35450642	49931055	19.173	16.722
Target Compounds						
2) A alpha-BHC	3.994	3.278	179.1E6	228.8E6	51.864	52.626
3) MA gamma-BHC...	4.325	3.608	174.1E6	219.2E6	53.075m	51.954
4) MA Heptachlor	4.915	3.946	154.7E6	223.8E6	52.823	53.860
5) MB Aldrin	5.257	4.225	144.5E6	228.8E6	49.681	55.781
6) B beta-BHC	4.524	3.908	69830244	99519529	48.440m	55.366
7) B delta-BHC	4.772	4.136	156.0E6	213.2E6	50.930	50.424
8) B Heptachlo...	5.683	4.728	135.5E6	194.4E6	51.445	50.779
9) A Endosulfan I	6.069	5.098	113.0E6	139.7E6	47.901	39.980
10) B gamma-Chl...	5.940	4.978	158.6E6	273.7E6	63.098	71.024
11) B alpha-Chl...	6.019	5.041	172.2E6	244.8E6	68.817	64.302
12) B 4,4'-DDE	6.192	5.231	111.2E6	204.5E6	49.538	55.614
13) MA Dieldrin	6.344	5.362	178.8E6	300.5E6	71.655	77.965
14) MA Endrin	6.574	5.638	103.9E6	179.2E6	48.270	54.174
15) B Endosulfa...	6.794	5.933	107.1E6	175.9E6	47.124	54.146
16) A 4,4'-DDD	6.710	5.785	100.4E6	141.6E6	57.199	50.015
17) MA 4,4'-DDT	7.024	6.035	113.8E6	181.4E6	61.589	60.067
18) B Endrin al...	6.924	6.112	79234661	127.3E6	44.651	47.255
19) B Endosulfa...	7.159	6.335	98962664	148.3E6	49.015	47.015
20) A Methoxychlor	7.500	6.611	50035554	73558762	50.052	45.699
21) B Endrin ke...	7.643	6.840	102.3E6	151.5E6	45.607m	41.620
22) Mirex	8.117	7.021	80893391	113.2E6	43.288	37.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011625\
Data File : PL093671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2025 14:34
Operator : AR\AJ
Sample : Q1094-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

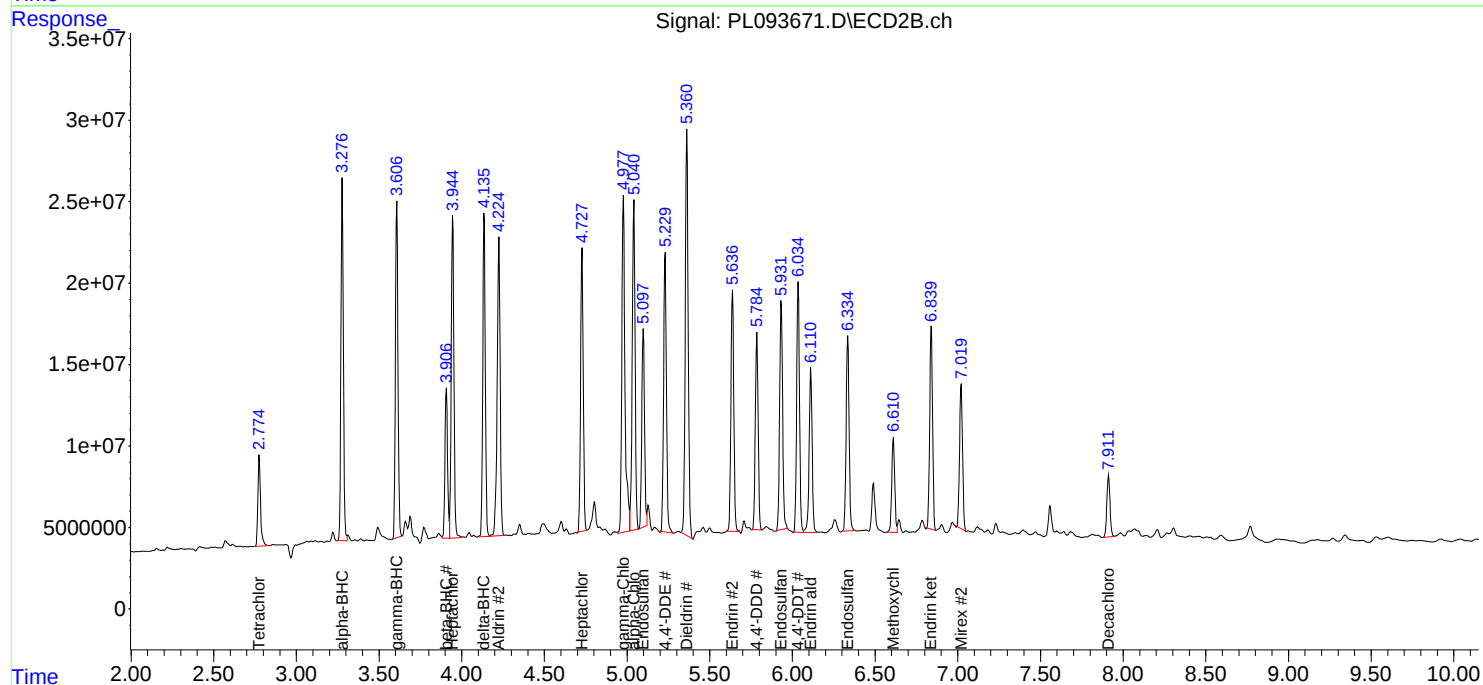
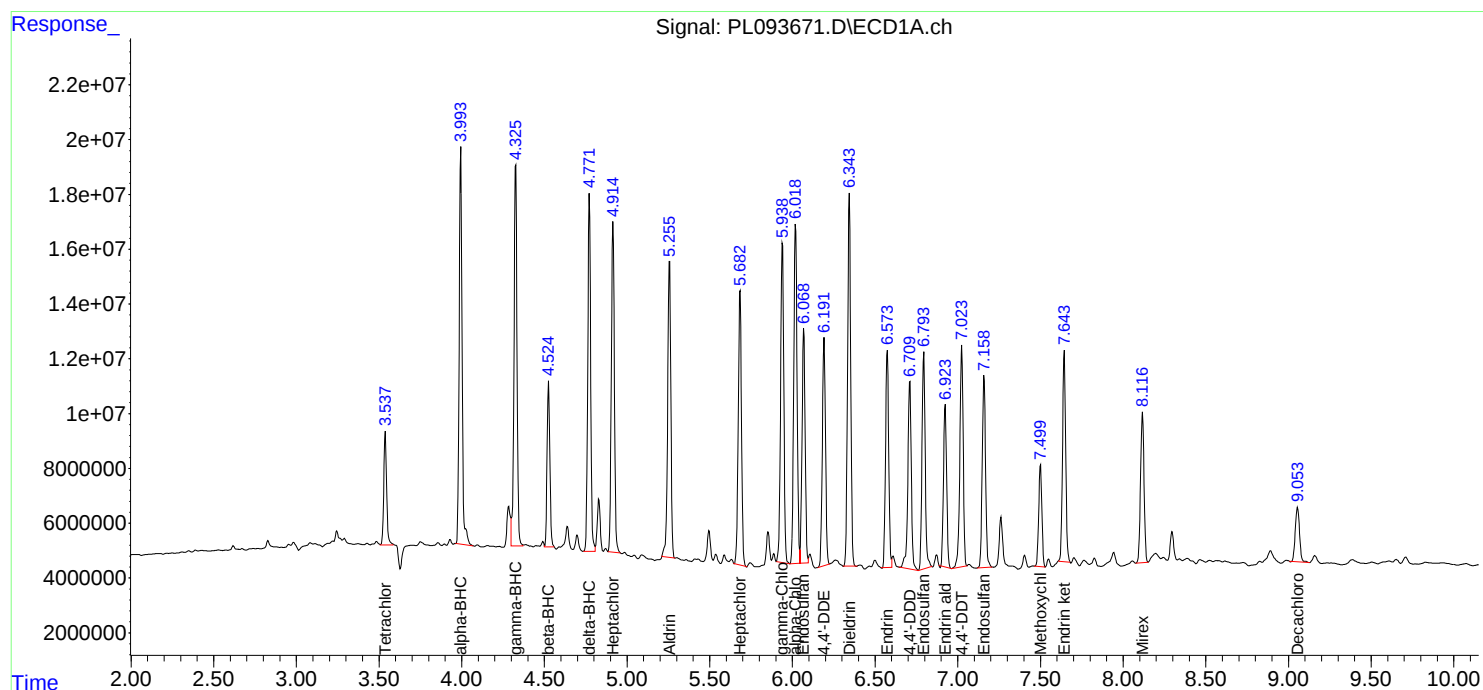
Instrument :
ECD_L
ClientSampleId :
72-11938MSD

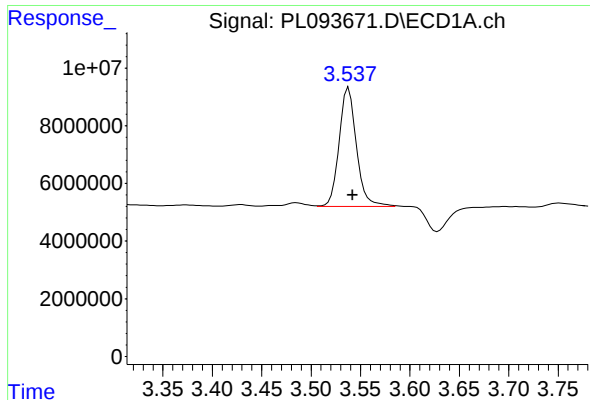
Manual Integrations
APPROVED

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 06:18:31 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





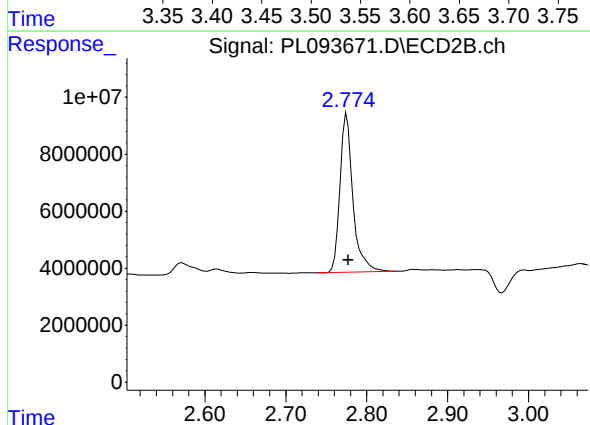
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 50237030
Conc: 20.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

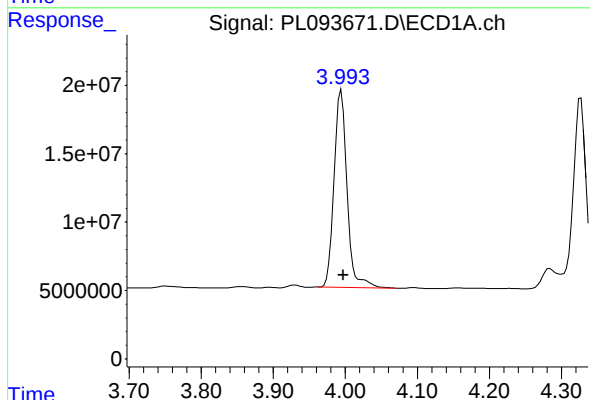
Manual Integrations
APPROVED

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



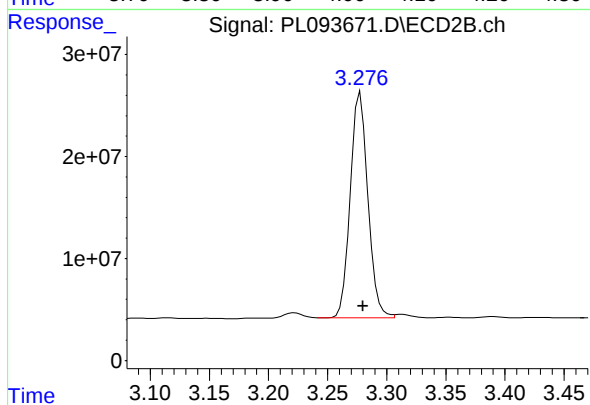
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 62081247
Conc: 21.32 ng/ml



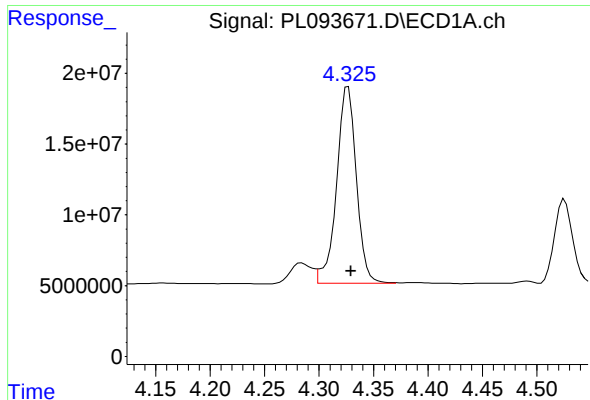
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 179052891
Conc: 51.86 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 228752328
Conc: 52.63 ng/ml



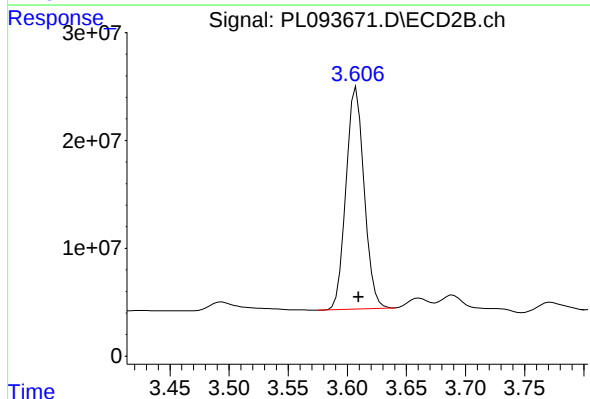
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 174054473
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

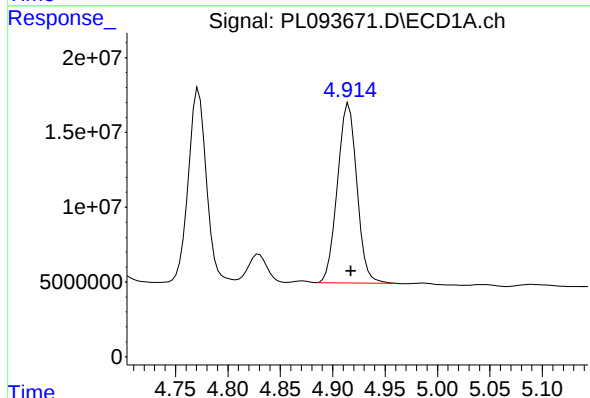
Manual Integrations
APPROVED

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



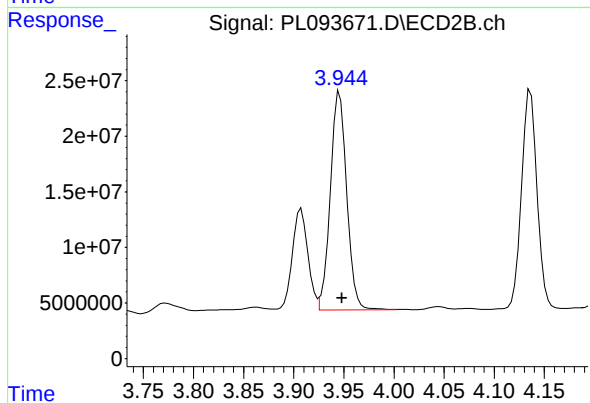
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 219214698
Conc: 51.95 ng/ml



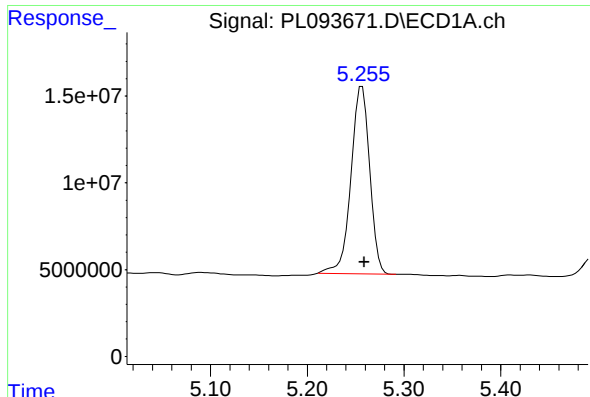
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 154682034
Conc: 52.82 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 223838834
Conc: 53.86 ng/ml



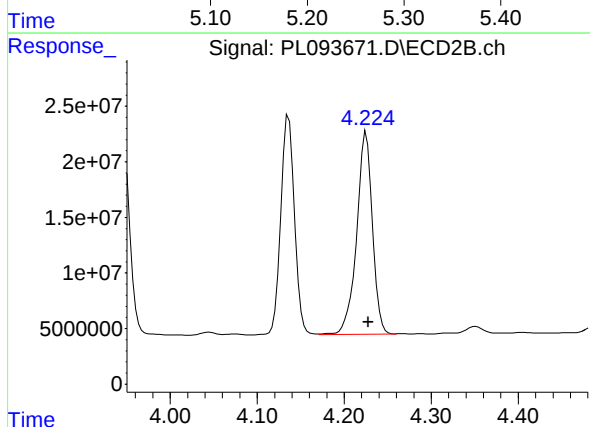
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 144514874
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

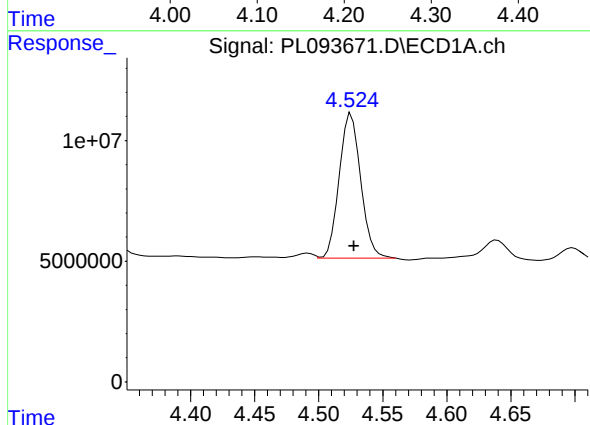
Manual Integrations
APPROVED

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



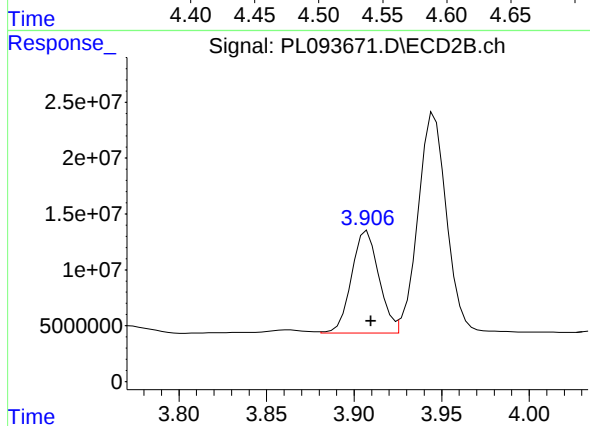
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 228829513
Conc: 55.78 ng/ml



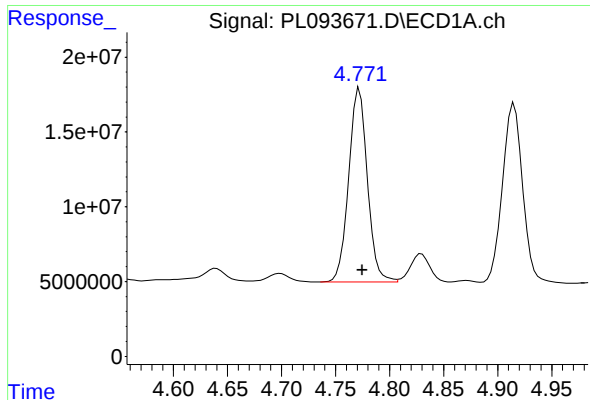
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 69830244
Conc: 48.44 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 99519529
Conc: 55.37 ng/ml



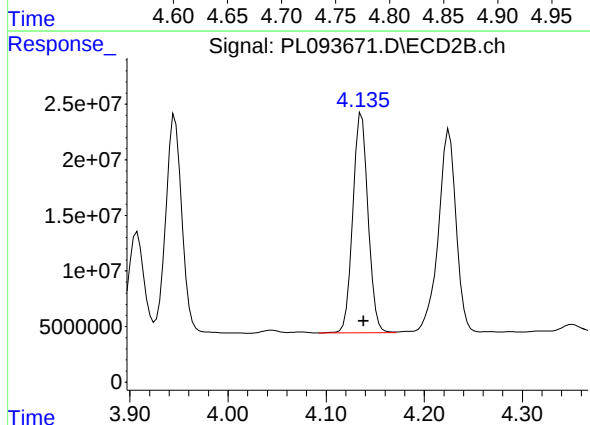
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 155977198
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

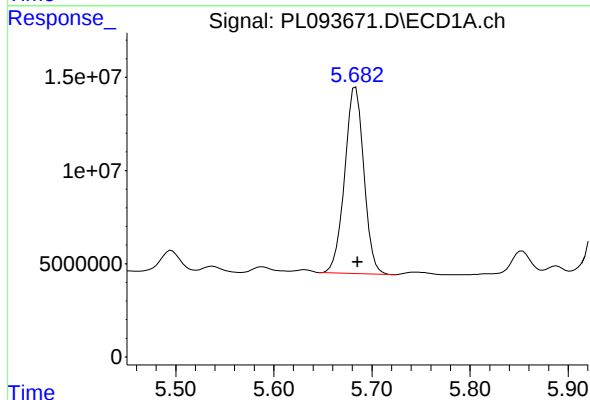
Manual Integrations
APPROVED

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



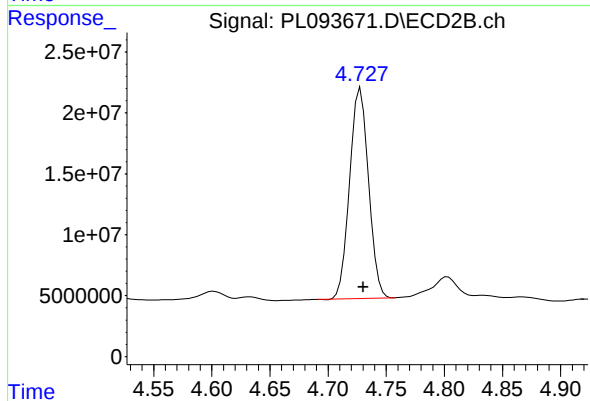
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 213234757
Conc: 50.42 ng/ml



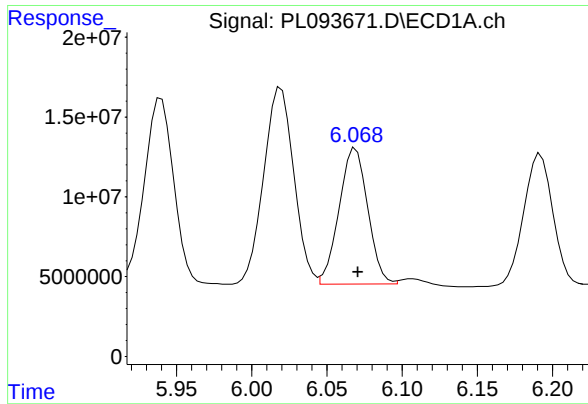
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 135523242
Conc: 51.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 194416055
Conc: 50.78 ng/ml



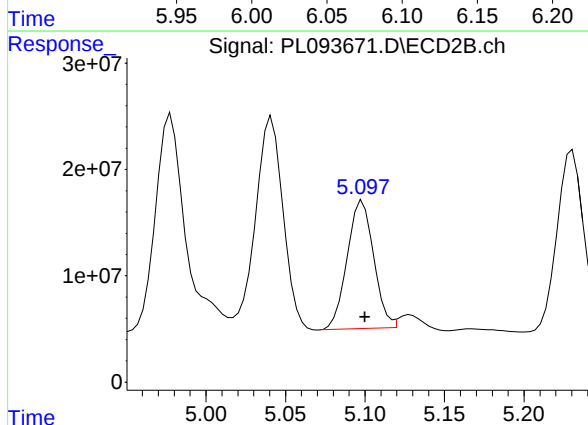
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 113010739
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

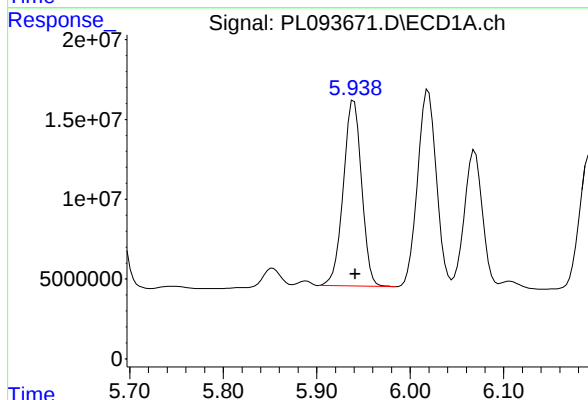
Manual Integrations
APPROVED

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



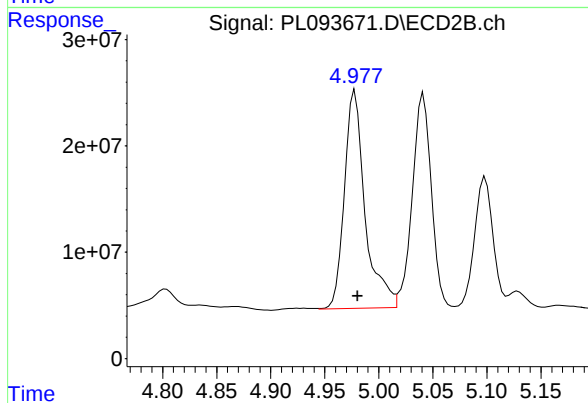
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 139686766
Conc: 39.98 ng/ml



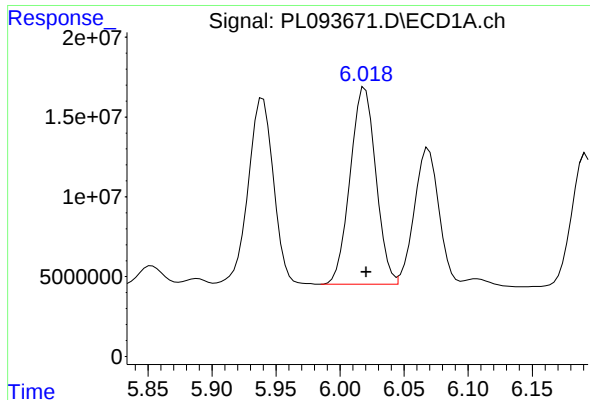
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 158570505
Conc: 63.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 273658555
Conc: 71.02 ng/ml



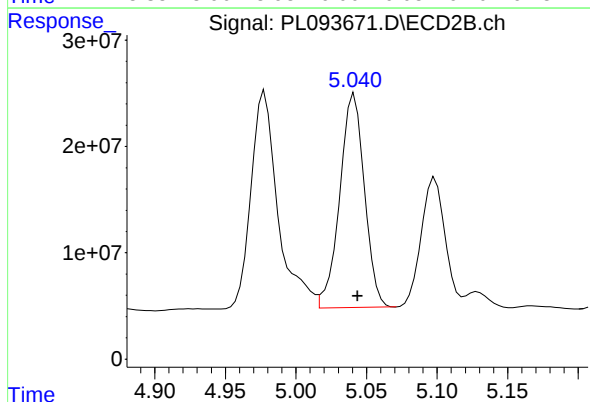
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 172241964
Conc: 68.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

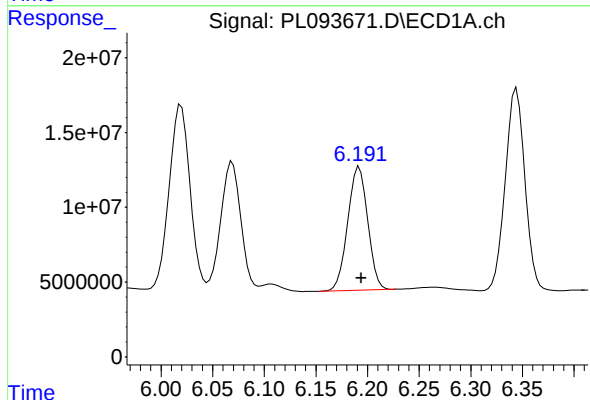
Manual Integrations
APPROVED

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



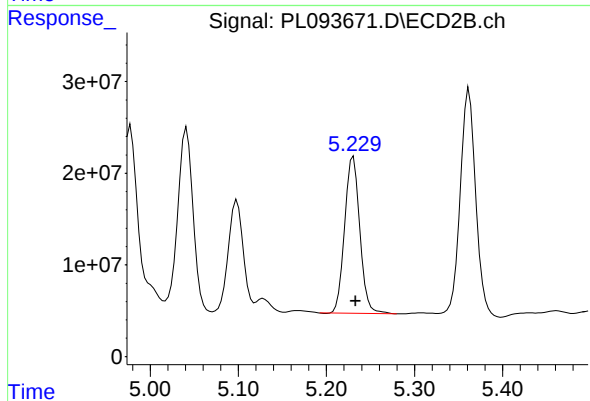
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 244825017
Conc: 64.30 ng/ml



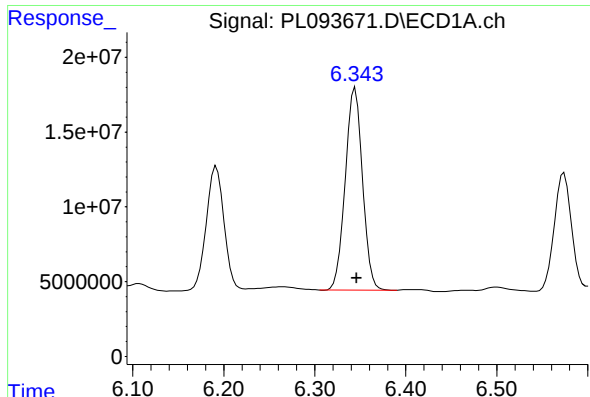
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 111155563
Conc: 49.54 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 204506313
Conc: 55.61 ng/ml



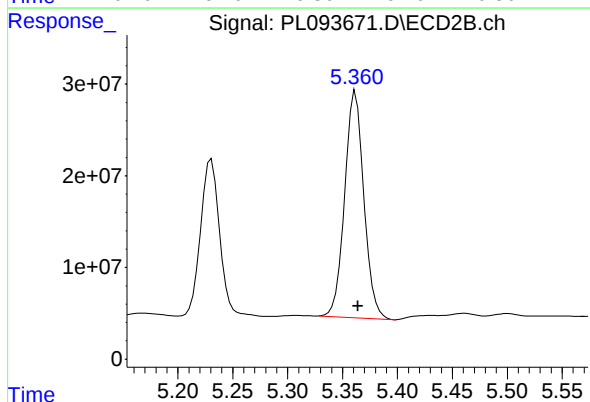
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 178784970
Conc: 71.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

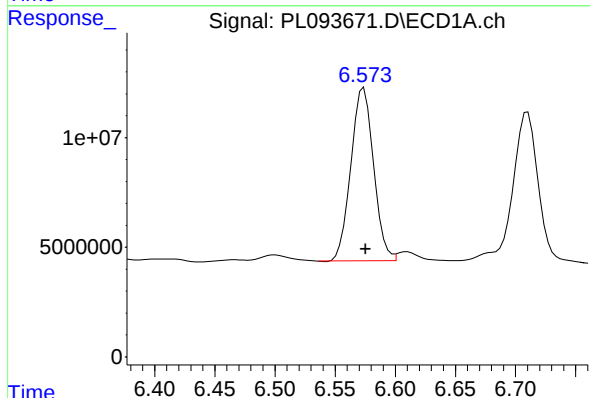
Manual Integrations
APPROVED

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



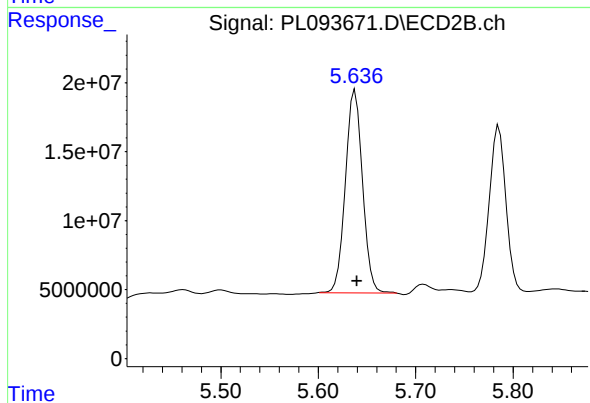
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 300469166
Conc: 77.97 ng/ml



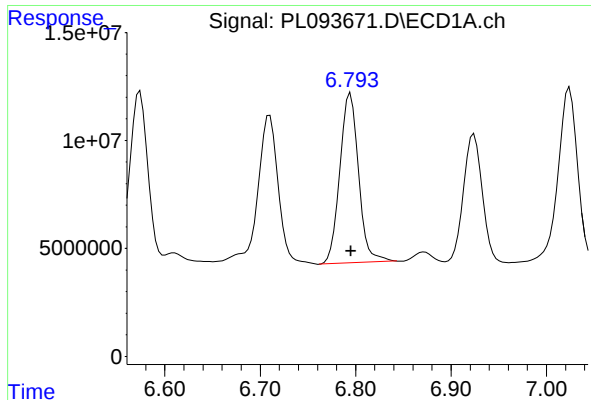
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 103898023
Conc: 48.27 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 179226791
Conc: 54.17 ng/ml



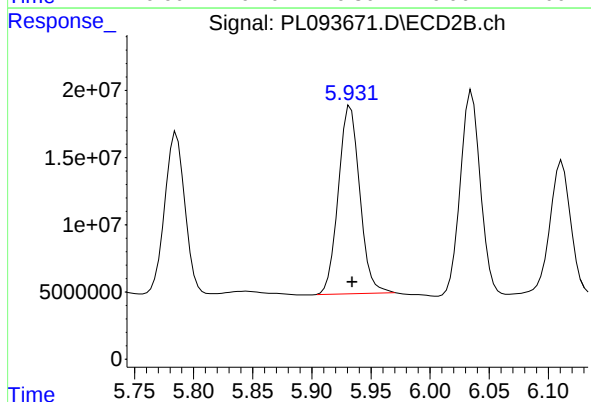
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 107124803
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

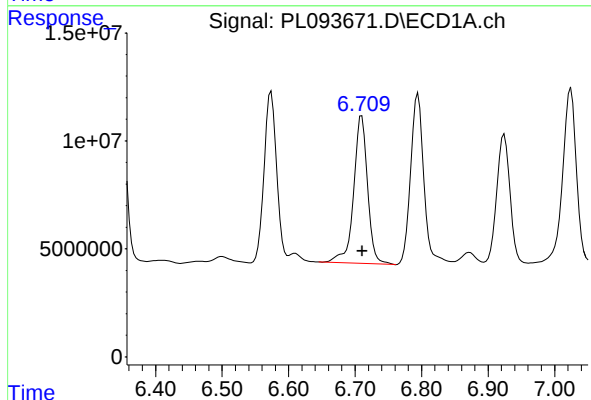
Manual Integrations
APPROVED

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



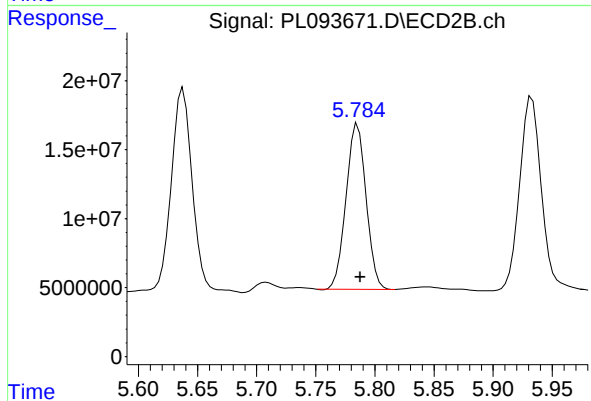
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 175916662
Conc: 54.15 ng/ml



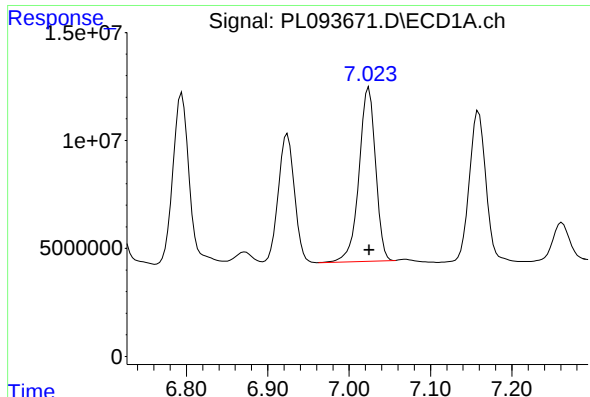
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 100438376
Conc: 57.20 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 141550998
Conc: 50.02 ng/ml



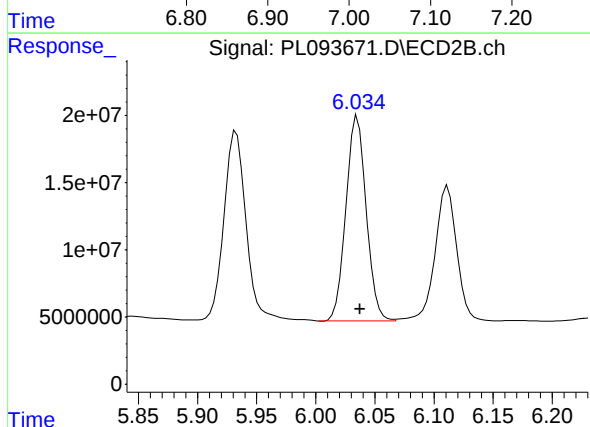
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 113849342
Conc: 61.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

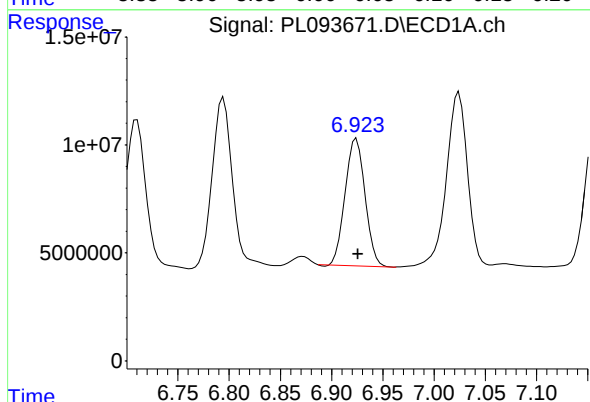
Manual Integrations
APPROVED

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



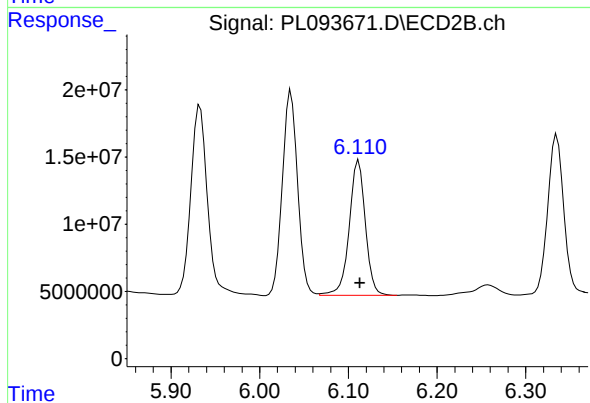
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 181421337
Conc: 60.07 ng/ml



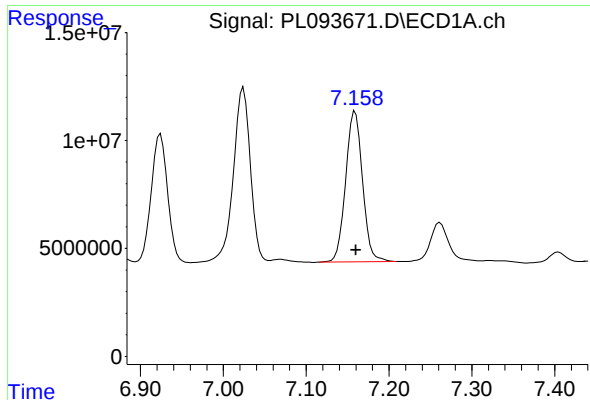
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 79234661
Conc: 44.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 127262699
Conc: 47.26 ng/ml



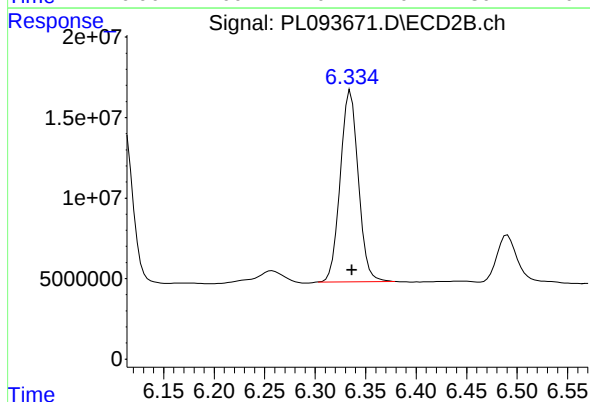
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 98962664
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

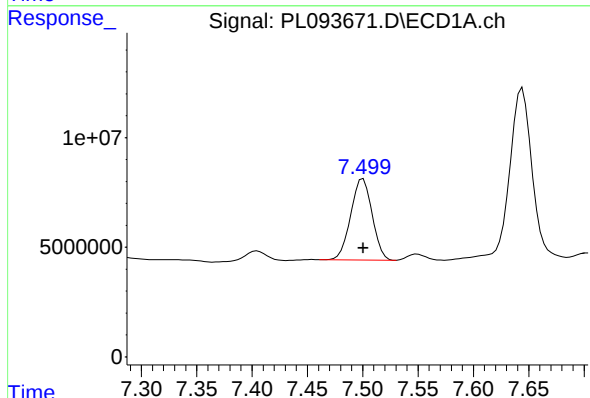
Manual Integrations
APPROVED

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



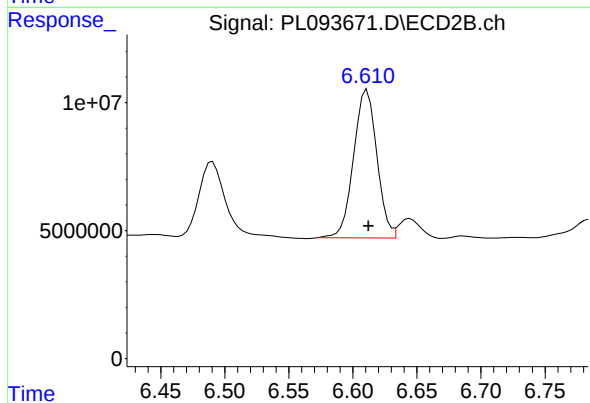
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 148306222
Conc: 47.02 ng/ml



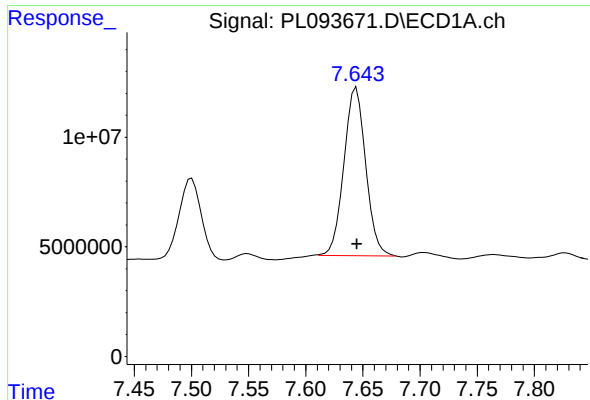
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 50035554
Conc: 50.05 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 73558762
Conc: 45.70 ng/ml



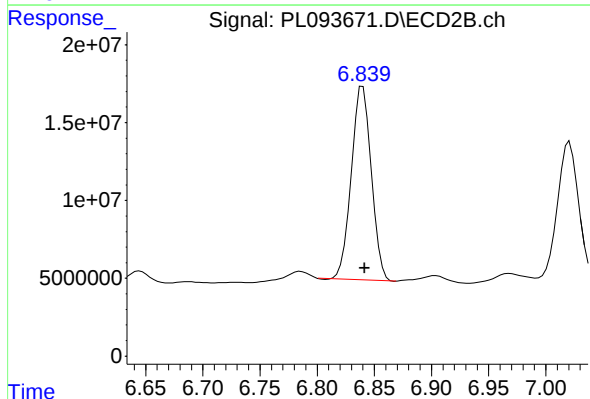
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 102335147
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

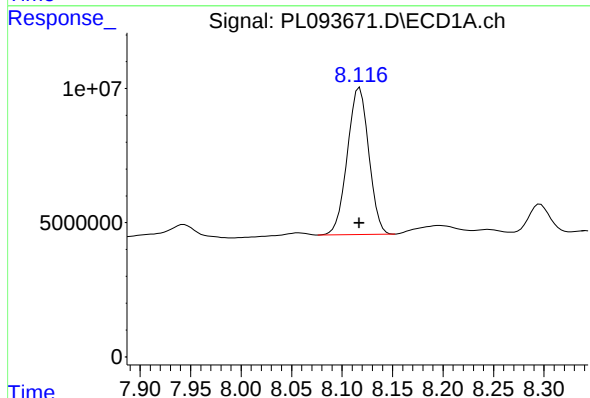
Manual Integrations
APPROVED

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



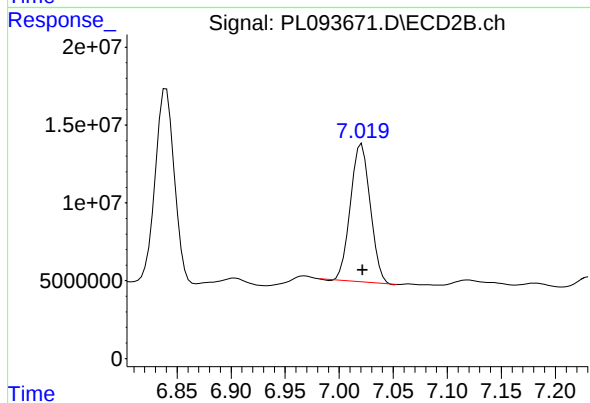
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 151513611
Conc: 41.62 ng/ml



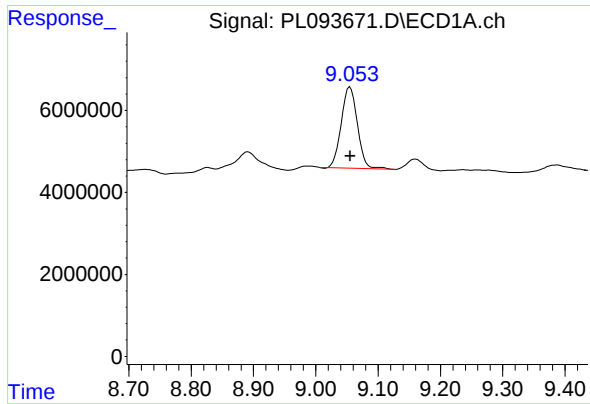
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 80893391
Conc: 43.29 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 113218680
Conc: 37.04 ng/ml



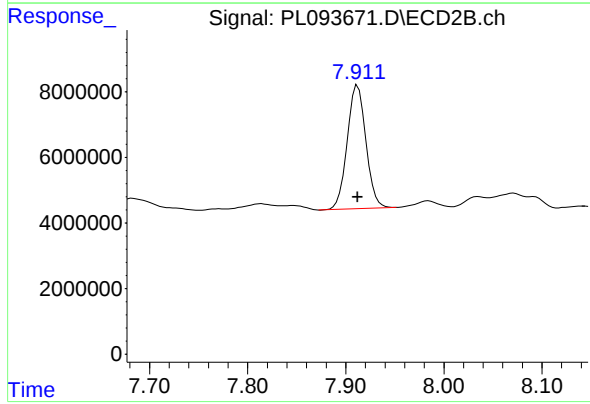
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 35450642
Conc: 19.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11938MSD

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: 49931055
Conc: 16.72 ng/ml