

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
 Data File : PL093599.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jan 2025 12:50
 Operator : AR\AJ
 Sample : PB165976BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165976BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/09/2025
 Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 00:14:13 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...	3.540	2.775	50858248	57335922	20.543	19.695
28) SA Decachlor...	9.059	7.913	42810102	68277915	23.153	22.867
Target Compounds						
2) A alpha-BHC	3.996	3.277	171.8E6	222.9E6	49.775	51.285
3) MA gamma-BHC...	4.328	3.607	162.0E6	213.3E6	49.395	50.558
4) MA Heptachlor	4.917	3.945	151.4E6	220.8E6	51.704	53.126
5) MB Aldrin	5.258	4.225	142.2E6	206.5E6	48.883	50.326
6) B beta-BHC	4.526	3.907	73118918	94047849	50.721	52.322
7) B delta-BHC	4.774	4.136	154.0E6	213.5E6	50.291	50.479
8) B Heptachlo...	5.685	4.728	132.0E6	197.2E6	50.097	51.497
9) A Endosulfan I	6.071	5.097	120.7E6	187.7E6	51.155	53.718
10) B gamma-Chl...	5.941	4.976	127.5E6	206.3E6	50.744	53.537m
11) B alpha-Chl...	6.021	5.041	129.2E6	203.3E6	51.617	53.396
12) B 4,4'-DDE	6.194	5.230	117.6E6	196.8E6	52.431	53.517
13) MA Dieldrin	6.346	5.362	127.7E6	206.1E6	51.184	53.467
14) MA Endrin	6.574	5.637	106.3E6	178.4E6	49.408m	53.937
15) B Endosulfa...	6.797	5.931	112.6E6	184.1E6	49.552	56.660m
16) A 4,4'-DDD	6.712	5.785	92629766	159.8E6	52.752	56.479
17) MA 4,4'-DDT	7.025	6.035	101.5E6	170.0E6	54.917	56.271
18) B Endrin al...	6.926	6.111	90080347	142.5E6	50.763	52.900
19) B Endosulfa...	7.161	6.335	105.6E6	175.3E6	52.296	55.584
20) A Methoxychlor	7.502	6.611	53917339	86459462	53.935	53.714
21) B Endrin ke...	7.646	6.840	118.3E6	202.5E6	52.726	55.629
22) Mirex	8.119	7.020	90419240	151.4E6	48.386	49.526

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010825\
Data File : PL093599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jan 2025 12:50
Operator : AR\AJ
Sample : PB165976BS
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ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165976BS

Manual Integrations

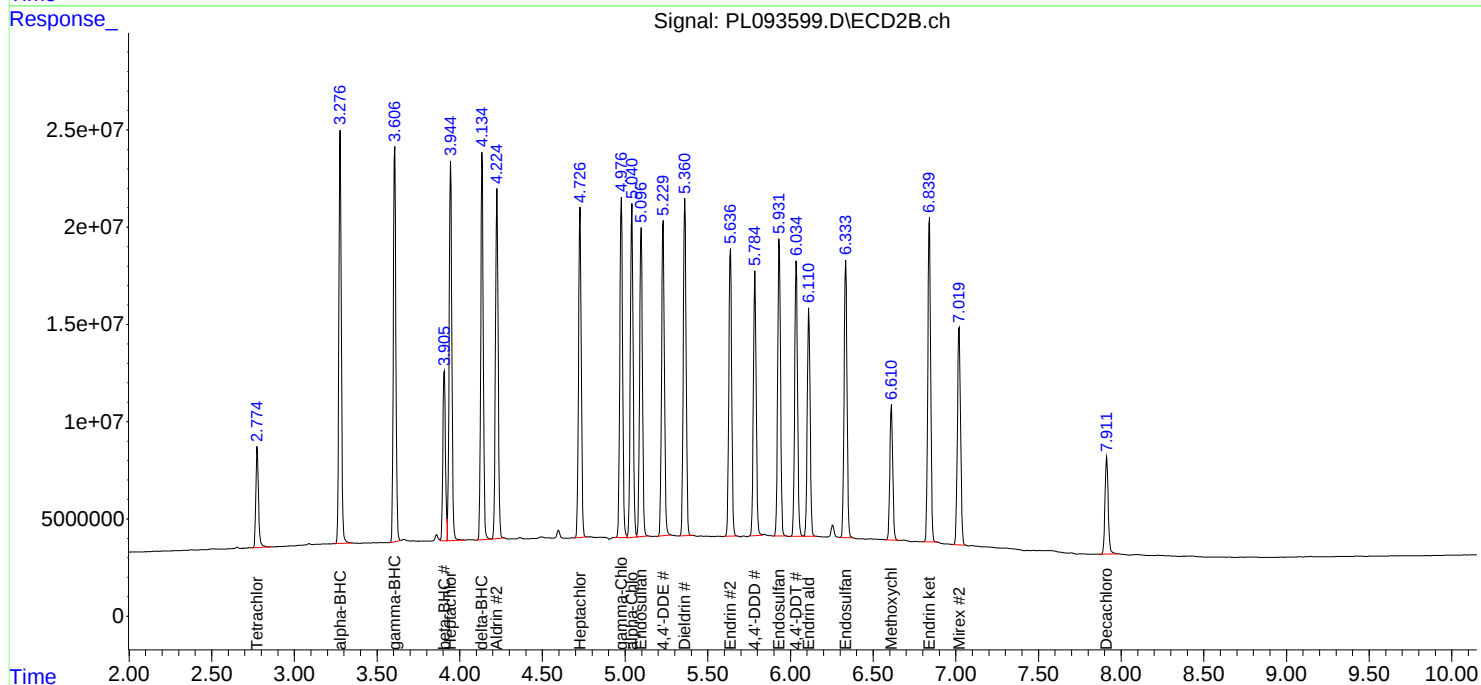
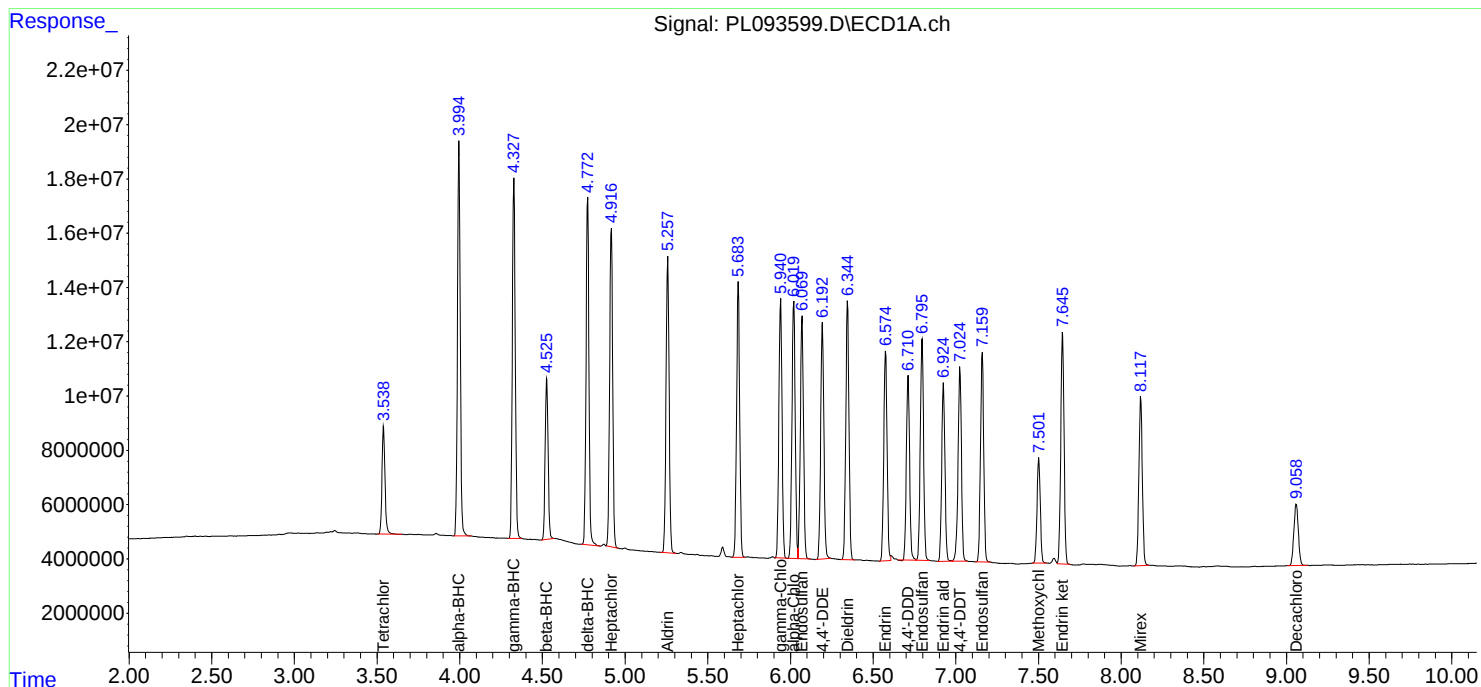
APPROVED

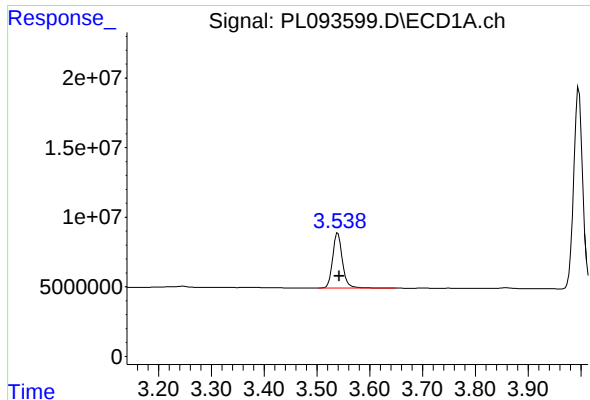
Reviewed By :Abdul Mirza 01/09/2025

Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 09 00:14:13 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
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





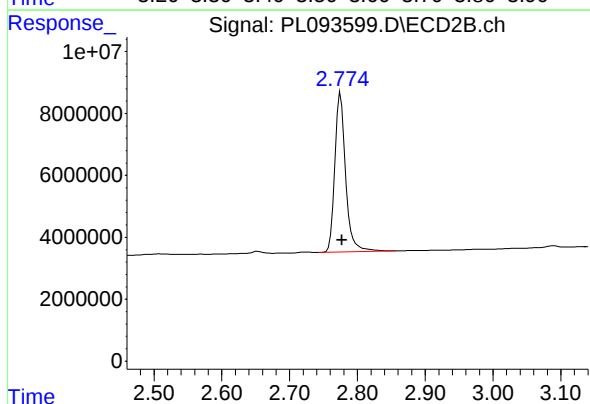
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 50858248
Conc: 20.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

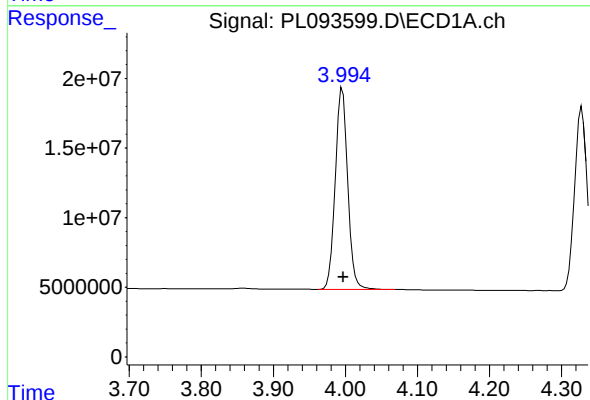
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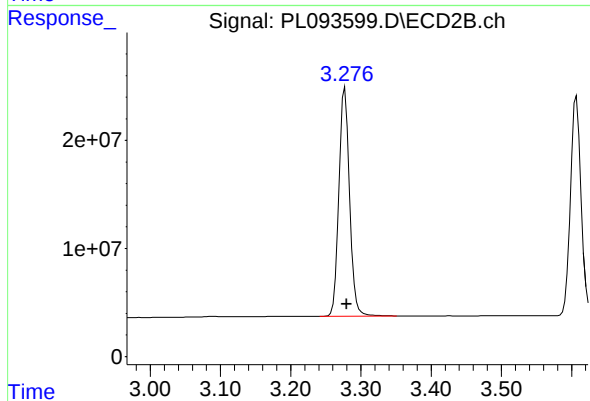
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 57335922
Conc: 19.69 ng/ml



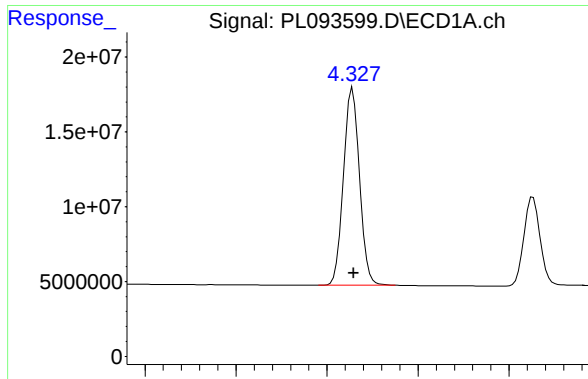
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 171843236
Conc: 49.78 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 222923639
Conc: 51.28 ng/ml



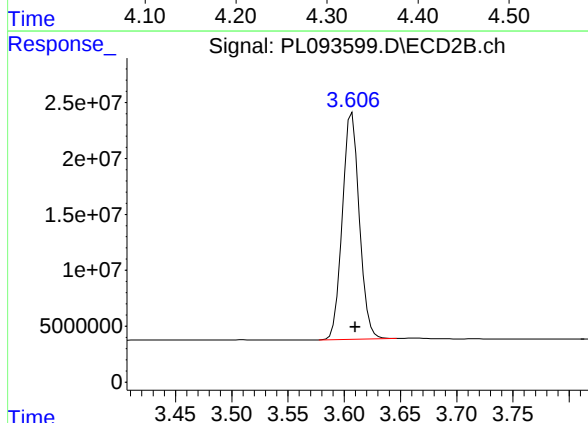
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 161988124
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

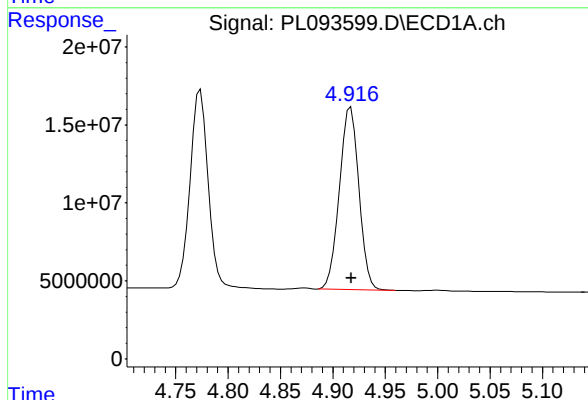
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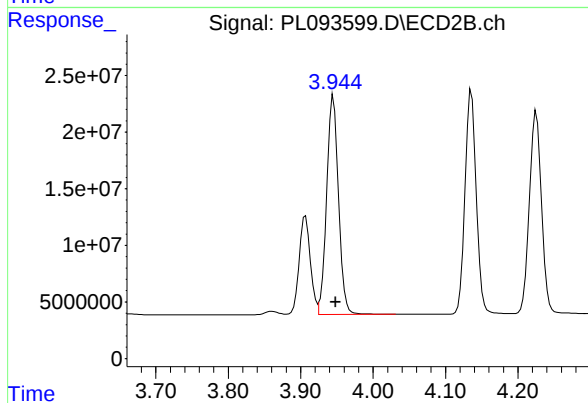
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 213322537
Conc: 50.56 ng/ml



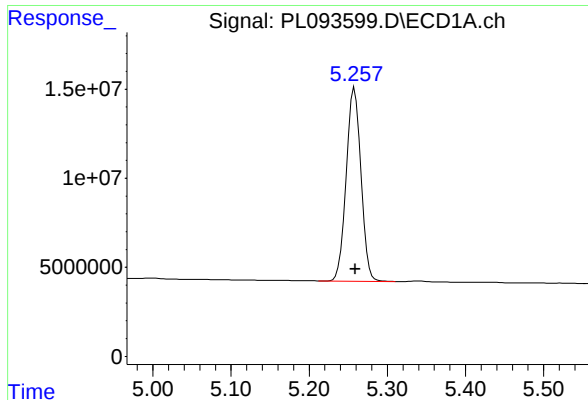
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 151405724
Conc: 51.70 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 220785186
Conc: 53.13 ng/ml



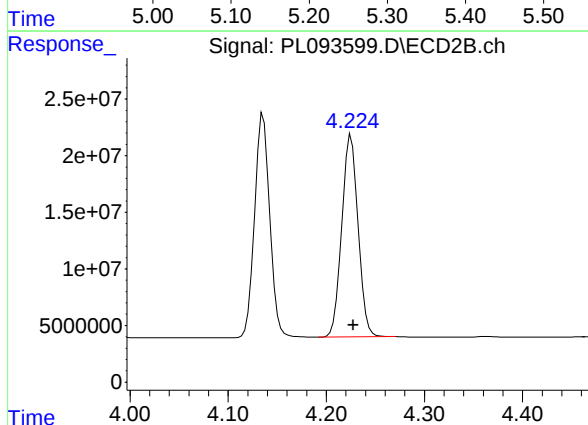
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 142194691
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

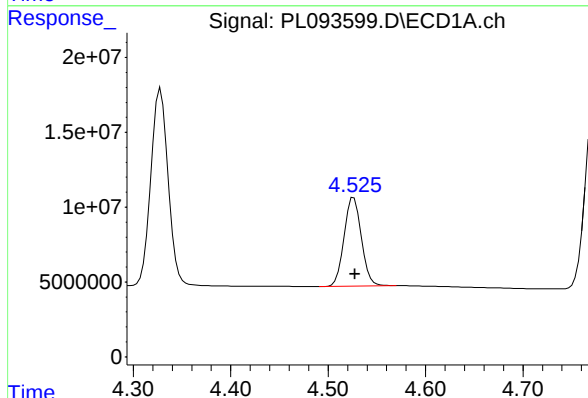
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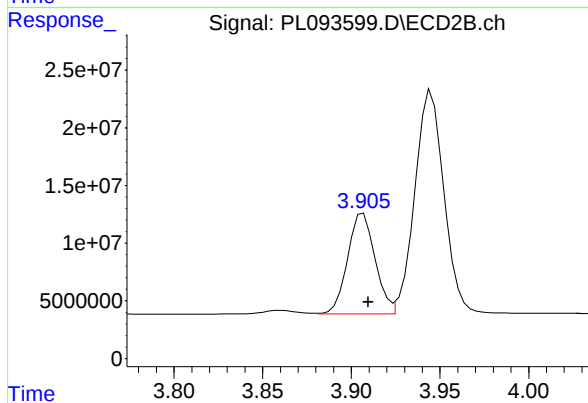
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 206450434
Conc: 50.33 ng/ml



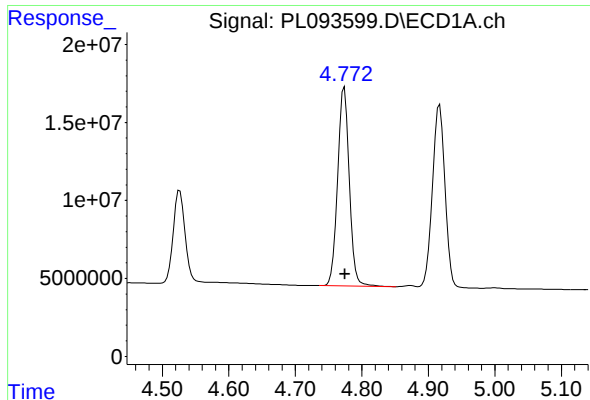
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 73118918
Conc: 50.72 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 94047849
Conc: 52.32 ng/ml



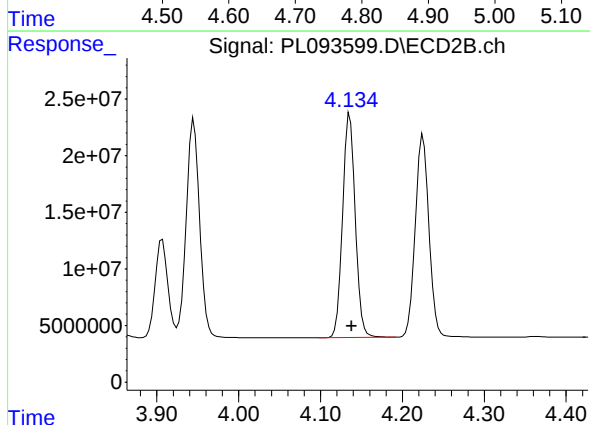
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.000 min
Response: 154021347
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

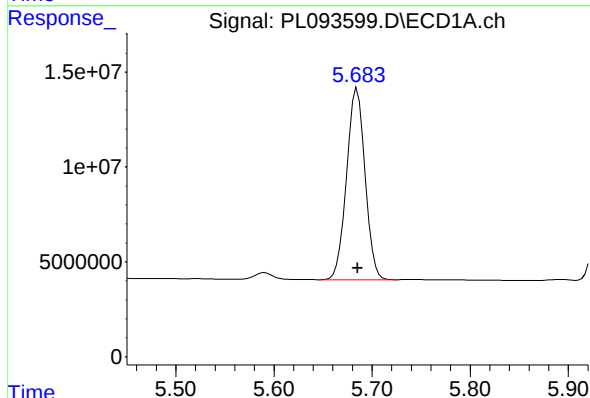
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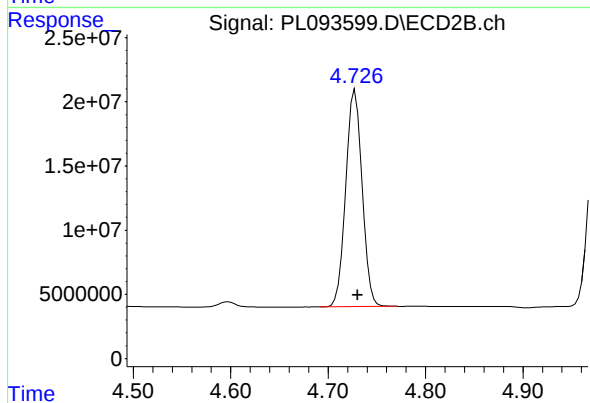
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 213466961
Conc: 50.48 ng/ml



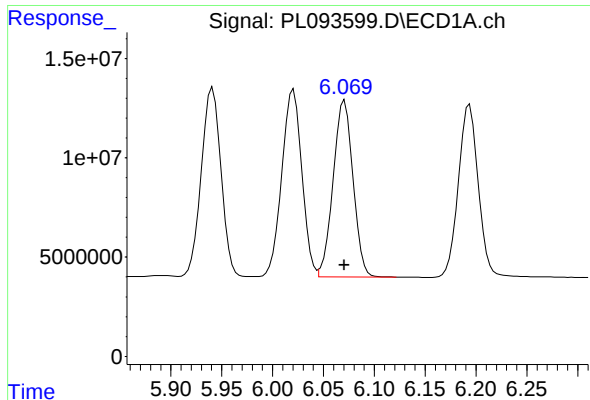
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 131973803
Conc: 50.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 197167315
Conc: 51.50 ng/ml



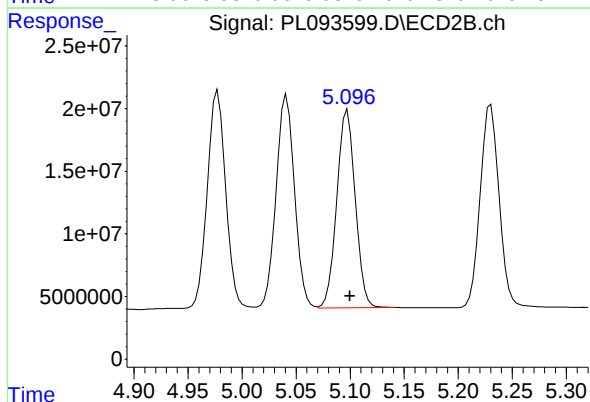
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 120687582
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

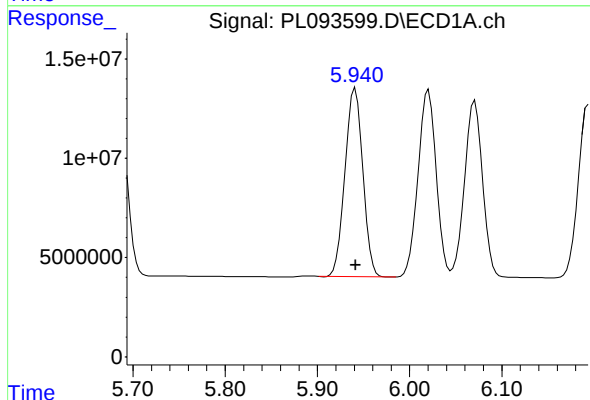
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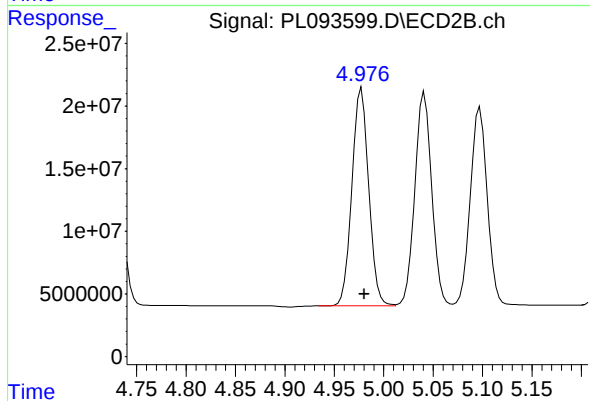
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: -0.003 min
Response: 187689958
Conc: 53.72 ng/ml



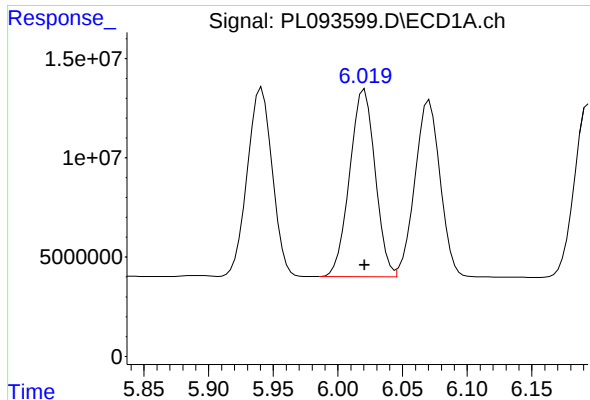
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 127525465
Conc: 50.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 206279115
Conc: 53.54 ng/ml m



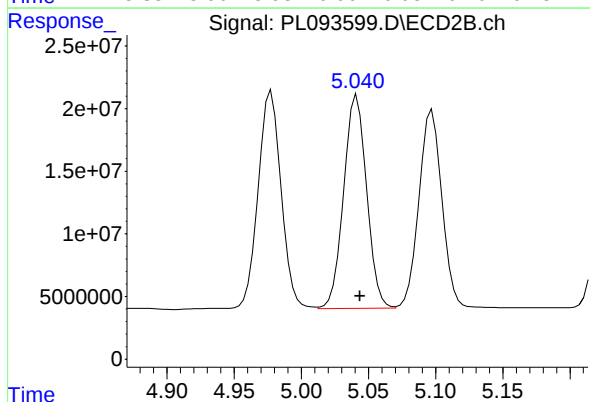
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 129193589
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

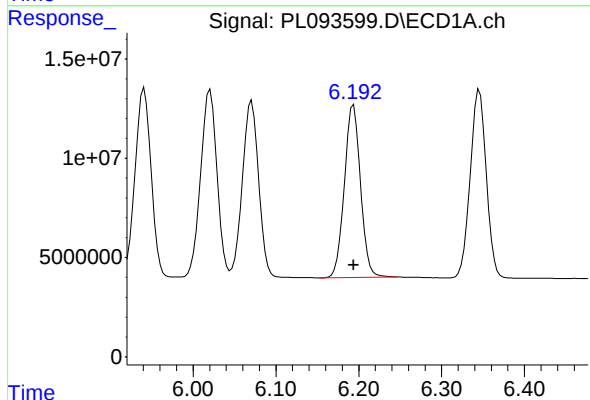
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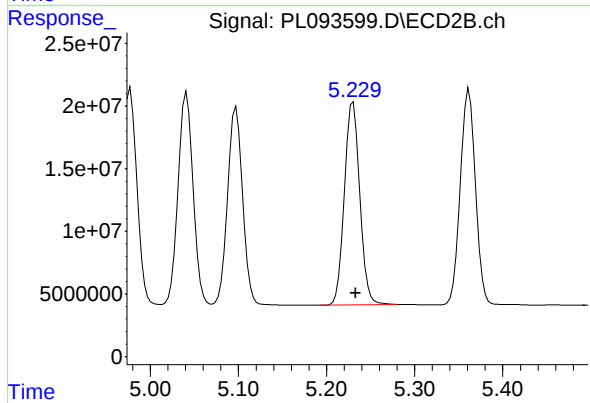
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 203301679
Conc: 53.40 ng/ml



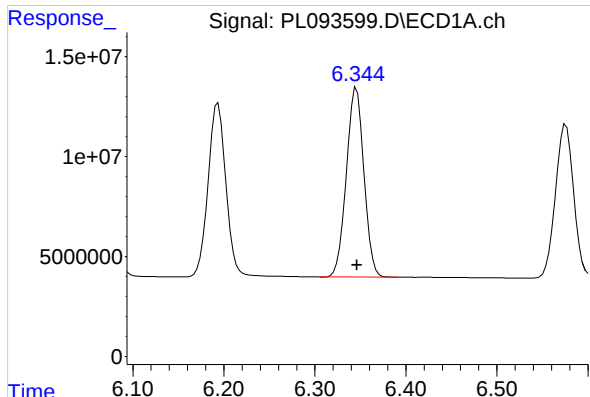
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 117646715
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 196796678
Conc: 53.52 ng/ml



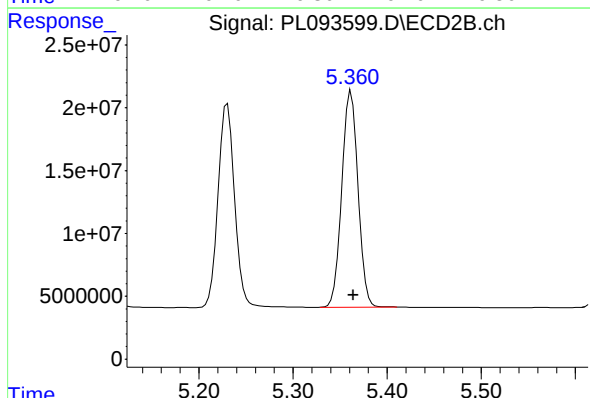
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 127709626
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

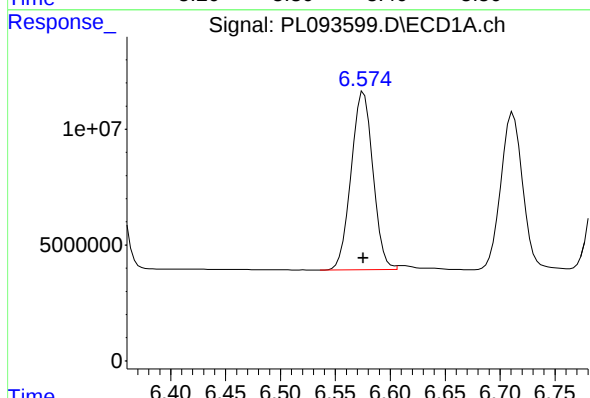
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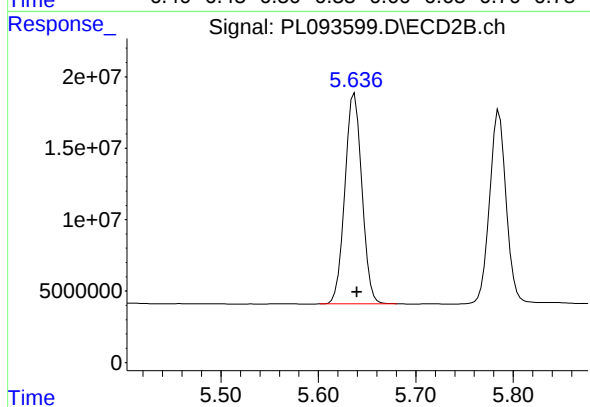
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 206053757
Conc: 53.47 ng/ml



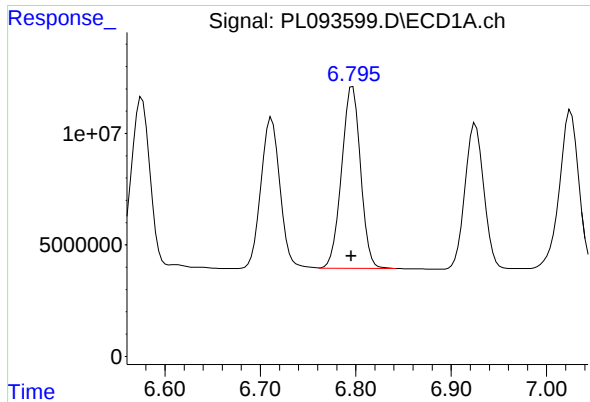
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 106347677
Conc: 49.41 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 178441105
Conc: 53.94 ng/ml



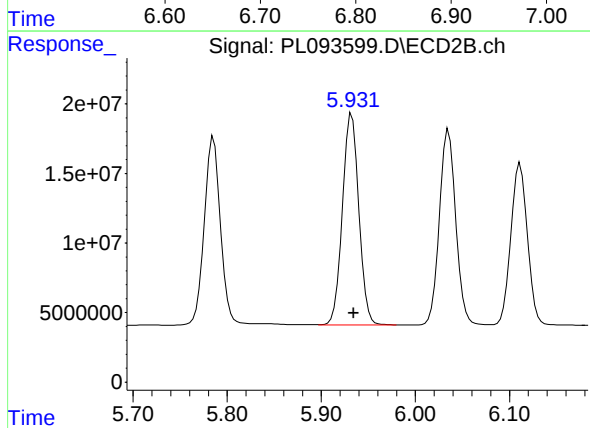
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 112645194
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

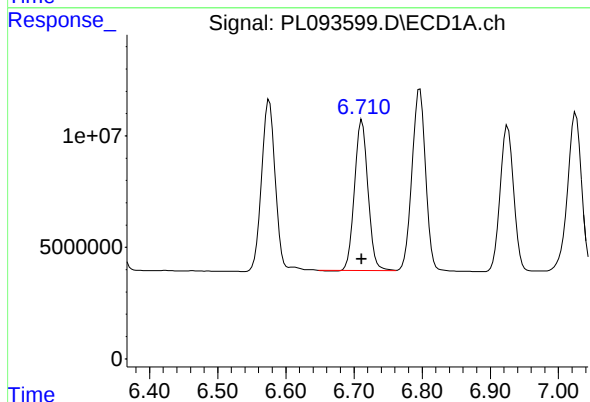
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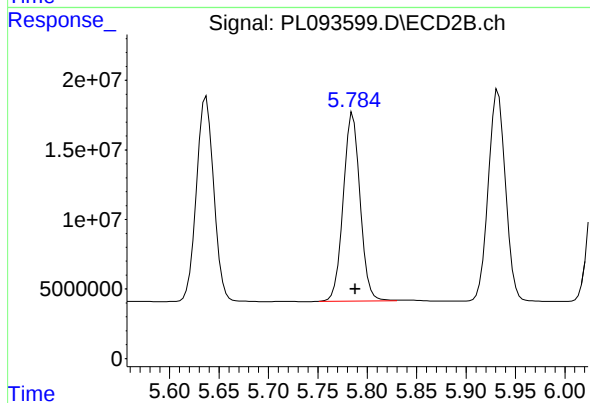
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 184086696
Conc: 56.66 ng/ml



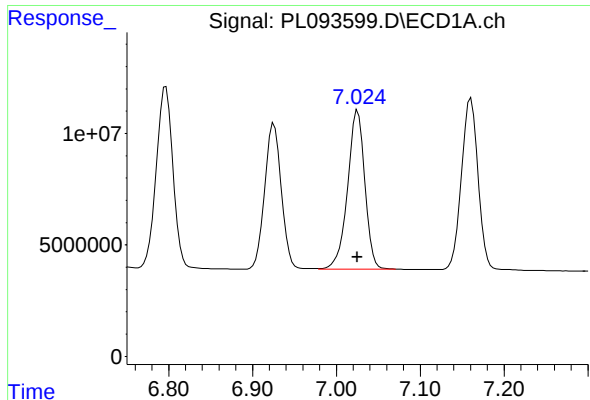
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 92629766
Conc: 52.75 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 159843542
Conc: 56.48 ng/ml



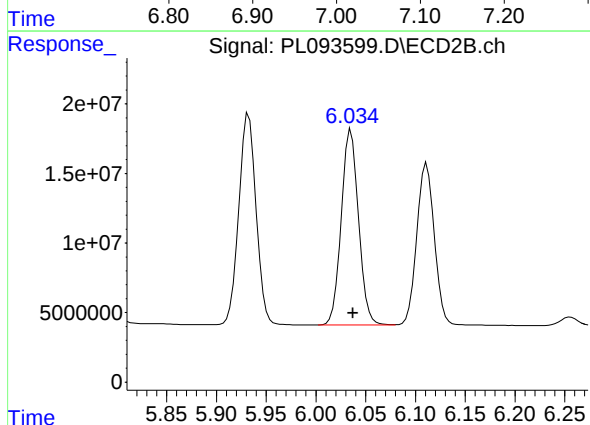
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 101515438
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

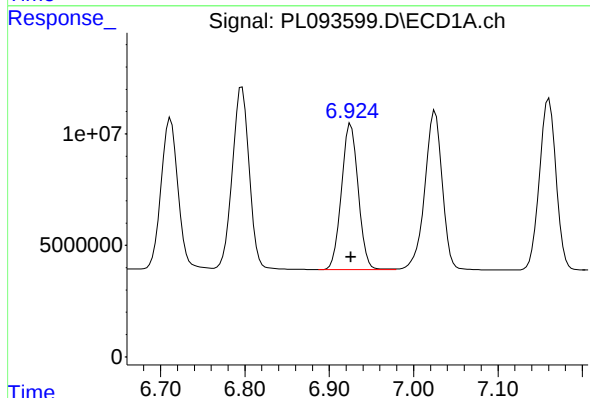
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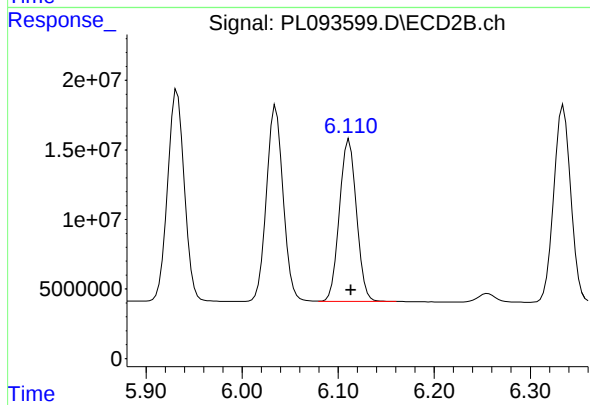
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 169954053
Conc: 56.27 ng/ml



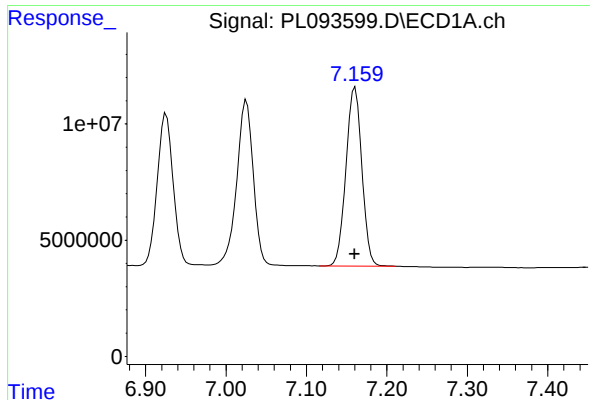
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 90080347
Conc: 50.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 142464091
Conc: 52.90 ng/ml



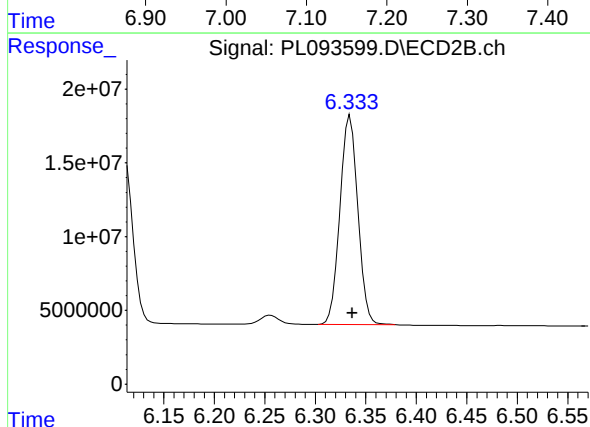
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 105587100
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

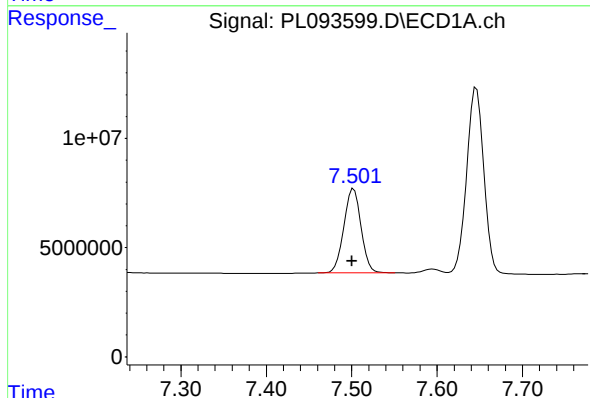
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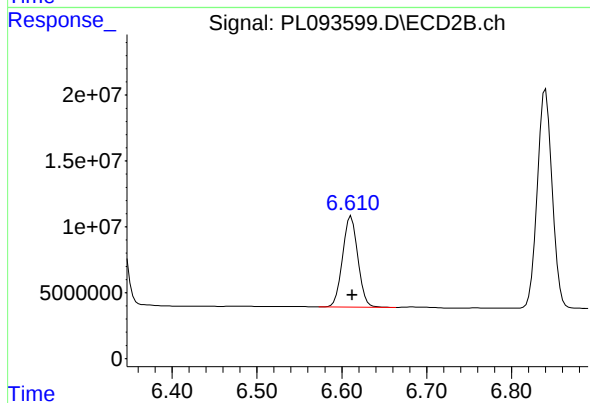
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 175334449
Conc: 55.58 ng/ml



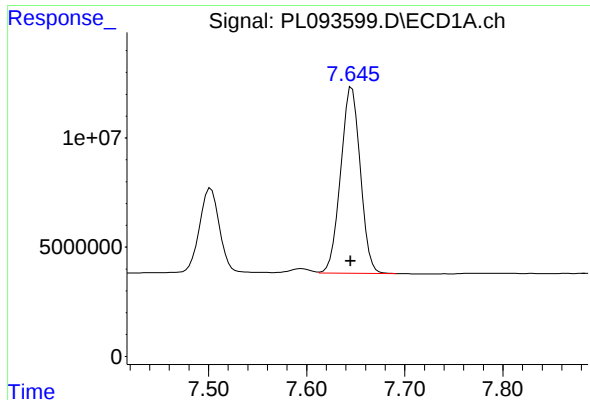
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 53917339
Conc: 53.93 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 86459462
Conc: 53.71 ng/ml



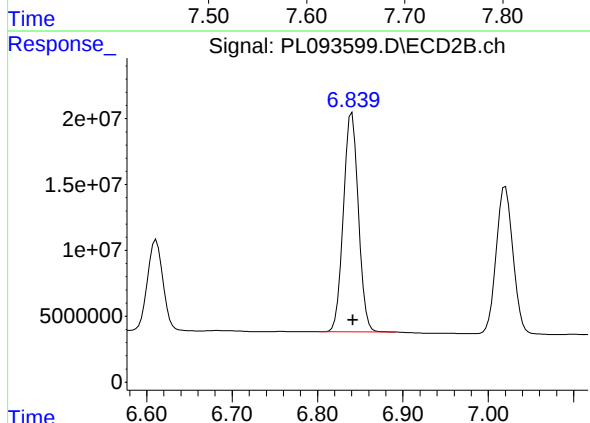
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.001 min
Response: 118310188
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

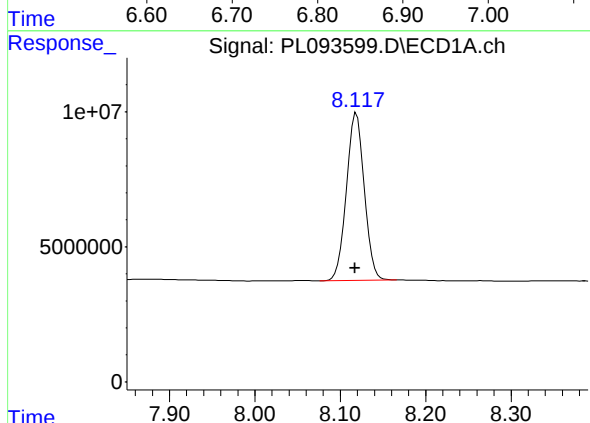
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/09/2025
Supervised By :Ankita Jodhani 01/09/2025



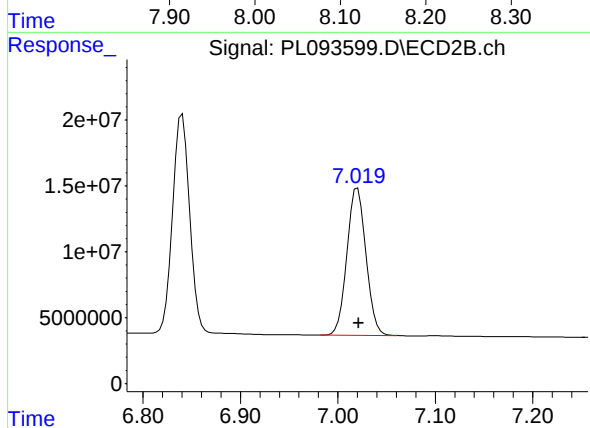
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 202511716
Conc: 55.63 ng/ml



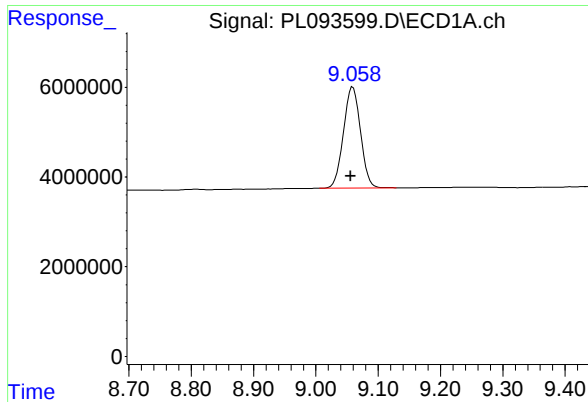
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 90419240
Conc: 48.39 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 151376378
Conc: 49.53 ng/ml



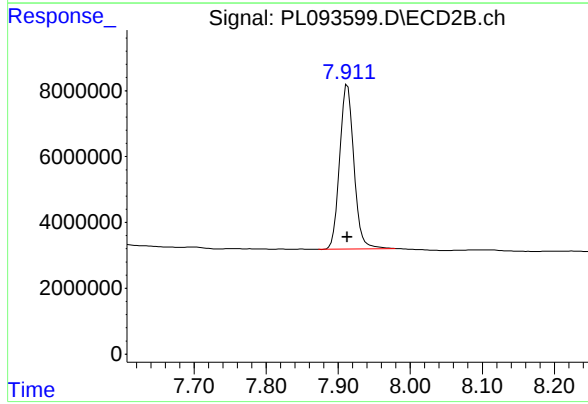
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 42810102
Conc: 23.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165976BS

Manual Integrations
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Supervised By :Ankita Jodhani 01/09/2025



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 68277915
Conc: 22.87 ng/ml