

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
 Data File : PL094558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2025 13:12
 Operator : AR\AJ
 Sample : PB167044BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167044BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/11/2025
 Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 01:08:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.544	2.771	55721014	67053562	21.945	21.012
28) SA Decachlor...	9.063	7.909	46509229	81312815	21.863	21.144
Target Compounds						
2) A alpha-BHC	4.001	3.273	181.9E6	239.3E6	48.093	48.695
3) MA gamma-BHC...	4.333	3.603	174.4E6	227.2E6	47.206	48.235
4) MA Heptachlor	4.922	3.942	168.6E6	230.5E6	49.726	48.824
5) MB Aldrin	5.263	4.221	164.8E6	220.5E6	48.016	47.713
6) B beta-BHC	4.532	3.904	78809478	100.4E6	49.351	50.465
7) B delta-BHC	4.778	4.133	182.3E6	227.1E6	51.530m	47.945
8) B Heptachlo...	5.690	4.724	151.0E6	211.9E6	50.099	49.796
9) A Endosulfan I	6.076	5.094	139.0E6	204.8E6	50.585	51.371
10) B gamma-Chl...	5.947	4.975	151.2E6	223.7E6	51.492	51.556
11) B alpha-Chl...	6.025	5.038	147.7E6	219.0E6	50.985	50.728
12) B 4,4'-DDE	6.199	5.227	139.3E6	218.2E6	53.336	51.948
13) MA Dieldrin	6.351	5.359	143.4E6	225.2E6	50.338	51.390
14) MA Endrin	6.579	5.634	112.0E6	189.2E6	43.880m	55.569 #
15) B Endosulfa...	6.801	5.928	123.9E6	204.8E6	49.222	54.773m
16) A 4,4'-DDD	6.717	5.782	109.4E6	187.0E6	59.127	58.708
17) MA 4,4'-DDT	7.030	6.033	104.6E6	177.9E6	49.824	50.025
18) B Endrin al...	6.931	6.109	96720384	158.8E6	49.682	50.233
19) B Endosulfa...	7.166	6.332	113.1E6	194.5E6	49.944	52.668
20) A Methoxychlor	7.507	6.608	52945862	92399763	47.654	47.360
21) B Endrin ke...	7.650	6.837	127.0E6	238.2E6	50.640	55.807
22) Mirex	8.123	7.017	92568735	174.1E6	44.864	49.941

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031025\
Data File : PL094558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2025 13:12
Operator : AR\AJ
Sample : PB167044BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167044BS

Manual Integrations

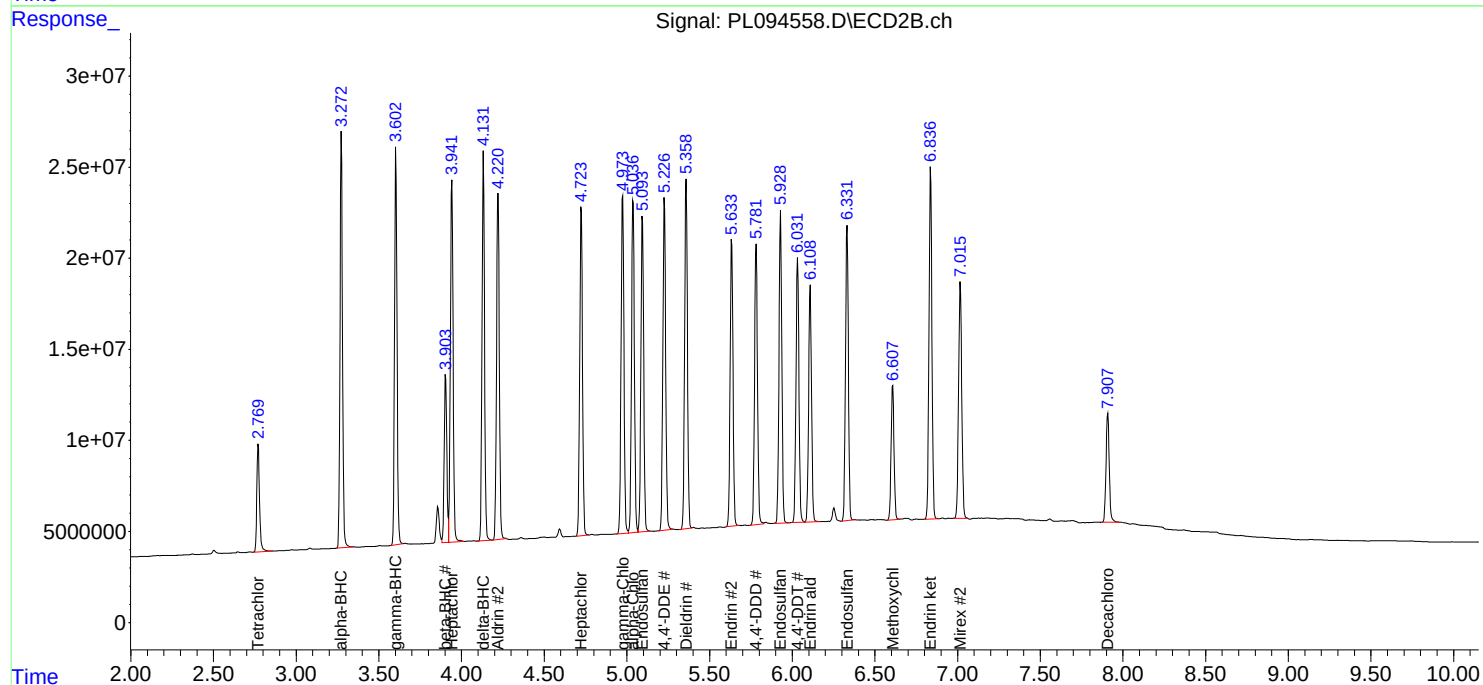
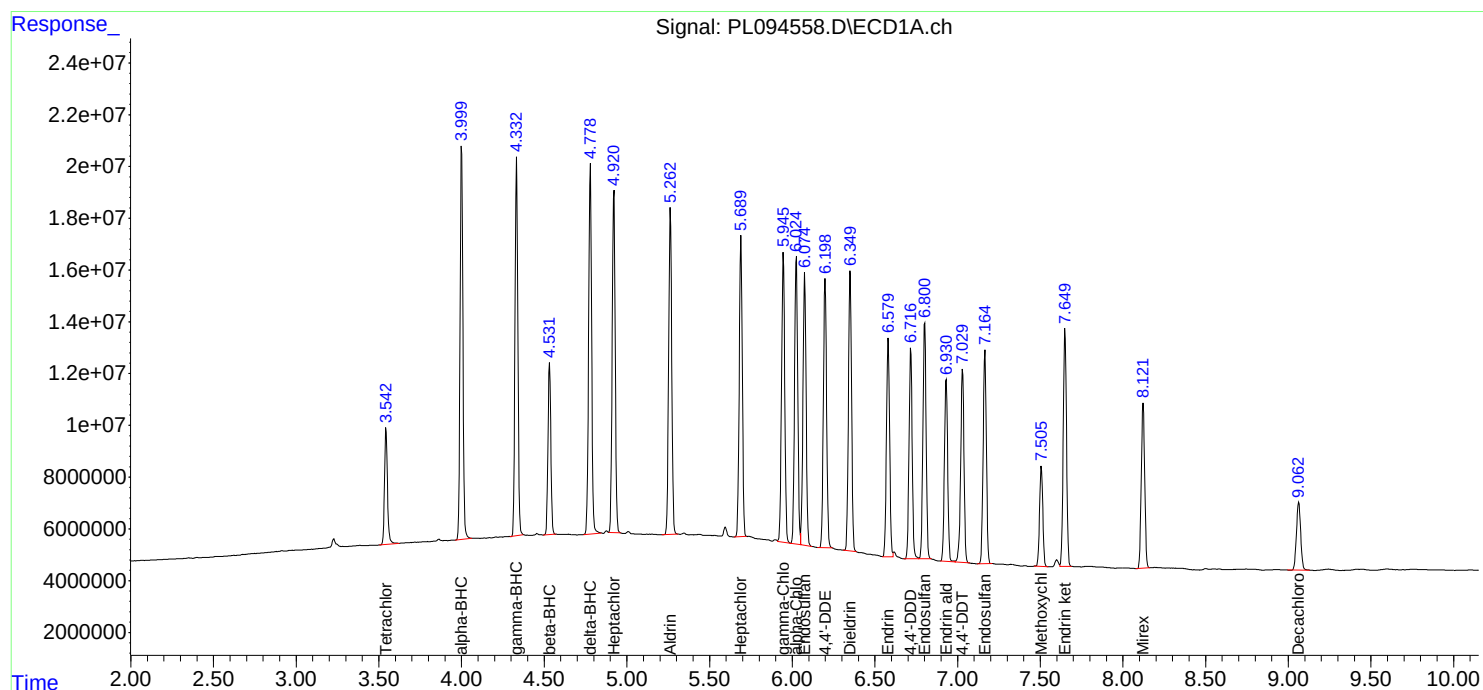
APPROVED

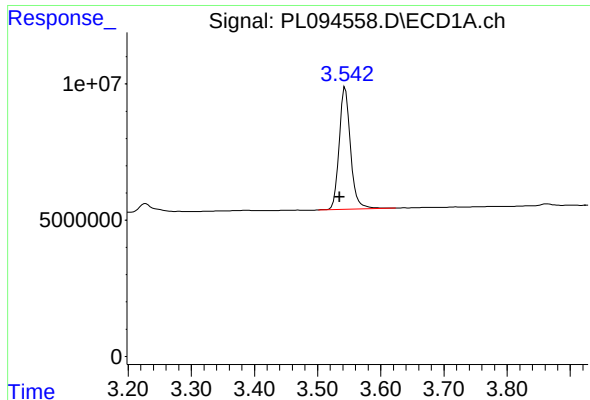
Reviewed By :Abdul Mirza 03/11/2025

Supervised By :Ankita Jodhani 03/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 11 01:08:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





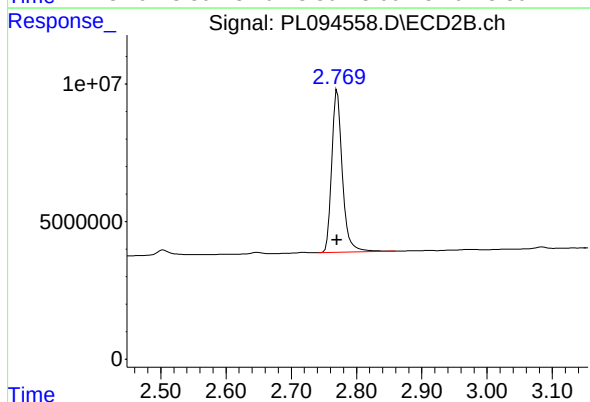
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.009 min
Response: 55721014
Conc: 21.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

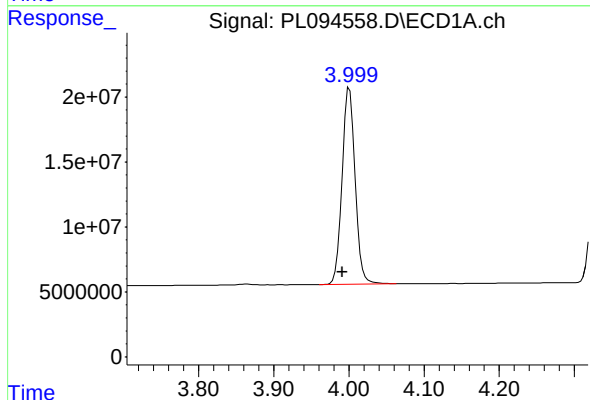
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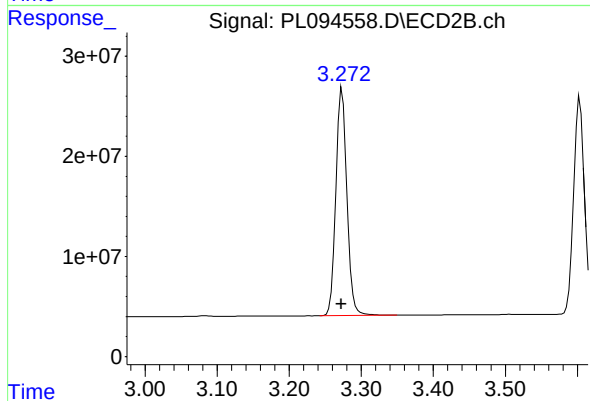
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 67053562
Conc: 21.01 ng/ml



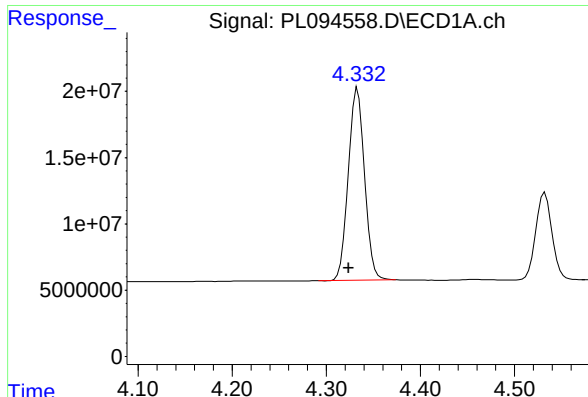
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.009 min
Response: 181919302
Conc: 48.09 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 239327602
Conc: 48.70 ng/ml



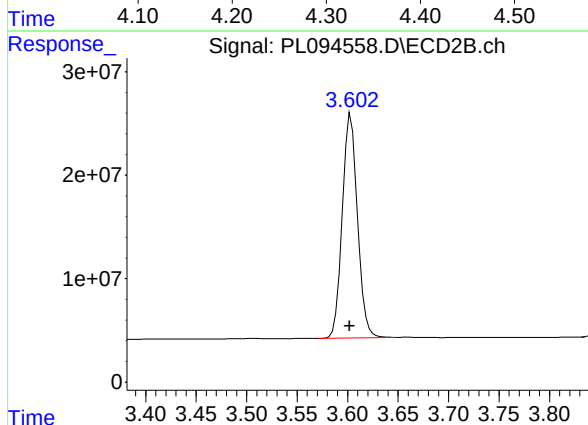
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.010 min
Response: 174413812
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

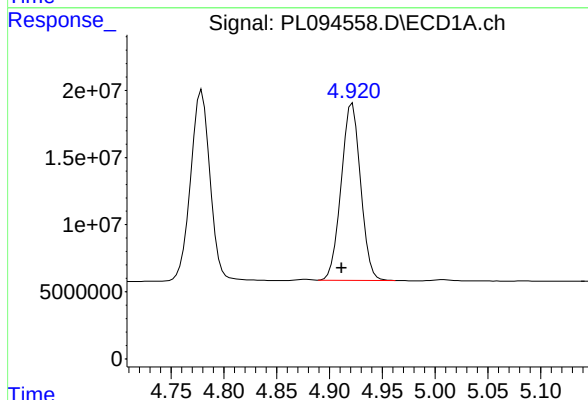
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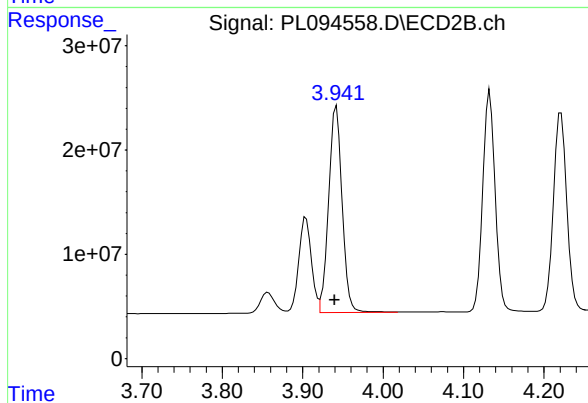
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 227183511
Conc: 48.23 ng/ml



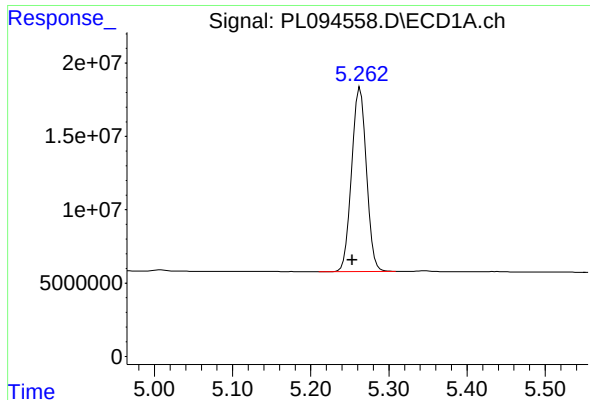
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.010 min
Response: 168588109
Conc: 49.73 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 230466229
Conc: 48.82 ng/ml



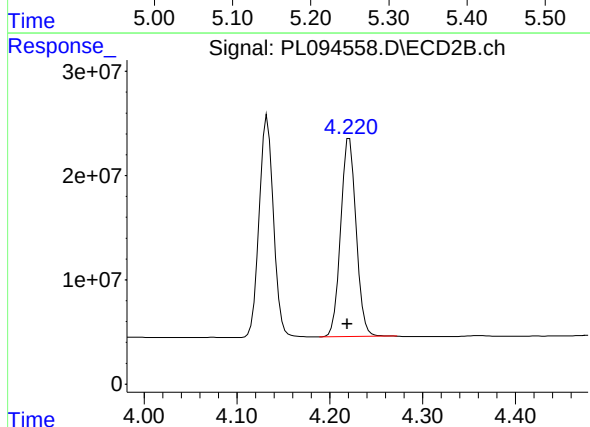
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.010 min
Response: 164778839
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

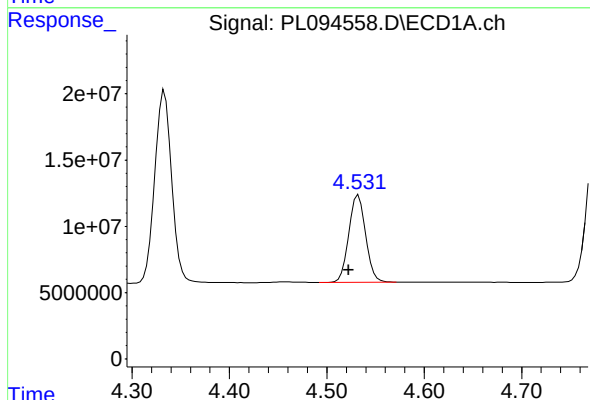
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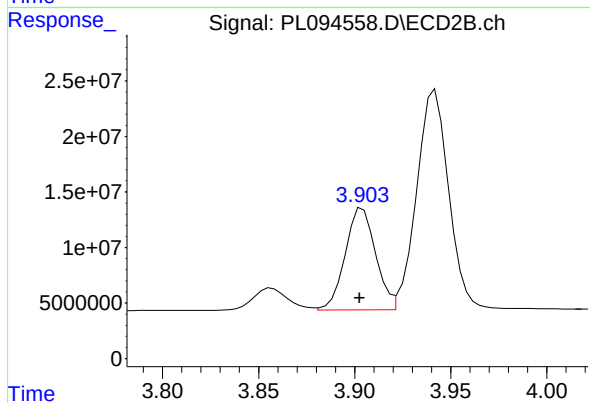
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 220451388
Conc: 47.71 ng/ml



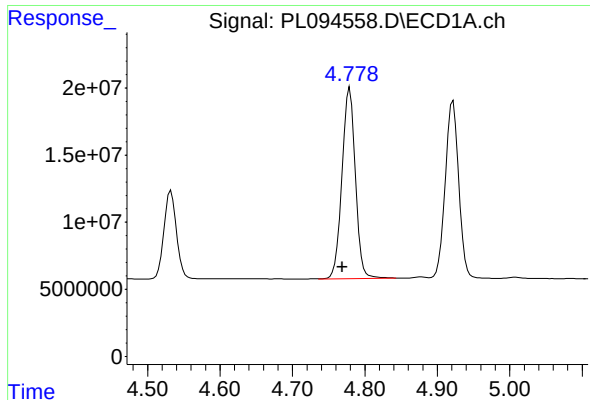
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.010 min
Response: 78809478
Conc: 49.35 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.002 min
Response: 100370695
Conc: 50.46 ng/ml



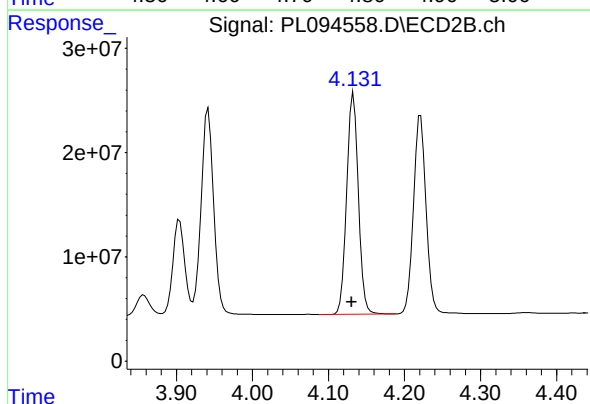
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.009 min
Response: 182326955
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

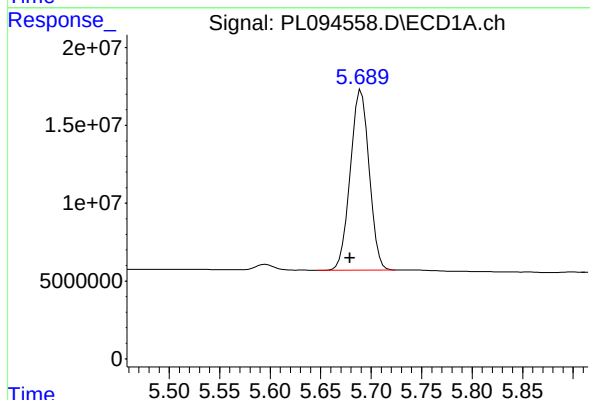
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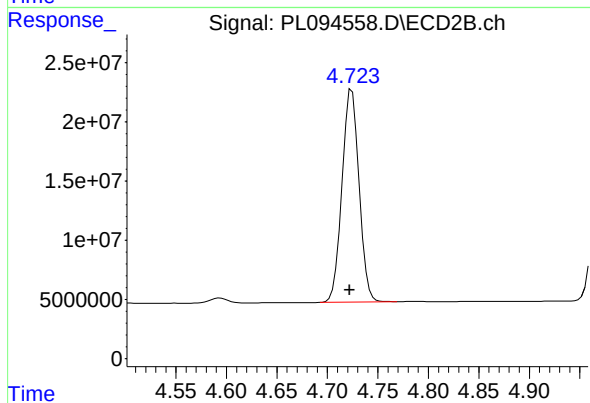
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 227053208
Conc: 47.94 ng/ml



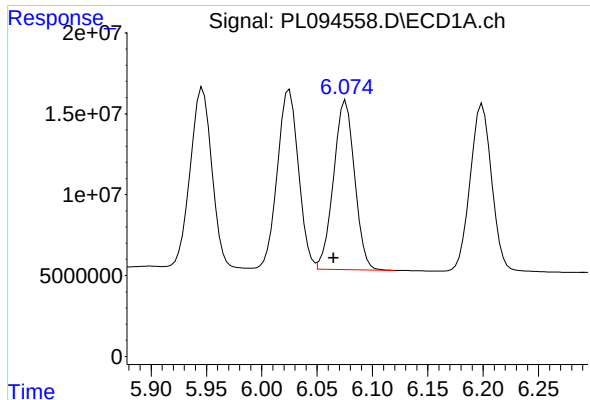
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.011 min
Response: 150966795
Conc: 50.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 211899906
Conc: 49.80 ng/ml



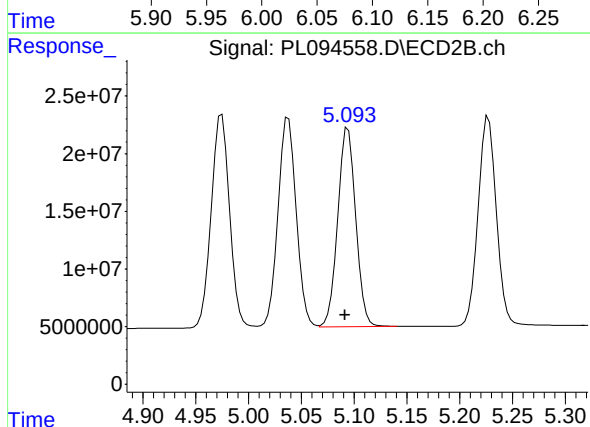
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.011 min
Response: 139038346
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

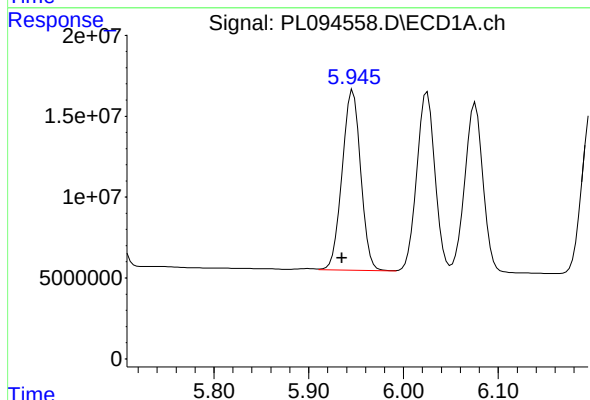
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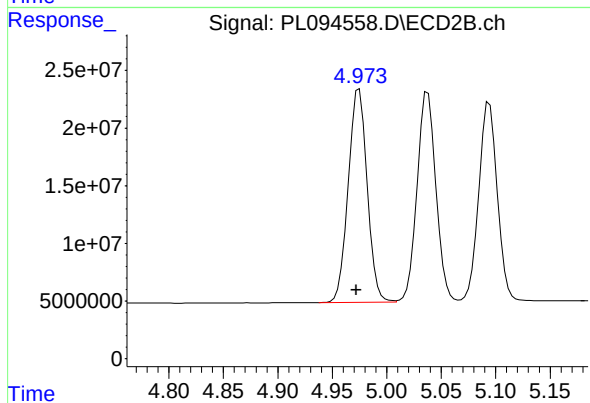
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 204794718
Conc: 51.37 ng/ml



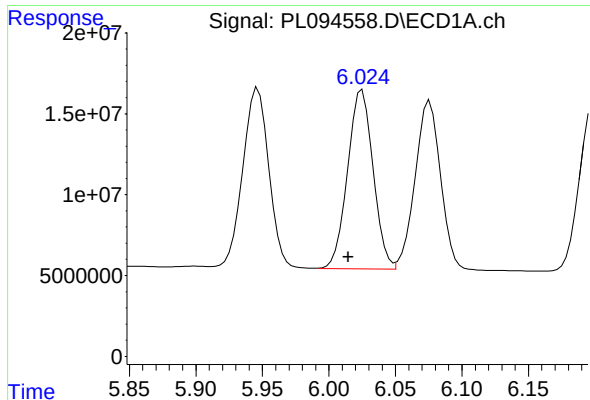
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.011 min
Response: 151187208
Conc: 51.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 223693979
Conc: 51.56 ng/ml



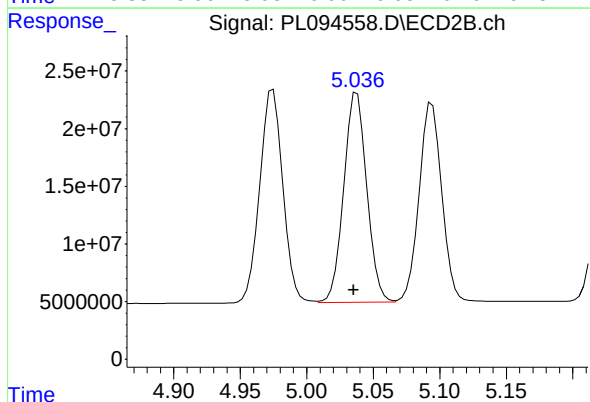
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.011 min
Response: 147709346
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

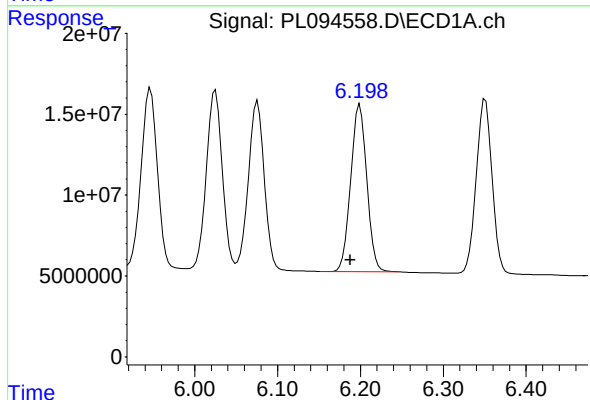
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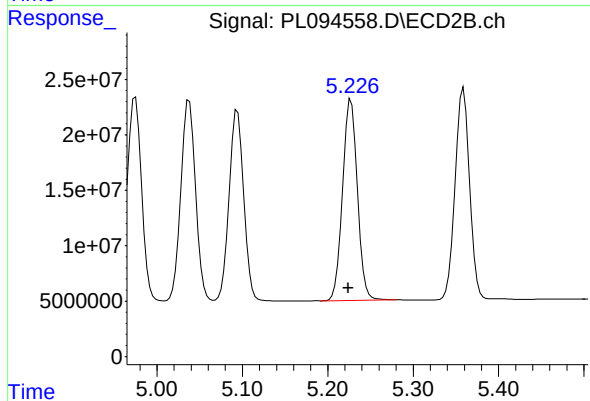
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: 0.003 min
Response: 219021781
Conc: 50.73 ng/ml



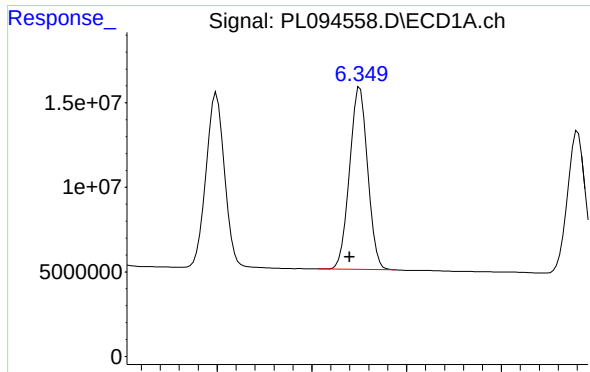
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.011 min
Response: 139298095
Conc: 53.34 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 218179876
Conc: 51.95 ng/ml



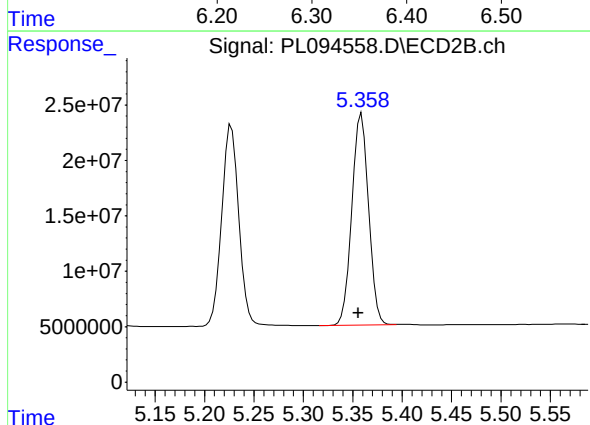
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.011 min
Response: 143414457
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

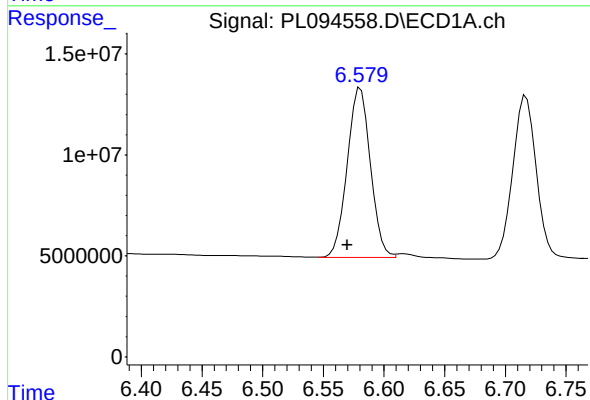
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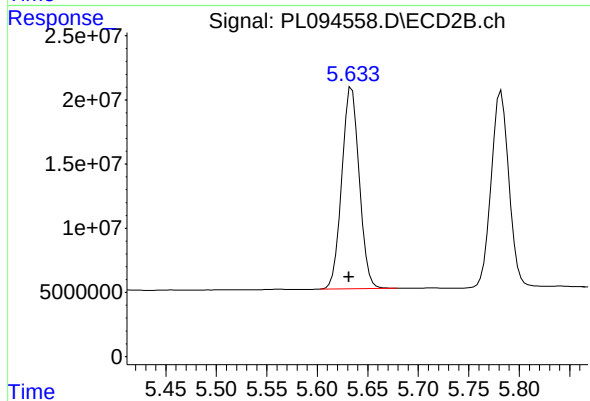
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 225177774
Conc: 51.39 ng/ml



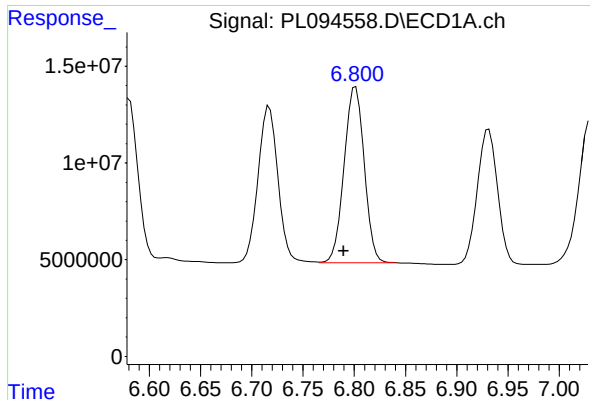
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.010 min
Response: 111995378
Conc: 43.88 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 189196650
Conc: 55.57 ng/ml



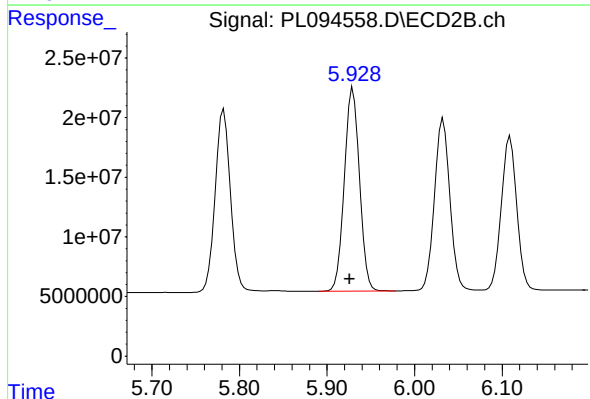
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.012 min
Response: 123902572
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

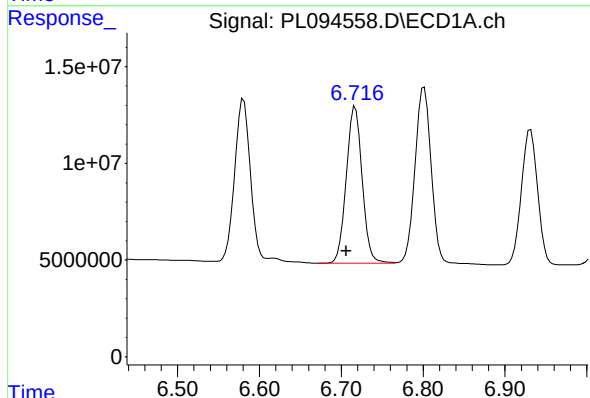
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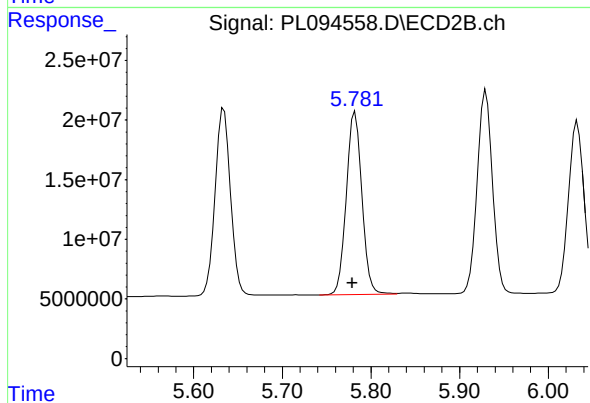
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 204824689
Conc: 54.77 ng/ml m



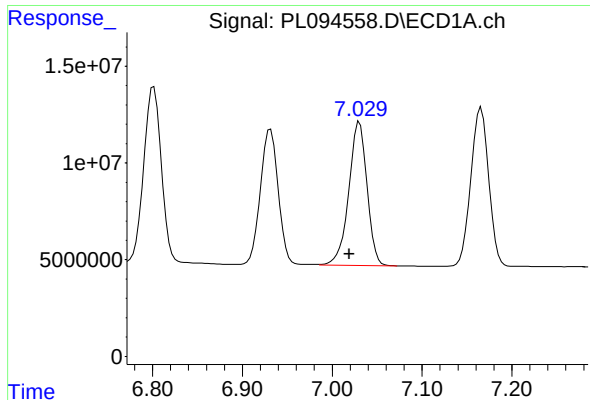
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.011 min
Response: 109370093
Conc: 59.13 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: 0.003 min
Response: 187004145
Conc: 58.71 ng/ml



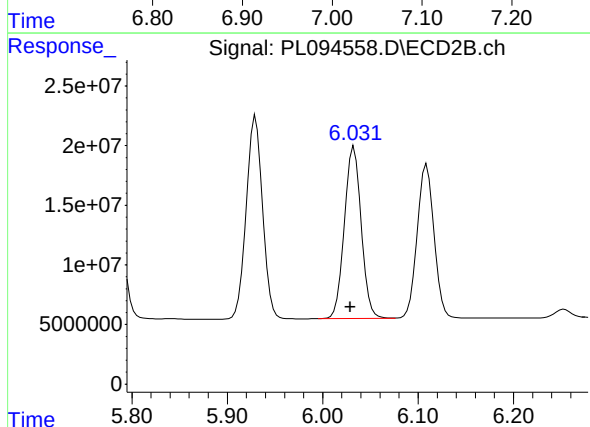
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.011 min
Response: 104632788
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

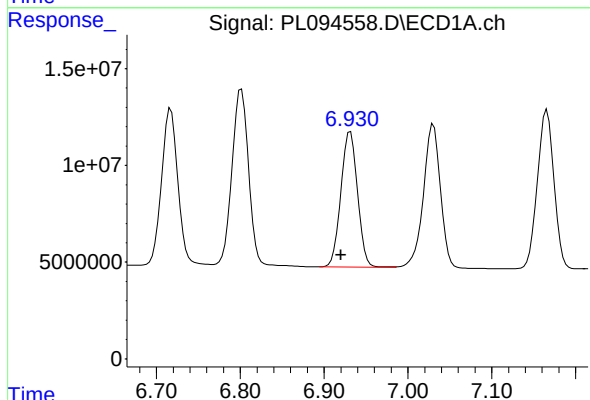
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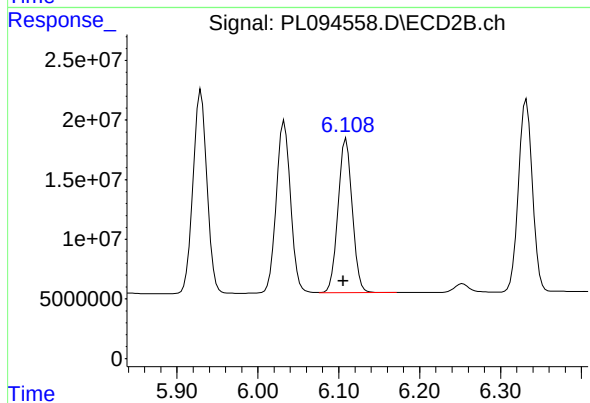
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 177937683
Conc: 50.02 ng/ml



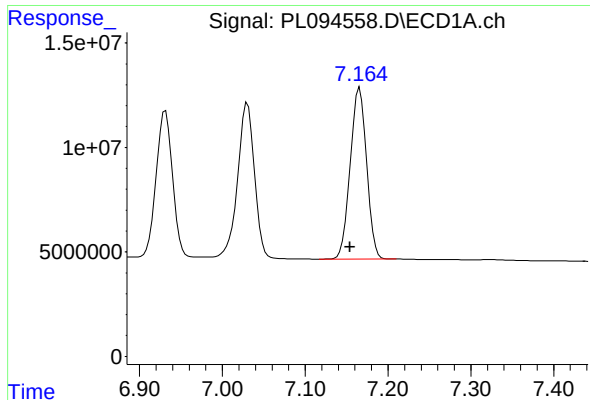
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.011 min
Response: 96720384
Conc: 49.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 158758824
Conc: 50.23 ng/ml



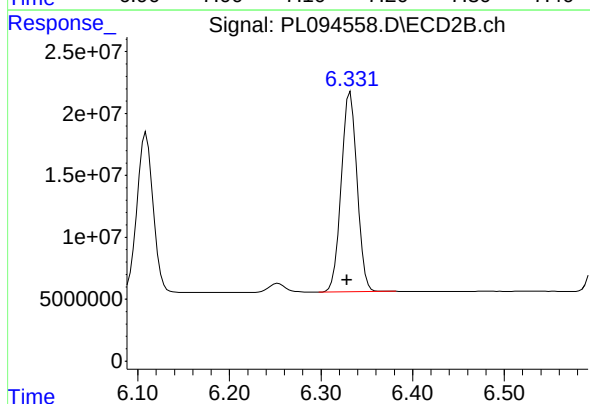
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.011 min
Response: 113065483
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

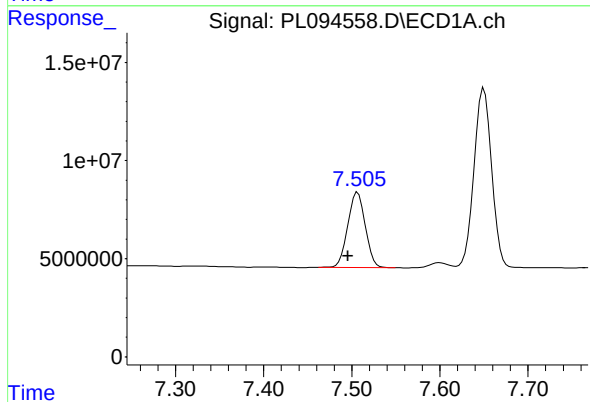
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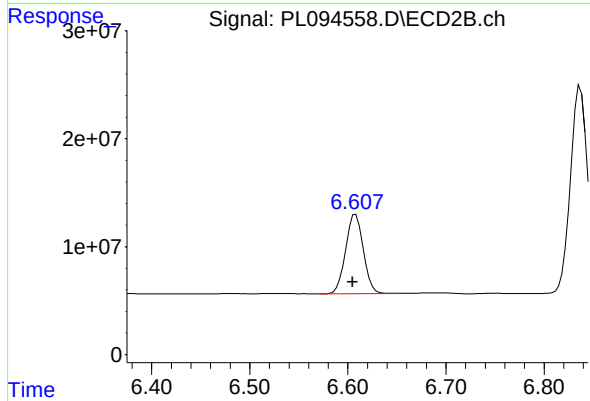
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 194535900
Conc: 52.67 ng/ml



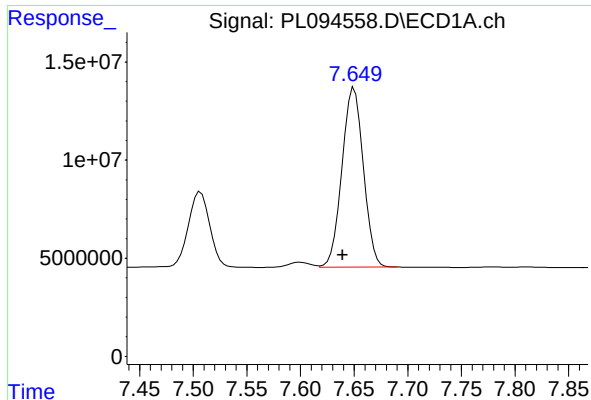
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.011 min
Response: 52945862
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.003 min
Response: 92399763
Conc: 47.36 ng/ml



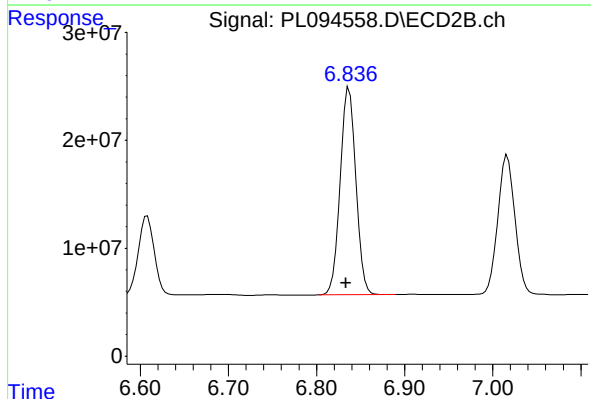
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.011 min
Response: 126951294
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

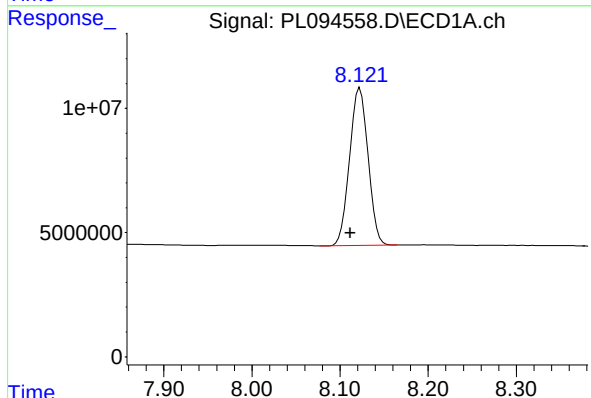
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Reviewed By :Abdul Mirza 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



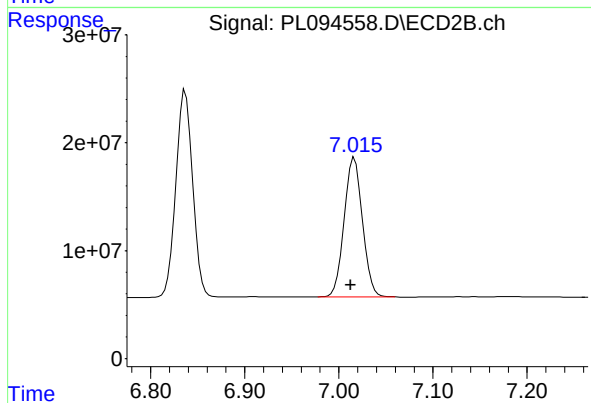
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.004 min
Response: 238158134
Conc: 55.81 ng/ml



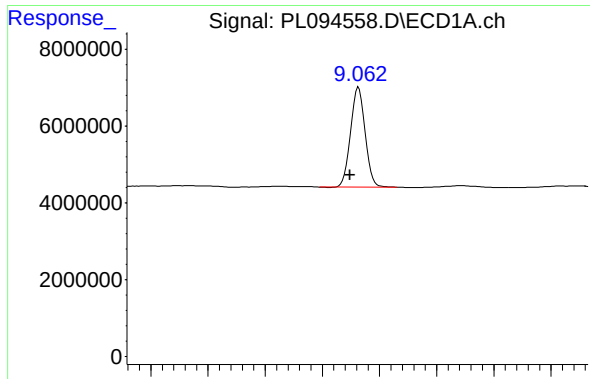
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.011 min
Response: 92568735
Conc: 44.86 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 174145838
Conc: 49.94 ng/ml



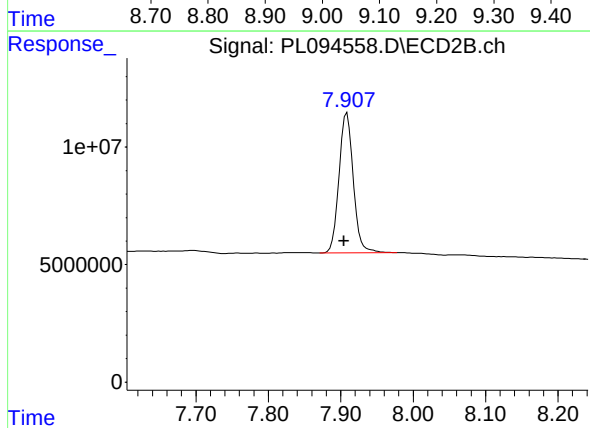
#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.014 min
Response: 46509229
Conc: 21.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167044BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/11/2025
Supervised By :Ankita Jodhani 03/11/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.004 min
Response: 81312815
Conc: 21.14 ng/ml