

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 19:06
 Operator : AR\AJ
 Sample : PB166800BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166800BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:41:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.772	50712324	61839368	18.833	18.945
28) SA Decachlor...	9.050	7.906	46359984	80617164	22.162	23.007
Target Compounds						
2) A alpha-BHC	3.993	3.274	176.3E6	237.5E6	45.998	48.585
3) MA gamma-BHC...	4.325	3.604	168.6E6	227.5E6	45.780	47.992
4) MA Heptachlor	4.912	3.942	163.8E6	235.4E6	49.966m	50.576
5) MB Aldrin	5.254	4.221	157.3E6	224.3E6	48.062	49.175
6) B beta-BHC	4.524	3.904	76468373	99949542	47.575	50.039
7) B delta-BHC	4.771	4.132	166.0E6	224.7E6	47.367	47.294
8) B Heptachlo...	5.681	4.724	144.5E6	214.4E6	48.602	51.292
9) A Endosulfan I	6.067	5.093	131.3E6	205.5E6	49.688	53.006
10) B gamma-Chl...	5.937	4.973	141.2E6	226.2E6	50.654	53.369
11) B alpha-Chl...	6.016	5.037	140.7E6	220.9E6	50.448	52.754
12) B 4,4'-DDE	6.190	5.226	129.7E6	216.5E6	53.266	54.000
13) MA Dieldrin	6.342	5.358	137.8E6	223.2E6	49.638	51.969
14) MA Endrin	6.570	5.632	103.4E6	176.9E6	44.085m	47.911m
15) B Endosulfa...	6.791	5.926	119.8E6	201.1E6	49.736	54.284m
16) A 4,4'-DDD	6.707	5.781	102.0E6	179.7E6	53.683	56.927
17) MA 4,4'-DDT	7.021	6.031	100.3E6	172.5E6	50.845	53.012
18) B Endrin al...	6.922	6.107	95633030	160.4E6	49.193	52.686
19) B Endosulfa...	7.156	6.330	110.6E6	192.2E6	48.849	53.904
20) A Methoxychlor	7.497	6.606	50722421	91853631	48.613	51.368
21) B Endrin ke...	7.641	6.835	128.7E6	237.4E6	51.024	56.591
22) Mirex	8.113	7.015	95002584	169.9E6	45.620	50.247

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:06
Operator : AR\AJ
Sample : PB166800BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

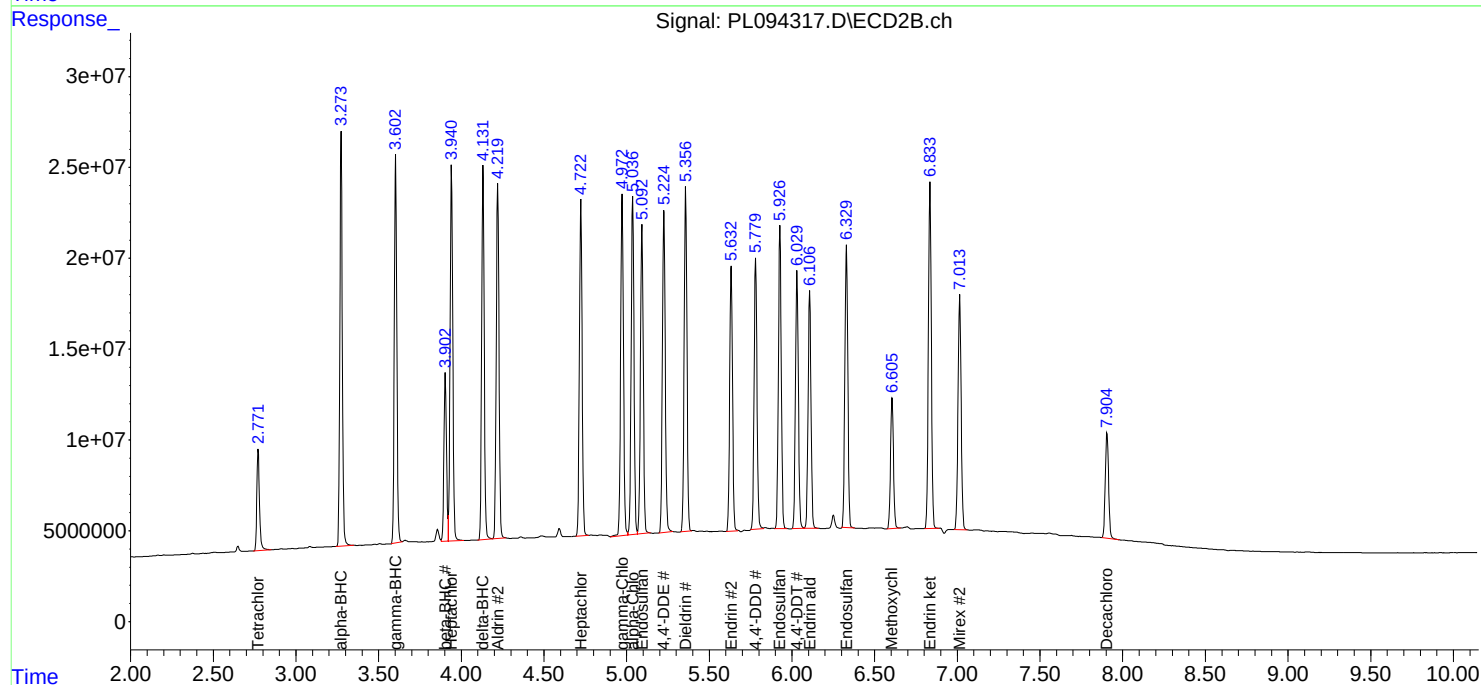
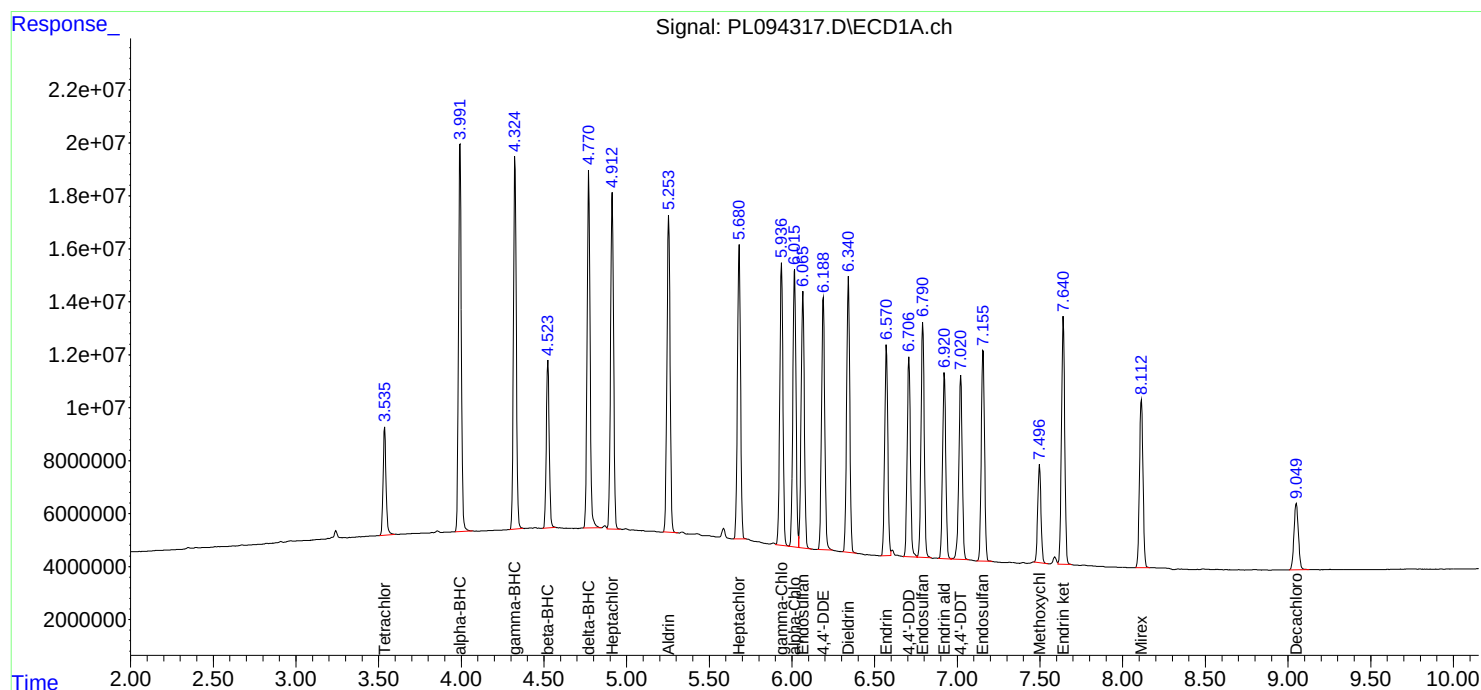
Instrument :
ECD_L
ClientSampleId :
PB166800BS

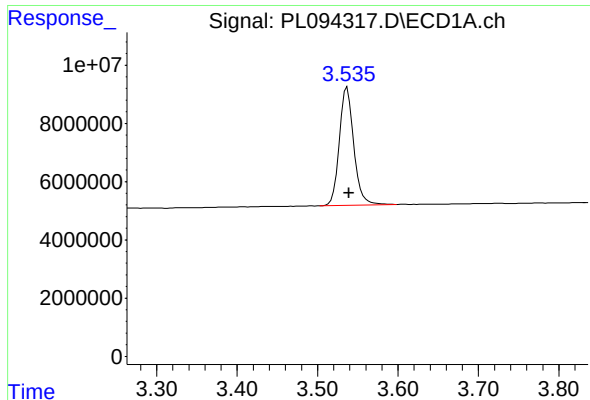
Manual Integrations
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Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:41:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





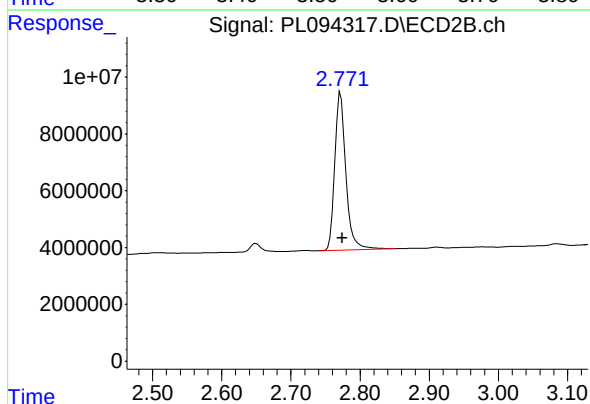
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 50712324
Conc: 18.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

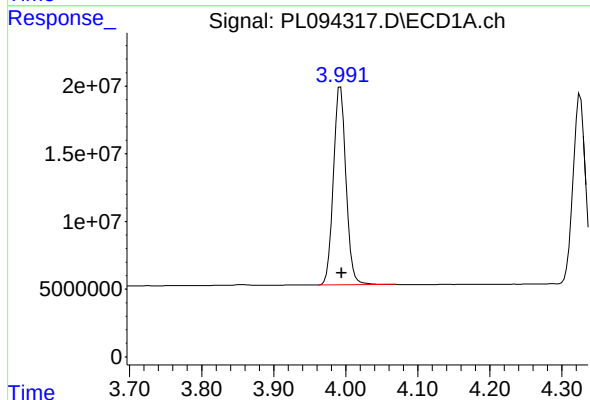
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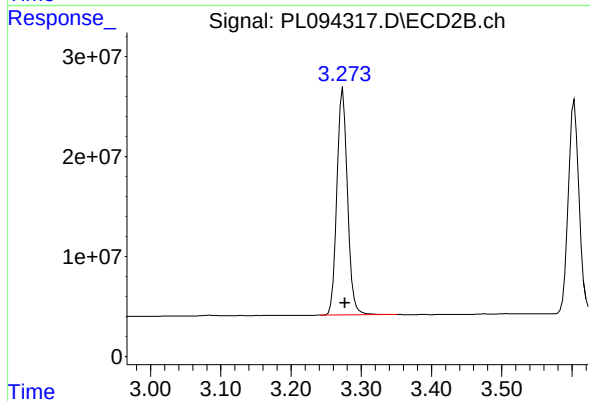
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: -0.002 min
Response: 61839368
Conc: 18.94 ng/ml



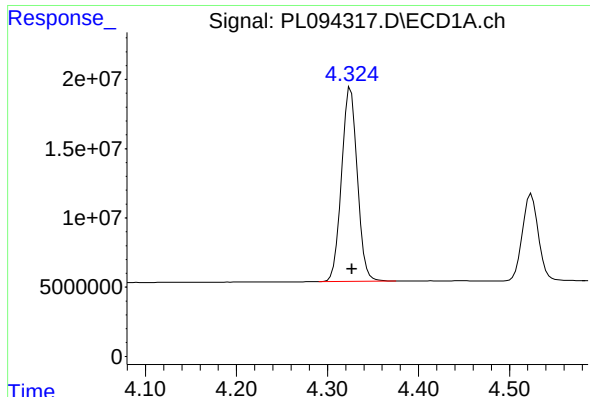
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 176349160
Conc: 46.00 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: -0.003 min
Response: 237532101
Conc: 48.59 ng/ml



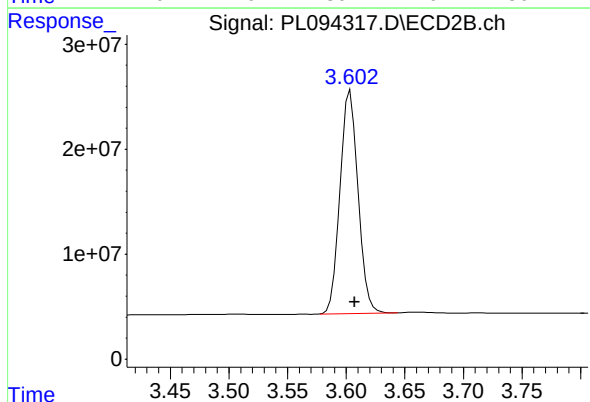
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 168601465
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

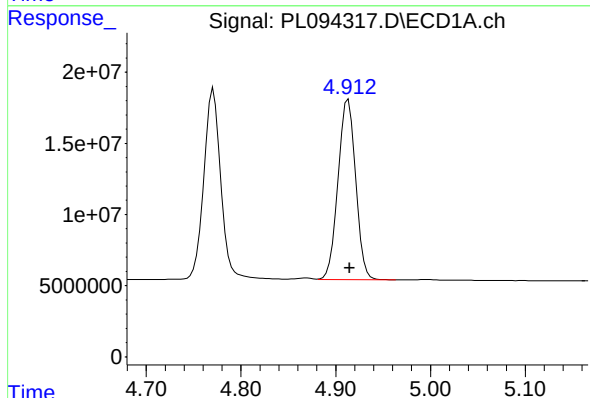
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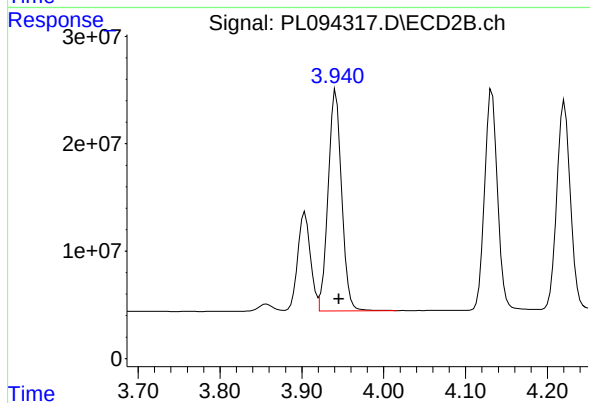
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: -0.004 min
Response: 227539321
Conc: 47.99 ng/ml



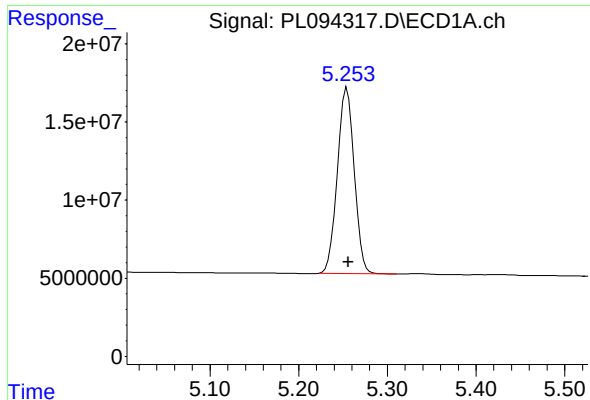
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 163754125
Conc: 49.97 ng/ml m



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: -0.004 min
Response: 235420205
Conc: 50.58 ng/ml



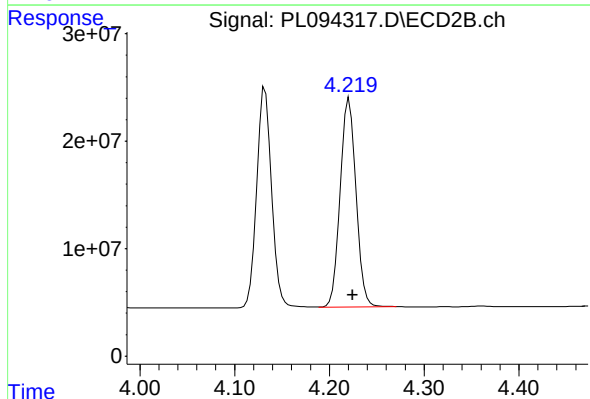
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.001 min
Response: 157256649
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

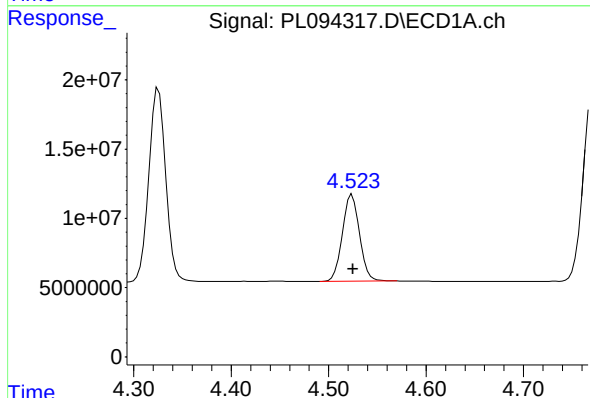
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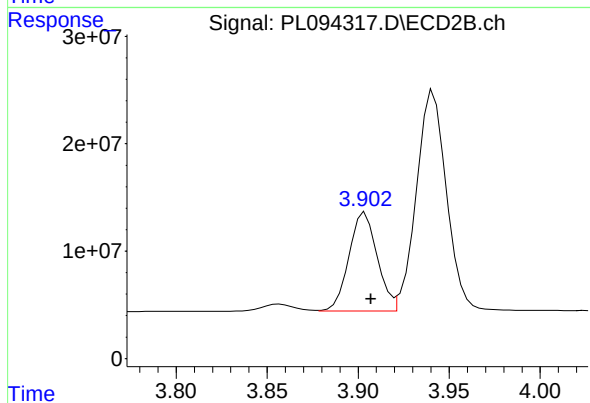
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.004 min
Response: 224327788
Conc: 49.18 ng/ml



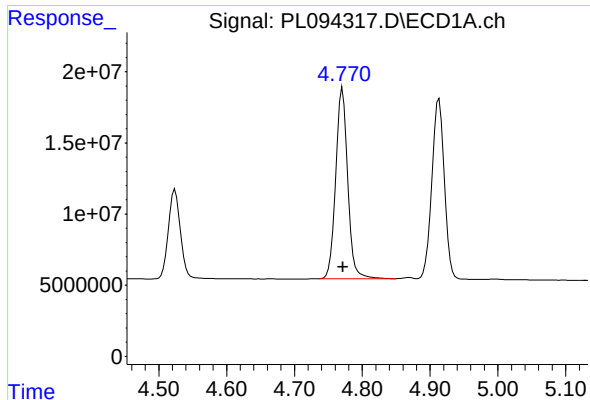
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 76468373
Conc: 47.57 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.003 min
Response: 99949542
Conc: 50.04 ng/ml



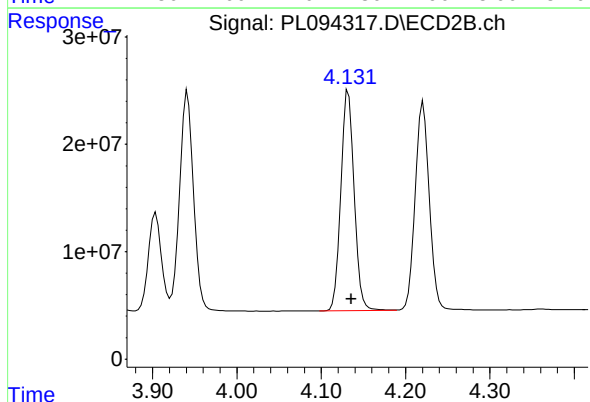
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 166035705
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

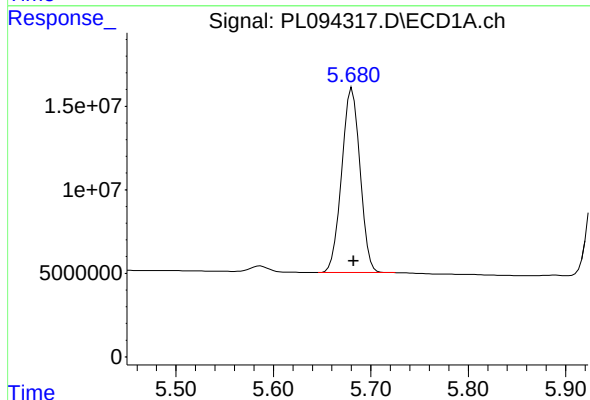
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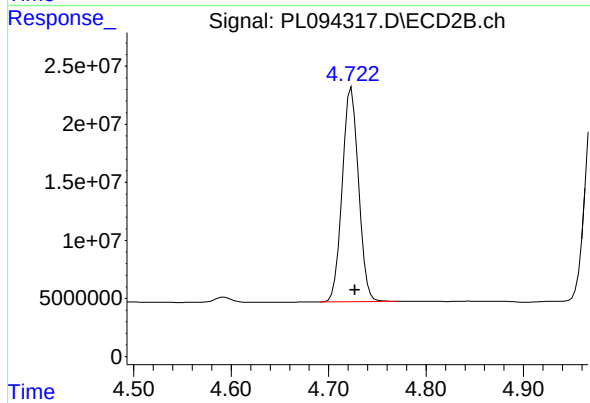
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.003 min
Response: 224705241
Conc: 47.29 ng/ml



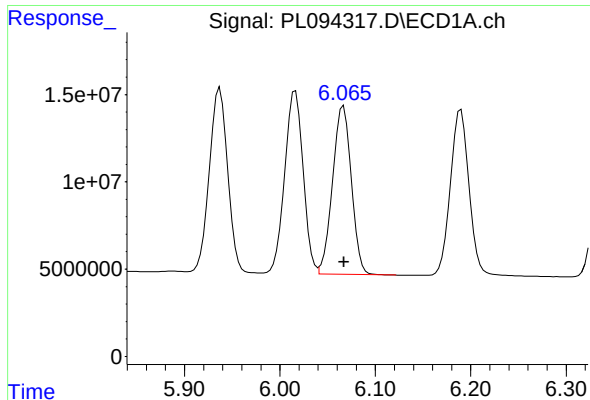
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 144533215
Conc: 48.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 214413746
Conc: 51.29 ng/ml



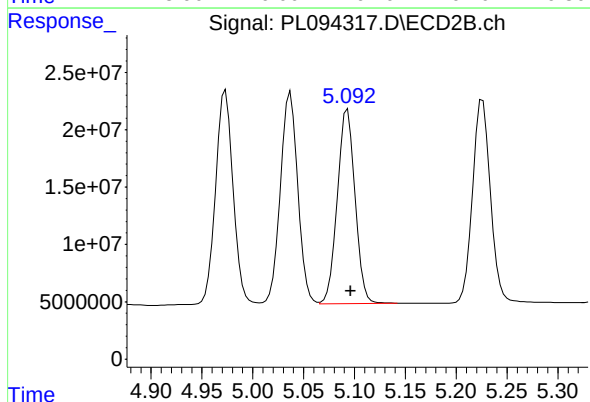
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 131317430
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

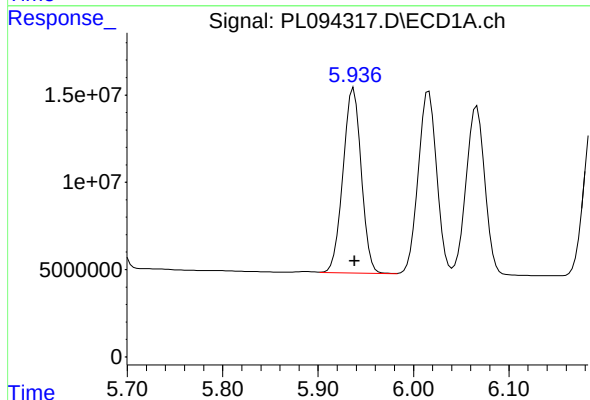
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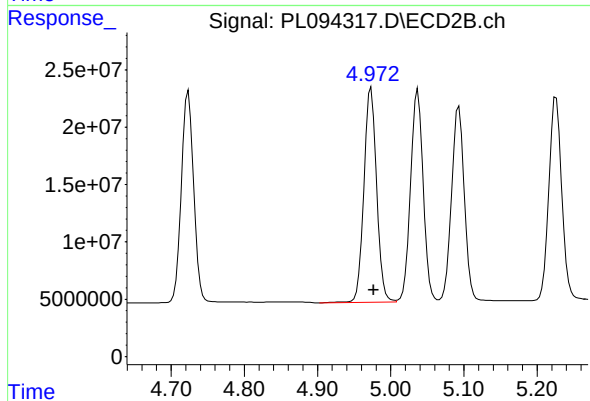
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.003 min
Response: 205498219
Conc: 53.01 ng/ml



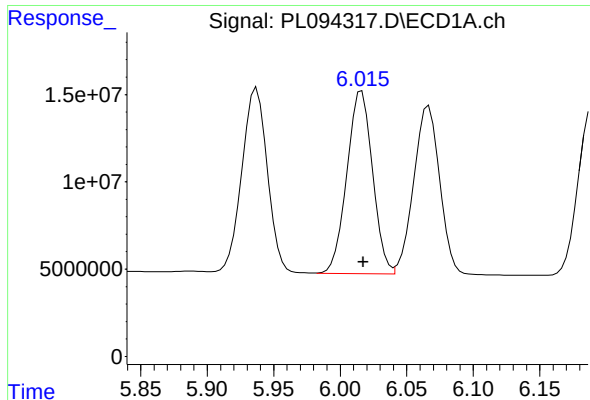
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.001 min
Response: 141190907
Conc: 50.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.004 min
Response: 226159273
Conc: 53.37 ng/ml



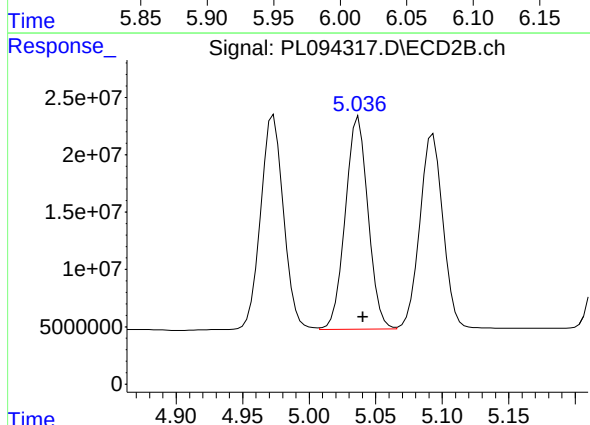
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 140669224
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

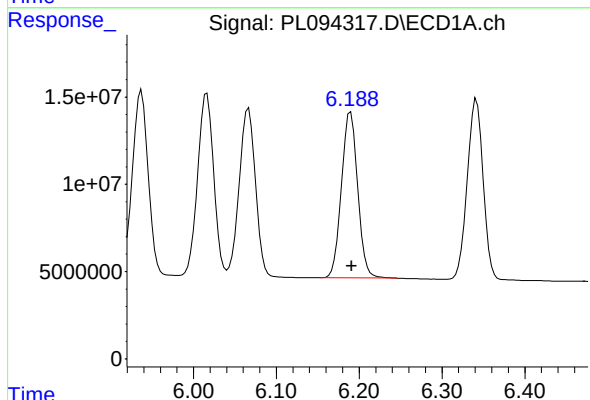
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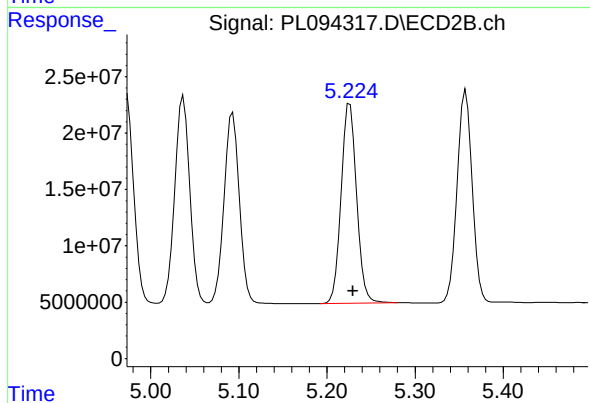
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 220858675
Conc: 52.75 ng/ml



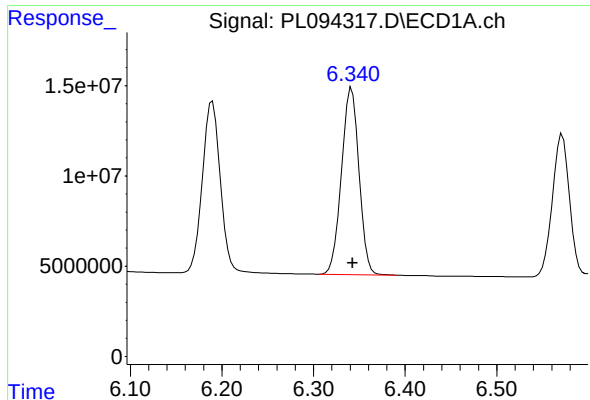
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 129682128
Conc: 53.27 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 216510611
Conc: 54.00 ng/ml



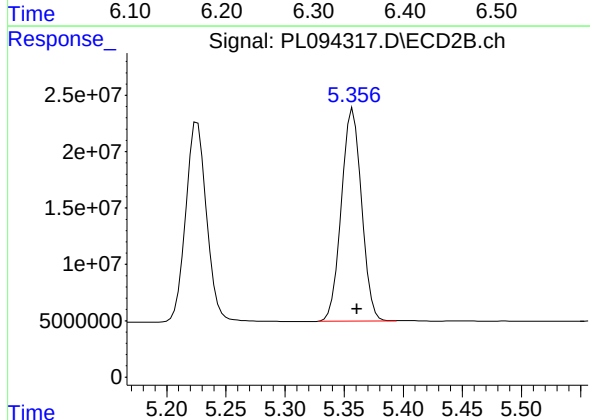
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 137787024
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

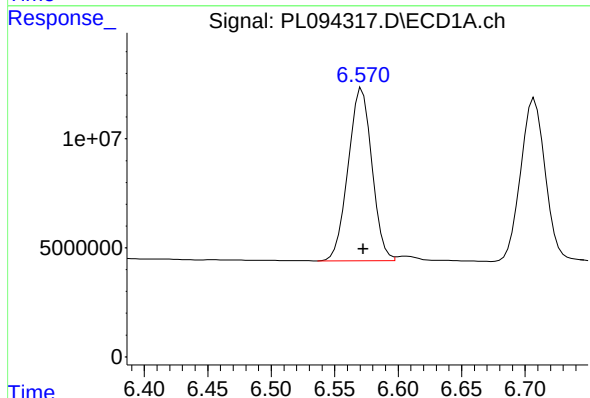
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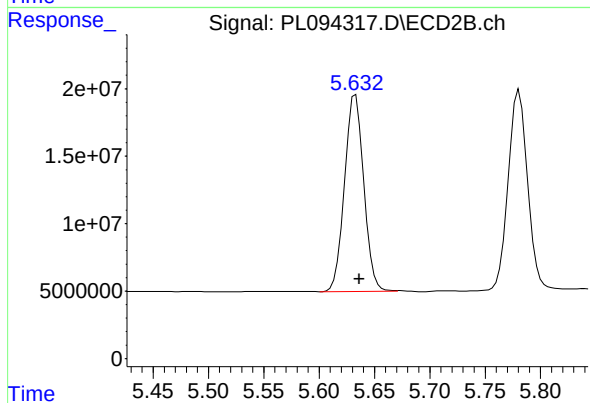
#13 Dieldrin

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 223242095
Conc: 51.97 ng/ml



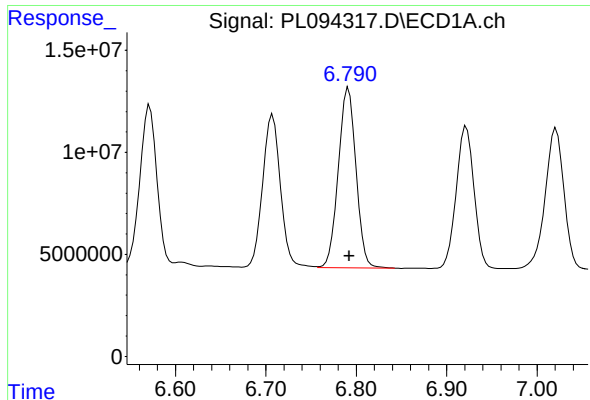
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 103371921
Conc: 44.09 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.005 min
Response: 176919520
Conc: 47.91 ng/ml m



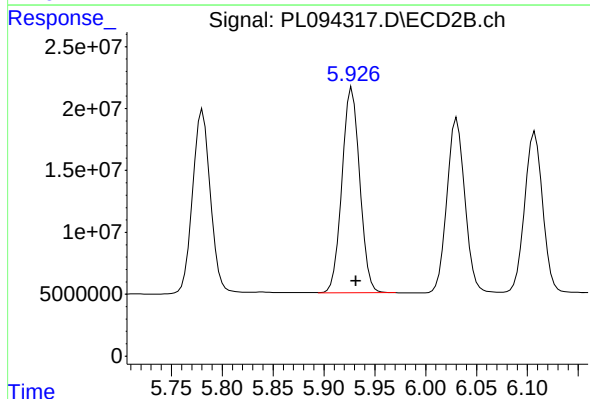
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 119832438
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

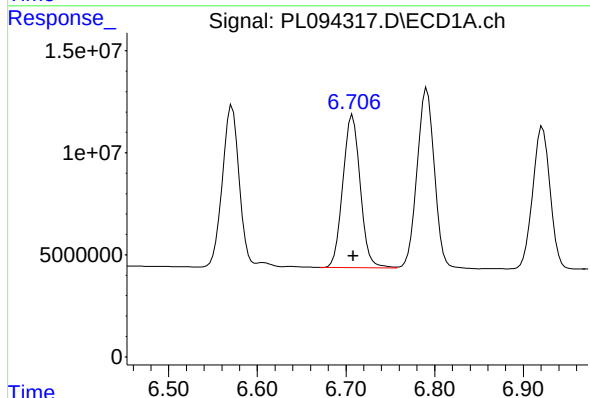
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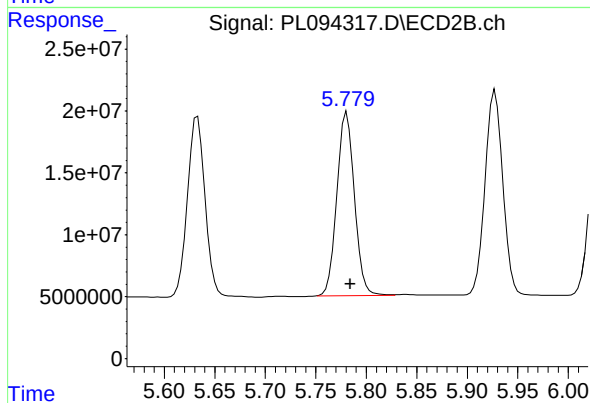
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.005 min
Response: 201057730
Conc: 54.28 ng/ml m



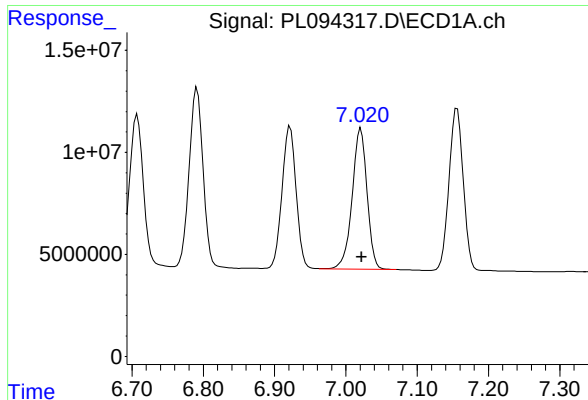
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 102027478
Conc: 53.68 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 179692481
Conc: 56.93 ng/ml



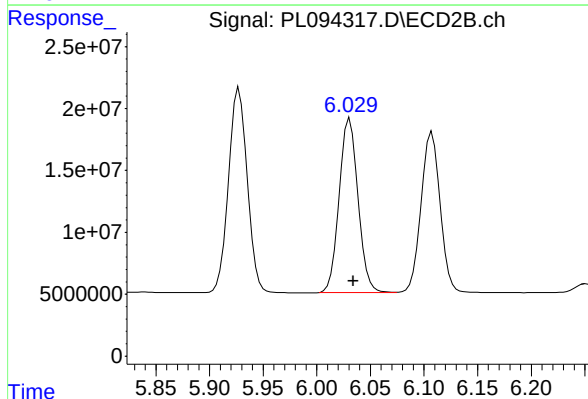
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 100269457
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

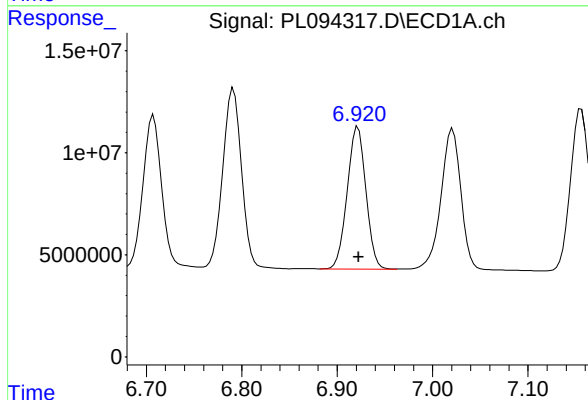
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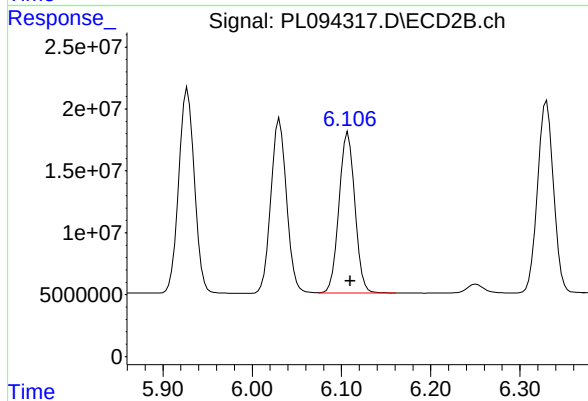
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 172504553
Conc: 53.01 ng/ml



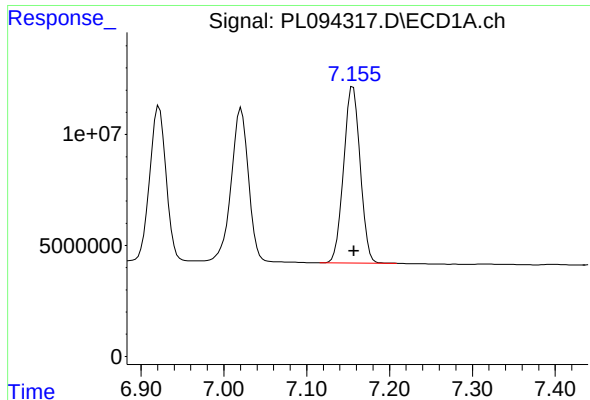
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95633030
Conc: 49.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 160410633
Conc: 52.69 ng/ml



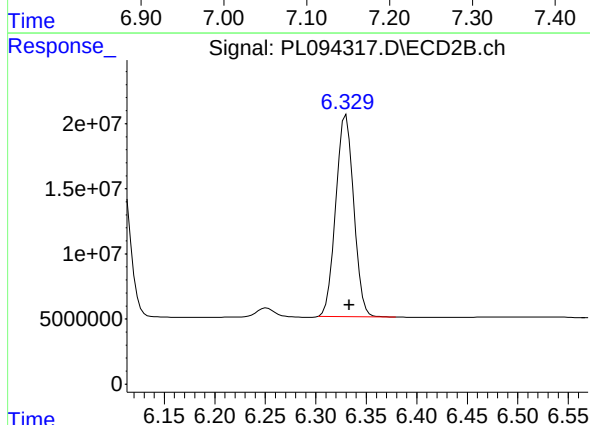
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.001 min
Response: 110582129
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

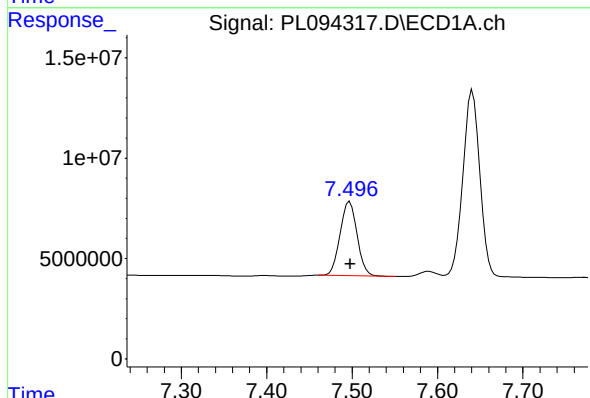
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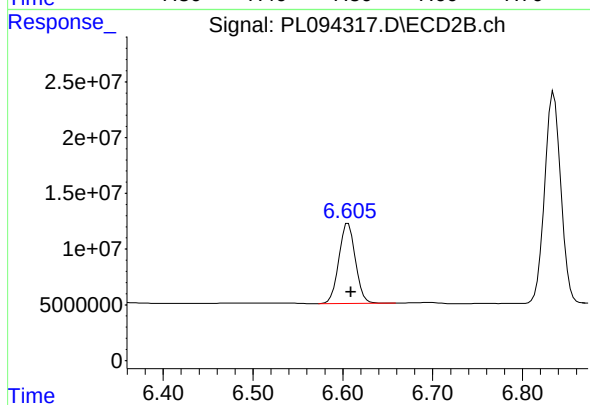
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 192227664
Conc: 53.90 ng/ml



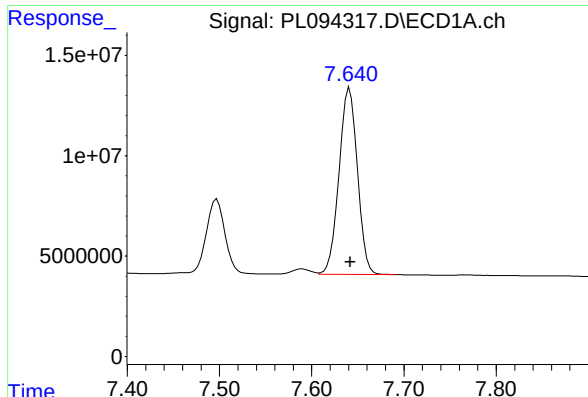
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 50722421
Conc: 48.61 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 91853631
Conc: 51.37 ng/ml



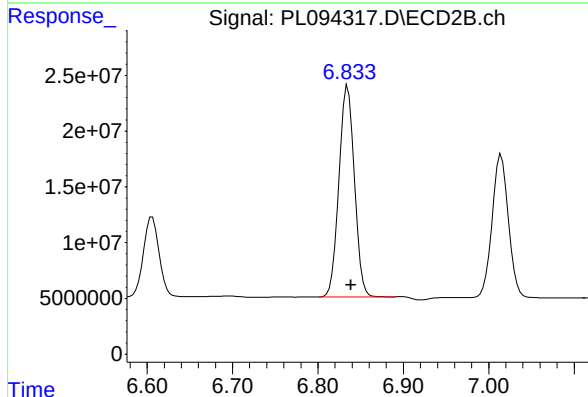
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 128714372
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

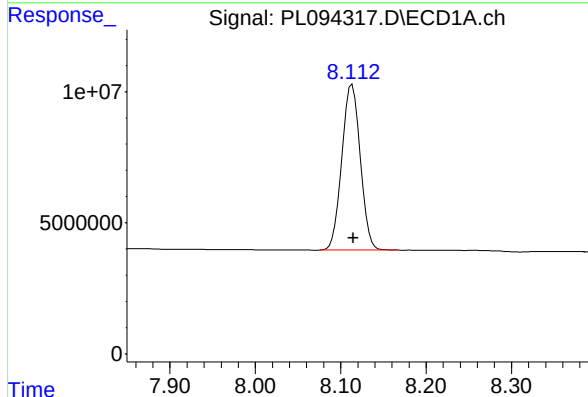
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APPROVED

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Supervised By :Ankita Jodhani 02/21/2025



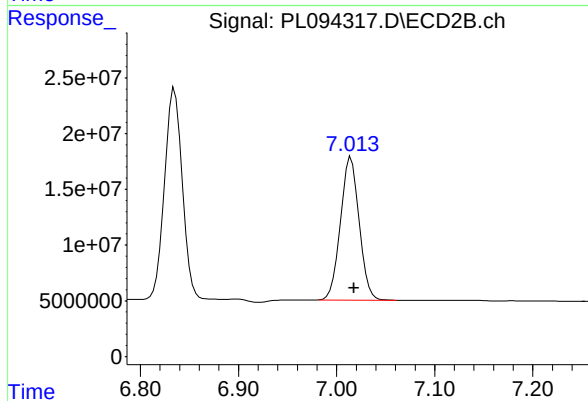
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.004 min
Response: 237411469
Conc: 56.59 ng/ml



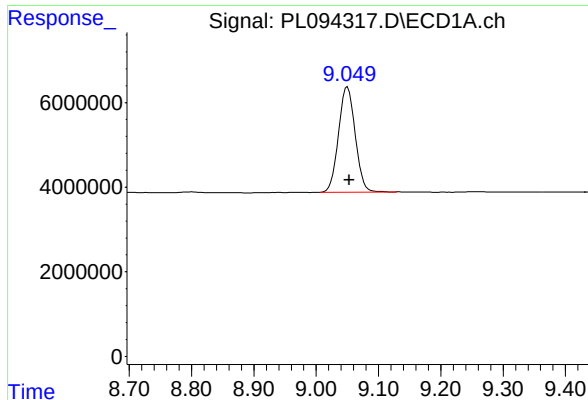
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.001 min
Response: 95002584
Conc: 45.62 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 169928767
Conc: 50.25 ng/ml



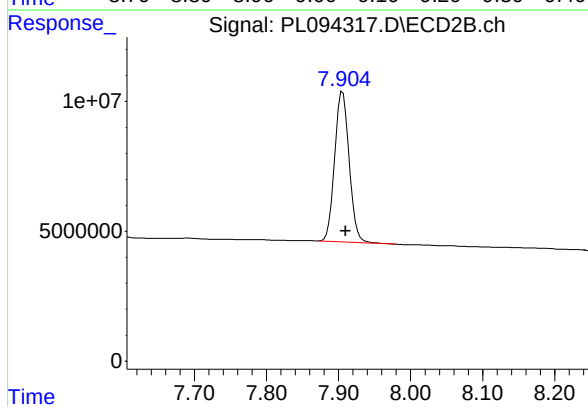
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 46359984
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166800BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: -0.004 min
Response: 80617164
Conc: 23.01 ng/ml