

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 16:05
 Operator : AR\AJ
 Sample : Q1373-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VB27161MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:32:45 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...	3.536	2.773	57710472	69072956	21.432m	21.161
28) SA Decachlor...	9.051	7.907	48600221	85619407	23.232	24.434
Target Compounds						
2) A alpha-BHC	3.994	3.275	179.3E6	245.5E6	46.770	50.207
3) MA gamma-BHC...	4.323	3.603	301.0E6	235.1E6	81.734m	49.593m#
4) MA Heptachlor	4.914	3.943	158.8E6	234.5E6	48.446	50.375
5) MB Aldrin	5.255	4.222	151.7E6	217.0E6	46.354	47.561
6) B beta-BHC	4.525	3.905	73493998	100.4E6	45.724	50.264
7) B delta-BHC	4.772	4.133	166.6E6	237.5E6	47.537	49.986
8) B Heptachlo...	5.682	4.724	138.3E6	201.3E6	46.511	48.156
9) A Endosulfan I	6.067	5.094	127.7E6	200.5E6	48.329	51.722
10) B gamma-Chl...	5.936	4.973	135.0E6	222.2E6	48.417m	52.427m
11) B alpha-Chl...	6.017	5.038	135.2E6	238.5E6	48.486	56.979
12) B 4,4'-DDE	6.190	5.226	125.5E6	212.2E6	51.555	52.920
13) MA Dieldrin	6.342	5.356	130.9E6	224.3E6	47.170	52.206m
14) MA Endrin	6.572	5.633	118.5E6	196.2E6	50.520	53.124
15) B Endosulfa...	6.792	5.927	121.4E6	193.1E6	50.397	52.140m
16) A 4,4'-DDD	6.707	5.781	99488453	172.2E6	52.347	54.547
17) MA 4,4'-DDT	7.022	6.031	116.1E6	182.6E6	58.889	56.115
18) B Endrin al...	6.922	6.107	88993277	146.7E6	45.777	48.193
19) B Endosulfa...	7.157	6.330	108.6E6	182.2E6	47.959	51.080
20) A Methoxychlor	7.498	6.606	56301917	94746595	53.960	52.986
21) B Endrin ke...	7.642	6.836	121.8E6	215.1E6	48.277	51.280
22) Mirex	8.114	7.015	92374416	161.0E6	44.358	47.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 16:05
Operator : AR\AJ
Sample : Q1373-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

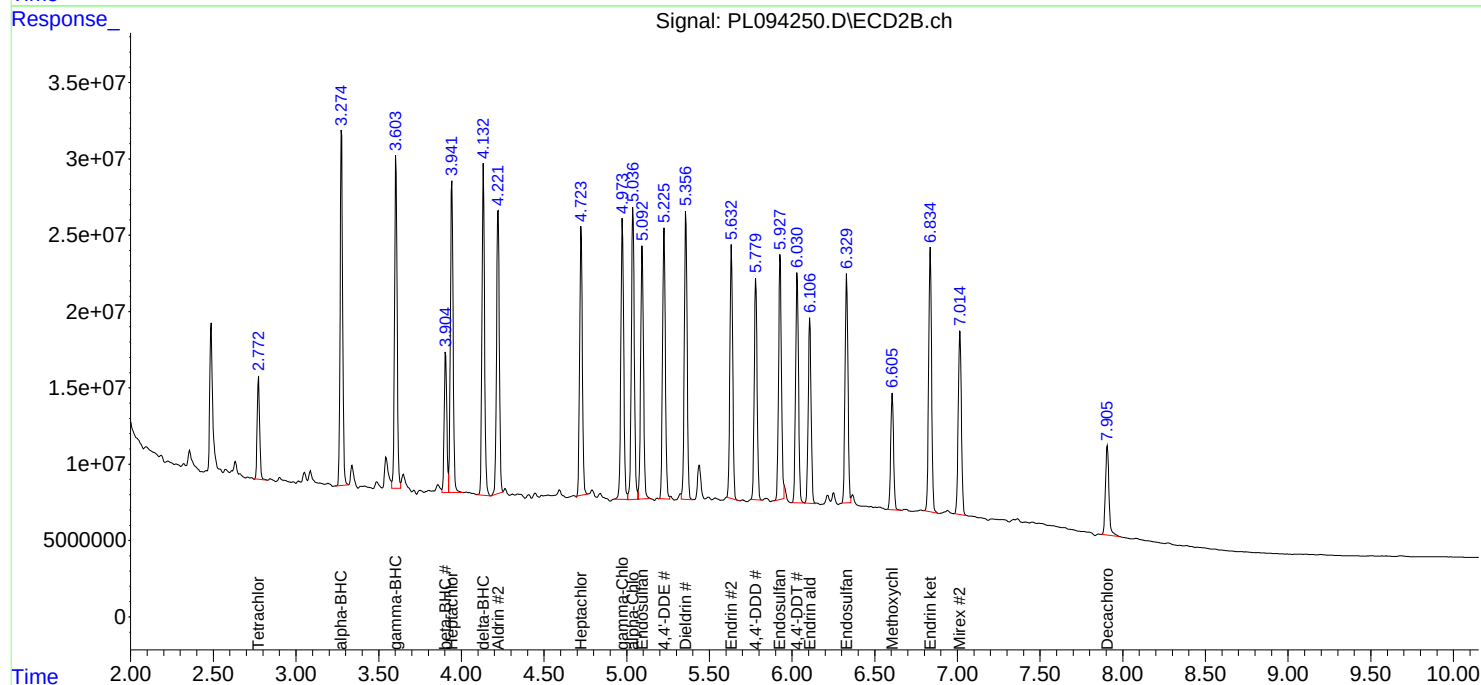
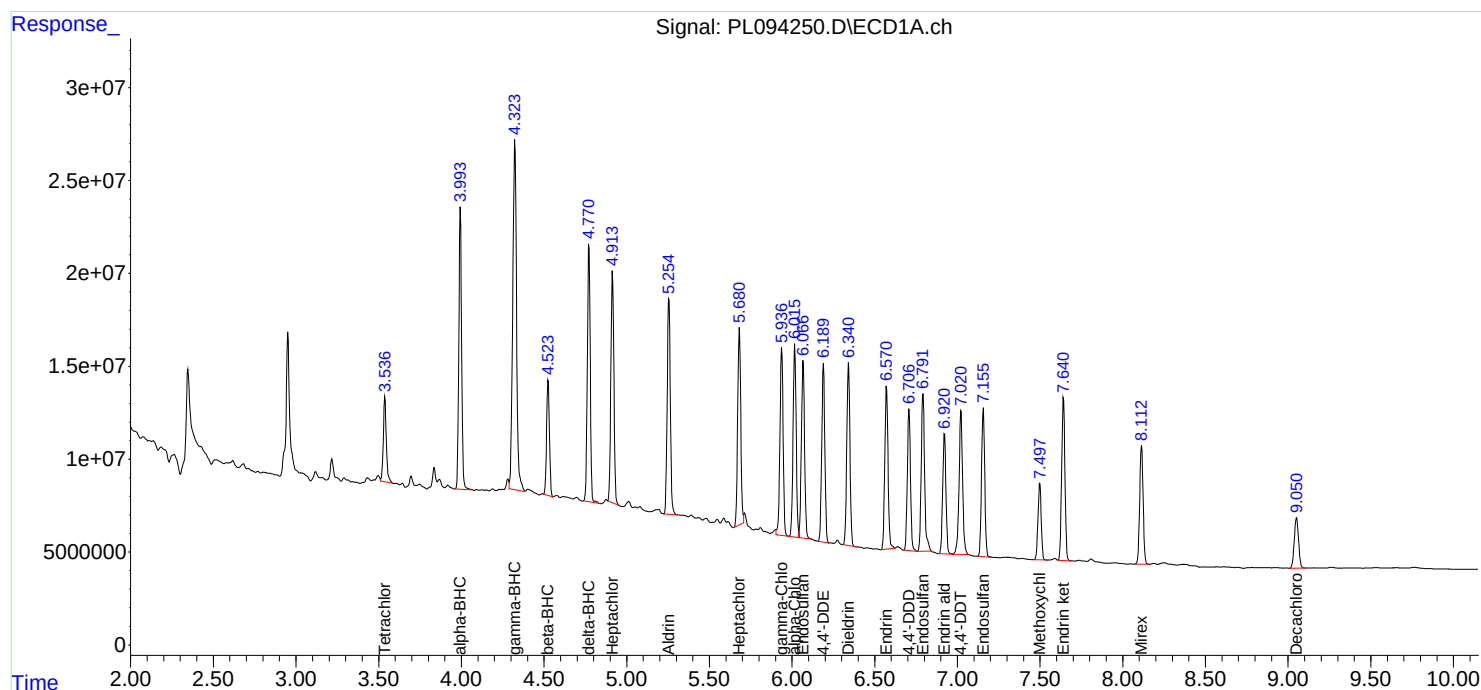
Instrument :
ECD_L
ClientSampleId :
VB27161MSD

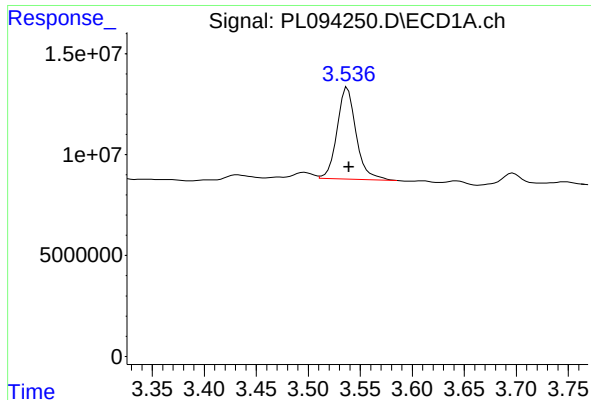
Manual Integrations
APPROVED

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Supervised By : Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:32:45 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





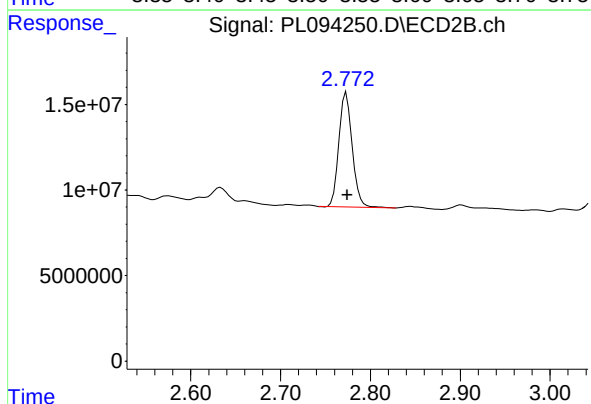
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 57710472
Conc: 21.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

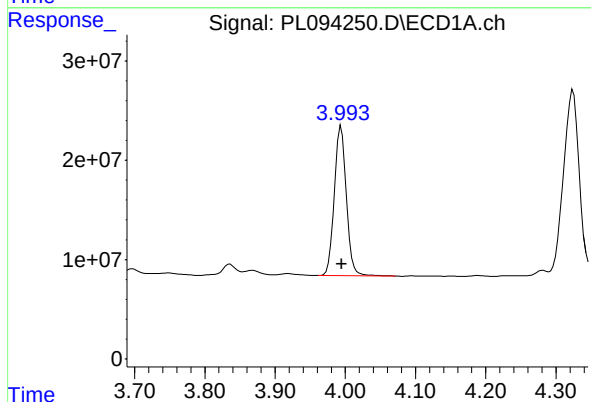
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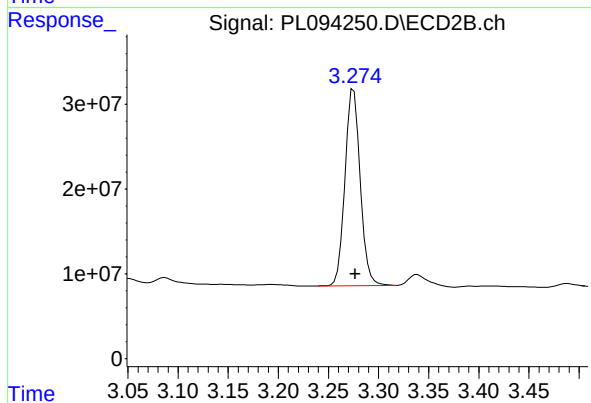
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 69072956
Conc: 21.16 ng/ml



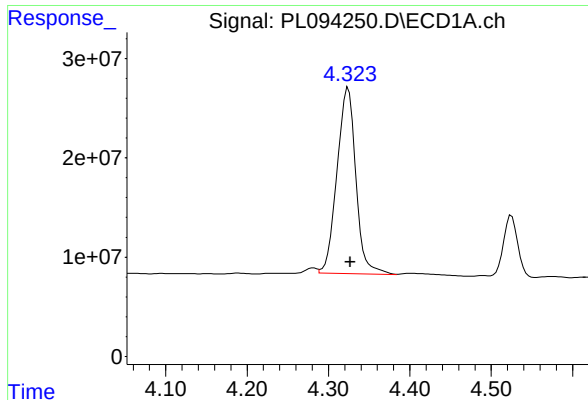
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 179309938
Conc: 46.77 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.002 min
Response: 245460154
Conc: 50.21 ng/ml



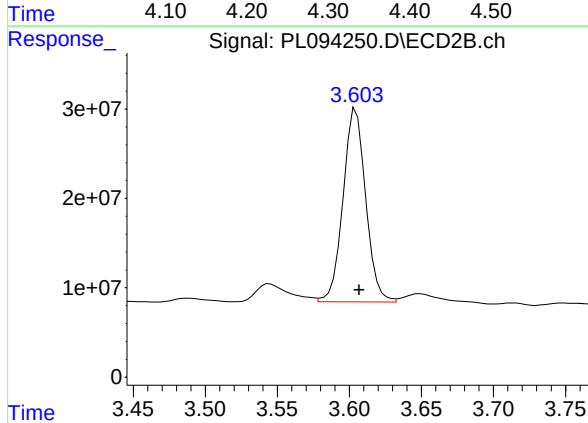
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 301013583
Conc: 81.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

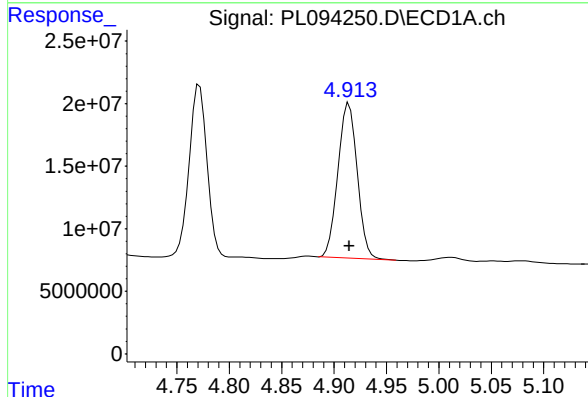
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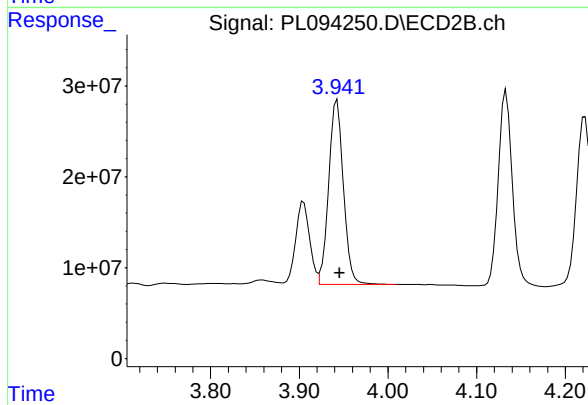
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.004 min
Response: 235129515
Conc: 49.59 ng/ml



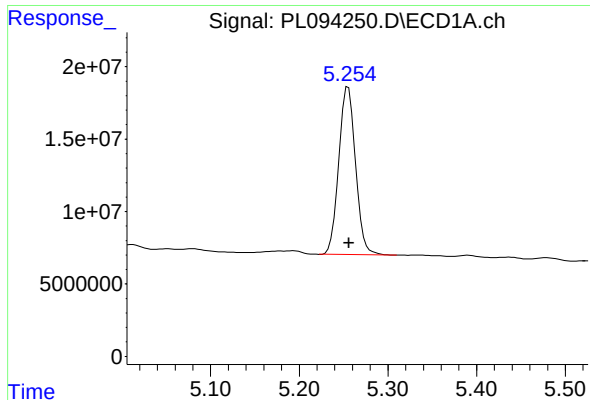
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 158773841
Conc: 48.45 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: -0.003 min
Response: 234483905
Conc: 50.37 ng/ml



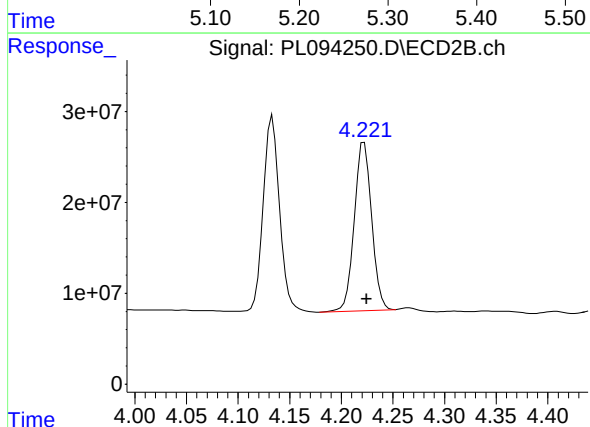
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 151669538
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

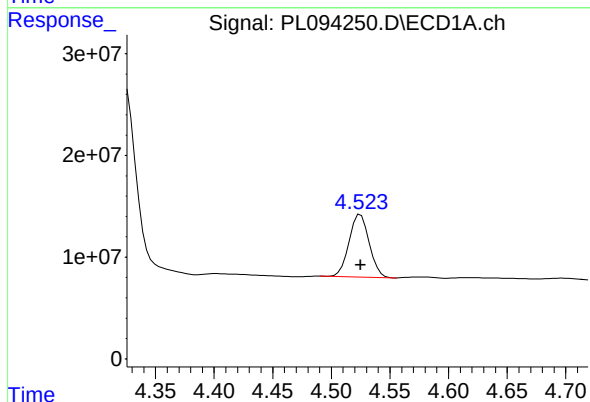
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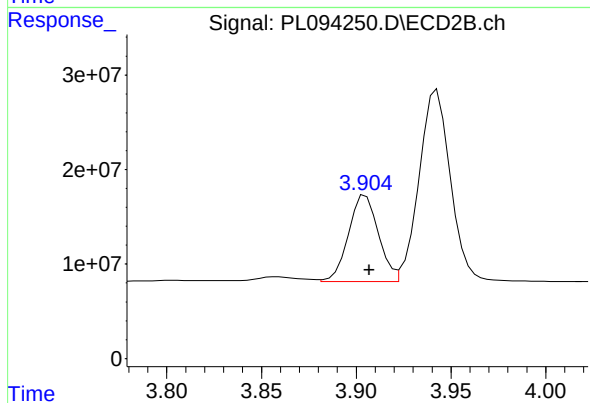
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.002 min
Response: 216962958
Conc: 47.56 ng/ml



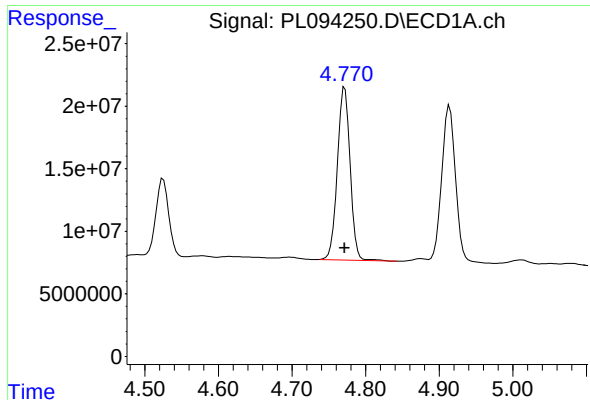
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 73493998
Conc: 45.72 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 100398545
Conc: 50.26 ng/ml



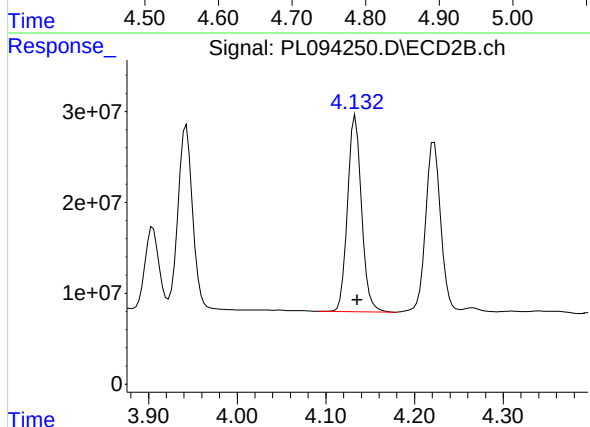
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 166629652
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

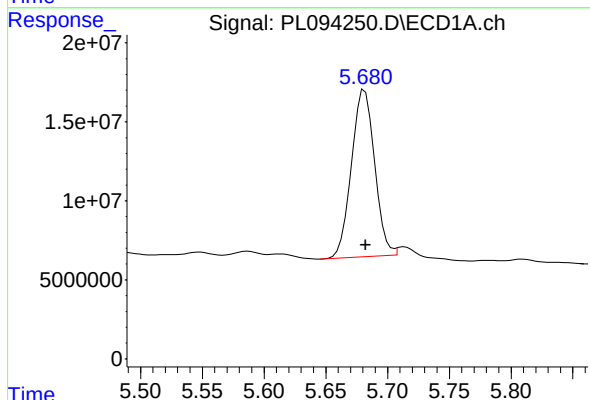
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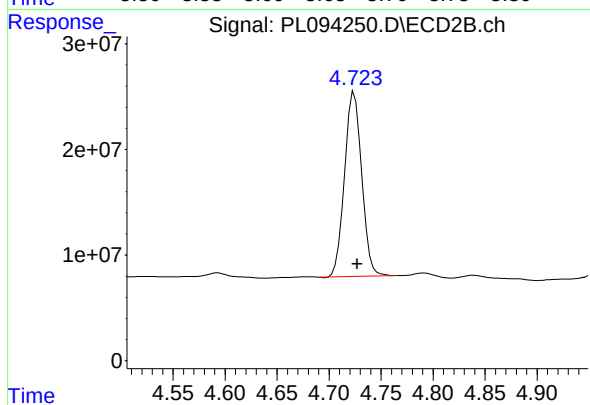
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: -0.002 min
Response: 237496635
Conc: 49.99 ng/ml



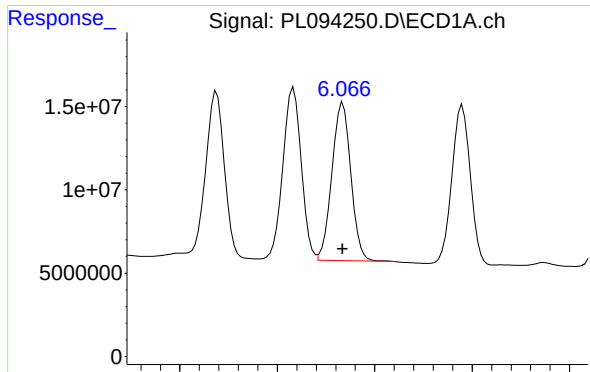
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 138315258
Conc: 46.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: -0.003 min
Response: 201304653
Conc: 48.16 ng/ml



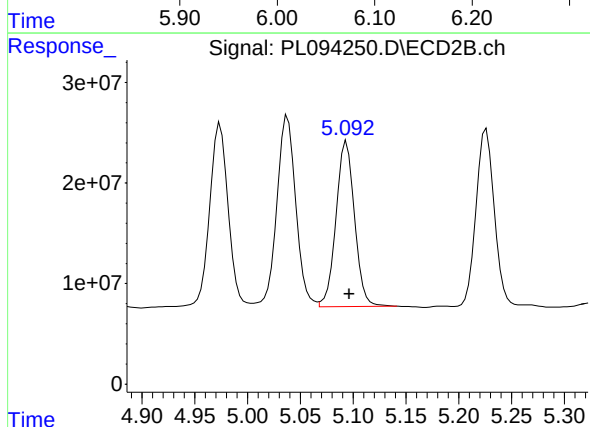
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 127726348
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

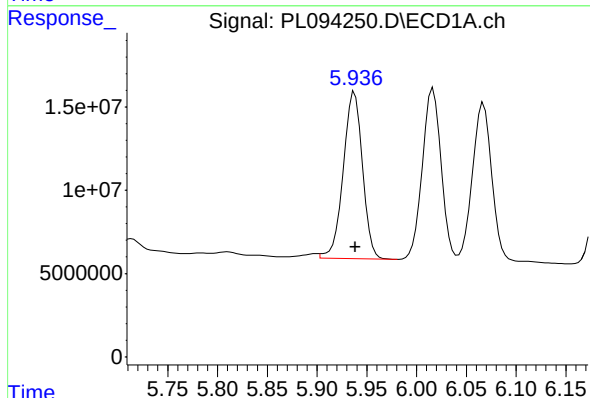
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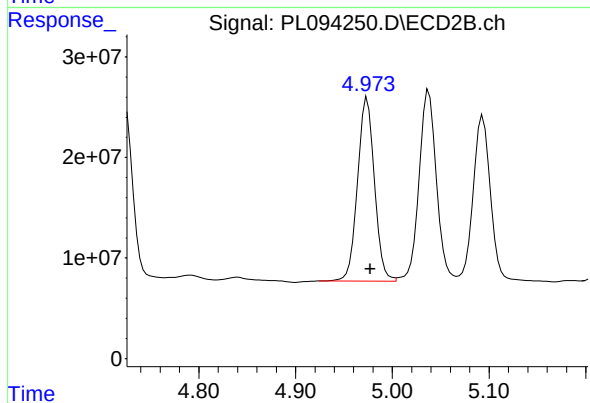
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: -0.003 min
Response: 200521393
Conc: 51.72 ng/ml



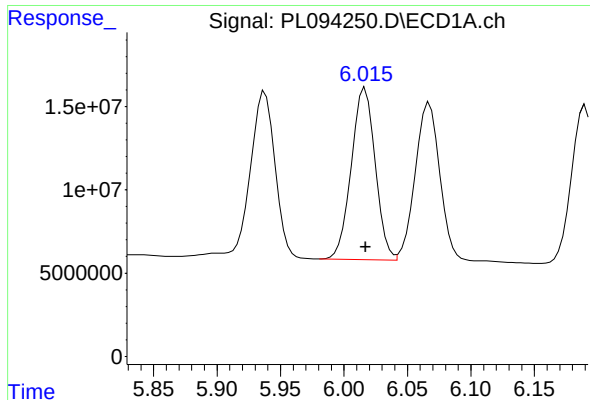
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.002 min
Response: 134956751
Conc: 48.42 ng/ml m



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.005 min
Response: 222166770
Conc: 52.43 ng/ml m



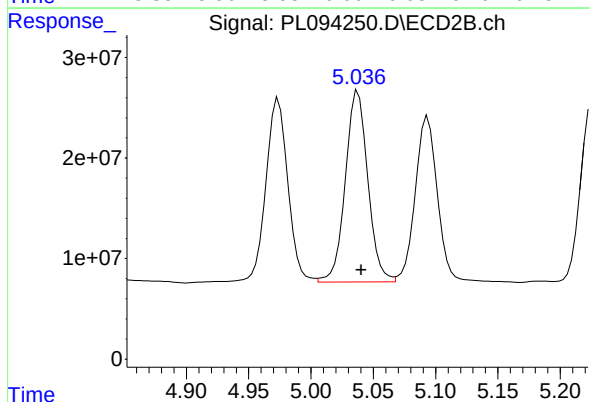
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 135199563
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

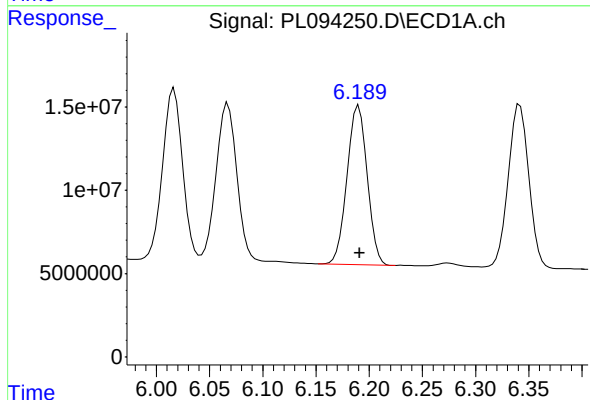
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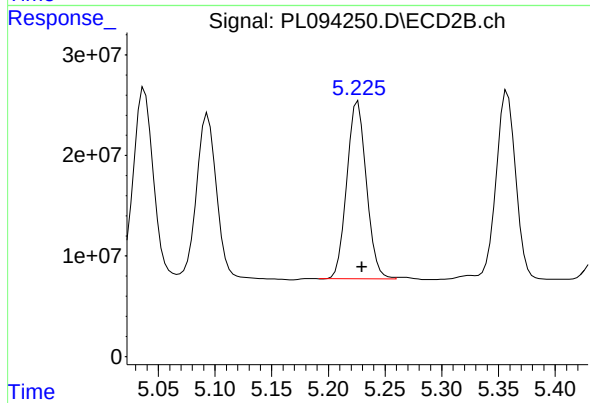
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.003 min
Response: 238546464
Conc: 56.98 ng/ml



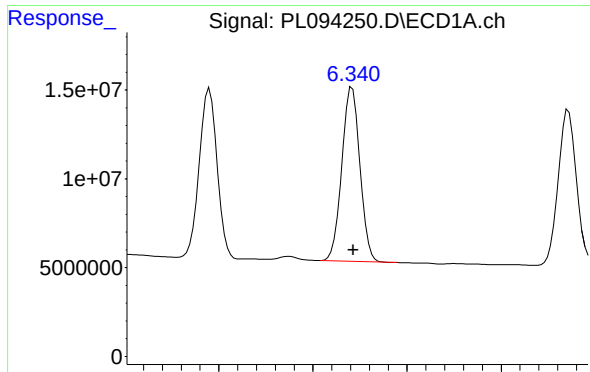
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.001 min
Response: 125515629
Conc: 51.55 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: -0.004 min
Response: 212181342
Conc: 52.92 ng/ml



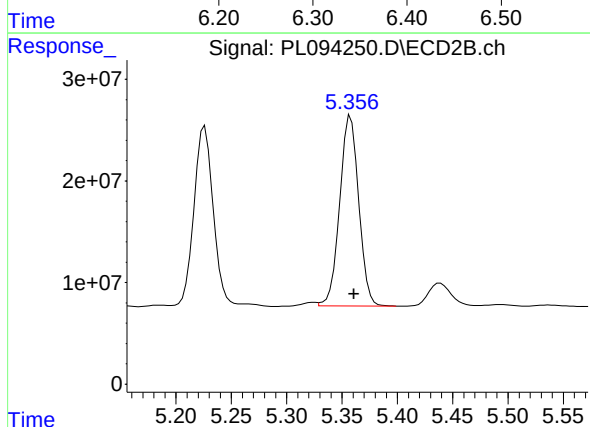
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 130936407
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

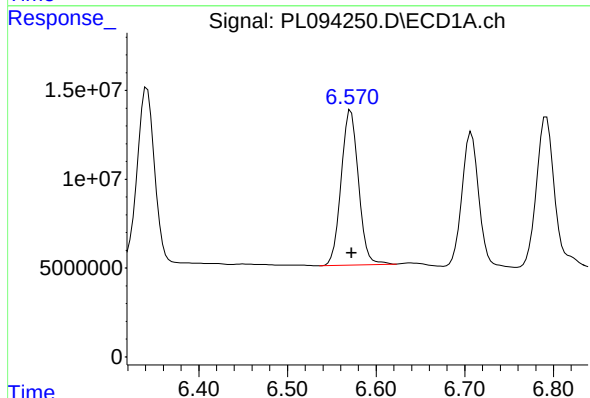
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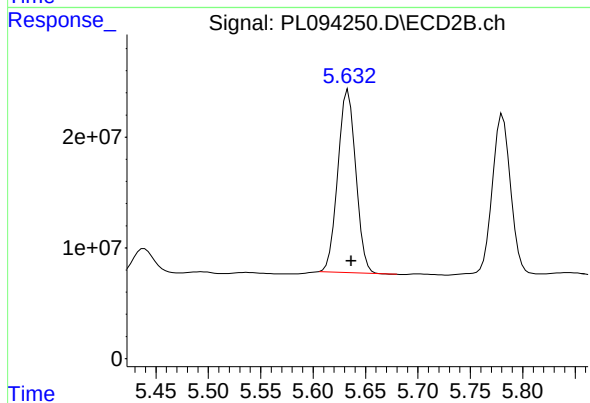
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 224257589
Conc: 52.21 ng/ml



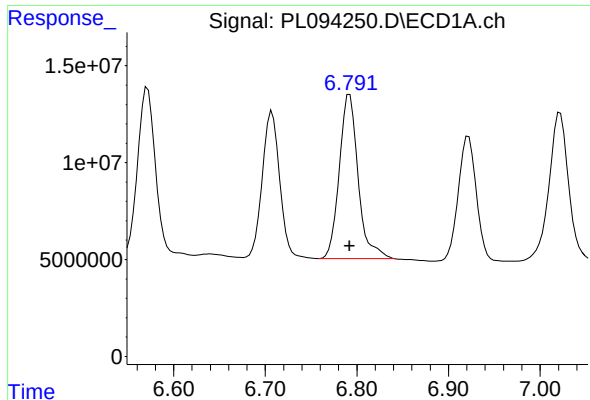
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 118459439
Conc: 50.52 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.003 min
Response: 196170366
Conc: 53.12 ng/ml



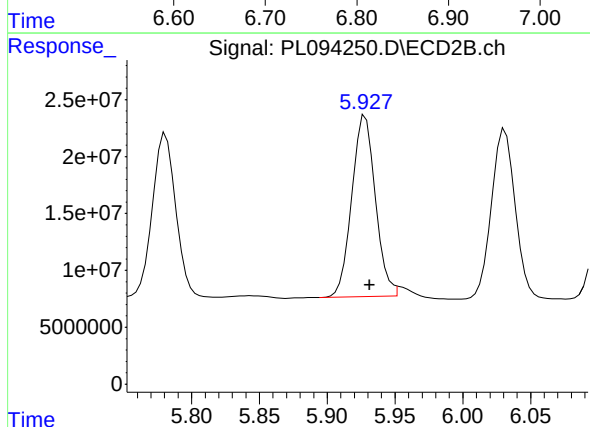
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 121424202
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

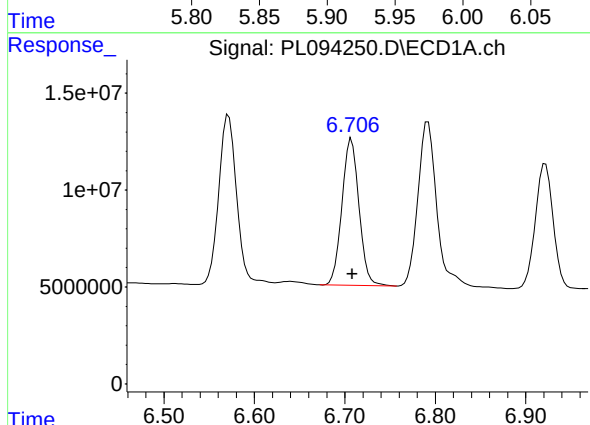
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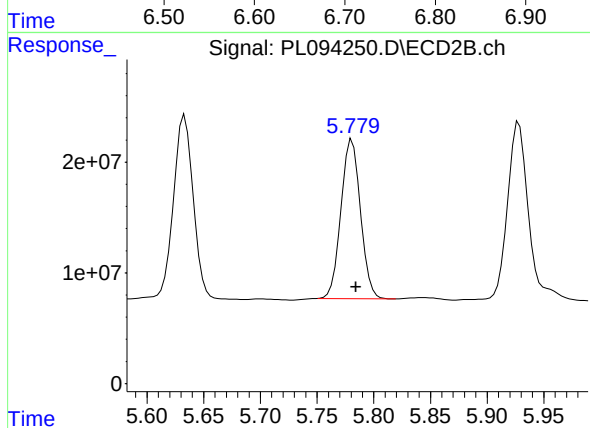
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.005 min
Response: 193116458
Conc: 52.14 ng/ml m



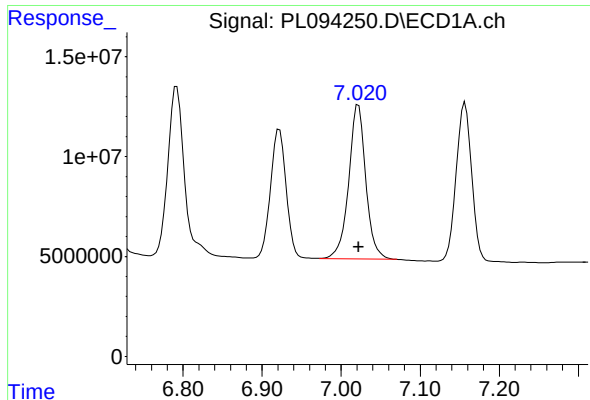
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 99488453
Conc: 52.35 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.003 min
Response: 172180369
Conc: 54.55 ng/ml



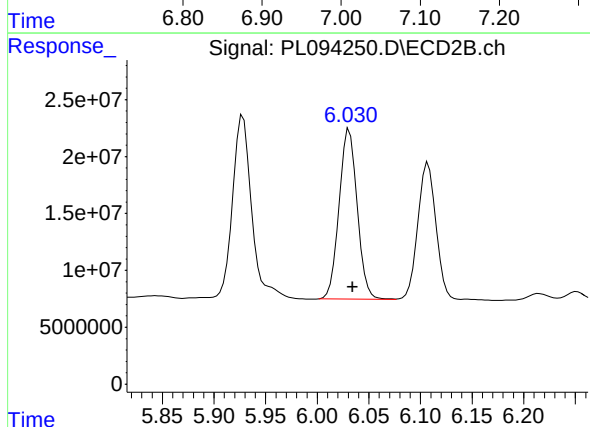
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 116131927
Conc: 58.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

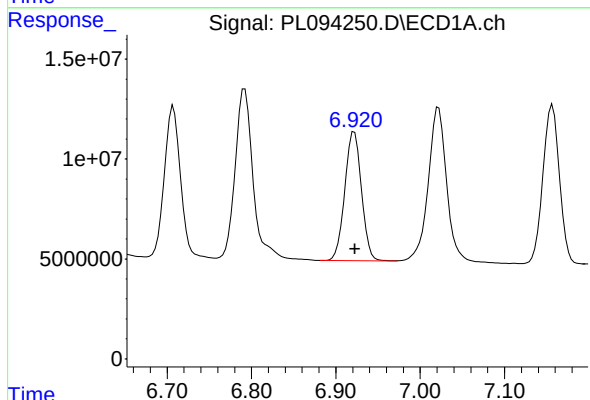
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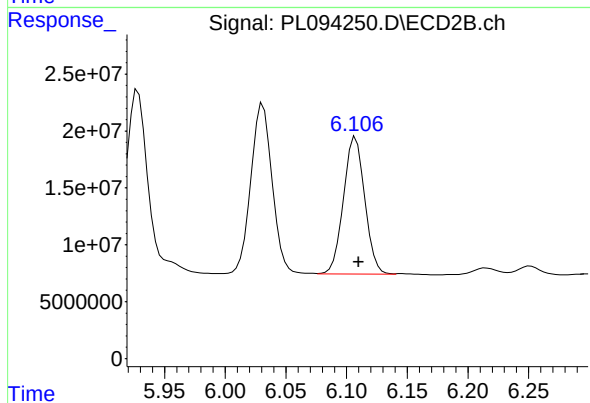
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 182601324
Conc: 56.12 ng/ml



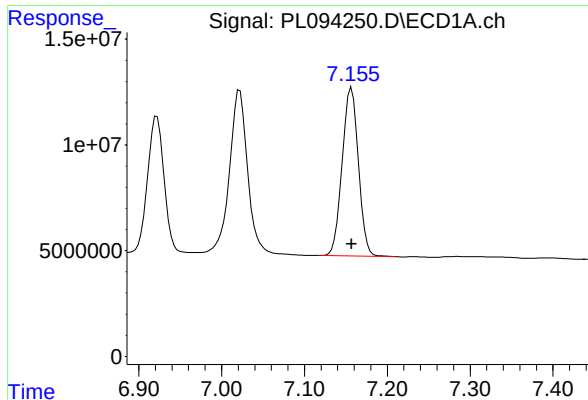
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 88993277
Conc: 45.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 146730727
Conc: 48.19 ng/ml



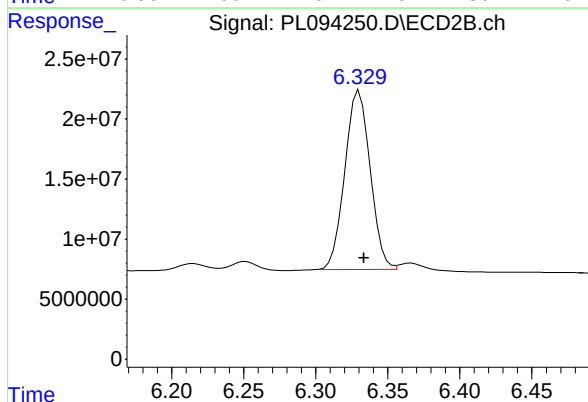
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 108567561
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

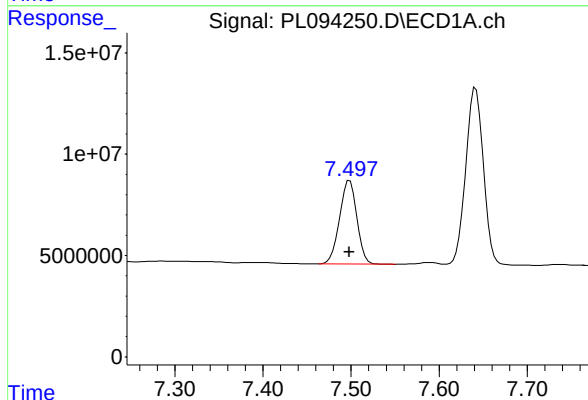
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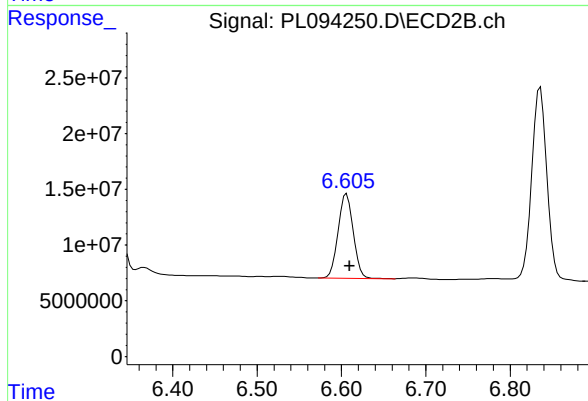
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.003 min
Response: 182154818
Conc: 51.08 ng/ml



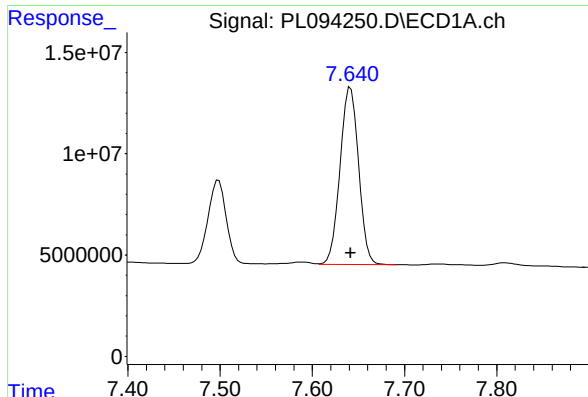
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 56301917
Conc: 53.96 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: -0.003 min
Response: 94746595
Conc: 52.99 ng/ml



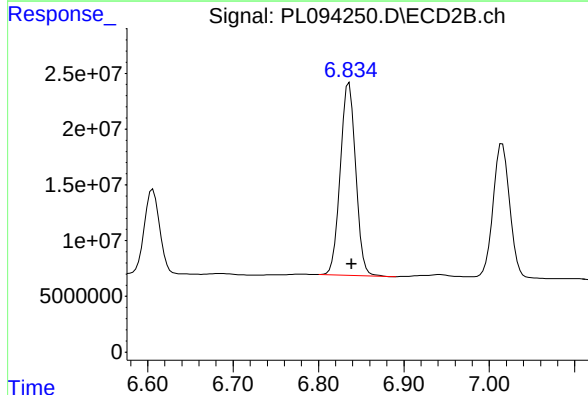
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 121784370
Conc: 48.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

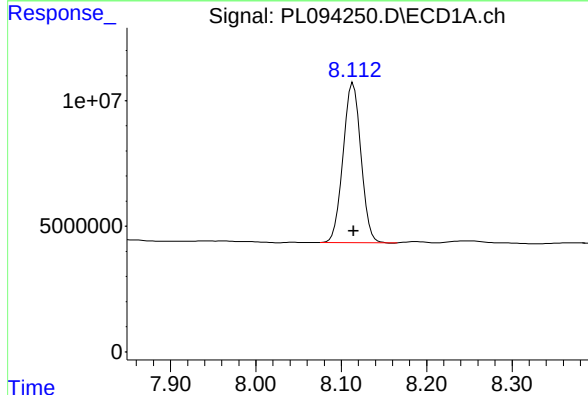
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Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



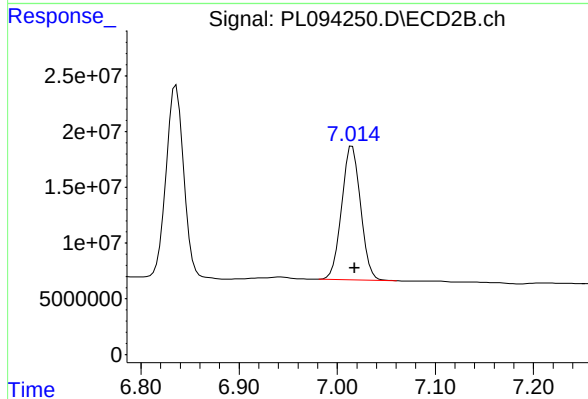
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 215133330
Conc: 51.28 ng/ml



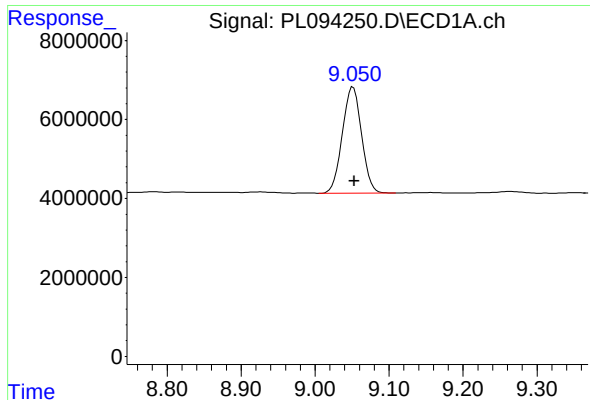
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 92374416
Conc: 44.36 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 160984440
Conc: 47.60 ng/ml



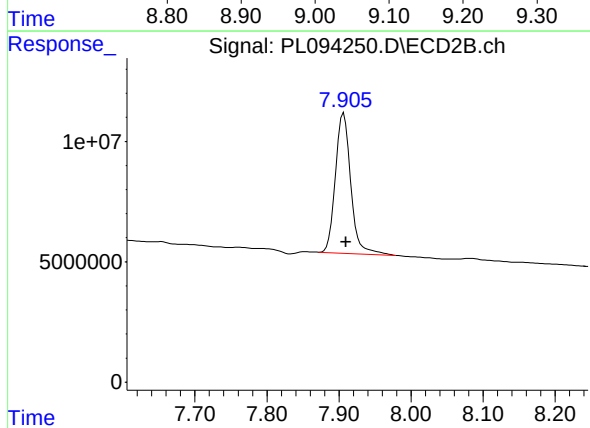
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.001 min
Response: 48600221
Conc: 23.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
VB27161MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: -0.003 min
Response: 85619407
Conc: 24.43 ng/ml