

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
 Data File : PL095615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2025 17:36
 Operator : AR\AJ
 Sample : Q1983-31MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-636-COMP-06MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 23:15:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.907	54196261	68969439	16.601	21.690 #
2) SA Decachlor...	9.116	8.085	44239748	60505797	15.966	20.446 #
Target Compounds						
2) A alpha-BHC	4.044	3.417	236.5E6	308.0E6	47.751	69.225 #
3) MA gamma-BHC...	4.373	3.750	226.8E6	290.4E6	47.912m	66.021 #
4) MA Heptachlor	4.972	4.103	228.0E6	294.8E6	49.851	67.656 #
5) MB Aldrin	5.313	4.387	233.1E6	286.9E6	50.758m	69.709m#
6) B beta-BHC	4.560	4.043	99346019	126.2E6	48.051	60.775 #
7) B delta-BHC	4.808	4.280	225.0E6	305.8E6	48.386m	69.786 #
8) B Heptachlo...	5.735	4.891	210.9E6	266.8E6	52.657	69.068 #
9) A Endosulfan I	6.119	5.265	200.5E6	249.3E6	52.807	68.112 #
10) B gamma-Chl...	5.989	5.144	224.6E6	297.1E6	55.059	73.319 #
11) B alpha-Chl...	6.071	5.209	233.0E6	285.2E6	57.295	71.636 #
12) B 4,4'-DDE	6.239	5.393	212.7E6	278.0E6	54.258	68.351m#
13) MA Dieldrin	6.391	5.530	202.8E6	289.3E6	52.622	71.140 #
14) MA Endrin	6.619	5.804	168.2E6	257.5E6	52.802	70.714m#
15) B Endosulfa...	6.831	6.096	171.8E6	255.6E6	53.832	71.182 #
16) A 4,4'-DDD	6.748	5.947	159.2E6	232.2E6	56.245	71.089 #
17) MA 4,4'-DDT	7.064	6.201	156.3E6	248.8E6	54.856	72.396 #
18) B Endrin al...	6.959	6.272	125.5E6	178.4E6	54.096	68.281m#
19) B Endosulfa...	7.194	6.495	151.9E6	225.1E6	54.224	67.842m#
20) A Methoxychlor	7.535	6.770	73667933	131.9E6	52.804	69.130m#
21) B Endrin ke...	7.675	7.003	148.9E6	263.9E6	52.243	74.943 #
22) Mirex	8.157	7.197	119.7E6	193.0E6	50.360	66.946m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
Data File : PL095615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2025 17:36
Operator : AR\AJ
Sample : Q1983-31MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

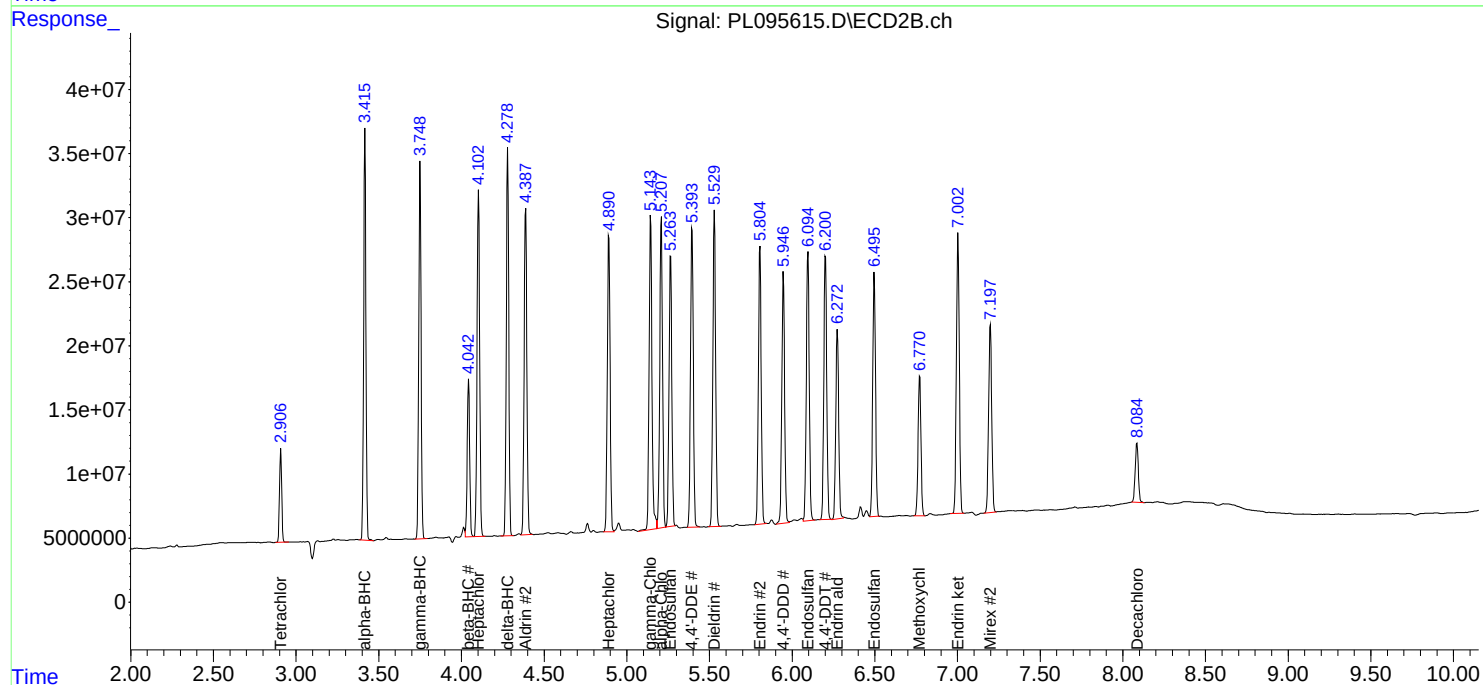
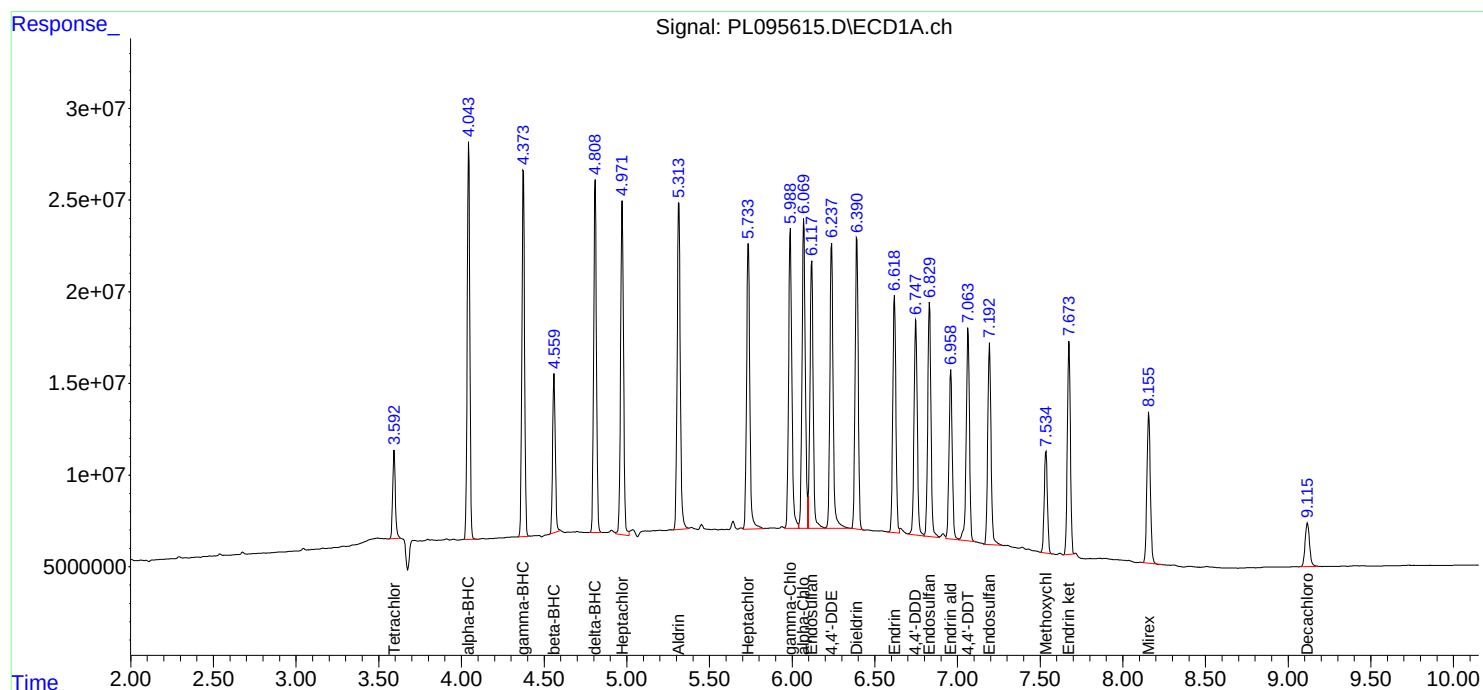
Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

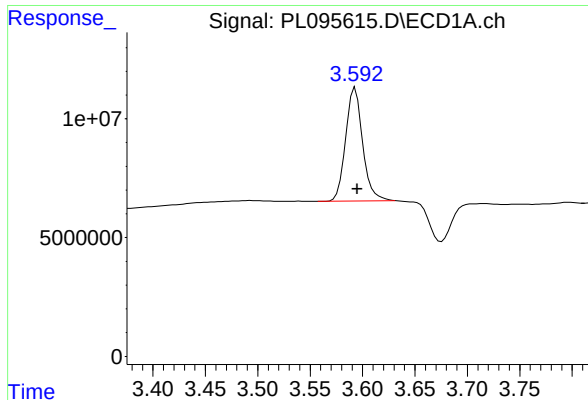
Manual Integrations
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Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 23:15:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





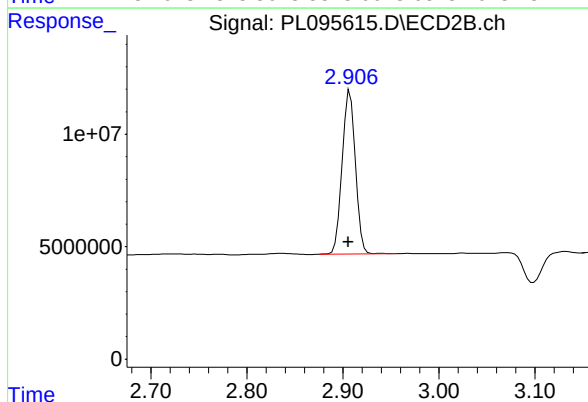
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 54196261
Conc: 16.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

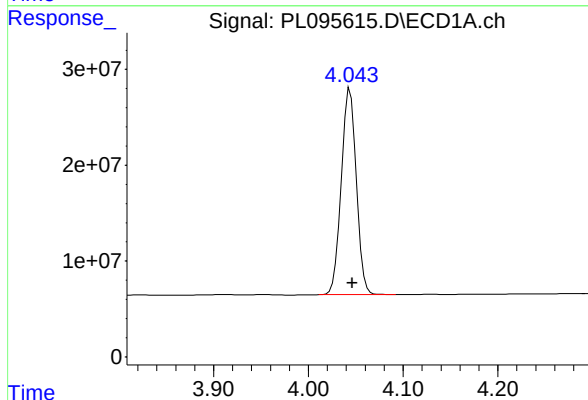
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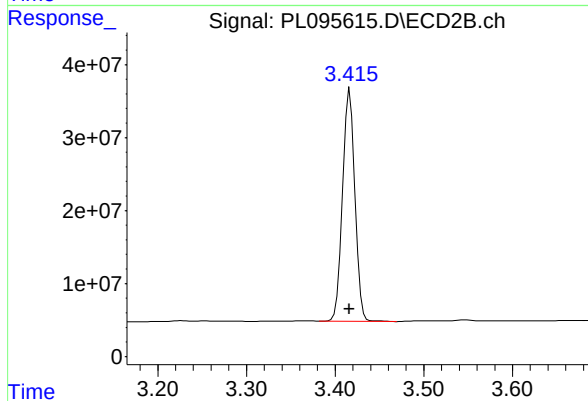
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.002 min
Response: 68969439
Conc: 21.69 ng/ml



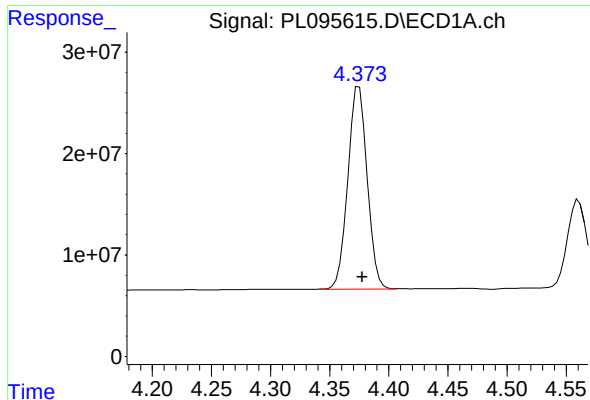
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 236546481
Conc: 47.75 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 307964194
Conc: 69.23 ng/ml



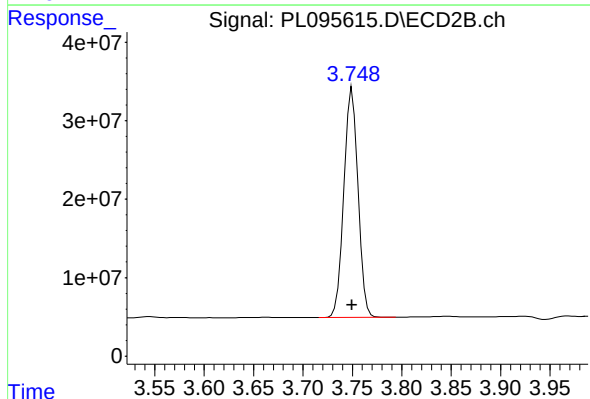
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 226813567
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

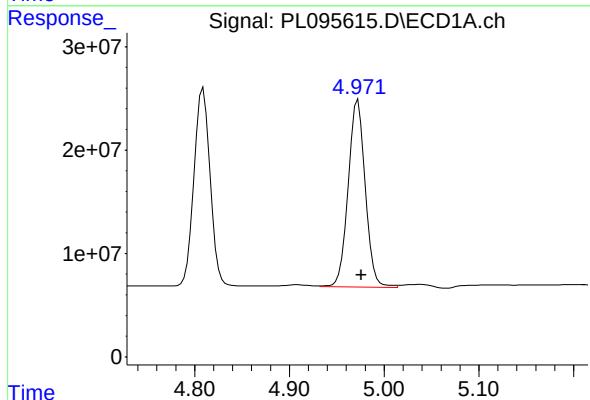
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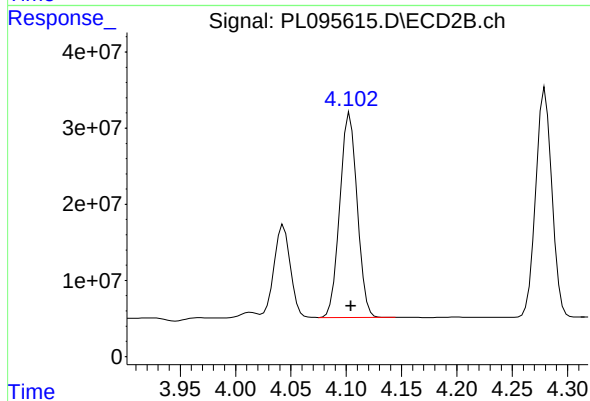
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 290374318
Conc: 66.02 ng/ml



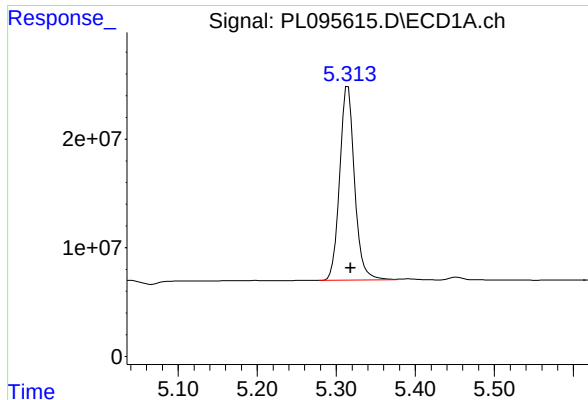
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 228041668
Conc: 49.85 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 294756403
Conc: 67.66 ng/ml



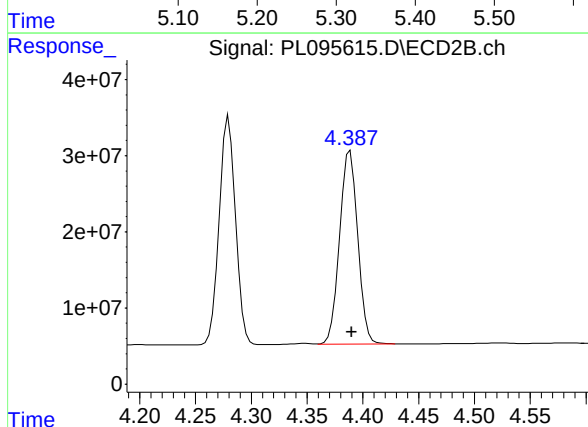
#5 Aldrin

R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 233131629
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

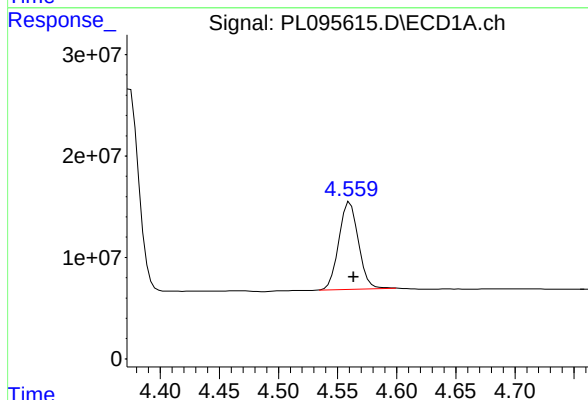
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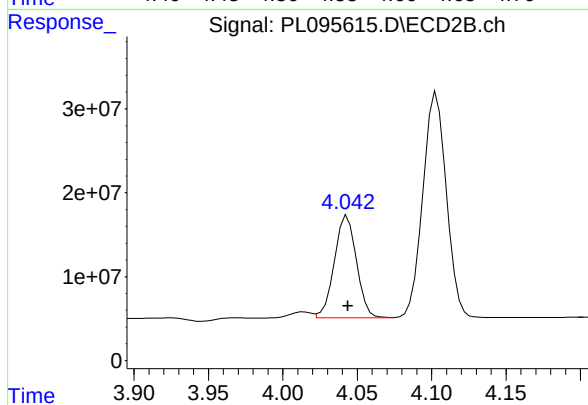
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 286901748
Conc: 69.71 ng/ml m



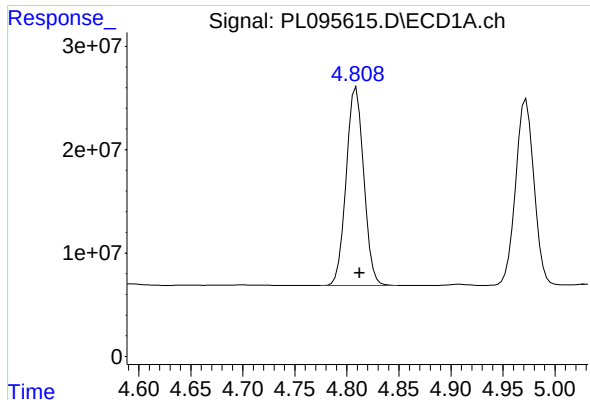
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 99346019
Conc: 48.05 ng/ml



#6 beta-BHC

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 126159771
Conc: 60.77 ng/ml



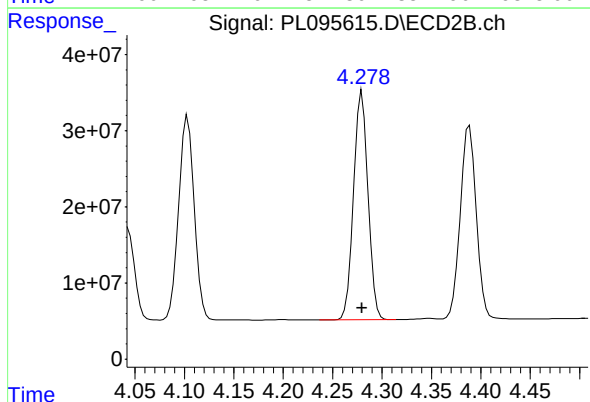
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 225026092
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

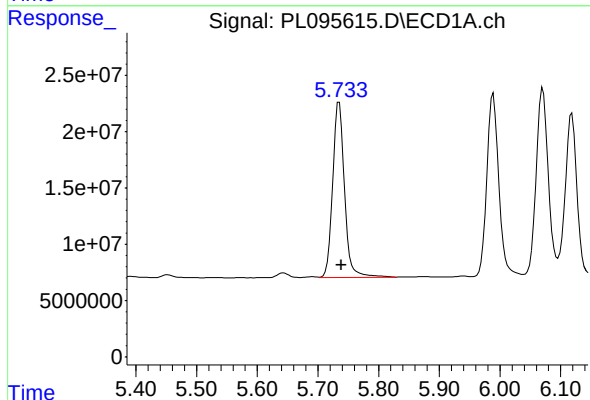
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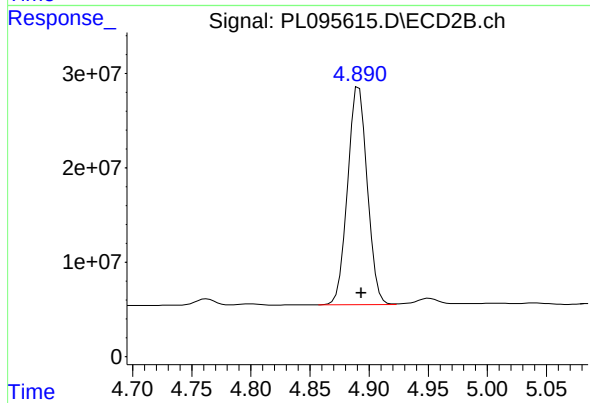
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 305799153
Conc: 69.79 ng/ml



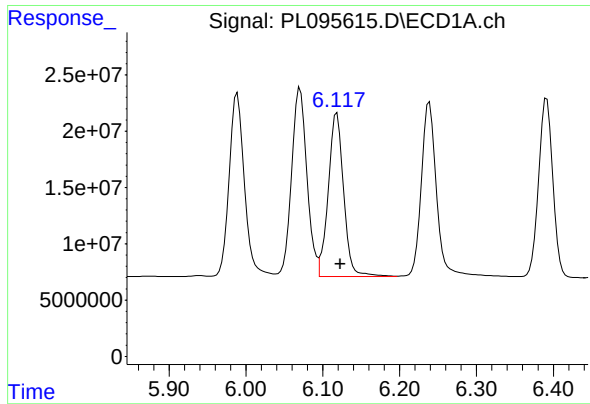
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 210897884
Conc: 52.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 266788071
Conc: 69.07 ng/ml



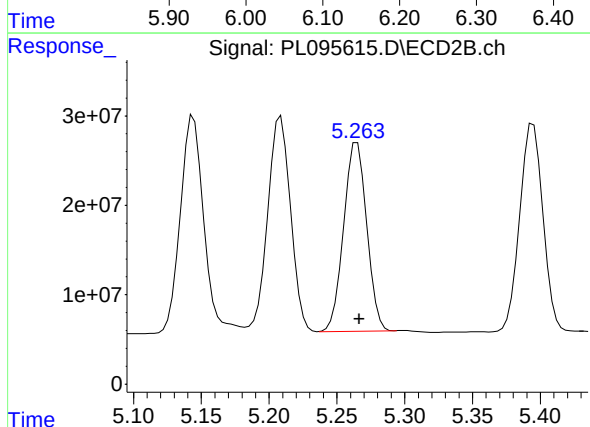
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 200535706
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

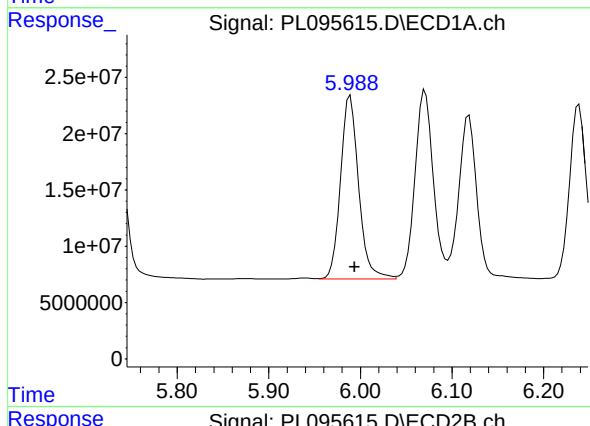
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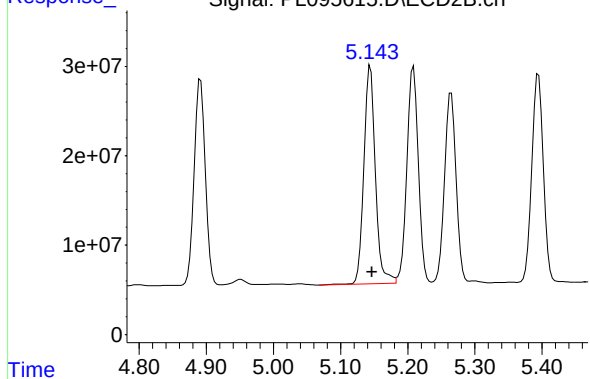
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 249319805
Conc: 68.11 ng/ml



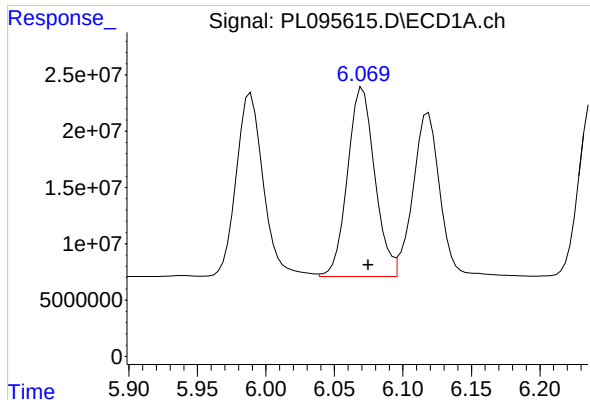
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 224603629
Conc: 55.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 297135813
Conc: 73.32 ng/ml



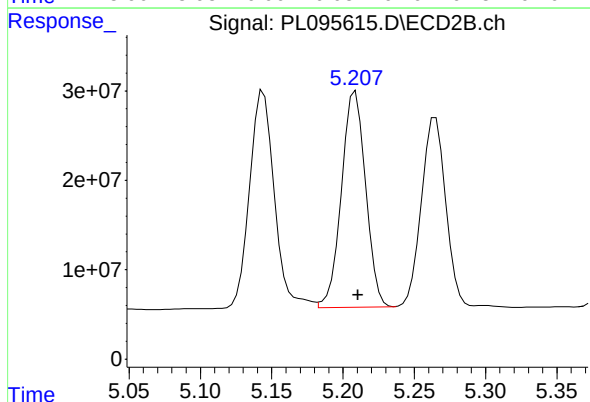
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 232965119
Conc: 57.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

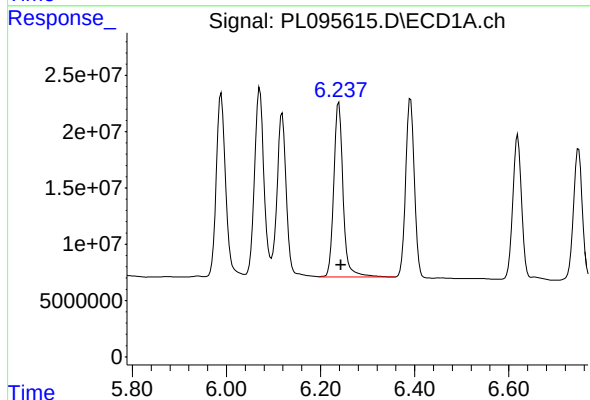
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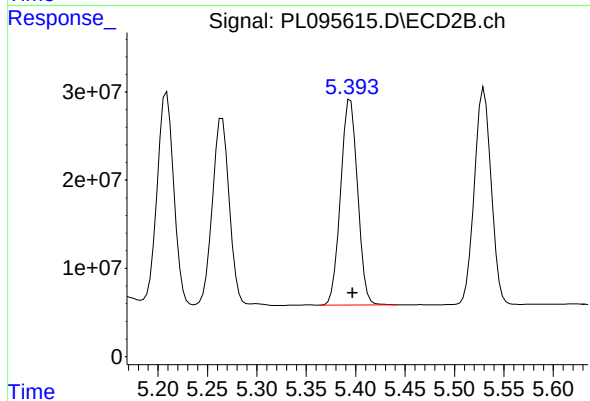
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 285188192
Conc: 71.64 ng/ml



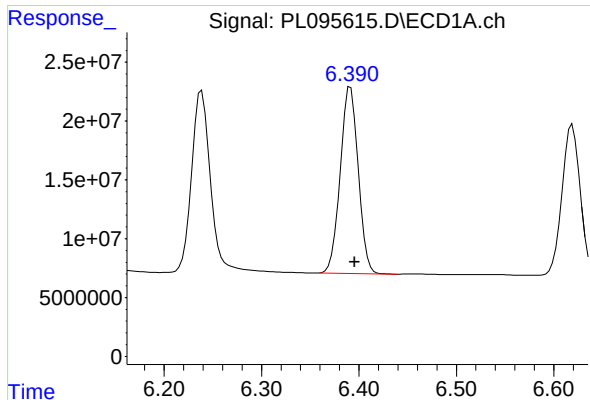
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 212719565
Conc: 54.26 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 277980327
Conc: 68.35 ng/ml m



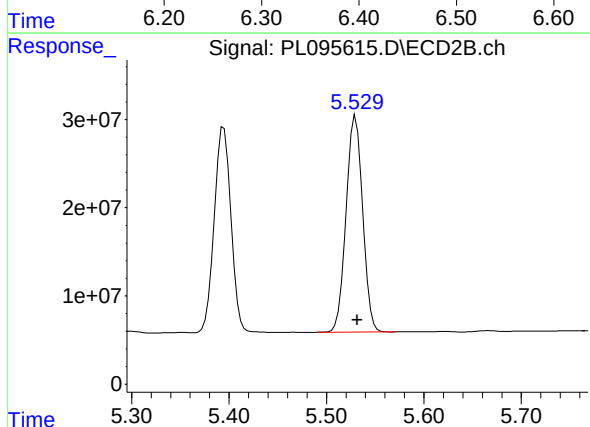
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 202849323
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

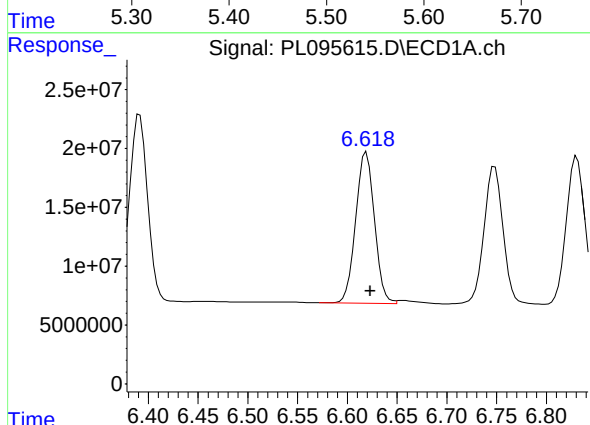
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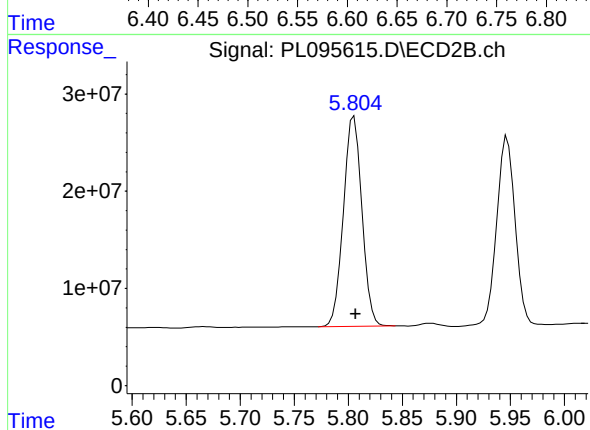
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 289333693
Conc: 71.14 ng/ml



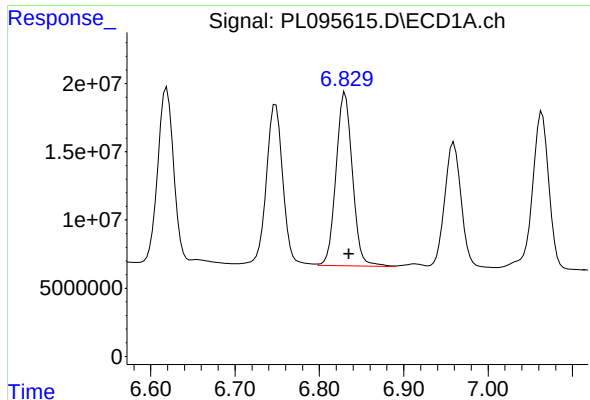
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 168161808
Conc: 52.80 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 257451358
Conc: 70.71 ng/ml m



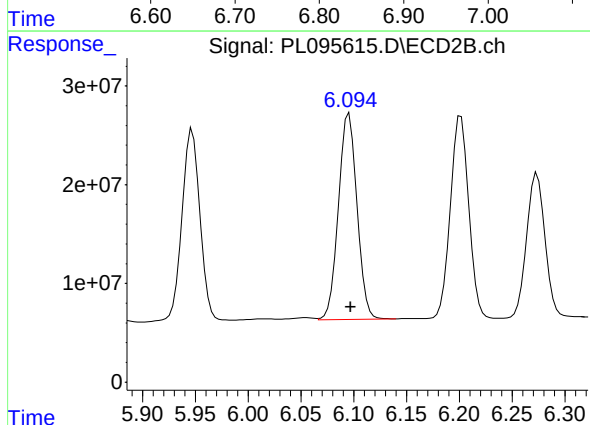
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 171838735
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
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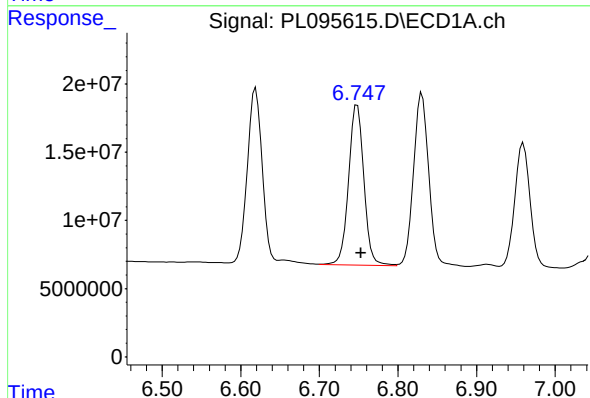
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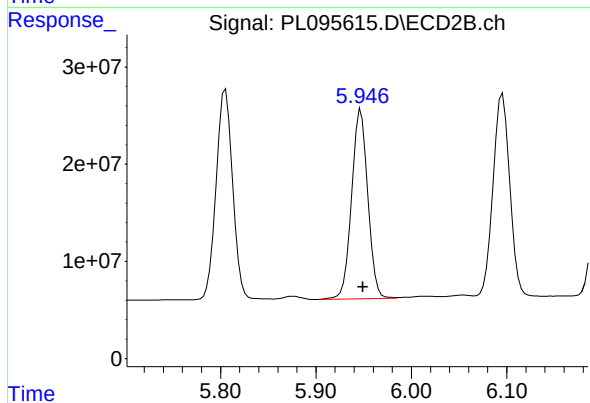
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 255623385
Conc: 71.18 ng/ml



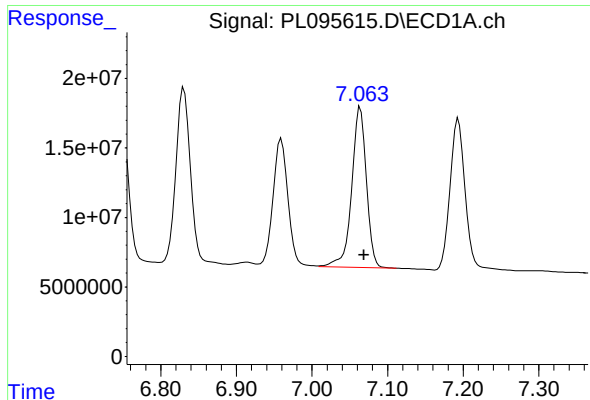
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 159226548
Conc: 56.24 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 232234289
Conc: 71.09 ng/ml



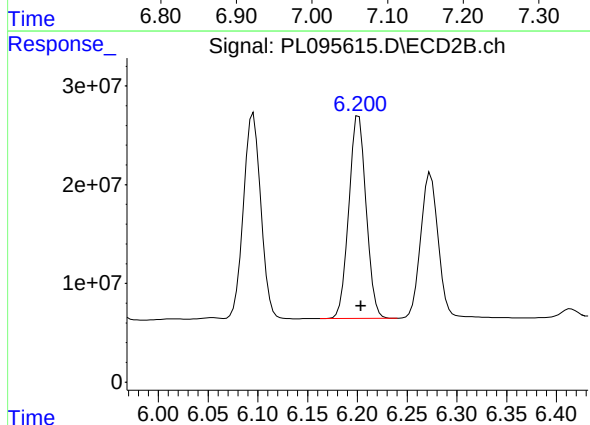
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 156262512
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

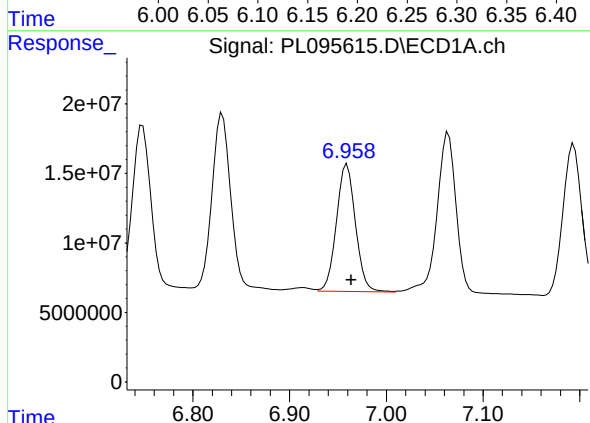
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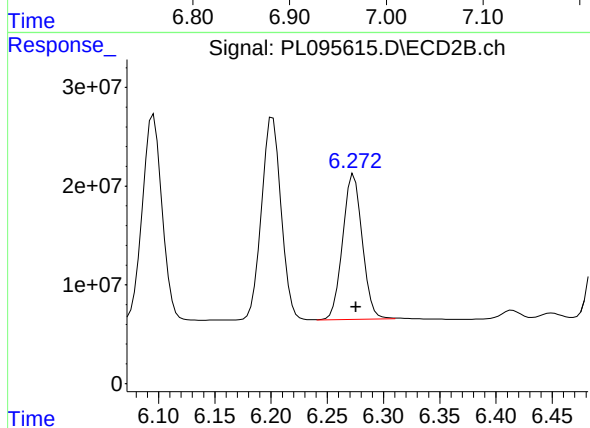
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 248764503
Conc: 72.40 ng/ml



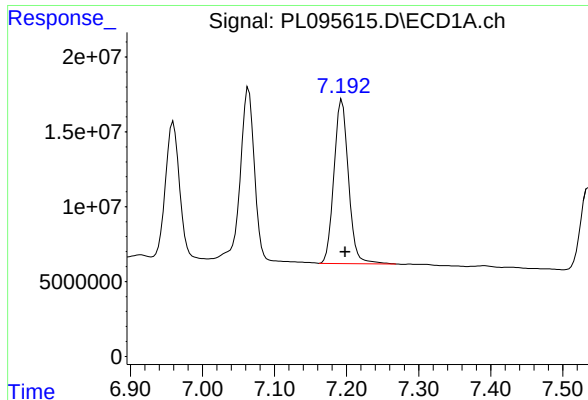
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.004 min
Response: 125546318
Conc: 54.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 178428327
Conc: 68.28 ng/ml m



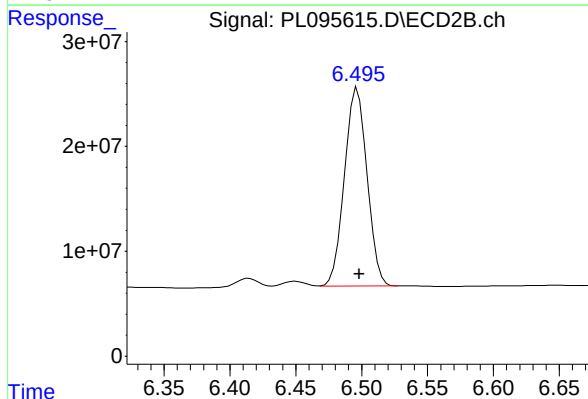
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.005 min
Response: 151924906
Conc: 54.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

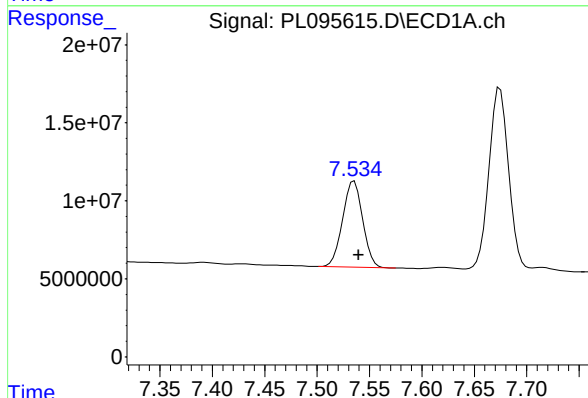
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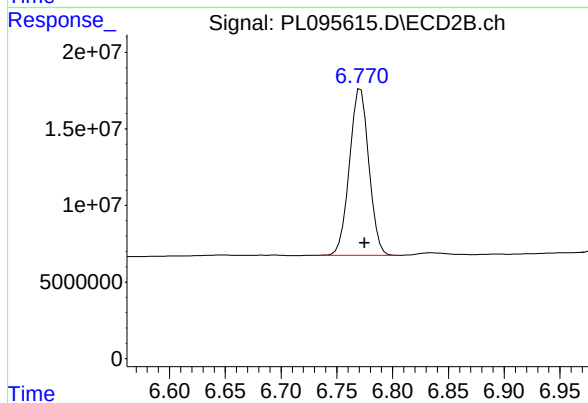
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 225096636
Conc: 67.84 ng/ml m



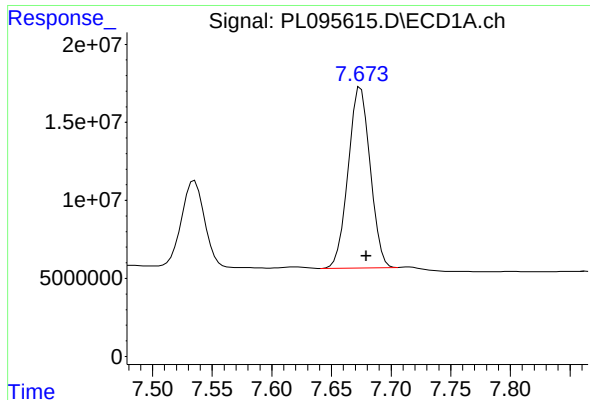
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 73667933
Conc: 52.80 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.005 min
Response: 131860834
Conc: 69.13 ng/ml m



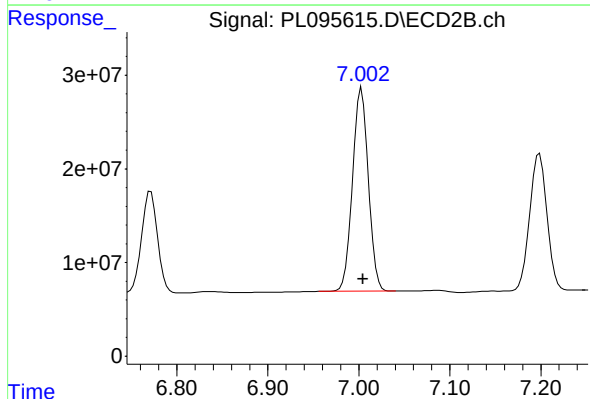
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 148937251
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

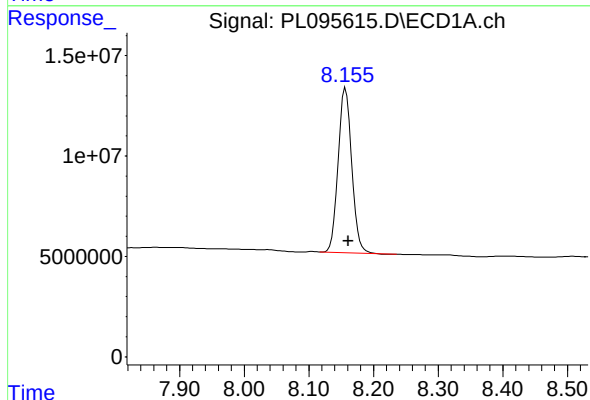
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



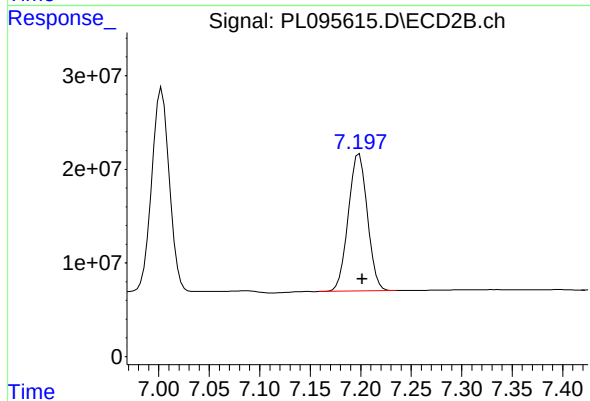
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.001 min
Response: 263895899
Conc: 74.94 ng/ml



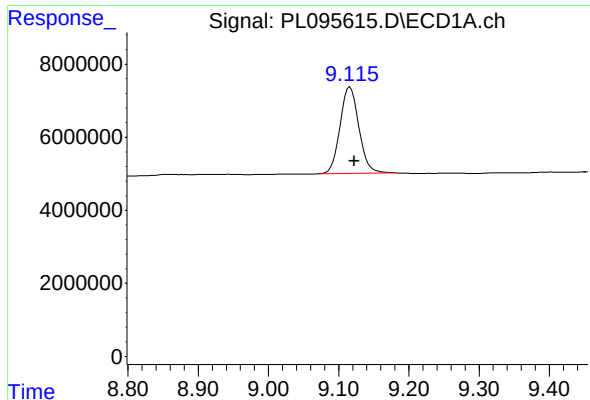
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 119658482
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.004 min
Response: 192966246
Conc: 66.95 ng/ml m



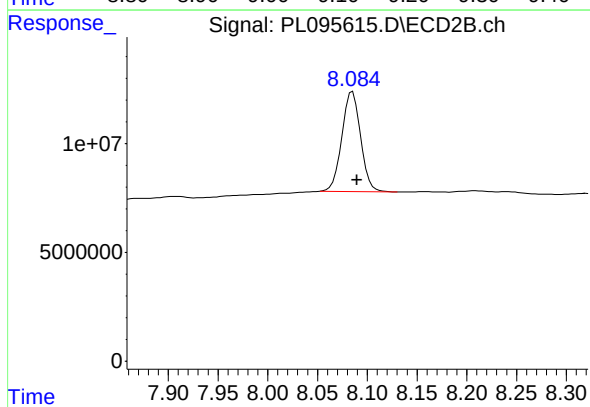
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.006 min
Response: 44239748
Conc: 15.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-636-COMP-06MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 60505797
Conc: 20.45 ng/ml