

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
 Data File : PL095515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 14:13
 Operator : AR\AJ
 Sample : Q1922-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-RMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/02/2025
 Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 01:32:18 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	2.910	59652230	68280633	18.272	21.474
2) SA Decachlor...	9.115	8.084	42671523	51212609	15.400	17.306m
Target Compounds						
2) A alpha-BHC	4.044	3.419	238.2E6	282.4E6	48.082	63.490 #
3) MA gamma-BHC...	4.373	3.752	227.6E6	266.1E6	48.075m	60.509 #
4) MA Heptachlor	4.973	4.106	208.5E6	249.5E6	45.584	57.257 #
5) MB Aldrin	5.314	4.390	232.7E6	252.3E6	50.671m	61.307m
6) B beta-BHC	4.561	4.045	96020729	117.5E6	46.443	56.607
7) B delta-BHC	4.808	4.282	220.5E6	269.7E6	47.411m	61.536 #
8) B Heptachlo...	5.735	4.893	199.7E6	228.6E6	49.860	59.187
9) A Endosulfan I	6.118	5.266	190.8E6	215.2E6	50.242	58.804
10) B gamma-Chl...	5.990	5.146	204.9E6	238.6E6	50.225	58.886
11) B alpha-Chl...	6.071	5.211	201.9E6	230.8E6	49.656	57.968
12) B 4,4'-DDE	6.239	5.397	195.9E6	232.6E6	49.962	57.195
13) MA Dieldrin	6.391	5.531	187.4E6	237.9E6	48.610	58.492
14) MA Endrin	6.617	5.805	154.0E6	212.3E6	48.358m	58.314m
15) B Endosulfa...	6.831	6.096	164.8E6	205.6E6	51.622	57.255
16) A 4,4'-DDD	6.747	5.948	141.1E6	193.0E6	49.827m	59.089
17) MA 4,4'-DDT	7.064	6.202	130.4E6	182.6E6	45.777	53.128
18) B Endrin al...	6.960	6.274	108.3E6	133.7E6	46.651	51.166
19) B Endosulfa...	7.193	6.496	137.9E6	176.3E6	49.231	53.135m
20) A Methoxychlor	7.534	6.772	59633270	96255299	42.744	50.463
21) B Endrin ke...	7.675	7.003	130.1E6	202.6E6	45.640	57.543 #
22) Mirex	8.156	7.198	113.6E6	148.8E6	47.818	51.632m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050425\
Data File : PL095515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 14:13
Operator : AR\AJ
Sample : Q1922-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

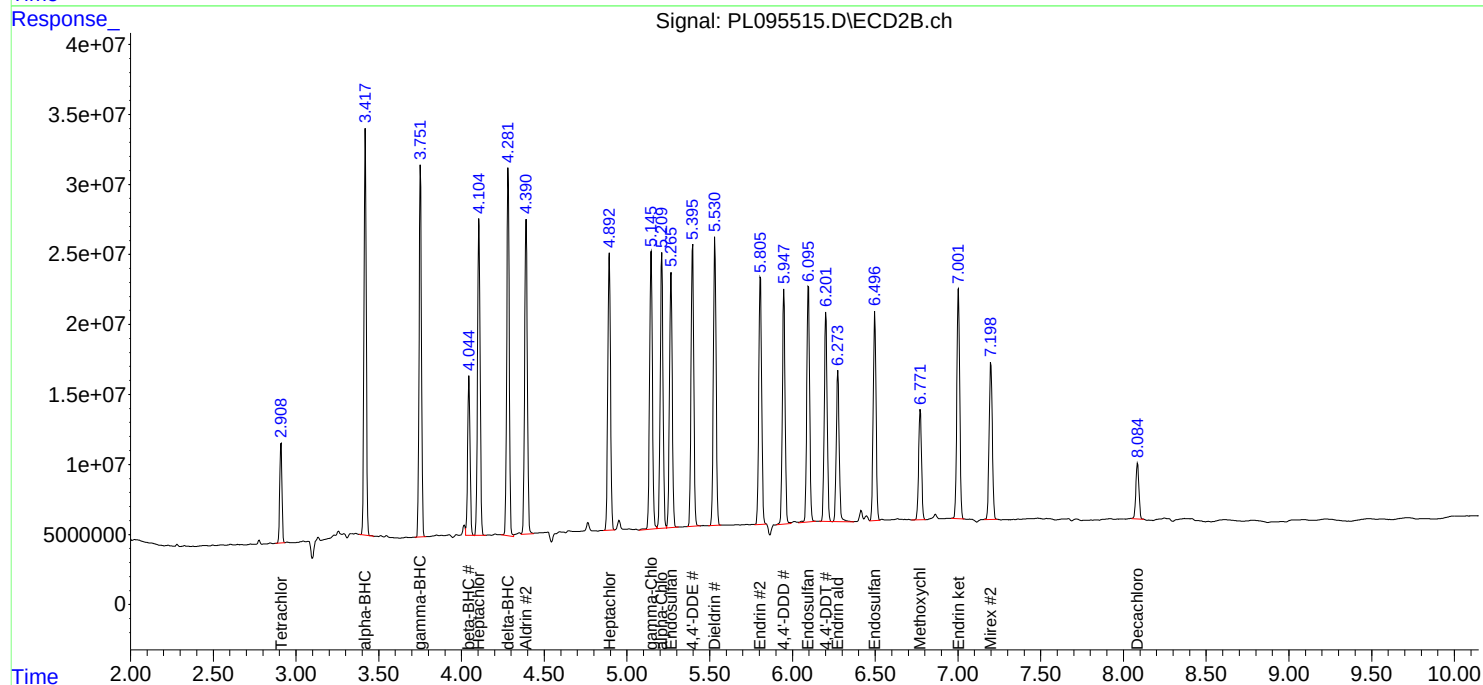
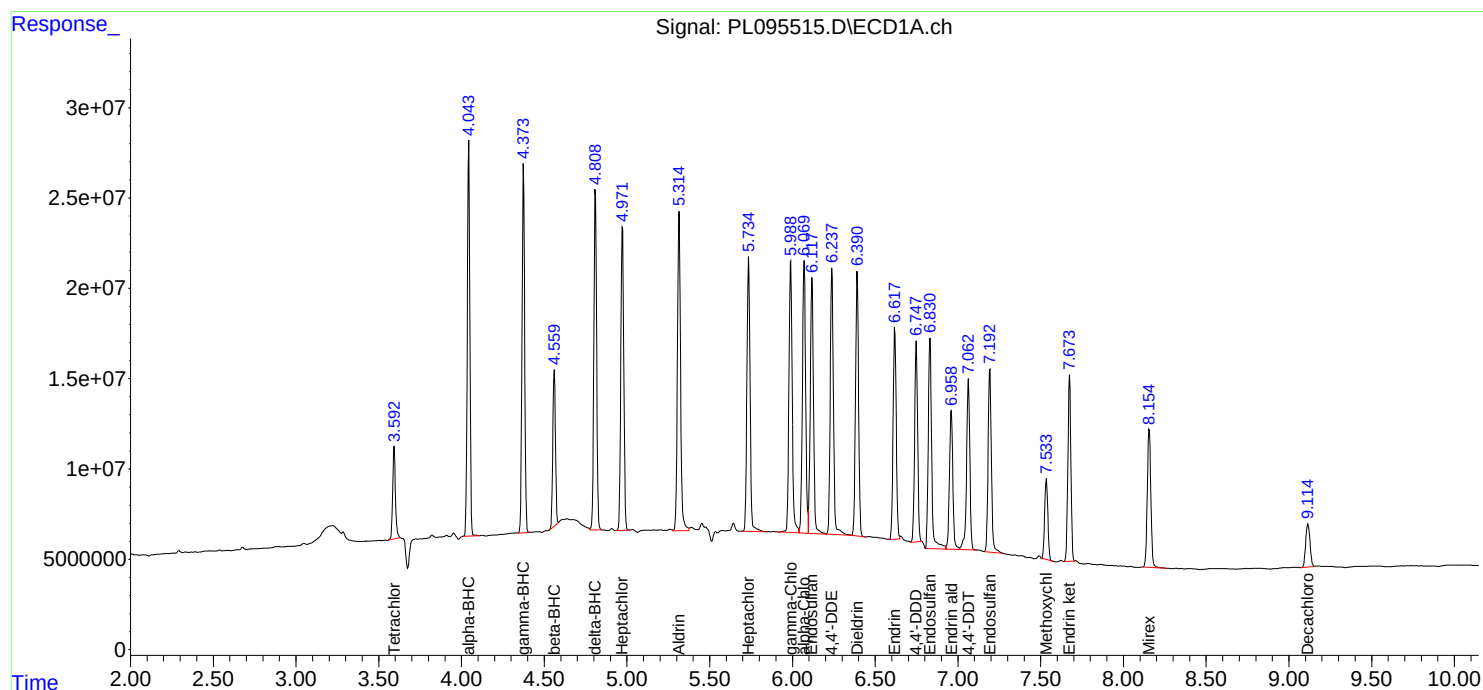
Instrument :
ECD_L
ClientSampleId :
MH-RMS

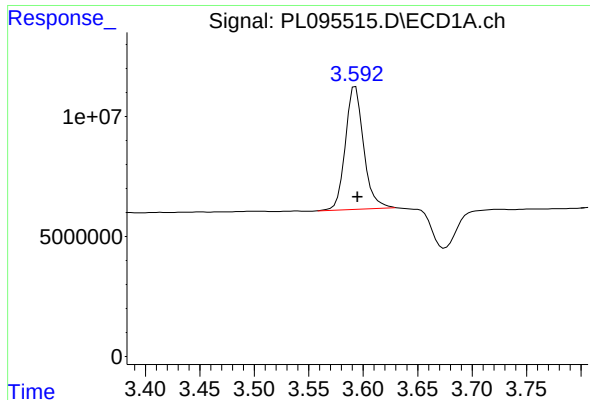
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 01:32:18 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





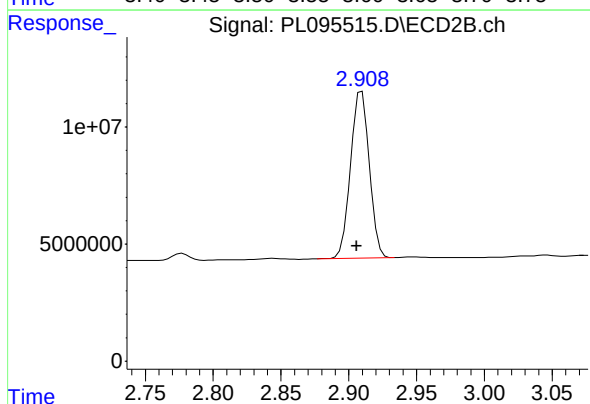
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 59652230
Conc: 18.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

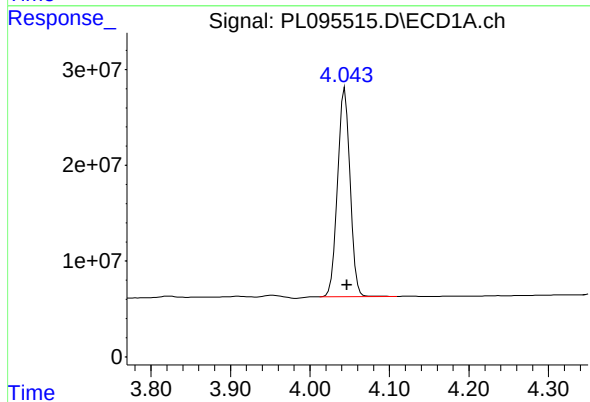
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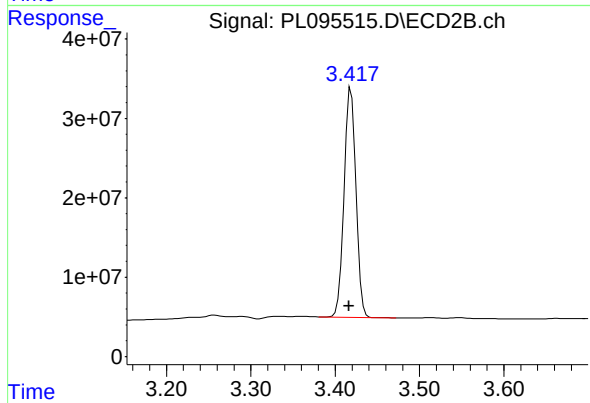
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: 0.004 min
Response: 68280633
Conc: 21.47 ng/ml



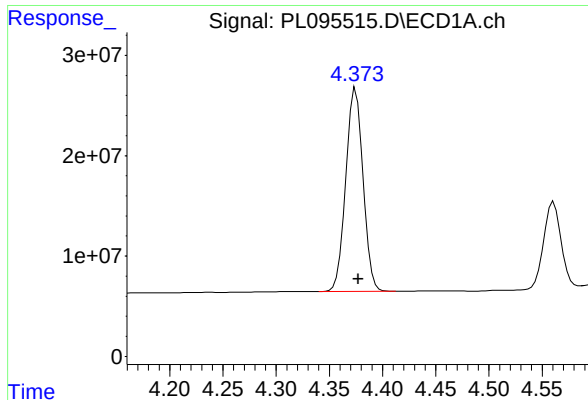
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 238186849
Conc: 48.08 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 282449116
Conc: 63.49 ng/ml



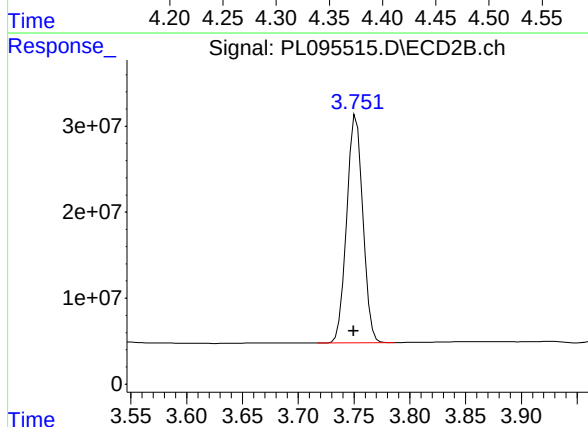
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 227585207
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

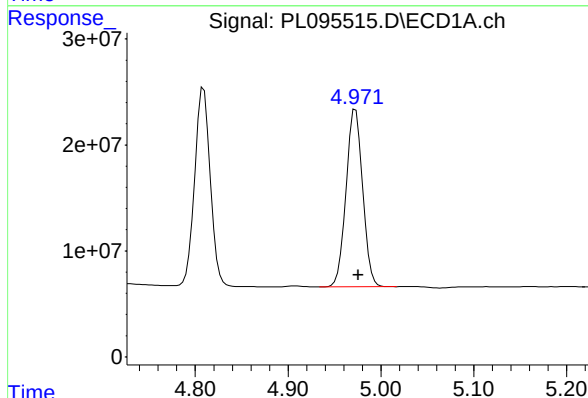
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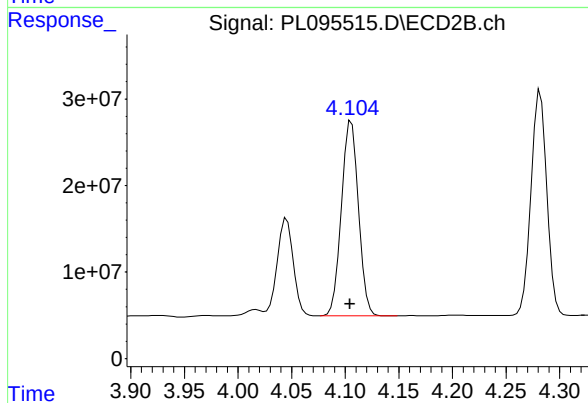
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 266132697
Conc: 60.51 ng/ml



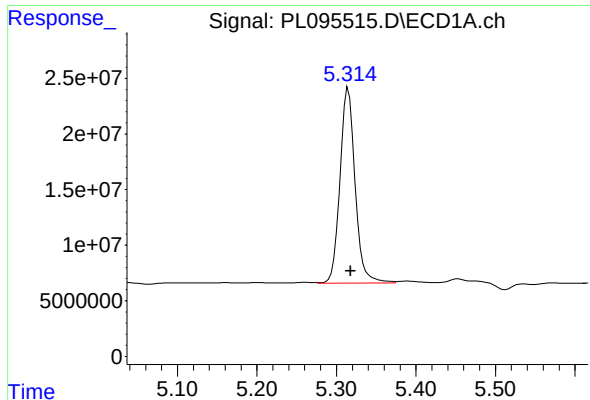
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 208521760
Conc: 45.58 ng/ml



#4 Heptachlor

R.T.: 4.106 min
Delta R.T.: 0.001 min
Response: 249450188
Conc: 57.26 ng/ml



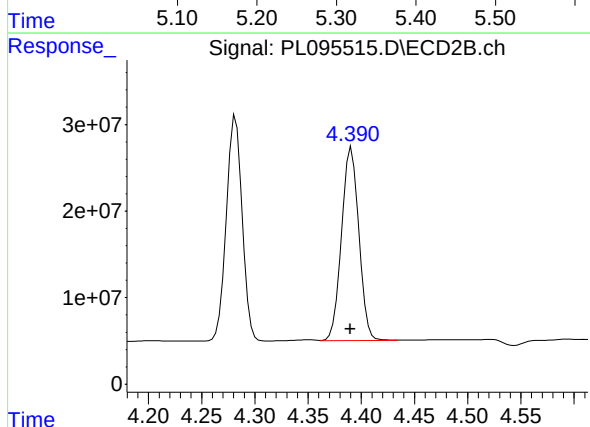
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.005 min
Response: 232732886
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

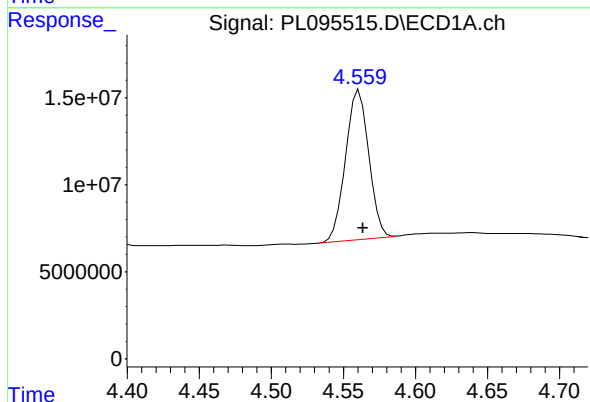
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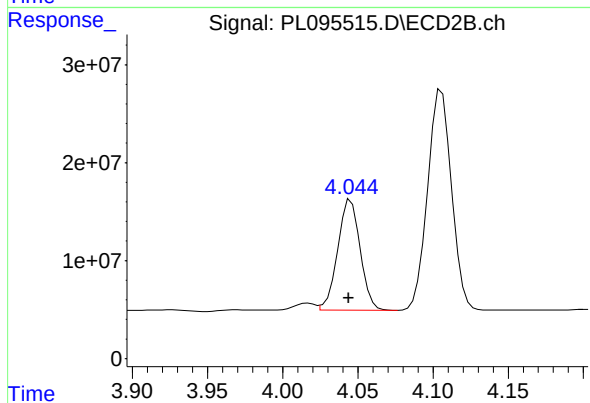
#5 Aldrin

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 252318565
Conc: 61.31 ng/ml



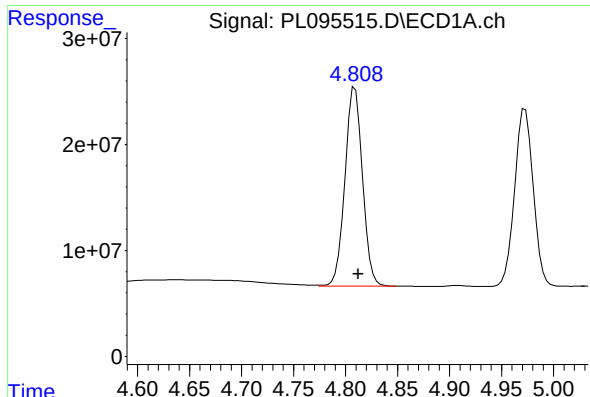
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 96020729
Conc: 46.44 ng/ml



#6 beta-BHC

R.T.: 4.045 min
Delta R.T.: 0.002 min
Response: 117509561
Conc: 56.61 ng/ml



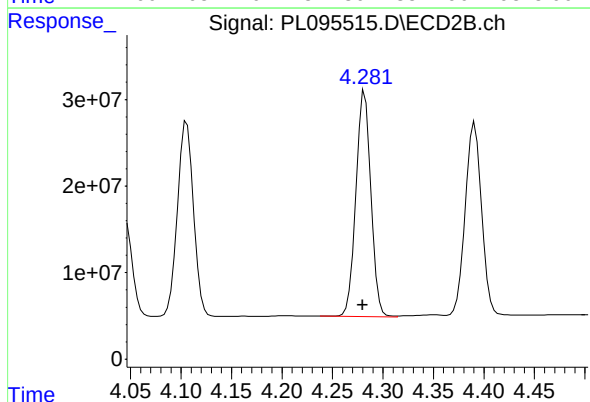
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.005 min
Response: 220494630
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

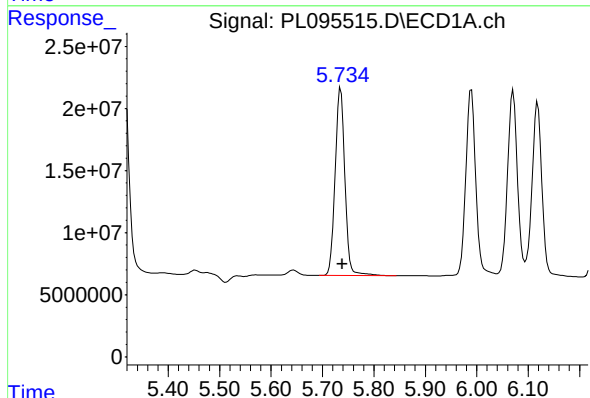
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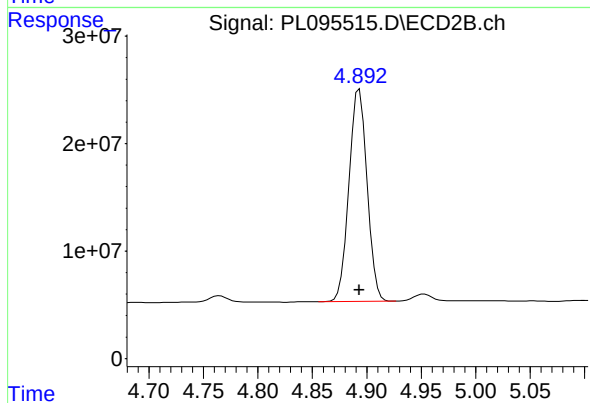
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 269650283
Conc: 61.54 ng/ml



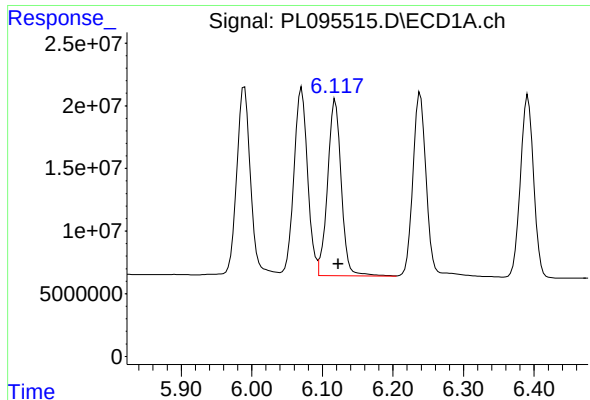
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 199695503
Conc: 49.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 228618677
Conc: 59.19 ng/ml



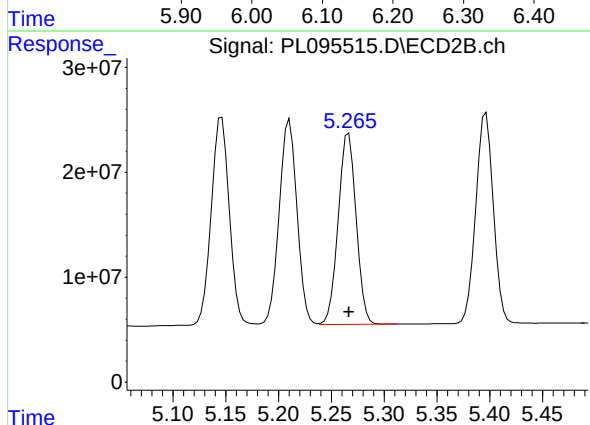
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 190792777
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

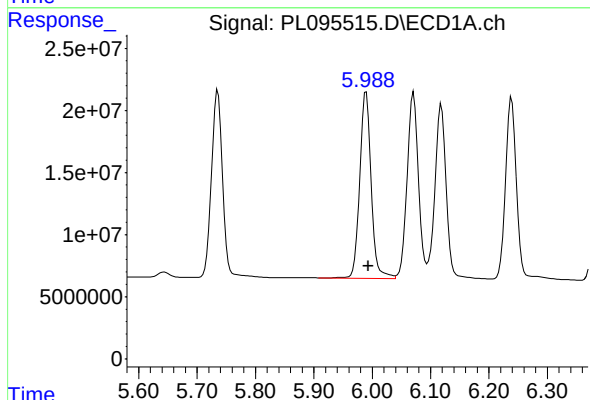
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Supervised By :mohammad ahmed 05/05/2025



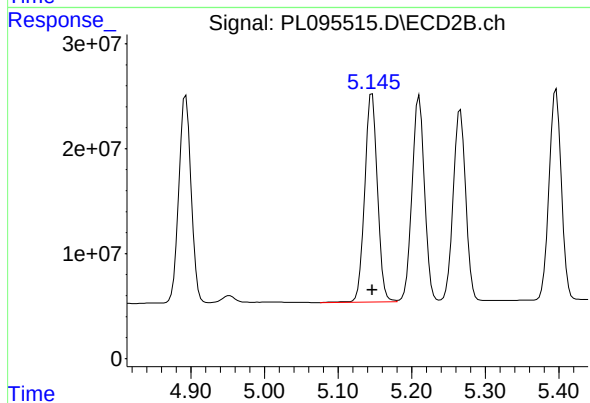
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 215246070
Conc: 58.80 ng/ml



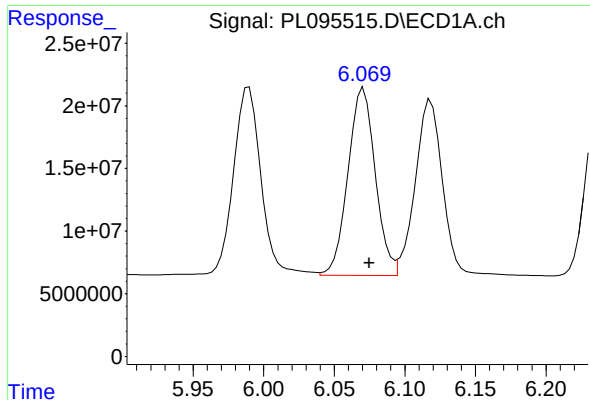
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.004 min
Response: 204883783
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 238647389
Conc: 58.89 ng/ml



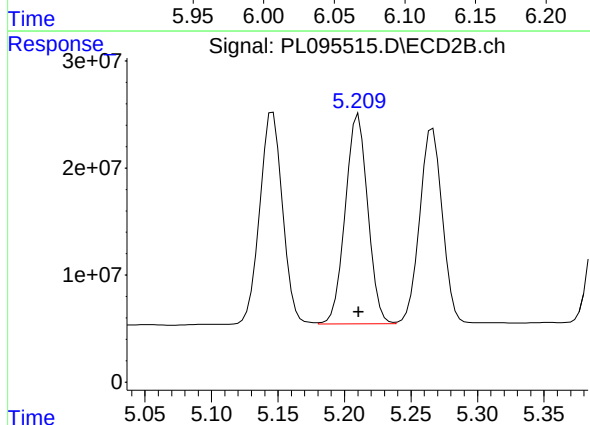
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 201905024
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

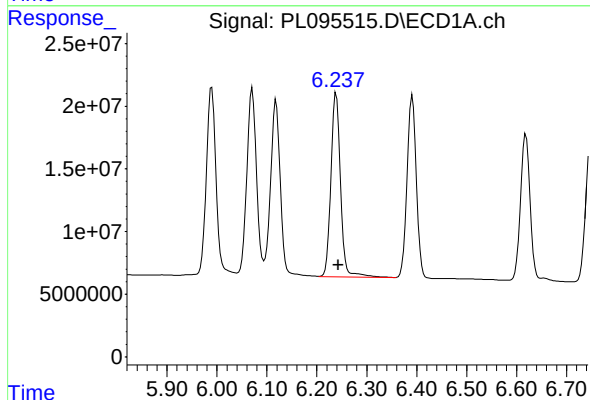
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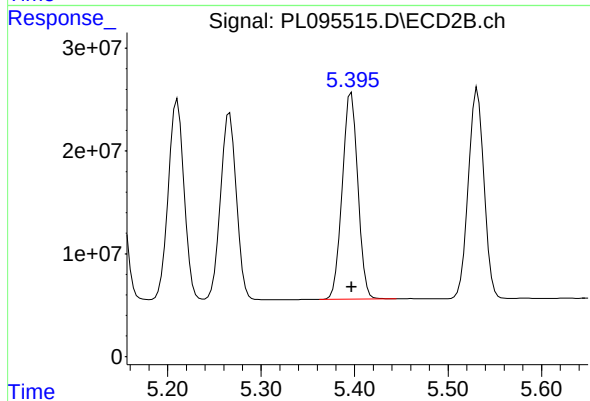
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 230776292
Conc: 57.97 ng/ml



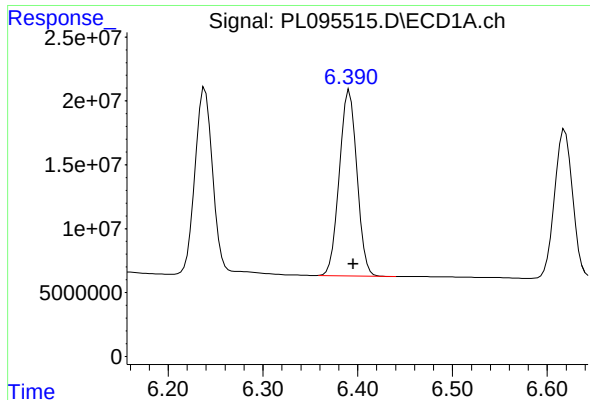
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 195876636
Conc: 49.96 ng/ml



#12 4,4'-DDE

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 232610775
Conc: 57.20 ng/ml



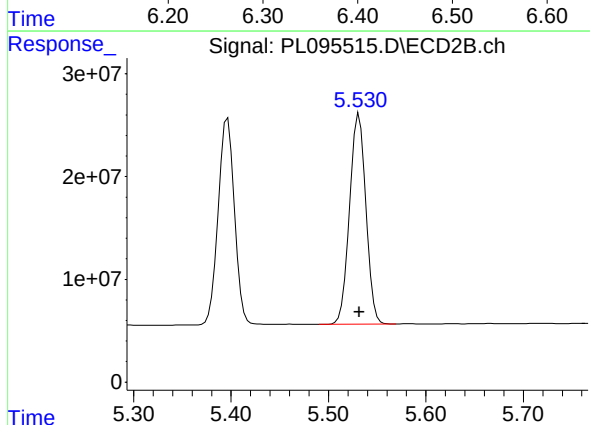
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 187383676
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

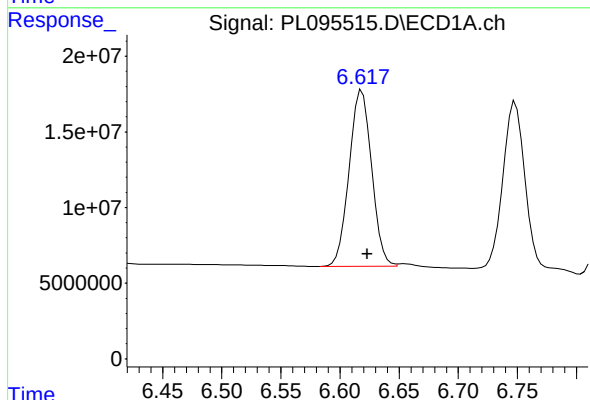
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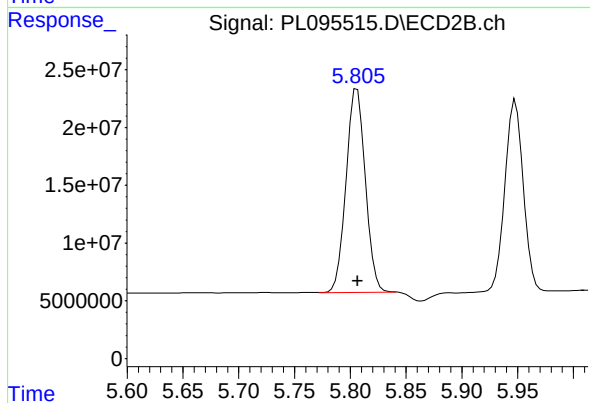
#13 Dieldrin

R.T.: 5.531 min
Delta R.T.: 0.000 min
Response: 237892477
Conc: 58.49 ng/ml



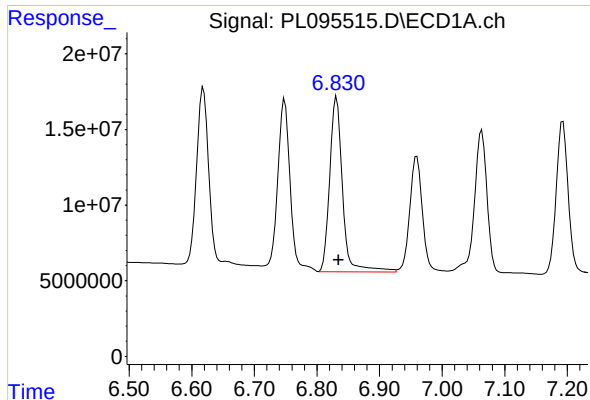
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 154009144
Conc: 48.36 ng/ml m



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 212306086
Conc: 58.31 ng/ml m



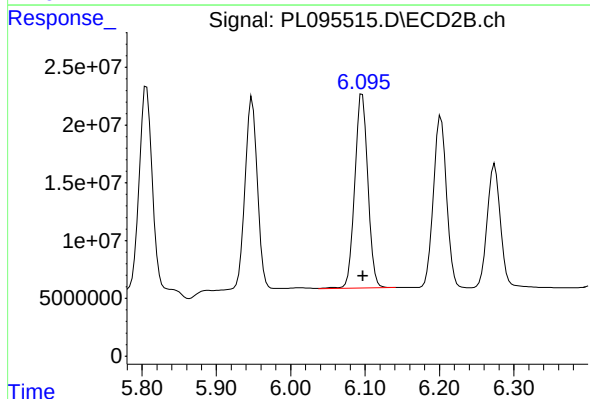
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 164784622
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

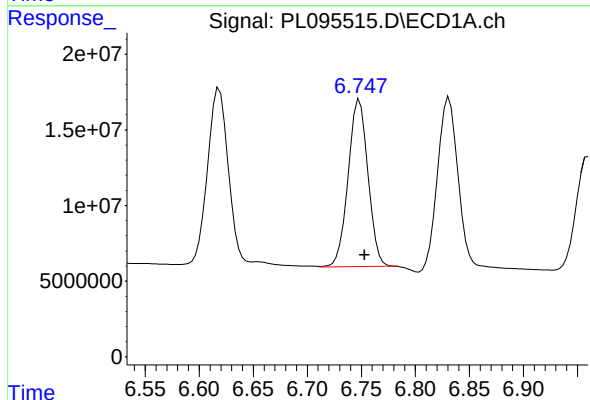
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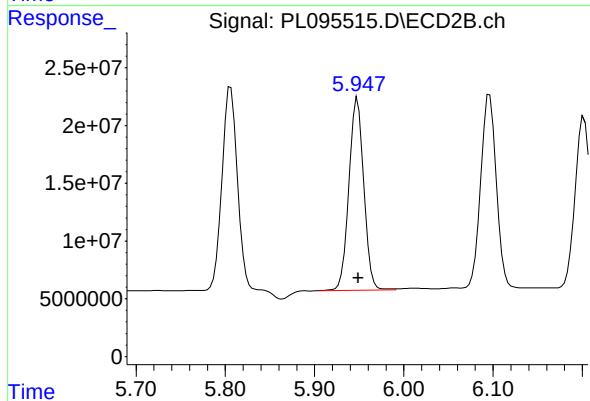
#15 Endosulfan II

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 205610073
Conc: 57.26 ng/ml



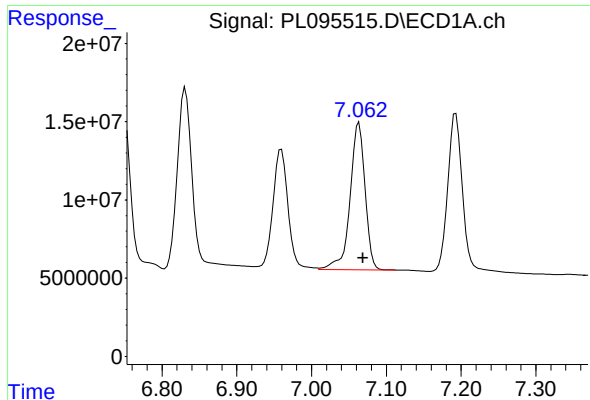
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 141058368
Conc: 49.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 193031284
Conc: 59.09 ng/ml



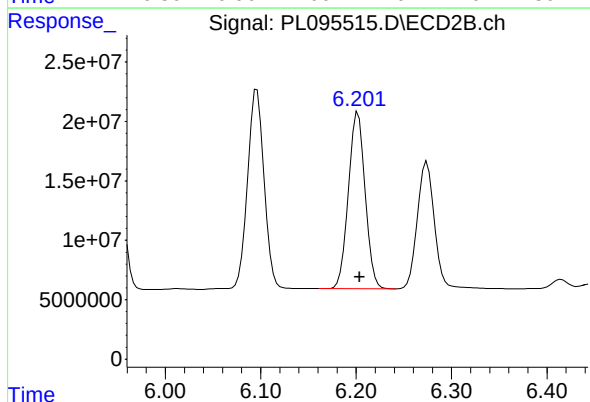
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 130400534
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

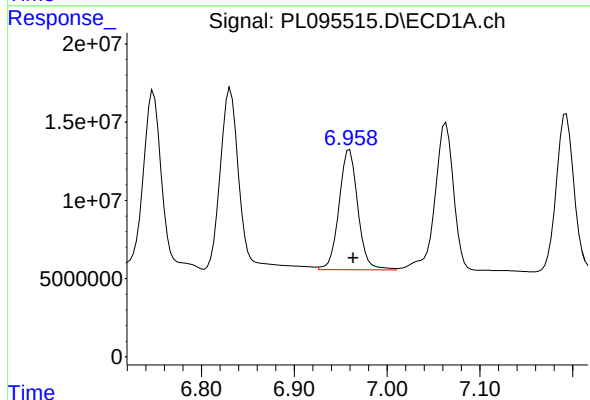
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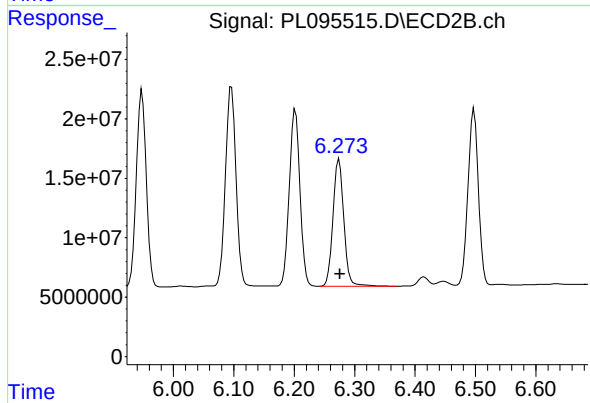
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 182558112
Conc: 53.13 ng/ml



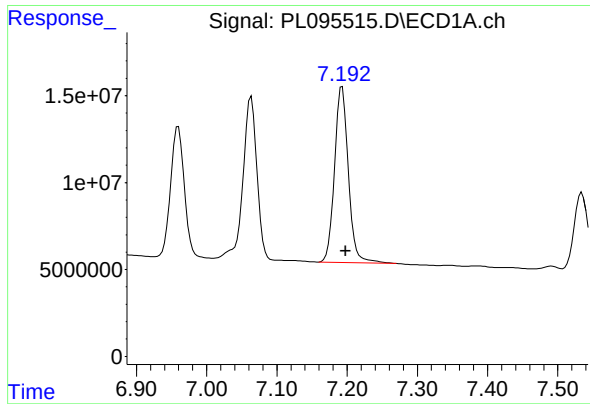
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 108267879
Conc: 46.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 133705837
Conc: 51.17 ng/ml



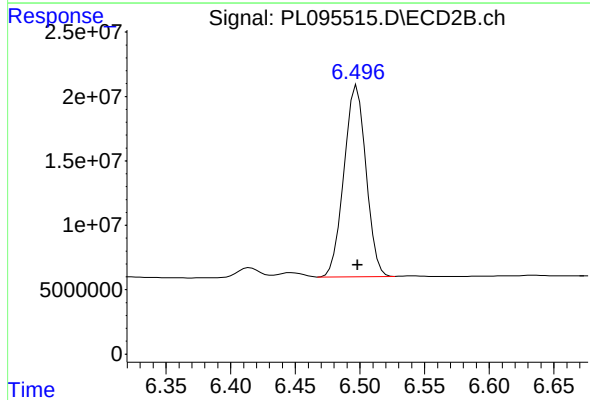
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 137934028
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

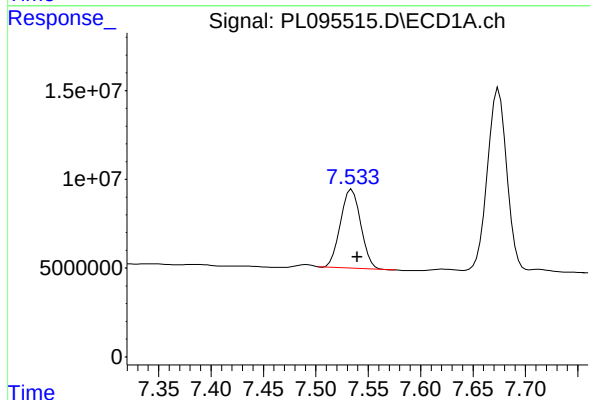
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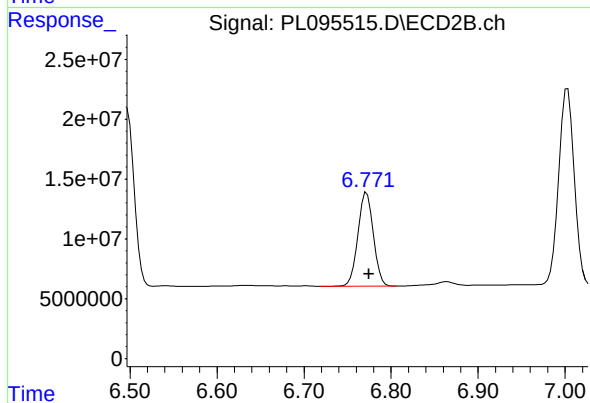
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 176299063
Conc: 53.14 ng/ml



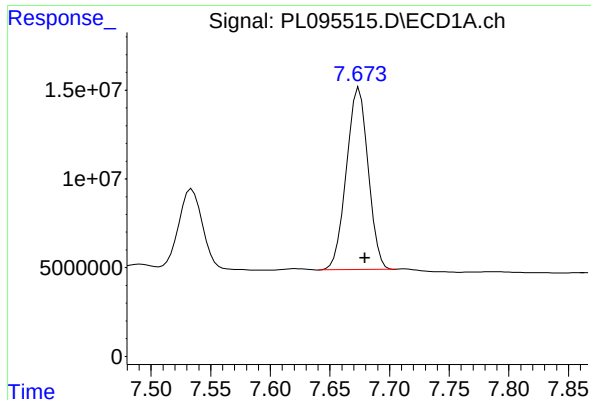
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: -0.005 min
Response: 59633270
Conc: 42.74 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 96255299
Conc: 50.46 ng/ml



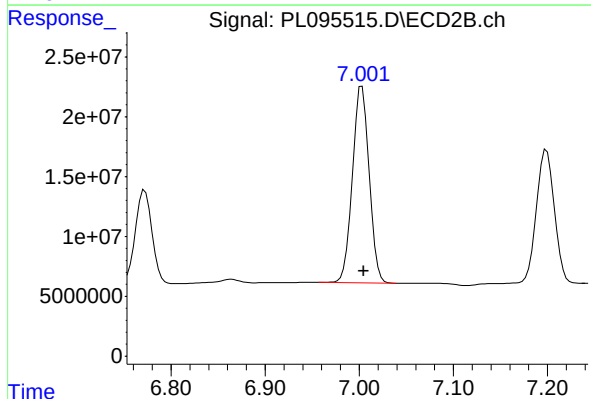
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 130112811
Conc: 45.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

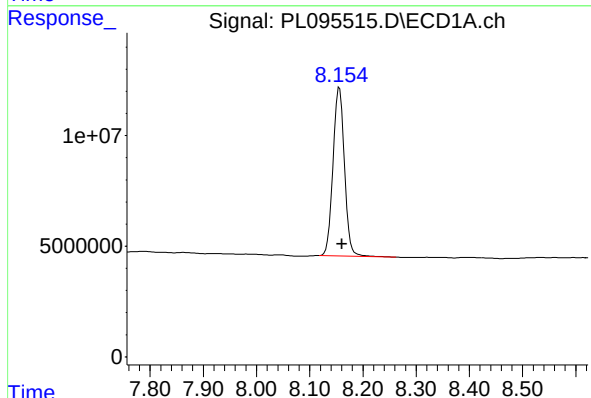
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Reviewed By :Abdul Mirza 05/02/2025
Supervised By :mohammad ahmed 05/05/2025



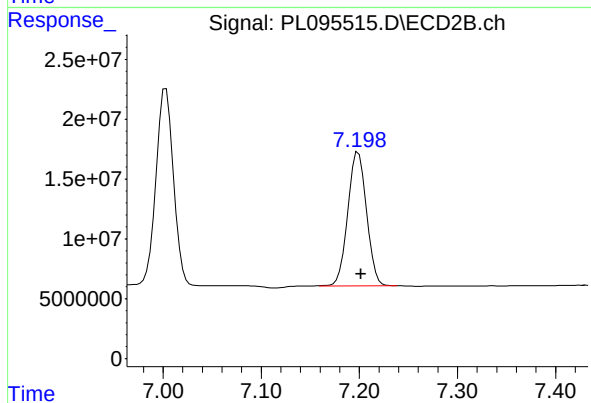
#21 Endrin ketone

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 202626423
Conc: 57.54 ng/ml



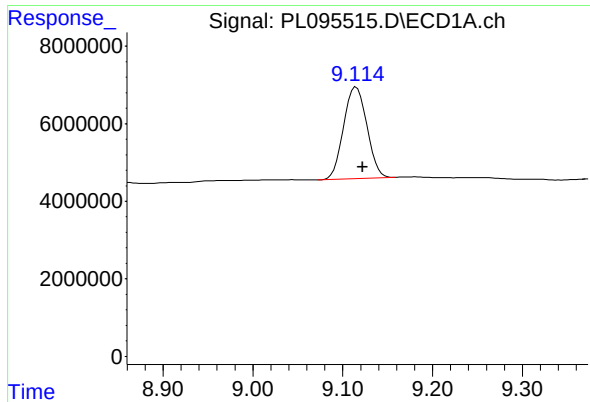
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.005 min
Response: 113617909
Conc: 47.82 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.004 min
Response: 148822785
Conc: 51.63 ng/ml m



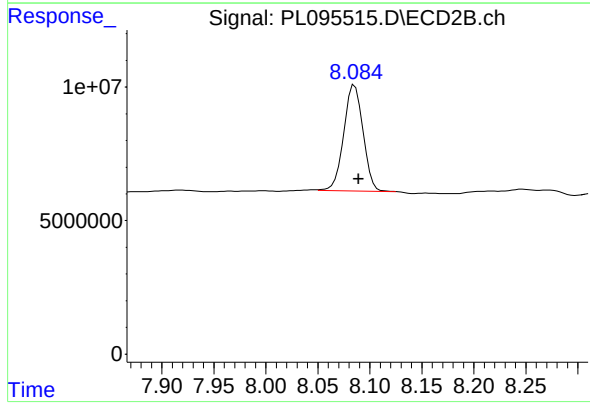
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: -0.007 min
Response: 42671523
Conc: 15.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-RMS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/05/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 51212609
Conc: 17.31 ng/ml m