

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051325\
 Data File : PL095636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:05
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 13:52:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 13:44:26 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	2.911	100.6E6	117.5E6	25.402	26.287
28) SA Decachlor...	9.116	8.088	84959192	104.0E6	25.618	26.275
Target Compounds						
2) A alpha-BHC	4.044	3.421	141.4E6	178.0E6	24.380	25.644
3) MA gamma-BHC...	4.374	3.754	134.9E6	168.7E6	24.602	25.795
4) MA Heptachlor	4.972	4.108	132.6E6	163.0E6	24.928	26.131
5) MB Aldrin	5.314	4.393	139.3E6	159.1E6	24.696	26.067
6) B beta-BHC	4.560	4.048	60865204	76297649	25.629	26.725
7) B delta-BHC	4.809	4.284	131.5E6	169.2E6	24.632	25.651
8) B Heptachlo...	5.735	4.896	124.1E6	145.7E6	25.322	26.399
9) A Endosulfan I	6.117	5.268	117.2E6	132.0E6	24.145m	26.064
10) B gamma-Chl...	5.988	5.148	130.0E6	149.3E6	24.703m	26.215
11) B alpha-Chl...	6.069	5.213	123.8E6	146.9E6	24.081m	26.365
12) B 4,4'-DDE	6.238	5.398	126.4E6	148.6E6	24.670m	25.762
13) MA Dieldrin	6.392	5.533	121.7E6	153.1E6	25.092	25.875m
14) MA Endrin	6.619	5.809	92251322	132.0E6	24.540	25.814
15) B Endosulfa...	6.831	6.099	102.5E6	135.3E6	25.378	26.200
16) A 4,4'-DDD	6.748	5.951	93884550	129.4E6	25.136	26.113
17) MA 4,4'-DDT	7.063	6.205	87462111	124.8E6	24.185	25.316
18) B Endrin al...	6.960	6.277	73637806	95674476	25.327	25.901
19) B Endosulfa...	7.193	6.500	91489125	125.4E6	25.511	26.628
20) A Methoxychlor	7.535	6.774	40886759	67796236	24.590	25.978
21) B Endrin ke...	7.675	7.006	93565786	148.4E6	25.317	26.286
22) Mirex	8.157	7.202	75622260	108.9E6	25.799	26.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051325\
Data File : PL095636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:05
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

Manual Integrations

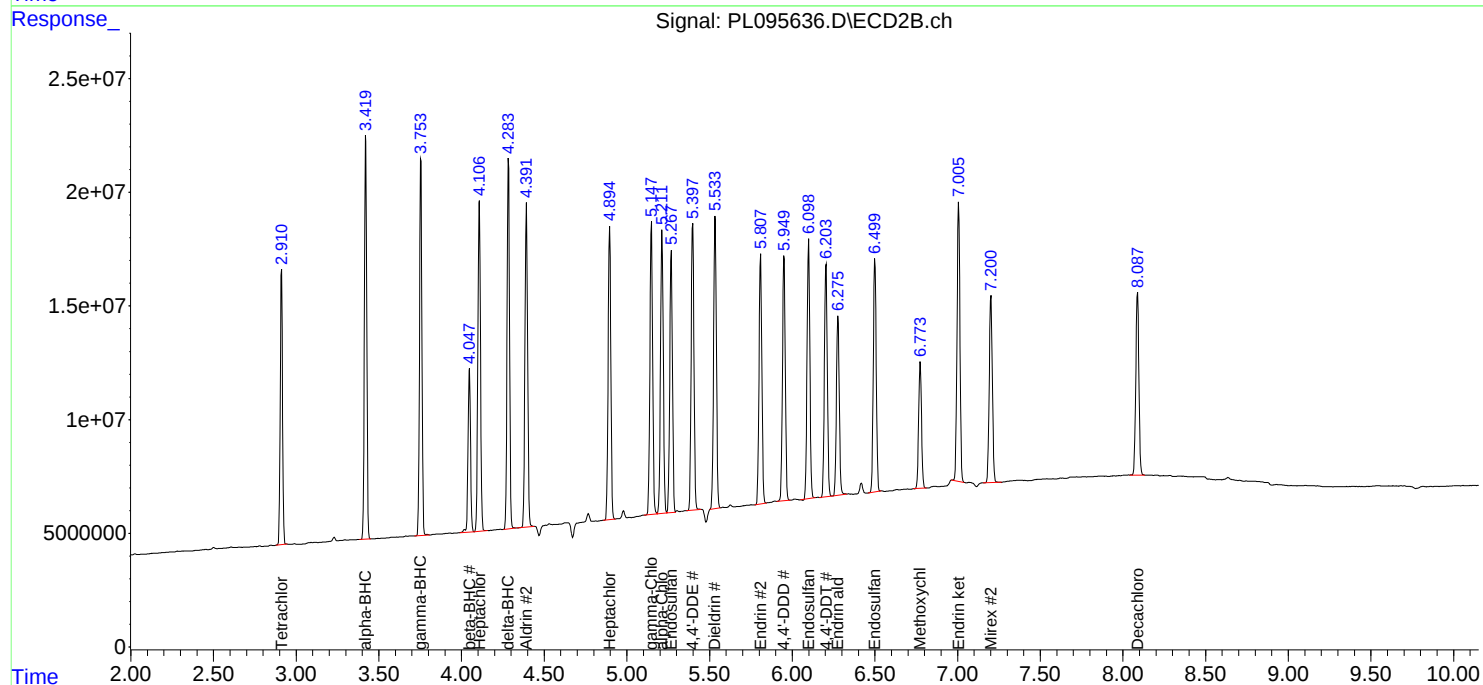
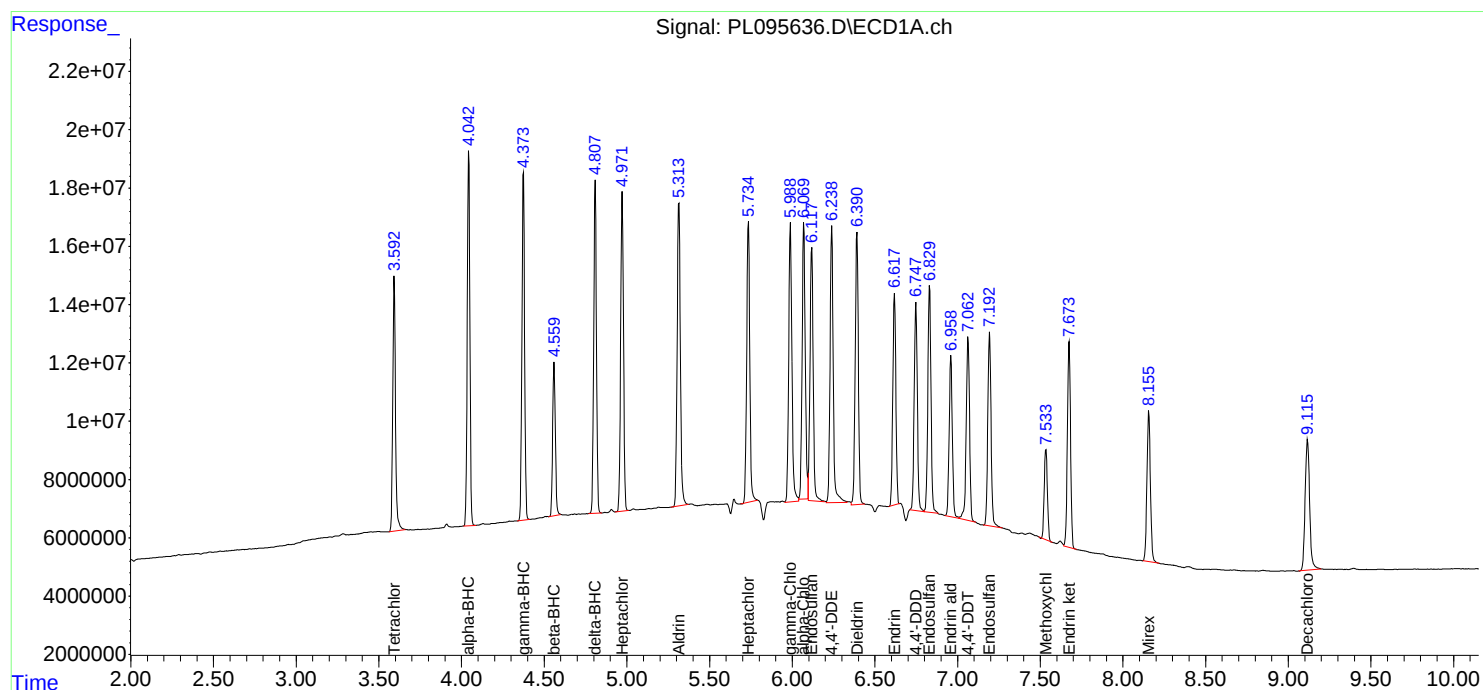
APPROVED

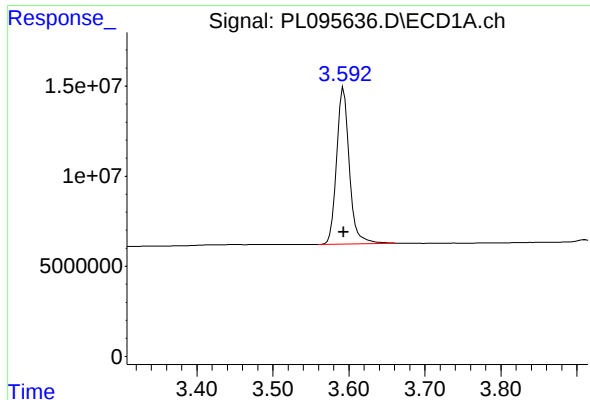
Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 13:52:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 13:44:26 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





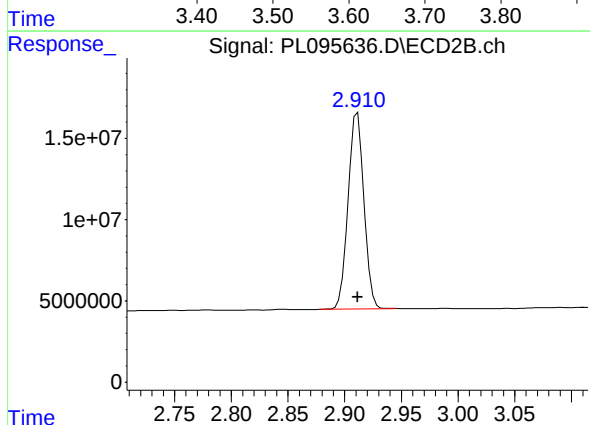
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 100631765
Conc: 25.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

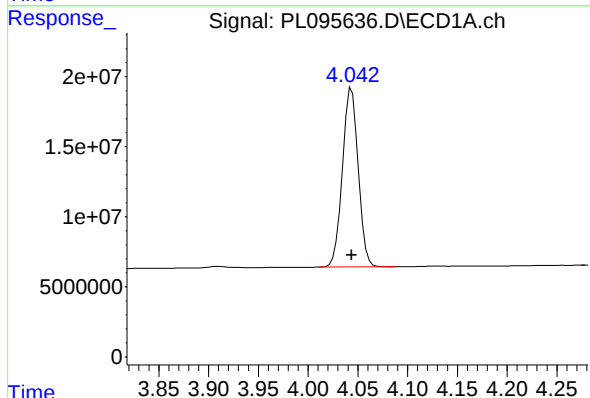
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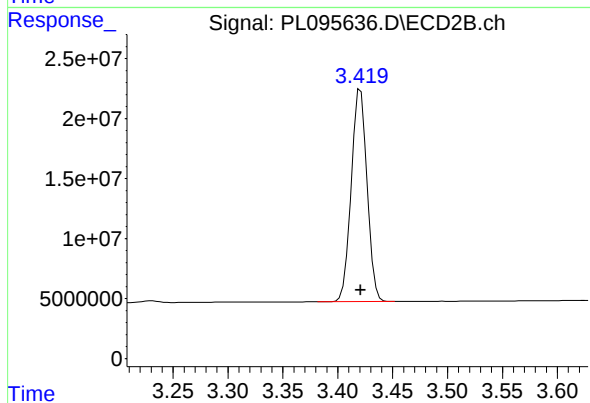
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.000 min
Response: 117487536
Conc: 26.29 ng/ml



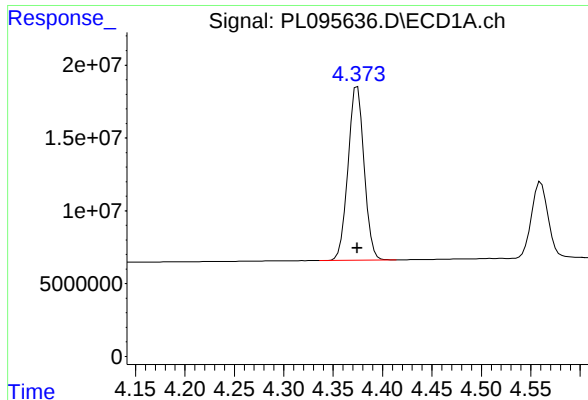
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 141448745
Conc: 24.38 ng/ml



#2 alpha-BHC

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 178021322
Conc: 25.64 ng/ml



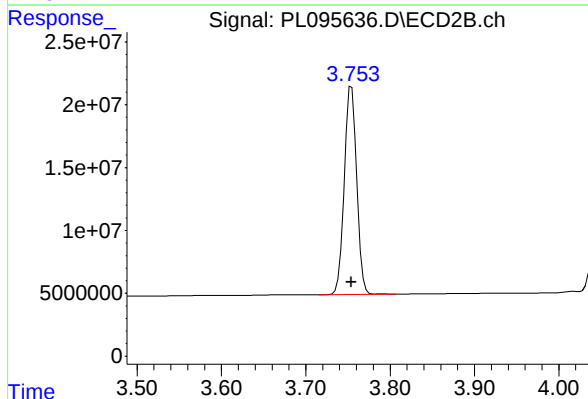
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 134890144
Conc: 24.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

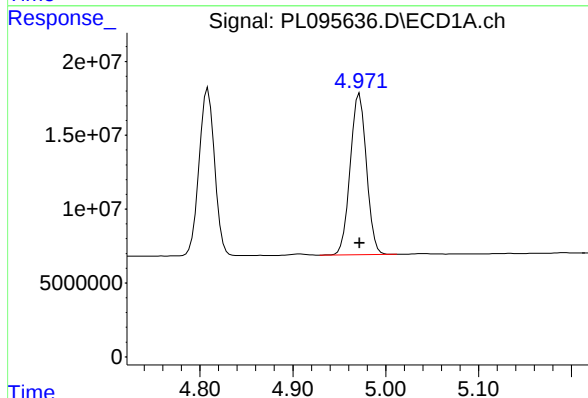
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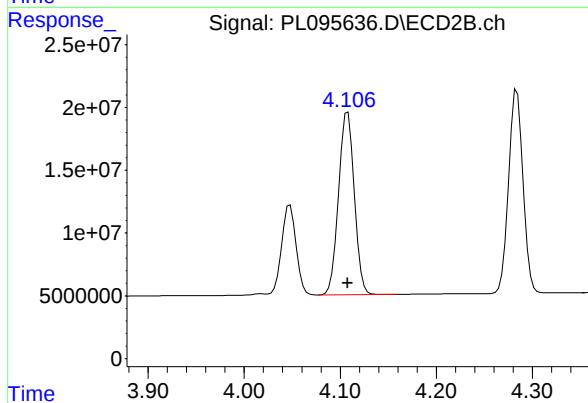
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 168706576
Conc: 25.79 ng/ml



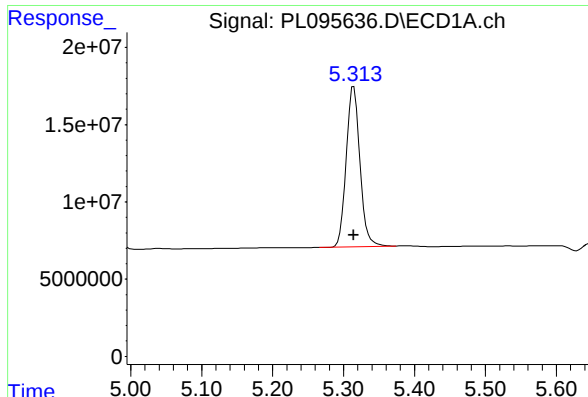
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 132645582
Conc: 24.93 ng/ml



#4 Heptachlor

R.T.: 4.108 min
Delta R.T.: 0.000 min
Response: 163004970
Conc: 26.13 ng/ml



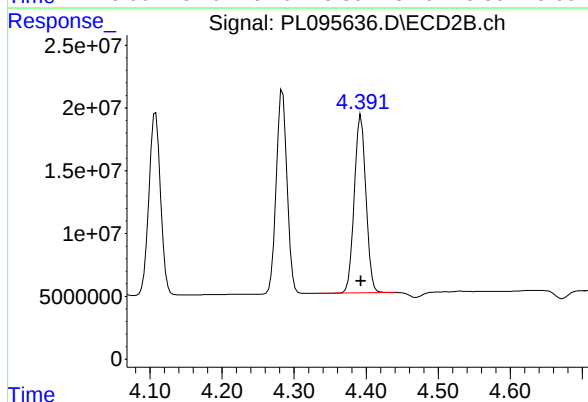
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 139294171
Conc: 24.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

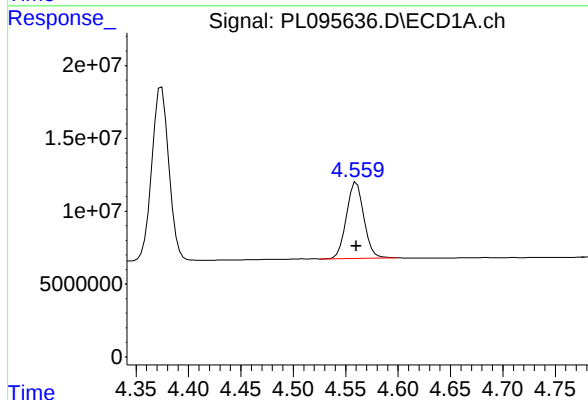
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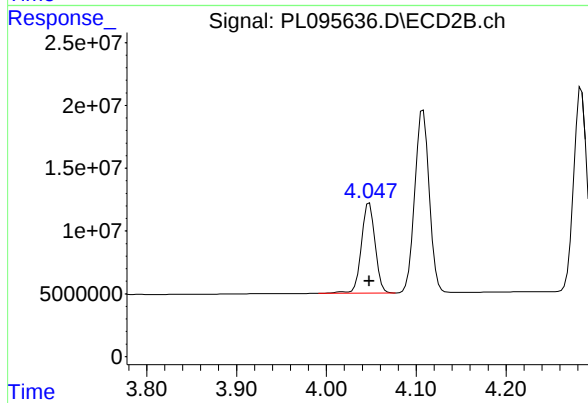
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 159130615
Conc: 26.07 ng/ml



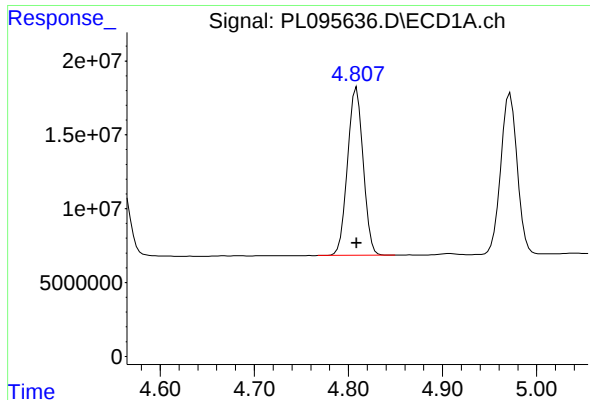
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 60865204
Conc: 25.63 ng/ml



#6 beta-BHC

R.T.: 4.048 min
Delta R.T.: 0.000 min
Response: 76297649
Conc: 26.72 ng/ml



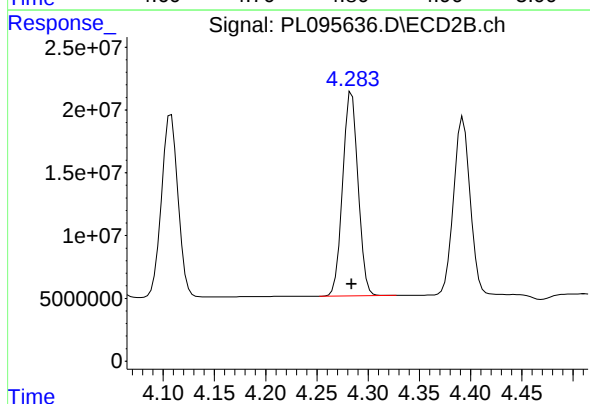
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 131467199
Conc: 24.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

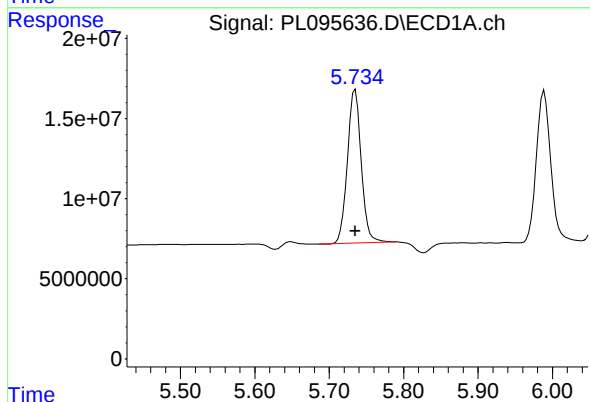
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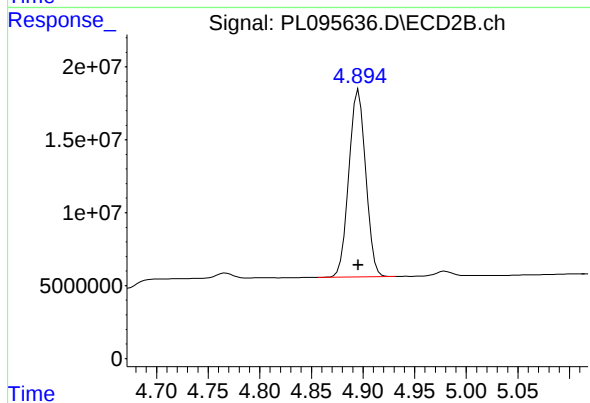
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 169247416
Conc: 25.65 ng/ml



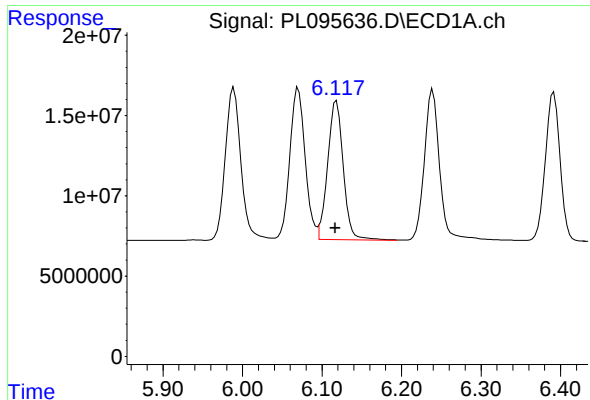
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 124058610
Conc: 25.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.000 min
Response: 145671943
Conc: 26.40 ng/ml



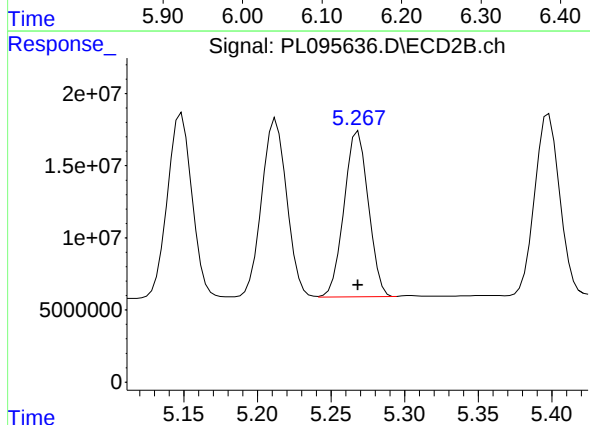
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 117193470
Conc: 24.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

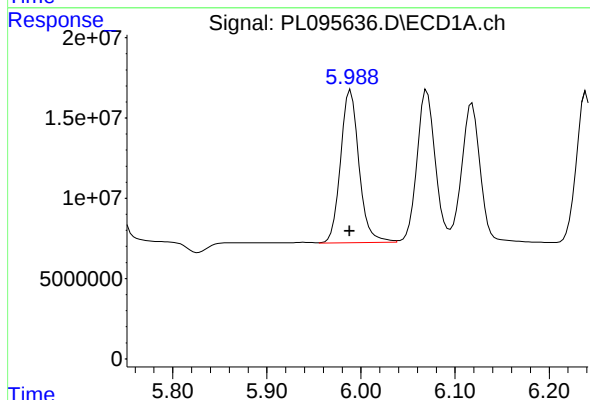
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Supervised By :mohammad ahmed 05/16/2025



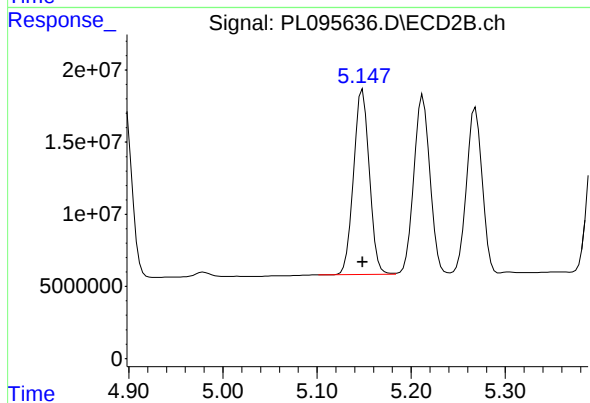
#9 Endosulfan I

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 132035928
Conc: 26.06 ng/ml



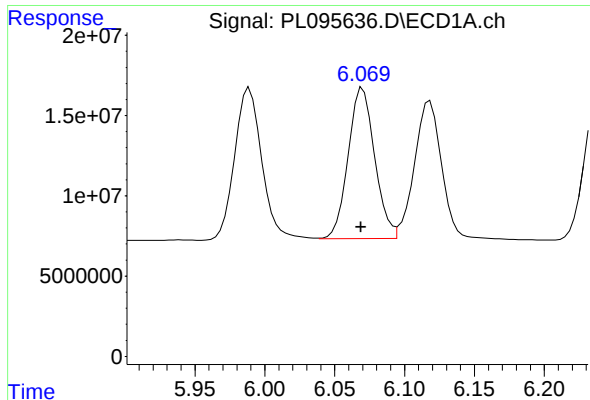
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 130005826
Conc: 24.70 ng/ml m



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.000 min
Response: 149335220
Conc: 26.22 ng/ml



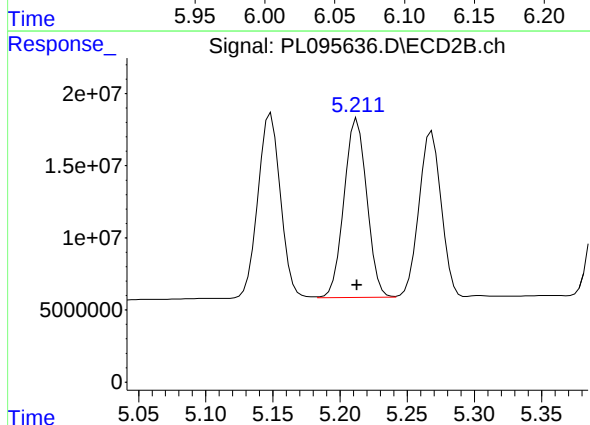
#11 alpha-Chlordane

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 123782834
Conc: 24.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

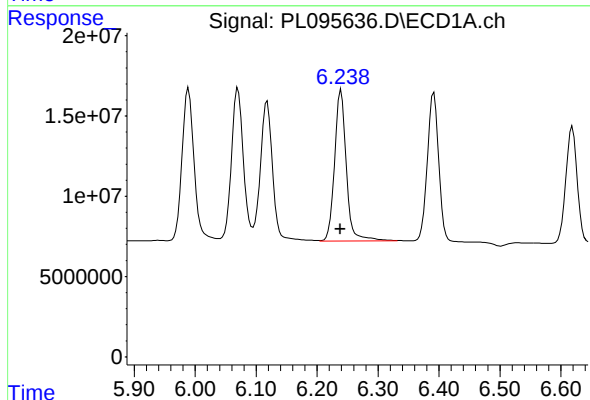
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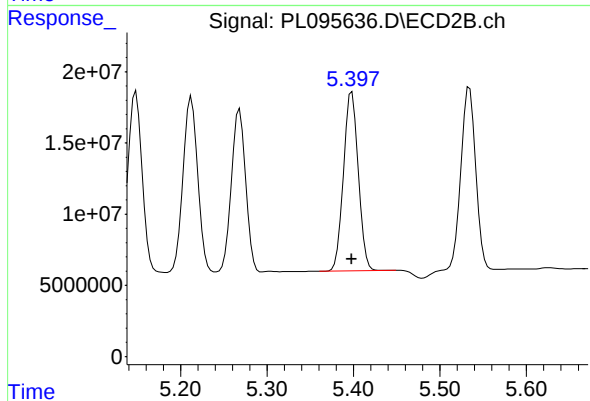
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 146947300
Conc: 26.37 ng/ml



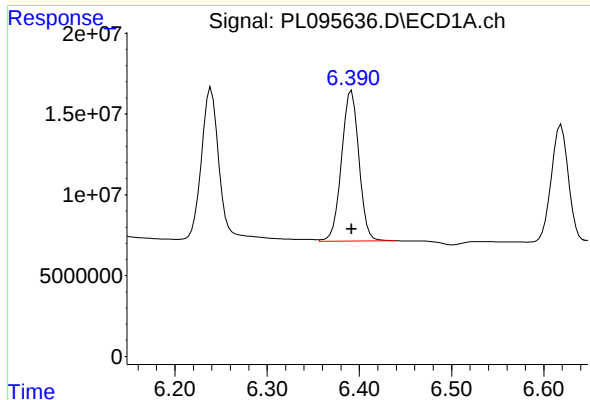
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 126375871
Conc: 24.67 ng/ml m



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 148635797
Conc: 25.76 ng/ml



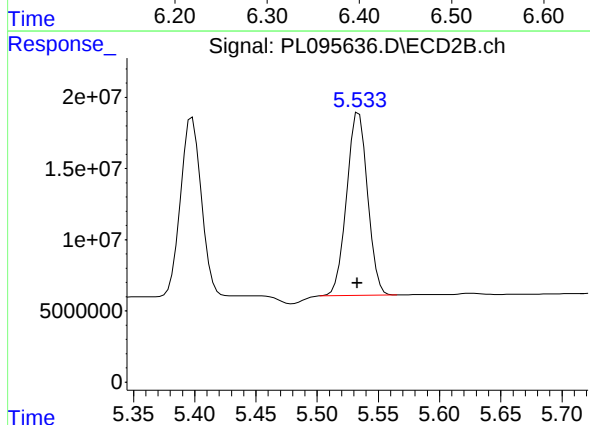
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 121703657
Conc: 25.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

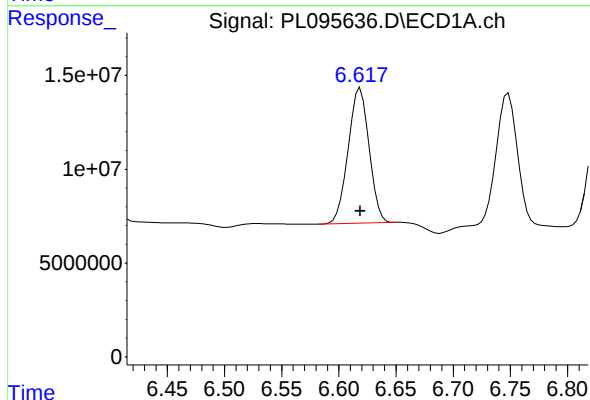
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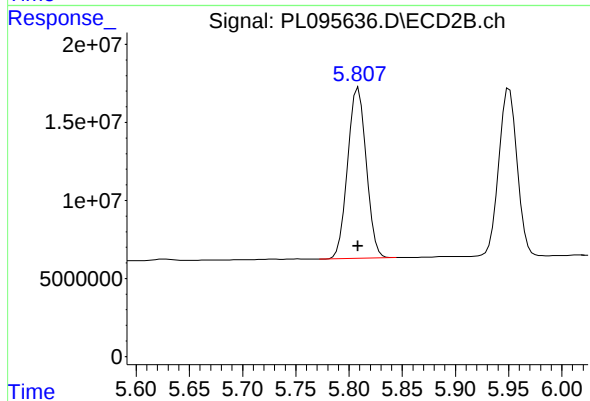
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 153101384
Conc: 25.87 ng/ml



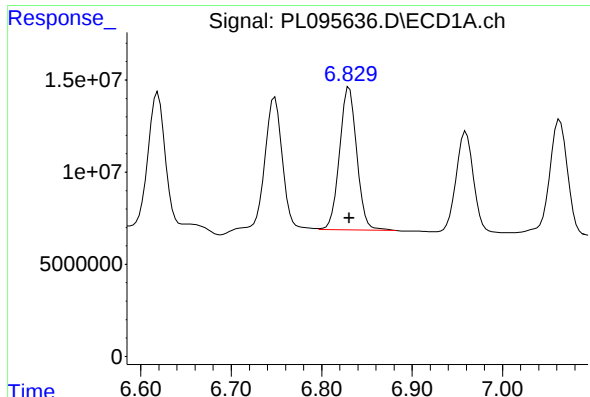
#14 Endrin

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 92251322
Conc: 24.54 ng/ml



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 132030314
Conc: 25.81 ng/ml



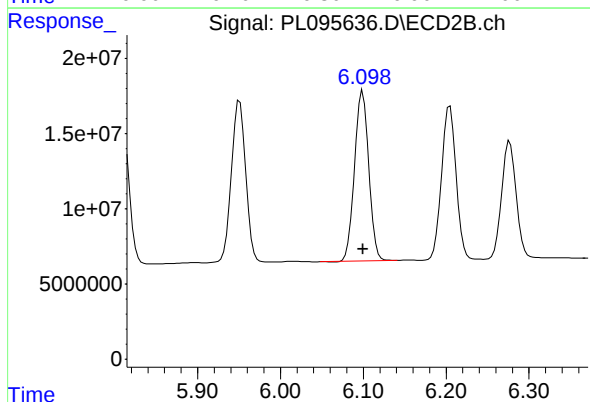
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 102477027
Conc: 25.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

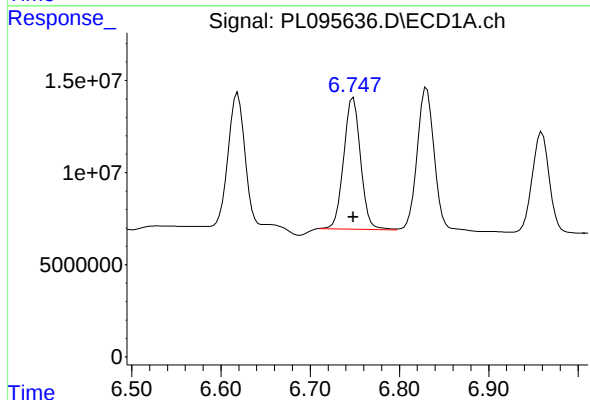
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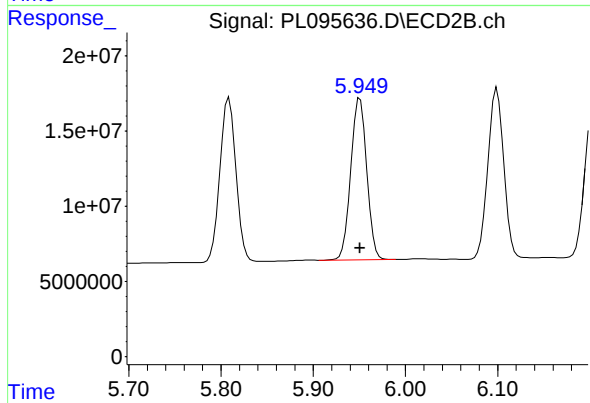
#15 Endosulfan II

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 135316986
Conc: 26.20 ng/ml



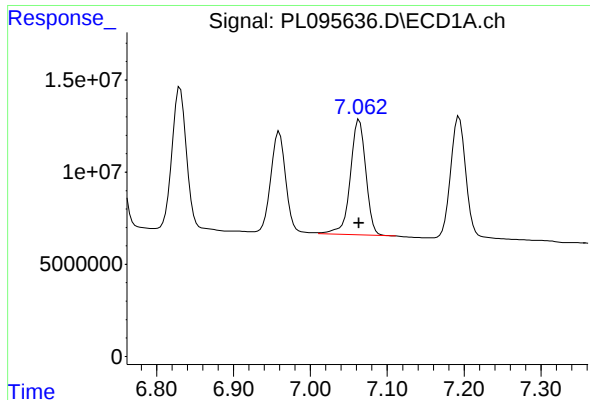
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 93884550
Conc: 25.14 ng/ml



#16 4,4'-DDD

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 129415434
Conc: 26.11 ng/ml



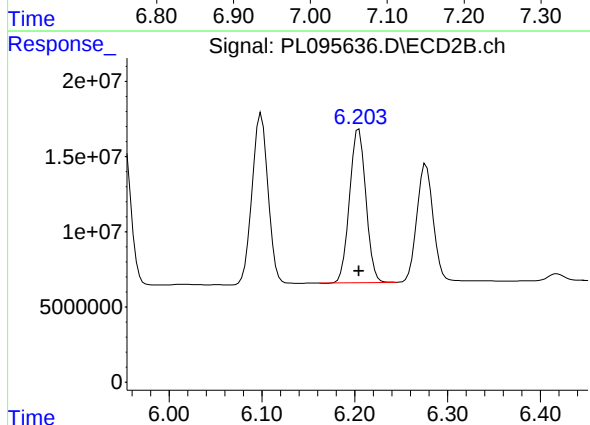
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 87462111
Conc: 24.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

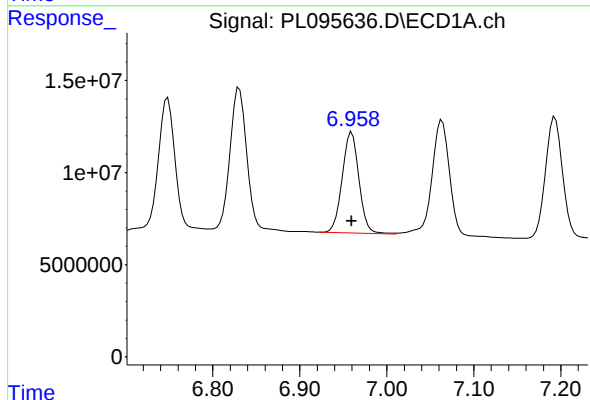
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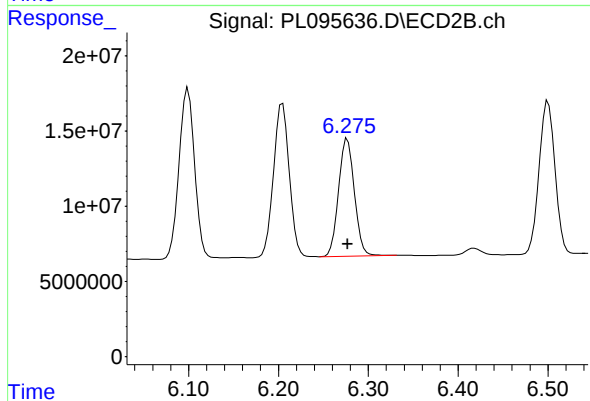
#17 4,4'-DDT

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 124777515
Conc: 25.32 ng/ml



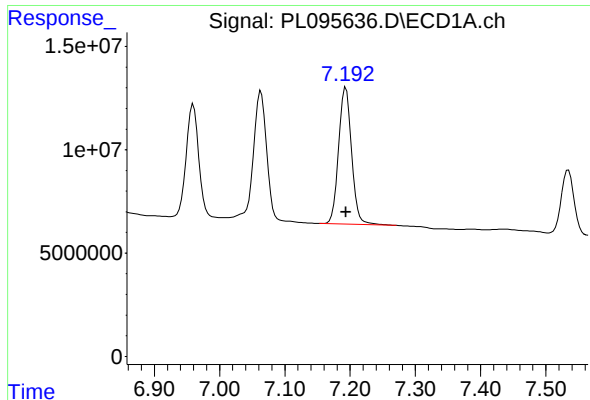
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 73637806
Conc: 25.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 95674476
Conc: 25.90 ng/ml



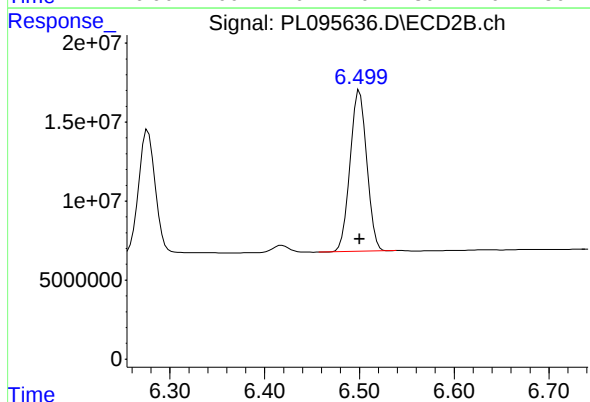
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 91489125
Conc: 25.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

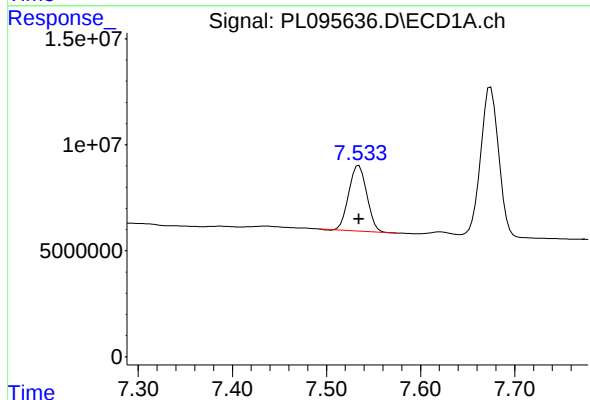
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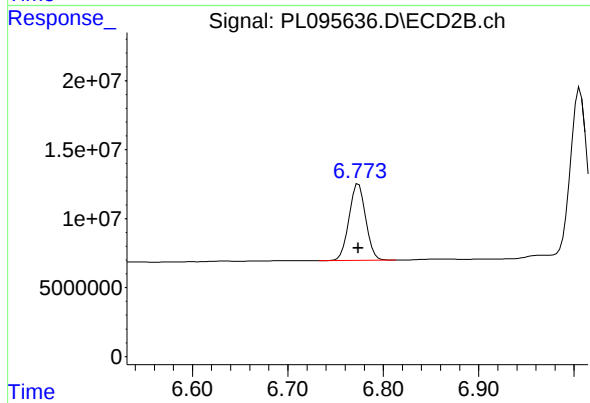
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 125428702
Conc: 26.63 ng/ml



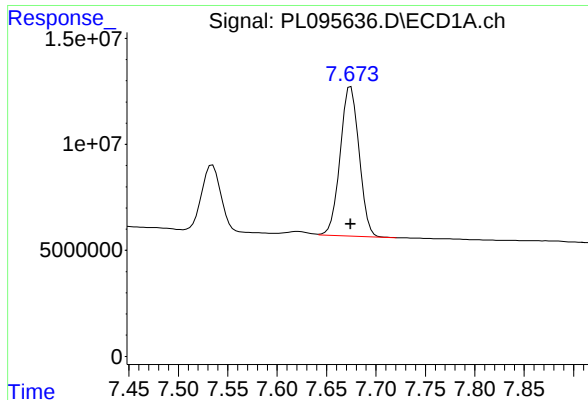
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 40886759
Conc: 24.59 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 67796236
Conc: 25.98 ng/ml



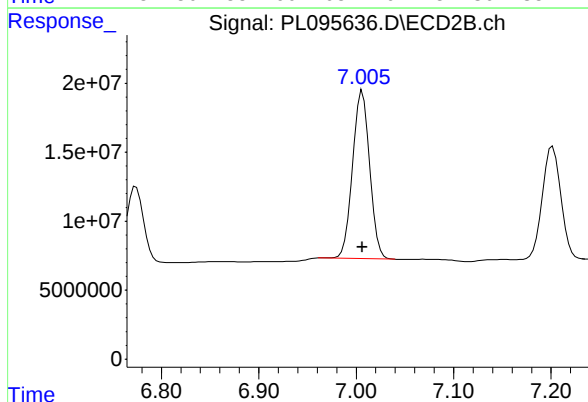
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 93565786
Conc: 25.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

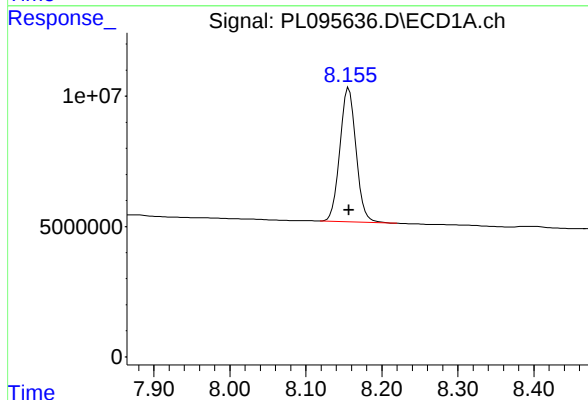
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



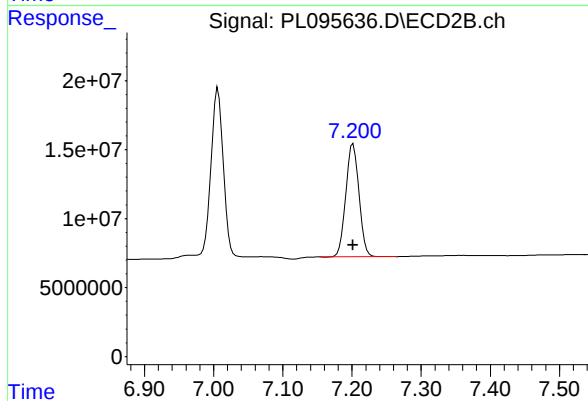
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 148405100
Conc: 26.29 ng/ml



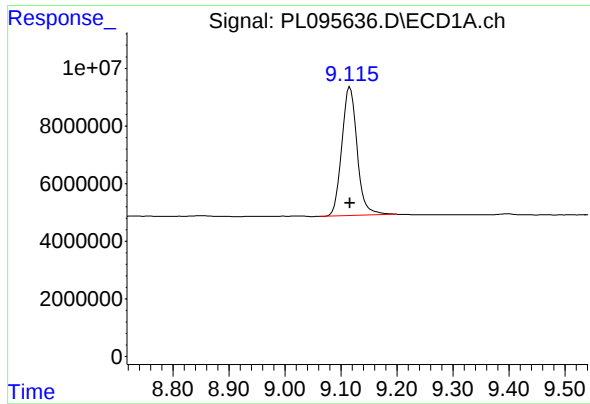
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 75622260
Conc: 25.80 ng/ml



#22 Mirex

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 108861372
Conc: 26.56 ng/ml



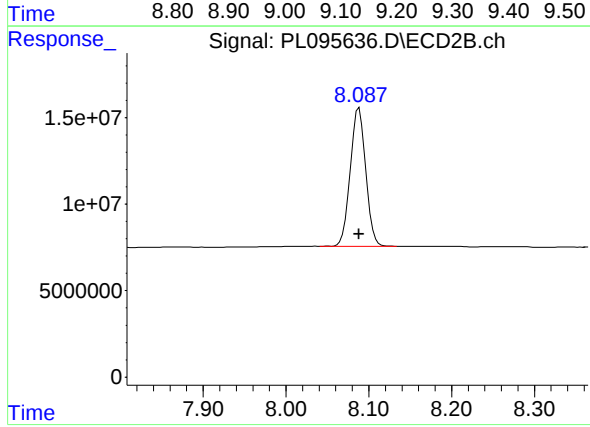
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 84959192
Conc: 25.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 104005429
Conc: 26.28 ng/ml