

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 15:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 02:31:13 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	2.905	183.2E6	168.8E6	56.127	53.097
28) SA Decachlor...	9.118	8.085	140.7E6	144.7E6	50.794	48.904
Target Compounds						
2) A alpha-BHC	4.044	3.414	279.5E6	242.2E6	56.425	54.440
3) MA gamma-BHC...	4.375	3.748	265.5E6	235.2E6	56.077m	53.479
4) MA Heptachlor	4.974	4.102	246.5E6	222.3E6	53.884	51.016
5) MB Aldrin	5.316	4.387	254.3E6	222.8E6	55.363	54.133
6) B beta-BHC	4.561	4.041	113.4E6	109.0E6	54.827	52.502
7) B delta-BHC	4.809	4.277	258.0E6	233.6E6	55.468m	53.307
8) B Heptachlo...	5.736	4.890	222.0E6	200.5E6	55.435	51.913
9) A Endosulfan I	6.120	5.263	207.7E6	188.8E6	54.696	51.582
10) B gamma-Chl...	5.991	5.143	229.2E6	208.6E6	56.177	51.471
11) B alpha-Chl...	6.072	5.207	224.5E6	205.1E6	55.224	51.528
12) B 4,4'-DDE	6.240	5.393	212.4E6	207.7E6	54.172	51.066
13) MA Dieldrin	6.393	5.528	212.5E6	210.8E6	55.134	51.837
14) MA Endrin	6.619	5.803	160.8E6	173.5E6	50.485m	47.666
15) B Endosulfa...	6.832	6.093	185.4E6	183.7E6	58.067	51.143
16) A 4,4'-DDD	6.748	5.945	162.4E6	174.6E6	57.351m	53.453
17) MA 4,4'-DDT	7.065	6.200	143.2E6	159.5E6	50.266	46.428
18) B Endrin al...	6.961	6.271	124.7E6	130.0E6	53.713	49.731
19) B Endosulfa...	7.195	6.495	149.4E6	167.5E6	53.317	50.477
20) A Methoxychlor	7.537	6.770	66628478	84826345	47.758	44.472
21) B Endrin ke...	7.676	7.000	155.5E6	187.8E6	54.540	53.340
22) Mirex	8.158	7.196	123.1E6	144.2E6	51.829	50.023m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
Data File : PL095372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

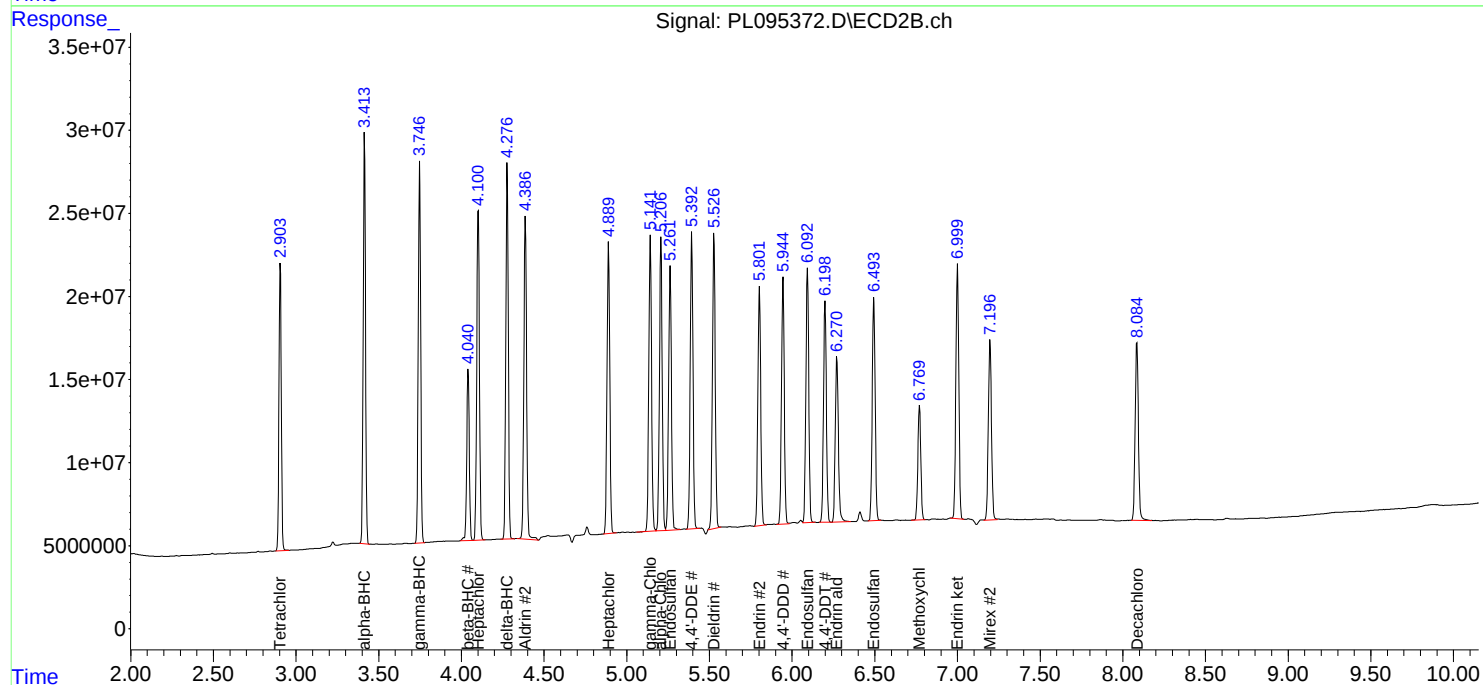
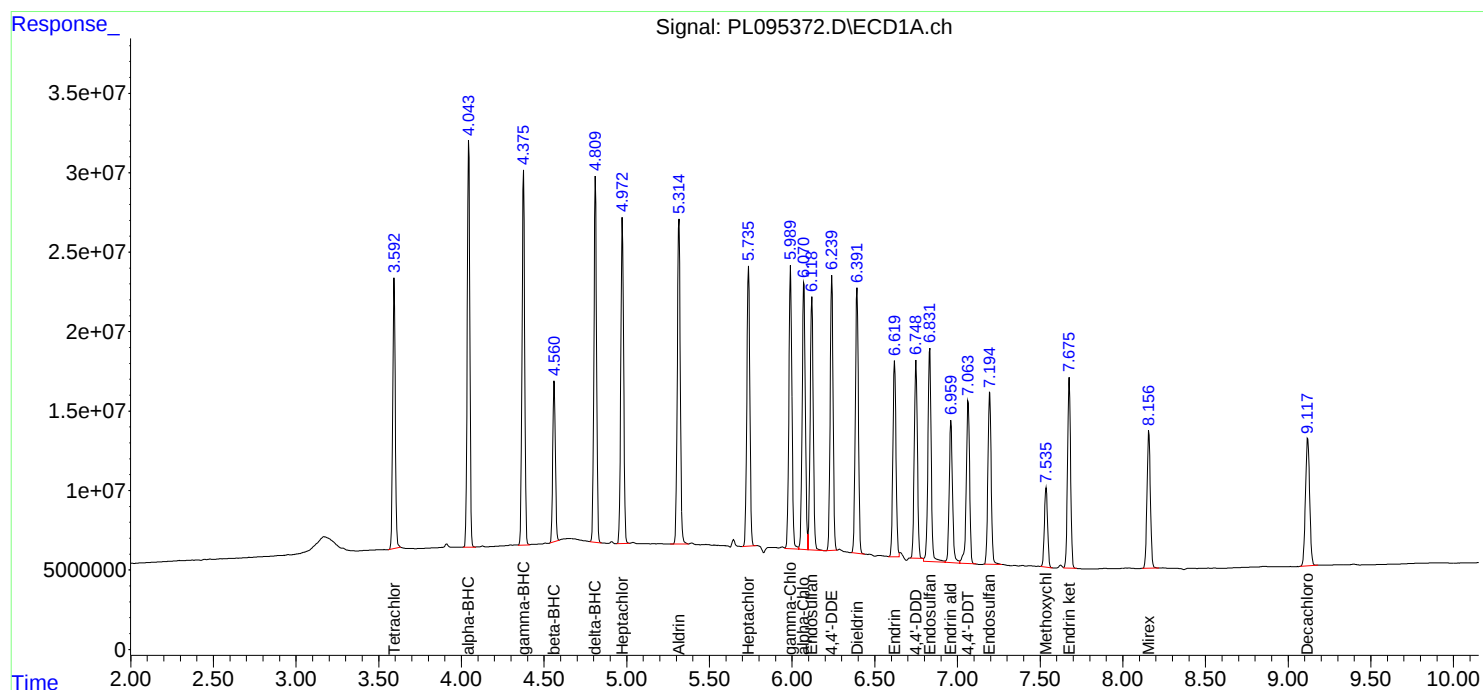
APPROVED

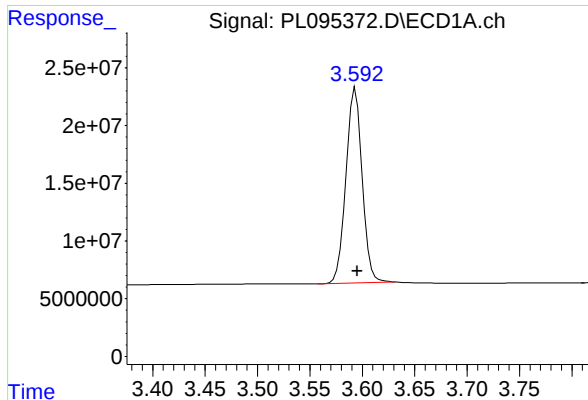
Reviewed By :Abdul Mirza 04/25/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:31:13 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





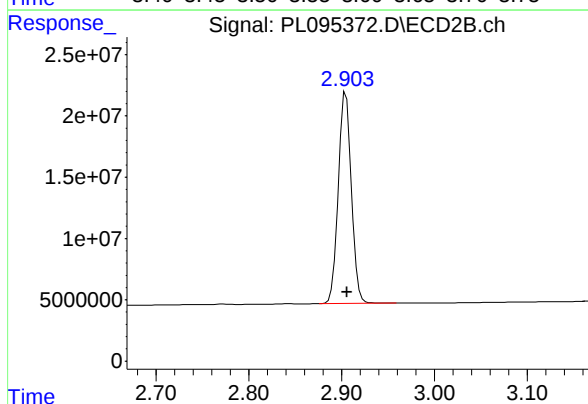
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 183237145
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

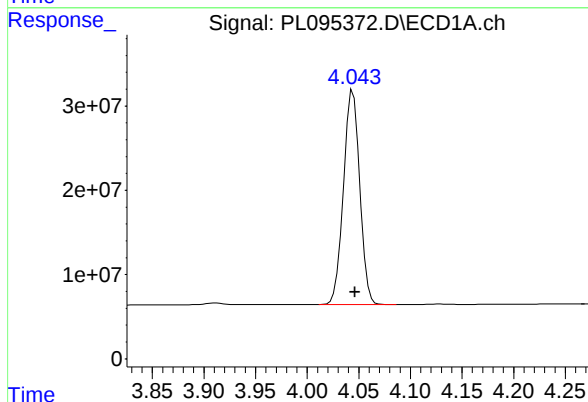
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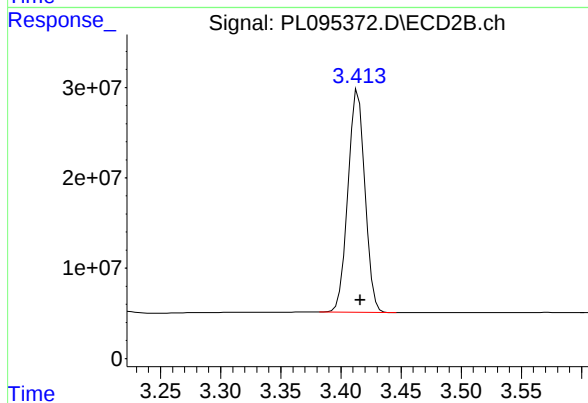
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 168834475
Conc: 53.10 ng/ml



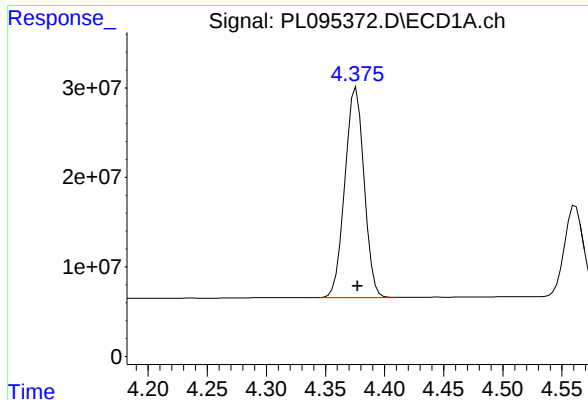
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 279516179
Conc: 56.43 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.002 min
Response: 242187462
Conc: 54.44 ng/ml



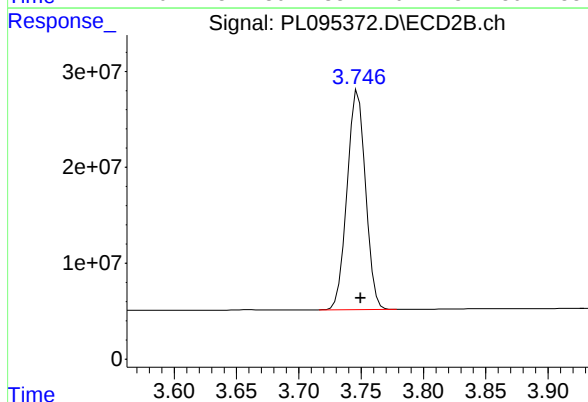
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 265468691
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

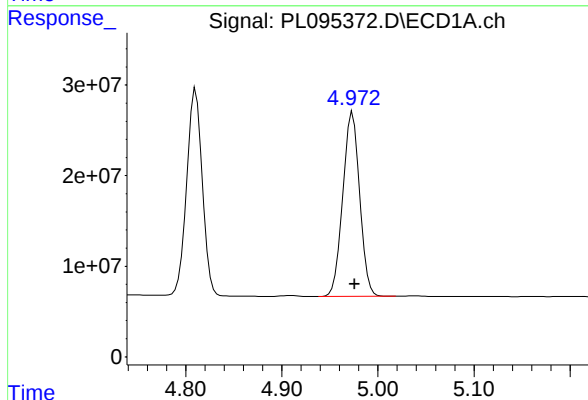
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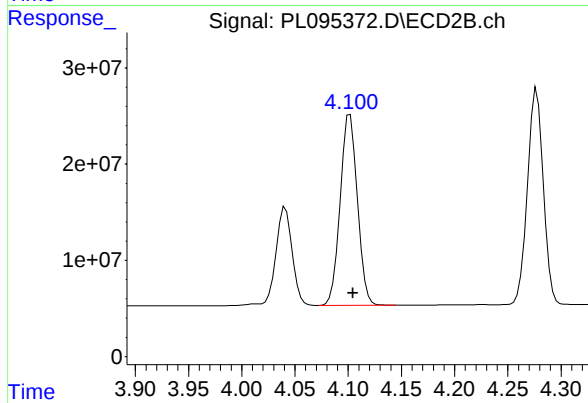
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 235213754
Conc: 53.48 ng/ml



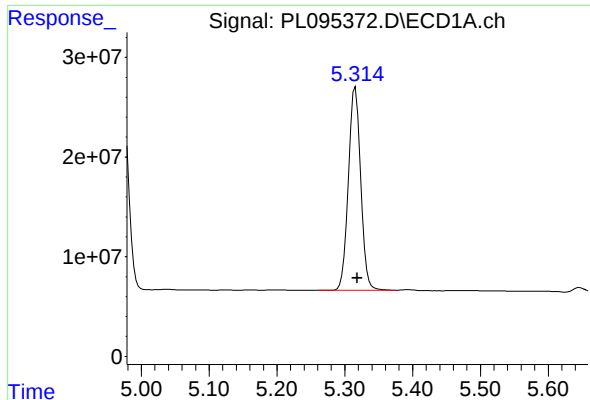
#4 Heptachlor

R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 246491927
Conc: 53.88 ng/ml



#4 Heptachlor

R.T.: 4.102 min
Delta R.T.: -0.003 min
Response: 222263366
Conc: 51.02 ng/ml



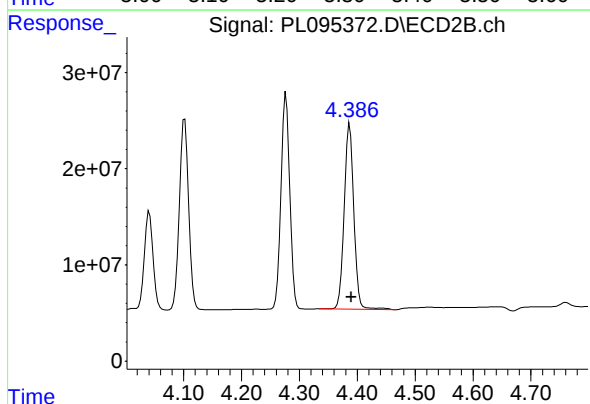
#5 Aldrin

R.T.: 5.316 min
Delta R.T.: -0.002 min
Response: 254284687
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

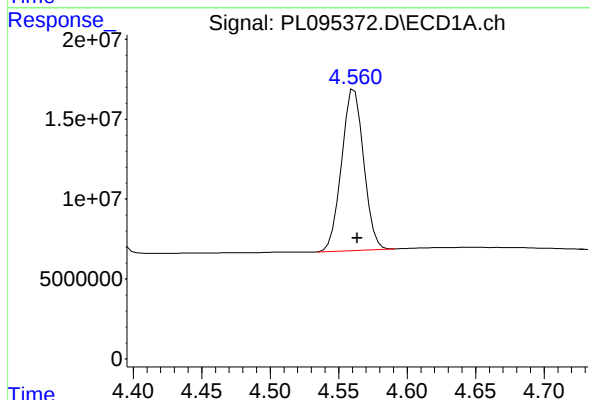
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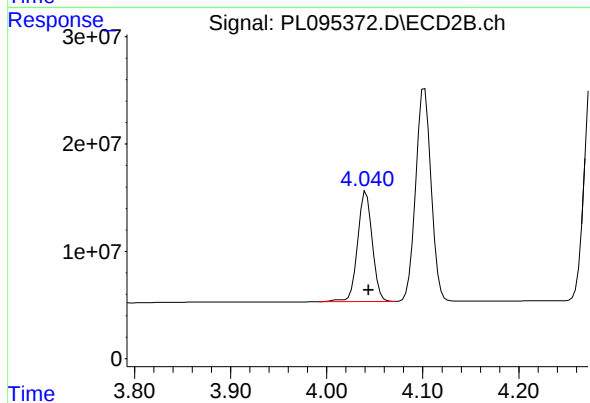
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 222792810
Conc: 54.13 ng/ml



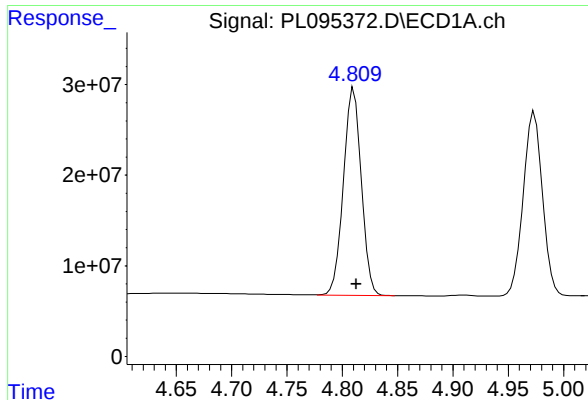
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 113355913
Conc: 54.83 ng/ml



#6 beta-BHC

R.T.: 4.041 min
Delta R.T.: -0.003 min
Response: 108987930
Conc: 52.50 ng/ml



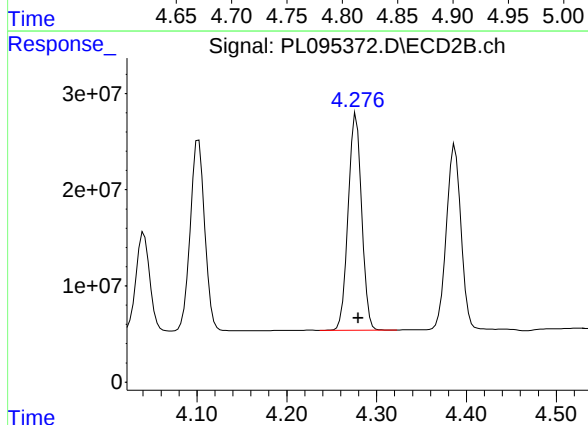
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 257963323
Conc: 55.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

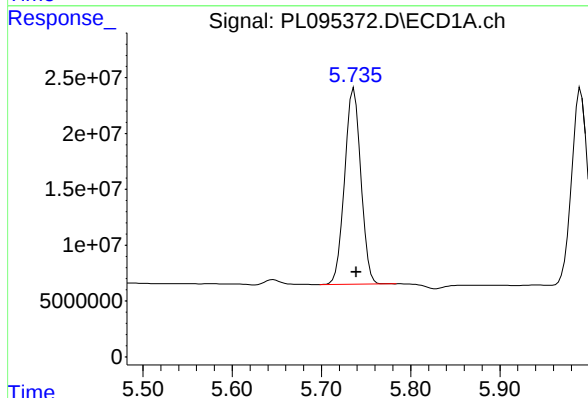
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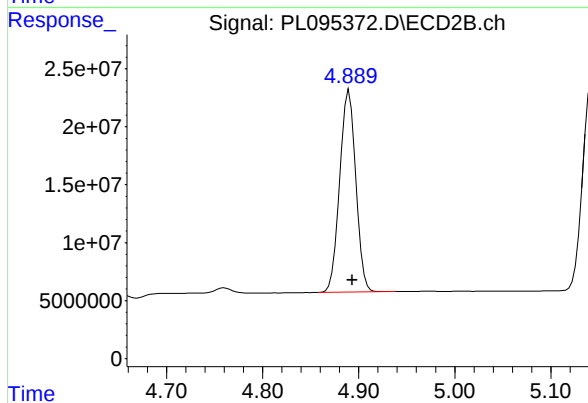
#7 delta-BHC

R.T.: 4.277 min
Delta R.T.: -0.003 min
Response: 233591268
Conc: 53.31 ng/ml



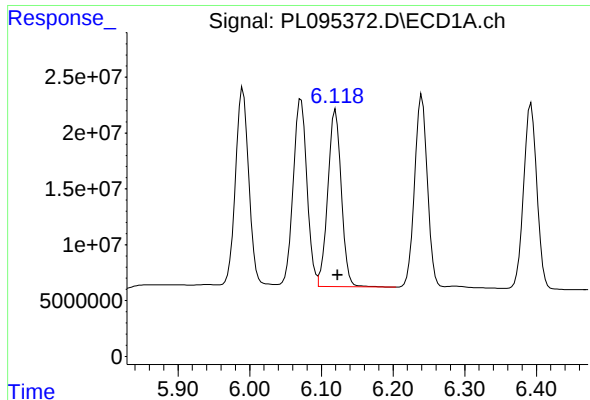
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 222025275
Conc: 55.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 200521347
Conc: 51.91 ng/ml



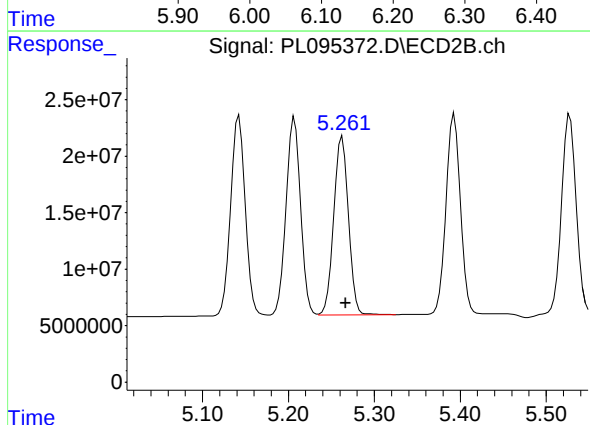
#9 Endosulfan I

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 207707210
Conc: 54.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

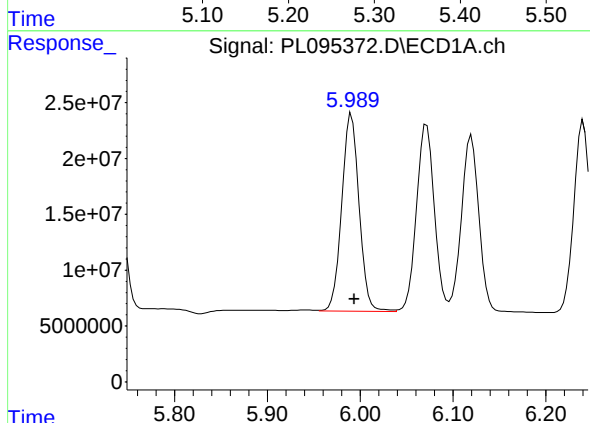
Manual Integrations
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Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



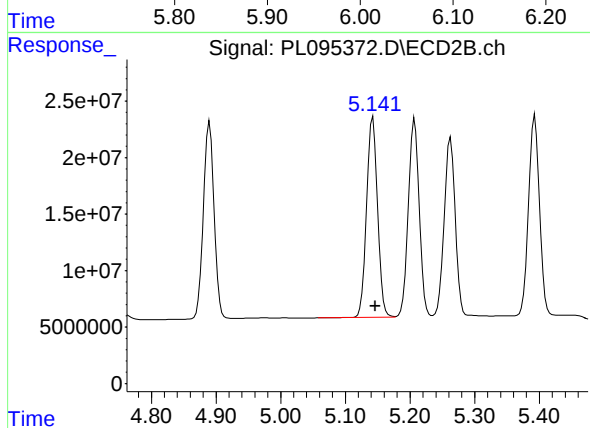
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: -0.004 min
Response: 188811212
Conc: 51.58 ng/ml



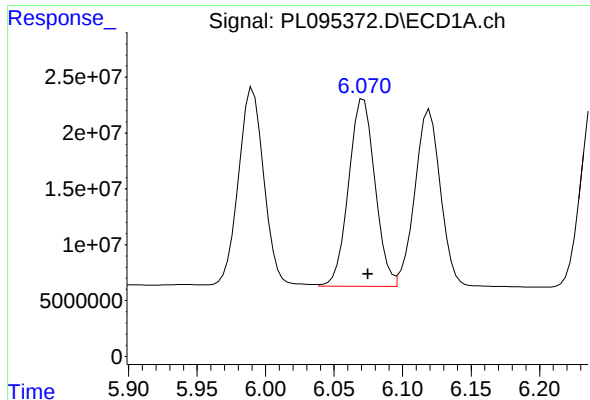
#10 gamma-Chlordane

R.T.: 5.991 min
Delta R.T.: -0.003 min
Response: 229165470
Conc: 56.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 208592972
Conc: 51.47 ng/ml



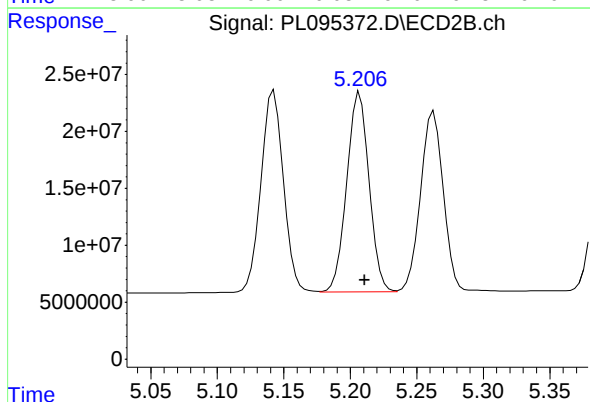
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 224545476
Conc: 55.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

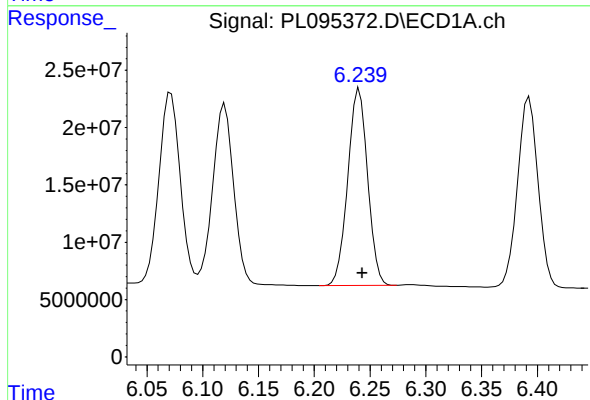
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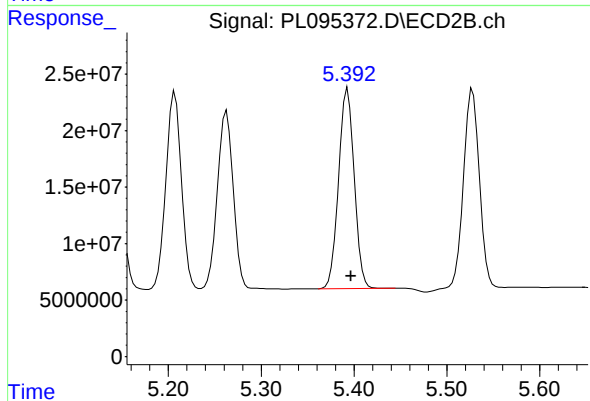
#11 alpha-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.003 min
Response: 205136576
Conc: 51.53 ng/ml



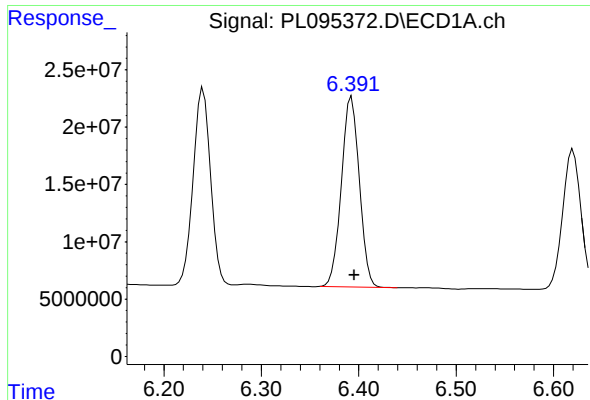
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.003 min
Response: 212384472
Conc: 54.17 ng/ml



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 207682497
Conc: 51.07 ng/ml



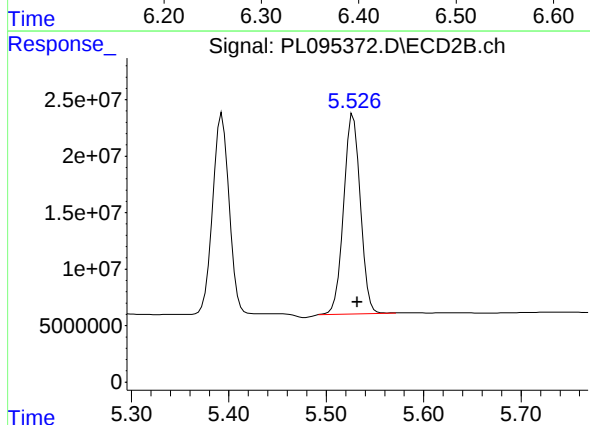
#13 Dieldrin

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 212530421
Conc: 55.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

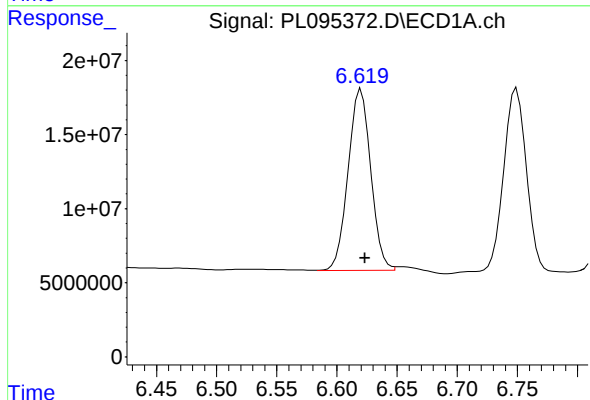
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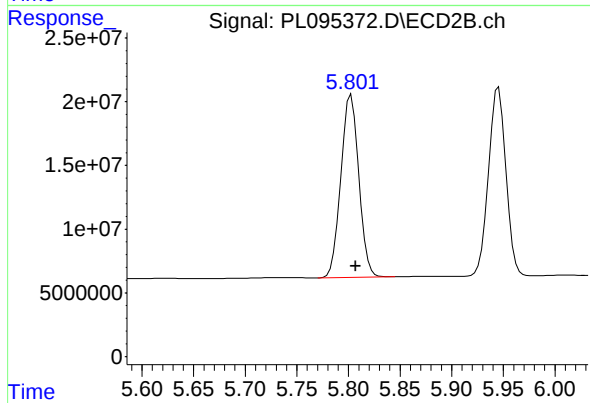
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 210827538
Conc: 51.84 ng/ml



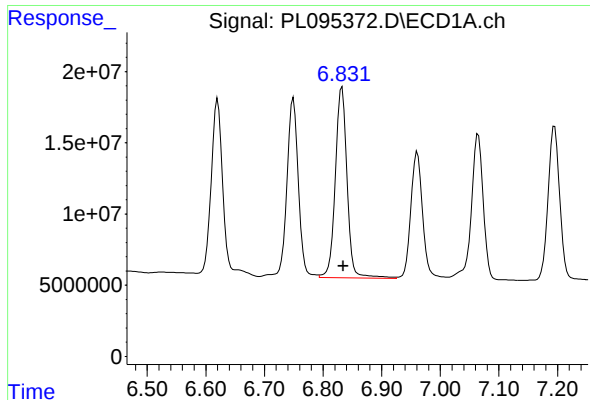
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 160782120
Conc: 50.49 ng/ml m



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 173538135
Conc: 47.67 ng/ml



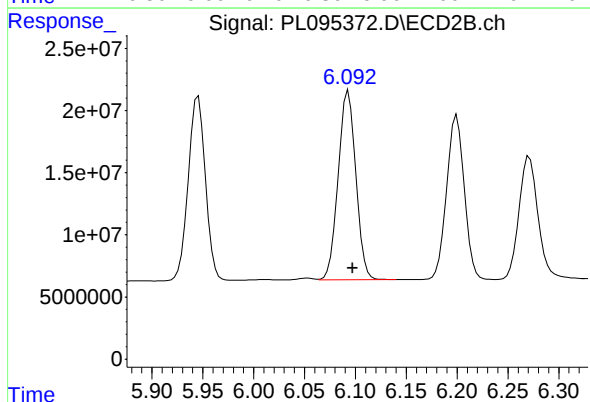
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 185359255
Conc: 58.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

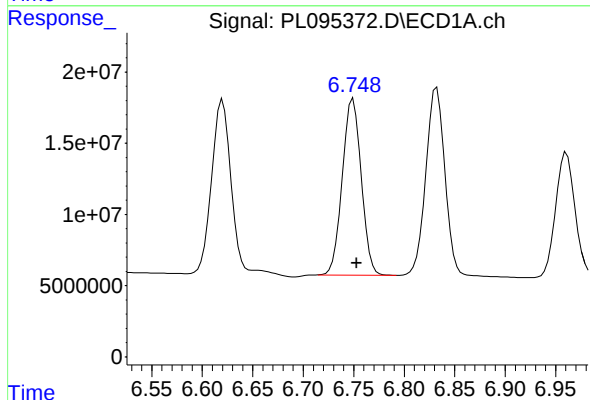
Manual Integrations
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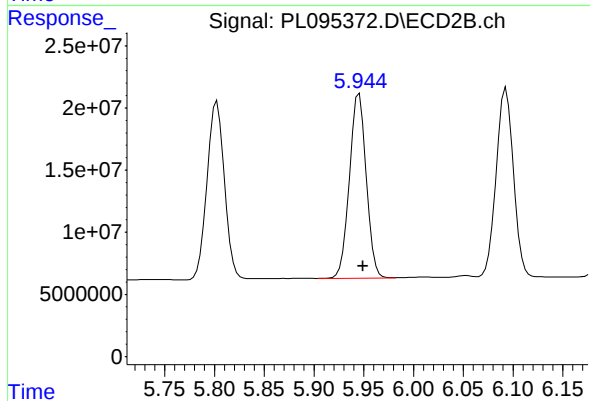
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 183658991
Conc: 51.14 ng/ml



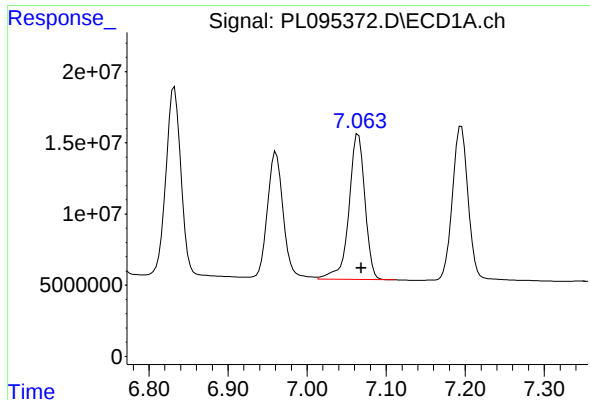
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 162358901
Conc: 57.35 ng/ml m



#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 174619167
Conc: 53.45 ng/ml



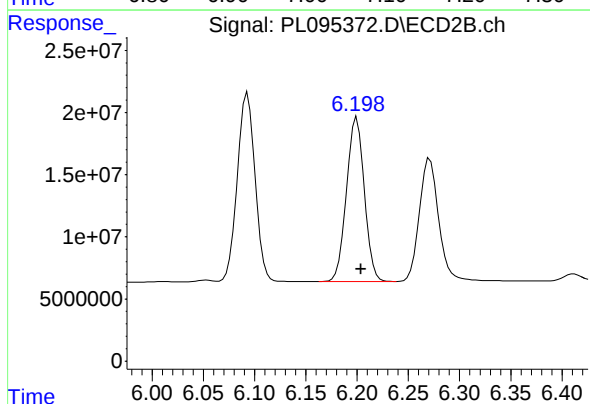
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: -0.004 min
Response: 143186272
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

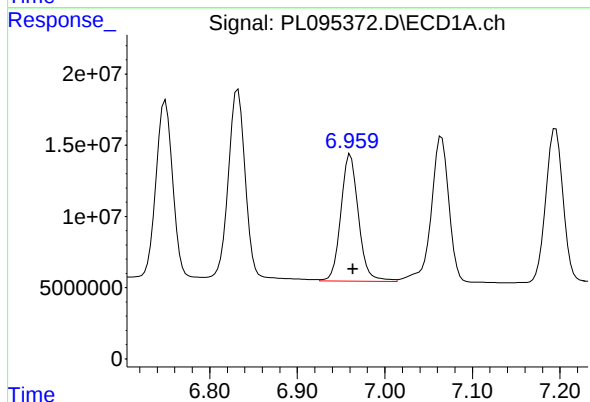
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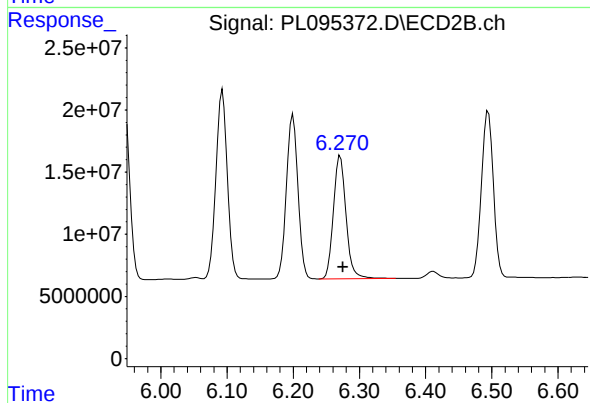
#17 4,4'-DDT

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 159533743
Conc: 46.43 ng/ml



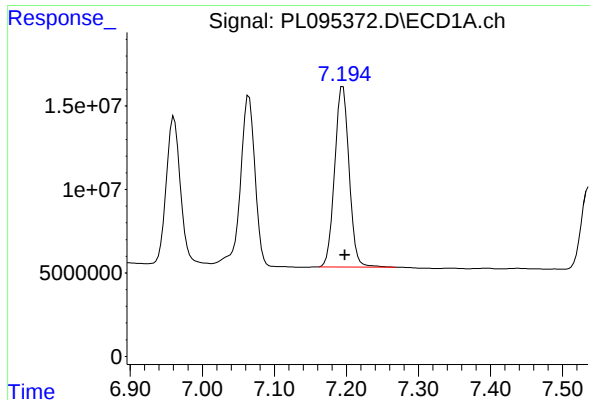
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.003 min
Response: 124656132
Conc: 53.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.004 min
Response: 129954631
Conc: 49.73 ng/ml



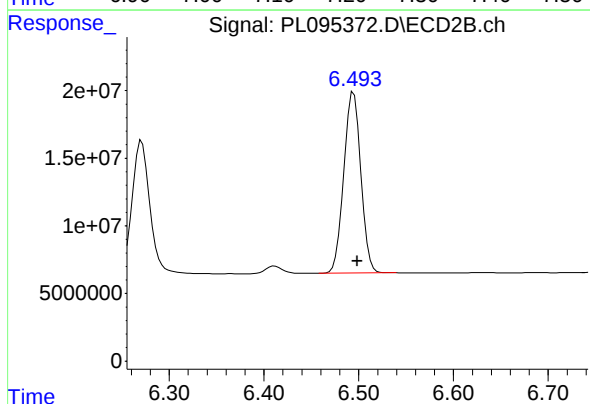
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: -0.003 min
Response: 149383030
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

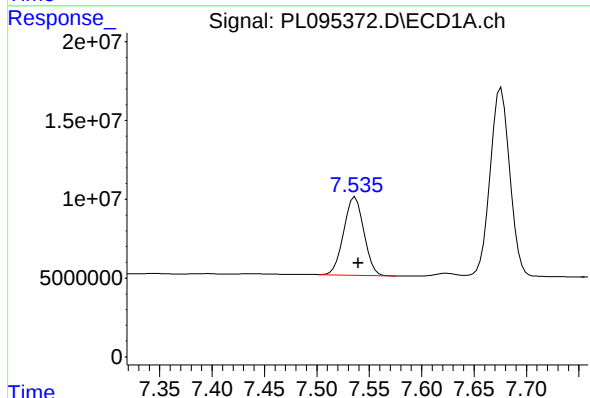
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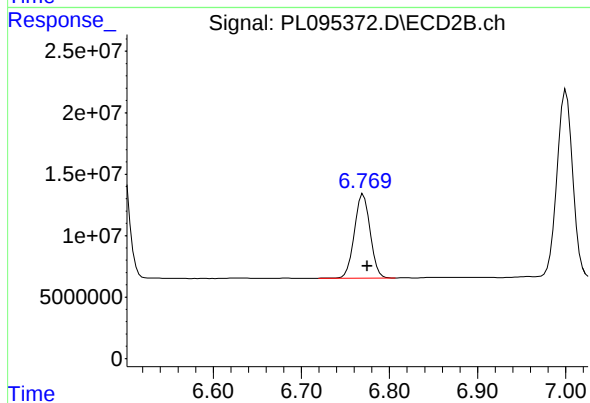
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 167478436
Conc: 50.48 ng/ml



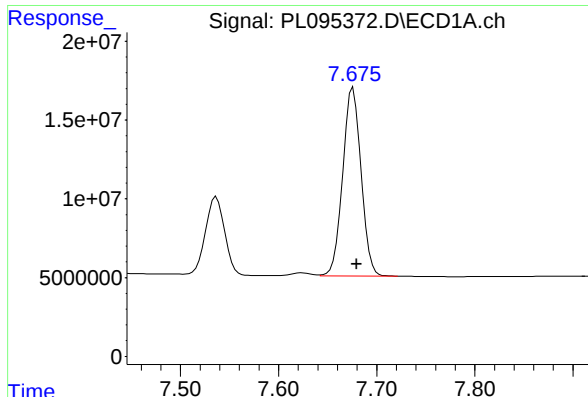
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: -0.003 min
Response: 66628478
Conc: 47.76 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 84826345
Conc: 44.47 ng/ml



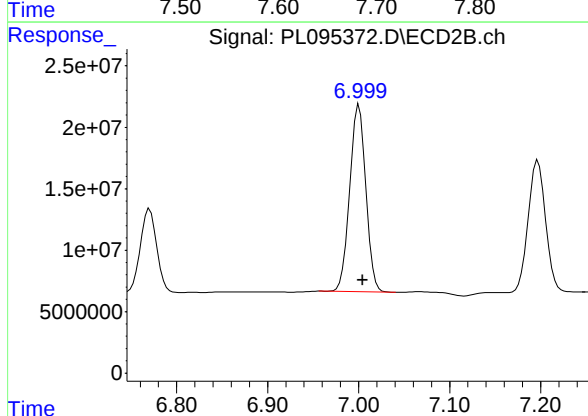
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.003 min
Response: 155487672
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

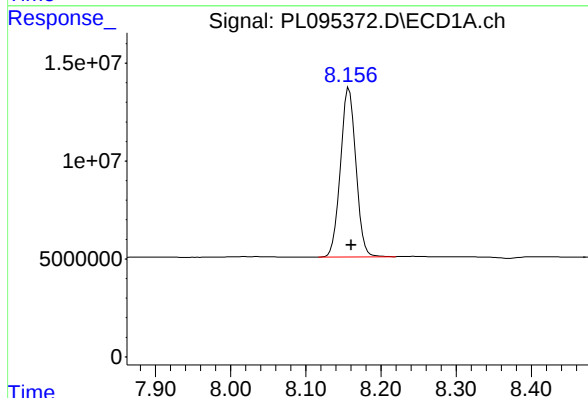
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



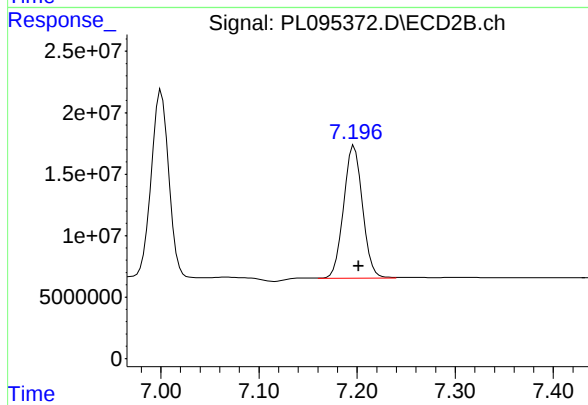
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.004 min
Response: 187827221
Conc: 53.34 ng/ml



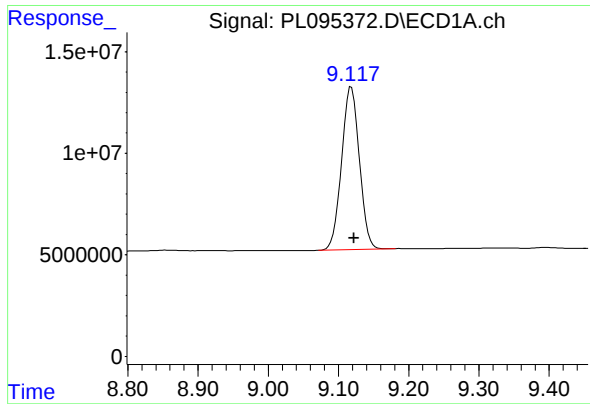
#22 Mirex

R.T.: 8.158 min
Delta R.T.: -0.003 min
Response: 123147031
Conc: 51.83 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 144187361
Conc: 50.02 ng/ml m



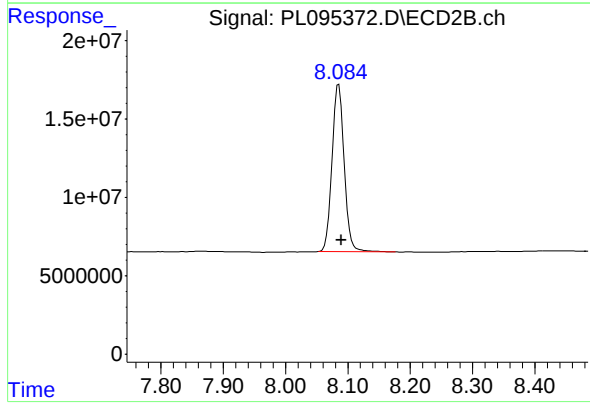
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.004 min
Response: 140741126
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 144719534
Conc: 48.90 ng/ml