

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 11:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:46:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.534	2.826	191.2E6	320.3E6	52.409	55.492
28) SA Decachlor...	9.016	7.991	136.8E6	256.4E6	48.645	51.421
Target Compounds						
2) A alpha-BHC	3.982	3.332	276.5E6	484.5E6	53.758	57.442
3) MA gamma-BHC...	4.310	3.664	265.6E6	447.8E6	53.341	56.863
4) MA Heptachlor	4.903	4.013	248.1E6	436.9E6	54.153	57.432
5) MB Aldrin	5.242	4.296	251.2E6	414.5E6	51.972	56.812
6) B beta-BHC	4.497	3.960	111.9E6	189.2E6	53.809	55.251
7) B delta-BHC	4.742	4.193	241.1E6	439.9E6	53.805	57.117
8) B Heptachlo...	5.662	4.798	227.1E6	370.0E6	54.741	55.342
9) A Endosulfan I	6.044	5.168	207.6E6	346.3E6	51.413	48.271
10) B gamma-Chl...	5.916	5.049	227.7E6	390.8E6	51.468	55.678
11) B alpha-Chl...	5.997	5.114	225.9E6	382.9E6	51.589	50.918
12) B 4,4'-DDE	6.166	5.303	188.5E6	362.6E6	50.838	56.096
13) MA Dieldrin	6.316	5.433	217.1E6	380.6E6	51.338	55.820
14) MA Endrin	6.543	5.708	169.7E6	343.1E6	54.557	56.274
15) B Endosulfa...	6.754	6.000	199.8E6	331.7E6	57.574m	56.567
16) A 4,4'-DDD	6.675	5.855	150.5E6	301.7E6	51.671	58.828
17) MA 4,4'-DDT	6.989	6.108	166.6E6	323.0E6	54.896	56.314
18) B Endrin al...	6.884	6.178	126.5E6	240.1E6	56.574	53.904
19) B Endosulfa...	7.117	6.402	155.7E6	318.1E6	50.917	56.563
20) A Methoxychlor	7.462	6.680	80920625	169.5E6	51.365	55.798
21) B Endrin ke...	7.597	6.906	160.4E6	337.8E6	48.596	54.033
22) Mirex	8.077	7.097	138.7E6	261.3E6	49.841	52.590

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 11:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

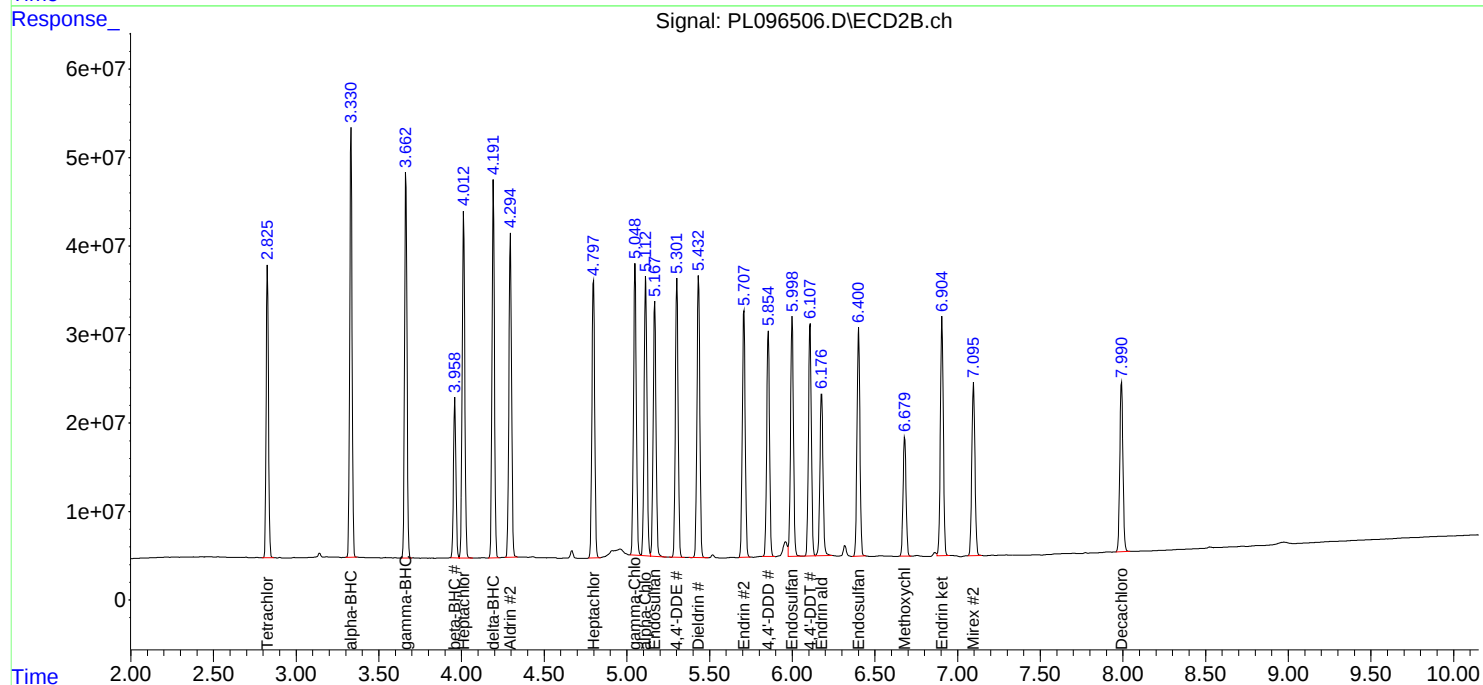
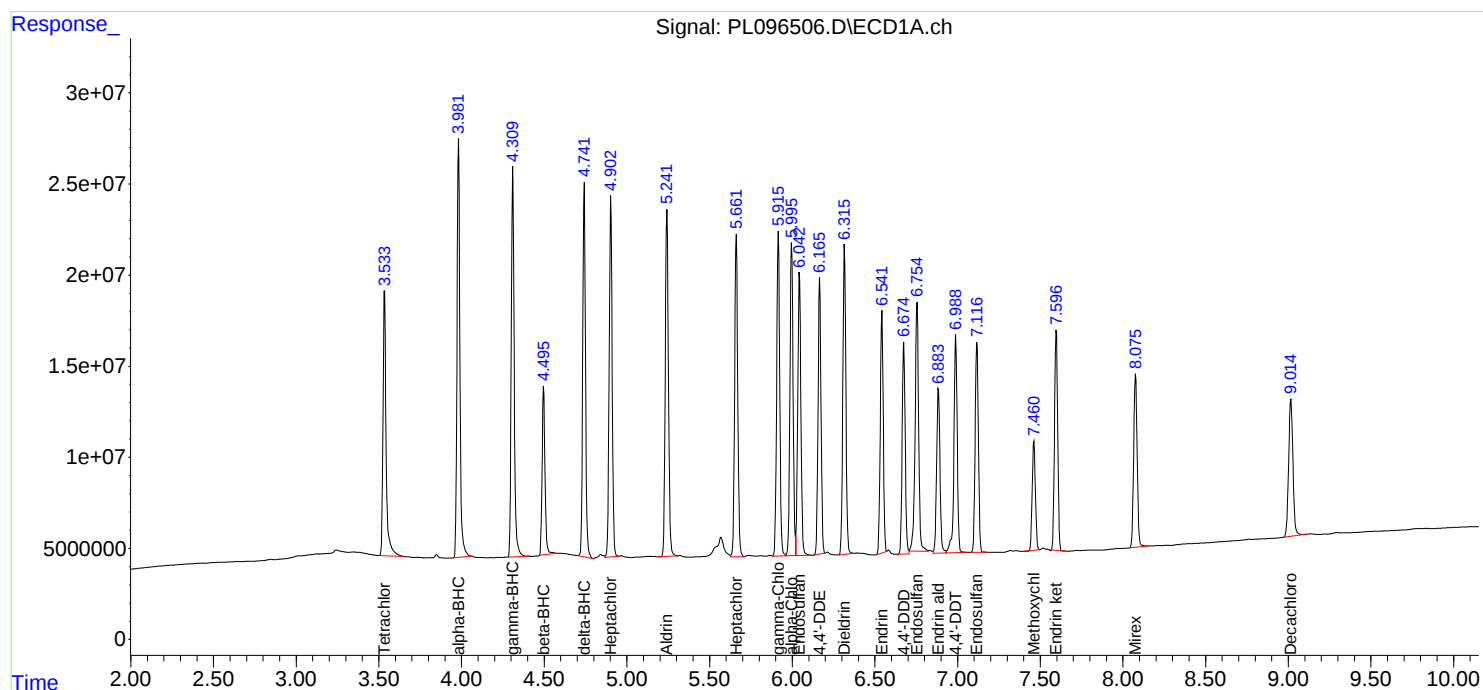
APPROVED

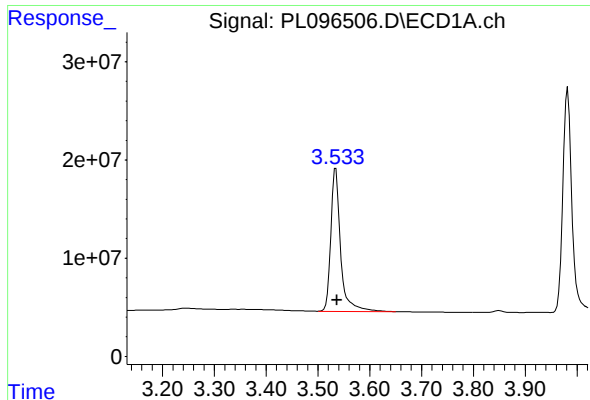
Reviewed By :Abdul Mirza 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





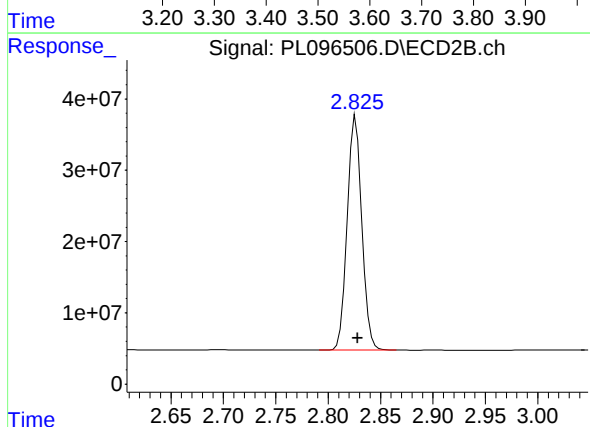
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 191239765
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

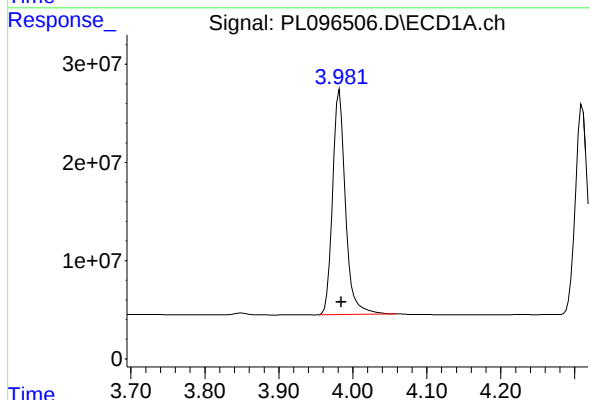
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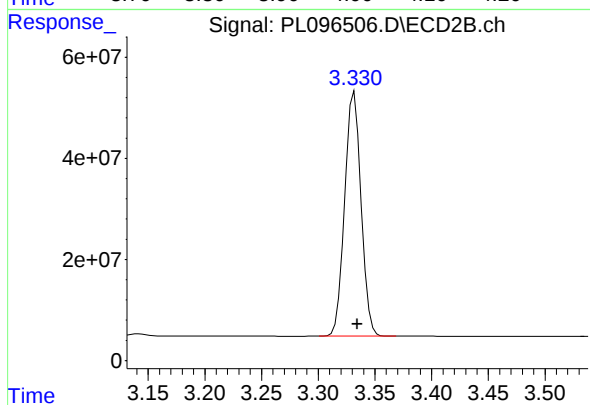
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 320255097
Conc: 55.49 ng/ml



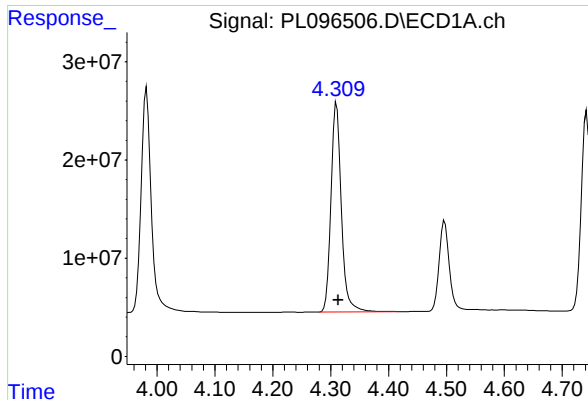
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 276485987
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 484484852
Conc: 57.44 ng/ml



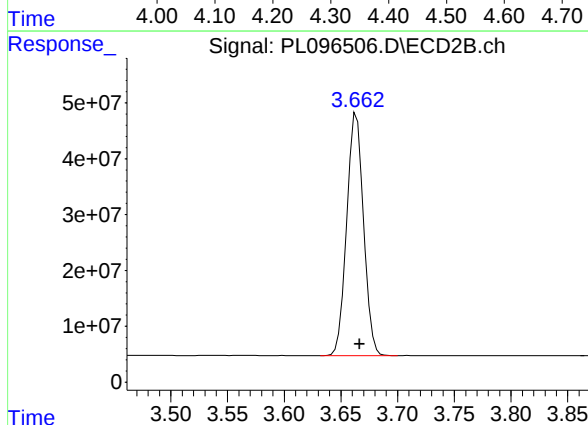
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 265617424
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

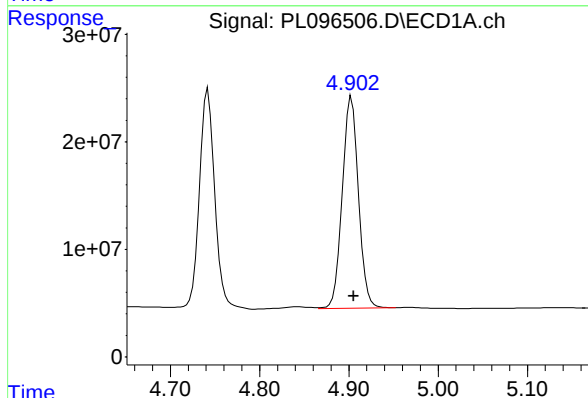
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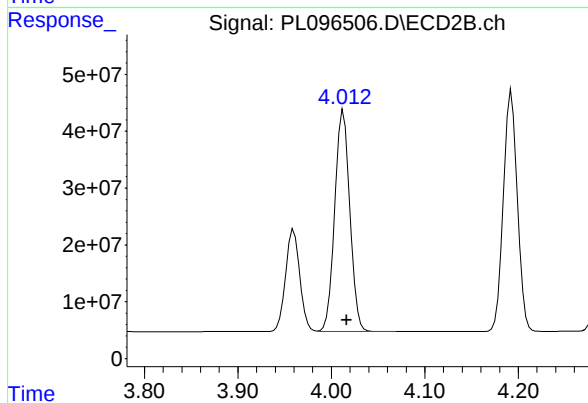
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.003 min
Response: 447841851
Conc: 56.86 ng/ml



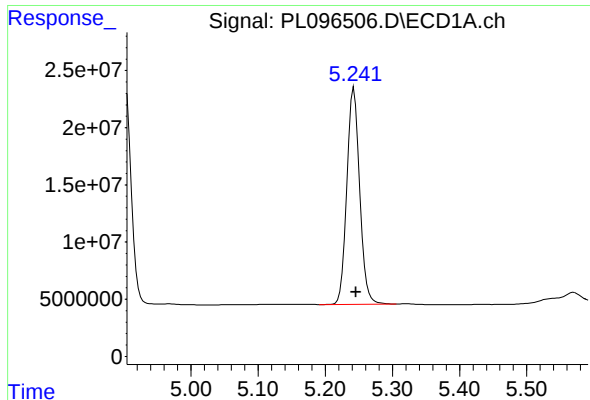
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 248085356
Conc: 54.15 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 436927835
Conc: 57.43 ng/ml



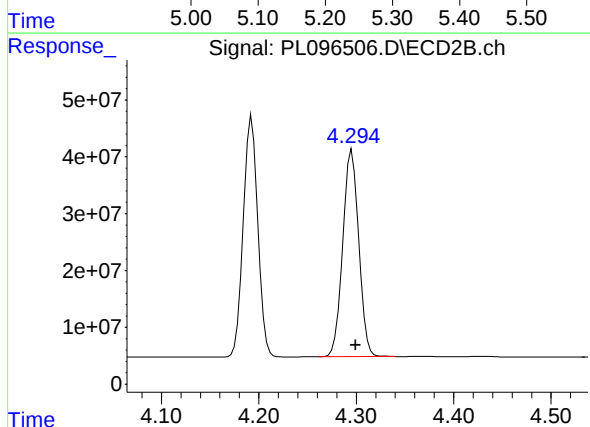
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 251216195
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

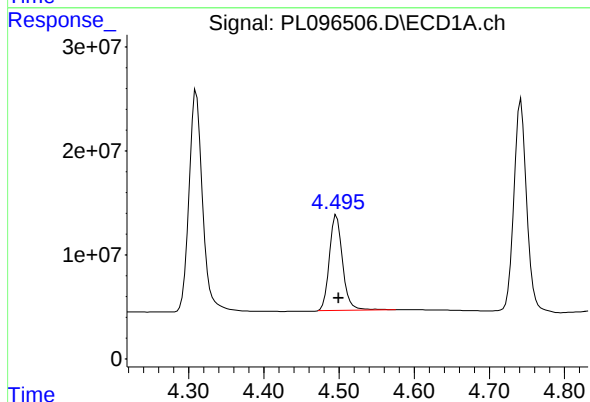
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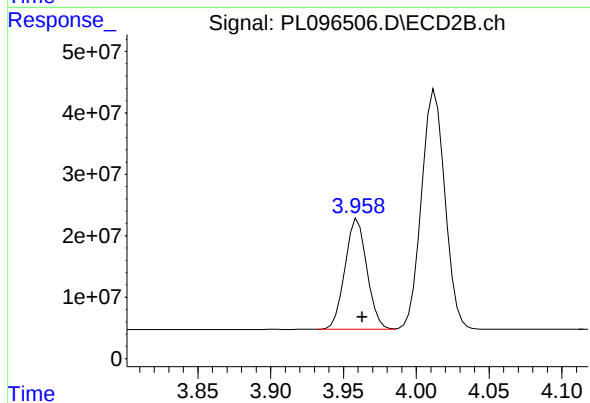
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.004 min
Response: 414480607
Conc: 56.81 ng/ml



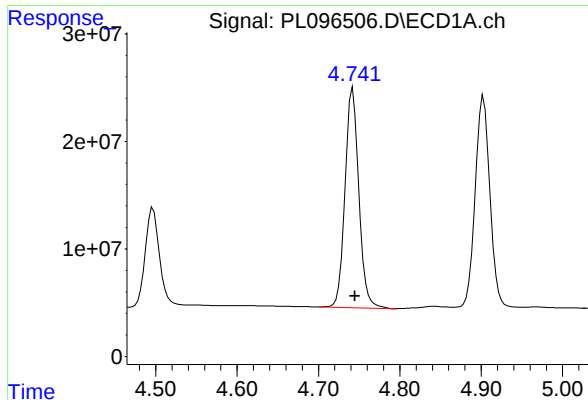
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.003 min
Response: 111858634
Conc: 53.81 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 189173591
Conc: 55.25 ng/ml



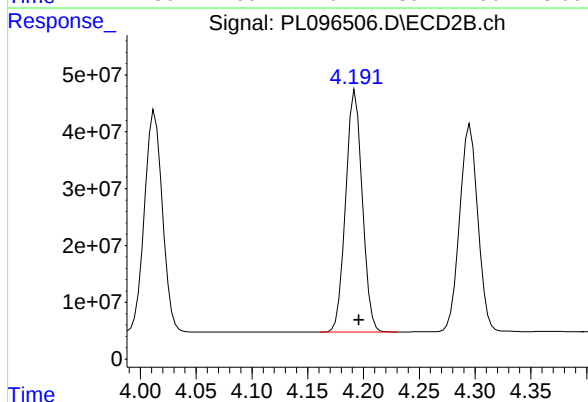
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 241119962
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

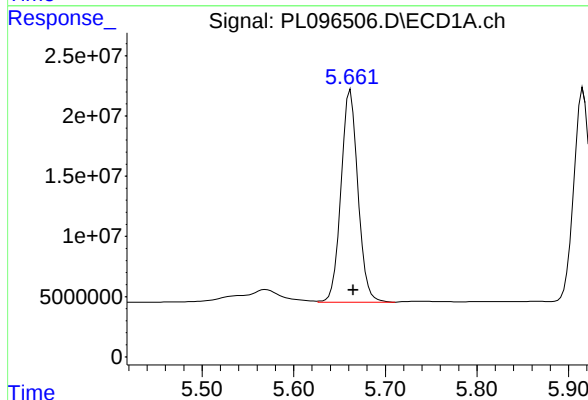
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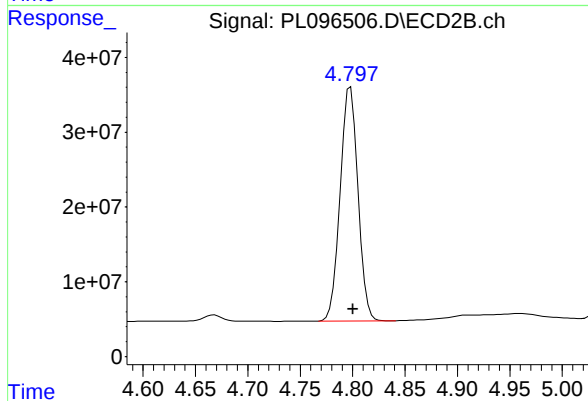
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 439907256
Conc: 57.12 ng/ml



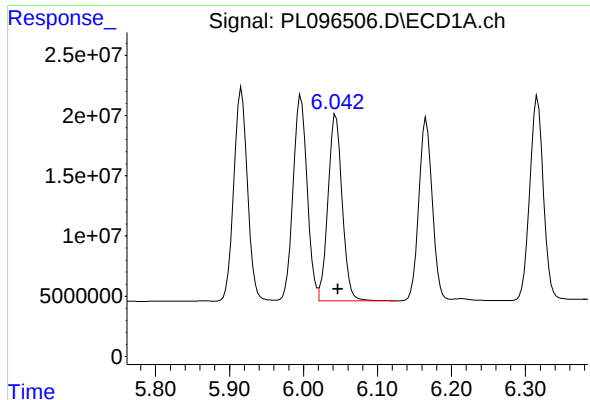
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 227129102
Conc: 54.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 369956699
Conc: 55.34 ng/ml



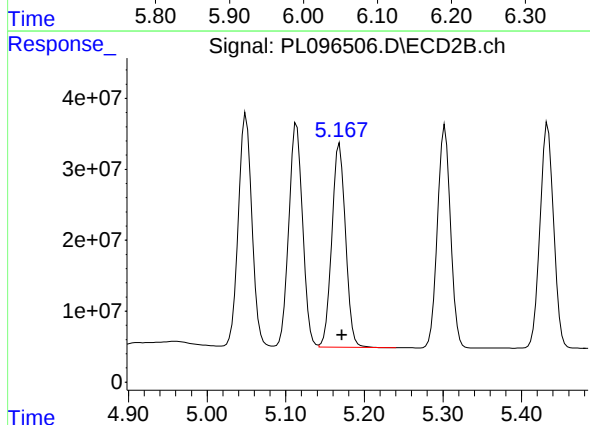
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 207569247
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

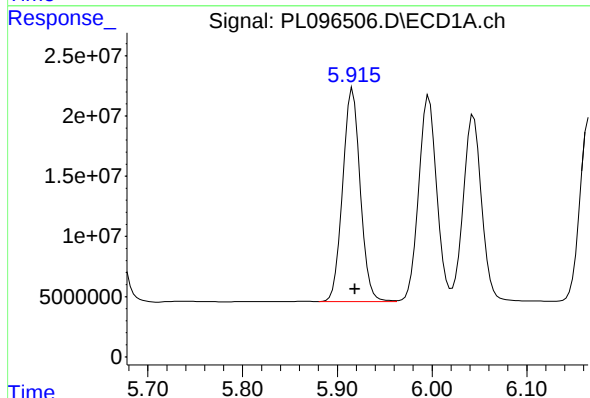
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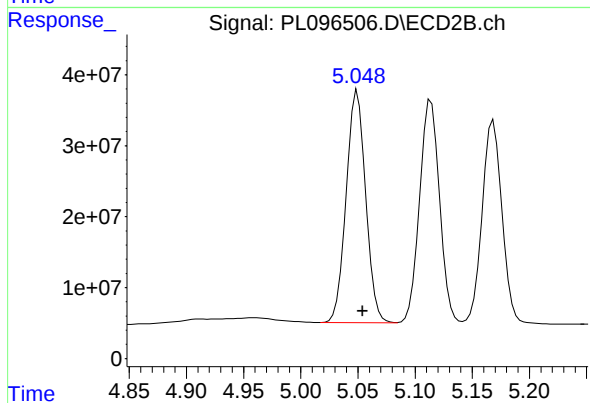
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.003 min
Response: 346305226
Conc: 48.27 ng/ml



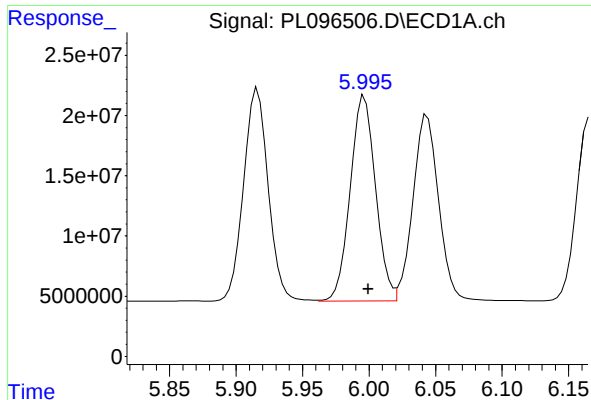
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 227736443
Conc: 51.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.005 min
Response: 390842967
Conc: 55.68 ng/ml



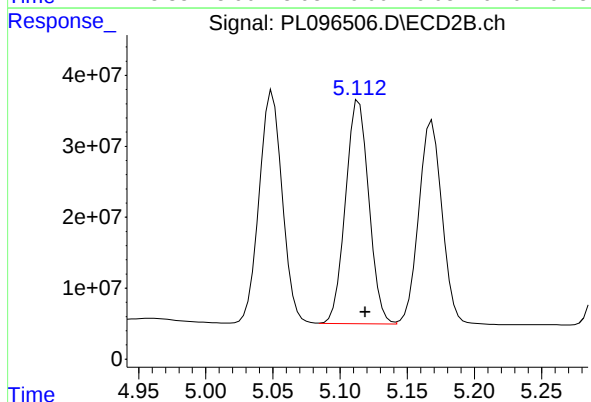
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 225902391
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

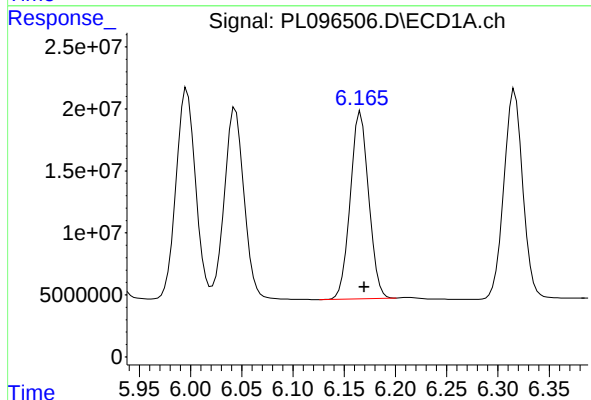
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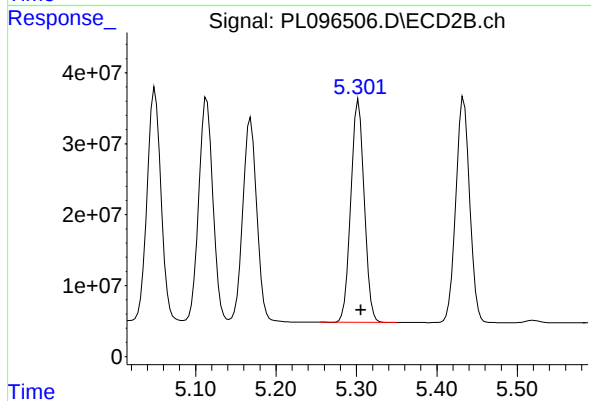
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 382914797
Conc: 50.92 ng/ml



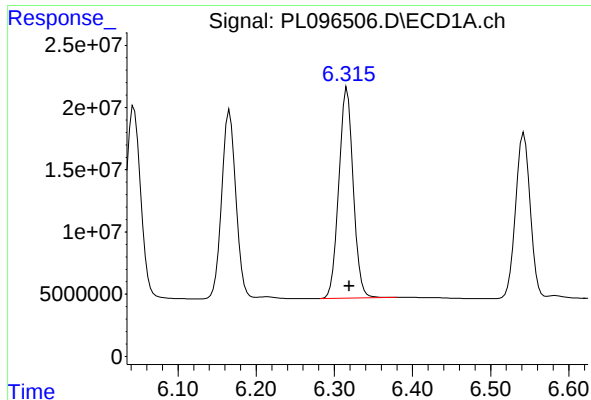
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 188479300
Conc: 50.84 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 362585544
Conc: 56.10 ng/ml



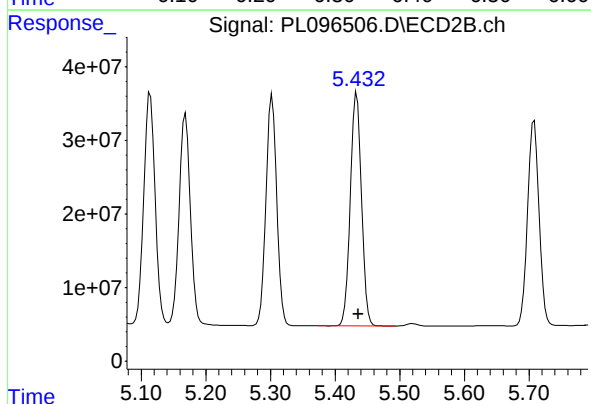
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 217076425
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

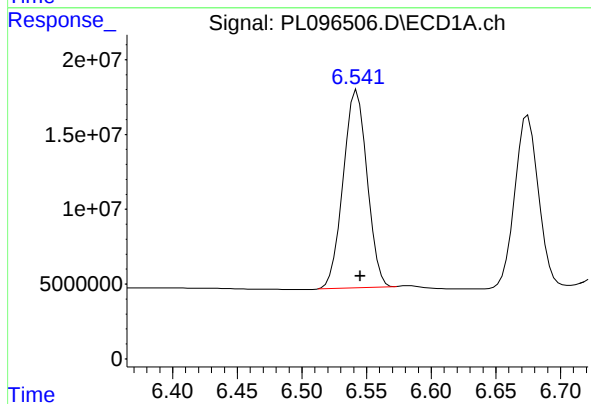
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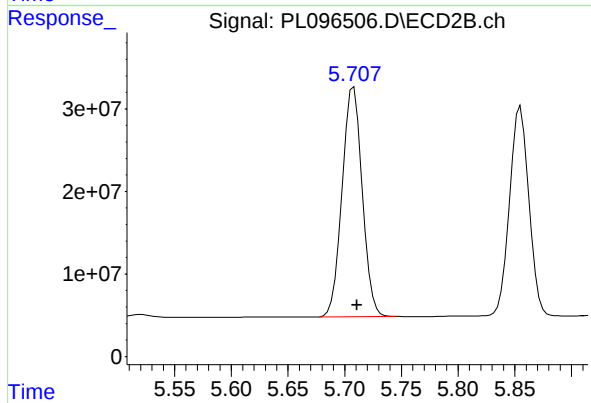
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 380649751
Conc: 55.82 ng/ml



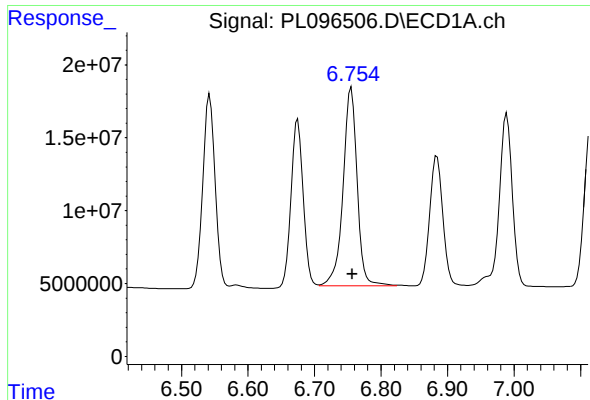
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 169685275
Conc: 54.56 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 343075741
Conc: 56.27 ng/ml



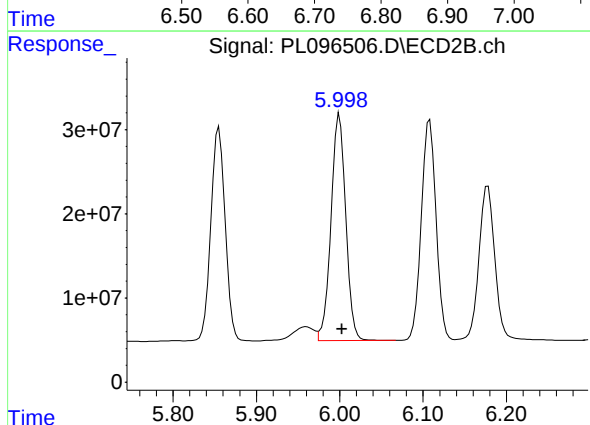
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 199785016
Conc: 57.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

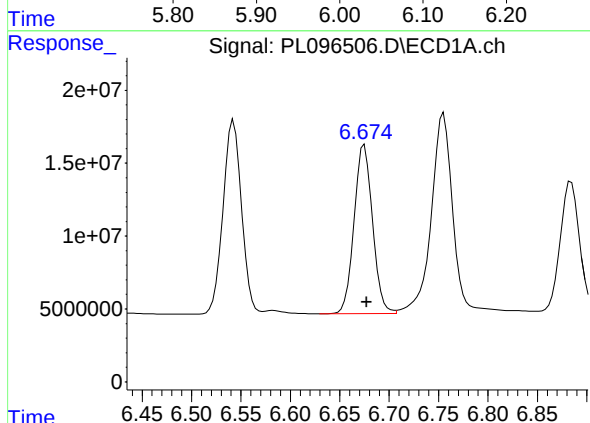
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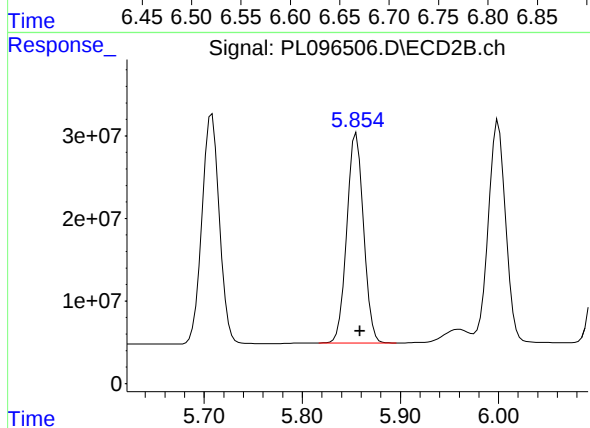
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 331705023
Conc: 56.57 ng/ml



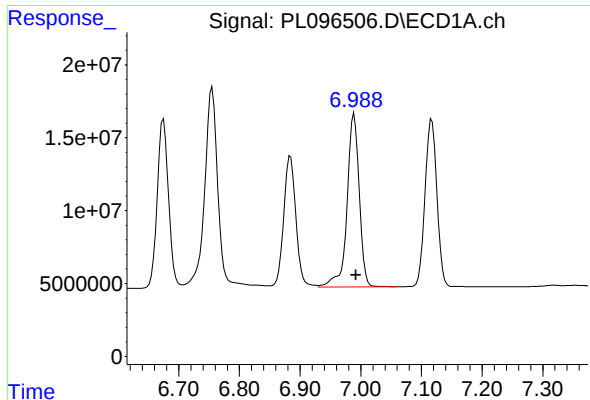
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 150450217
Conc: 51.67 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 301712298
Conc: 58.83 ng/ml



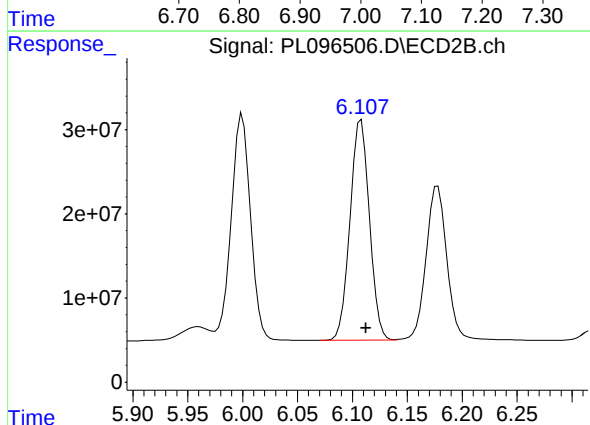
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 166619776
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

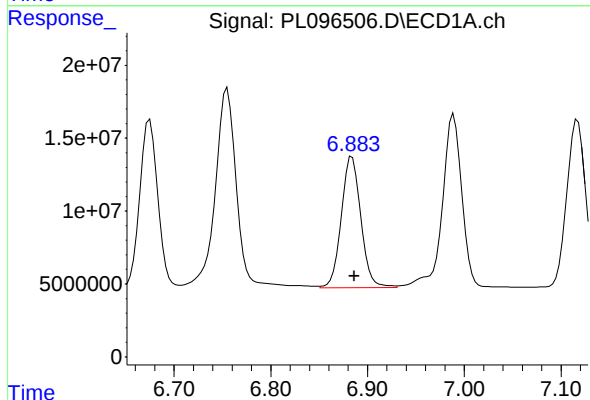
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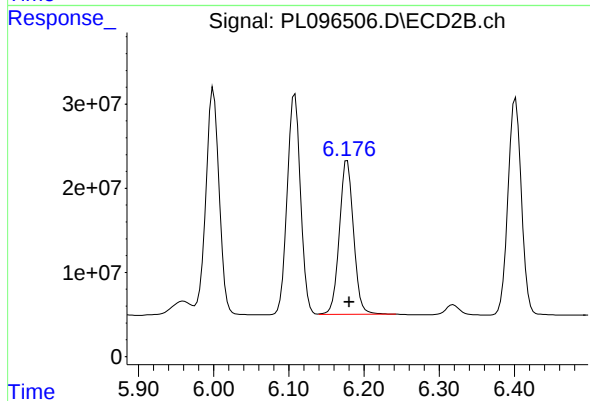
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 322970242
Conc: 56.31 ng/ml



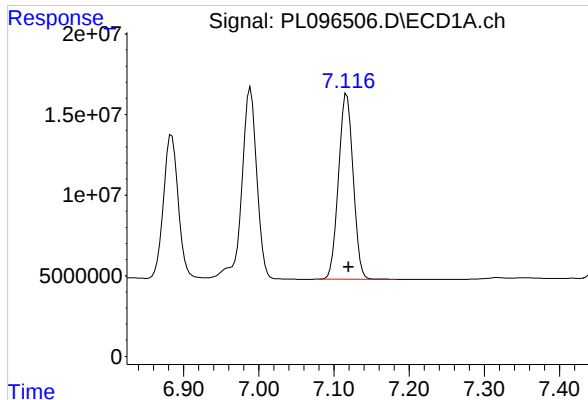
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 126473518
Conc: 56.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.003 min
Response: 240118997
Conc: 53.90 ng/ml



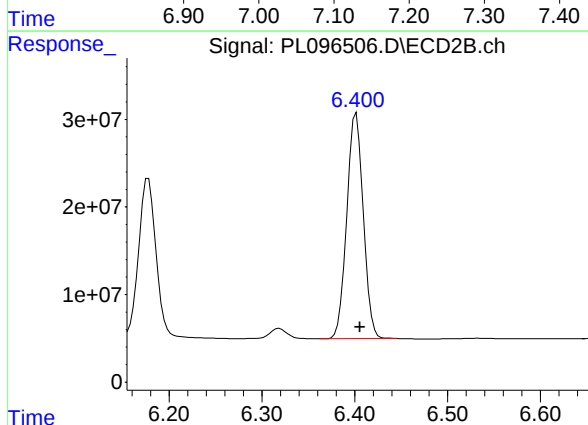
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 155746993
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

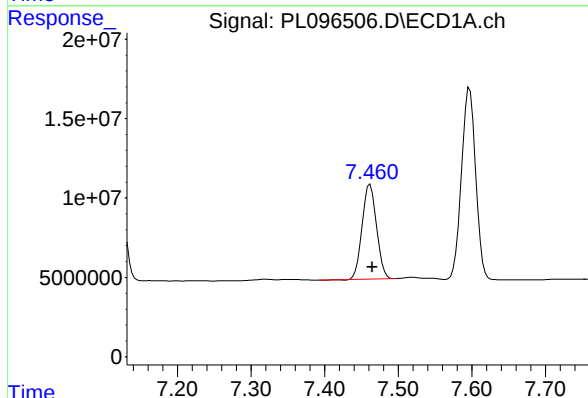
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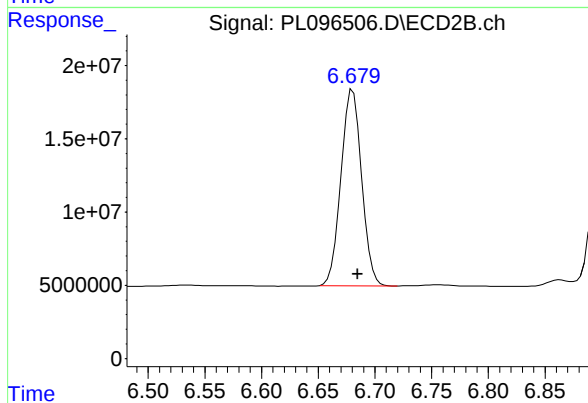
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 318131969
Conc: 56.56 ng/ml



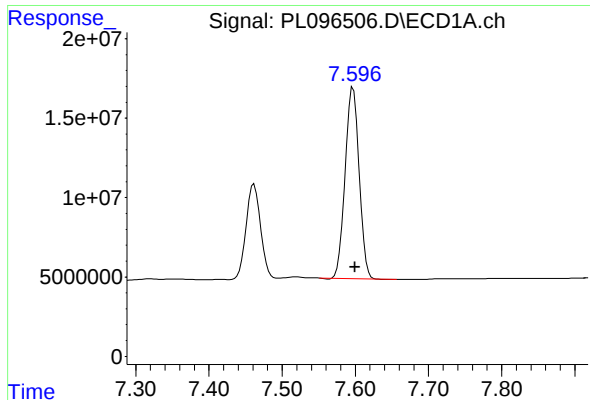
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 80920625
Conc: 51.37 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 169502134
Conc: 55.80 ng/ml



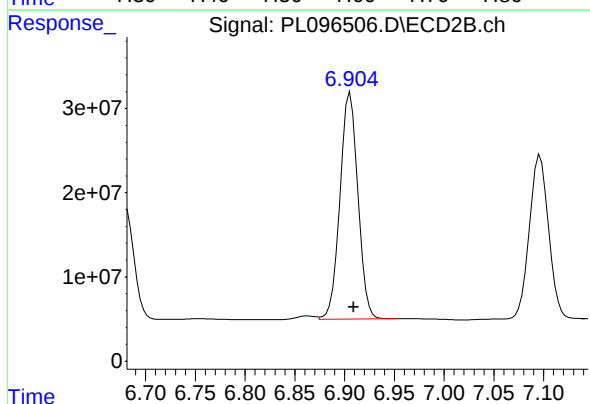
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 160444670
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

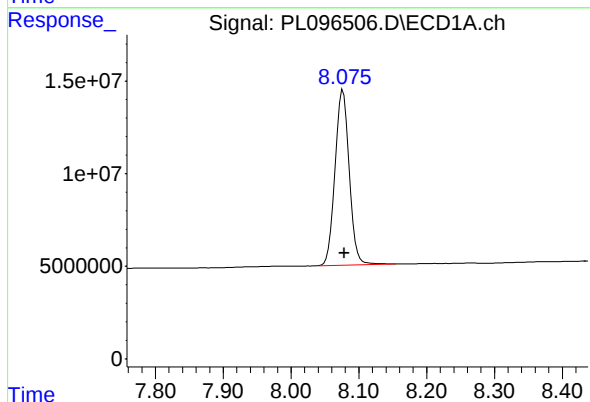
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



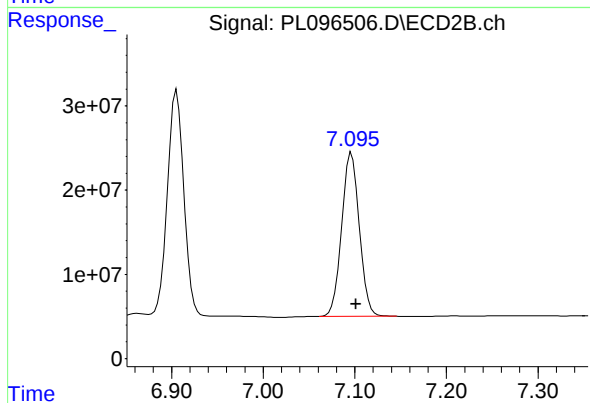
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 337824440
Conc: 54.03 ng/ml



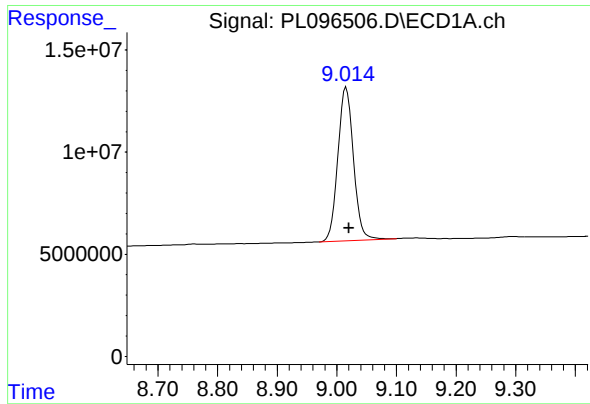
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.002 min
Response: 138668598
Conc: 49.84 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.005 min
Response: 261278594
Conc: 52.59 ng/ml



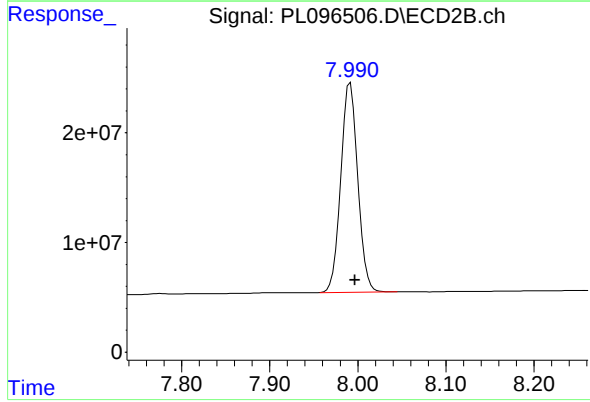
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.004 min
Response: 136841290
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 256410003
Conc: 51.42 ng/ml