

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
 Data File : PL095687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 13:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 14:15:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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...	3.594	2.905	199.5E6	216.8E6	48.837	46.293
28) SA Decachlor...	9.116	8.082	177.8E6	196.4E6	52.419	47.611
Target Compounds						
2) A alpha-BHC	4.044	3.414	291.3E6	338.9E6	49.791	47.388
3) MA gamma-BHC...	4.375	3.748	275.9E6	319.4E6	49.569	47.299
4) MA Heptachlor	4.972	4.101	270.7E6	309.9E6	49.707	47.503
5) MB Aldrin	5.315	4.387	286.9E6	297.0E6	49.944	46.571
6) B beta-BHC	4.561	4.042	120.6E6	136.6E6	49.237	45.268
7) B delta-BHC	4.809	4.278	264.8E6	323.4E6	48.747	47.505
8) B Heptachlo...	5.735	4.890	242.0E6	268.5E6	46.696	46.452
9) A Endosulfan I	6.118	5.263	239.2E6	255.5E6	48.865	49.408
10) B gamma-Chl...	5.989	5.143	257.2E6	275.9E6	48.032	46.318
11) B alpha-Chl...	6.071	5.207	257.5E6	270.9E6	49.532	45.905
12) B 4,4'-DDE	6.239	5.391	260.0E6	277.5E6	50.791	46.508m
13) MA Dieldrin	6.392	5.528	236.8E6	286.0E6	48.053	46.485
14) MA Endrin	6.619	5.803	197.4E6	249.4E6	51.528	46.807
15) B Endosulfa...	6.829	6.093	242.2E6	254.4E6	58.101m	46.446
16) A 4,4'-DDD	6.749	5.945	181.1E6	231.5E6	46.604	45.023
17) MA 4,4'-DDT	7.064	6.199	199.8E6	249.6E6	55.528	49.734
18) B Endrin al...	6.960	6.271	134.9E6	180.8E6	45.936	47.212
19) B Endosulfa...	7.193	6.494	172.6E6	226.4E6	47.035	45.538
20) A Methoxychlor	7.535	6.768	91592616	135.5E6	54.324	50.069
21) B Endrin ke...	7.675	7.001	183.7E6	253.1E6	49.029	43.069
22) Mirex	8.156	7.195	146.8E6	190.6E6	48.230	44.195

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051525\
Data File : PL095687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 13:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

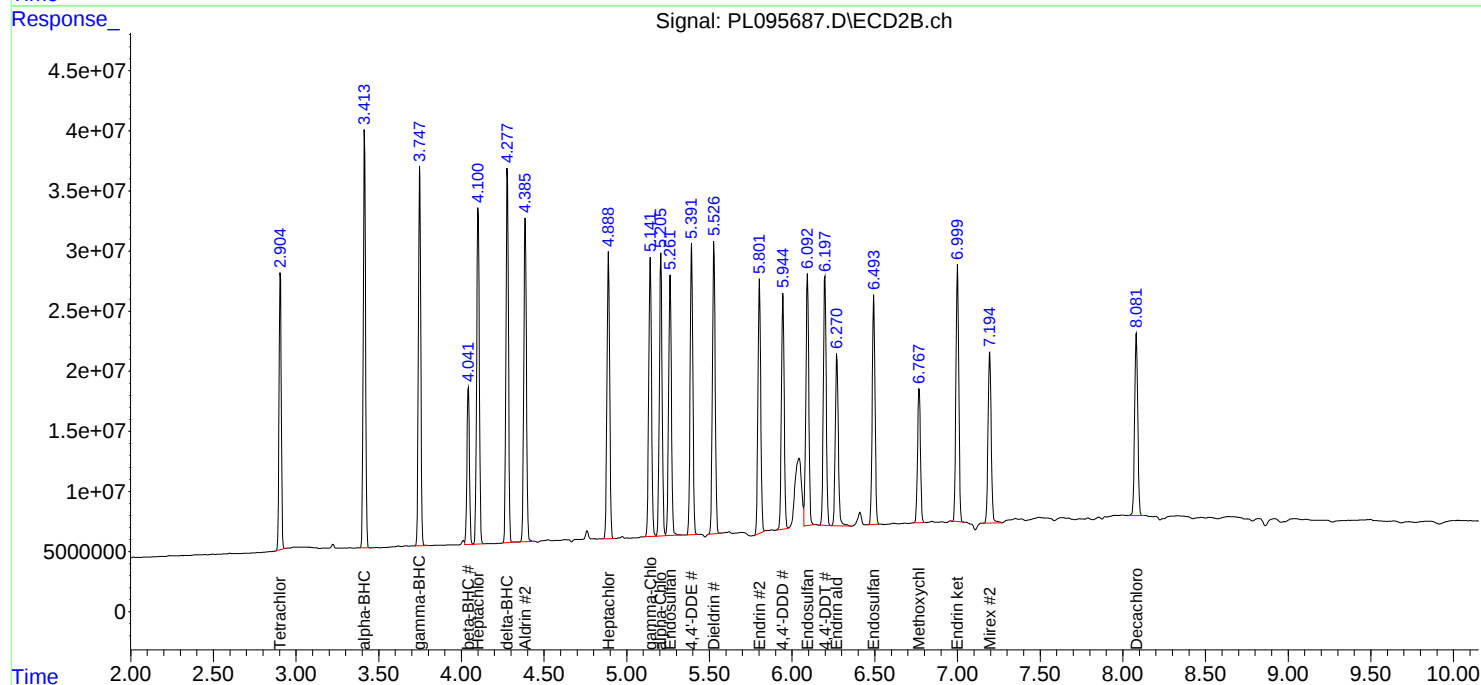
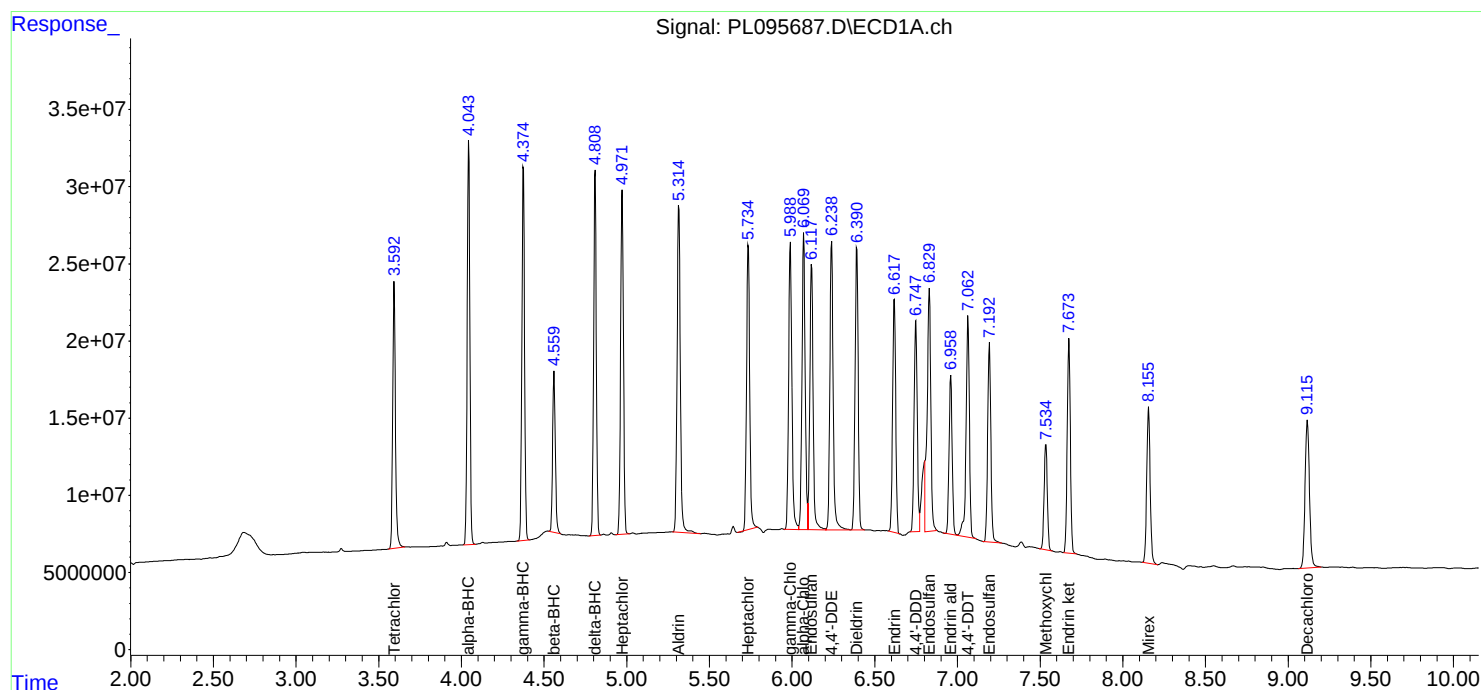
APPROVED

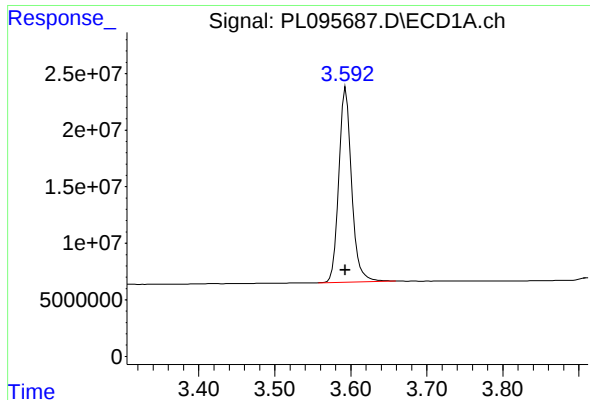
Reviewed By :Abdul Mirza 05/16/2025

Supervised By :mohammad ahmed 05/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 14:15:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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





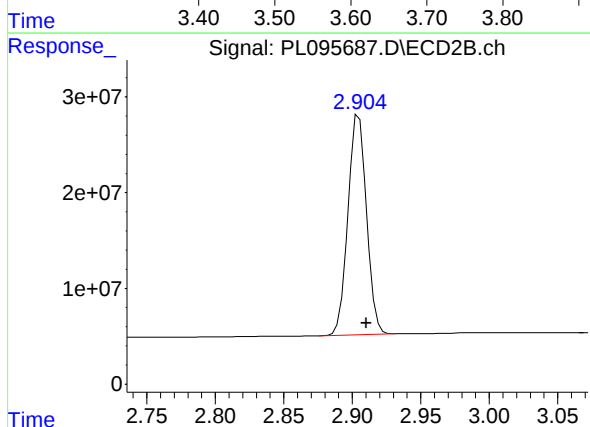
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 199548097
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

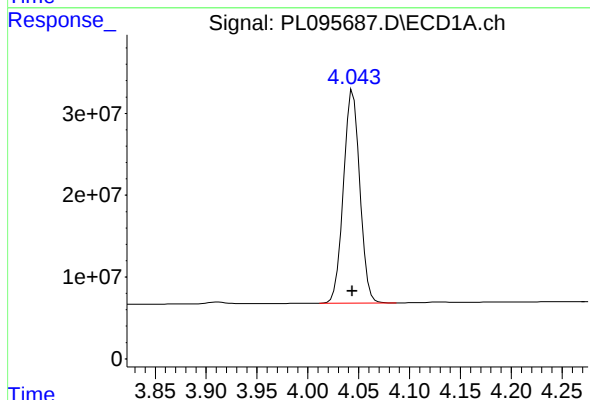
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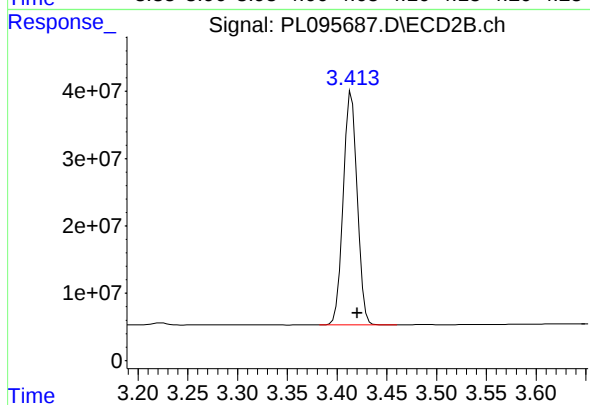
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.005 min
Response: 216837346
Conc: 46.29 ng/ml



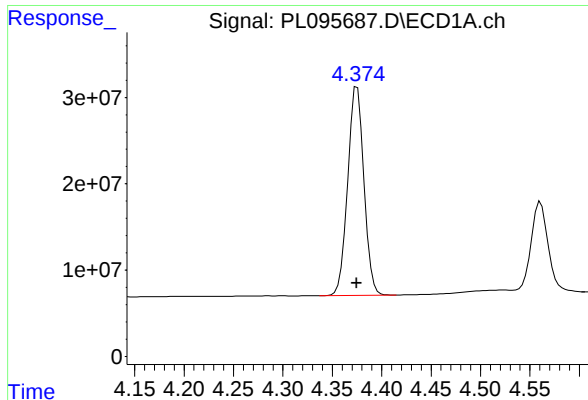
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 291333159
Conc: 49.79 ng/ml



#2 alpha-BHC

R.T.: 3.414 min
Delta R.T.: -0.006 min
Response: 338891437
Conc: 47.39 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 275901944
Conc: 49.57 ng/ml

Instrument :

ECD_L

ClientSampleId :

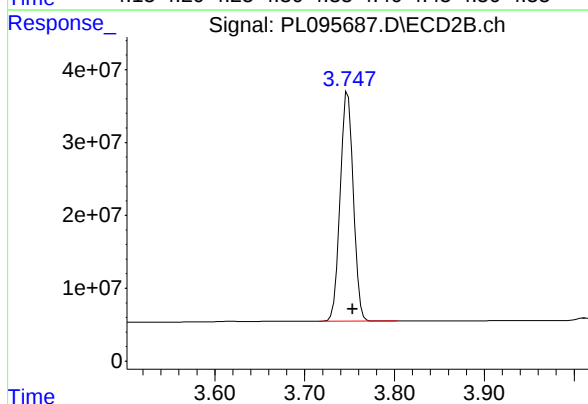
PSTDCCC050

Manual Integrations

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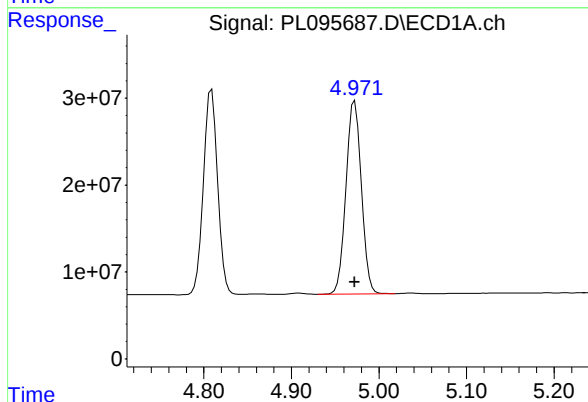
Reviewed By :Abdul Mirza 05/16/2025

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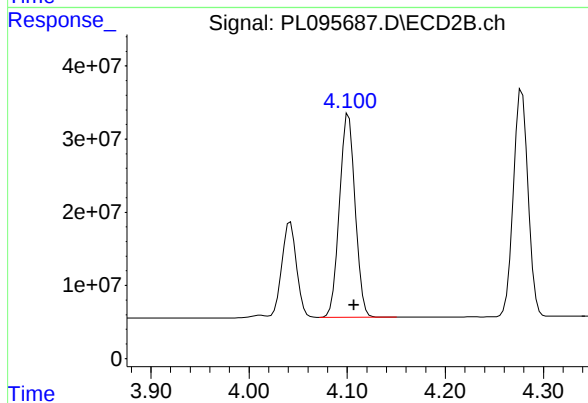
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.005 min
Response: 319393282
Conc: 47.30 ng/ml



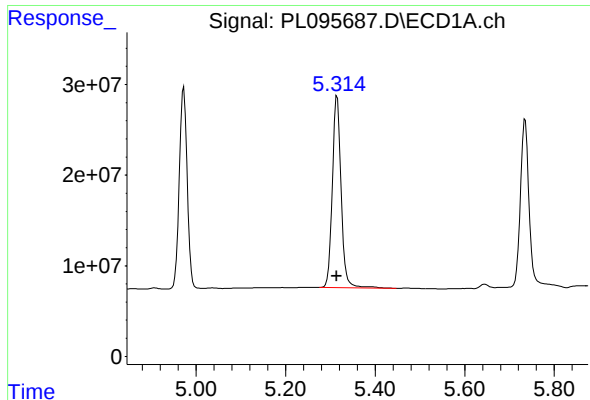
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 270700254
Conc: 49.71 ng/ml



#4 Heptachlor

R.T.: 4.101 min
Delta R.T.: -0.005 min
Response: 309885123
Conc: 47.50 ng/ml



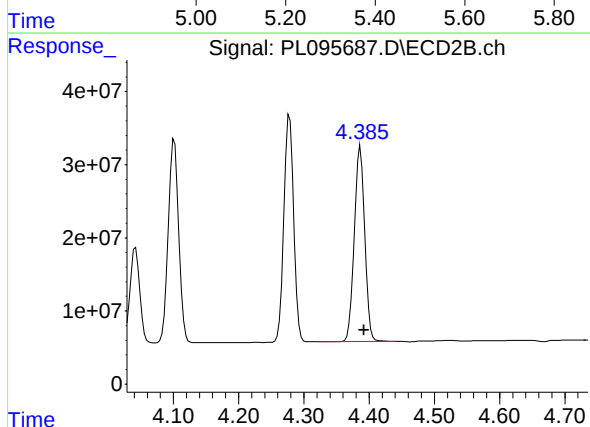
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 286859649
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

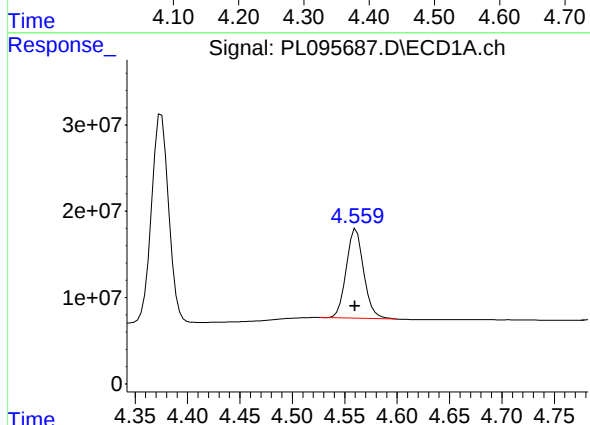
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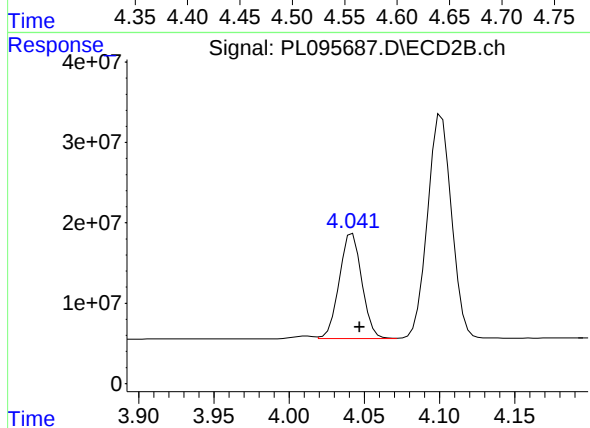
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.005 min
Response: 297029085
Conc: 46.57 ng/ml



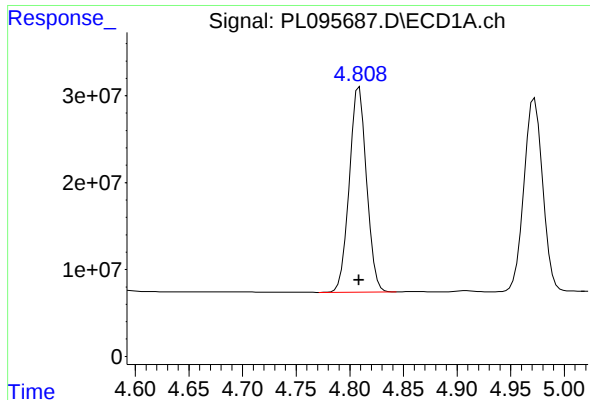
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 120586890
Conc: 49.24 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 136577070
Conc: 45.27 ng/ml



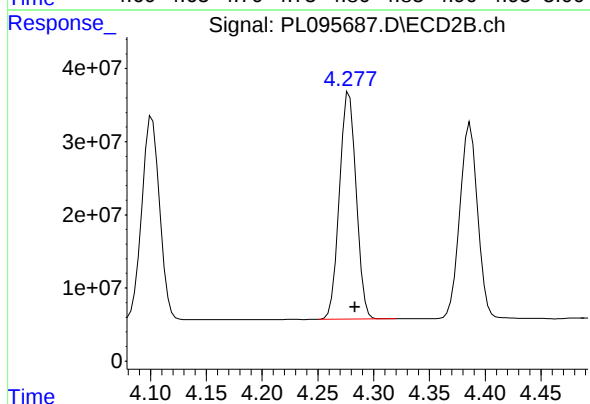
#7 delta-BHC

R.T.: 4.809 min
Delta R.T.: 0.000 min
Response: 264830823
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

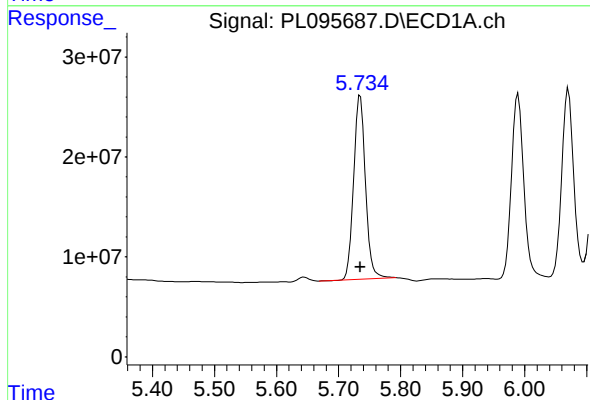
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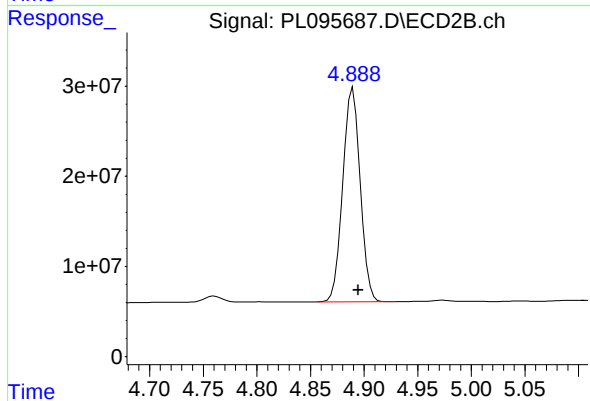
#7 delta-BHC

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 323358976
Conc: 47.51 ng/ml



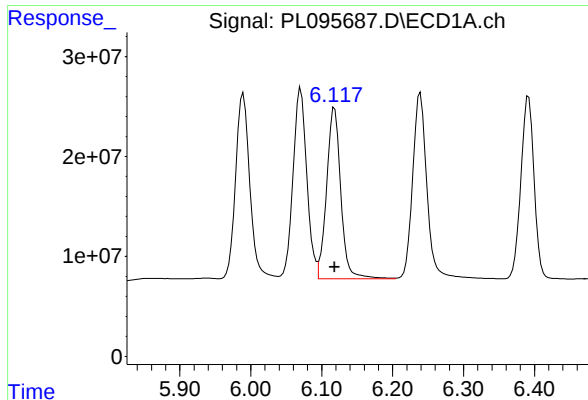
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 241977334
Conc: 46.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 268463925
Conc: 46.45 ng/ml



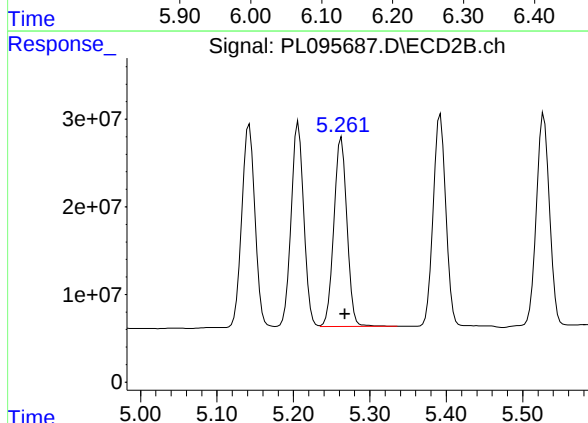
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 239215529
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

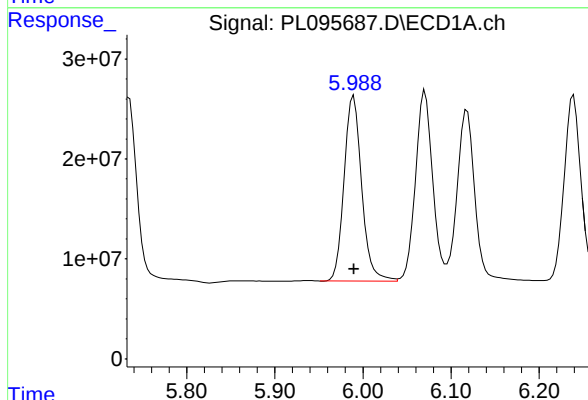
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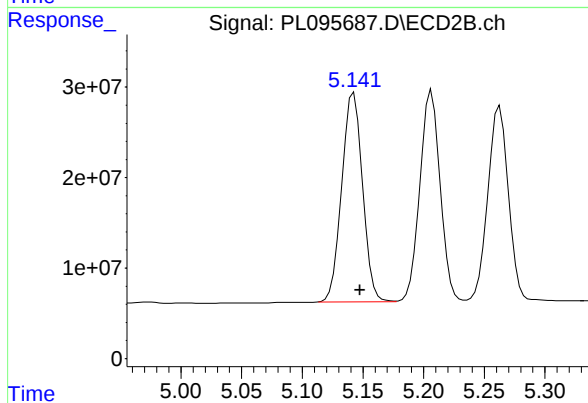
#9 Endosulfan I

R.T.: 5.263 min
Delta R.T.: -0.005 min
Response: 255538161
Conc: 49.41 ng/ml



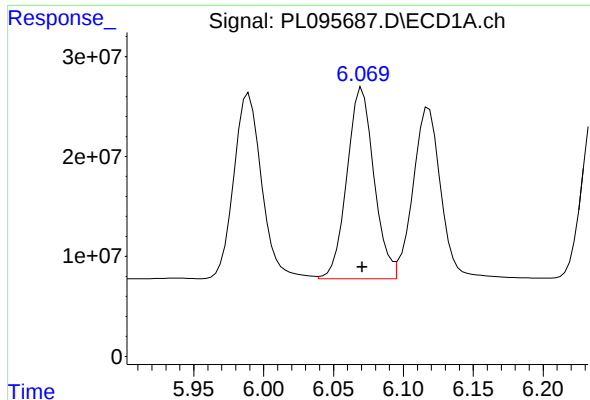
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 257222507
Conc: 48.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.005 min
Response: 275887534
Conc: 46.32 ng/ml



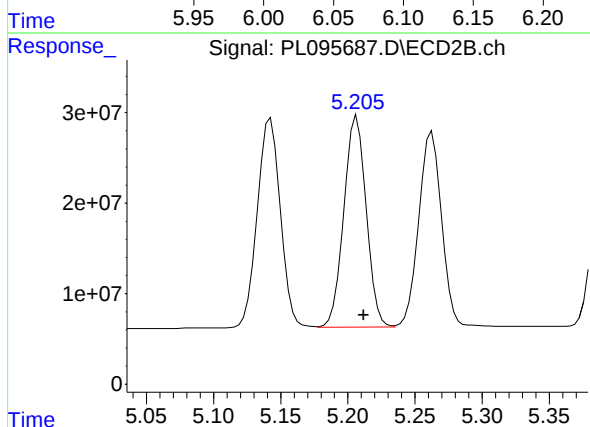
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 257453650
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

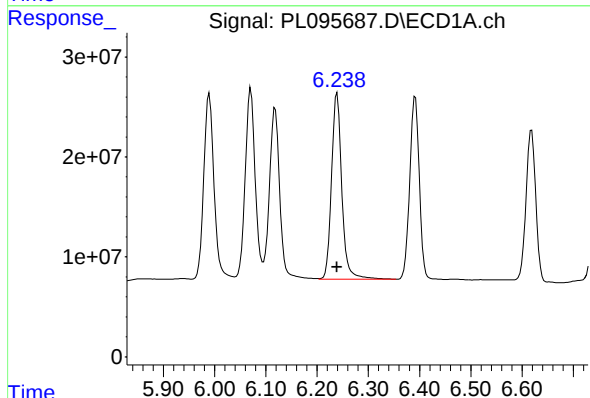
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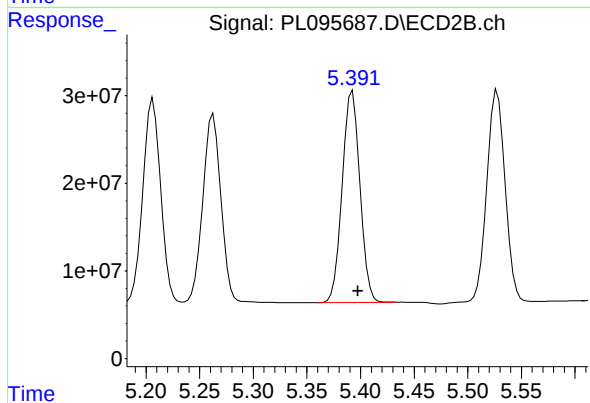
#11 alpha-Chlordane

R.T.: 5.207 min
Delta R.T.: -0.005 min
Response: 270940383
Conc: 45.91 ng/ml



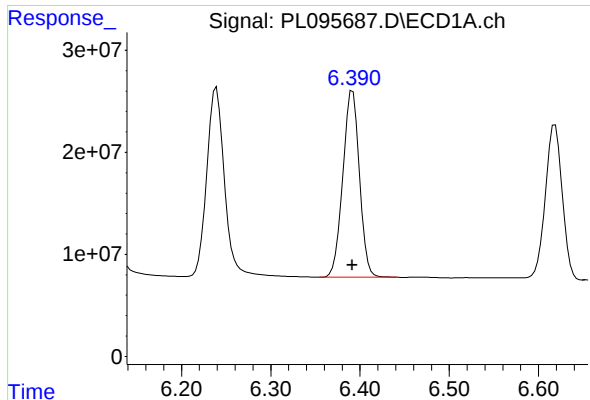
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 259993336
Conc: 50.79 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.006 min
Response: 277549578
Conc: 46.51 ng/ml m



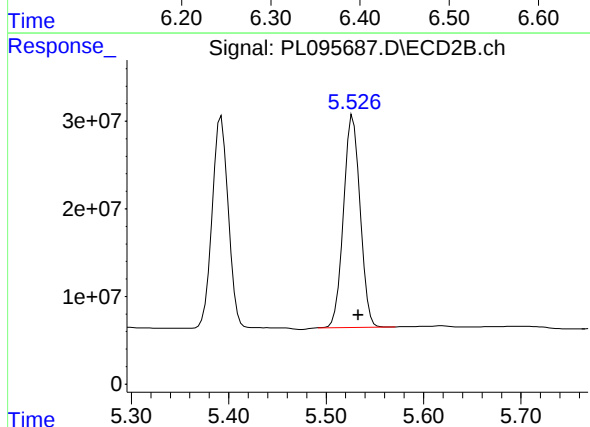
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 236808751
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

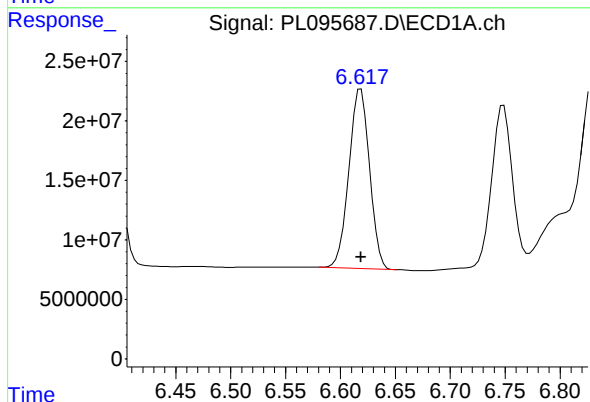
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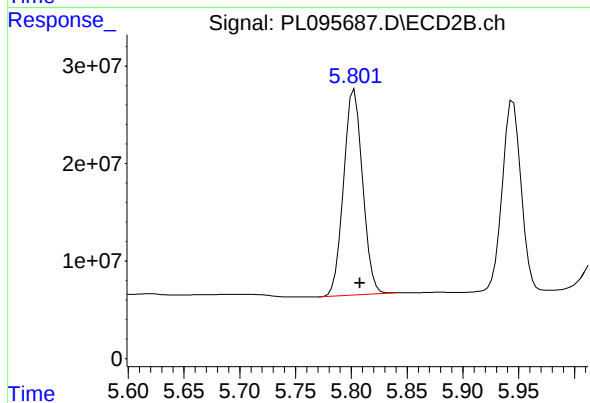
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.006 min
Response: 286011843
Conc: 46.49 ng/ml



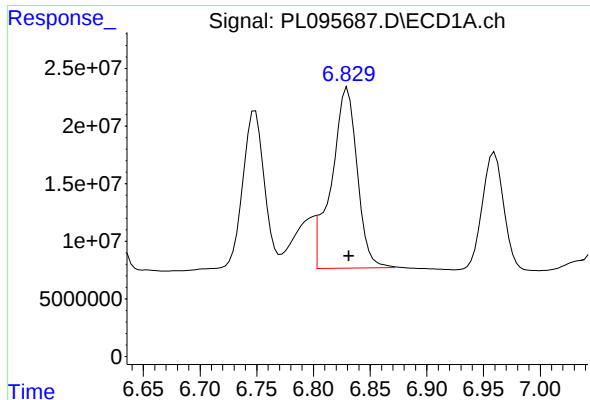
#14 Endrin

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 197381603
Conc: 51.53 ng/ml



#14 Endrin

R.T.: 5.803 min
Delta R.T.: -0.005 min
Response: 249370118
Conc: 46.81 ng/ml



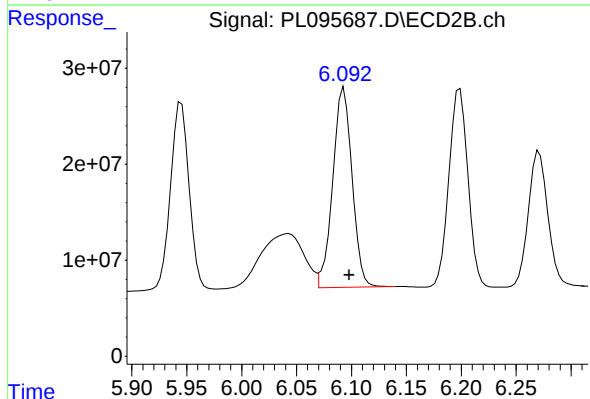
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.003 min
Response: 242171210
Conc: 58.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

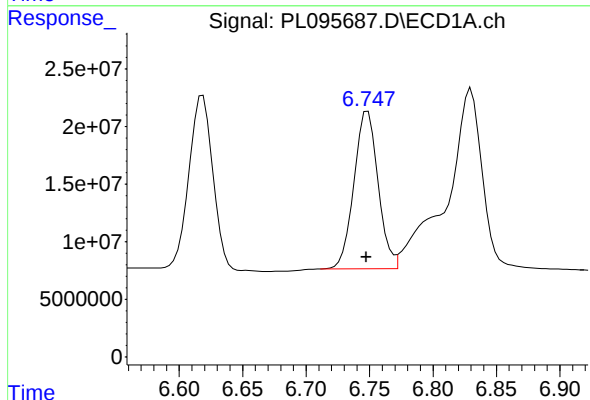
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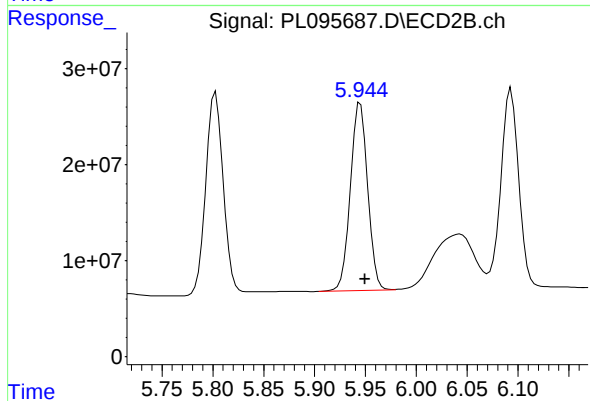
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 254355026
Conc: 46.45 ng/ml



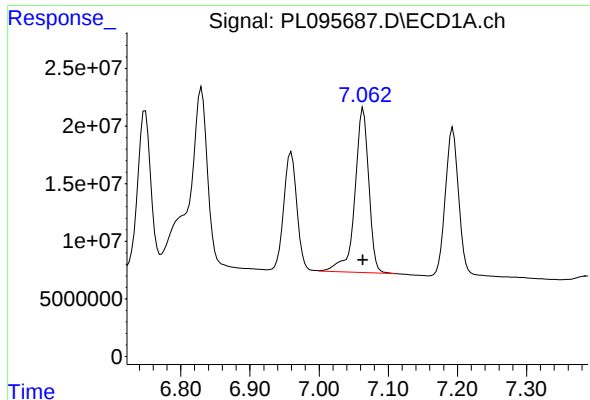
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 181087063
Conc: 46.60 ng/ml



#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.005 min
Response: 231541022
Conc: 45.02 ng/ml



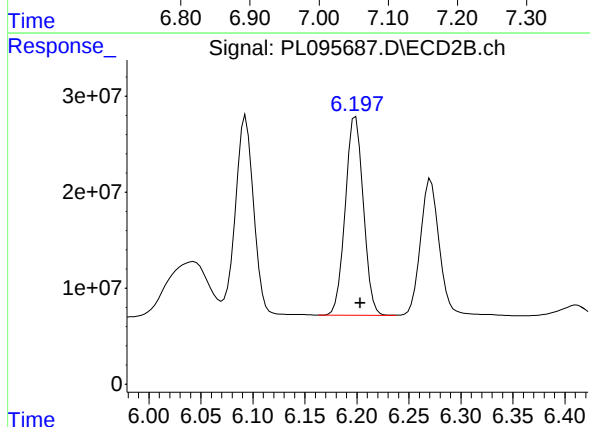
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 199780599
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

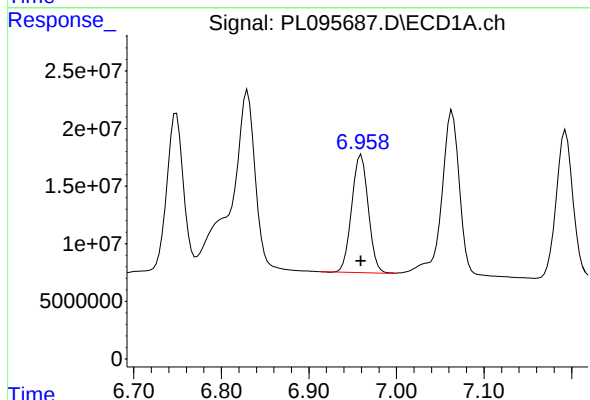
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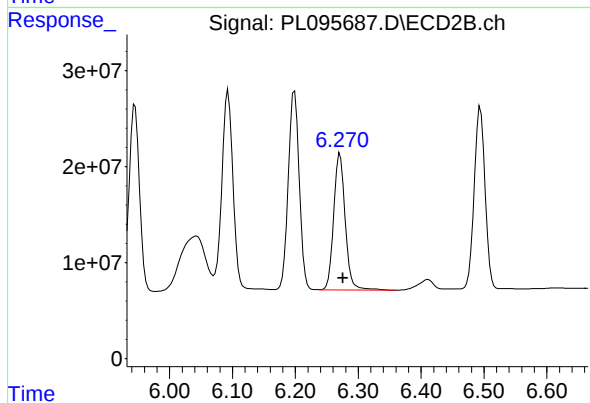
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 249605485
Conc: 49.73 ng/ml



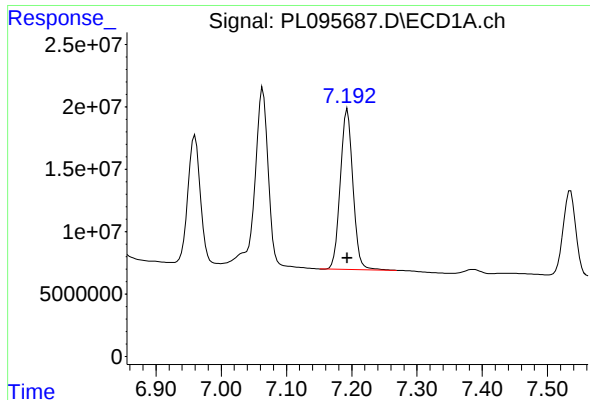
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 134861326
Conc: 45.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 180766633
Conc: 47.21 ng/ml



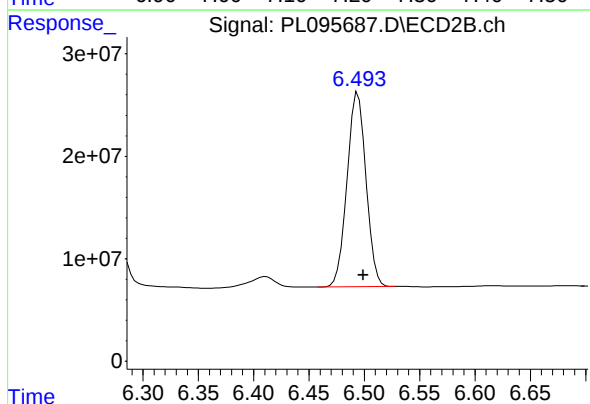
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 172635668
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

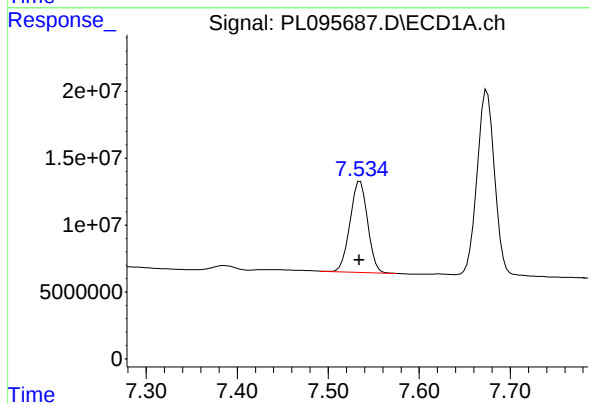
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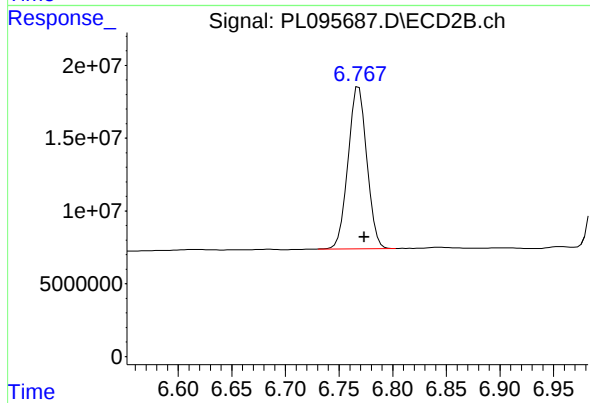
#19 Endosulfan Sulfate

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 226402177
Conc: 45.54 ng/ml



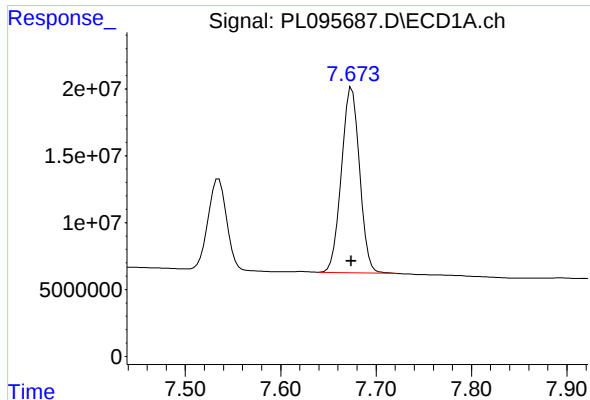
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 91592616
Conc: 54.32 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.005 min
Response: 135476957
Conc: 50.07 ng/ml



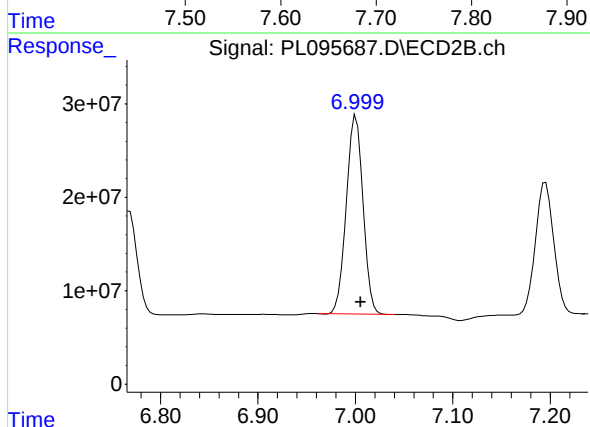
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 183677369
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

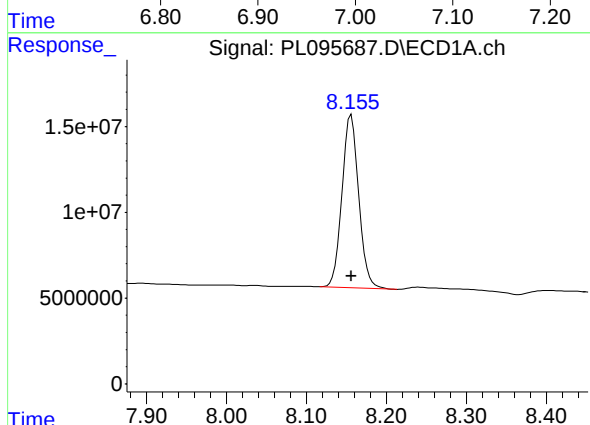
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



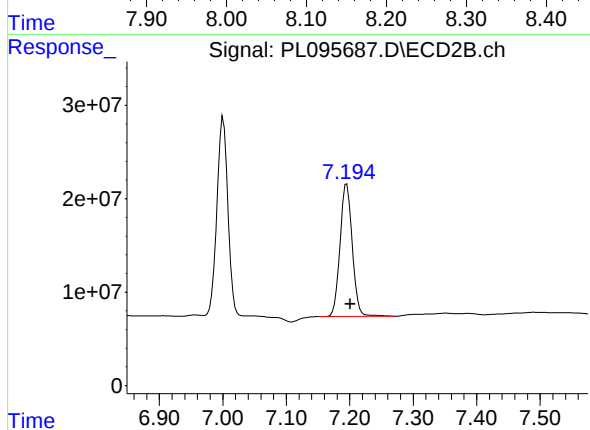
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 253101441
Conc: 43.07 ng/ml



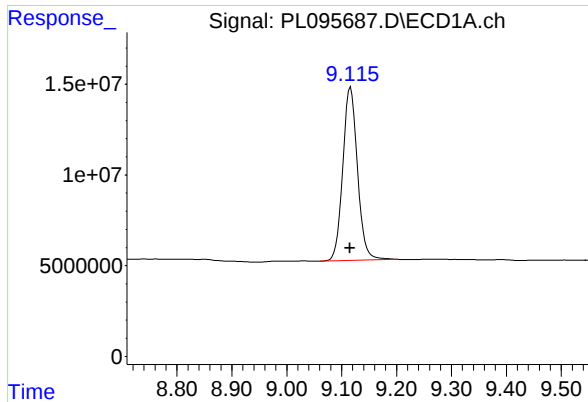
#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 146843626
Conc: 48.23 ng/ml



#22 Mirex

R.T.: 7.195 min
Delta R.T.: -0.006 min
Response: 190557832
Conc: 44.20 ng/ml



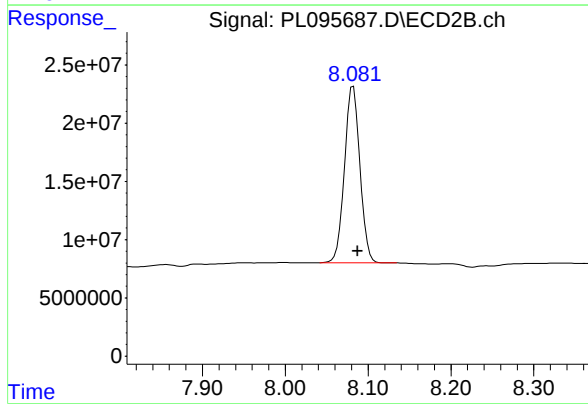
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 177828131
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2025
Supervised By :mohammad ahmed 05/19/2025



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.005 min
Response: 196381663
Conc: 47.61 ng/ml