

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
 Data File : PL095577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 18:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:44:17 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	2.912	146.4E6	171.0E6	44.831	53.779
28) SA Decachlor...	9.118	8.090	117.9E6	134.1E6	42.535	45.303
Target Compounds						
2) A alpha-BHC	4.044	3.421	218.9E6	261.6E6	44.183	58.793 #
3) MA gamma-BHC...	4.373	3.755	208.7E6	248.2E6	44.081m	56.434 #
4) MA Heptachlor	4.973	4.108	200.3E6	237.0E6	43.787	54.403
5) MB Aldrin	5.315	4.394	209.2E6	234.9E6	45.540	57.082 #
6) B beta-BHC	4.561	4.048	92015873	111.0E6	44.505	53.476
7) B delta-BHC	4.808	4.285	203.7E6	251.2E6	43.802m	57.323 #
8) B Heptachlo...	5.736	4.896	188.9E6	213.1E6	47.163	55.172
9) A Endosulfan I	6.117	5.270	170.4E6	203.7E6	44.874m	55.651
10) B gamma-Chl...	5.990	5.149	192.8E6	219.6E6	47.250	54.193
11) B alpha-Chl...	6.071	5.214	188.2E6	214.4E6	46.288	53.850
12) B 4,4'-DDE	6.240	5.400	183.2E6	218.3E6	46.735	53.681
13) MA Dieldrin	6.392	5.535	172.1E6	223.9E6	44.643	55.043
14) MA Endrin	6.619	5.810	135.5E6	195.7E6	42.540	53.762 #
15) B Endosulfa...	6.832	6.100	147.4E6	193.5E6	46.166	53.891
16) A 4,4'-DDD	6.749	5.952	132.5E6	184.4E6	46.801	56.452
17) MA 4,4'-DDT	7.064	6.206	126.5E6	183.0E6	44.422	53.246
18) B Endrin al...	6.960	6.278	104.3E6	137.2E6	44.952	52.499
19) B Endosulfa...	7.194	6.501	125.4E6	172.0E6	44.770	51.829
20) A Methoxychlor	7.536	6.776	60617623	96722956	43.449	50.709
21) B Endrin ke...	7.675	7.008	128.8E6	197.1E6	45.184	55.966
22) Mirex	8.157	7.203	102.4E6	141.7E6	43.088	49.144m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050725\
Data File : PL095577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

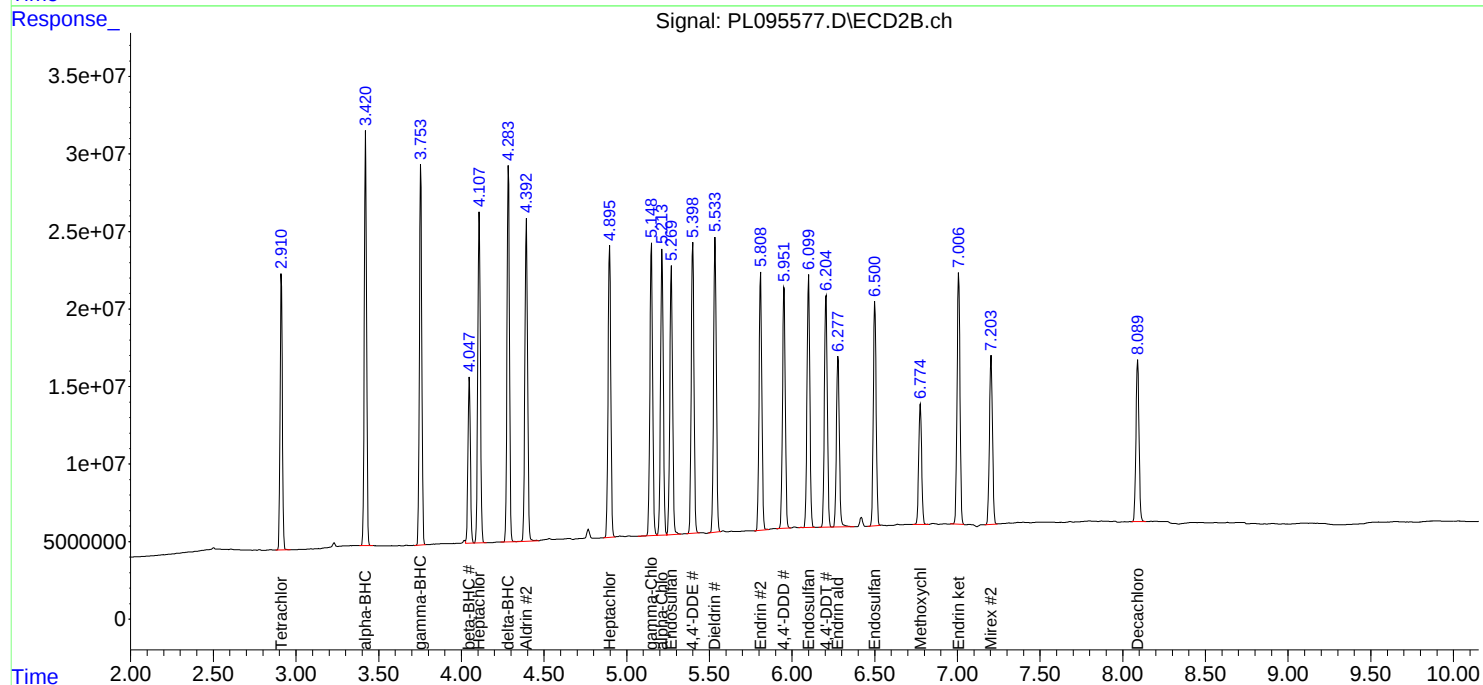
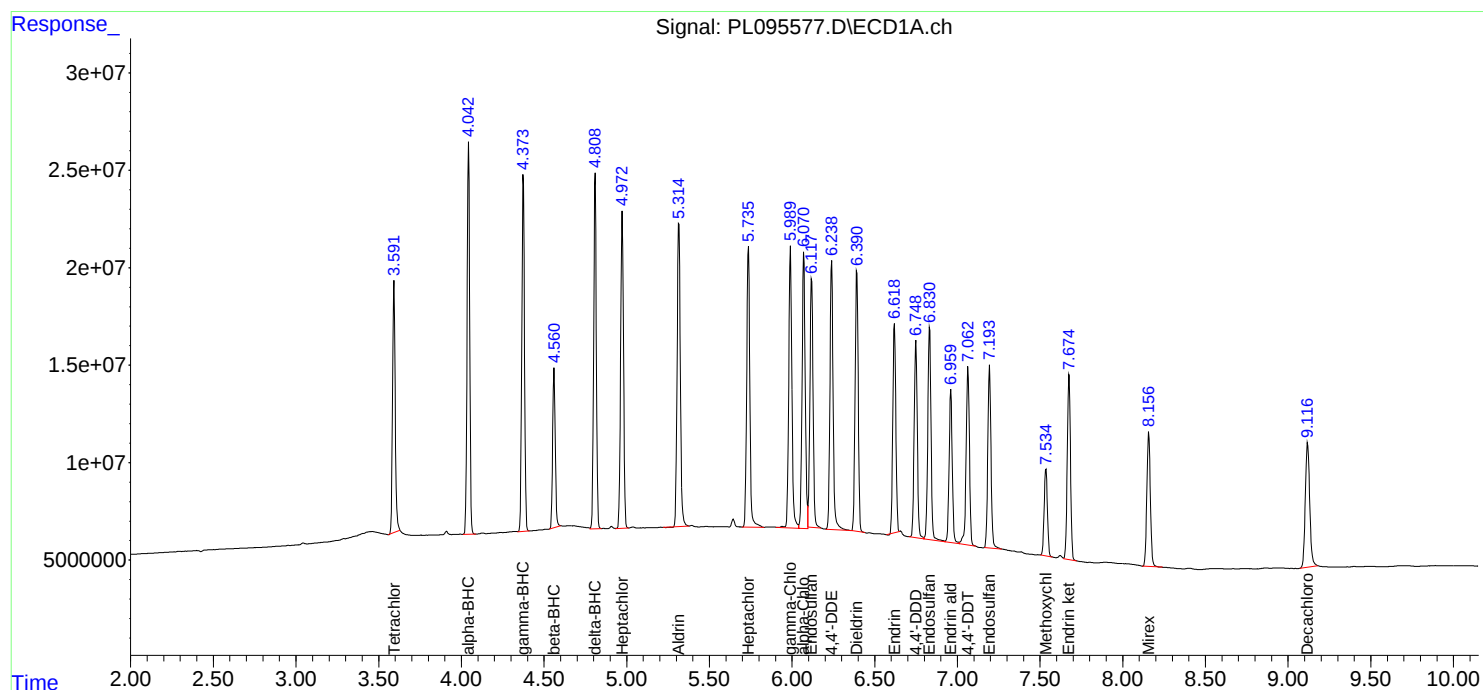
APPROVED

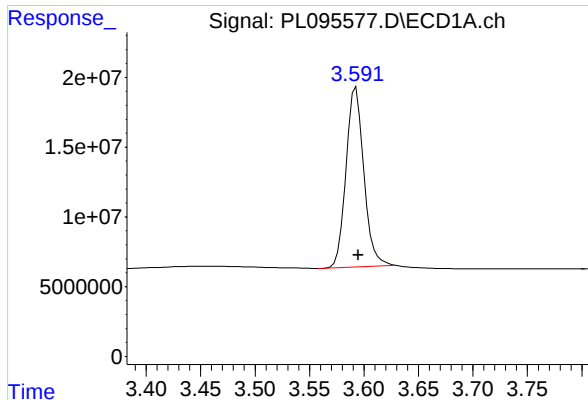
Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:44:17 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





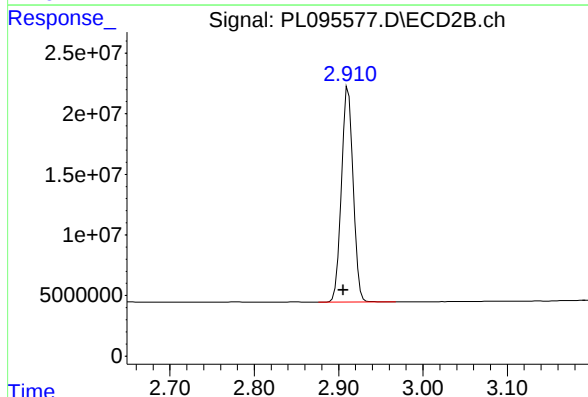
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 146360158
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

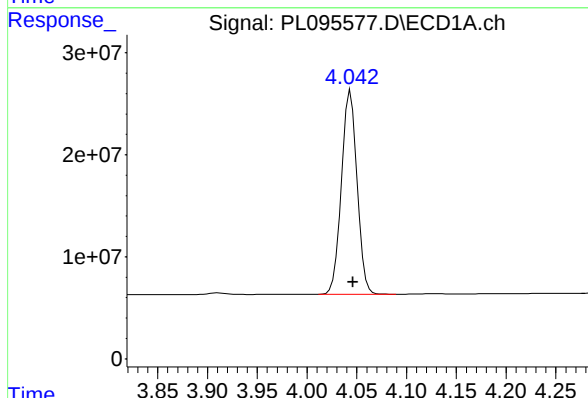
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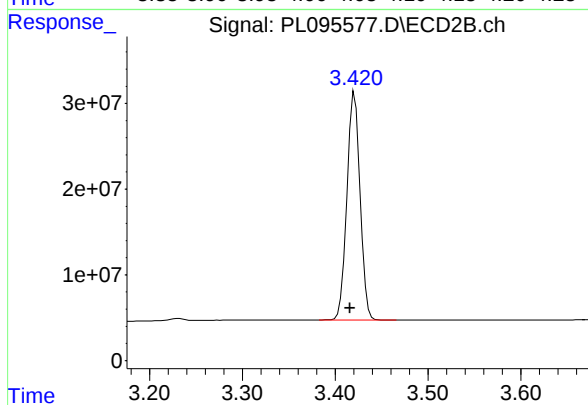
#1 Tetrachloro-m-xylene

R.T.: 2.912 min
Delta R.T.: 0.006 min
Response: 171004672
Conc: 53.78 ng/ml



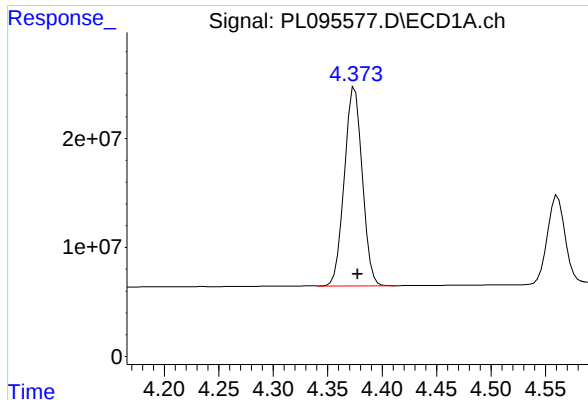
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 218871313
Conc: 44.18 ng/ml



#2 alpha-BHC

R.T.: 3.421 min
Delta R.T.: 0.005 min
Response: 261555608
Conc: 58.79 ng/ml



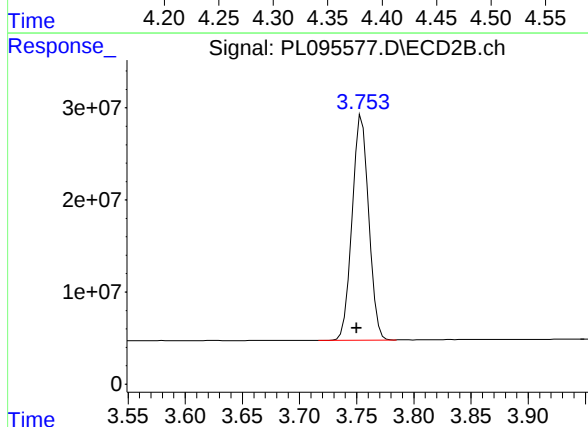
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 208679849
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

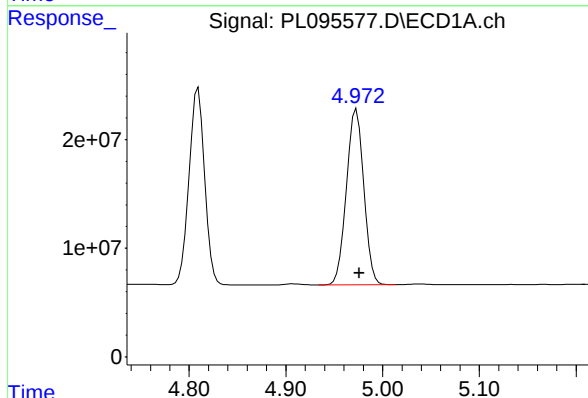
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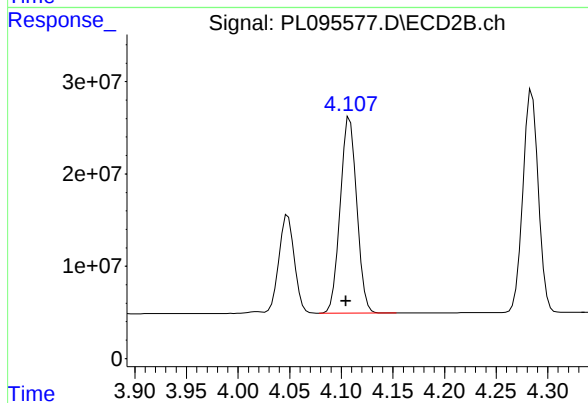
#3 gamma-BHC (Lindane)

R.T.: 3.755 min
Delta R.T.: 0.005 min
Response: 248210336
Conc: 56.43 ng/ml



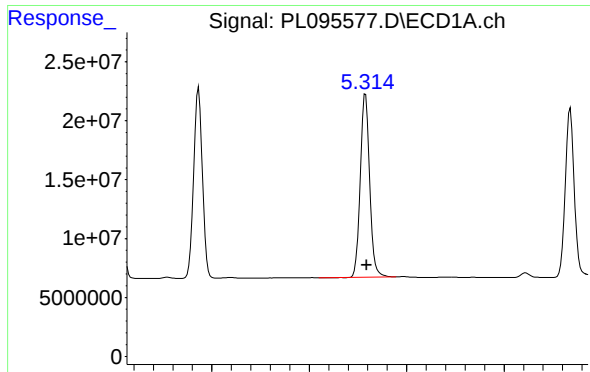
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 200303736
Conc: 43.79 ng/ml



#4 Heptachlor

R.T.: 4.108 min
Delta R.T.: 0.004 min
Response: 237018044
Conc: 54.40 ng/ml



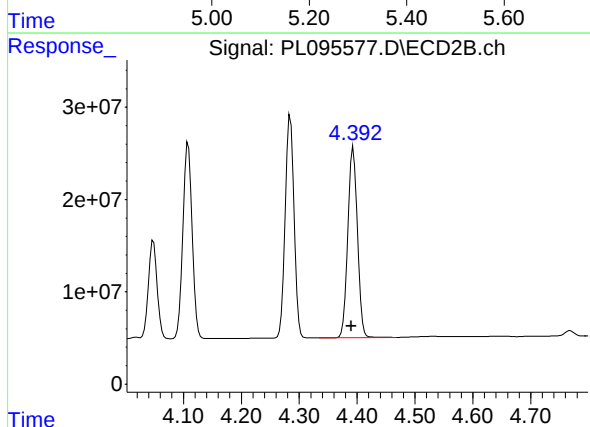
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 209165572
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

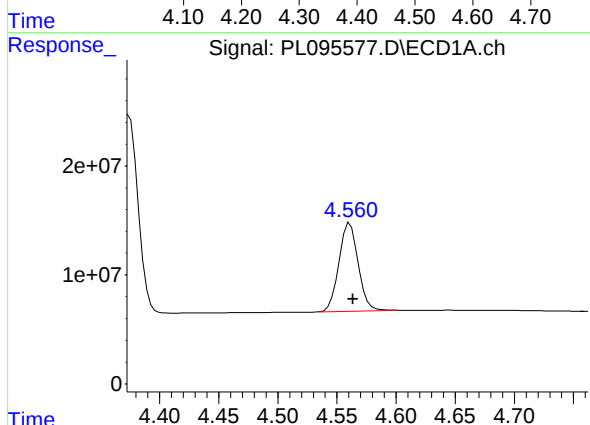
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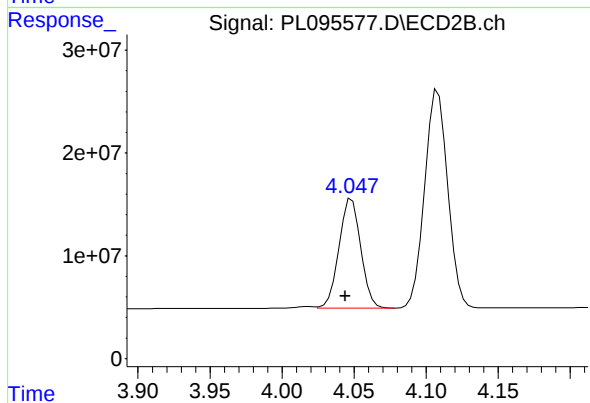
#5 Aldrin

R.T.: 4.394 min
Delta R.T.: 0.004 min
Response: 234932000
Conc: 57.08 ng/ml



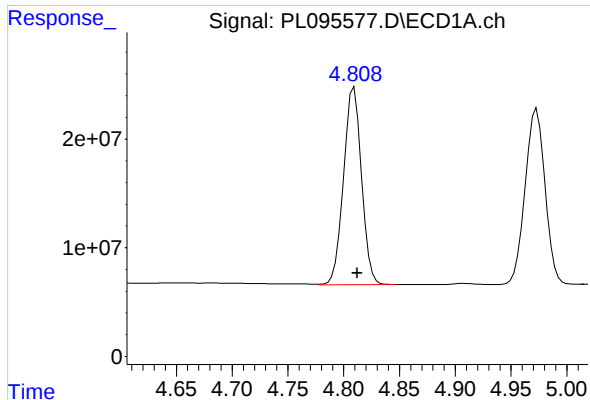
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 92015873
Conc: 44.51 ng/ml



#6 beta-BHC

R.T.: 4.048 min
Delta R.T.: 0.005 min
Response: 111008300
Conc: 53.48 ng/ml



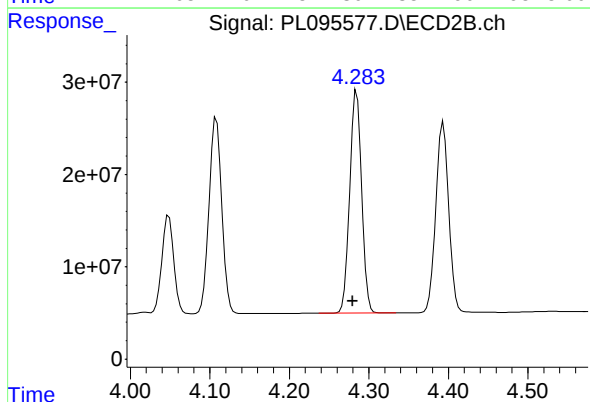
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 203707562
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

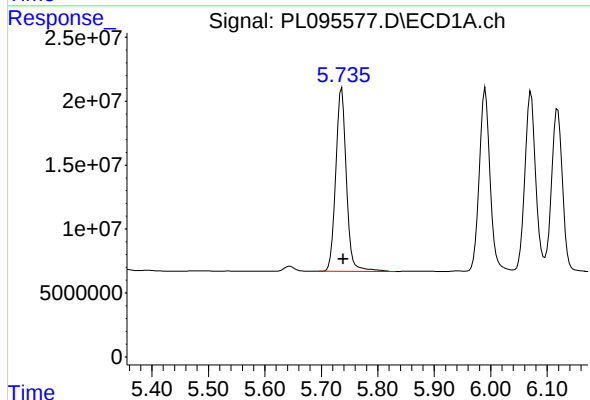
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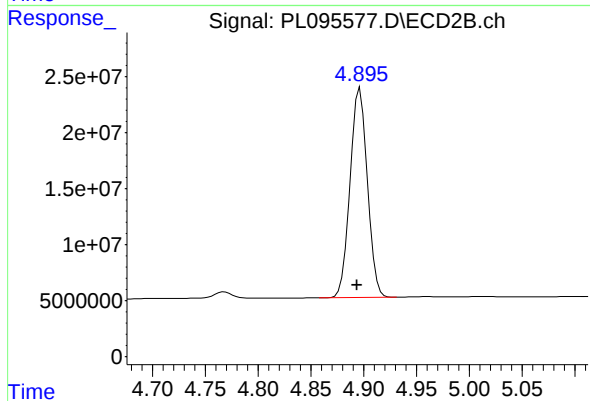
#7 delta-BHC

R.T.: 4.285 min
Delta R.T.: 0.005 min
Response: 251188841
Conc: 57.32 ng/ml



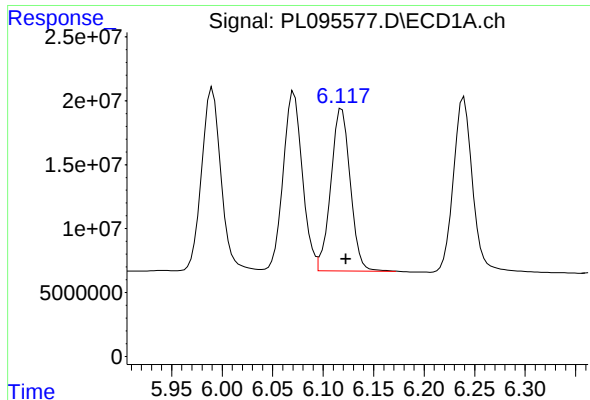
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 188893592
Conc: 47.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.896 min
Delta R.T.: 0.003 min
Response: 213111788
Conc: 55.17 ng/ml



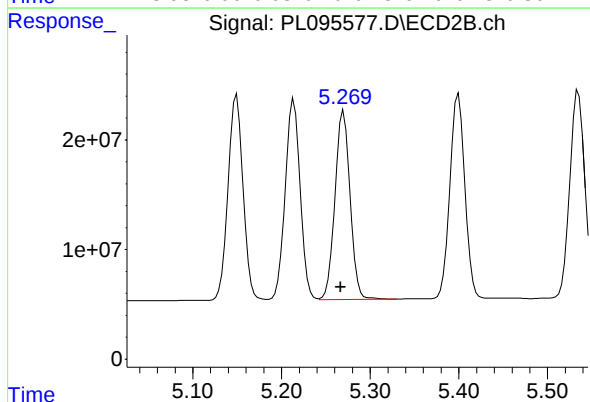
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 170408135
Conc: 44.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

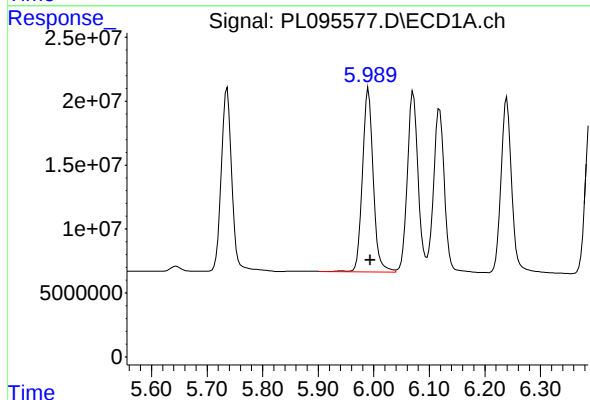
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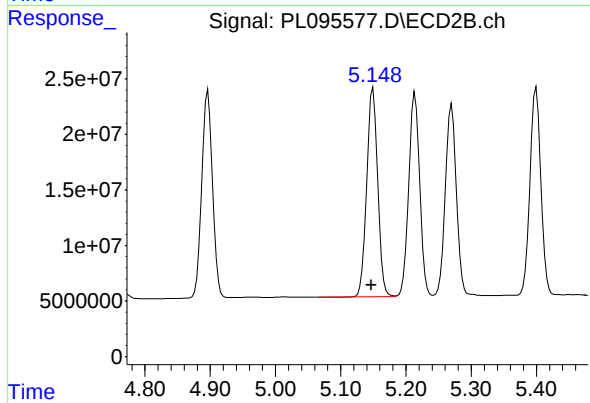
#9 Endosulfan I

R.T.: 5.270 min
Delta R.T.: 0.003 min
Response: 203707908
Conc: 55.65 ng/ml



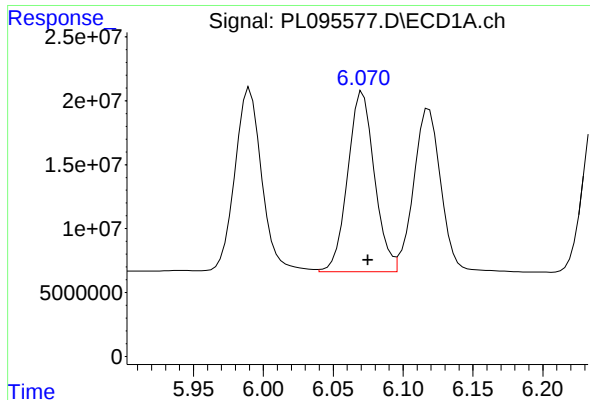
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 192750594
Conc: 47.25 ng/ml



#10 gamma-Chlordane

R.T.: 5.149 min
Delta R.T.: 0.003 min
Response: 219625900
Conc: 54.19 ng/ml



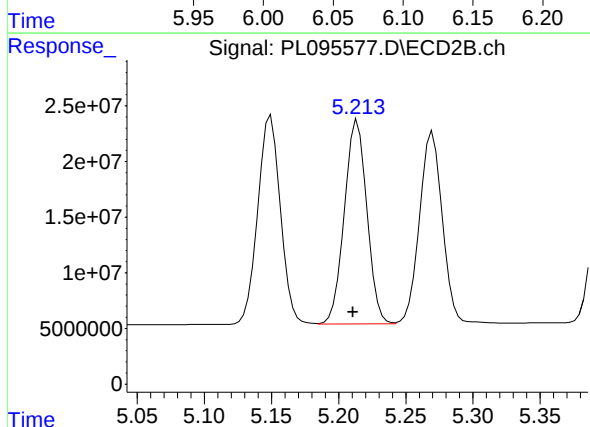
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 188211699
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

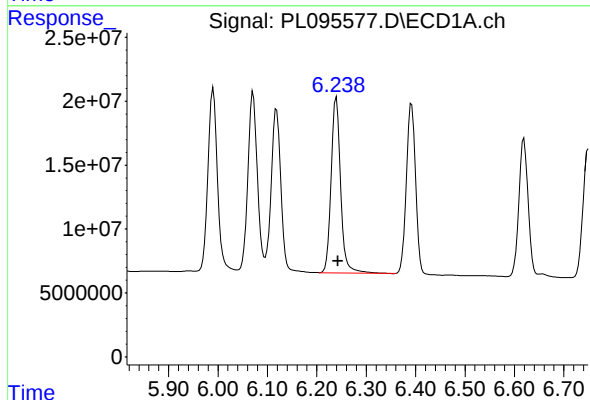
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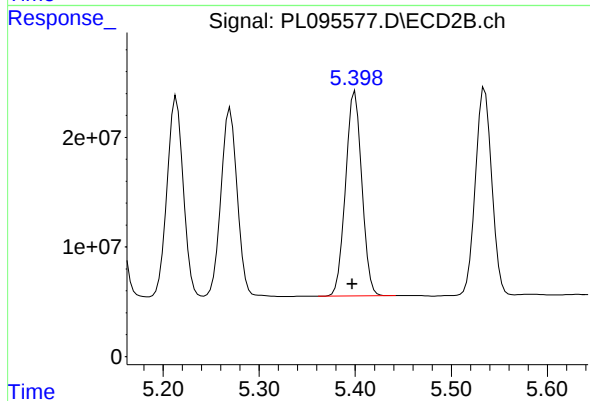
#11 alpha-Chlordane

R.T.: 5.214 min
Delta R.T.: 0.003 min
Response: 214378859
Conc: 53.85 ng/ml



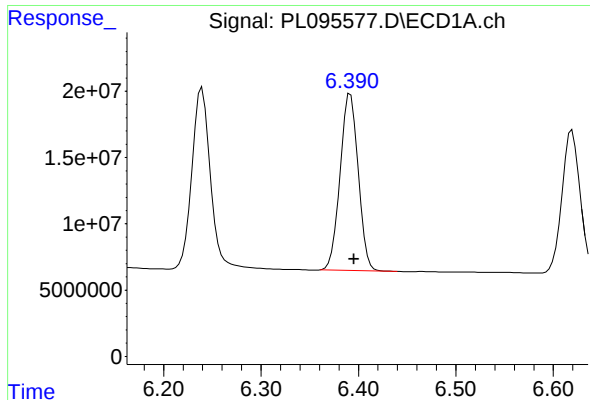
#12 4,4'-DDE

R.T.: 6.240 min
Delta R.T.: -0.004 min
Response: 183227350
Conc: 46.74 ng/ml



#12 4,4'-DDE

R.T.: 5.400 min
Delta R.T.: 0.003 min
Response: 218319961
Conc: 53.68 ng/ml



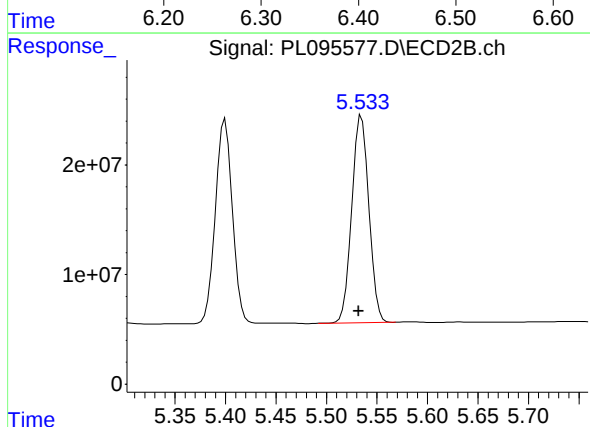
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 172089474
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

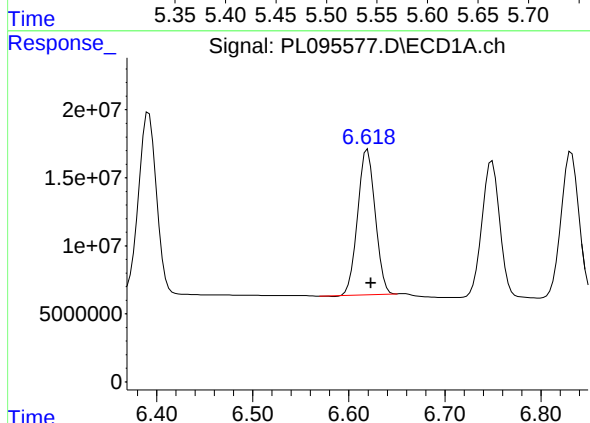
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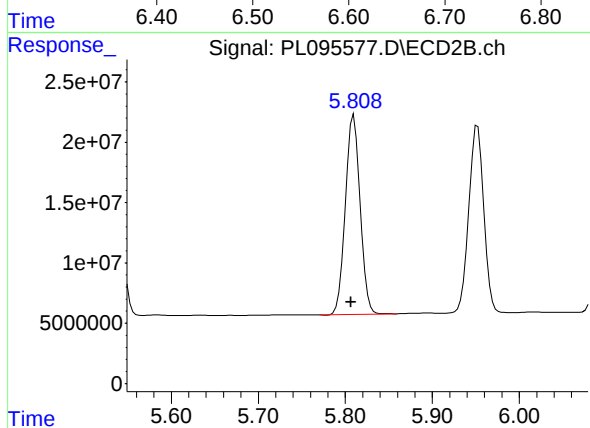
#13 Dieldrin

R.T.: 5.535 min
Delta R.T.: 0.003 min
Response: 223863405
Conc: 55.04 ng/ml



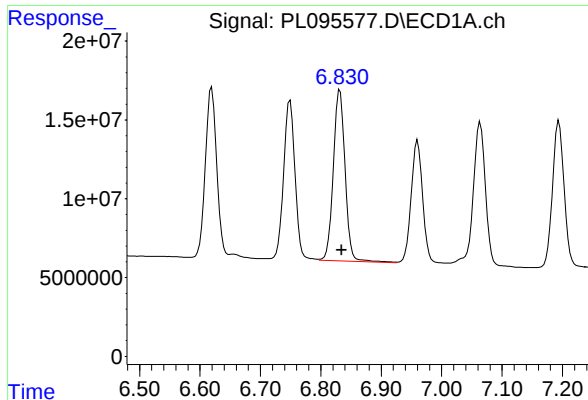
#14 Endrin

R.T.: 6.619 min
Delta R.T.: -0.004 min
Response: 135478743
Conc: 42.54 ng/ml



#14 Endrin

R.T.: 5.810 min
Delta R.T.: 0.003 min
Response: 195733256
Conc: 53.76 ng/ml



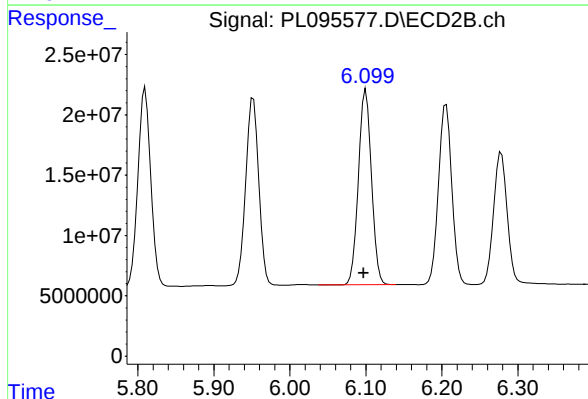
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 147367836
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

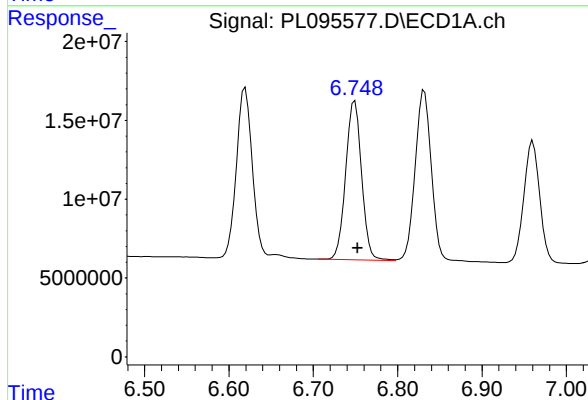
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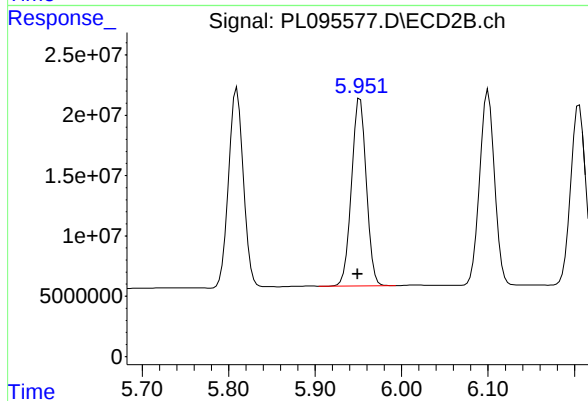
#15 Endosulfan II

R.T.: 6.100 min
Delta R.T.: 0.003 min
Response: 193526485
Conc: 53.89 ng/ml



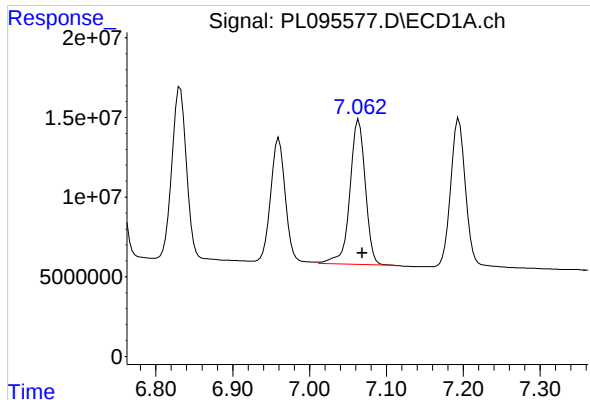
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 132492267
Conc: 46.80 ng/ml



#16 4,4'-DDD

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 184415522
Conc: 56.45 ng/ml



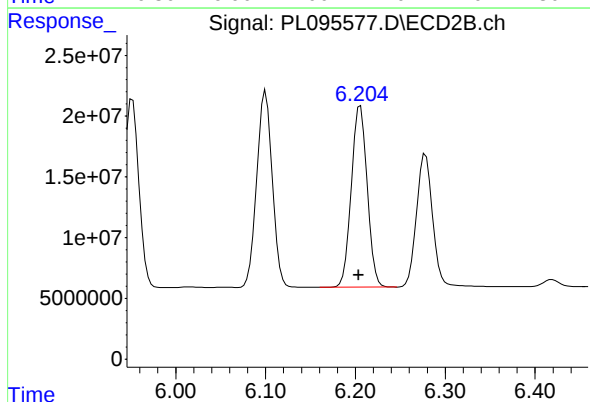
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 126540257
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

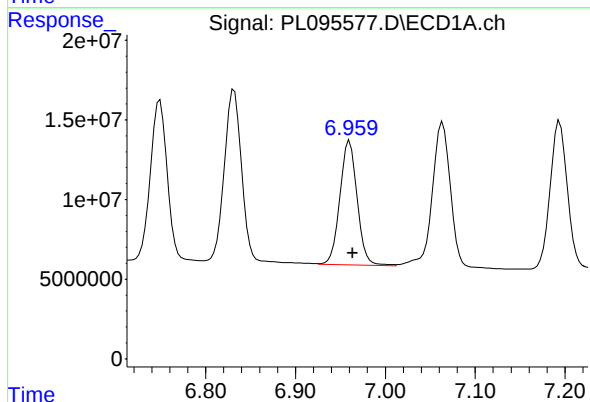
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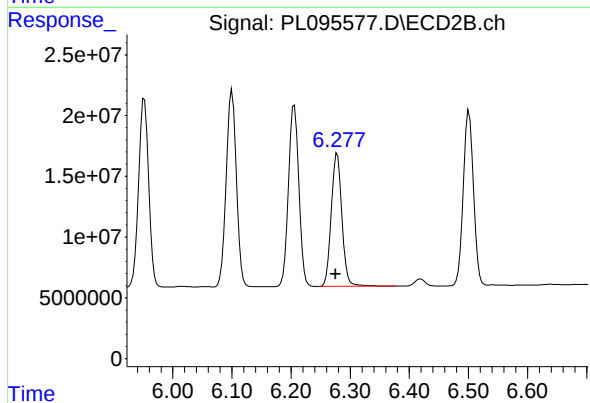
#17 4,4'-DDT

R.T.: 6.206 min
Delta R.T.: 0.002 min
Response: 182963327
Conc: 53.25 ng/ml



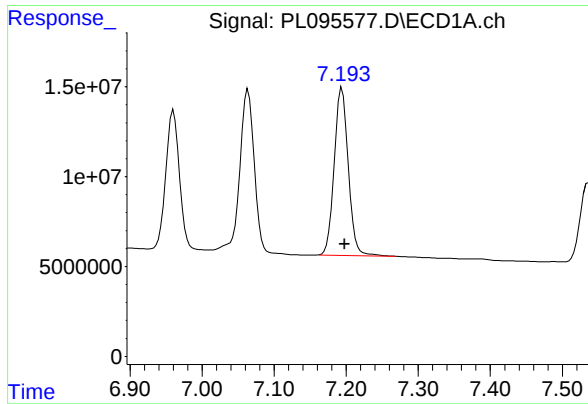
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.003 min
Response: 104323861
Conc: 44.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.278 min
Delta R.T.: 0.003 min
Response: 137189314
Conc: 52.50 ng/ml



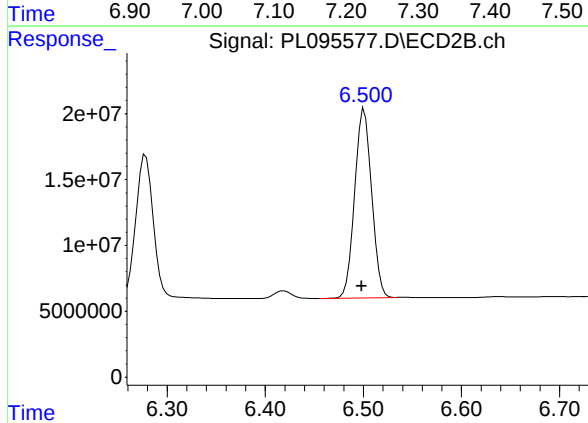
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 125437275
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

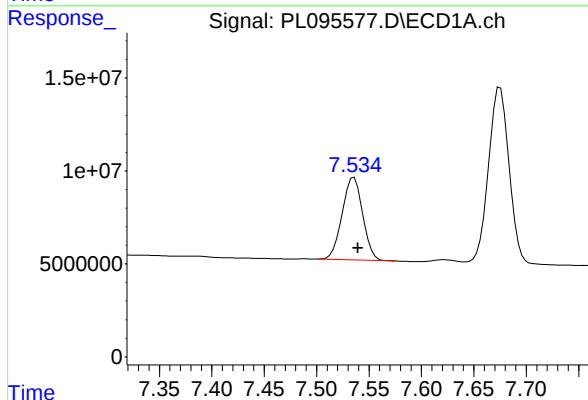
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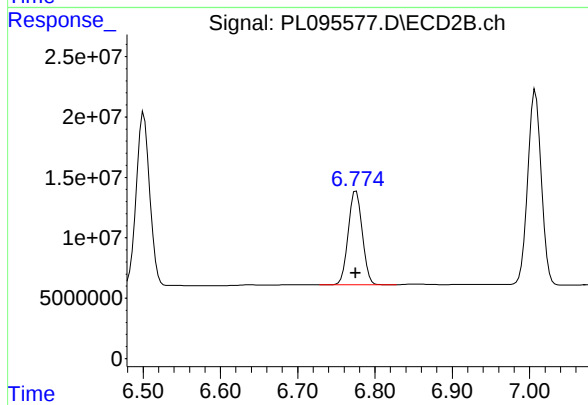
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.002 min
Response: 171965000
Conc: 51.83 ng/ml



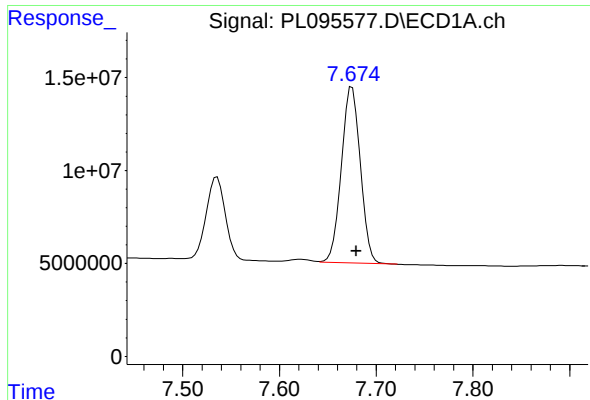
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.004 min
Response: 60617623
Conc: 43.45 ng/ml



#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 96722956
Conc: 50.71 ng/ml



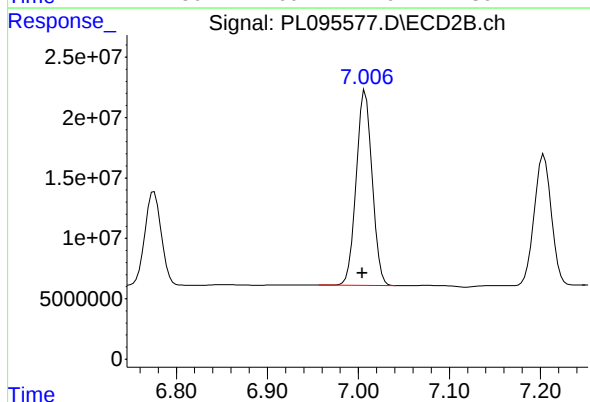
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 128813337
Conc: 45.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

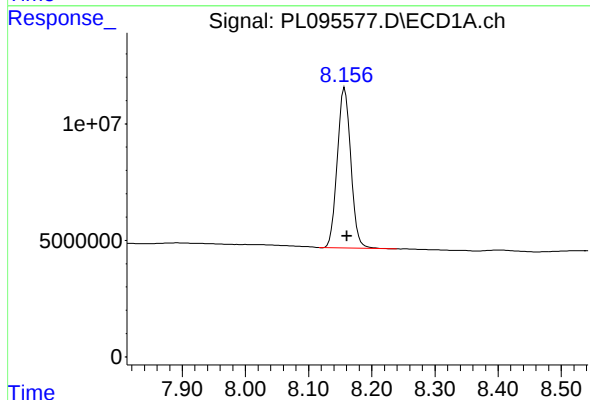
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025



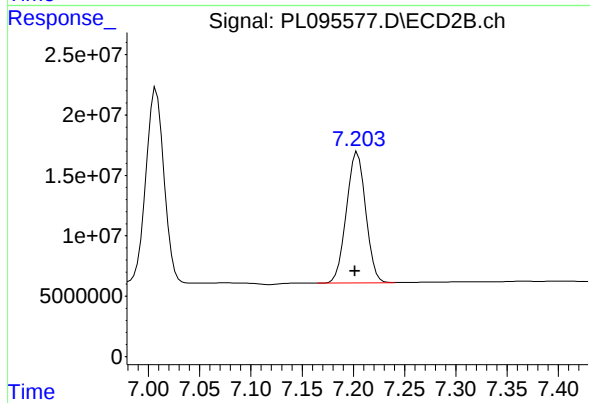
#21 Endrin ketone

R.T.: 7.008 min
Delta R.T.: 0.003 min
Response: 197073648
Conc: 55.97 ng/ml



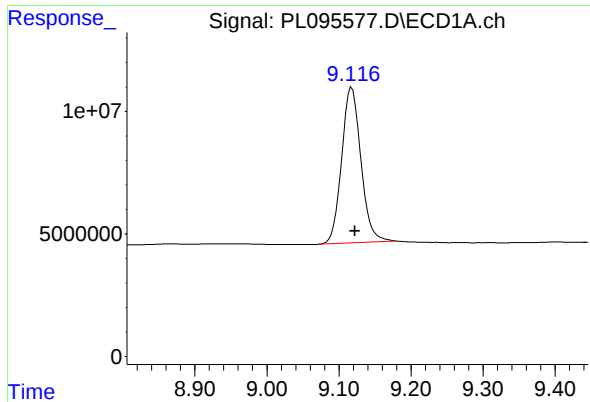
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 102378752
Conc: 43.09 ng/ml



#22 Mirex

R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 141652545
Conc: 49.14 ng/ml m



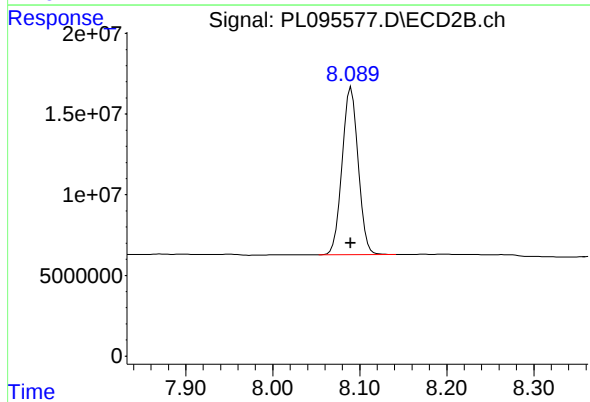
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: -0.005 min
Response: 117855358
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.000 min
Response: 134064810
Conc: 45.30 ng/ml