

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 19:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2025
 Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 01:36:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.537	2.774	122.4E6	151.9E6	45.458	46.540
28) SA Decachlor...	9.053	7.909	96155717	158.1E6	45.965	45.122
Target Compounds						
2) A alpha-BHC	3.993	3.276	175.1E6	231.9E6	45.669	47.434
3) MA gamma-BHC...	4.326	3.606	165.8E6	218.4E6	45.024	46.058
4) MA Heptachlor	4.914	3.944	148.1E6	213.3E6	45.193	45.823
5) MB Aldrin	5.255	4.223	144.5E6	208.9E6	44.154	45.791
6) B beta-BHC	4.524	3.906	74823831	96172612	46.552	48.148
7) B delta-BHC	4.771	4.134	158.0E6	218.8E6	45.082	46.049
8) B Heptachlo...	5.681	4.726	128.6E6	194.4E6	43.240	46.510
9) A Endosulfan I	6.067	5.095	118.0E6	174.4E6	44.667	44.980
10) B gamma-Chl...	5.937	4.976	128.5E6	206.5E6	46.086	48.722
11) B alpha-Chl...	6.017	5.039	127.1E6	201.3E6	45.592	48.084
12) B 4,4'-DDE	6.190	5.229	116.2E6	199.3E6	47.709	49.713
13) MA Dieldrin	6.343	5.360	123.0E6	199.3E6	44.310	46.393
14) MA Endrin	6.571	5.635	97668137	162.9E6	41.653m	44.126
15) B Endosulfa...	6.792	5.931	108.2E6	171.7E6	44.900	46.351
16) A 4,4'-DDD	6.708	5.784	97469117	164.1E6	51.284	51.983
17) MA 4,4'-DDT	7.021	6.034	86222240	142.1E6	43.722	43.657
18) B Endrin al...	6.922	6.110	85722518	132.9E6	44.095	43.639
19) B Endosulfa...	7.157	6.333	100.6E6	162.5E6	44.432	45.573
20) A Methoxychlor	7.498	6.609	46657244	75330218	44.717	42.128
21) B Endrin ke...	7.642	6.837	114.3E6	190.6E6	45.305	45.439
22) Mirex	8.114	7.017	87455487	144.1E6	41.996	42.623

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 19:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

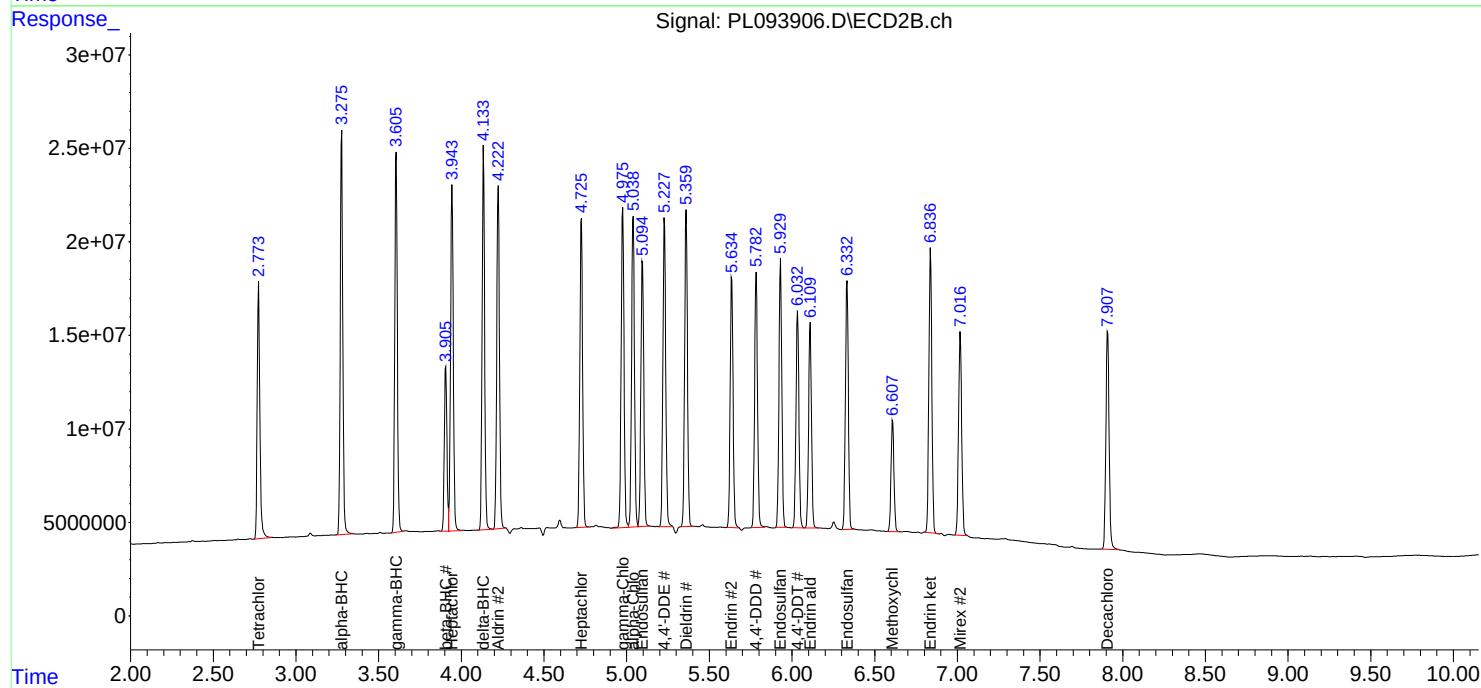
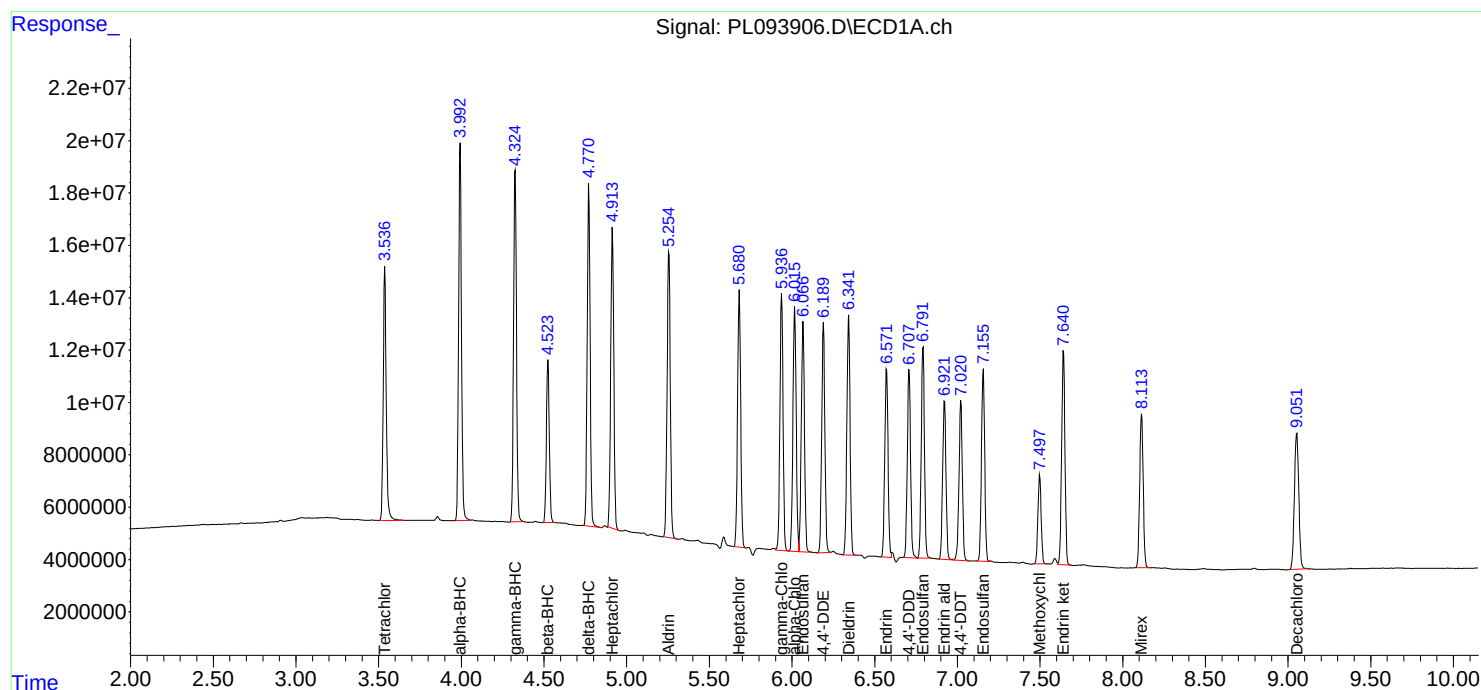
APPROVED

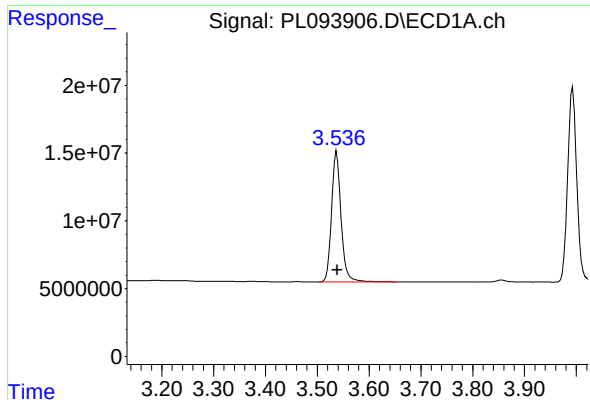
Reviewed By :Abdul Mirza 01/31/2025

Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:36:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





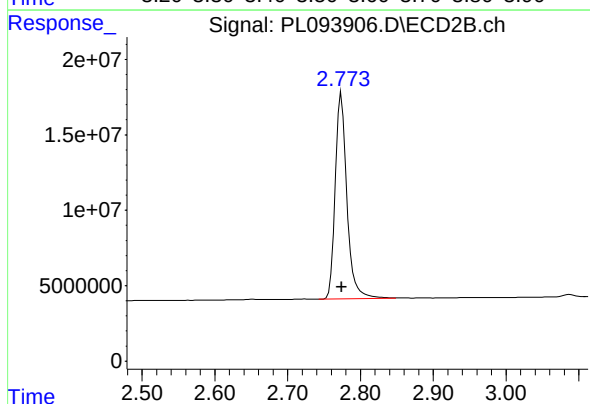
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 122406298
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

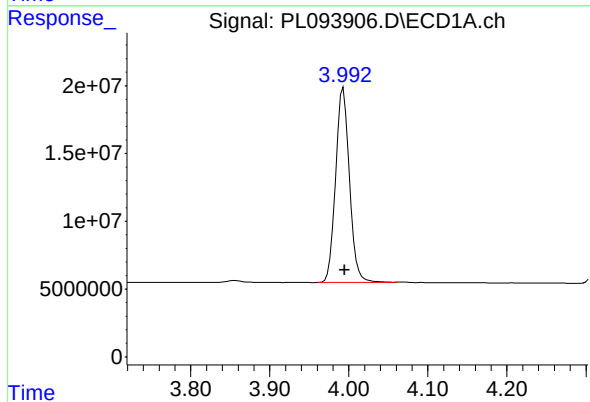
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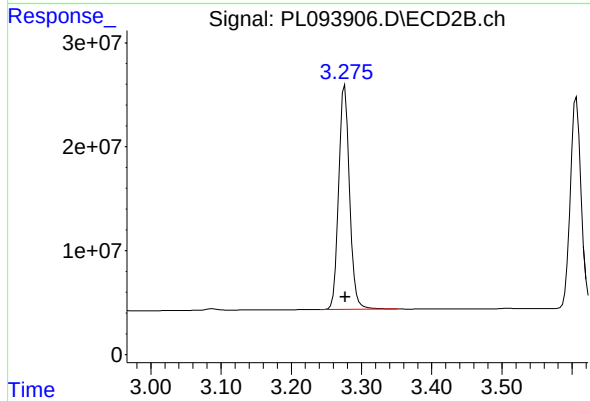
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 151915206
Conc: 46.54 ng/ml



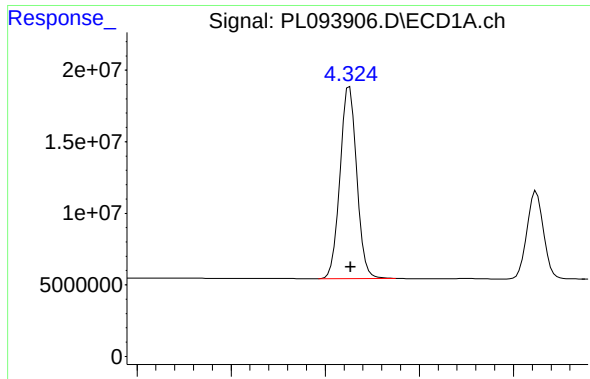
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 175089022
Conc: 45.67 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 231903439
Conc: 47.43 ng/ml



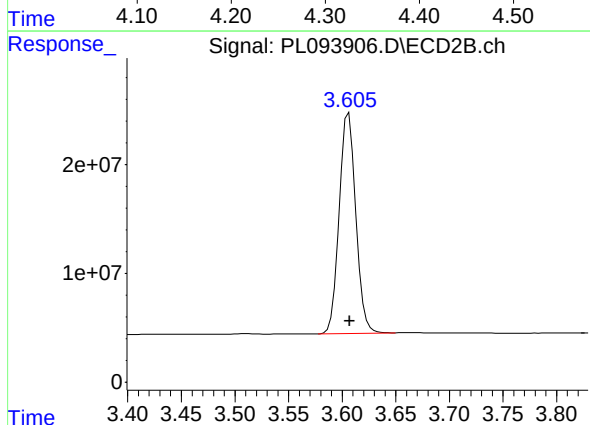
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 165816820
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

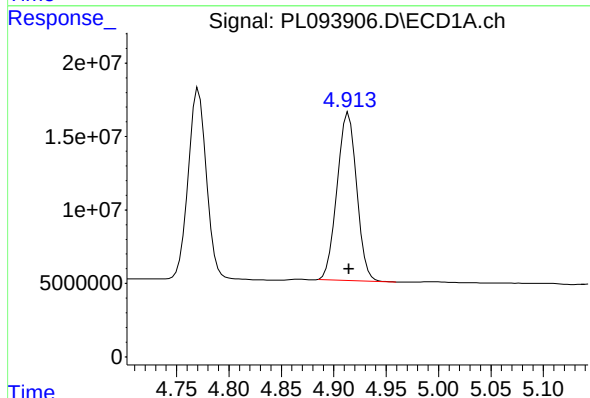
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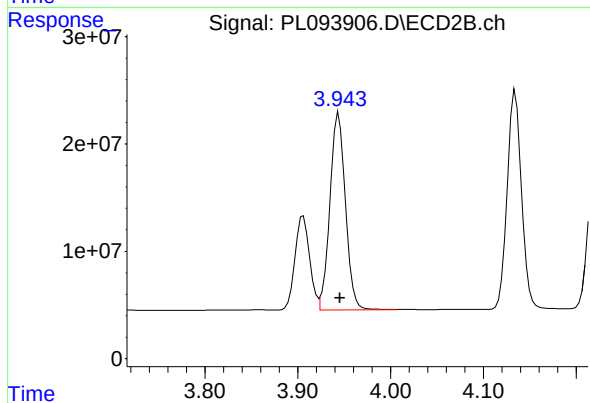
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 218368883
Conc: 46.06 ng/ml



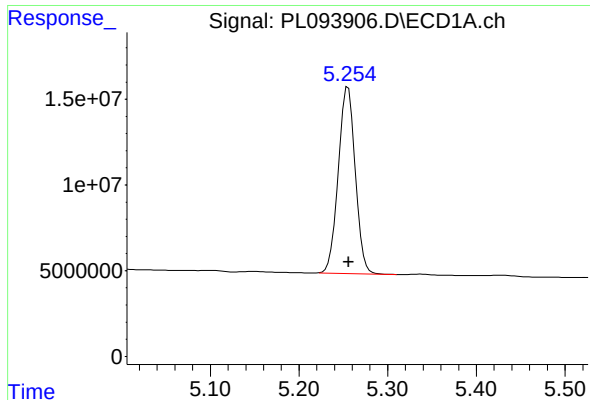
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 148113228
Conc: 45.19 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 213294264
Conc: 45.82 ng/ml



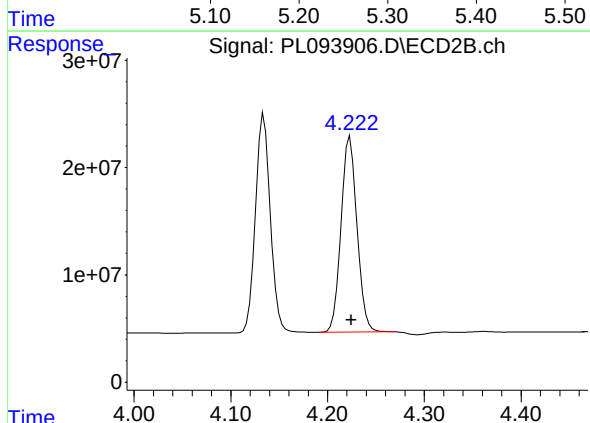
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 144471697
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

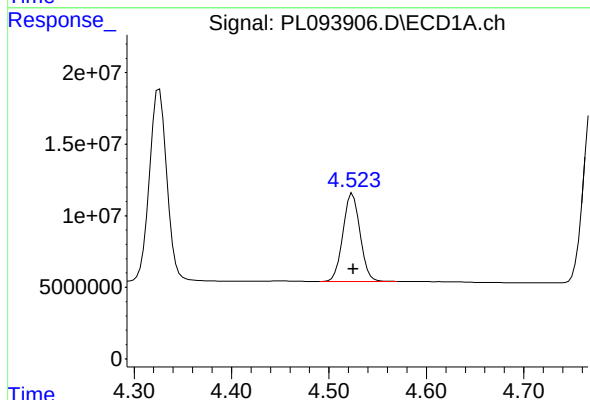
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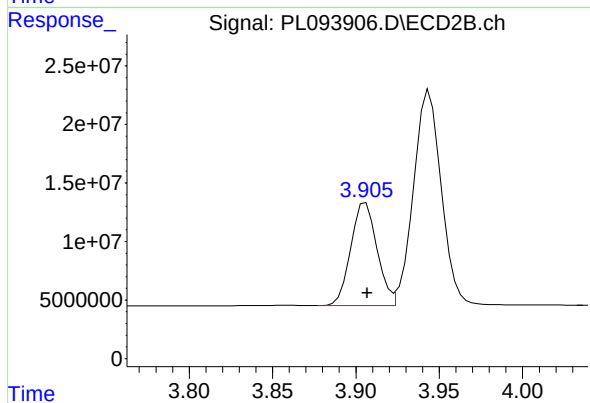
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 208888804
Conc: 45.79 ng/ml



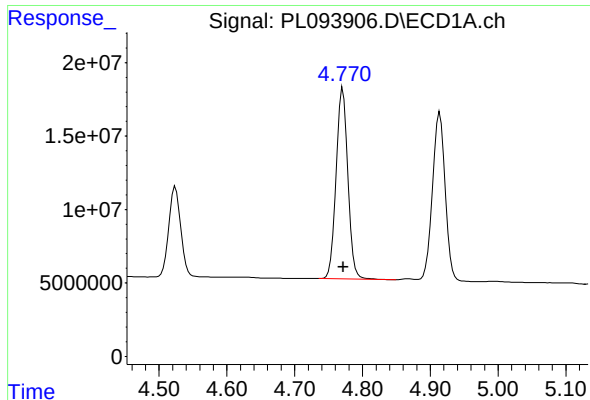
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 74823831
Conc: 46.55 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 96172612
Conc: 48.15 ng/ml



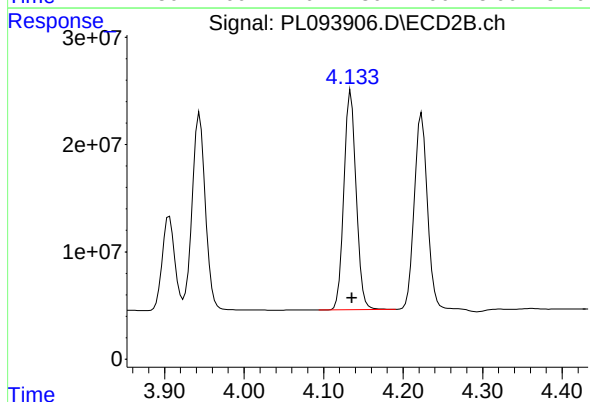
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 158024463
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

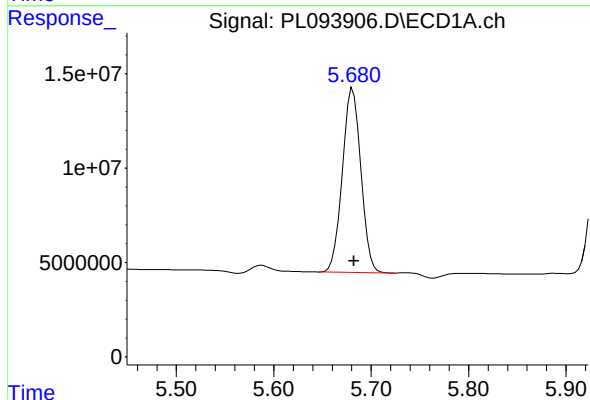
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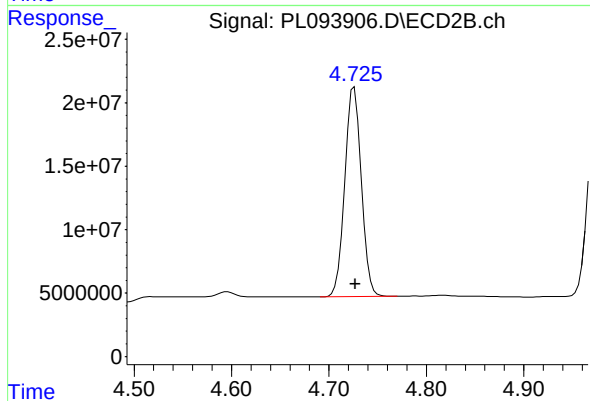
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 218789570
Conc: 46.05 ng/ml



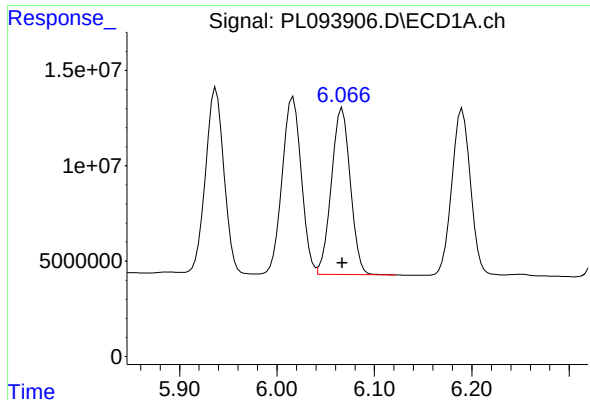
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 128589227
Conc: 43.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 194425449
Conc: 46.51 ng/ml



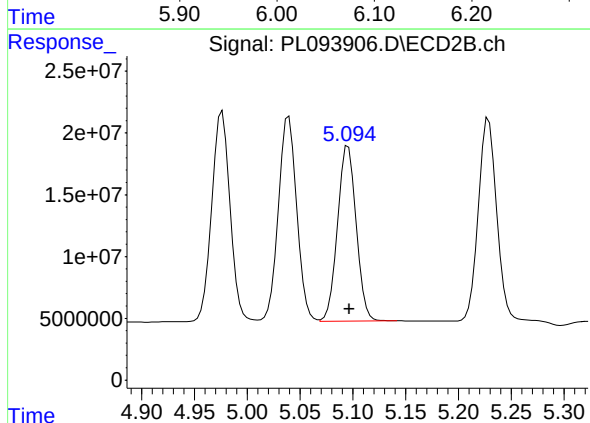
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 118049708
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

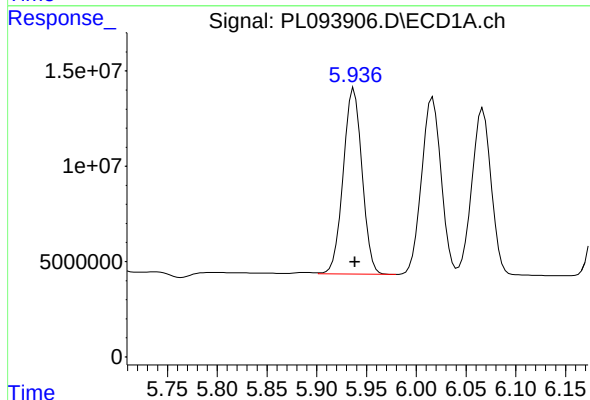
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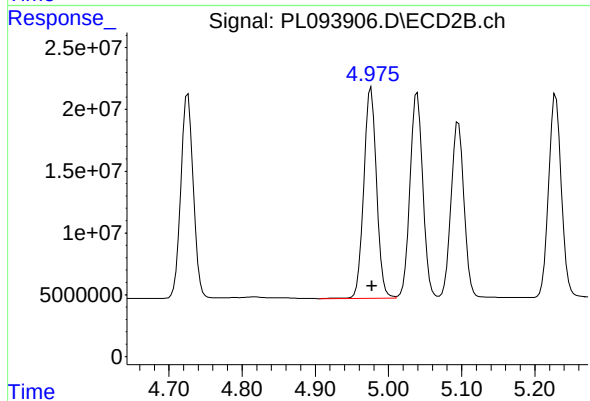
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 174384267
Conc: 44.98 ng/ml



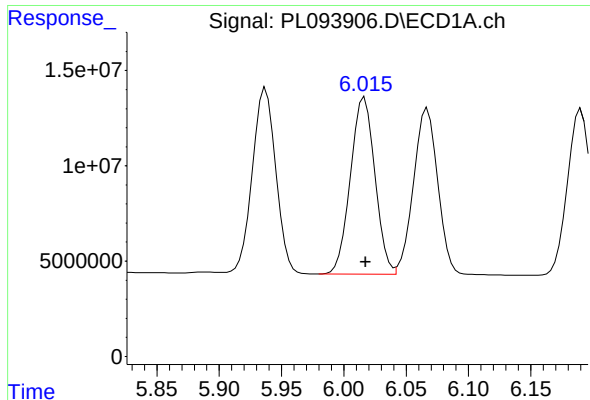
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 128457769
Conc: 46.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 206465886
Conc: 48.72 ng/ml



#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 127130092
Conc: 45.59 ng/ml

Instrument :

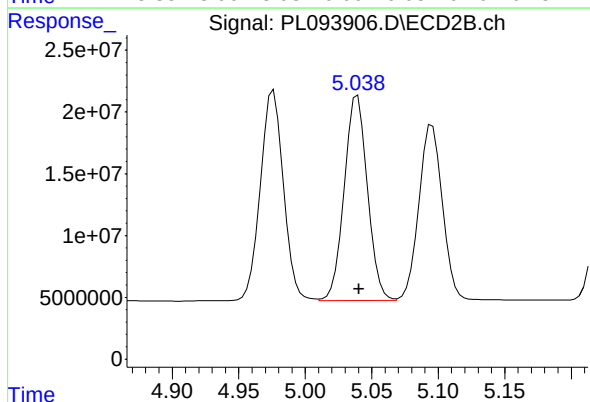
ECD_L

ClientSampleId :

PSTDCCC050

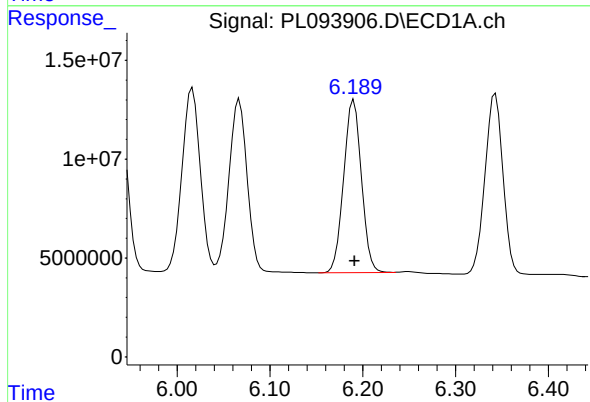
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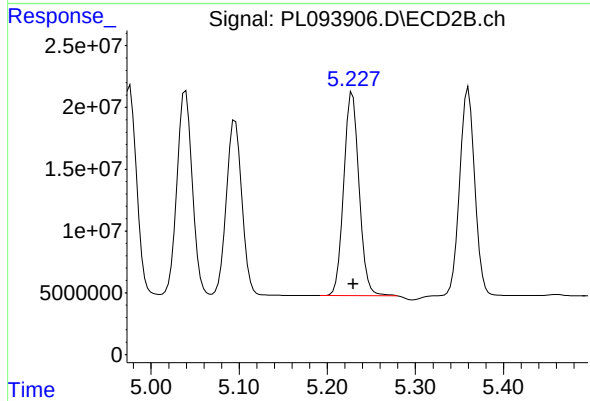
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 201307013
Conc: 48.08 ng/ml



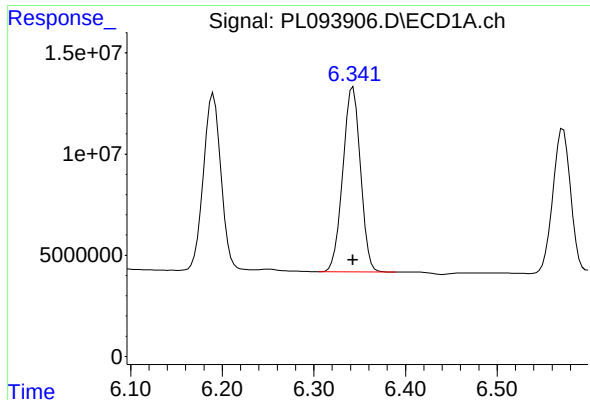
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 116153368
Conc: 47.71 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.001 min
Response: 199322174
Conc: 49.71 ng/ml



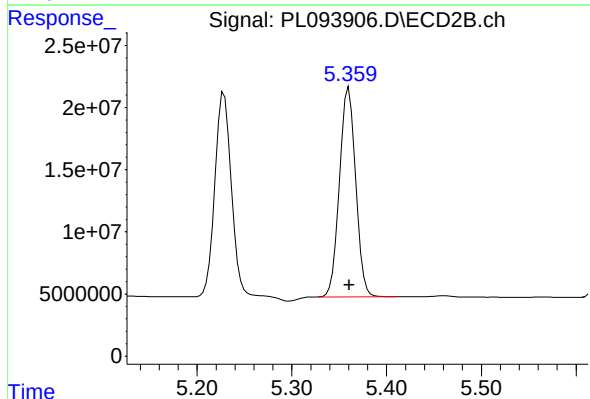
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 122998231
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

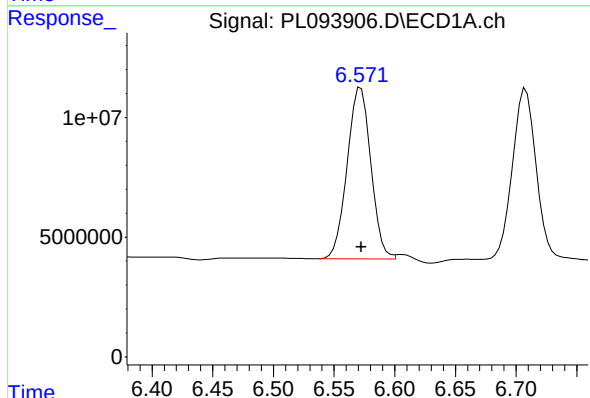
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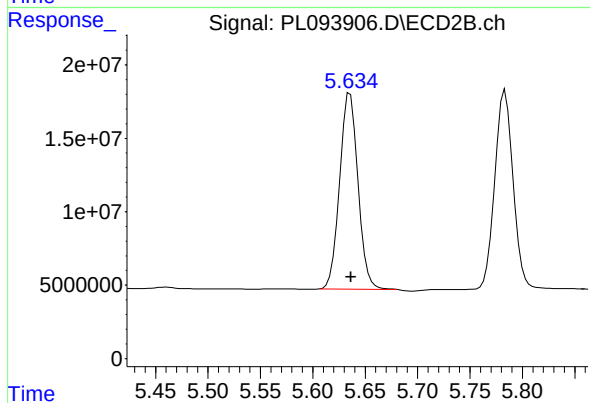
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 199289605
Conc: 46.39 ng/ml



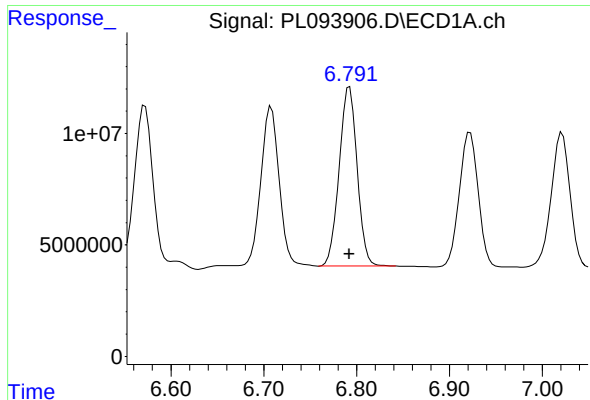
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 97668137
Conc: 41.65 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 162941757
Conc: 44.13 ng/ml



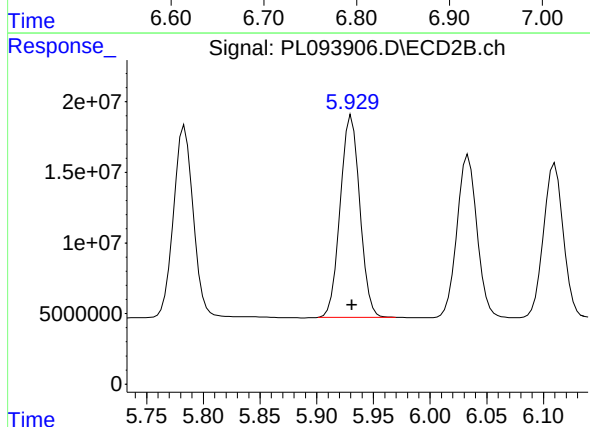
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 108179880
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

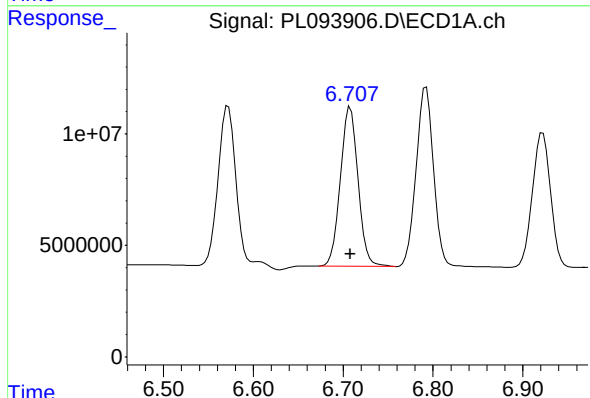
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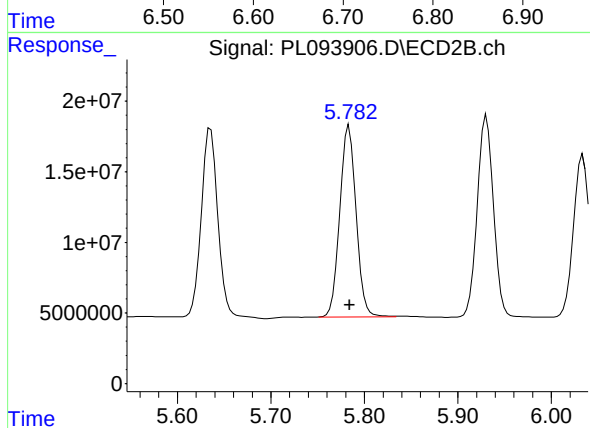
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 171677299
Conc: 46.35 ng/ml



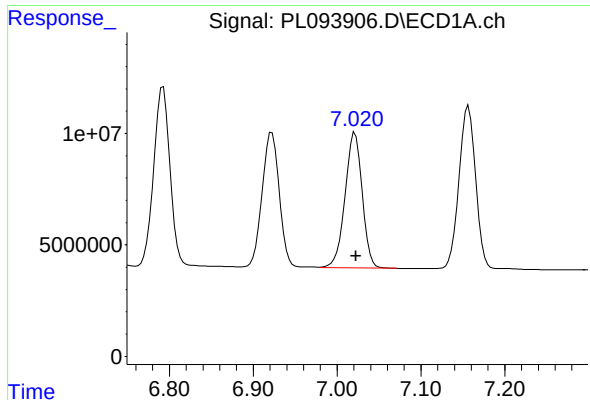
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 97469117
Conc: 51.28 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 164085835
Conc: 51.98 ng/ml



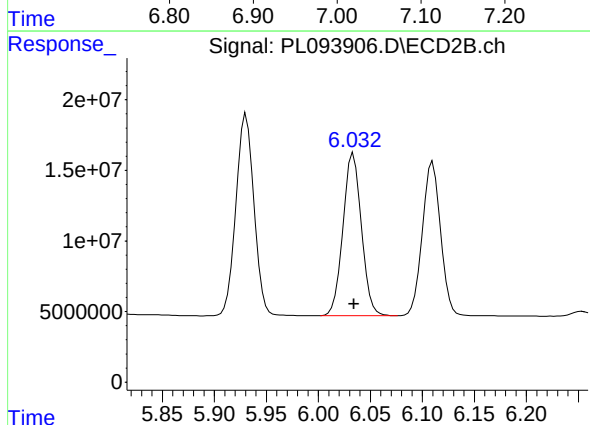
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 86222240
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

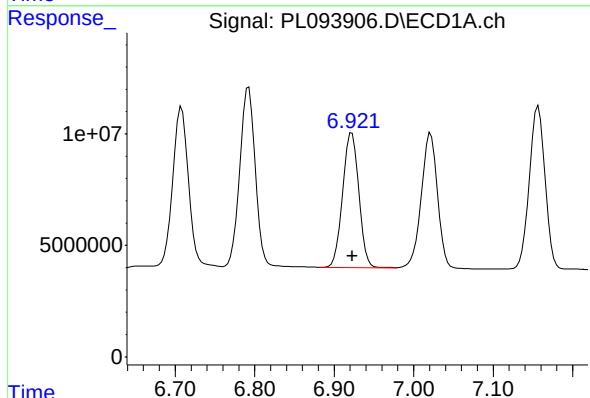
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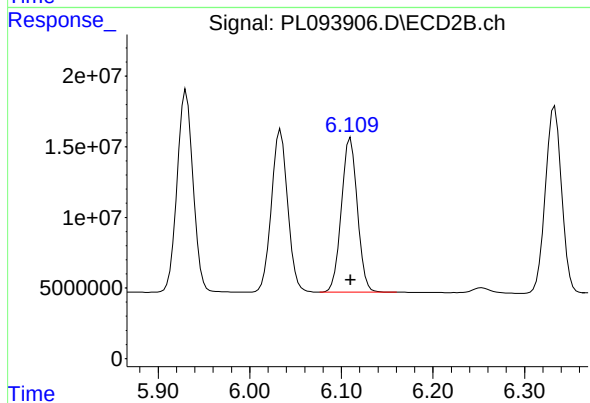
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 142061745
Conc: 43.66 ng/ml



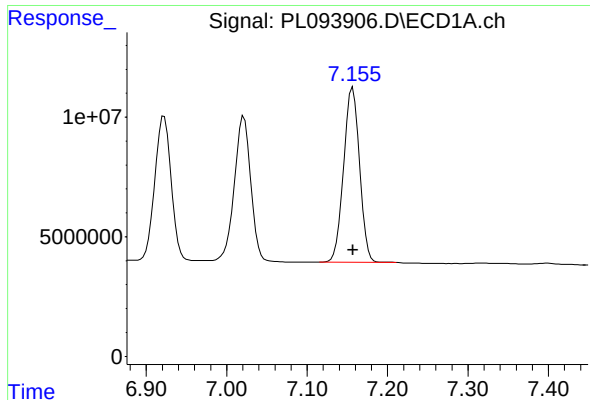
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 85722518
Conc: 44.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 132863703
Conc: 43.64 ng/ml



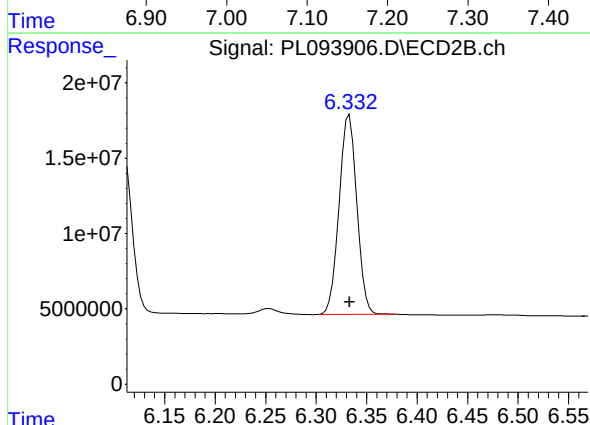
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 100581582
Conc: 44.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

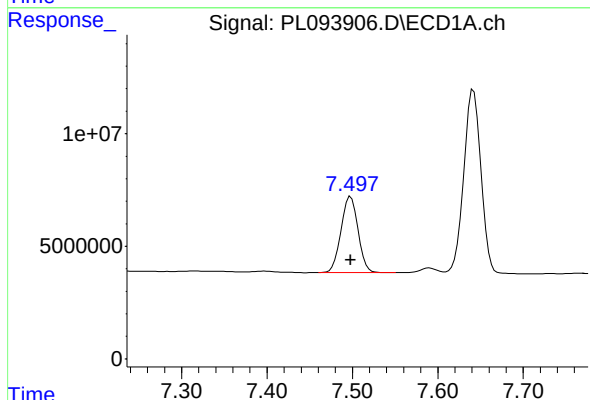
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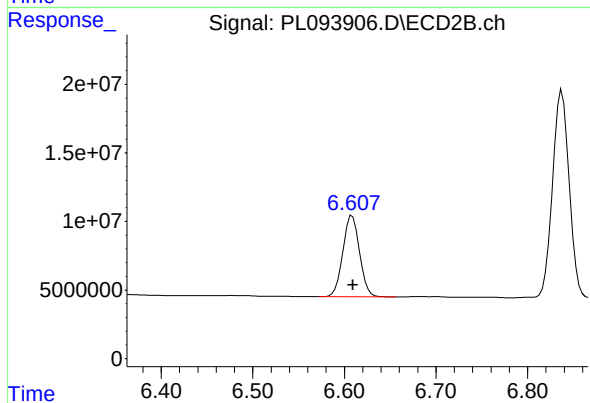
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 162518129
Conc: 45.57 ng/ml



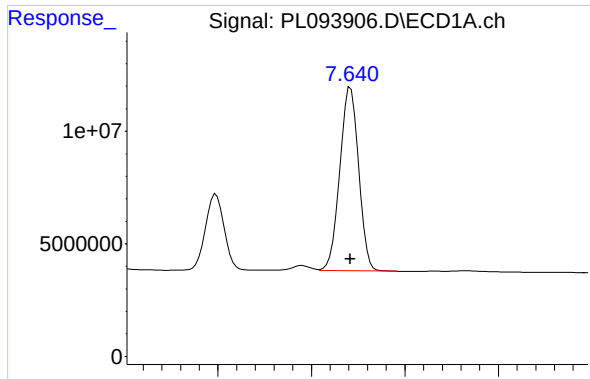
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 46657244
Conc: 44.72 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 75330218
Conc: 42.13 ng/ml



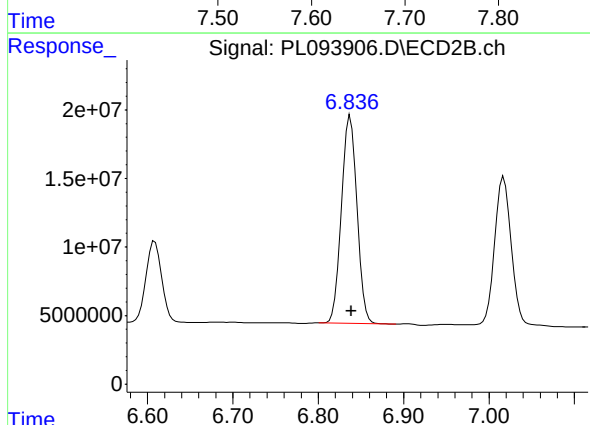
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 114288339
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

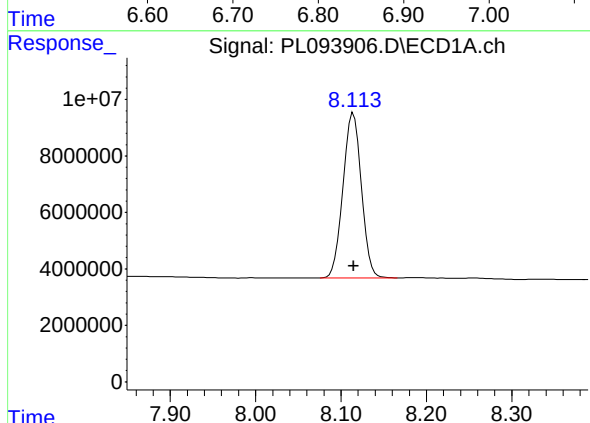
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Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



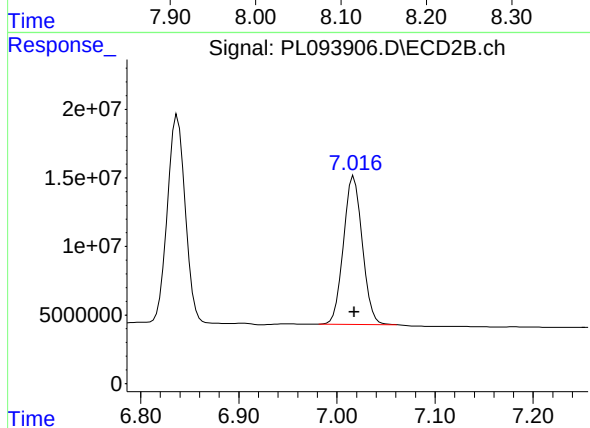
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 190627250
Conc: 45.44 ng/ml



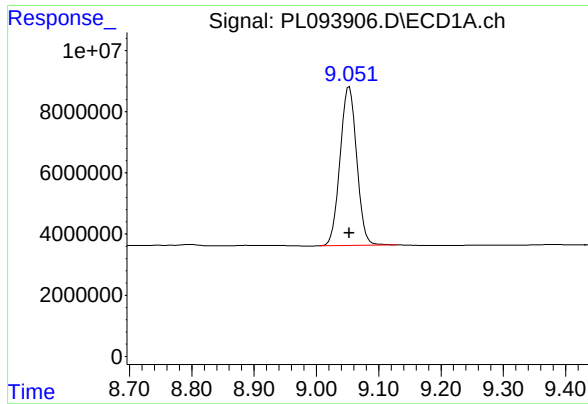
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 87455487
Conc: 42.00 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 144147887
Conc: 42.62 ng/ml



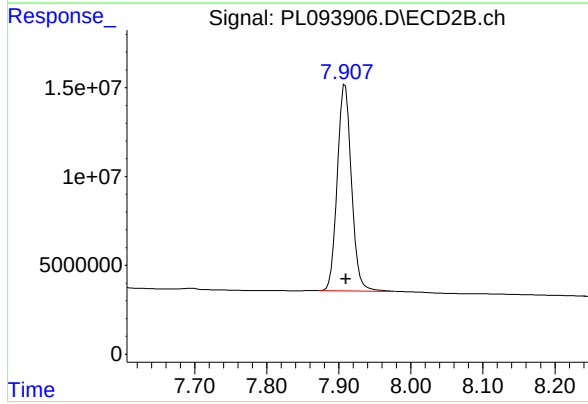
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 96155717
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 158111985
Conc: 45.12 ng/ml