

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 20:45
 Operator : AR\AJ
 Sample : Q1239-10MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 357MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:34:08 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...	3.536	2.773	50300528	58521224	18.680m	17.928
28) SA Decachlor...	9.056	7.911	32207548	47799485	15.396	13.641
Target Compounds						
2) A alpha-BHC	3.993	3.276	193.1E6	241.4E6	50.362	49.377
3) MA gamma-BHC...	4.326	3.606	181.6E6	231.1E6	49.311	48.750
4) MA Heptachlor	4.914	3.944	169.1E6	232.1E6	51.608	49.869
5) MB Aldrin	5.256	4.223	162.2E6	223.9E6	49.585	49.085
6) B beta-BHC	4.525	3.906	82285429	101.8E6	51.194	50.971
7) B delta-BHC	4.772	4.134	178.5E6	234.6E6	50.937	49.368
8) B Heptachlo...	5.683	4.726	142.9E6	212.5E6	48.061	50.825
9) A Endosulfan I	6.069	5.096	131.1E6	190.7E6	49.609	49.182
10) B gamma-Chl...	5.939	4.975	142.5E6	225.5E6	51.108	53.213m
11) B alpha-Chl...	6.018	5.040	142.0E6	219.5E6	50.916	52.436
12) B 4,4'-DDE	6.192	5.229	124.0E6	218.9E6	50.915	54.583
13) MA Dieldrin	6.344	5.360	135.7E6	225.5E6	48.886	52.484
14) MA Endrin	6.572	5.635	113.5E6	196.2E6	48.400m	53.138m
15) B Endosulfa...	6.794	5.931	118.0E6	189.3E6	48.982	51.113
16) A 4,4'-DDD	6.708	5.784	107.3E6	173.5E6	56.444m	54.951
17) MA 4,4'-DDT	7.023	6.034	102.7E6	169.1E6	52.056	51.970
18) B Endrin al...	6.924	6.110	92653355	144.8E6	47.660	47.566
19) B Endosulfa...	7.159	6.333	109.0E6	178.8E6	48.131	50.138
20) A Methoxychlor	7.500	6.609	52631768	89126412	50.443	49.843
21) B Endrin ke...	7.644	6.838	121.0E6	200.4E6	47.957	47.780
22) Mirex	8.117	7.019	88327251	149.6E6	42.414	44.228

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2025 20:45
Operator : AR\AJ
Sample : Q1239-10MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

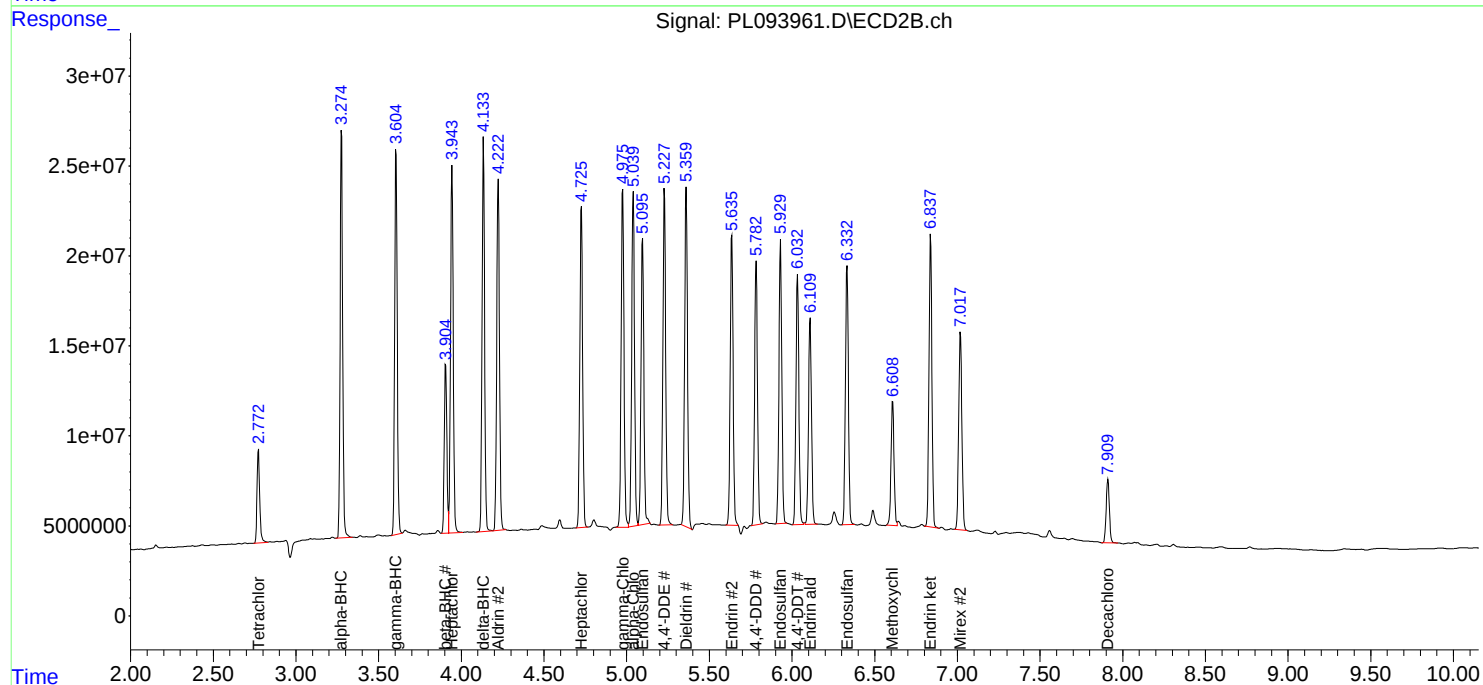
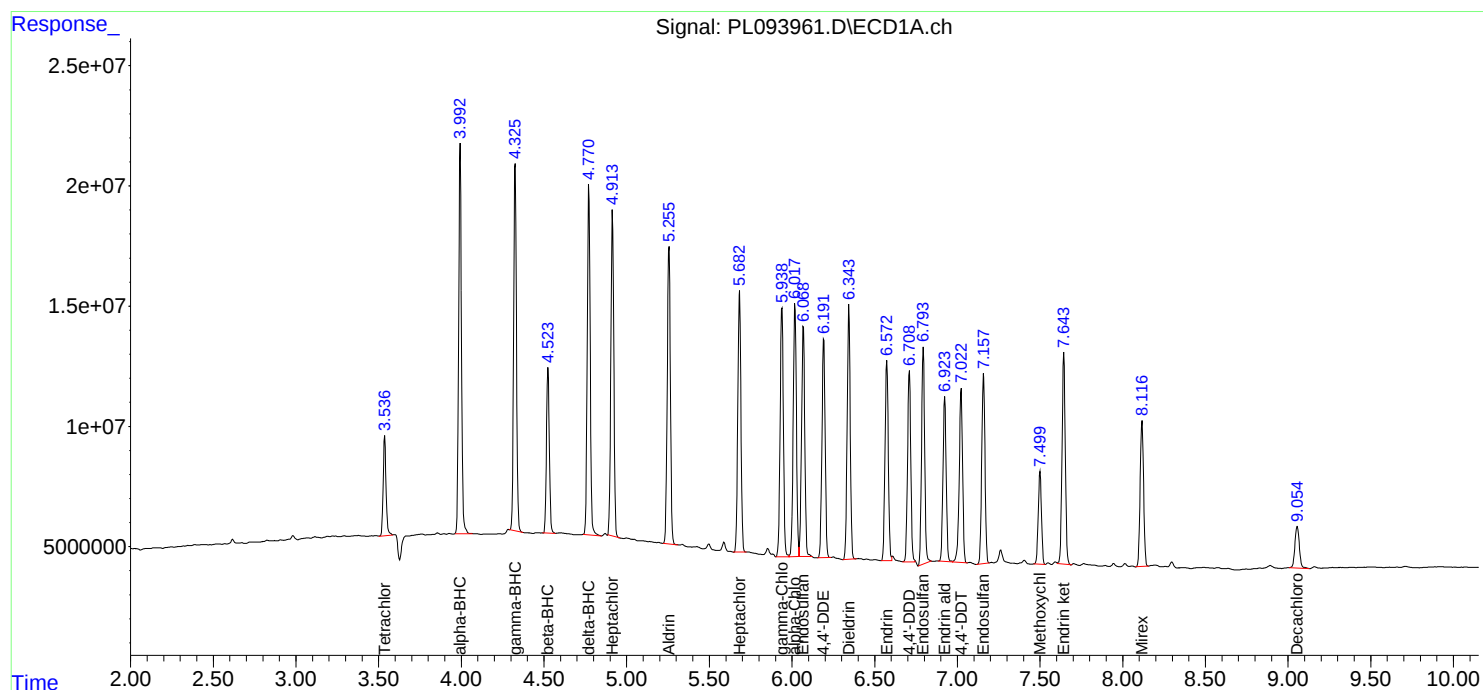
Instrument :
ECD_L
ClientSampleId :
357MSD

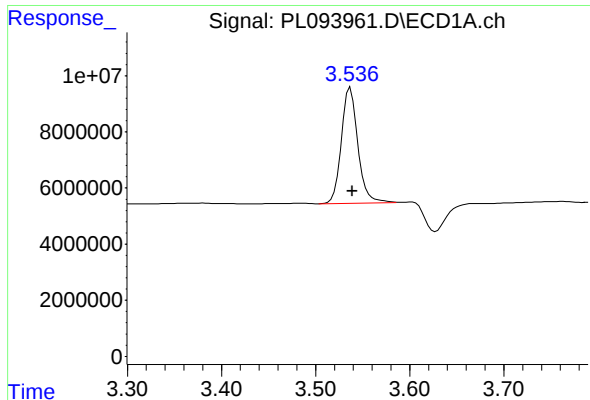
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:34:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





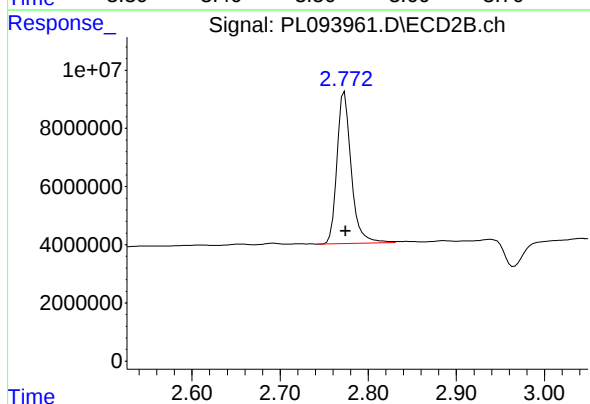
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 50300528
Conc: 18.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

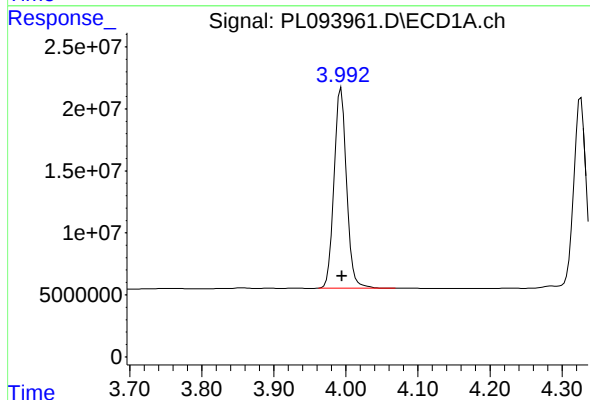
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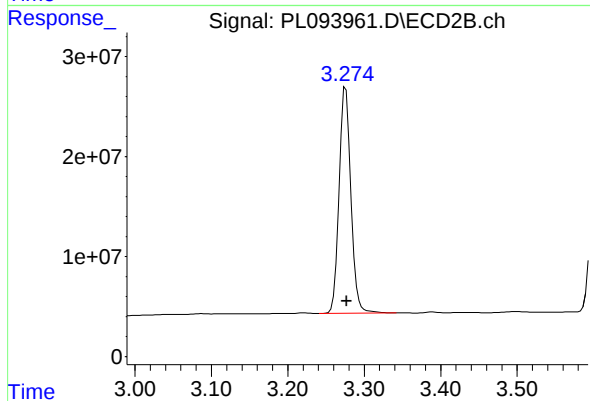
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 58521224
Conc: 17.93 ng/ml



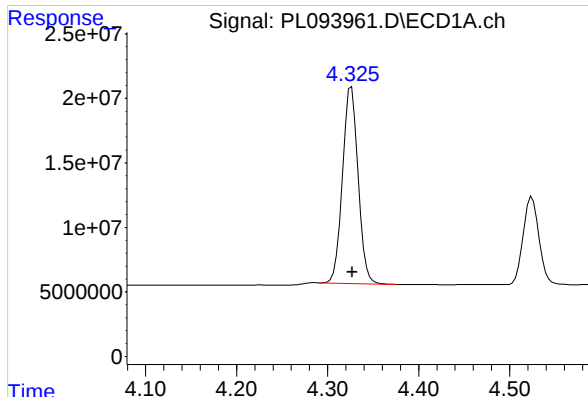
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 193081300
Conc: 50.36 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 241401784
Conc: 49.38 ng/ml



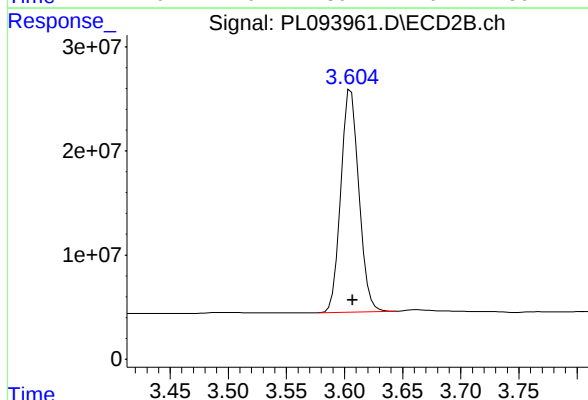
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 181606158
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

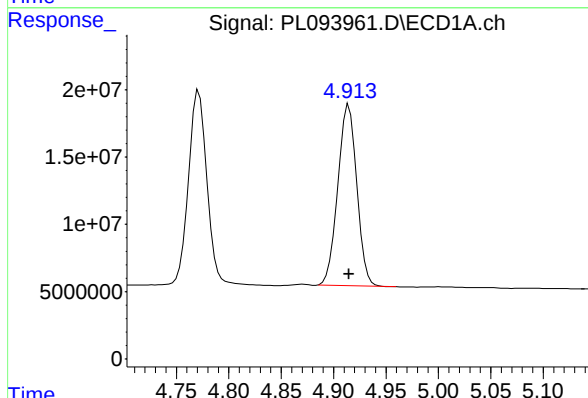
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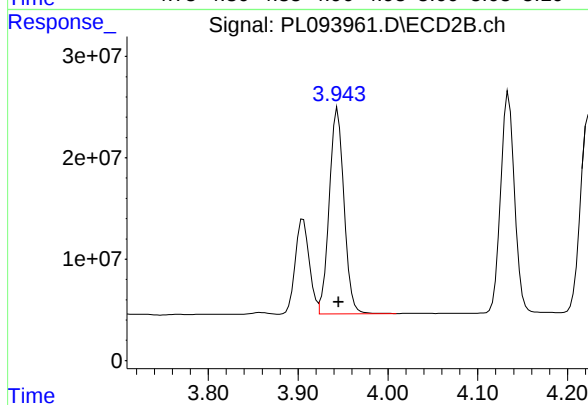
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 231135430
Conc: 48.75 ng/ml



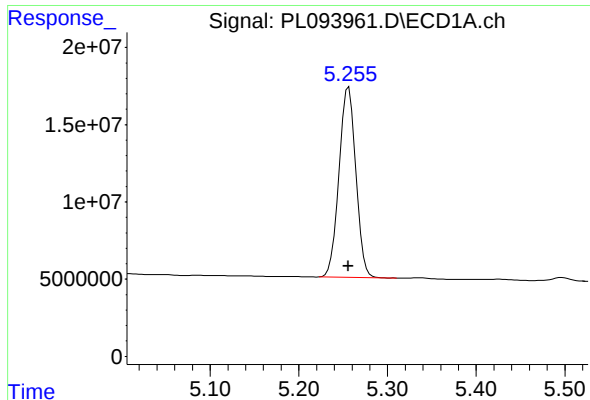
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 169137974
Conc: 51.61 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 232129771
Conc: 49.87 ng/ml



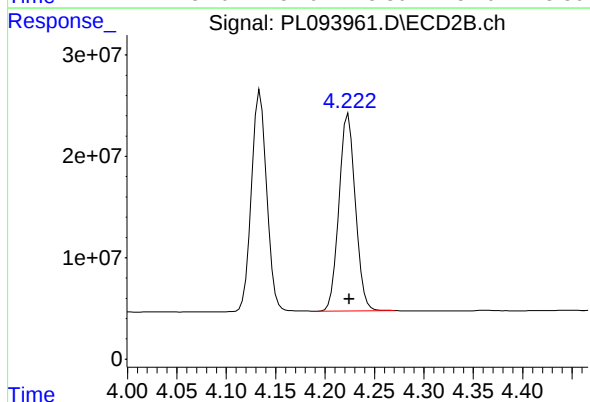
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 162239210
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

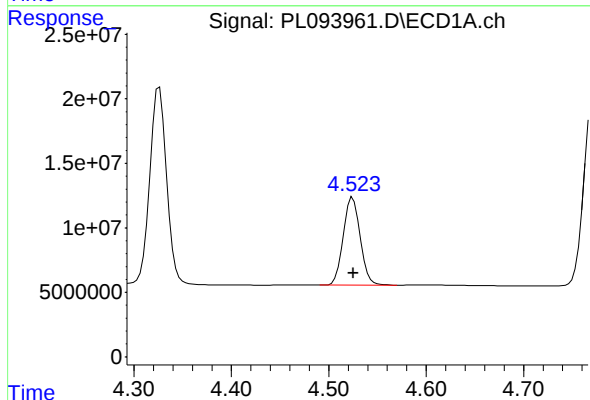
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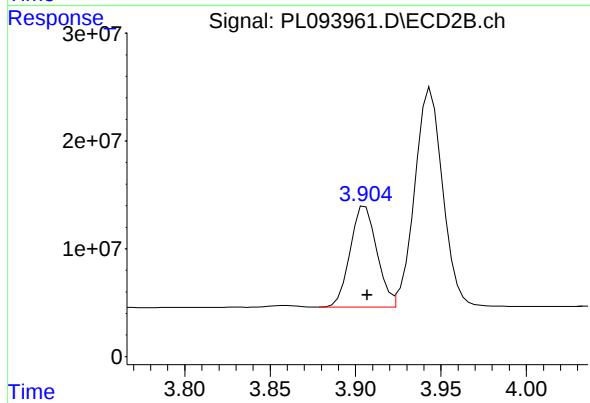
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 223914541
Conc: 49.08 ng/ml



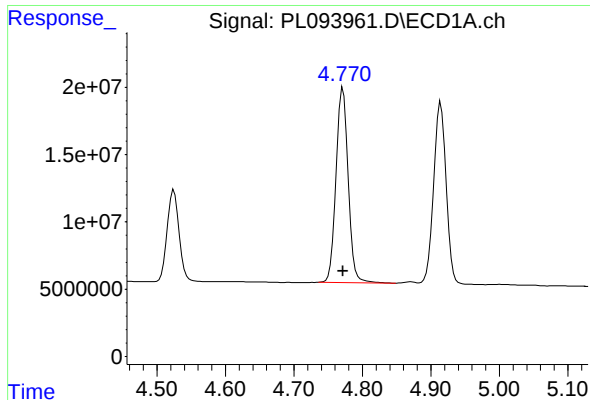
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 82285429
Conc: 51.19 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 101811998
Conc: 50.97 ng/ml



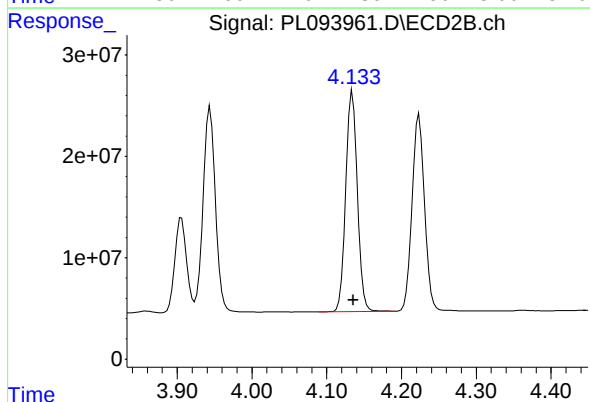
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 178547228
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

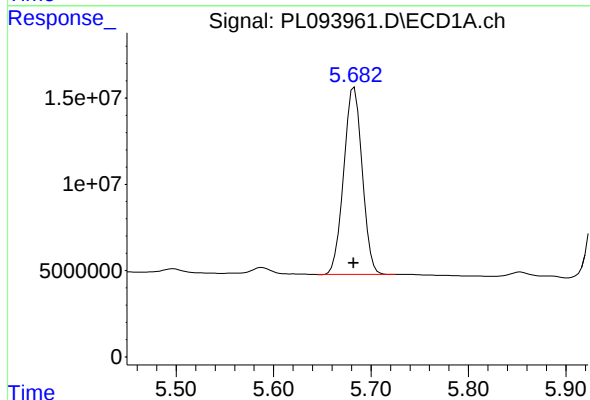
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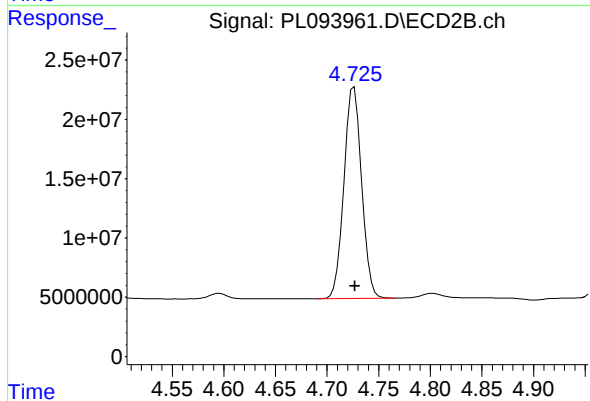
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 234560895
Conc: 49.37 ng/ml



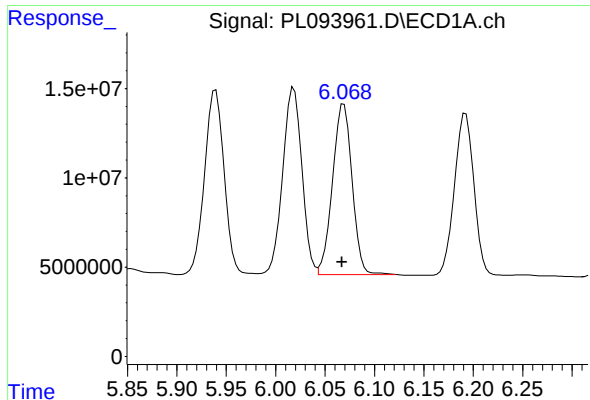
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 142925303
Conc: 48.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 212460541
Conc: 50.82 ng/ml



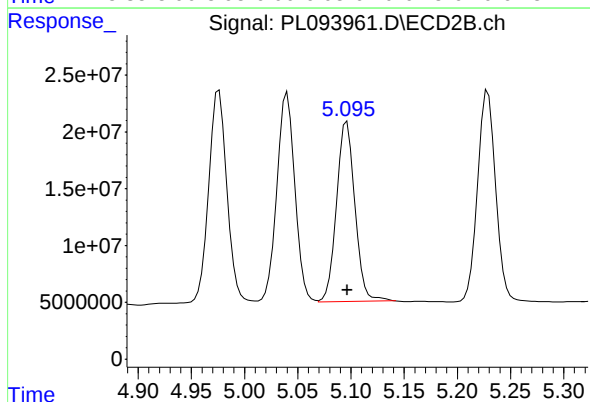
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 131110254
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

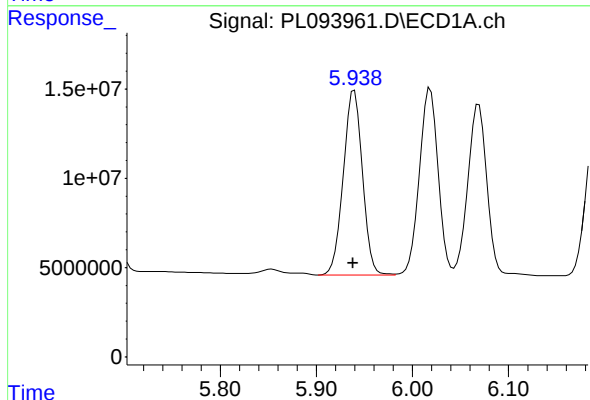
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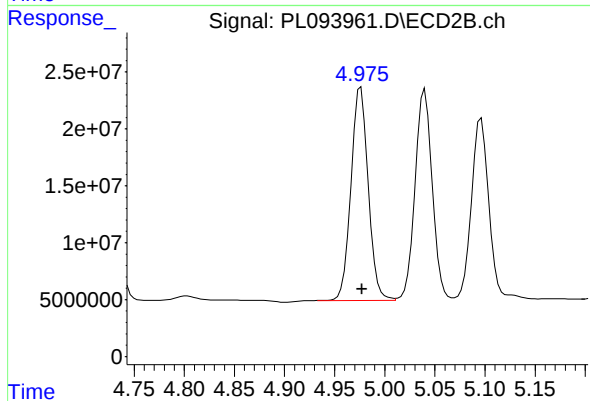
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 190673728
Conc: 49.18 ng/ml



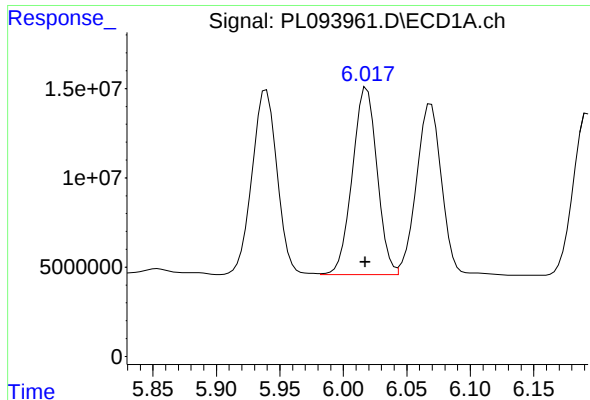
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 142457749
Conc: 51.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 225497434
Conc: 53.21 ng/ml m



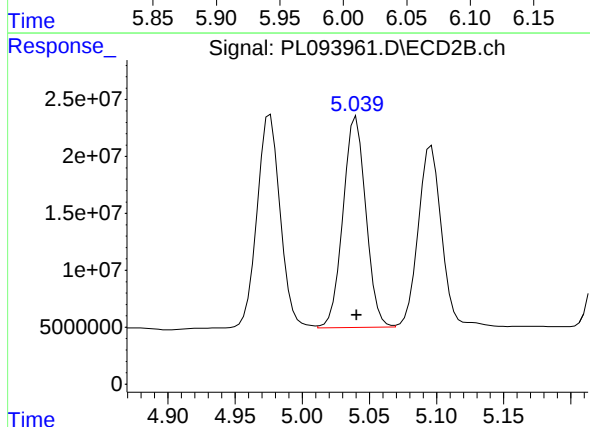
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.001 min
Response: 141973735
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

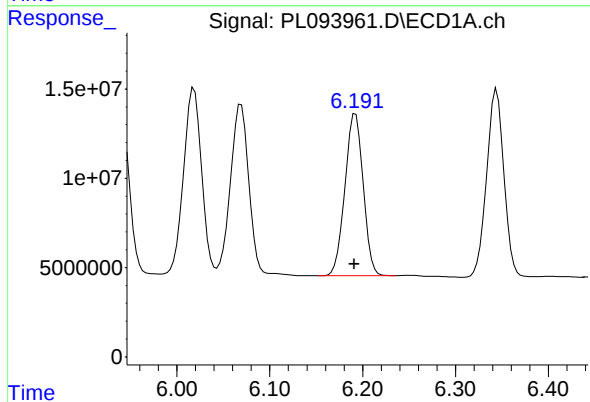
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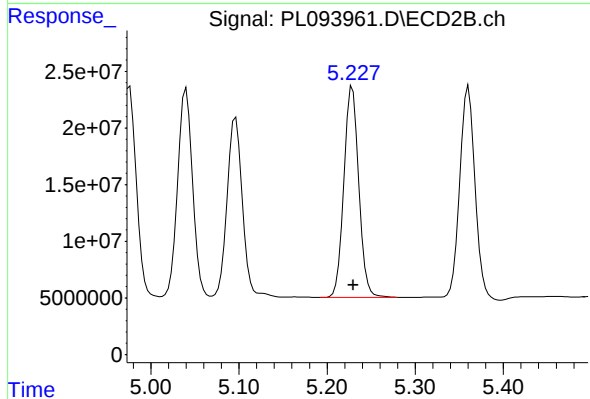
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 219526442
Conc: 52.44 ng/ml



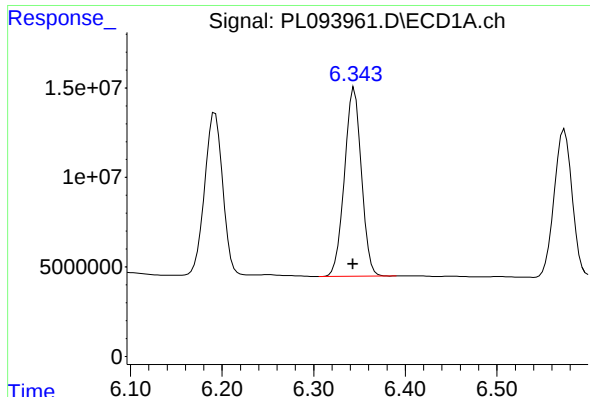
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 123956358
Conc: 50.91 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 218850428
Conc: 54.58 ng/ml



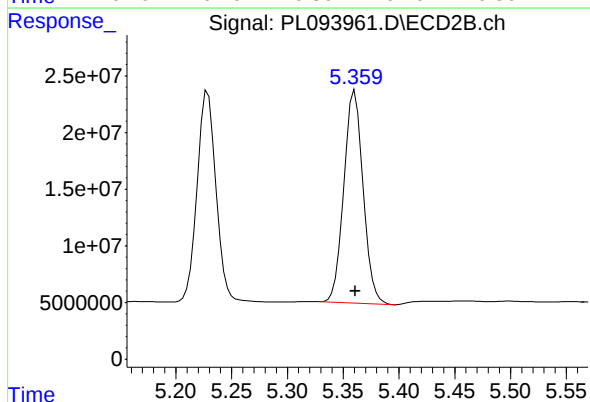
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 135700909
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

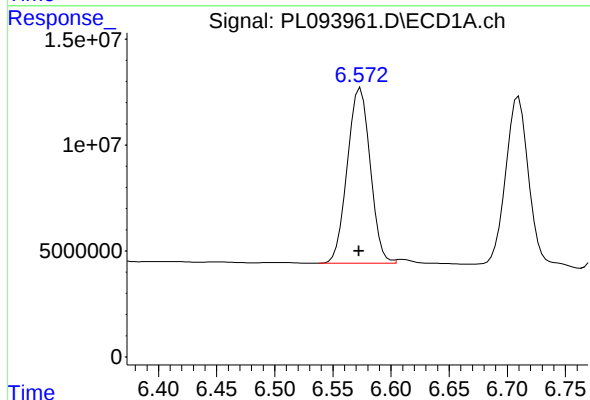
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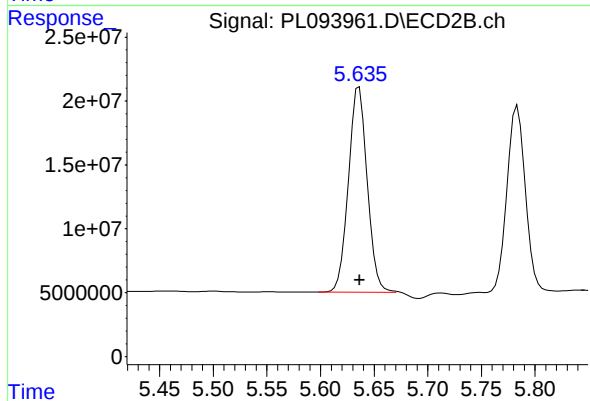
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 225450604
Conc: 52.48 ng/ml



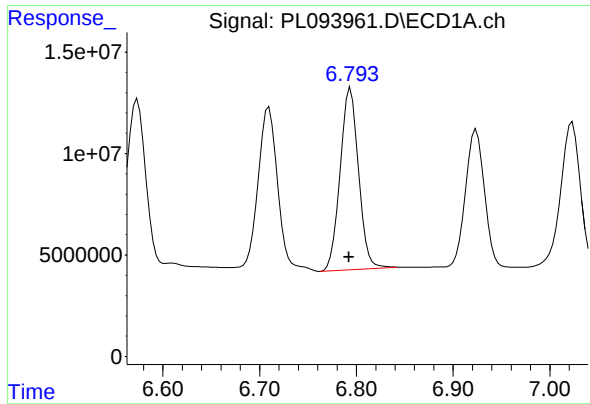
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 113489417
Conc: 48.40 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 196220745
Conc: 53.14 ng/ml m



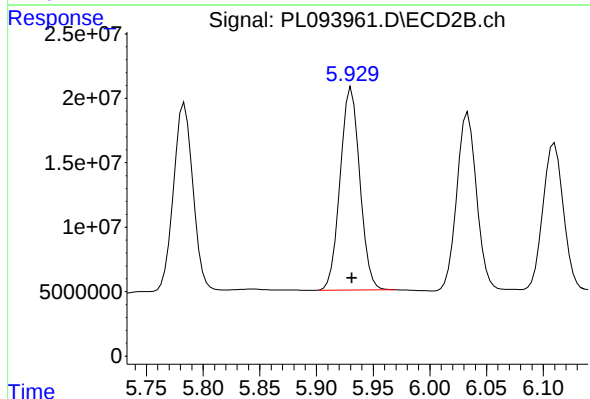
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 118015882
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

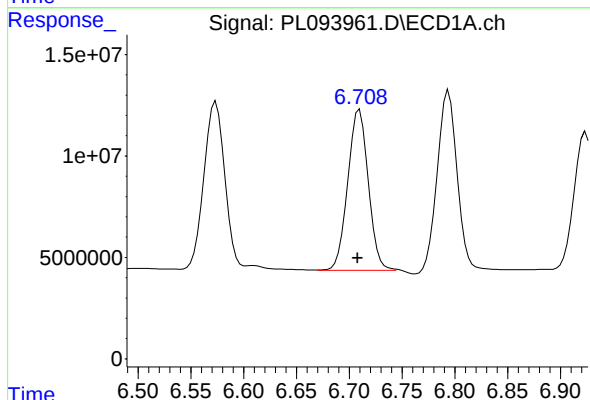
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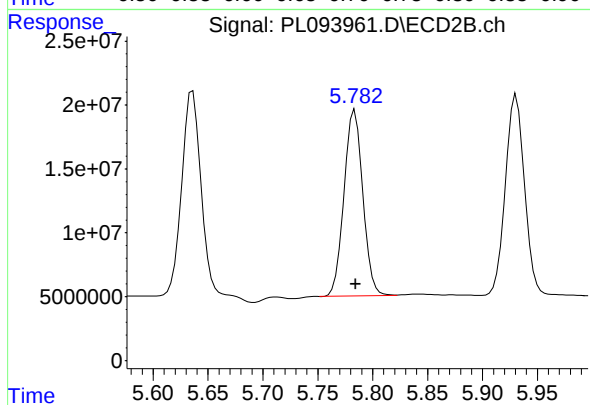
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 189315492
Conc: 51.11 ng/ml



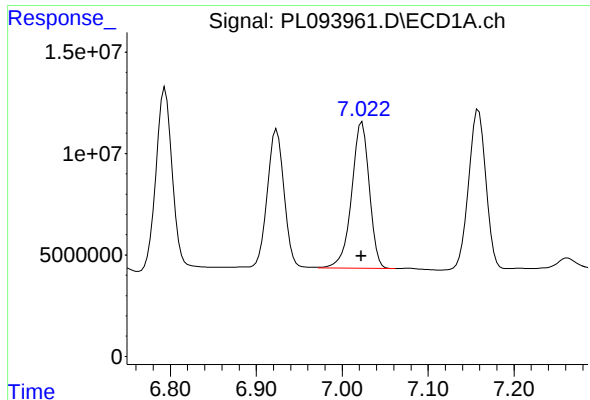
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 107274421
Conc: 56.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 173455259
Conc: 54.95 ng/ml



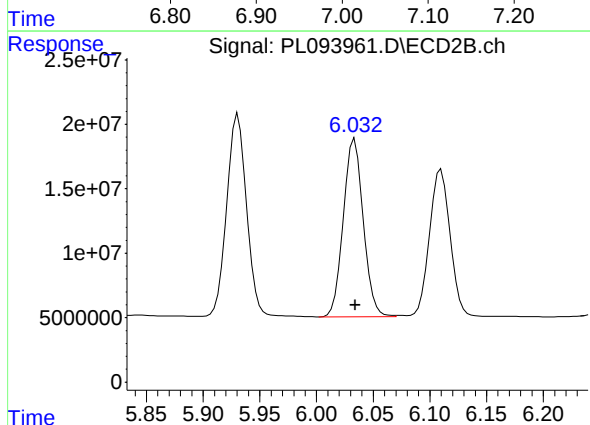
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 102656848
Conc: 52.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

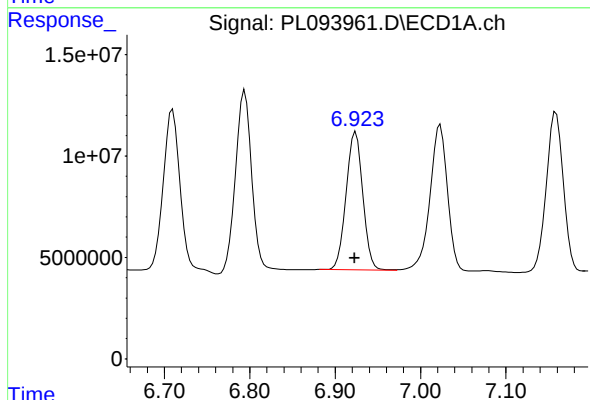
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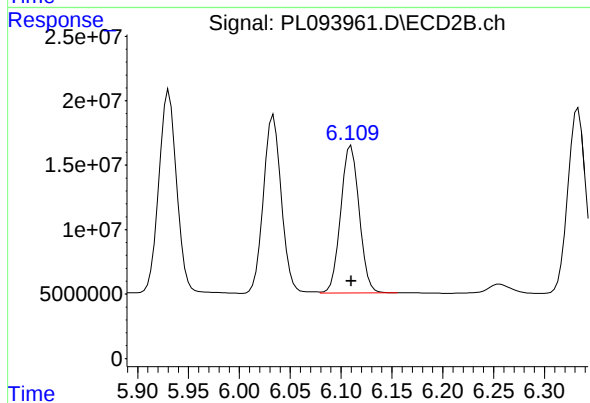
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 169112807
Conc: 51.97 ng/ml



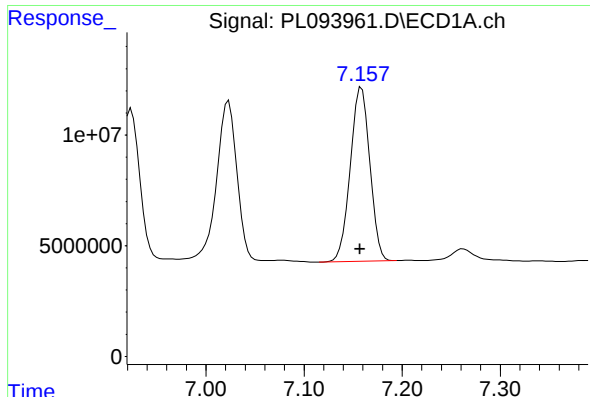
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 92653355
Conc: 47.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 144821876
Conc: 47.57 ng/ml



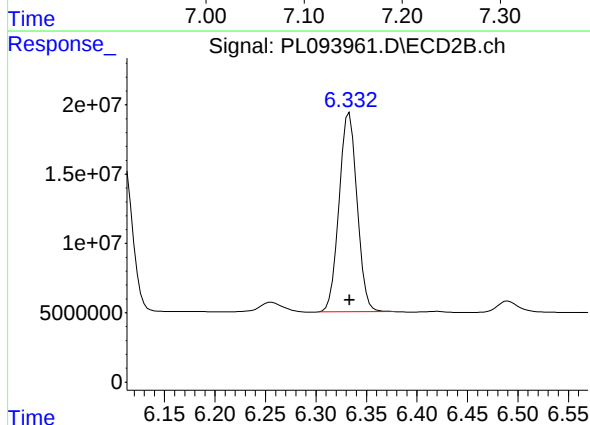
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 108956035
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

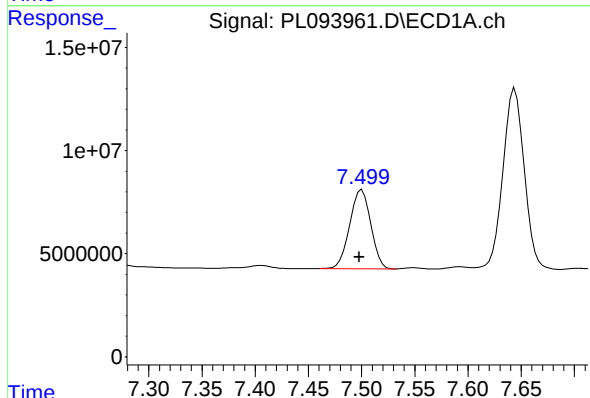
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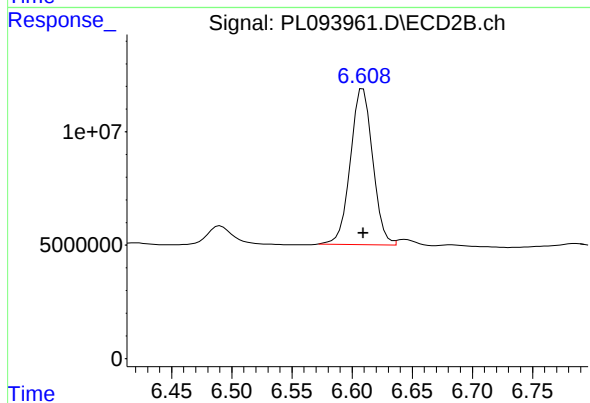
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 178795532
Conc: 50.14 ng/ml



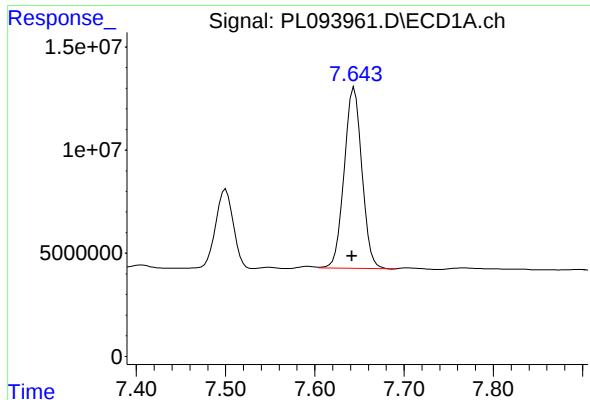
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 52631768
Conc: 50.44 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 89126412
Conc: 49.84 ng/ml



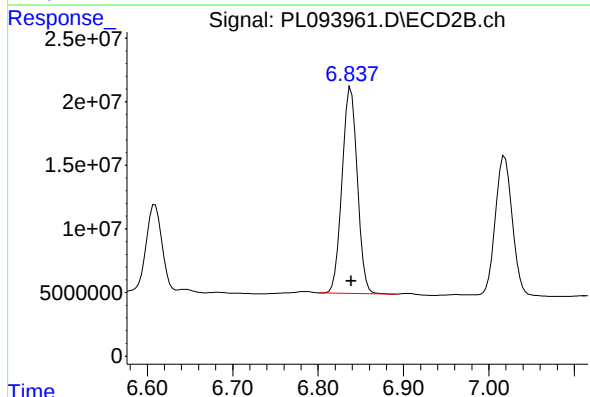
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 120977141
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

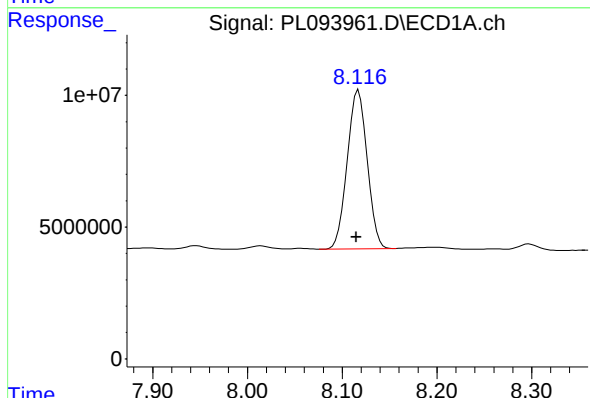
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



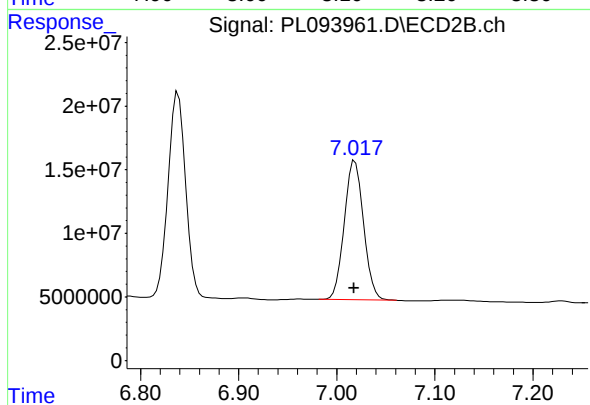
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 200448431
Conc: 47.78 ng/ml



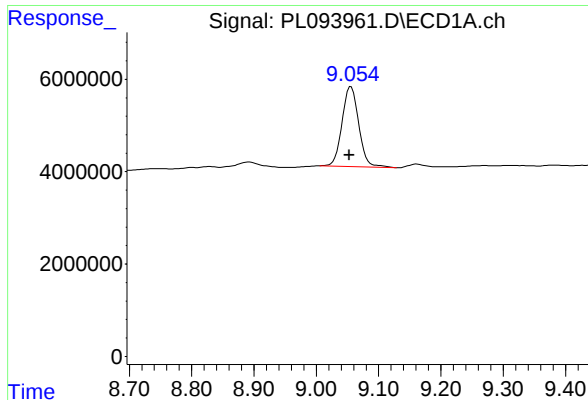
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 88327251
Conc: 42.41 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 149573926
Conc: 44.23 ng/ml



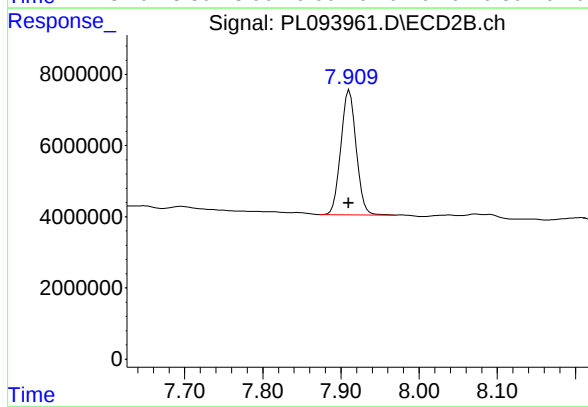
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 32207548
Conc: 15.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
357MSD

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 47799485
Conc: 13.64 ng/ml