

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
 Data File : PL093334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2024 13:49
 Operator : AR\AJ
 Sample : PB165473BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165473BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:24:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.776	49183500	51985831	18.924	18.025
28) SA Decachlor...	9.060	7.915	38719722	59500860	22.271	20.830
Target Compounds						
2) A alpha-BHC	4.000	3.279	167.1E6	206.8E6	46.819	48.438
3) MA gamma-BHC...	4.333	3.609	153.8E6	199.3E6	45.520	48.153
4) MA Heptachlor	4.921	3.948	147.0E6	206.8E6	48.089	51.119
5) MB Aldrin	5.263	4.228	141.1E6	196.6E6	46.938	49.420
6) B beta-BHC	4.531	3.909	69280432	85876621	45.889	48.276
7) B delta-BHC	4.779	4.138	141.2E6	191.5E6	42.688	44.874
8) B Heptachlo...	5.688	4.730	129.4E6	185.7E6	46.617m	50.993
9) A Endosulfan I	6.075	5.100	118.9E6	175.9E6	48.840	52.623
10) B gamma-Chl...	5.945	4.980	127.6E6	196.8E6	49.520	53.104
11) B alpha-Chl...	6.024	5.044	128.7E6	191.9E6	49.659	52.866
12) B 4,4'-DDE	6.198	5.233	112.0E6	181.0E6	47.857	50.551
13) MA Dieldrin	6.349	5.364	126.5E6	195.2E6	49.338	52.967
14) MA Endrin	6.578	5.640	101.4E6	159.6E6	48.329m	50.047
15) B Endosulfa...	6.800	5.935	110.4E6	170.6E6	50.643	53.841
16) A 4,4'-DDD	6.715	5.788	88763912	138.2E6	48.444	49.299
17) MA 4,4'-DDT	7.029	6.038	96401105	154.1E6	50.005	52.024
18) B Endrin al...	6.929	6.114	87177967	133.0E6	48.255	50.706
19) B Endosulfa...	7.164	6.337	101.8E6	158.4E6	49.136	52.101
20) A Methoxychlor	7.505	6.613	48864454	71295165	46.766	46.691
21) B Endrin ke...	7.649	6.842	114.3E6	188.1E6	50.380	56.041
22) Mirex	8.121	7.023	88728977	139.1E6	49.123	51.785

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
Data File : PL093334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2024 13:49
Operator : AR\AJ
Sample : PB165473BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165473BS

Manual Integrations

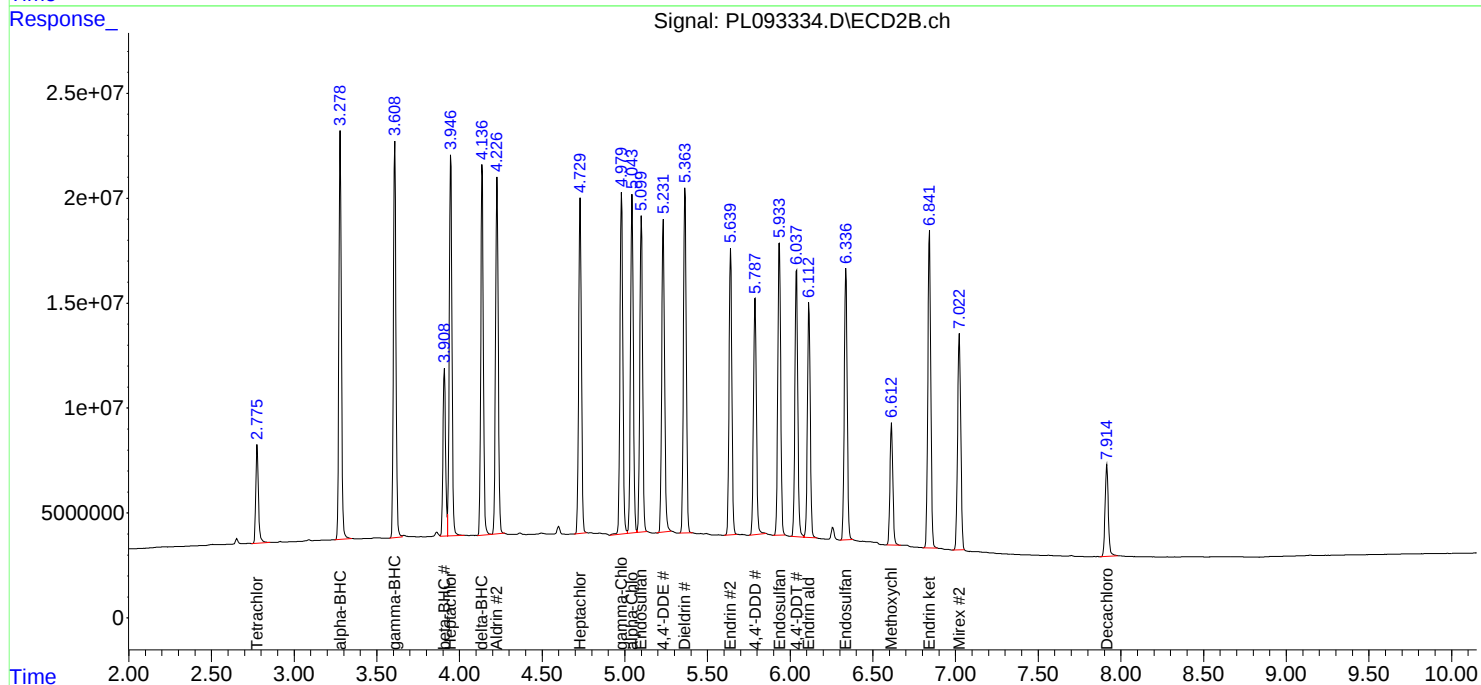
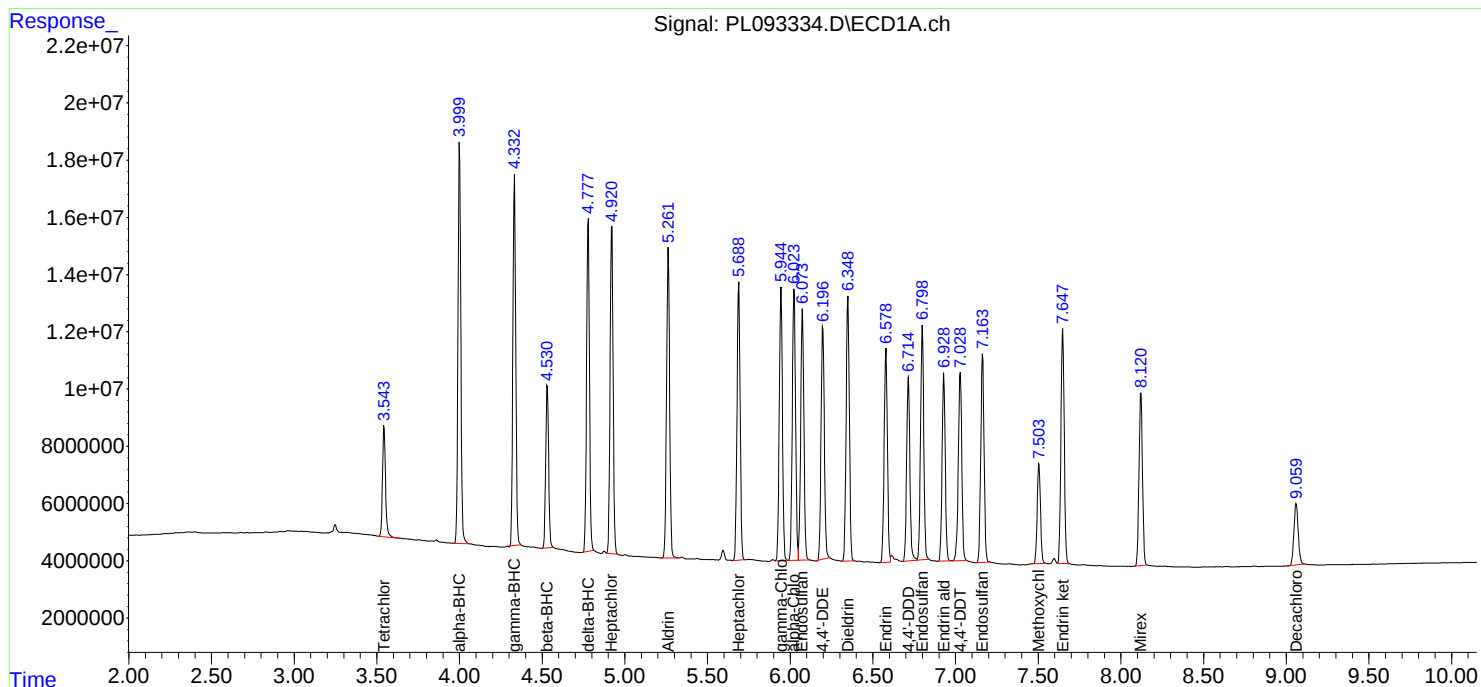
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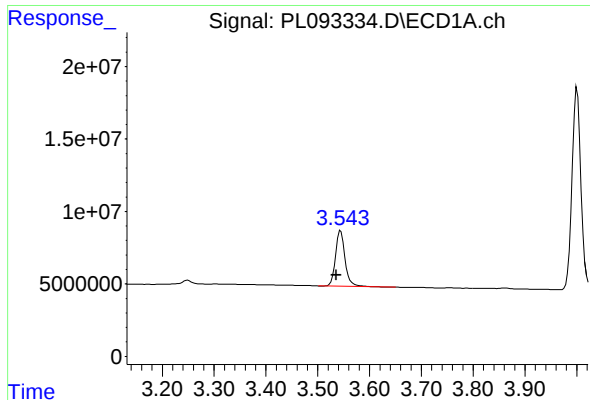
Reviewed By :Abdul Mirza 12/10/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:24:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.008 min
Response: 49183500
Conc: 18.92 ng/ml

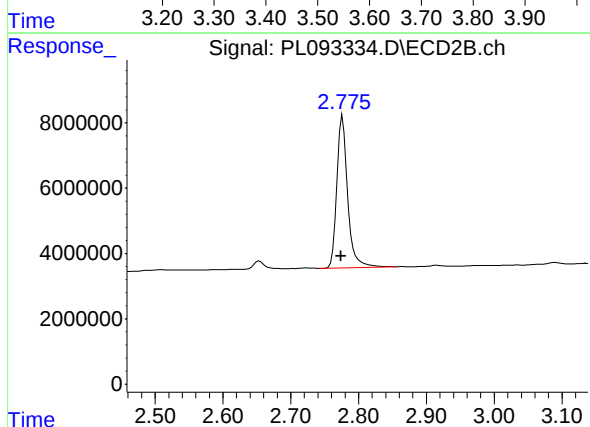
Instrument :

ECD_L

ClientSampleId :
PB165473BS

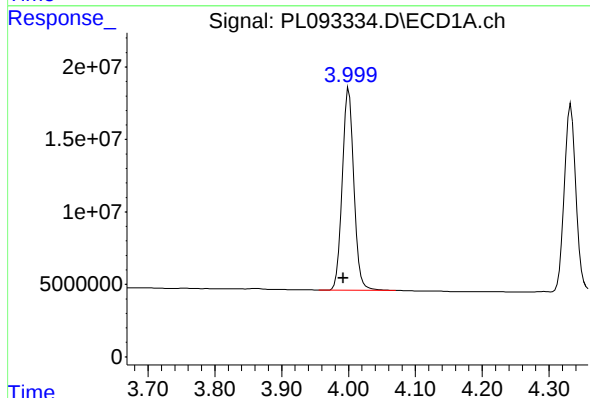
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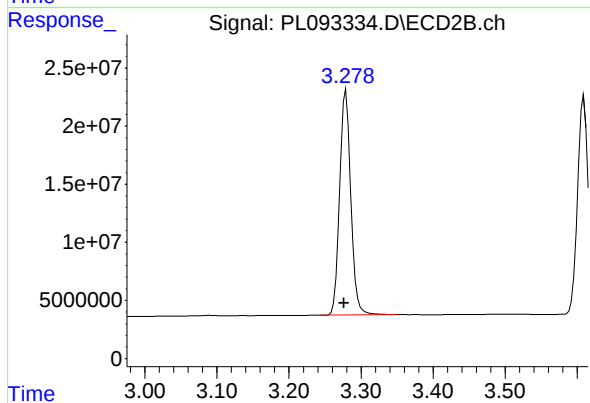
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.003 min
Response: 51985831
Conc: 18.03 ng/ml



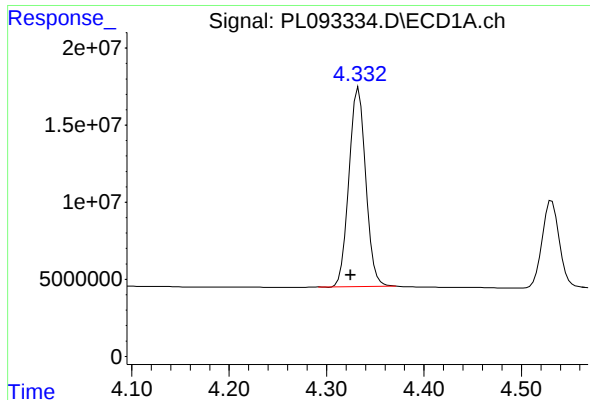
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.008 min
Response: 167070797
Conc: 46.82 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 206800710
Conc: 48.44 ng/ml



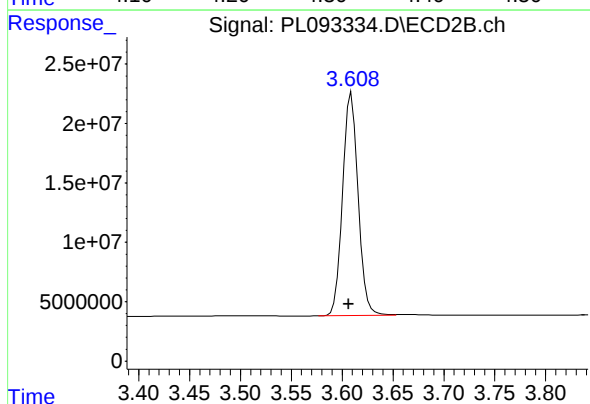
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 153796823
Conc: 45.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

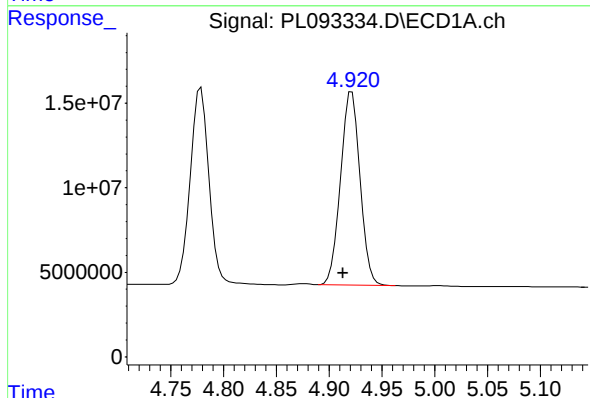
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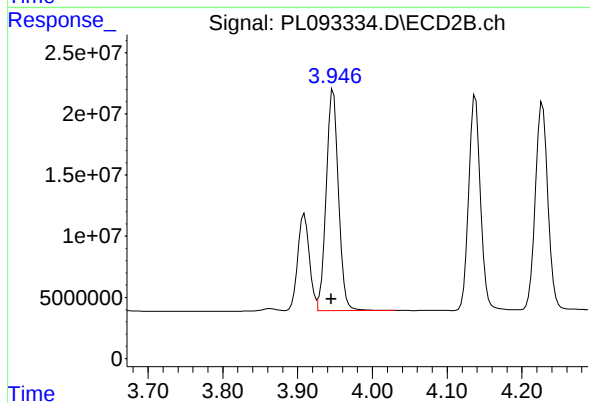
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 199340274
Conc: 48.15 ng/ml



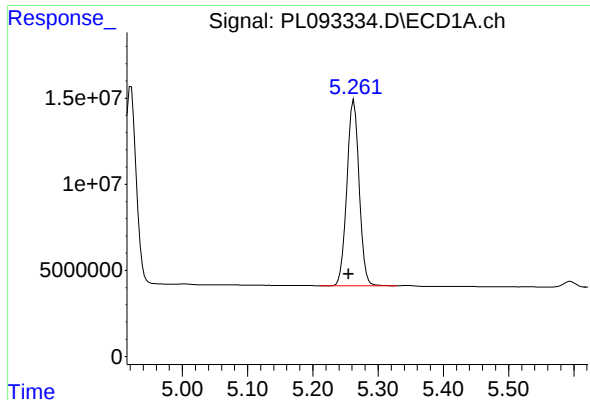
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.008 min
Response: 146966349
Conc: 48.09 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.002 min
Response: 206803791
Conc: 51.12 ng/ml



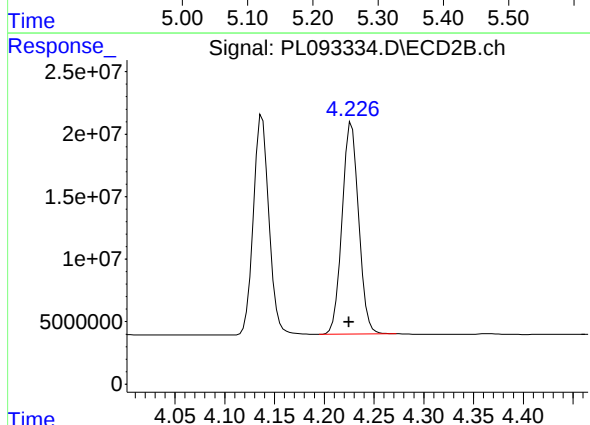
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.008 min
Response: 141149864
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

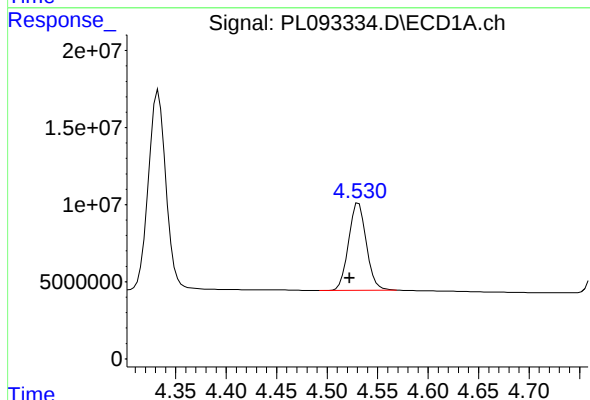
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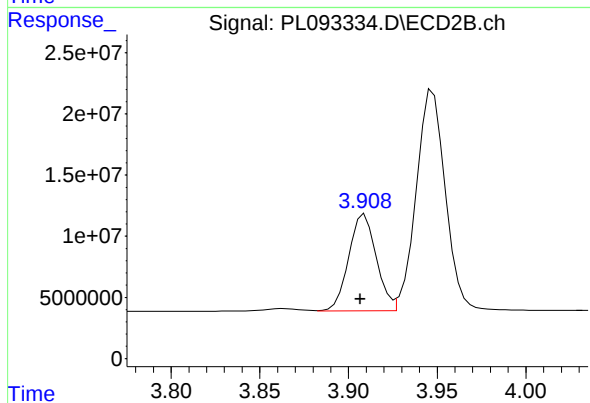
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.003 min
Response: 196632990
Conc: 49.42 ng/ml



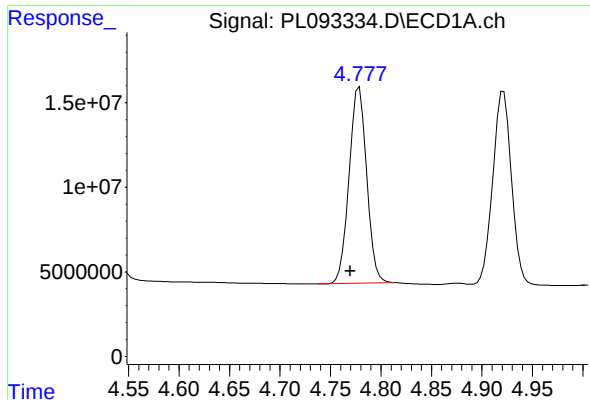
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.009 min
Response: 69280432
Conc: 45.89 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 85876621
Conc: 48.28 ng/ml



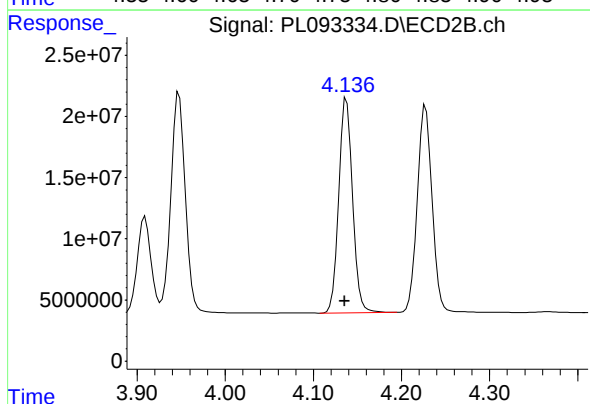
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.009 min
Response: 141236921
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

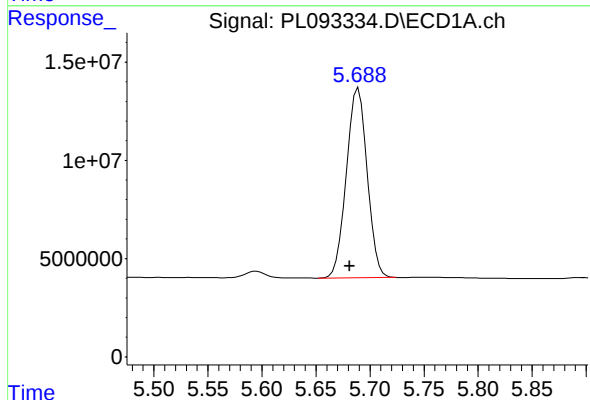
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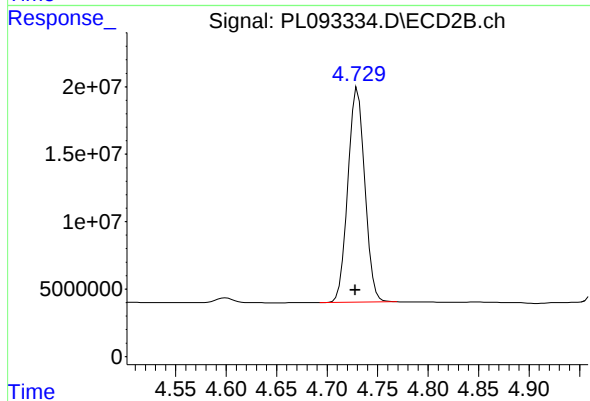
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.002 min
Response: 191454429
Conc: 44.87 ng/ml



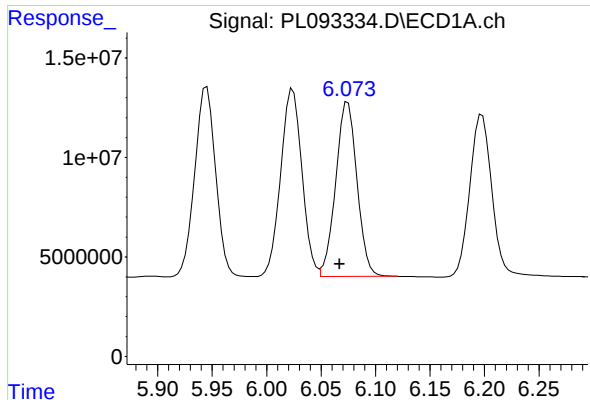
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.007 min
Response: 129441927
Conc: 46.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.002 min
Response: 185726819
Conc: 50.99 ng/ml



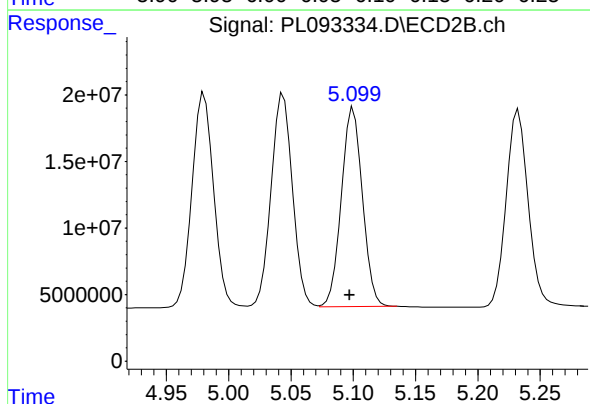
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.008 min
Response: 118885679
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

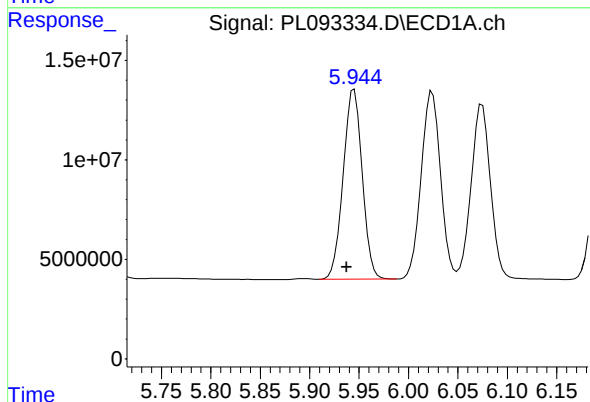
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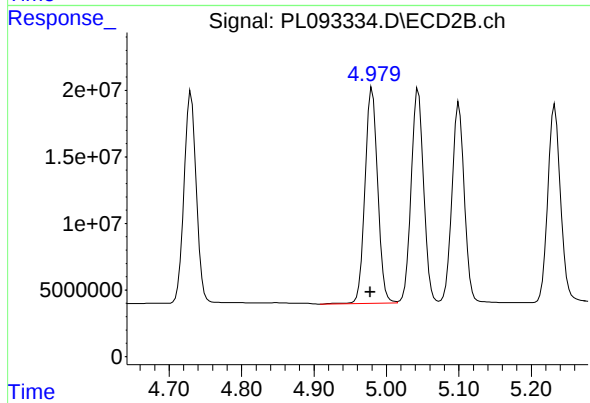
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: 0.003 min
Response: 175917538
Conc: 52.62 ng/ml



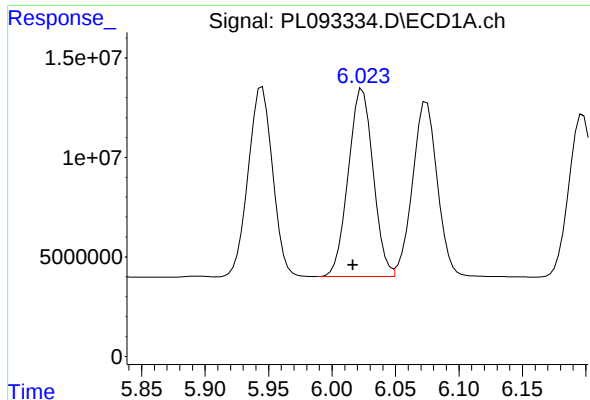
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.007 min
Response: 127580439
Conc: 49.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.003 min
Response: 196755116
Conc: 53.10 ng/ml



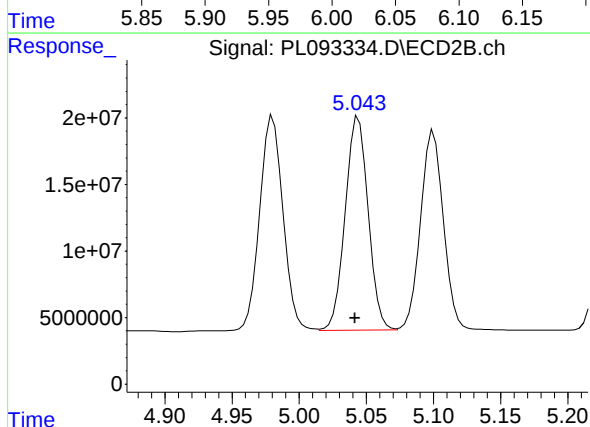
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.008 min
Response: 128669172
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

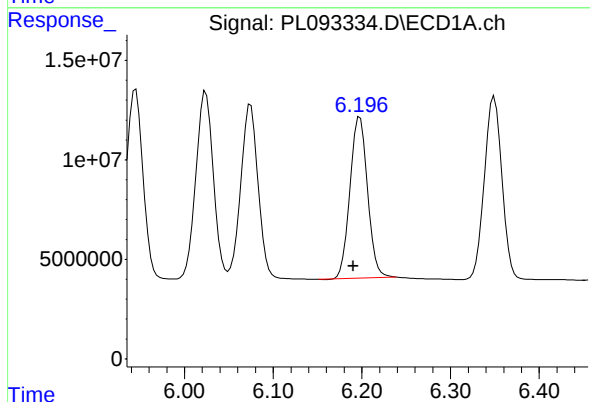
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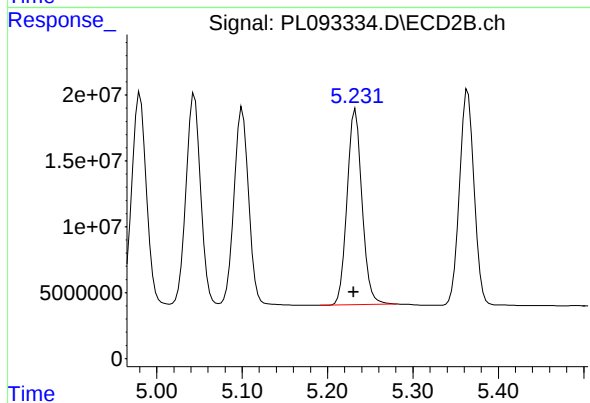
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.003 min
Response: 191915976
Conc: 52.87 ng/ml



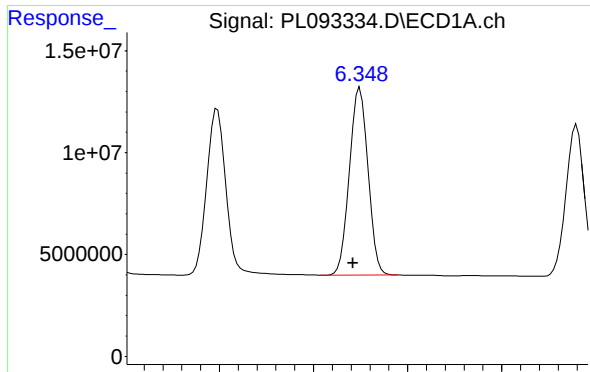
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.008 min
Response: 111952077
Conc: 47.86 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 180975174
Conc: 50.55 ng/ml



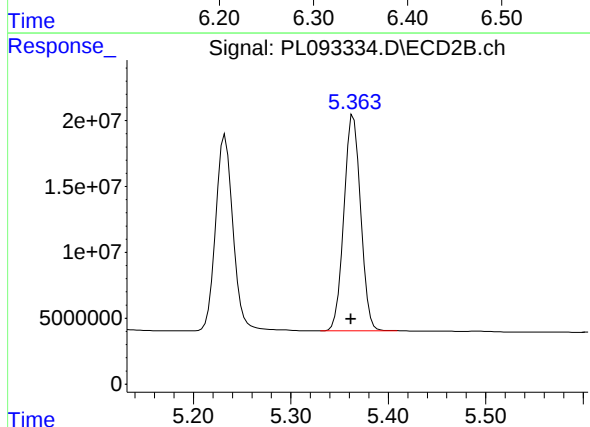
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.007 min
Response: 126461599
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

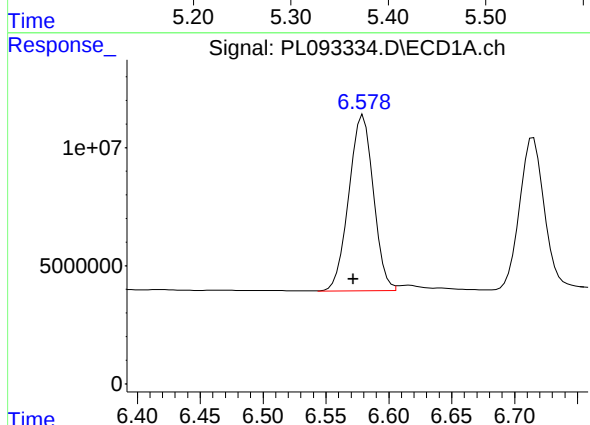
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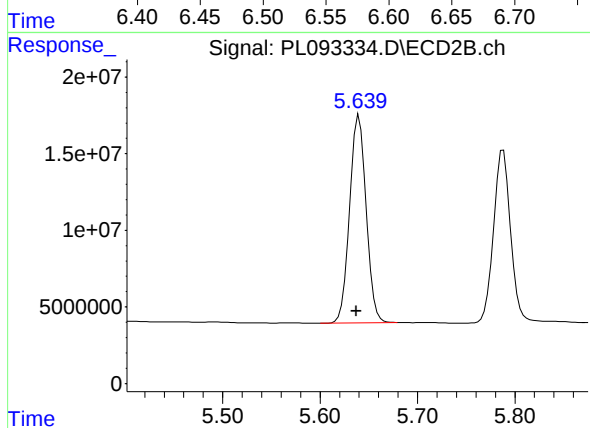
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.002 min
Response: 195211763
Conc: 52.97 ng/ml



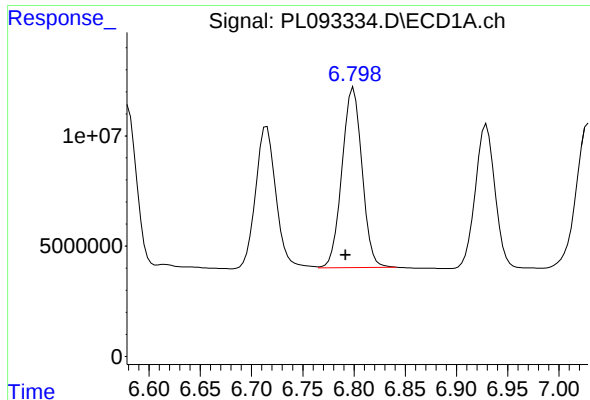
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.006 min
Response: 101368159
Conc: 48.33 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.003 min
Response: 159613990
Conc: 50.05 ng/ml



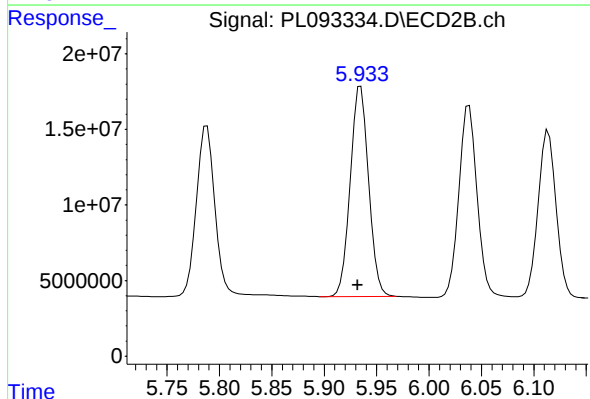
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 110427595
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

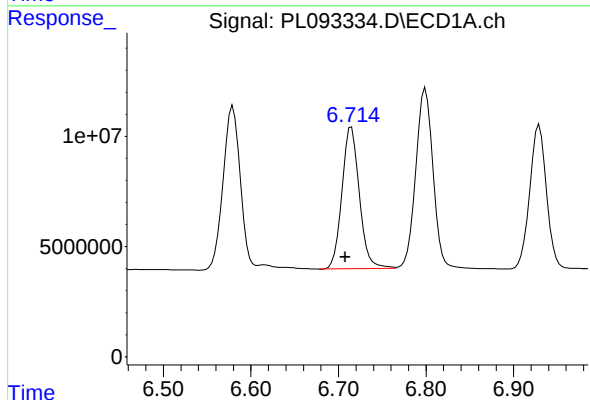
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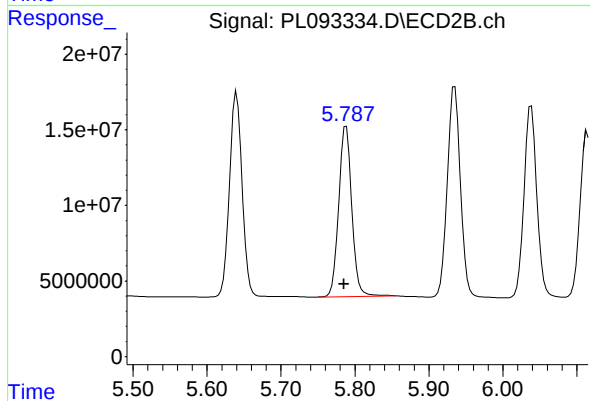
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 170621667
Conc: 53.84 ng/ml



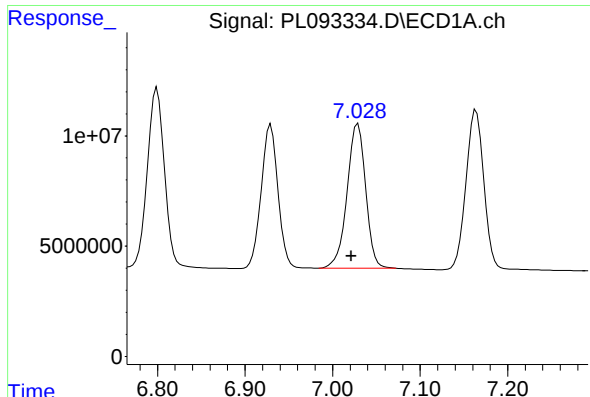
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: 0.007 min
Response: 88763912
Conc: 48.44 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 138205337
Conc: 49.30 ng/ml



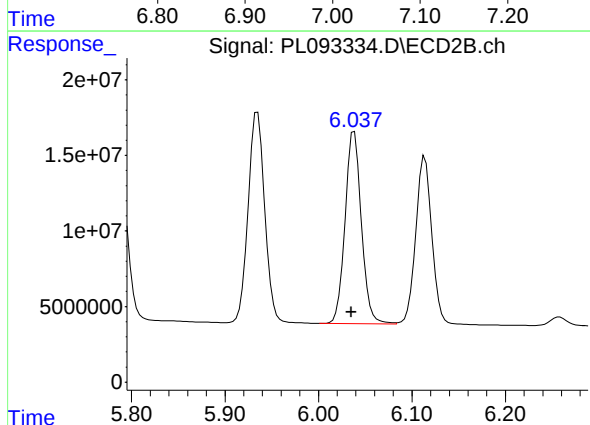
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.007 min
Response: 96401105
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

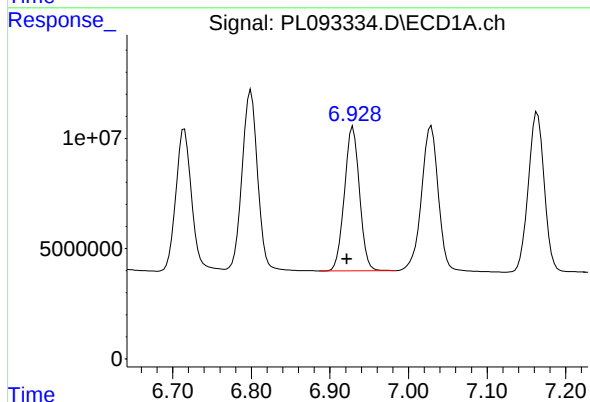
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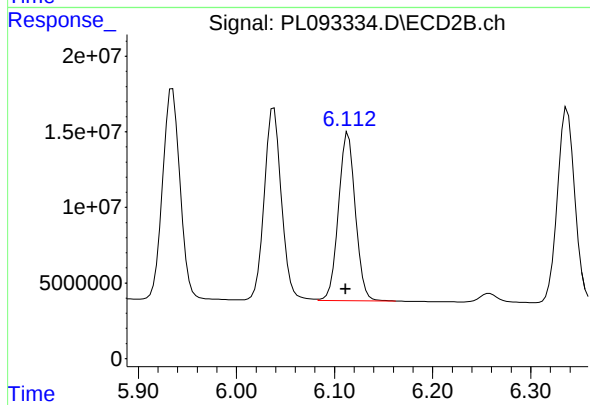
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.003 min
Response: 154084047
Conc: 52.02 ng/ml



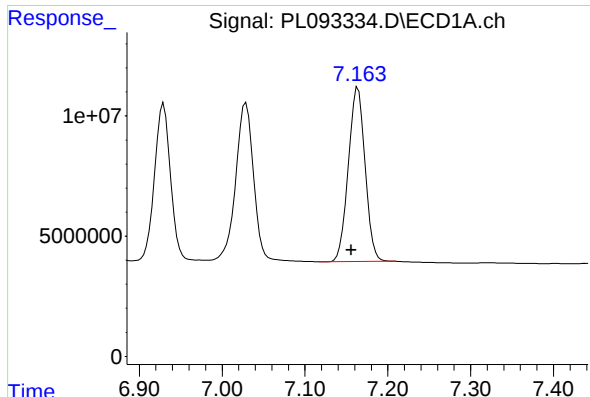
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.008 min
Response: 87177967
Conc: 48.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.003 min
Response: 132967806
Conc: 50.71 ng/ml



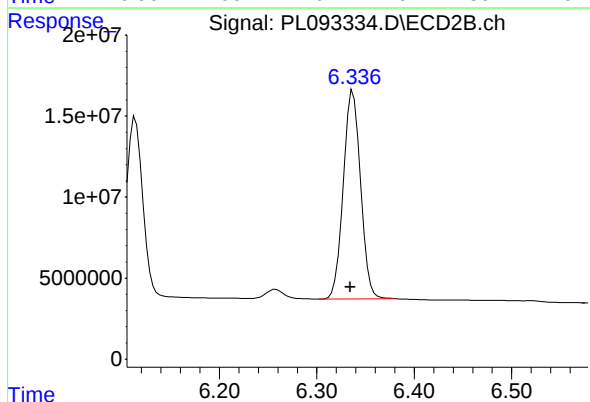
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.008 min
Response: 101842440
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

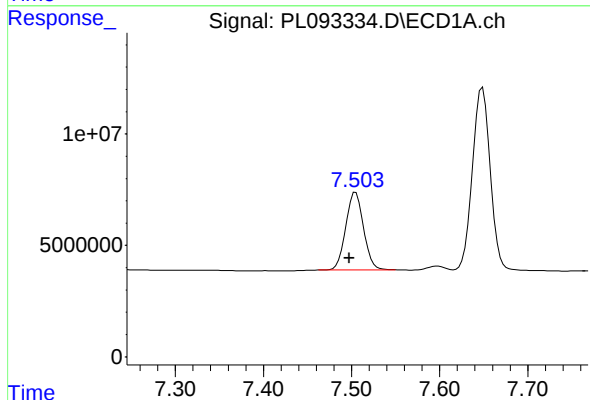
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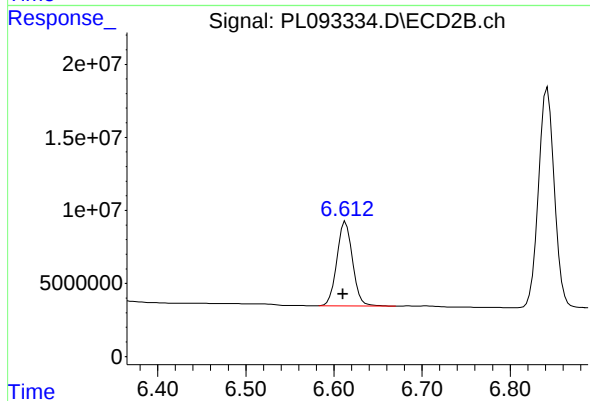
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: 0.003 min
Response: 158370054
Conc: 52.10 ng/ml



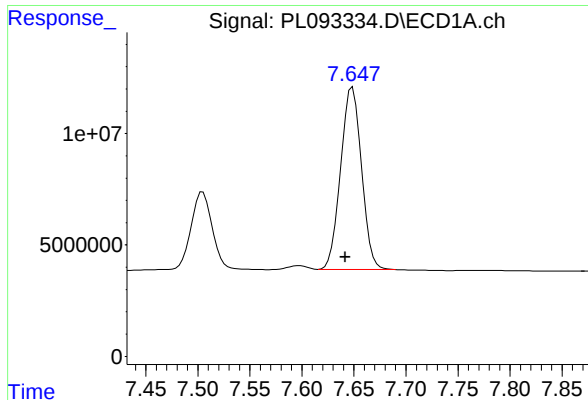
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.007 min
Response: 48864454
Conc: 46.77 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 71295165
Conc: 46.69 ng/ml



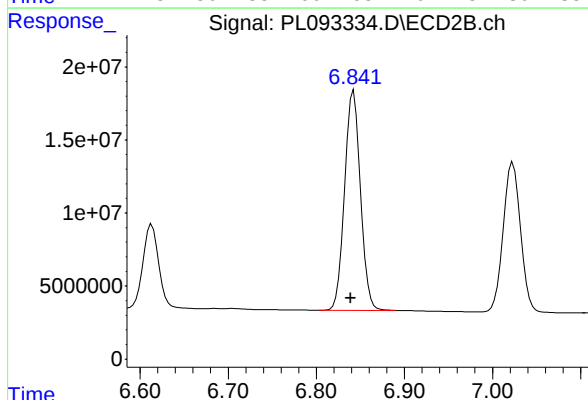
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 114324973
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

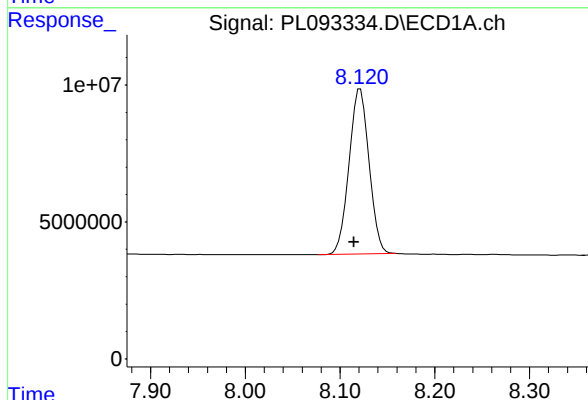
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APPROVED

Reviewed By :Abdul Mirza 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



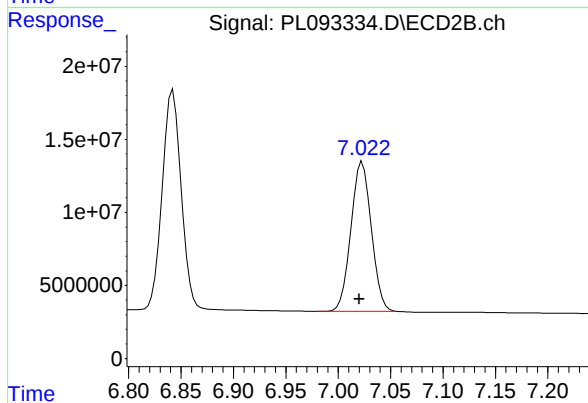
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.003 min
Response: 188130612
Conc: 56.04 ng/ml



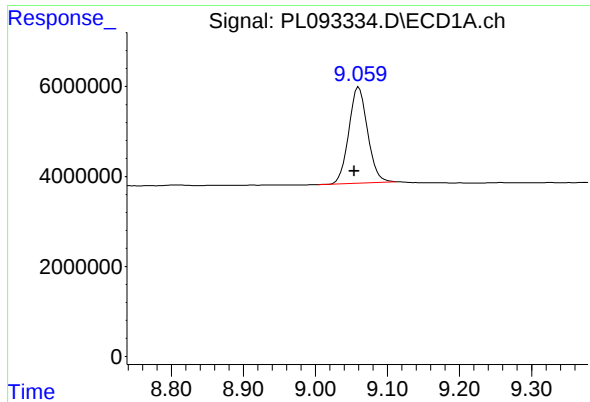
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.007 min
Response: 88728977
Conc: 49.12 ng/ml



#22 Mirex

R.T.: 7.023 min
Delta R.T.: 0.003 min
Response: 139120725
Conc: 51.78 ng/ml



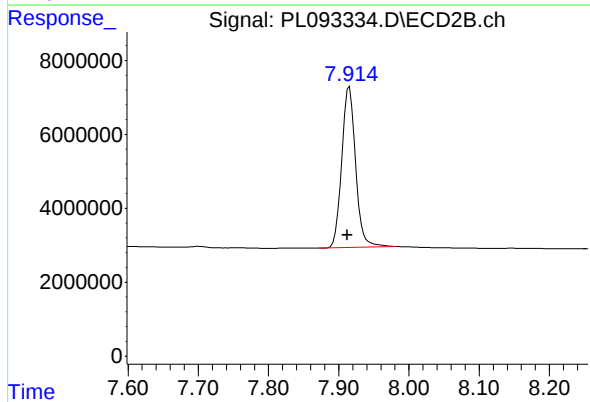
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.006 min
Response: 38719722
Conc: 22.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165473BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.003 min
Response: 59500860
Conc: 20.83 ng/ml