

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
 Data File : PL093332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2024 13:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 00:22:59 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...	3.547	2.777	133.0E6	152.3E6	51.167	52.794
28) SA Decachlor...	9.064	7.916	95771351	155.5E6	55.087m	54.446m
Target Compounds						
2) A alpha-BHC	4.003	3.280	182.5E6	227.4E6	51.155	53.269
3) MA gamma-BHC...	4.336	3.610	169.8E6	220.4E6	50.264	53.240
4) MA Heptachlor	4.924	3.949	153.0E6	214.7E6	50.052	53.078
5) MB Aldrin	5.265	4.228	154.3E6	217.3E6	51.325	54.619
6) B beta-BHC	4.534	3.910	73769650	91256727	48.863	51.300
7) B delta-BHC	4.780	4.139	160.7E6	217.8E6	48.560	51.055
8) B Heptachlo...	5.692	4.730	135.1E6	194.9E6	48.667	53.504m
9) A Endosulfan I	6.078	5.101	121.9E6	181.1E6	50.089	54.176
10) B gamma-Chl...	5.947	4.981	133.1E6	202.5E6	51.660	54.645
11) B alpha-Chl...	6.027	5.045	132.1E6	199.6E6	51.000	54.991
12) B 4,4'-DDE	6.200	5.233	116.9E6	188.4E6	49.960	52.637m
13) MA Dieldrin	6.353	5.366	131.2E6	207.4E6	51.171	56.269
14) MA Endrin	6.582	5.641	104.3E6	169.6E6	49.744	53.193
15) B Endosulfa...	6.802	5.937	116.5E6	173.4E6	53.418	54.722
16) A 4,4'-DDD	6.717	5.790	93205623	125.0E6	50.868m	44.590
17) MA 4,4'-DDT	7.032	6.040	95879052	152.9E6	49.734	51.635
18) B Endrin al...	6.933	6.115	91102505	138.4E6	50.427	52.766
19) B Endosulfa...	7.167	6.339	104.6E6	162.2E6	50.482	53.357
20) A Methoxychlor	7.508	6.615	52034763	72667484	49.800	47.590
21) B Endrin ke...	7.652	6.845	117.7E6	190.8E6	51.869	56.827
22) Mirex	8.125	7.024	97190173	151.1E6	53.808	56.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
Data File : PL093332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2024 13:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

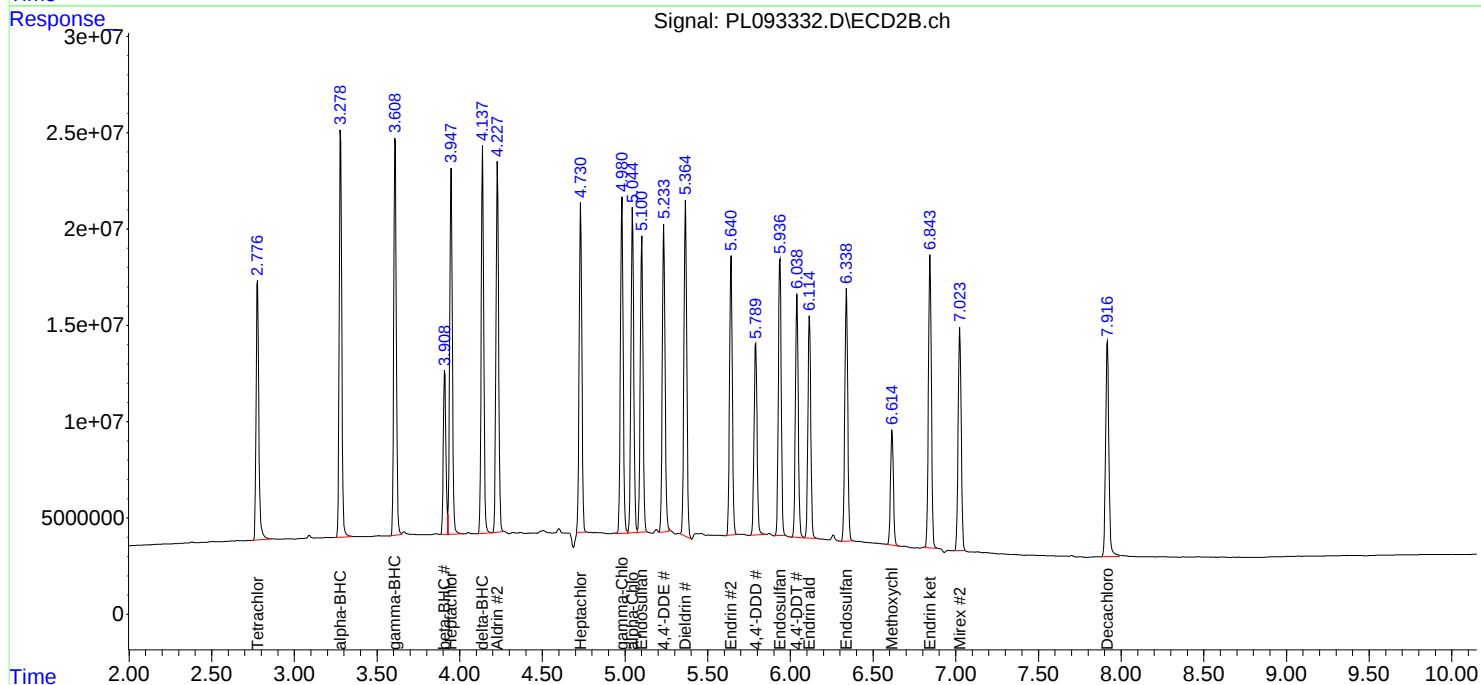
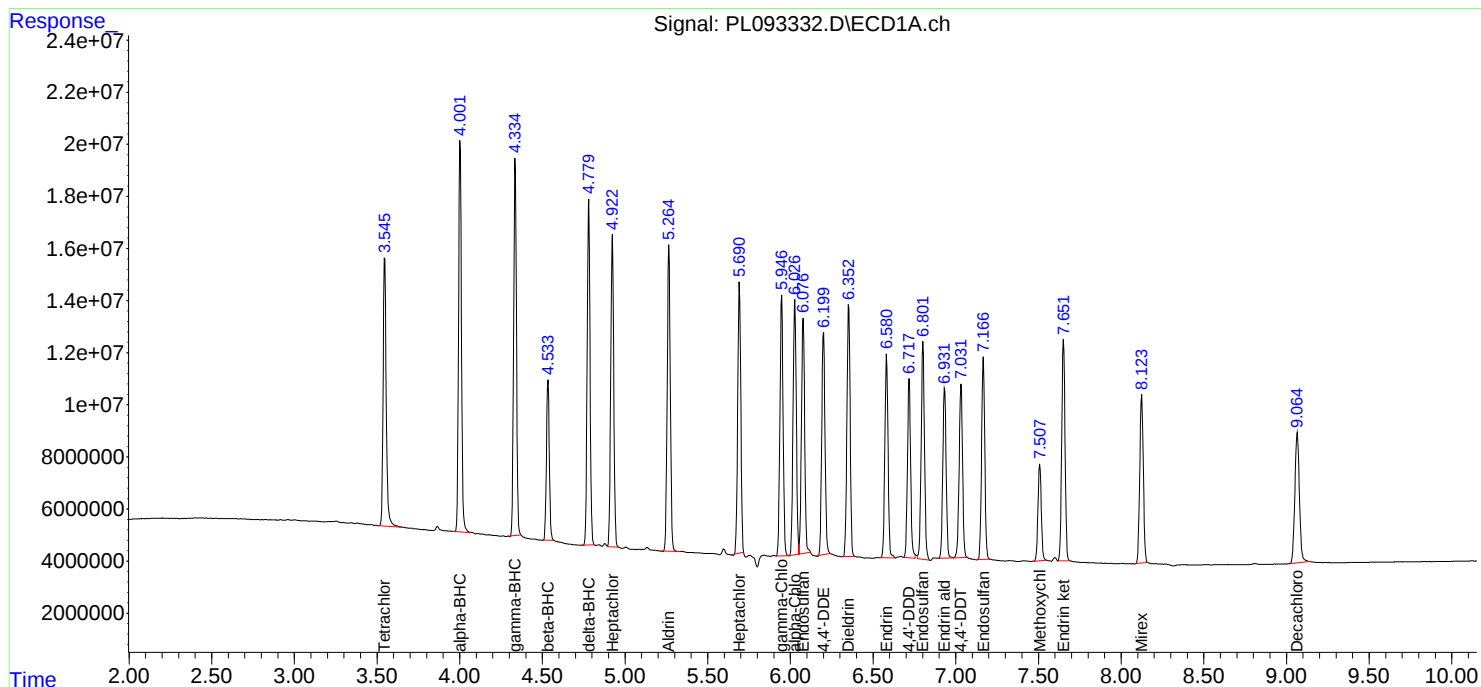
APPROVED

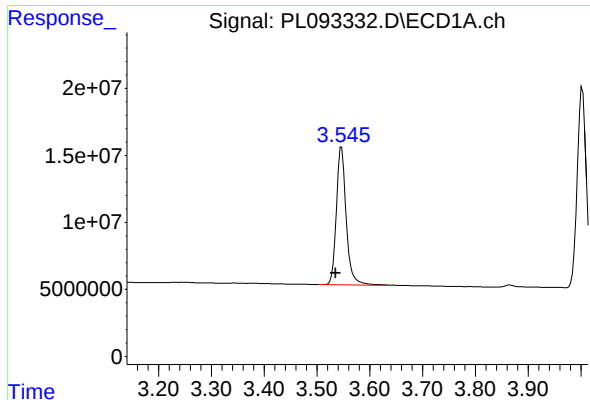
Reviewed By :Abdul Mirza 12/10/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:22:59 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.: 3.547 min
Delta R.T.: 0.011 min
Response: 132980610
Conc: 51.17 ng/ml

Instrument :

ECD_L

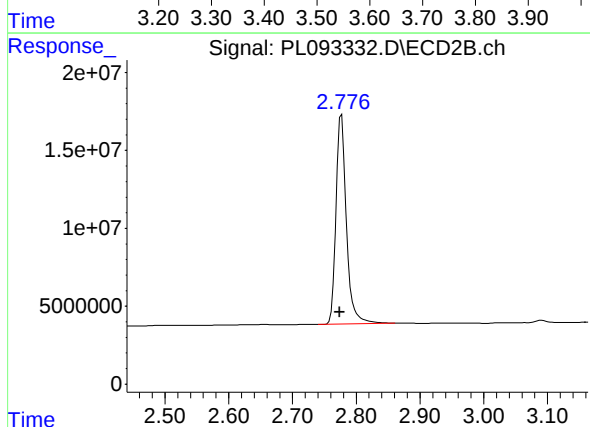
ClientSampleId :

PSTDCCC050

Manual Integrations

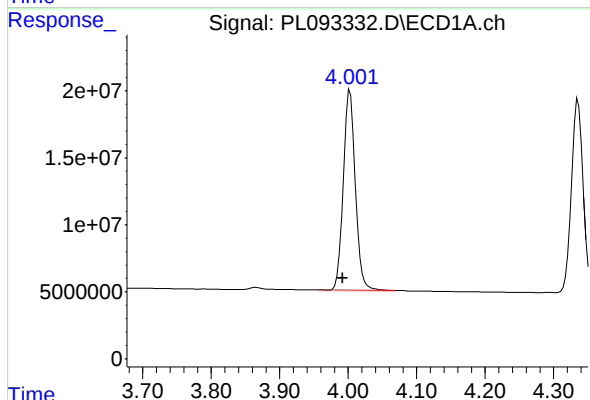
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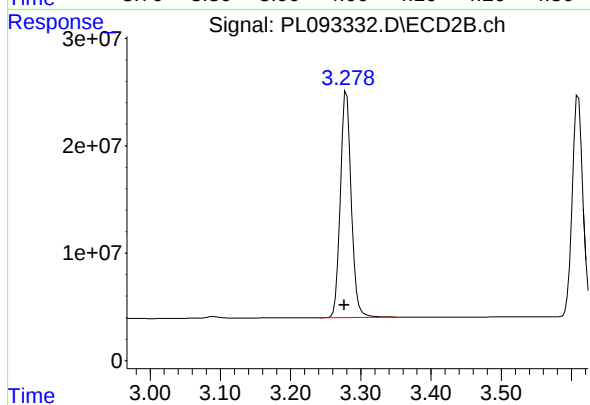
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.003 min
Response: 152258347
Conc: 52.79 ng/ml



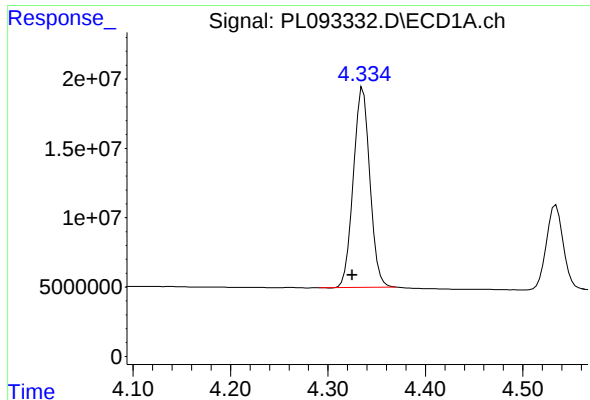
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.011 min
Response: 182544190
Conc: 51.16 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.003 min
Response: 227426180
Conc: 53.27 ng/ml



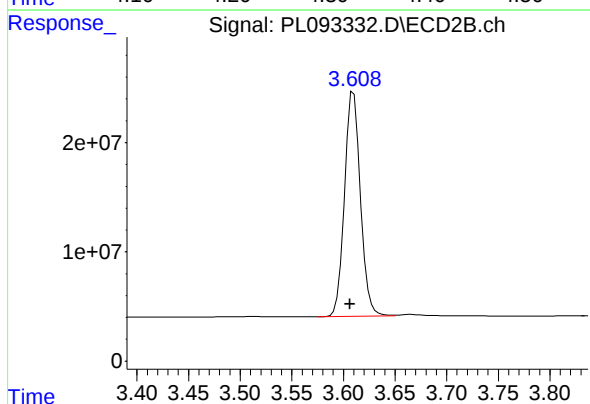
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.011 min
Response: 169823665
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

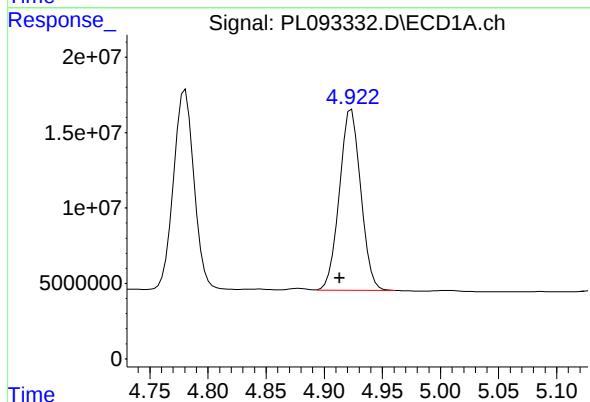
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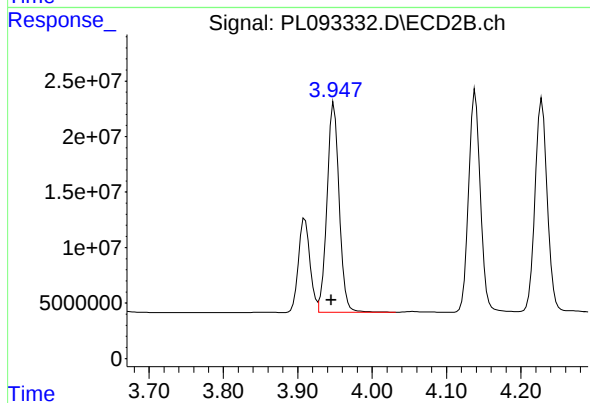
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.003 min
Response: 220399225
Conc: 53.24 ng/ml



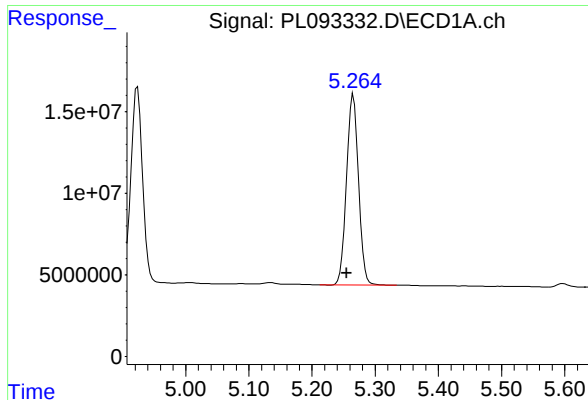
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.010 min
Response: 152963937
Conc: 50.05 ng/ml



#4 Heptachlor

R.T.: 3.949 min
Delta R.T.: 0.003 min
Response: 214727071
Conc: 53.08 ng/ml



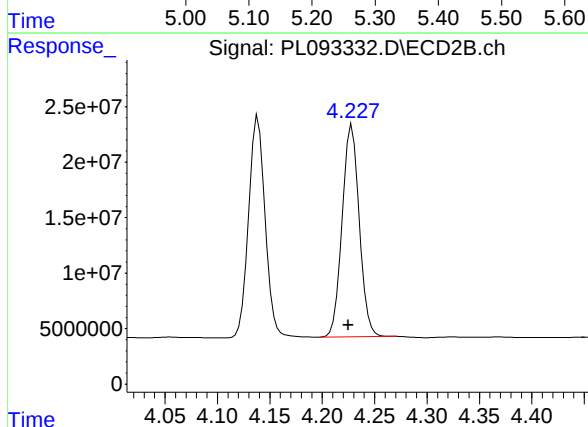
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.010 min
Response: 154342463
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

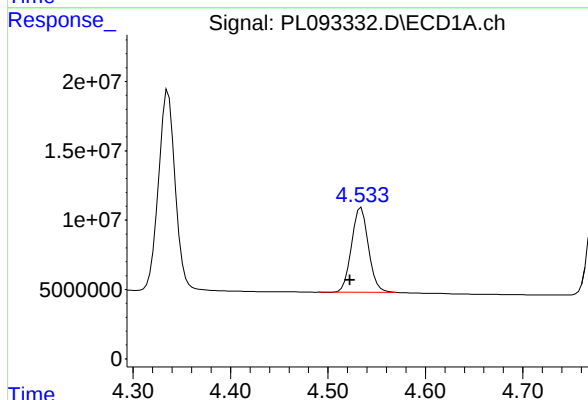
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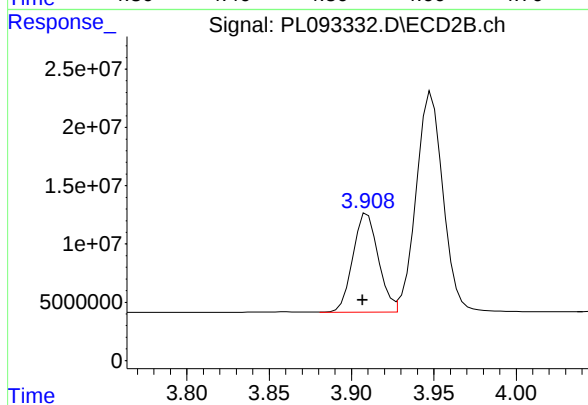
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.004 min
Response: 217319181
Conc: 54.62 ng/ml



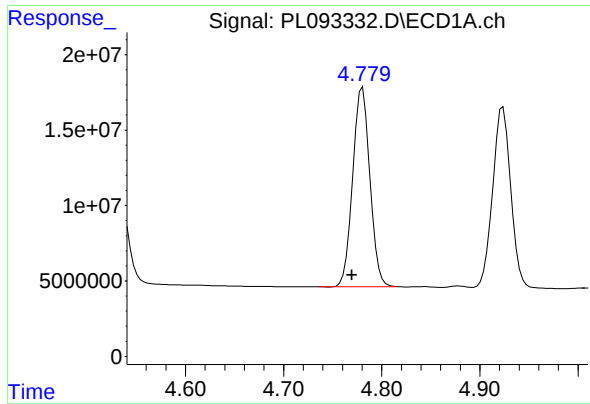
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.011 min
Response: 73769650
Conc: 48.86 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.003 min
Response: 91256727
Conc: 51.30 ng/ml



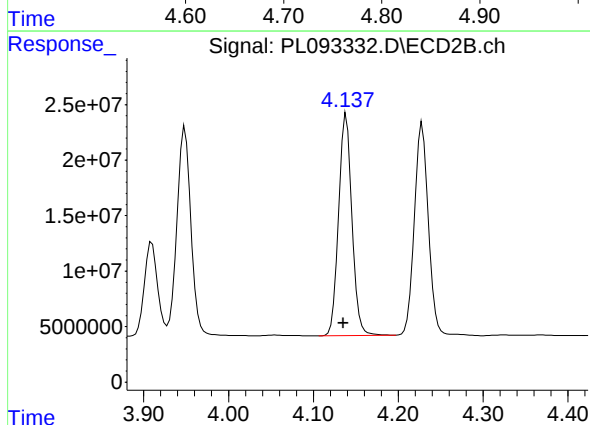
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.011 min
Response: 160667706
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

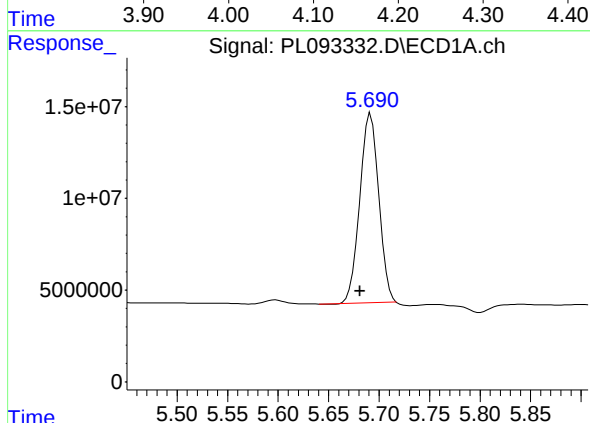
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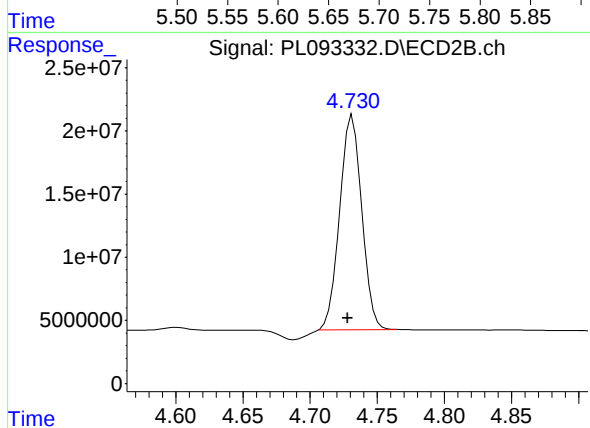
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: 0.003 min
Response: 217824880
Conc: 51.05 ng/ml



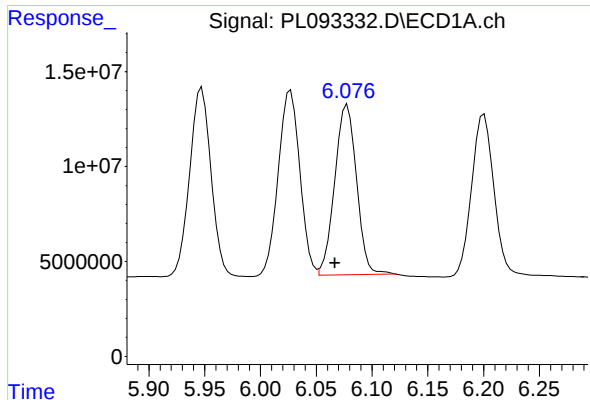
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.010 min
Response: 135131956
Conc: 48.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.002 min
Response: 194872790
Conc: 53.50 ng/ml m



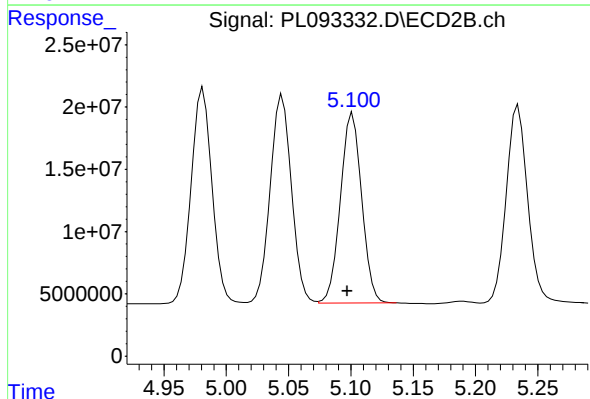
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.011 min
Response: 121925589
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

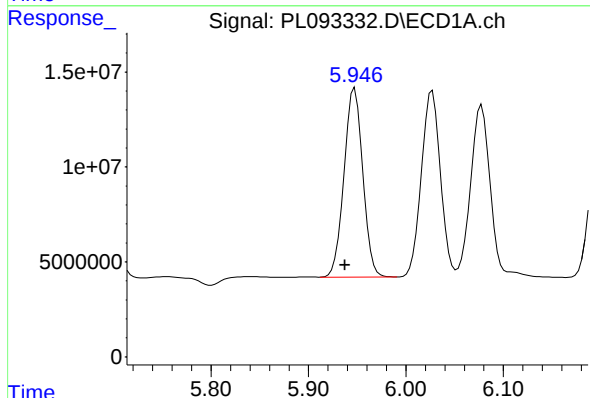
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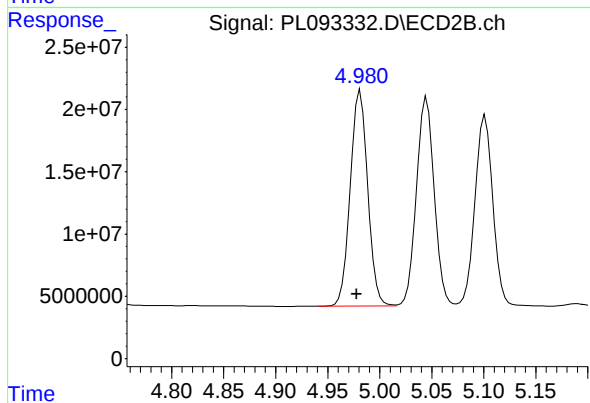
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.004 min
Response: 181108126
Conc: 54.18 ng/ml



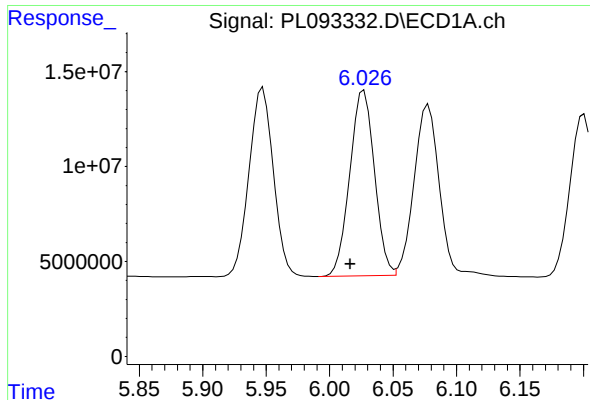
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.010 min
Response: 133092918
Conc: 51.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.981 min
Delta R.T.: 0.004 min
Response: 202467535
Conc: 54.65 ng/ml



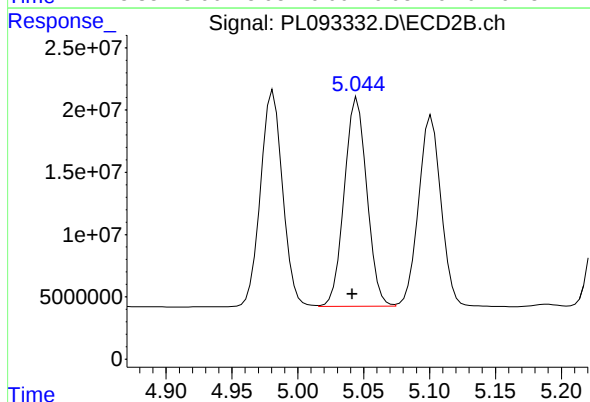
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.011 min
Response: 132144096
Conc: 51.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

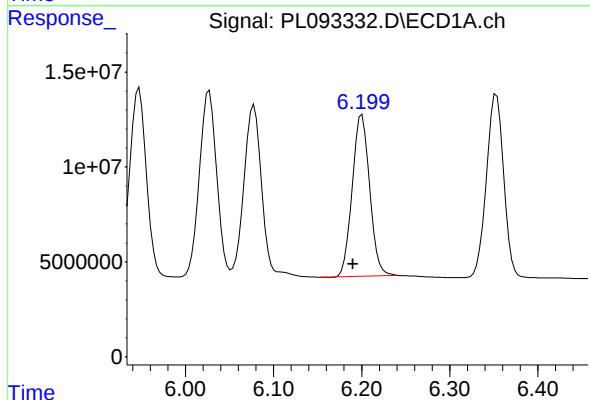
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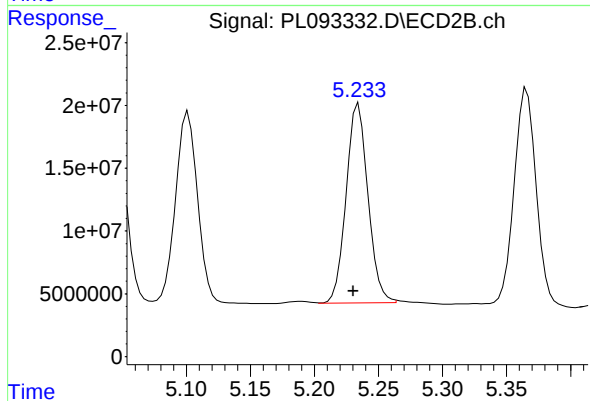
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.004 min
Response: 199633418
Conc: 54.99 ng/ml



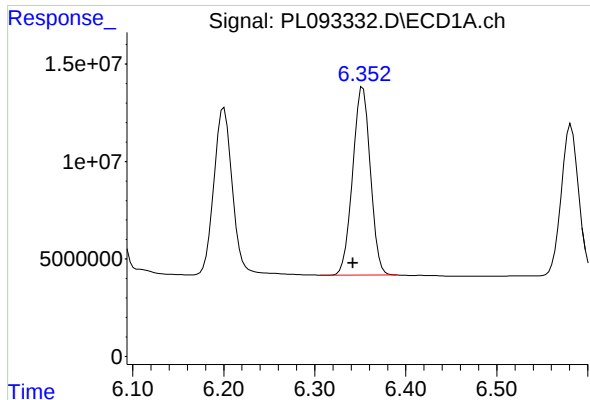
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.010 min
Response: 116872157
Conc: 49.96 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.003 min
Response: 188440575
Conc: 52.64 ng/ml m



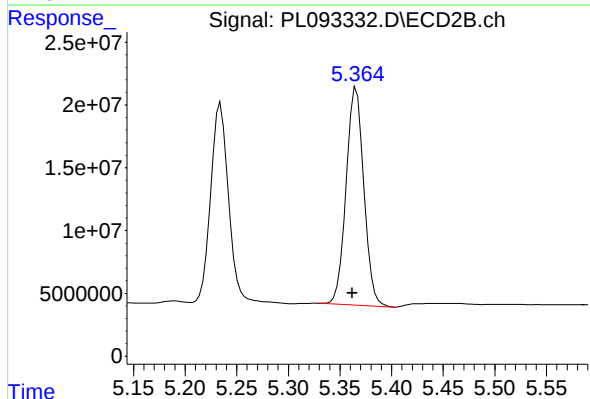
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.011 min
Response: 131160216
Conc: 51.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

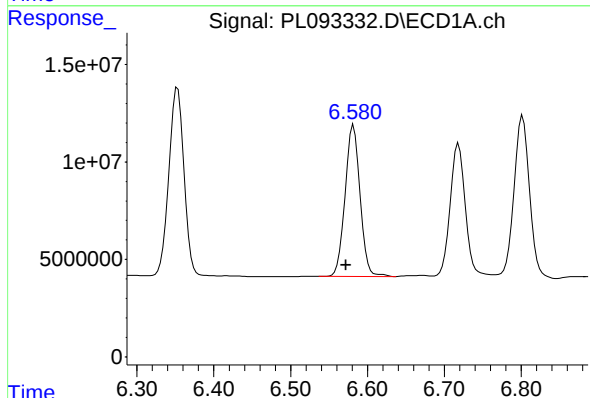
Manual Integrations
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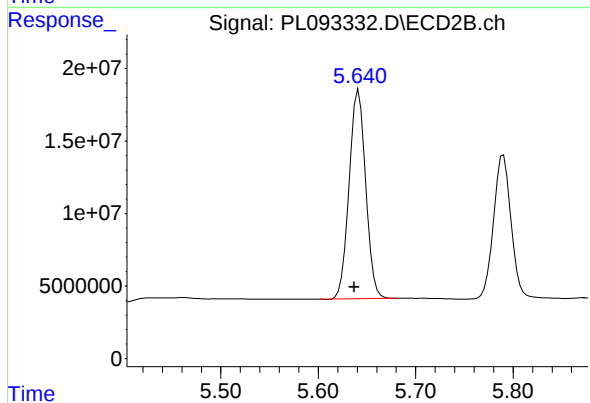
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.004 min
Response: 207380966
Conc: 56.27 ng/ml



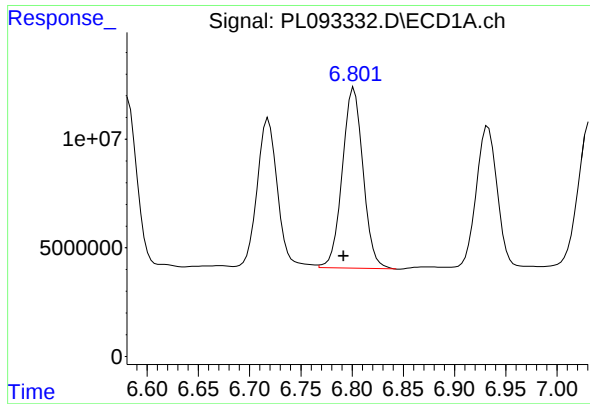
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.010 min
Response: 104336091
Conc: 49.74 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 169647230
Conc: 53.19 ng/ml



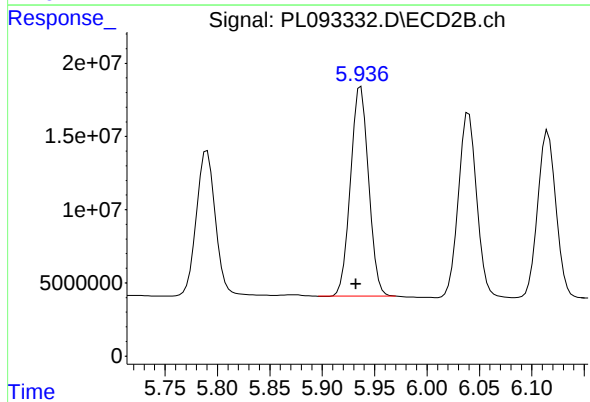
#15 Endosulfan II

R.T.: 6.802 min
Delta R.T.: 0.010 min
Response: 116477522
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

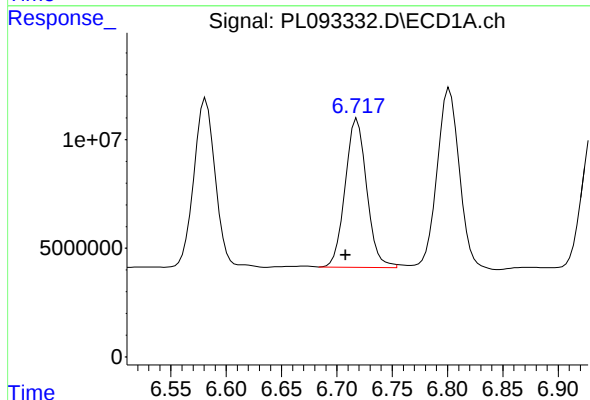
Manual Integrations
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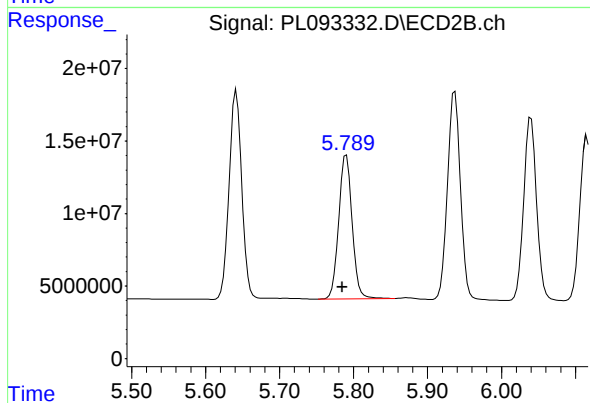
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.005 min
Response: 173414395
Conc: 54.72 ng/ml



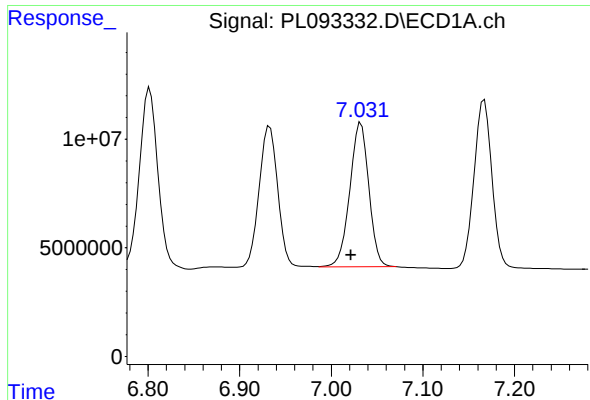
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.009 min
Response: 93205623
Conc: 50.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.005 min
Response: 125003986
Conc: 44.59 ng/ml



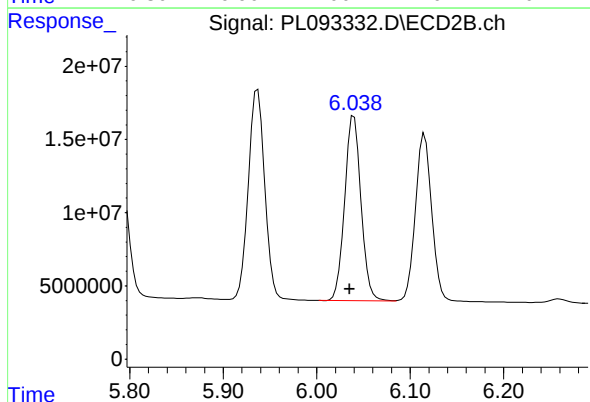
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.011 min
Response: 95879052
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

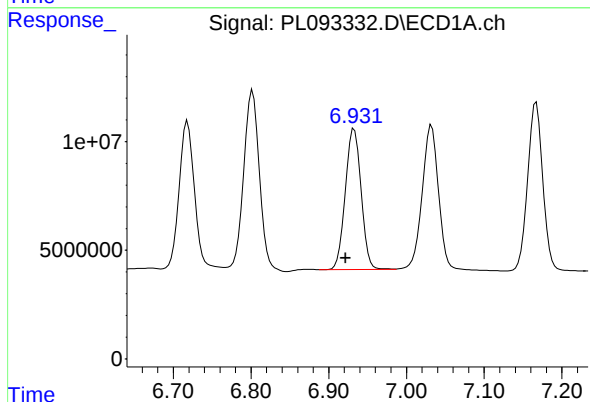
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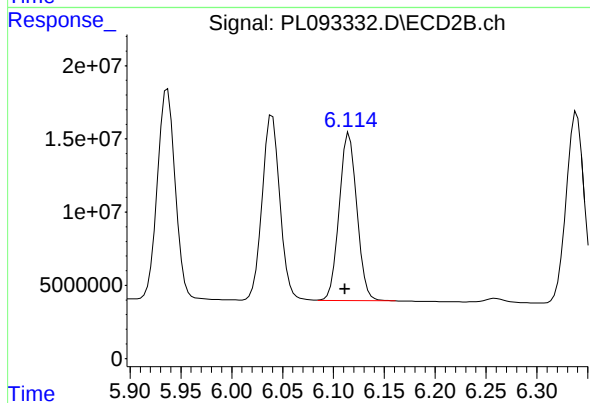
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 152930210
Conc: 51.63 ng/ml



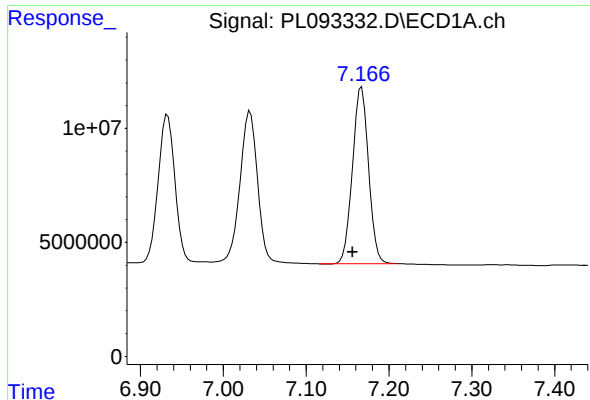
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.011 min
Response: 91102505
Conc: 50.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.004 min
Response: 138370498
Conc: 52.77 ng/ml



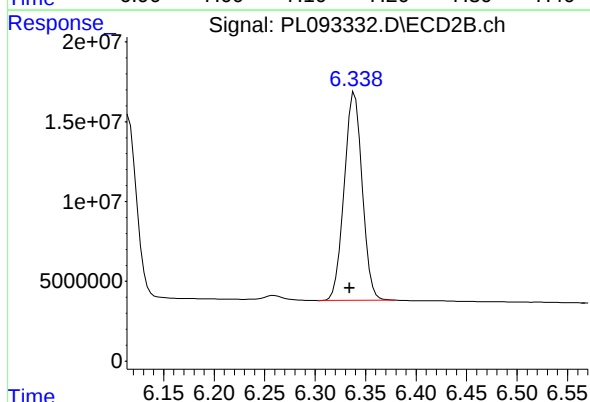
#19 Endosulfan Sulfate

R.T.: 7.167 min
Delta R.T.: 0.011 min
Response: 104631984
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

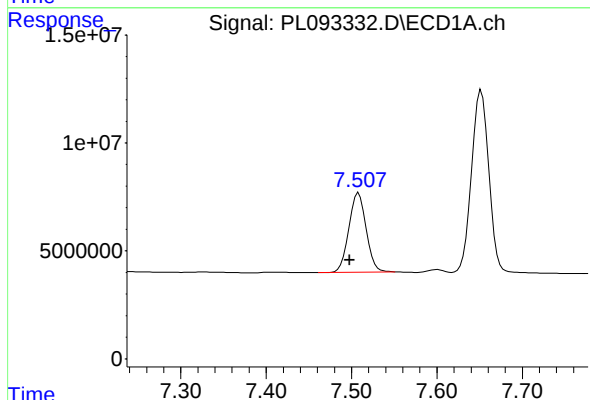
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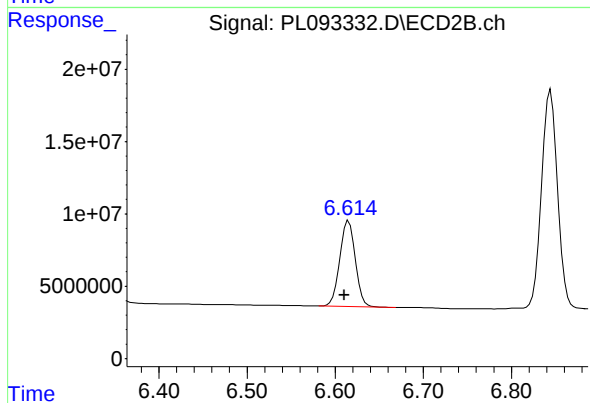
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.005 min
Response: 162185887
Conc: 53.36 ng/ml



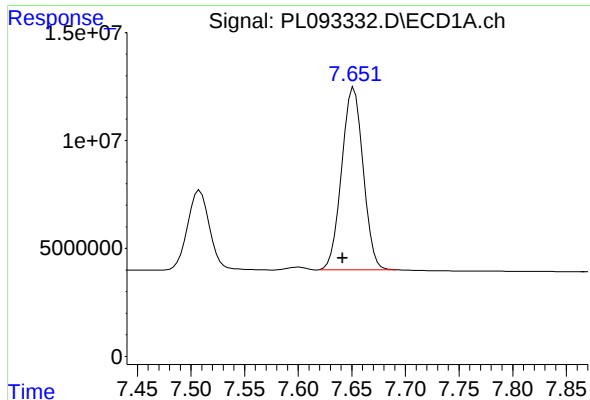
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.010 min
Response: 52034763
Conc: 49.80 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.005 min
Response: 72667484
Conc: 47.59 ng/ml



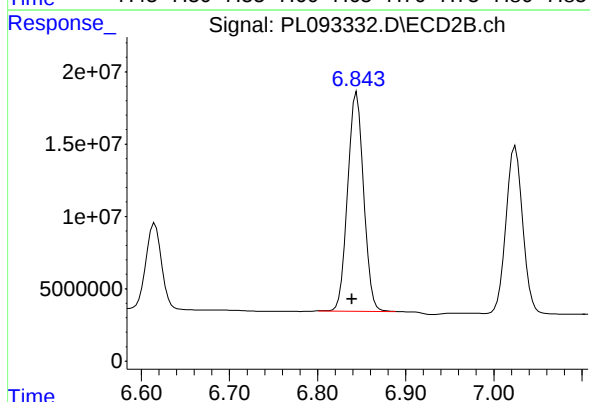
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.010 min
Response: 117704893
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

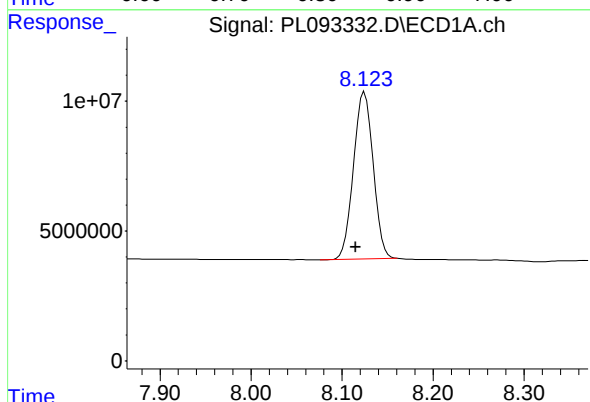
Manual Integrations
APPROVED

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



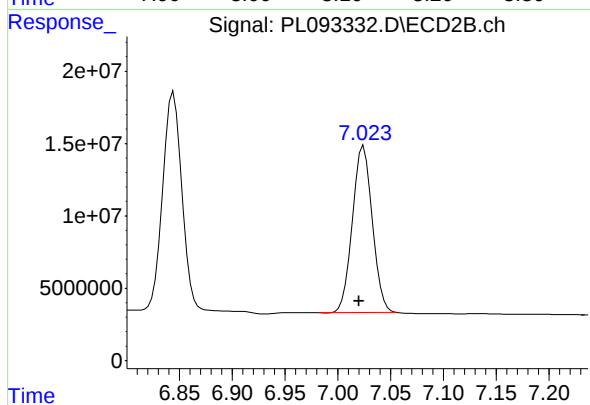
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.005 min
Response: 190768859
Conc: 56.83 ng/ml



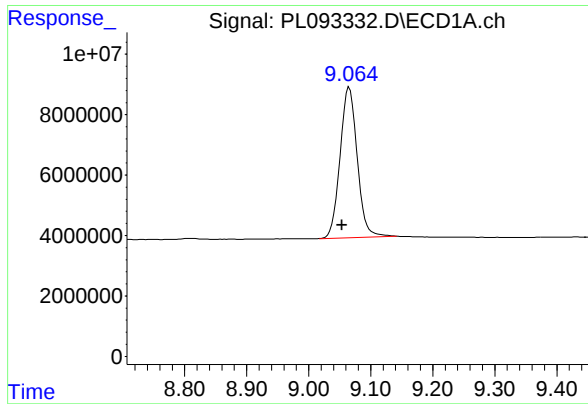
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.010 min
Response: 97190173
Conc: 53.81 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.004 min
Response: 151070814
Conc: 56.23 ng/ml



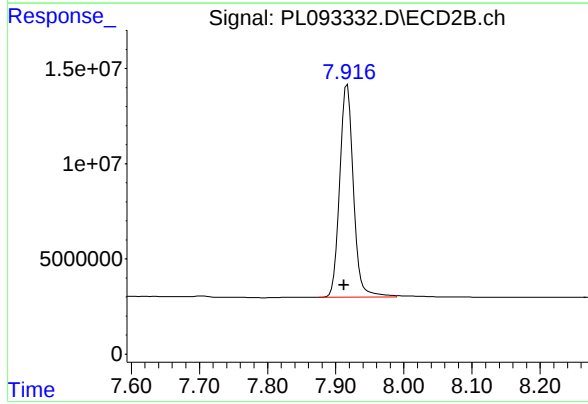
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.010 min
Response: 95771351
Conc: 55.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 12/10/2024



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.003 min
Response: 155522081
Conc: 54.45 ng/ml m