

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093029.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 13:43  
 Operator : AR\AJ  
 Sample : P4821-05MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BP-F-2MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:31:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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...          | 3.537 | 2.776 | 43528119 | 44784934 | 17.765m | 16.458  |
| 28) SA Decachlor...         | 9.052 | 7.913 | 31590377 | 44919142 | 16.414  | 16.458  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.994 | 3.278 | 168.4E6  | 213.2E6  | 49.654  | 53.419  |
| 3) MA gamma-BHC...          | 4.326 | 3.608 | 160.2E6  | 202.9E6  | 49.159  | 52.581  |
| 4) MA Heptachlor            | 4.915 | 3.947 | 153.4E6  | 212.2E6  | 51.084  | 56.239  |
| 5) MB Aldrin                | 5.256 | 4.227 | 144.0E6  | 201.0E6  | 47.972  | 54.901  |
| 6) B beta-BHC               | 4.524 | 3.908 | 74554958 | 91636200 | 51.579  | 55.664  |
| 7) B delta-BHC              | 4.771 | 4.137 | 127.1E6  | 172.9E6  | 40.614  | 44.992  |
| 8) B Heptachlo...           | 5.682 | 4.729 | 134.2E6  | 185.3E6  | 48.582  | 55.444  |
| 9) A Endosulfan I           | 6.067 | 5.099 | 124.2E6  | 173.3E6  | 49.673  | 56.777  |
| 10) B gamma-Chl...          | 5.938 | 4.978 | 130.9E6  | 192.7E6  | 49.201  | 57.323m |
| 11) B alpha-Chl...          | 6.017 | 5.043 | 133.0E6  | 193.0E6  | 50.223  | 58.040  |
| 12) B 4,4'-DDE              | 6.190 | 5.232 | 121.7E6  | 189.4E6  | 51.383  | 58.788  |
| 13) MA Dieldrin             | 6.343 | 5.363 | 130.8E6  | 189.0E6  | 49.639  | 56.569  |
| 14) MA Endrin               | 6.572 | 5.638 | 110.4E6  | 173.0E6  | 48.492  | 59.810  |
| 15) B Endosulfa...          | 6.792 | 5.933 | 116.6E6  | 164.7E6  | 48.902  | 58.134  |
| 16) A 4,4'-DDD              | 6.706 | 5.786 | 101.4E6  | 145.6E6  | 52.825m | 58.465  |
| 17) MA 4,4'-DDT             | 7.022 | 6.035 | 107.4E6  | 157.5E6  | 51.884  | 58.718m |
| 18) B Endrin al...          | 6.922 | 6.112 | 91199080 | 126.2E6  | 48.562  | 54.688  |
| 19) B Endosulfa...          | 7.156 | 6.335 | 104.2E6  | 148.8E6  | 47.989  | 55.184  |
| 20) A Methoxychlor          | 7.498 | 6.611 | 58060724 | 81517016 | 50.931  | 57.084  |
| 21) B Endrin ke...          | 7.641 | 6.838 | 120.1E6  | 170.5E6  | 49.580  | 55.571m |
| 22) Mirex                   | 8.114 | 7.021 | 88983573 | 130.1E6  | 44.903  | 49.878  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093029.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 13:43  
Operator : AR\AJ  
Sample : P4821-05MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

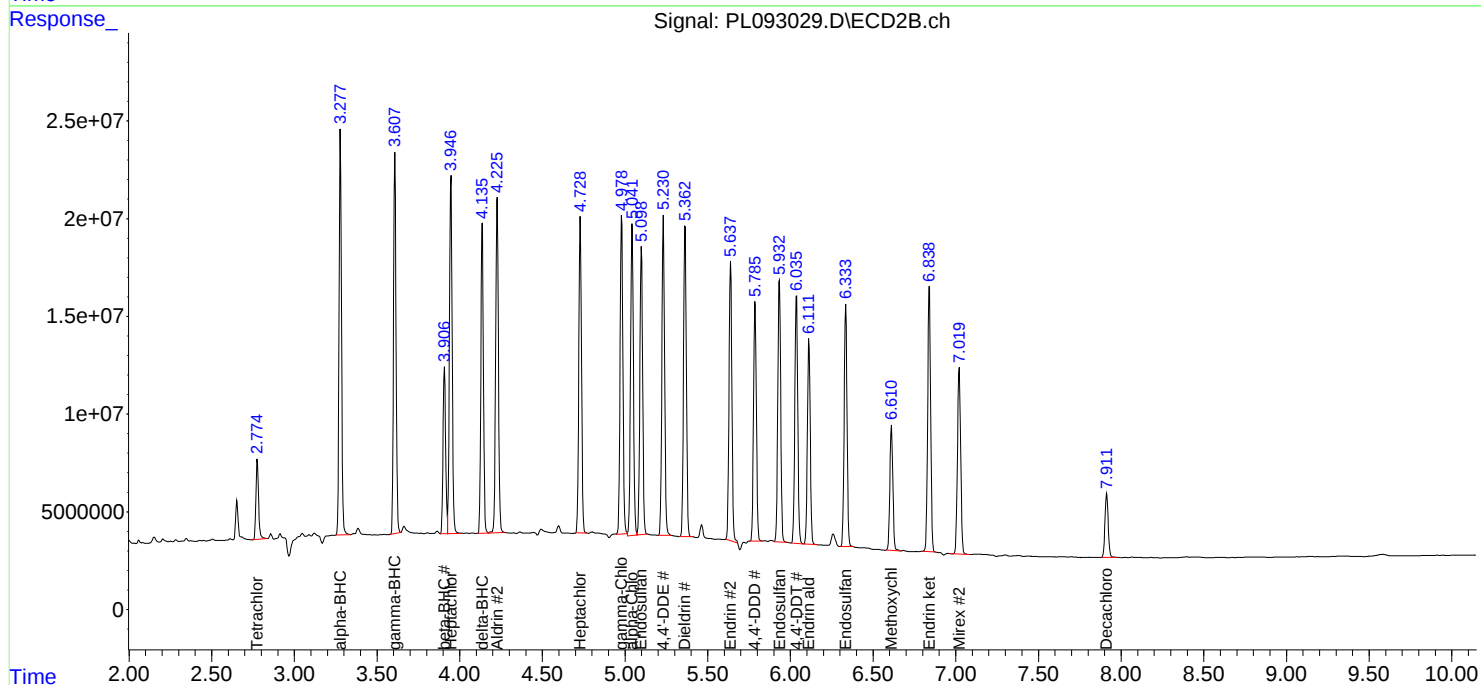
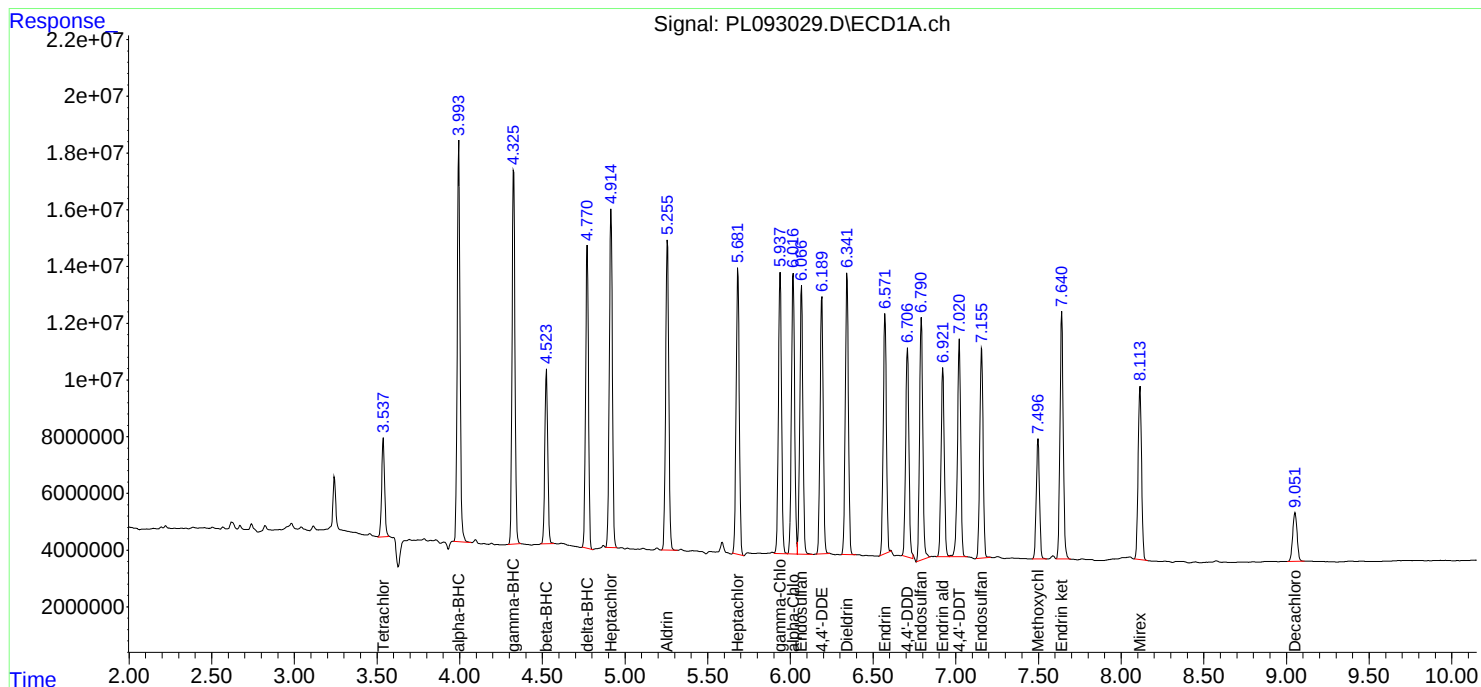
Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

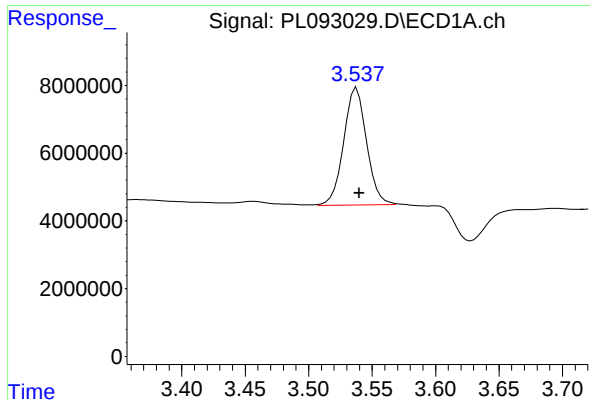
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:31:25 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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





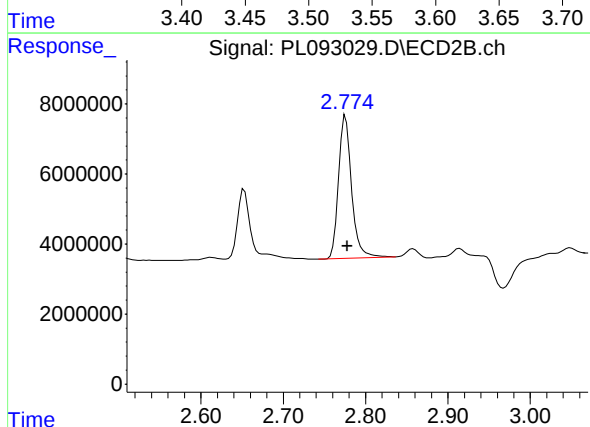
#1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 43528119  
Conc: 17.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

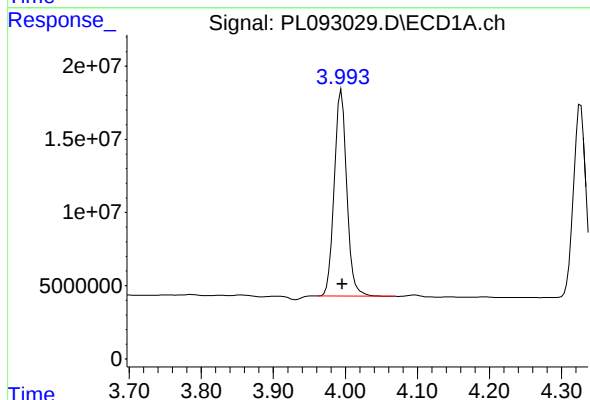
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



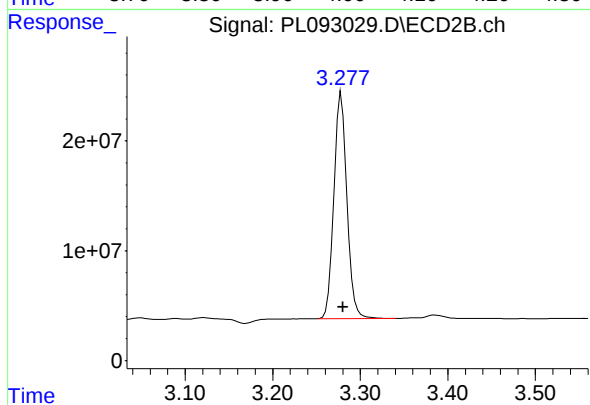
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 44784934  
Conc: 16.46 ng/ml



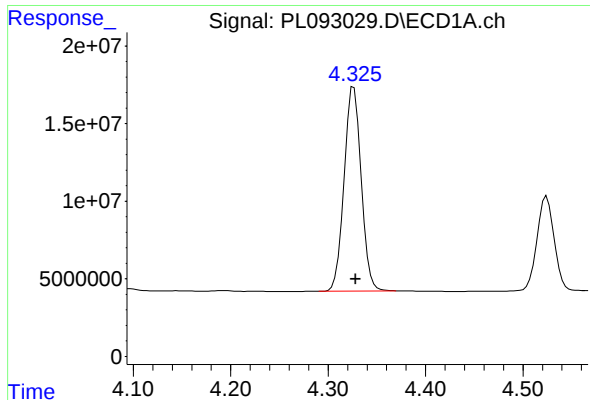
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.001 min  
Response: 168403806  
Conc: 49.65 ng/ml



#2 alpha-BHC

R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 213152291  
Conc: 53.42 ng/ml



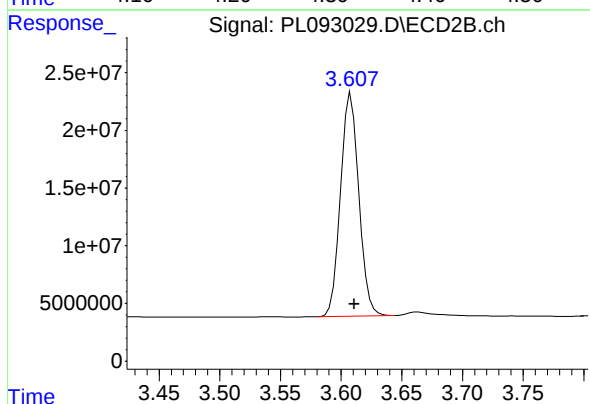
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 160237629  
Conc: 49.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

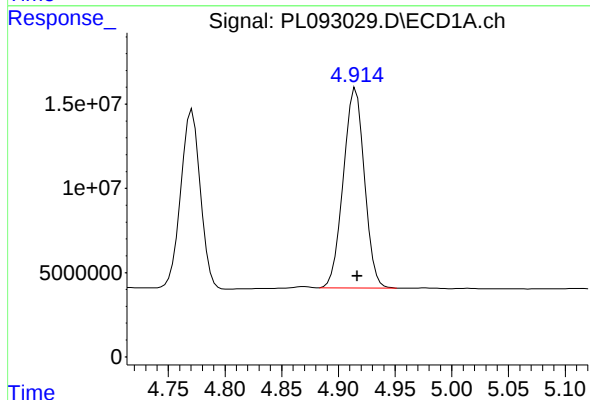
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



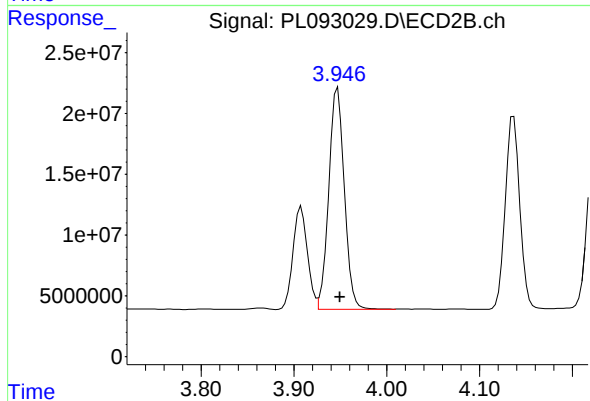
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: -0.003 min  
Response: 202932676  
Conc: 52.58 ng/ml



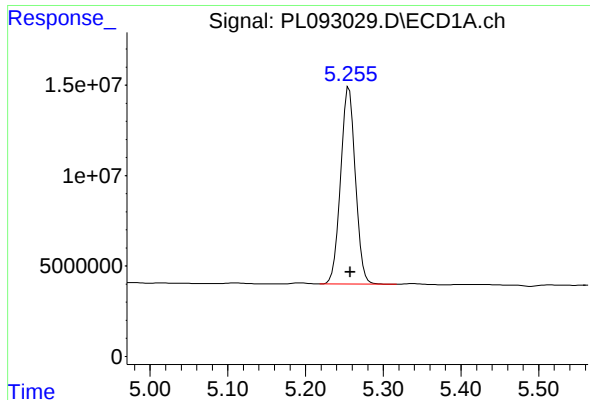
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.001 min  
Response: 153409680  
Conc: 51.08 ng/ml



#4 Heptachlor

R.T.: 3.947 min  
Delta R.T.: -0.002 min  
Response: 212240788  
Conc: 56.24 ng/ml



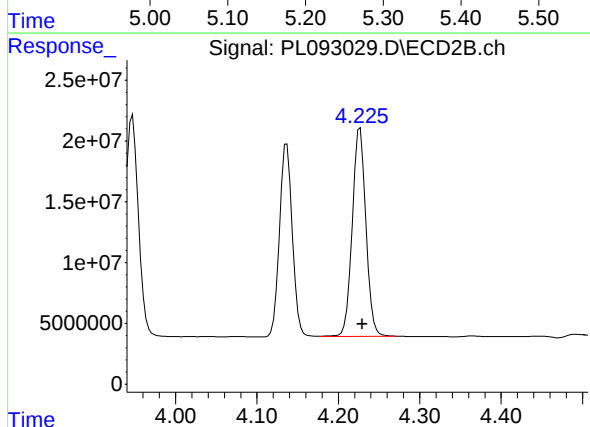
#5 Aldrin

R.T.: 5.256 min  
Delta R.T.: -0.002 min  
Response: 143987335  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

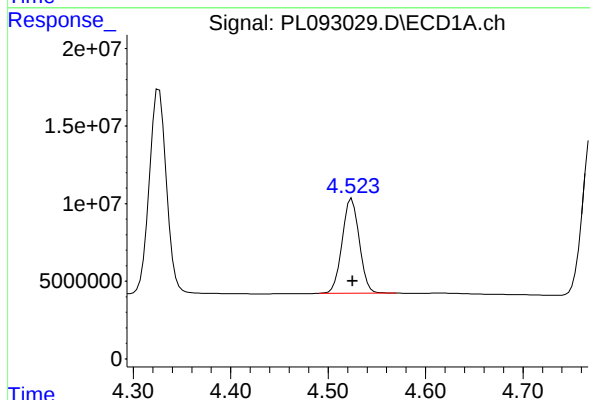
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



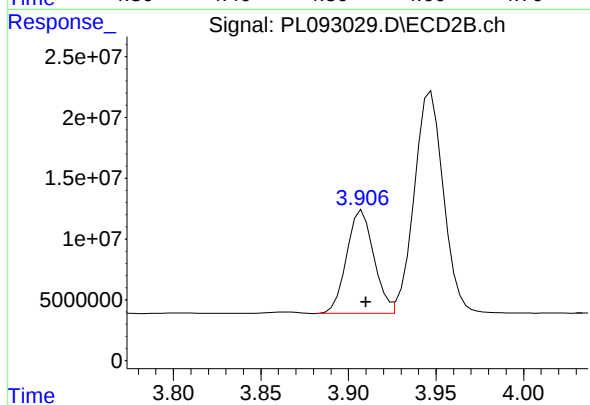
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.003 min  
Response: 200950702  
Conc: 54.90 ng/ml



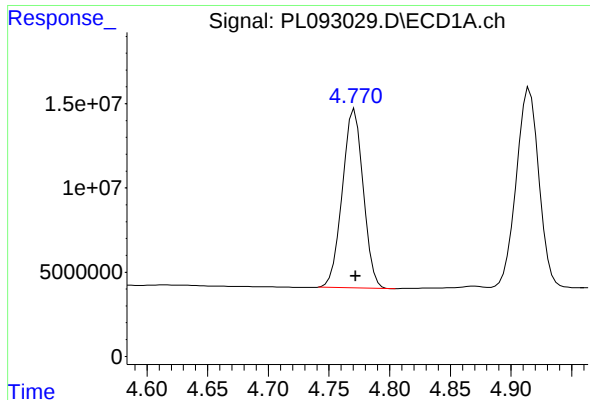
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 74554958  
Conc: 51.58 ng/ml



#6 beta-BHC

R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 91636200  
Conc: 55.66 ng/ml



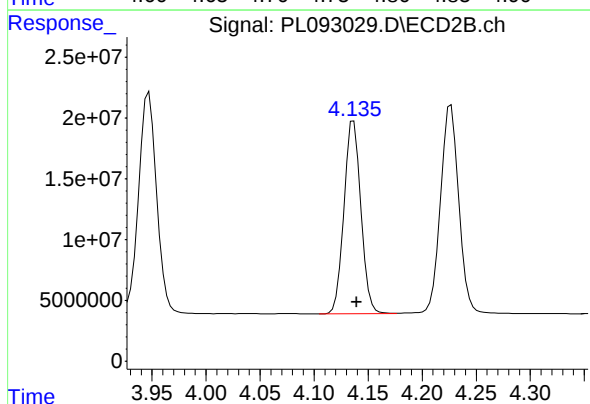
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 127116306  
Conc: 40.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

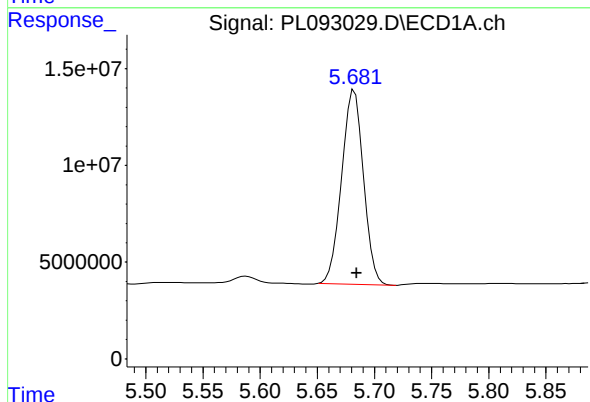
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



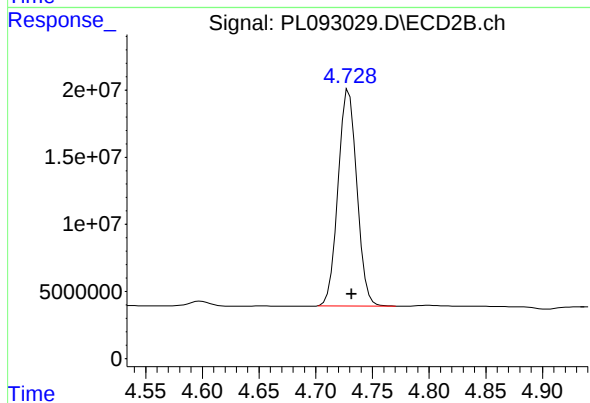
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 172909780  
Conc: 44.99 ng/ml



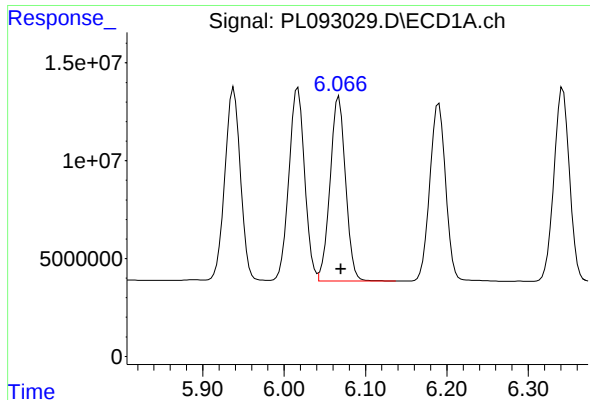
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: -0.002 min  
Response: 134156027  
Conc: 48.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min  
Delta R.T.: -0.002 min  
Response: 185262304  
Conc: 55.44 ng/ml



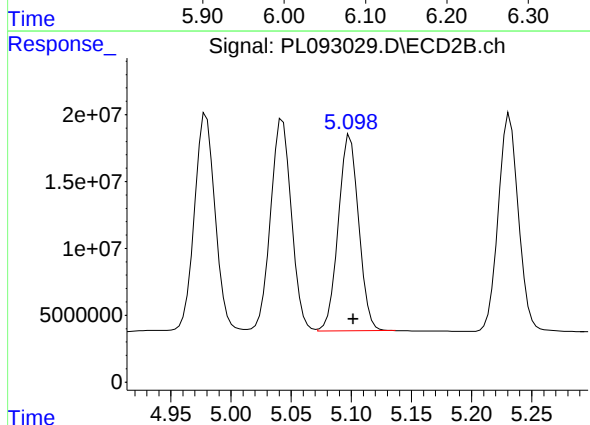
#9 Endosulfan I

R.T.: 6.067 min  
Delta R.T.: -0.002 min  
Response: 124249762  
Conc: 49.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

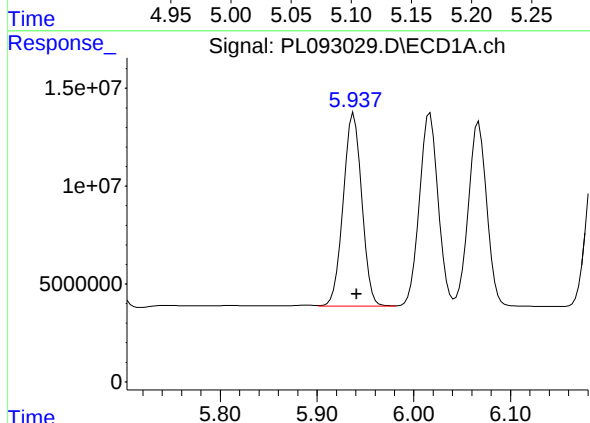
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



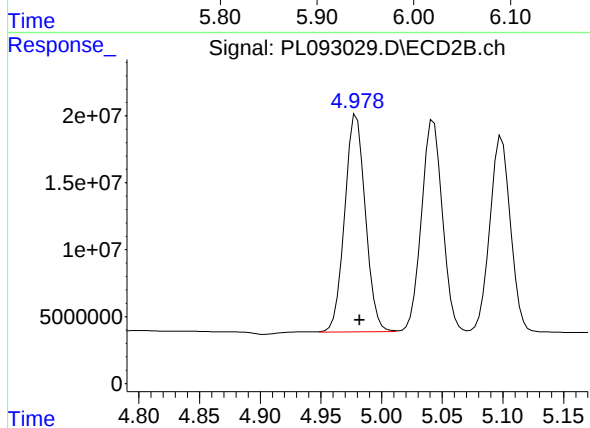
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 173346722  
Conc: 56.78 ng/ml



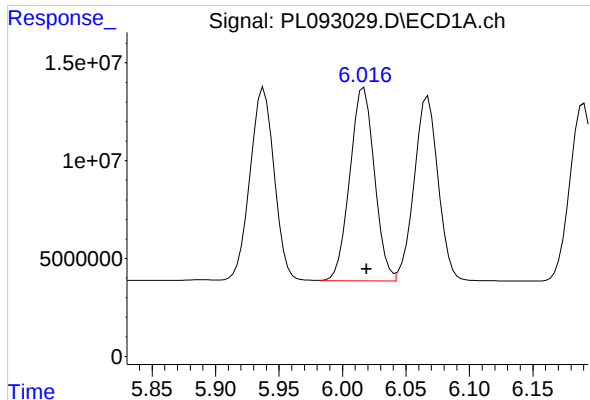
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: -0.003 min  
Response: 130907367  
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 192703057  
Conc: 57.32 ng/ml m



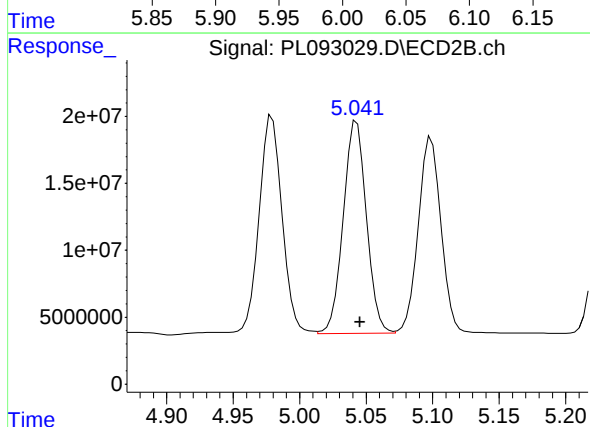
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: -0.002 min  
Response: 132997581  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

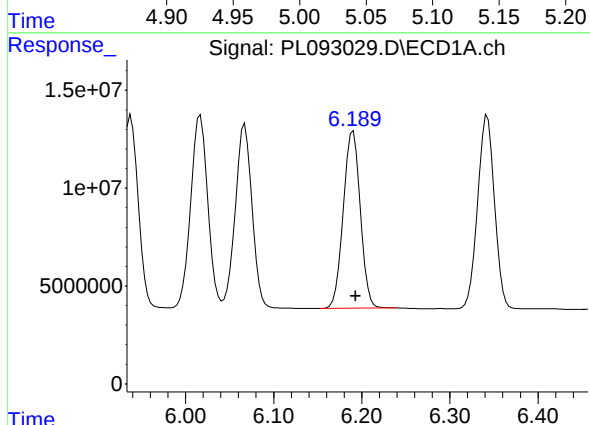
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



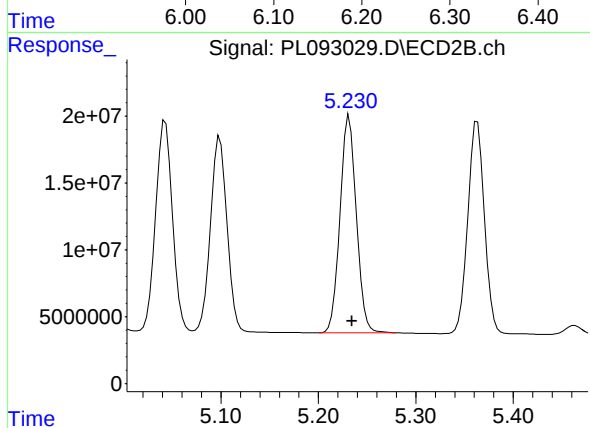
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.003 min  
Response: 193042552  
Conc: 58.04 ng/ml



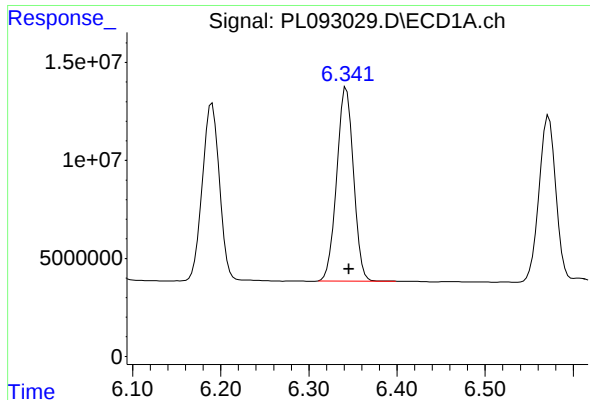
#12 4,4'-DDE

R.T.: 6.190 min  
Delta R.T.: -0.003 min  
Response: 121736817  
Conc: 51.38 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min  
Delta R.T.: -0.003 min  
Response: 189393414  
Conc: 58.79 ng/ml



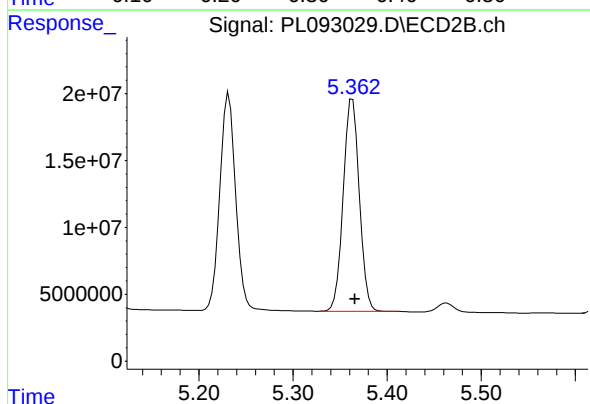
#13 Dieldrin

R.T.: 6.343 min  
Delta R.T.: -0.003 min  
Response: 130821328  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

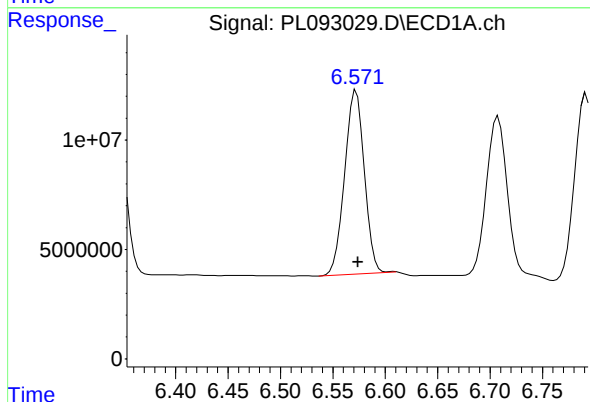
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



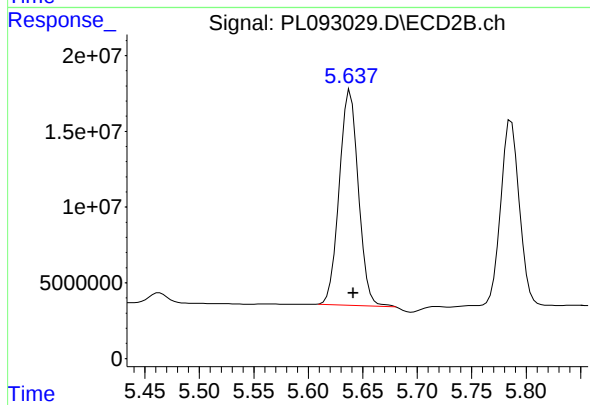
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: -0.003 min  
Response: 188956838  
Conc: 56.57 ng/ml



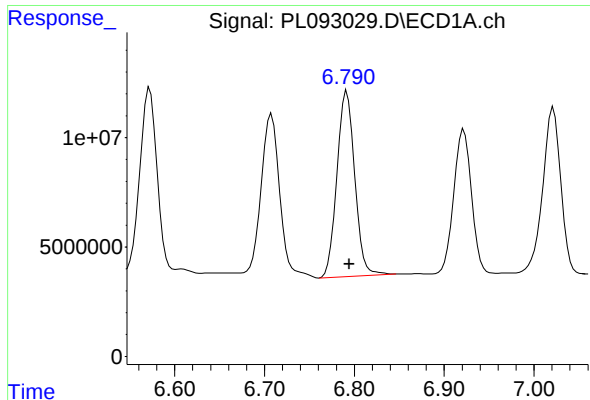
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: -0.002 min  
Response: 110399674  
Conc: 48.49 ng/ml



#14 Endrin

R.T.: 5.638 min  
Delta R.T.: -0.003 min  
Response: 173031299  
Conc: 59.81 ng/ml



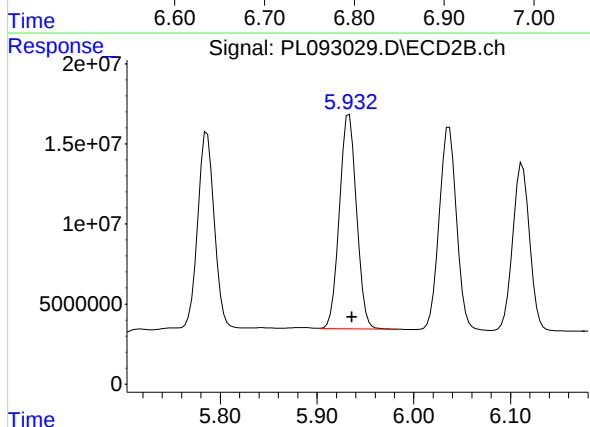
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: -0.002 min  
Response: 116574436  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

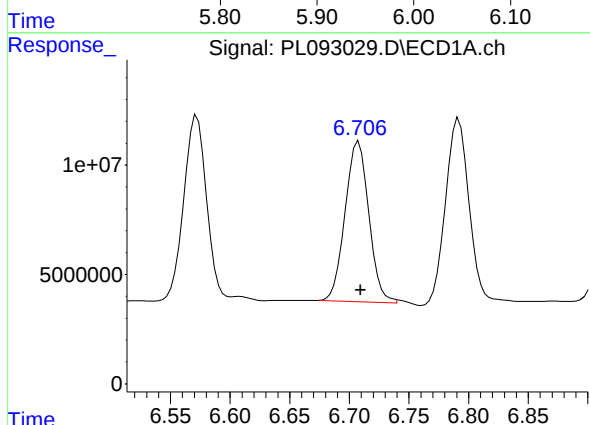
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



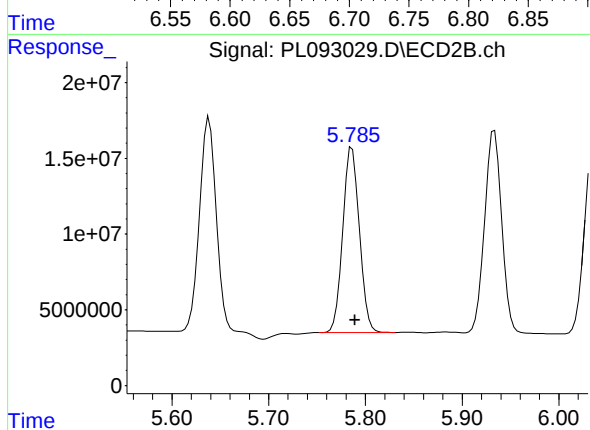
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: -0.003 min  
Response: 164709841  
Conc: 58.13 ng/ml



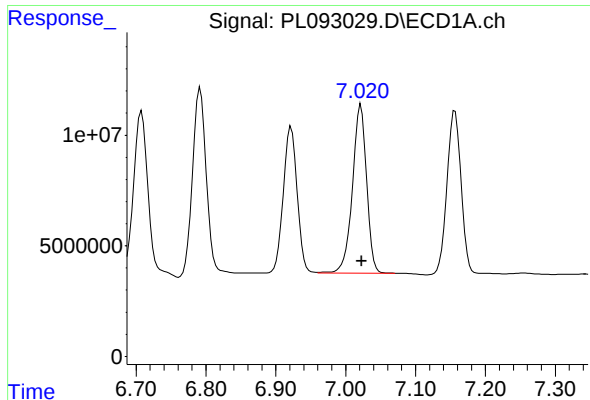
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.003 min  
Response: 101398311  
Conc: 52.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: -0.003 min  
Response: 145580515  
Conc: 58.46 ng/ml



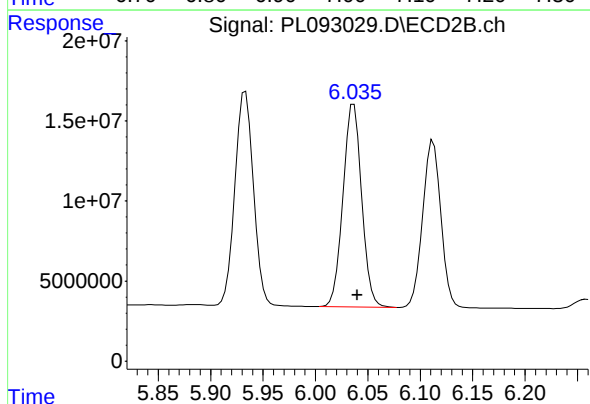
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.001 min  
Response: 107386051  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

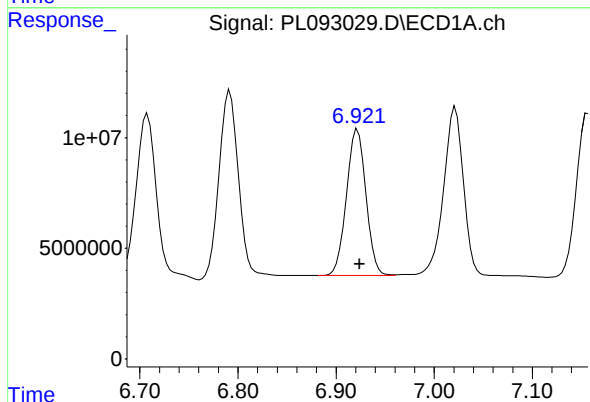
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



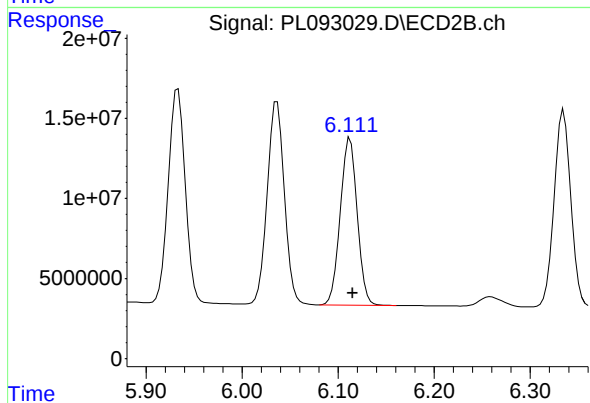
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: -0.005 min  
Response: 157496301  
Conc: 58.72 ng/ml



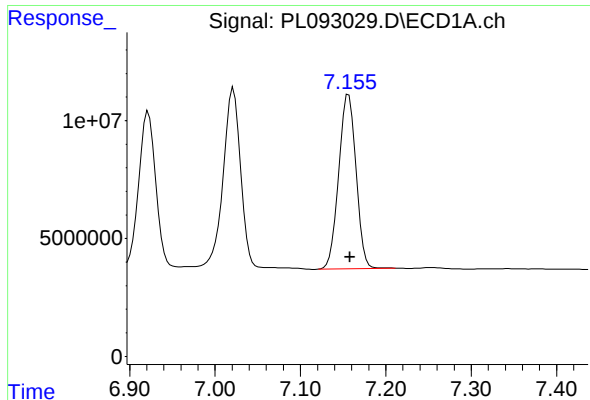
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 91199080  
Conc: 48.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 126180825  
Conc: 54.69 ng/ml



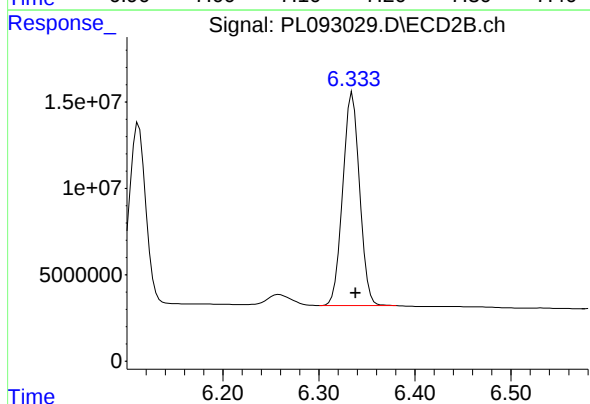
#19 Endosulfan Sulfate

R.T.: 7.156 min  
Delta R.T.: -0.002 min  
Response: 104152631  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

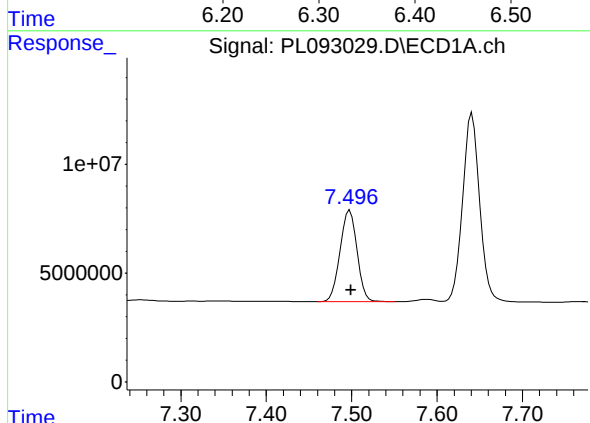
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



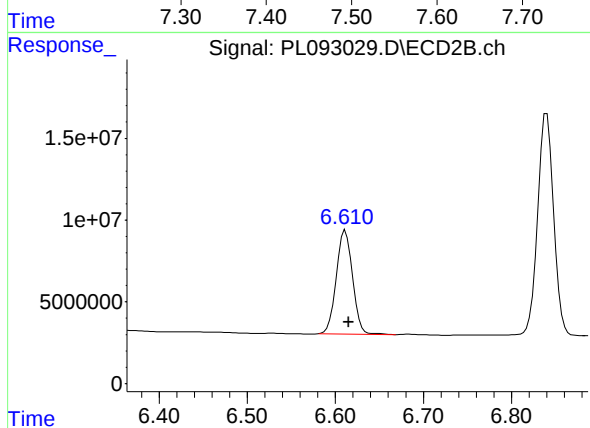
#19 Endosulfan Sulfate

R.T.: 6.335 min  
Delta R.T.: -0.003 min  
Response: 148823138  
Conc: 55.18 ng/ml



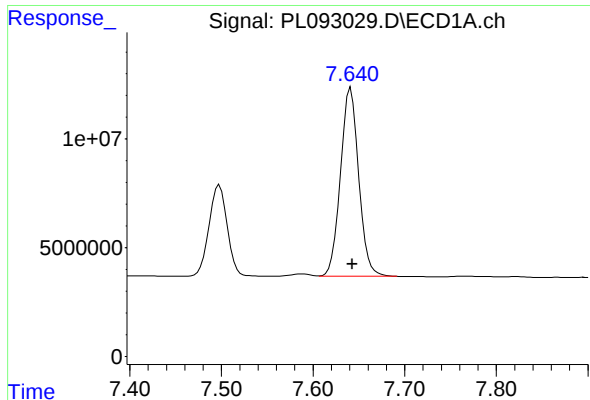
#20 Methoxychlor

R.T.: 7.498 min  
Delta R.T.: -0.002 min  
Response: 58060724  
Conc: 50.93 ng/ml



#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: -0.004 min  
Response: 81517016  
Conc: 57.08 ng/ml



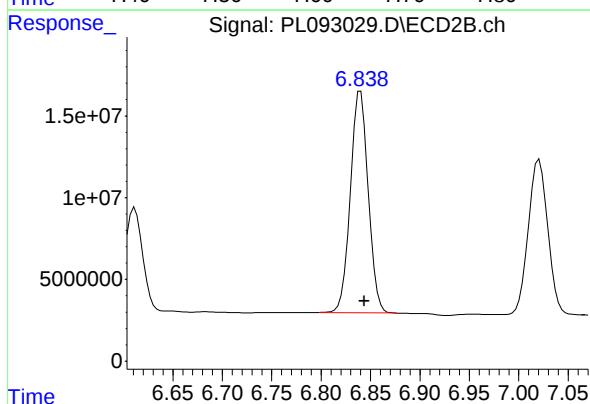
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: -0.002 min  
Response: 120123129  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

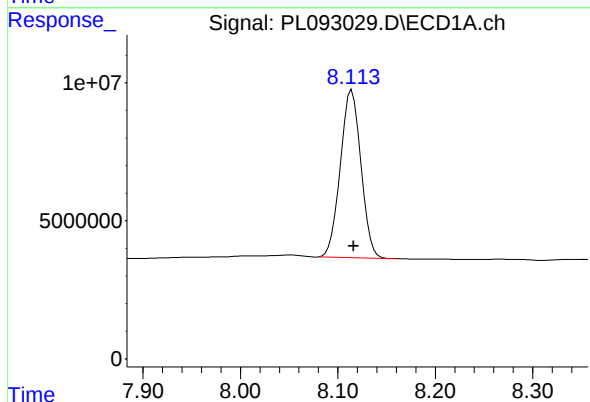
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



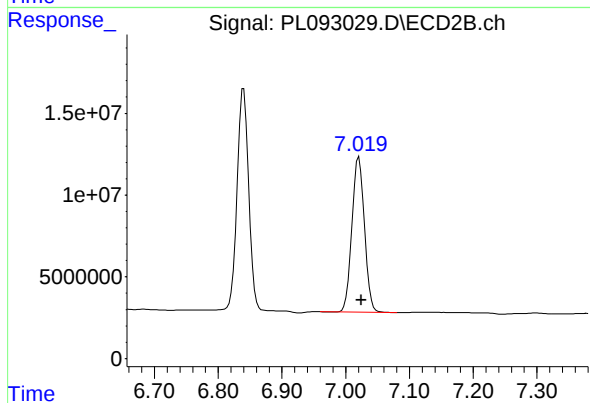
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: -0.005 min  
Response: 170535554  
Conc: 55.57 ng/ml m



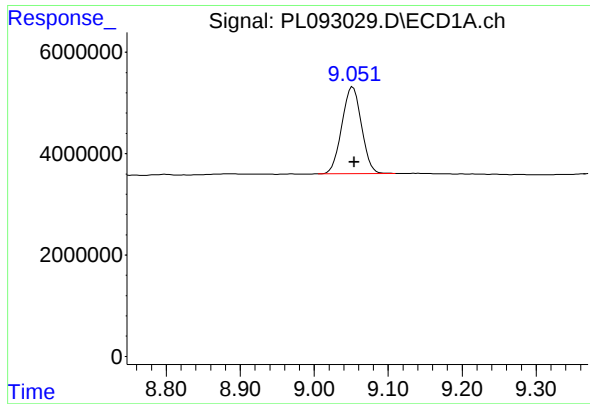
#22 Mirex

R.T.: 8.114 min  
Delta R.T.: -0.002 min  
Response: 88983573  
Conc: 44.90 ng/ml



#22 Mirex

R.T.: 7.021 min  
Delta R.T.: -0.004 min  
Response: 130136716  
Conc: 49.88 ng/ml



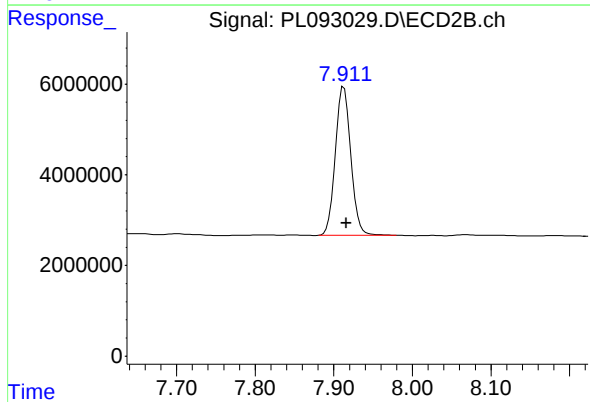
#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 31590377  
Conc: 16.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BP-F-2MSD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 44919142  
Conc: 16.46 ng/ml