

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100324\
 Data File : PL092178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2024 17:31
 Operator : AR\AJ
 Sample : P4236-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP4MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/02/2024
 Supervised By :Ankita Jodhani 10/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 04:16:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.541	2.781	45014630	48754092	20.234m	19.439
28)	SA Decachlor...	9.059	7.921	29720208	43296930	18.142	17.305
Target Compounds							
2)	A alpha-BHC	3.997	3.285	140.1E6	180.7E6	45.232m	49.598
3)	MA gamma-BHC...	4.331	3.614	138.4E6	172.0E6	44.652	48.701
4)	MA Heptachlor	4.919	3.954	132.3E6	175.6E6	47.843	50.882
5)	MB Aldrin	5.262	4.234	125.3E6	165.7E6	45.102	48.734
6)	B beta-BHC	4.528	3.914	63656113	75872766	47.993	50.478
7)	B delta-BHC	4.775	4.143	98579444	122.9E6	34.179	35.392
8)	B Heptachlo...	5.688	4.736	114.2E6	149.8E6	44.884	49.550
9)	A Endosulfan I	6.074	5.106	105.6E6	136.9E6	45.656	49.878
10)	B gamma-Chl...	5.944	4.986	113.7E6	156.8E6	46.028	52.107
11)	B alpha-Chl...	6.022	5.050	113.8E6	152.5E6	46.206	50.940
12)	B 4,4'-DDE	6.196	5.239	100.1E6	143.6E6	46.244	51.673
13)	MA Dieldrin	6.348	5.370	110.4E6	146.7E6	45.273	50.022
14)	MA Endrin	6.577	5.644	95666382	132.5E6	46.424m	50.545m
15)	B Endosulfa...	6.798	5.940	95923723	126.8E6	43.607	50.684
16)	A 4,4'-DDD	6.712	5.792	82589423	109.5E6	45.992m	51.238m
17)	MA 4,4'-DDT	7.028	6.044	88339215	117.9E6	47.979	50.973
18)	B Endrin al...	6.928	6.120	75920304	94852502	43.563	46.480
19)	B Endosulfa...	7.163	6.342	86576825	113.3E6	43.675	46.944
20)	A Methoxychlor	7.503	6.619	47303986	61227767	48.185	48.969
21)	B Endrin ke...	7.648	6.848	100.5E6	133.2E6	45.753	48.111
22)	Mirex	8.121	7.029	76250033	107.0E6	42.338	43.970

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100324\
Data File : PL092178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2024 17:31
Operator : AR\AJ
Sample : P4236-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

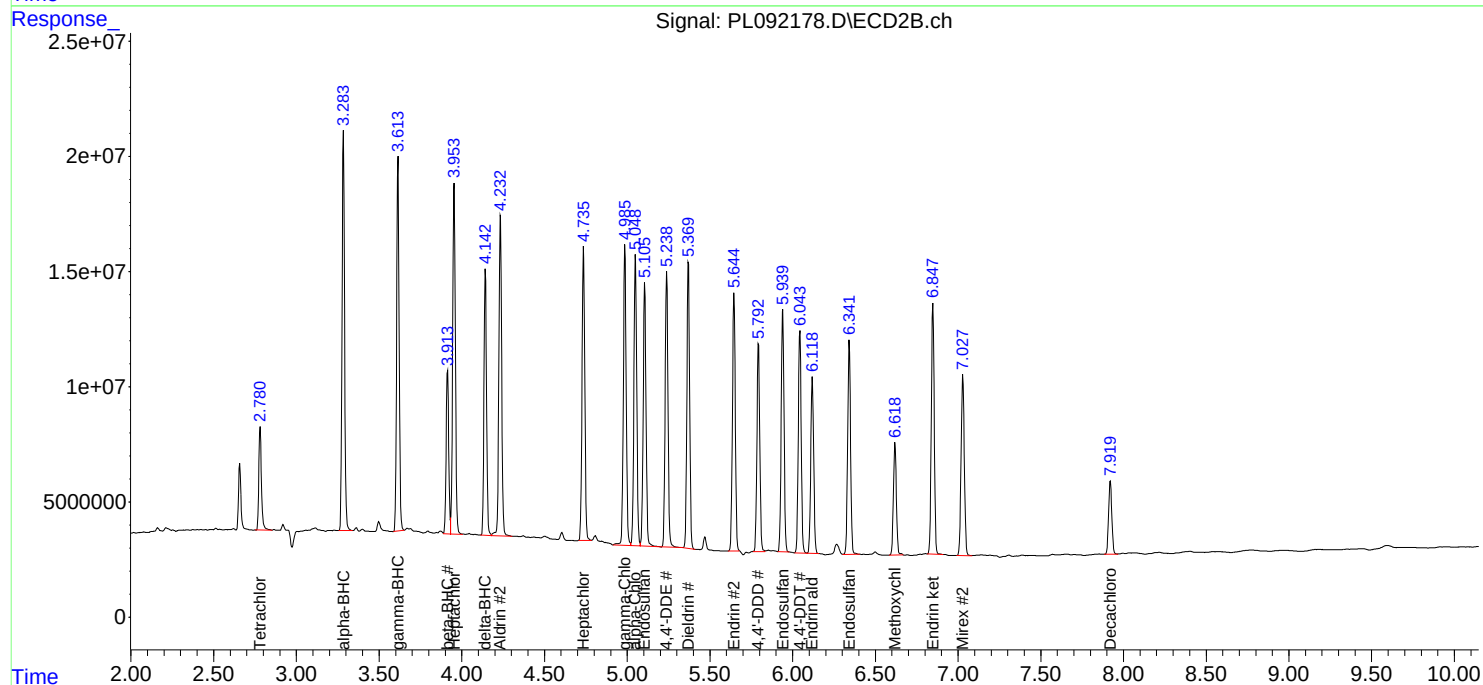
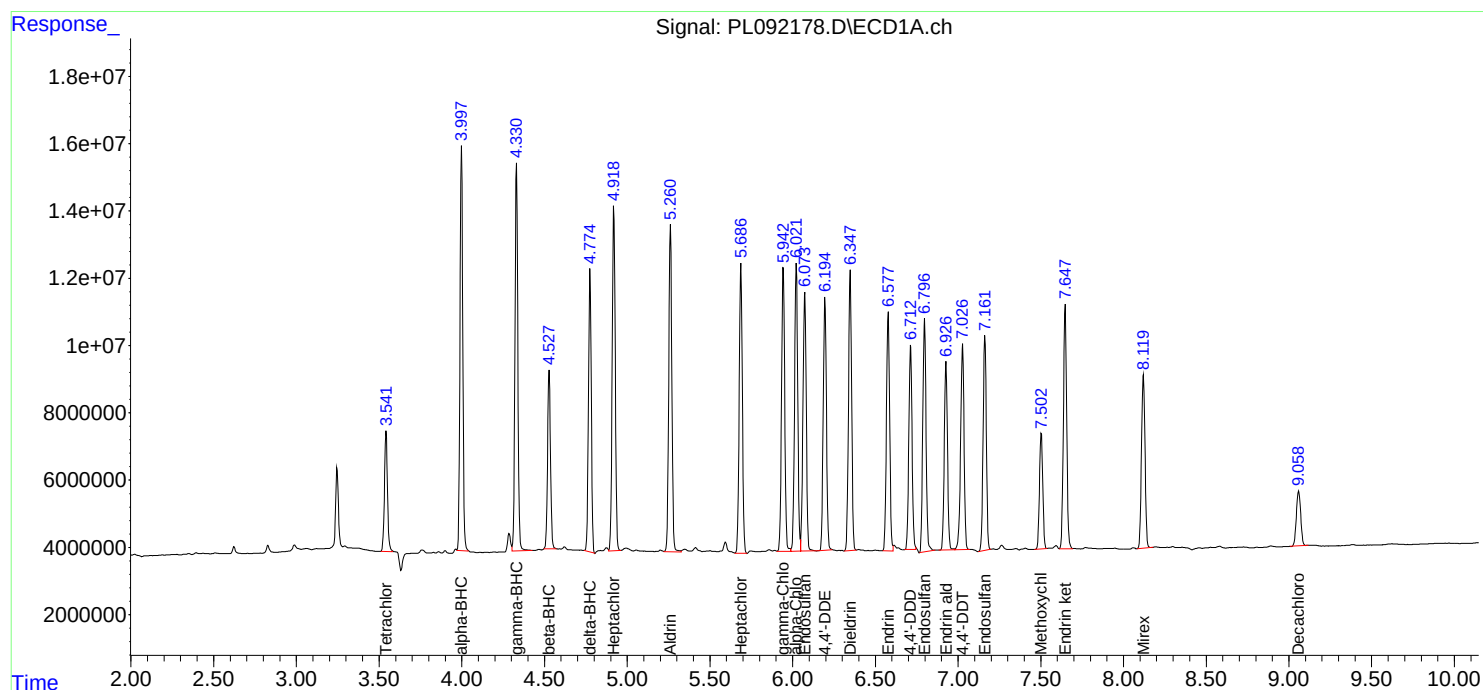
Instrument :
ECD_L
ClientSampleId :
TP4MSD

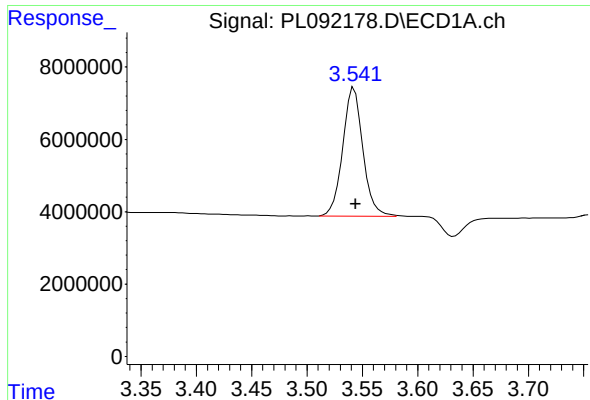
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 02 04:16:13 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





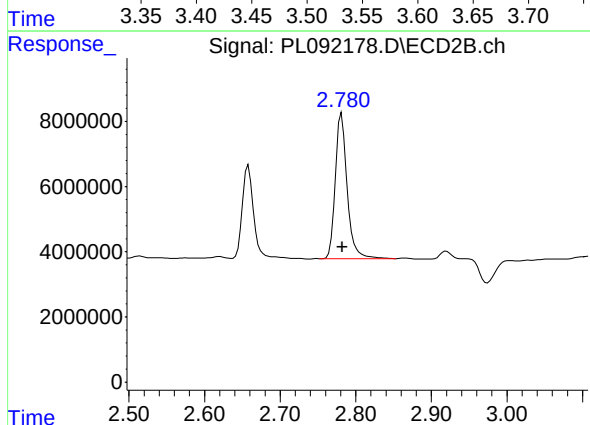
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 45014630
Conc: 20.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

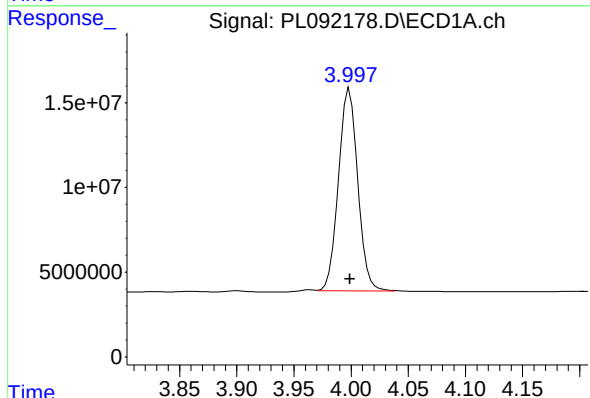
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



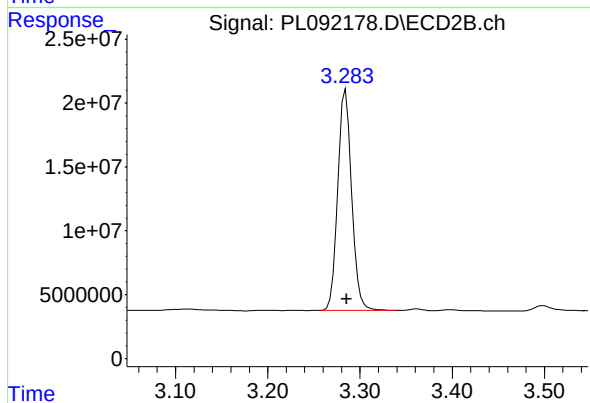
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 48754092
Conc: 19.44 ng/ml



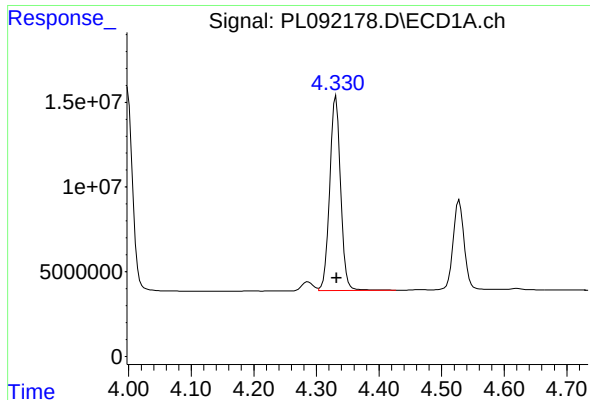
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 140061734
Conc: 45.23 ng/ml m



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 180702362
Conc: 49.60 ng/ml



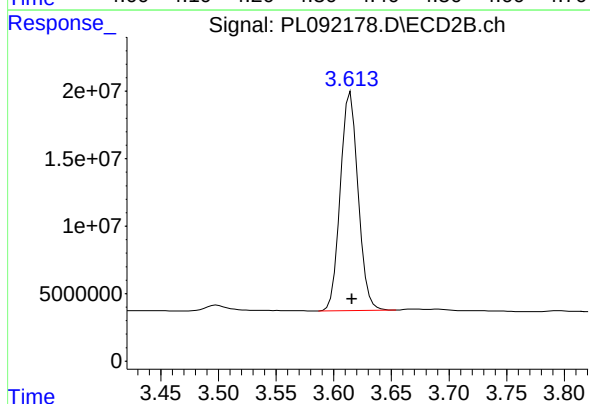
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 138367180
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

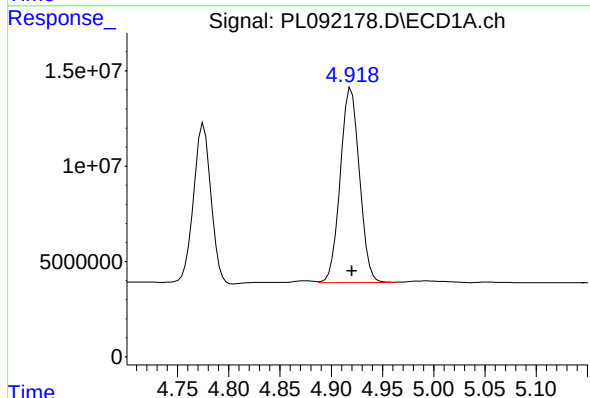
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



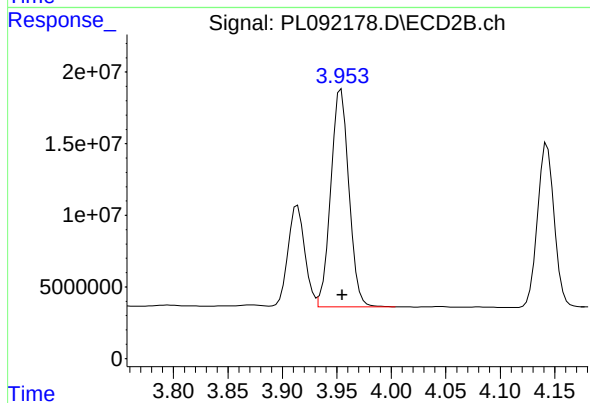
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.001 min
Response: 171960805
Conc: 48.70 ng/ml



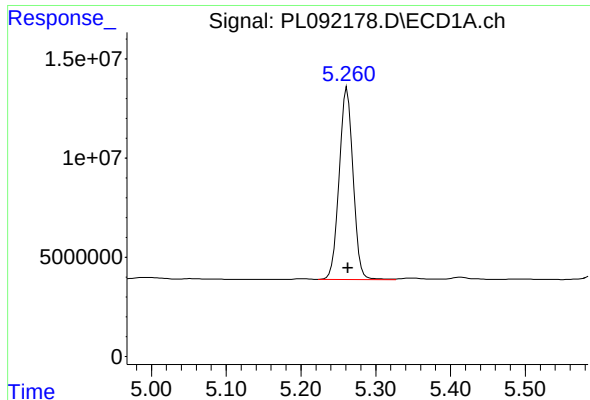
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 132307643
Conc: 47.84 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 175574453
Conc: 50.88 ng/ml



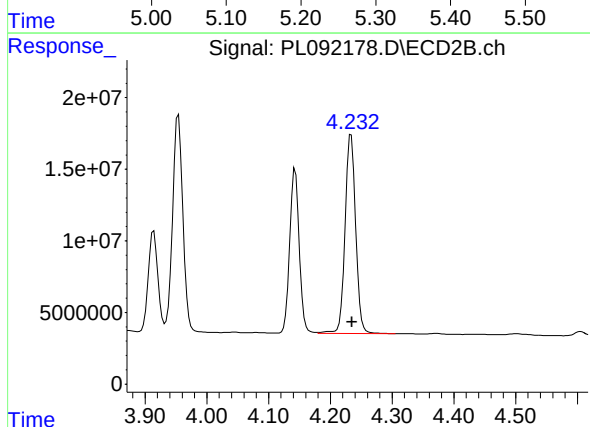
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 125274426
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

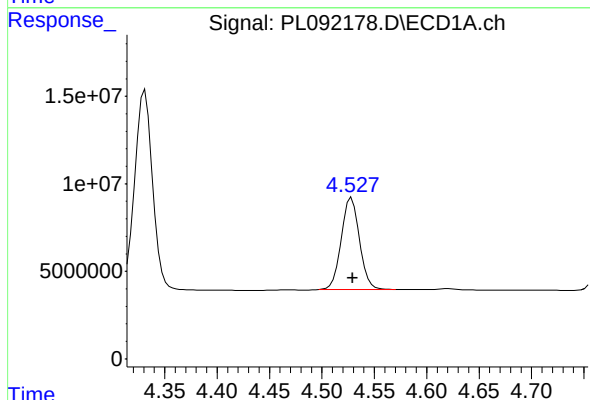
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



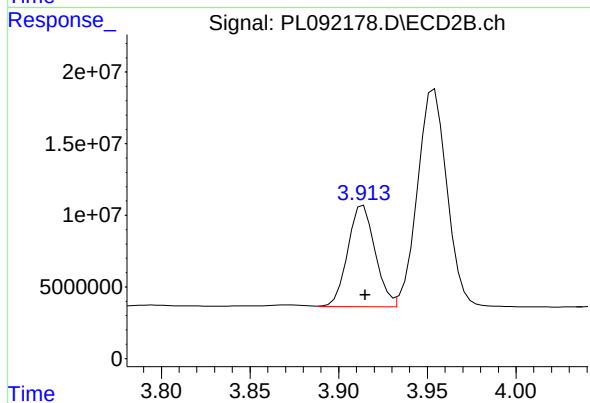
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 165748574
Conc: 48.73 ng/ml



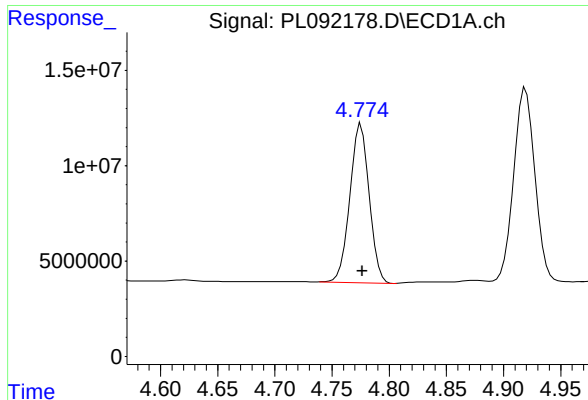
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 63656113
Conc: 47.99 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 75872766
Conc: 50.48 ng/ml



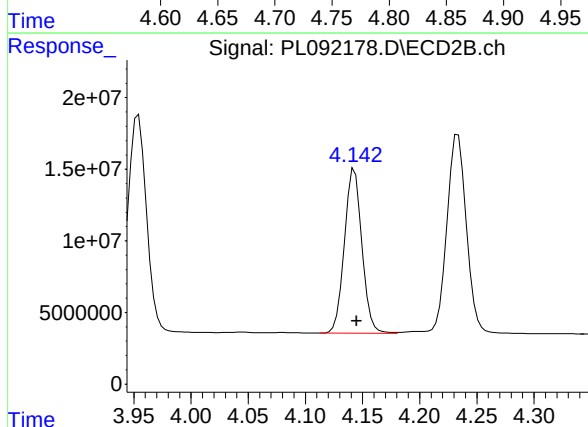
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 98579444
Conc: 34.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

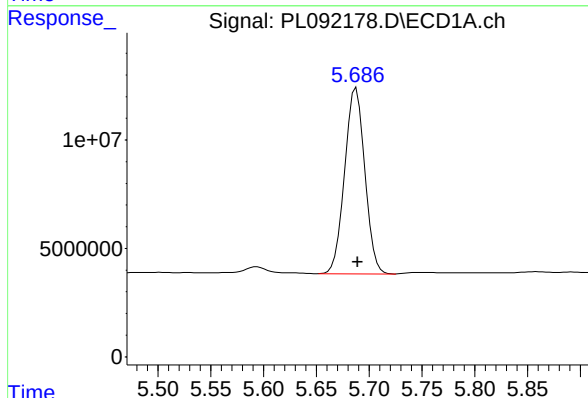
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



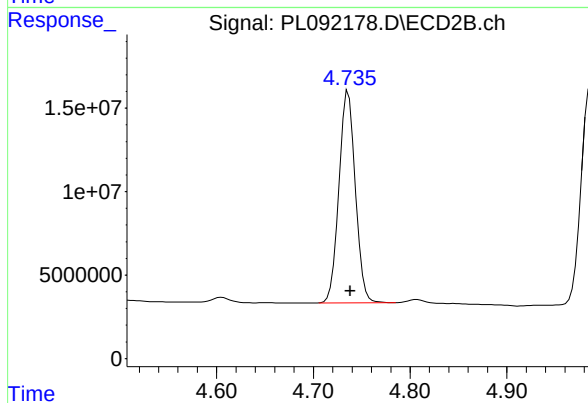
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 122870633
Conc: 35.39 ng/ml



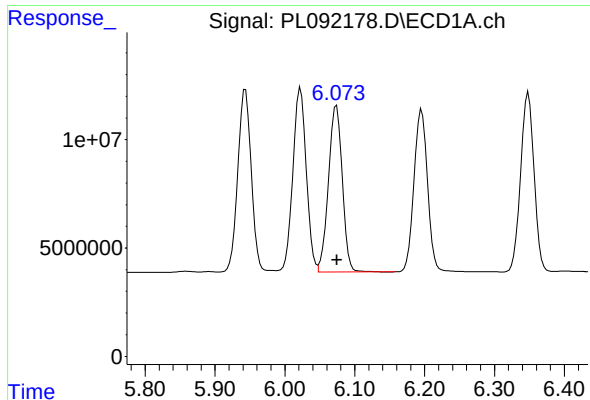
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 114228577
Conc: 44.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 149785448
Conc: 49.55 ng/ml



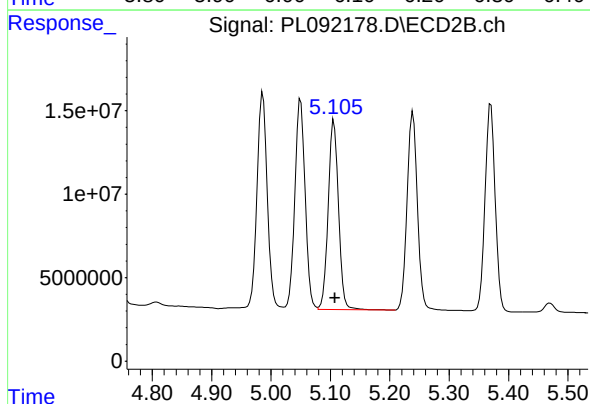
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 105619706
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

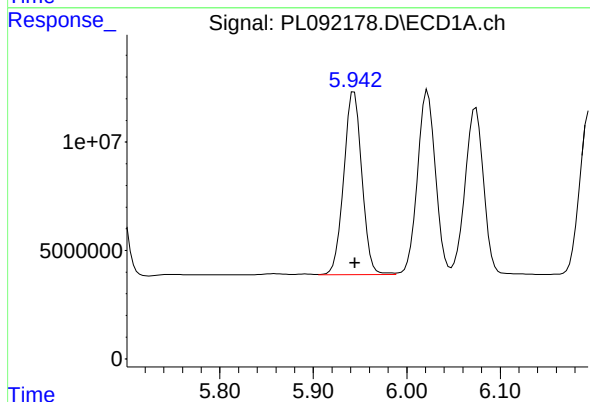
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



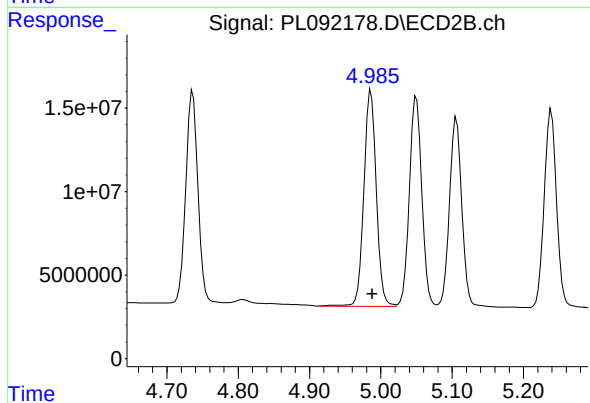
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 136897045
Conc: 49.88 ng/ml



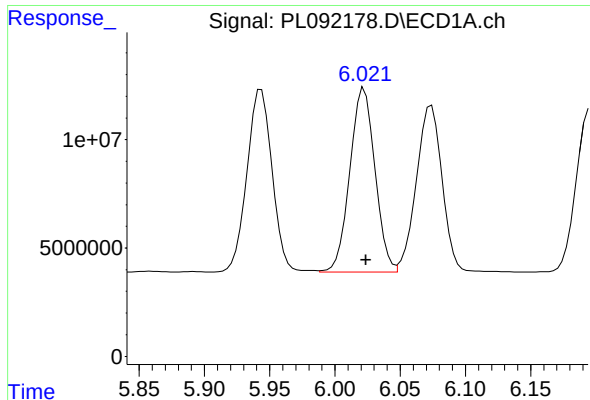
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 113744053
Conc: 46.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 156767050
Conc: 52.11 ng/ml



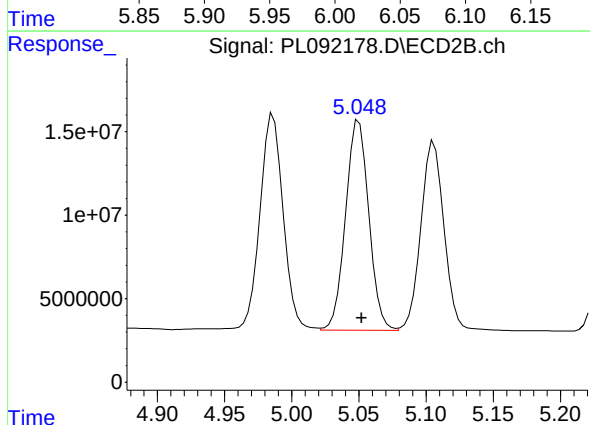
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 113819857
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

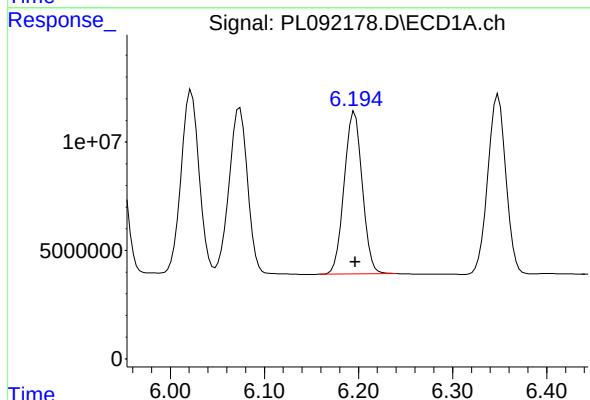
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



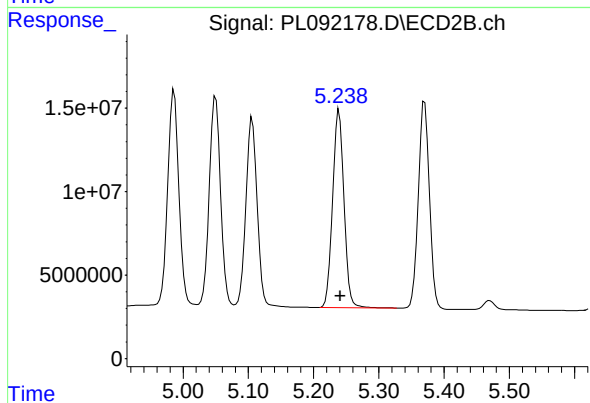
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 152491982
Conc: 50.94 ng/ml



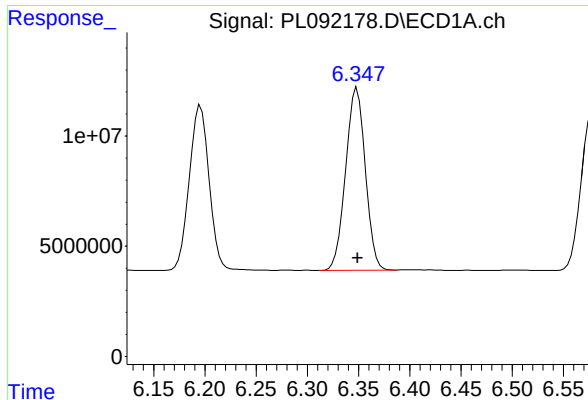
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 100091794
Conc: 46.24 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 143592520
Conc: 51.67 ng/ml



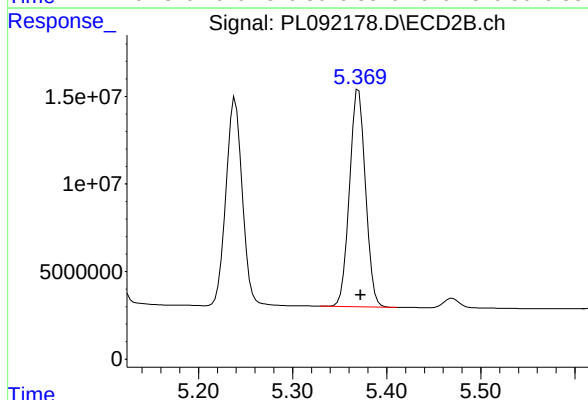
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 110414458
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

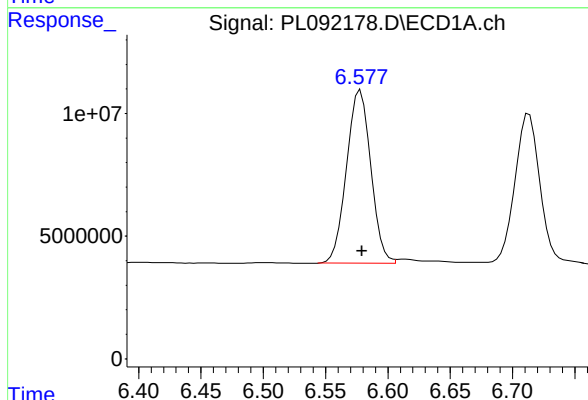
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



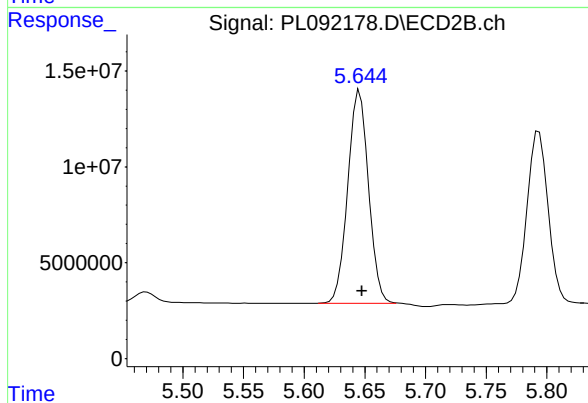
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 146656070
Conc: 50.02 ng/ml



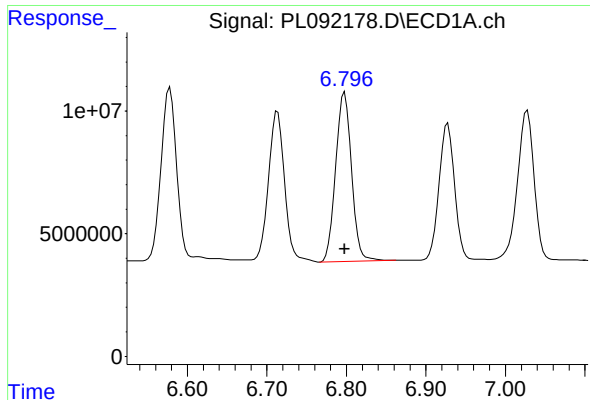
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 95666382
Conc: 46.42 ng/ml m



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 132539320
Conc: 50.55 ng/ml m



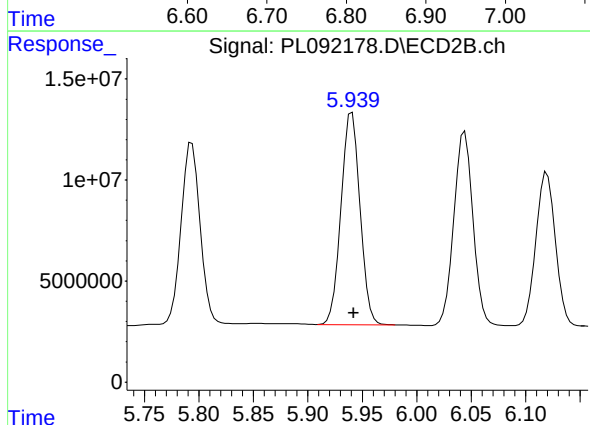
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 95923723
Conc: 43.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

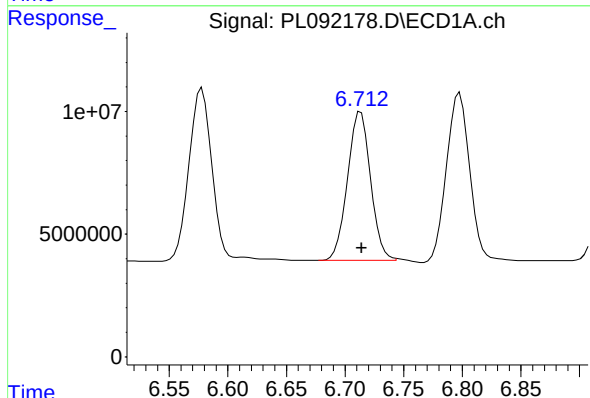
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



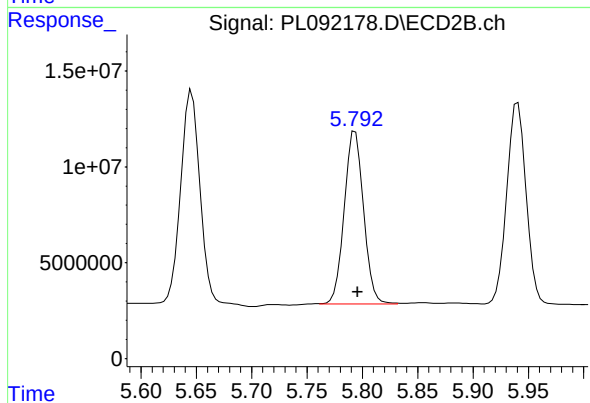
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 126831269
Conc: 50.68 ng/ml



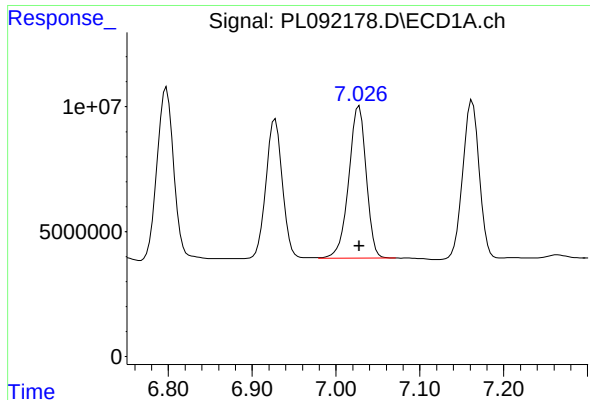
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 82589423
Conc: 45.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 109454755
Conc: 51.24 ng/ml m



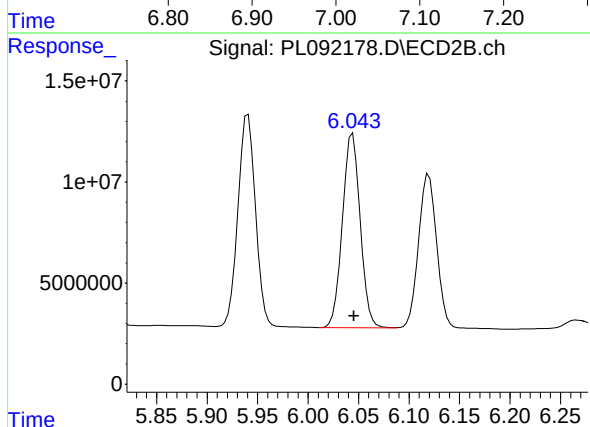
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 88339215
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

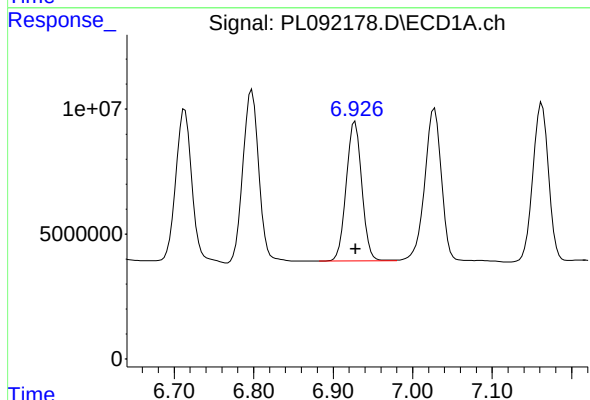
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



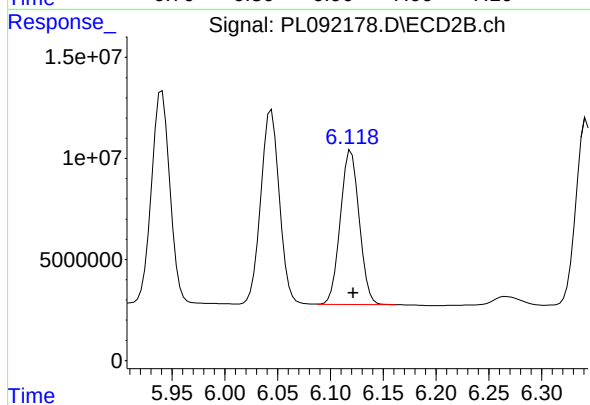
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 117908603
Conc: 50.97 ng/ml



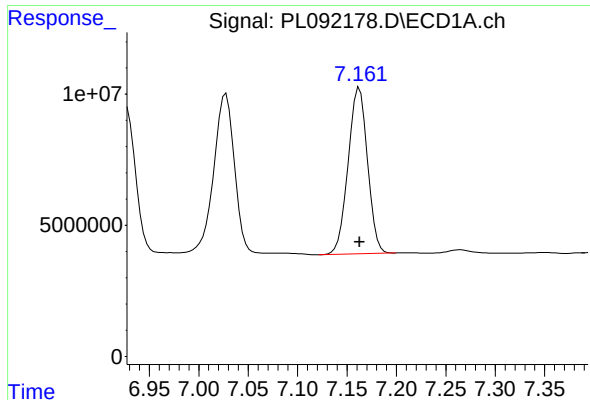
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 75920304
Conc: 43.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 94852502
Conc: 46.48 ng/ml



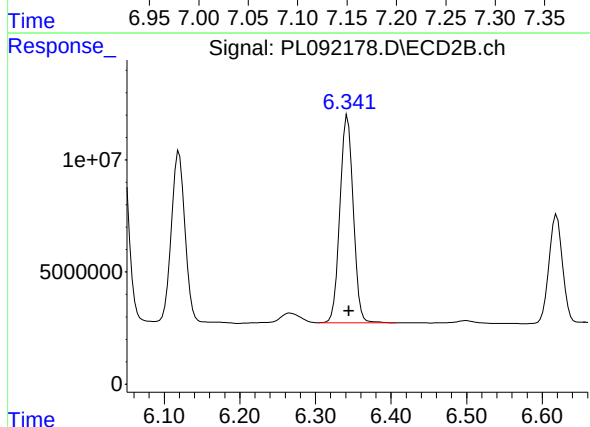
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 86576825
Conc: 43.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

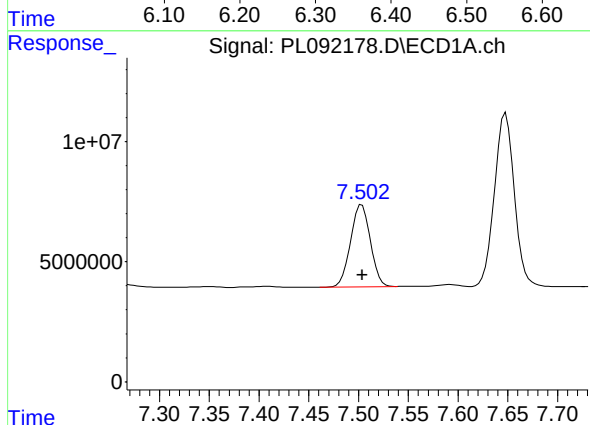
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



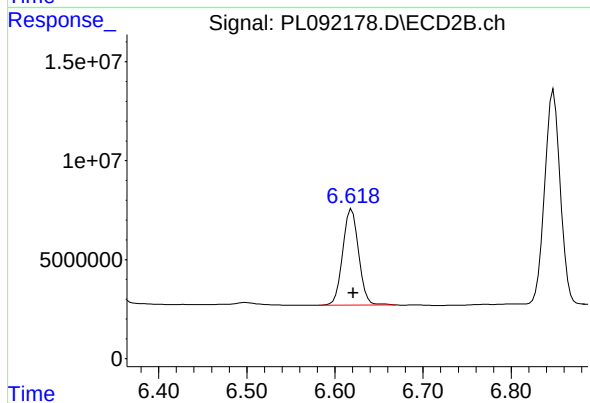
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 113253829
Conc: 46.94 ng/ml



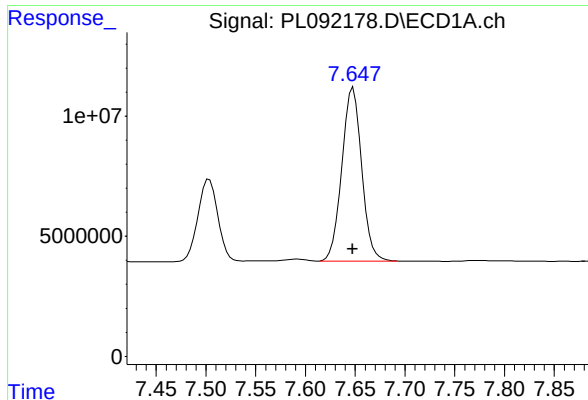
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 47303986
Conc: 48.19 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 61227767
Conc: 48.97 ng/ml



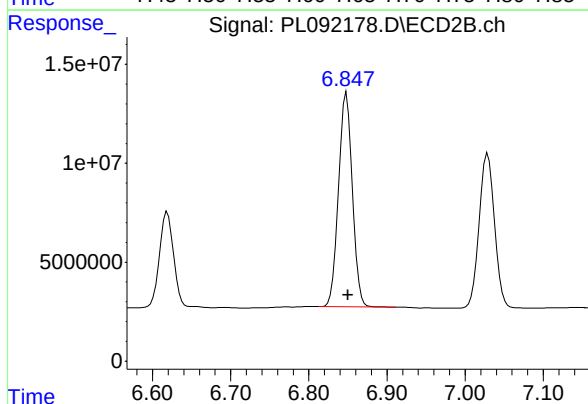
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 100545551
Conc: 45.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

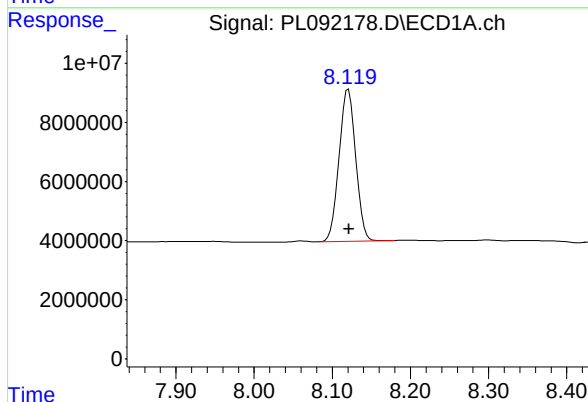
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



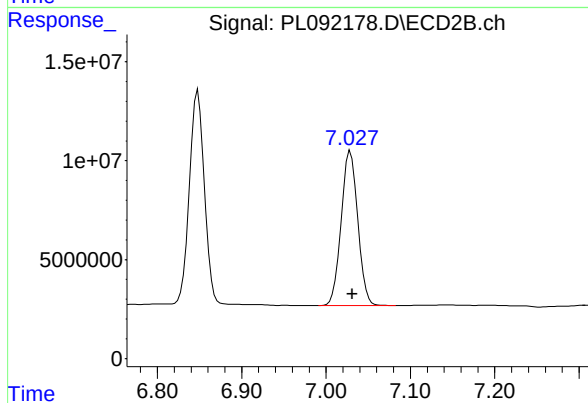
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 133218035
Conc: 48.11 ng/ml



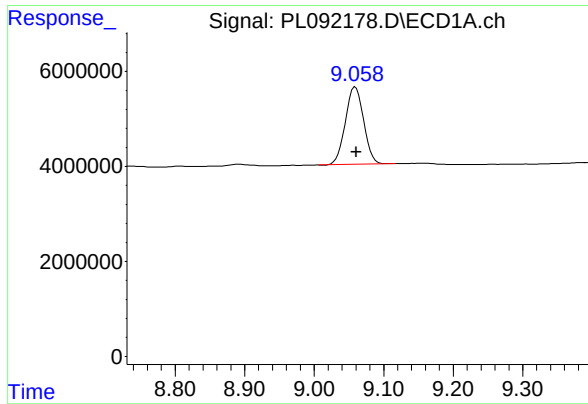
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 76250033
Conc: 42.34 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 106963550
Conc: 43.97 ng/ml



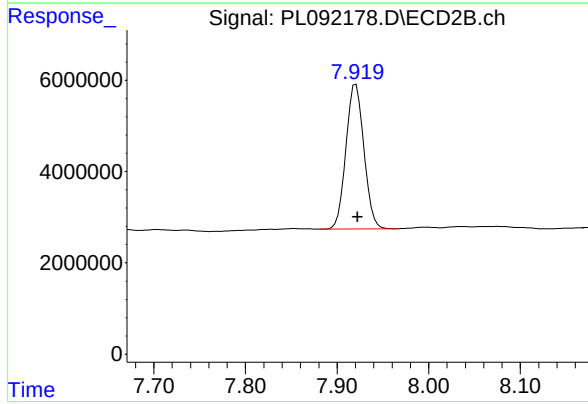
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 29720208
Conc: 18.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP4MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/02/2024
Supervised By :Ankita Jodhani 10/02/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 43296930
Conc: 17.31 ng/ml