

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
 Data File : PL093547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2024 16:47
 Operator : AR\AJ
 Sample : PB165895BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165895BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/30/2024
 Supervised By :Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 28 00:59:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.539	2.775	44568540	49861524	18.002	17.127
28)	SA Decachlor...	9.054	7.912	36539783	59422474	19.762	19.901
Target Compounds							
2)	A alpha-BHC	3.995	3.278	150.4E6	190.9E6	43.556	43.919
3)	MA gamma-BHC...	4.328	3.608	140.0E6	181.7E6	42.694	43.062
4)	MA Heptachlor	4.916	3.946	129.2E6	186.1E6	44.131	44.770
5)	MB Aldrin	5.258	4.226	123.7E6	176.0E6	42.520	42.900
6)	B beta-BHC	4.526	3.908	63733636	81661271	44.211	45.431
7)	B delta-BHC	4.773	4.136	138.7E6	182.5E6	45.303	43.165
8)	B Heptachlo...	5.684	4.728	114.1E6	166.5E6	43.321	43.488
9)	A Endosulfan I	6.070	5.098	103.8E6	151.8E6	43.982	43.437
10)	B gamma-Chl...	5.940	4.977	109.7E6	174.4E6	43.637	45.271m
11)	B alpha-Chl...	6.019	5.042	112.0E6	171.2E6	44.741	44.960
12)	B 4,4'-DDE	6.192	5.231	100.4E6	169.9E6	44.745	46.209
13)	MA Dieldrin	6.344	5.363	109.9E6	172.6E6	44.052	44.784
14)	MA Endrin	6.573	5.638	86730230	145.0E6	40.294m	43.826
15)	B Endosulfa...	6.794	5.934	98165664	153.3E6	43.183	47.188
16)	A 4,4'-DDD	6.710	5.786	85126968	137.4E6	48.479	48.562
17)	MA 4,4'-DDT	7.023	6.036	84026546	134.8E6	45.456	44.631
18)	B Endrin al...	6.924	6.112	79442821	121.0E6	44.768	44.927
19)	B Endosulfa...	7.158	6.335	91605377	146.9E6	45.371	46.570
20)	A Methoxychlor	7.499	6.611	44413299	70237256	44.428	43.635
21)	B Endrin ke...	7.643	6.841	104.5E6	170.3E6	46.586	46.788
22)	Mirex	8.116	7.021	78866509	124.2E6	42.204	40.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122724\
Data File : PL093547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2024 16:47
Operator : AR\AJ
Sample : PB165895BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB165895BS

Manual Integrations

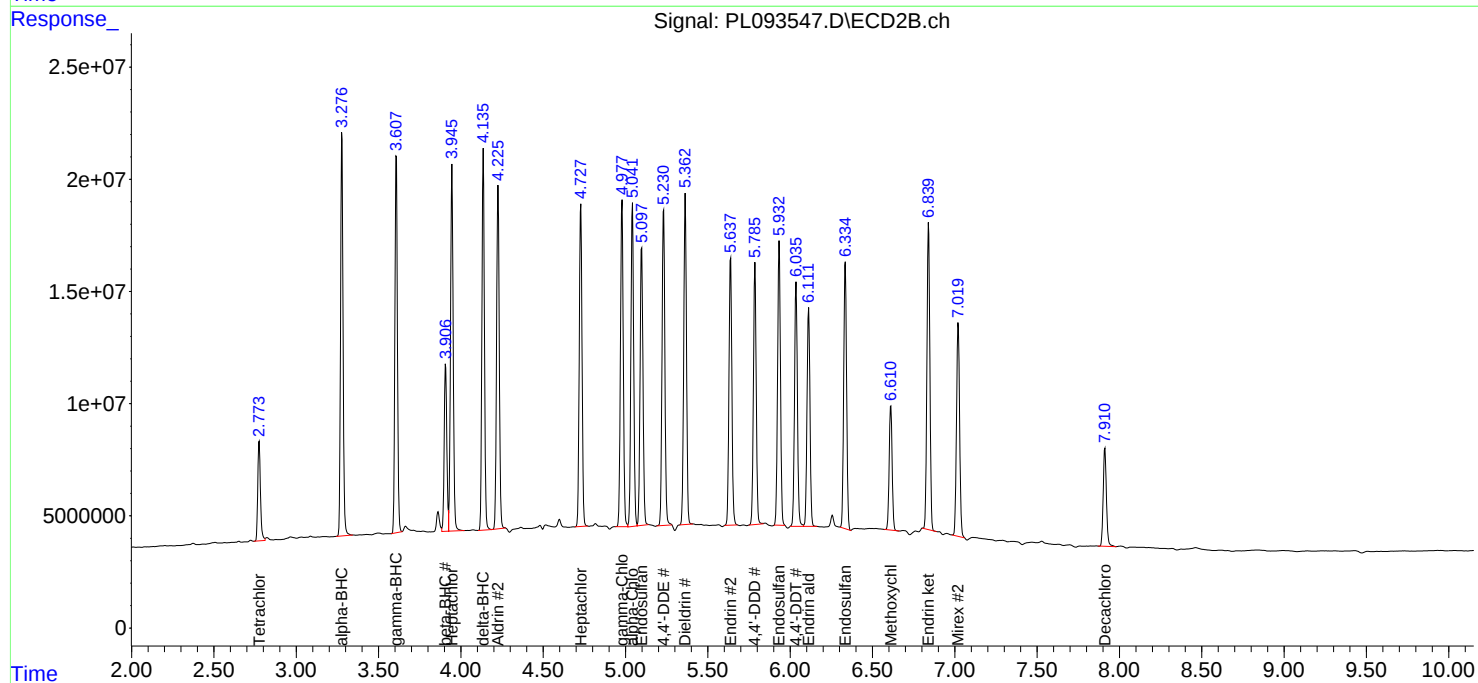
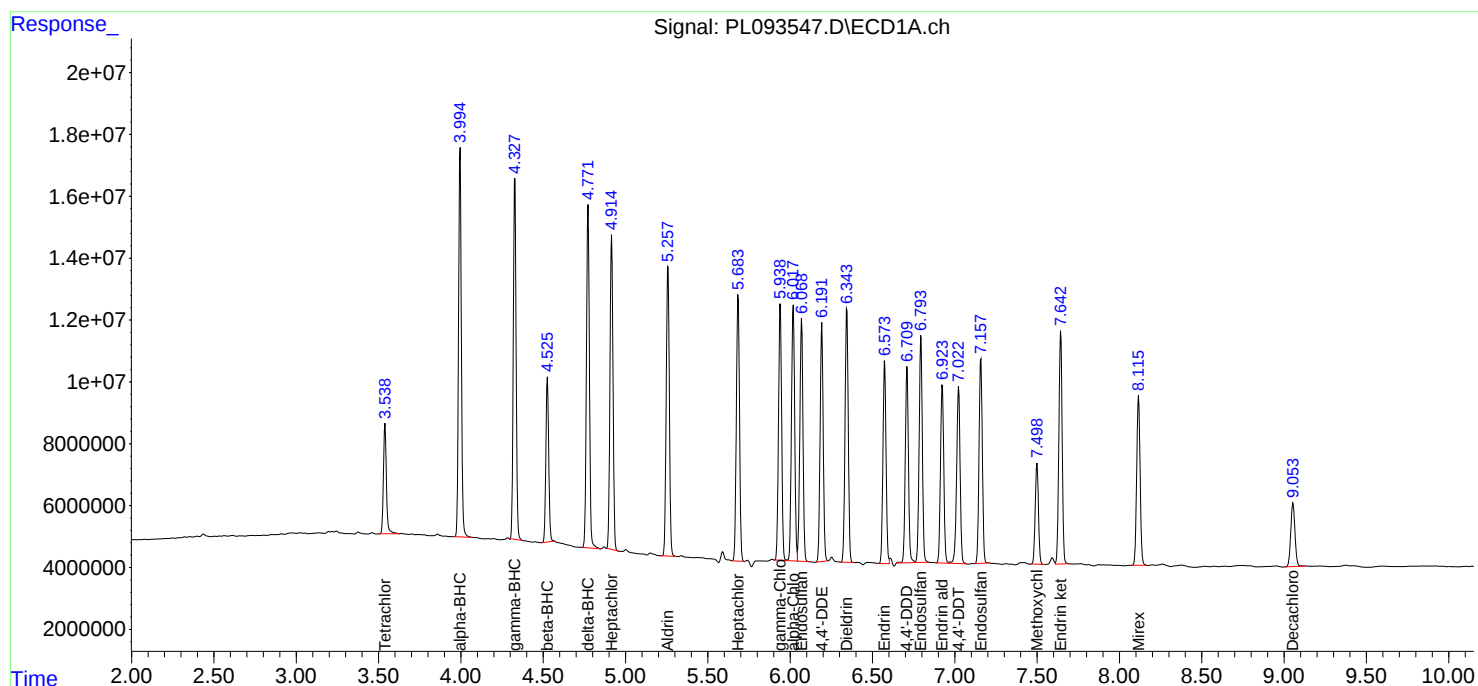
APPROVED

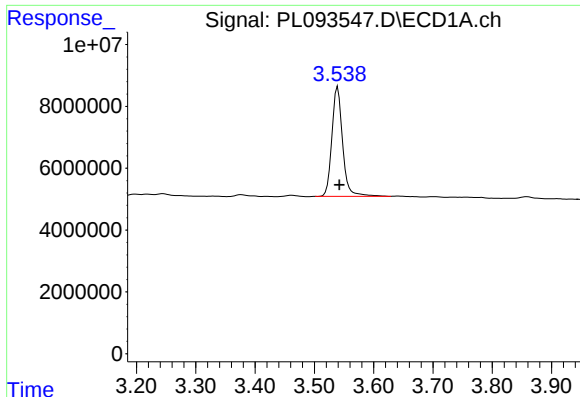
Reviewed By :Abdul Mirza 12/30/2024

Supervised By :Ankita Jodhani 12/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 28 00:59:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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.: 3.539 min
Delta R.T.: -0.003 min
Response: 44568540
Conc: 18.00 ng/ml

Instrument :

ECD_L

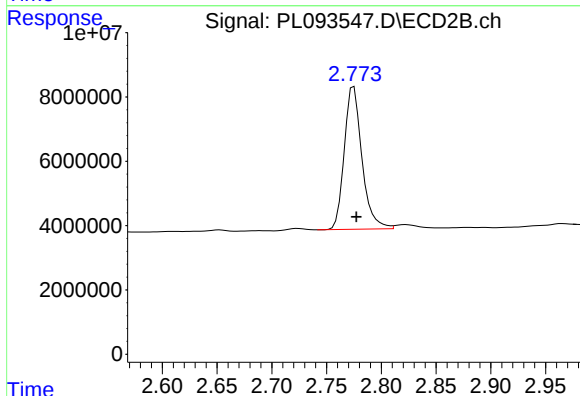
ClientSampleId :

PB165895BS

Manual Integrations

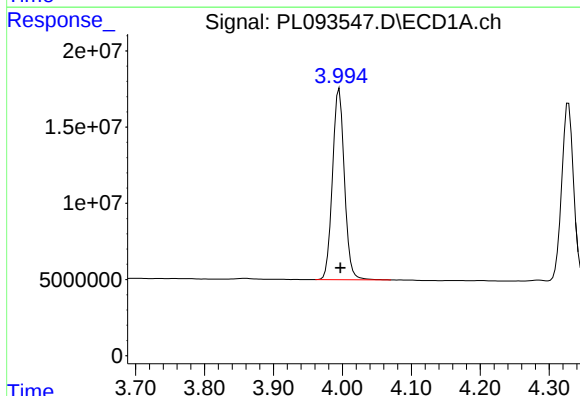
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



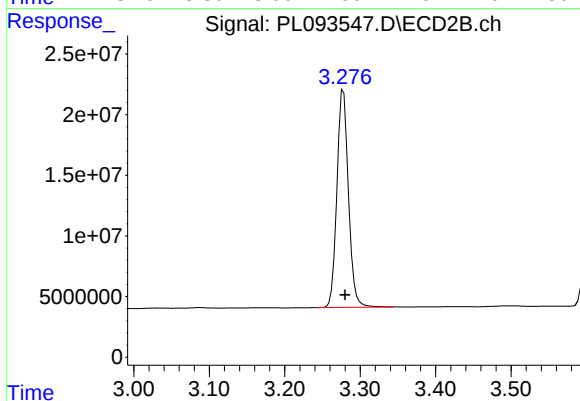
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 49861524
Conc: 17.13 ng/ml



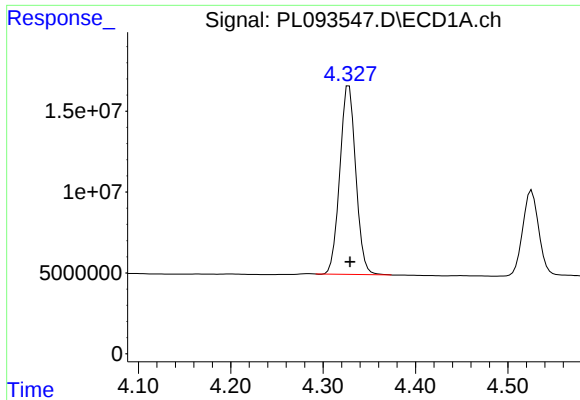
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 150370359
Conc: 43.56 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 190908500
Conc: 43.92 ng/ml



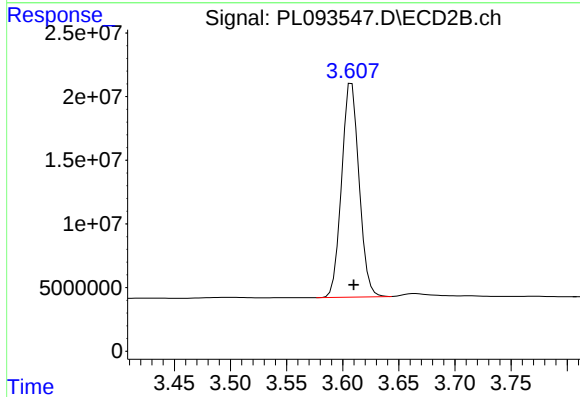
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 140010414
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

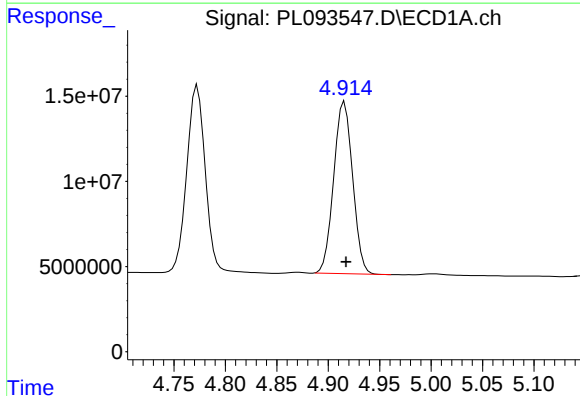
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



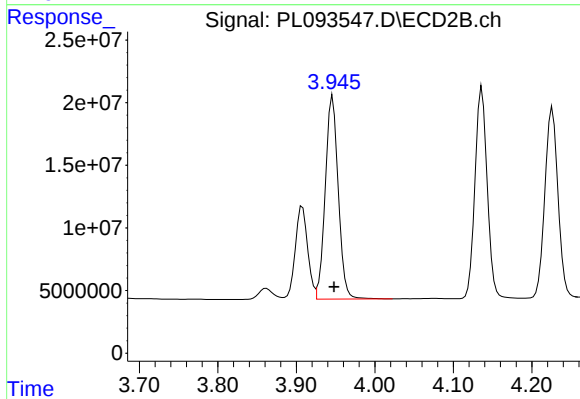
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: -0.002 min
Response: 181693790
Conc: 43.06 ng/ml



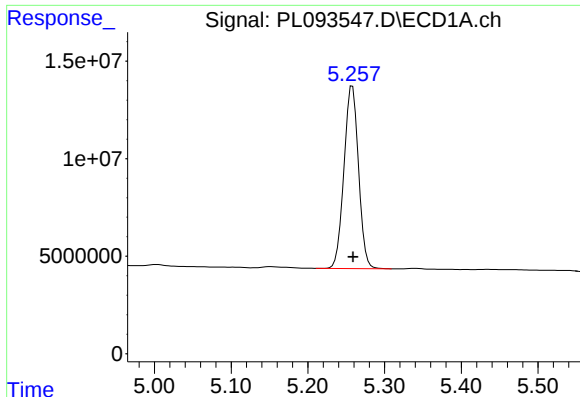
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 129228291
Conc: 44.13 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 186061746
Conc: 44.77 ng/ml



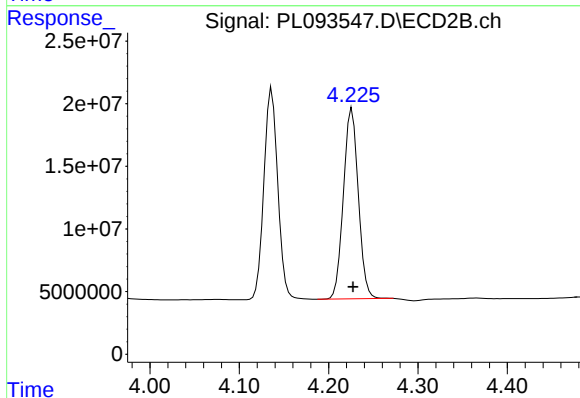
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 123684714
Conc: 42.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

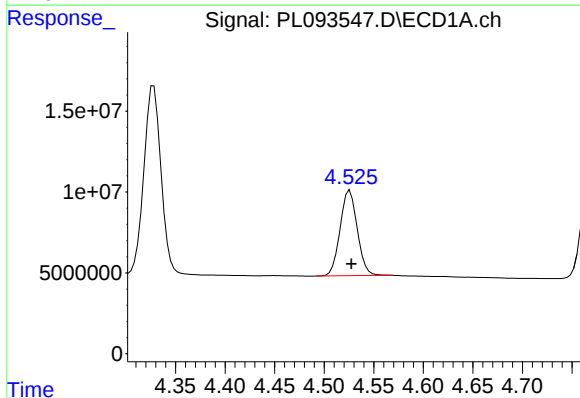
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



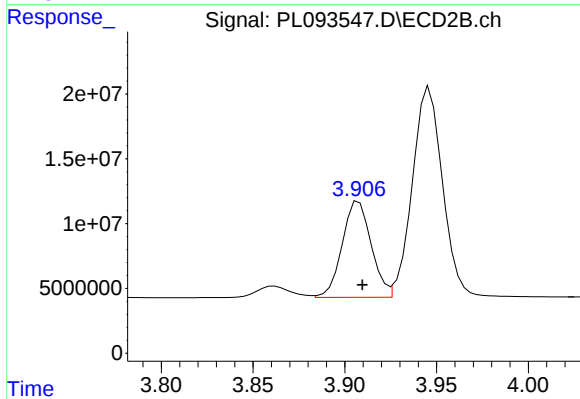
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.001 min
Response: 175987498
Conc: 42.90 ng/ml



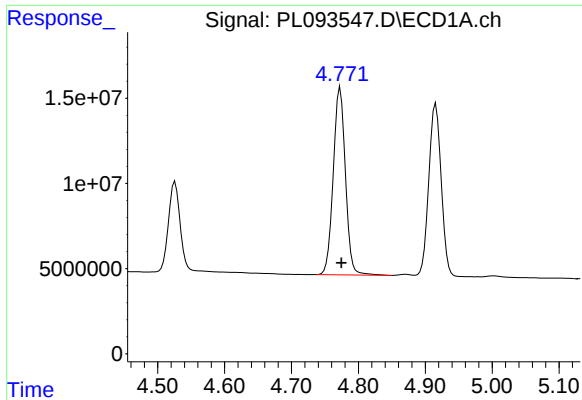
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 63733636
Conc: 44.21 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 81661271
Conc: 45.43 ng/ml



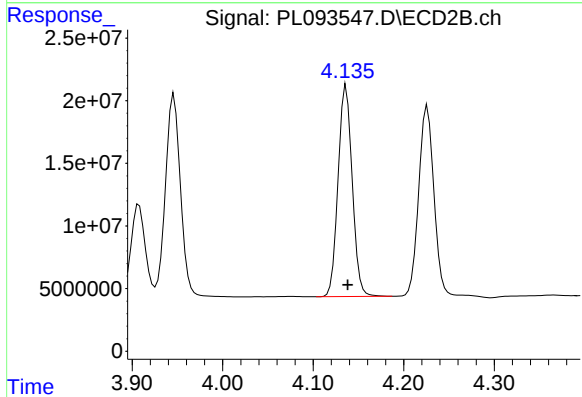
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 138743727
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

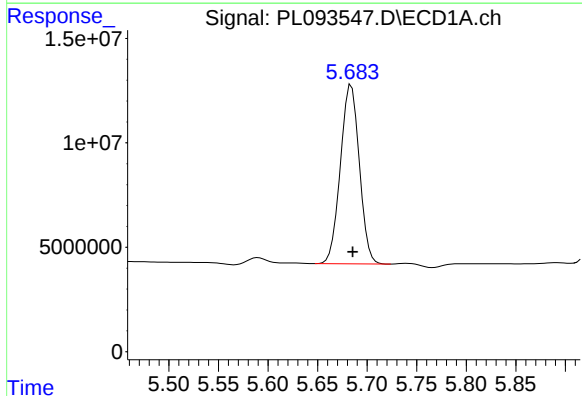
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



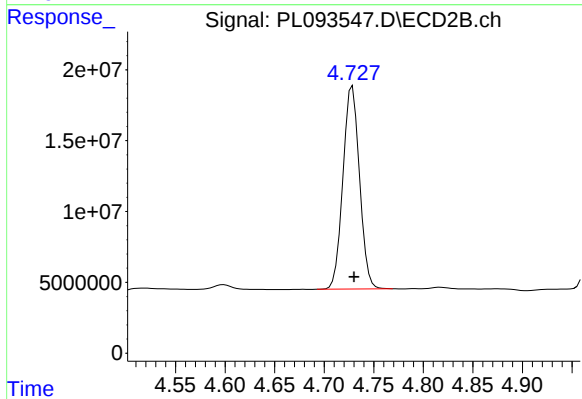
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 182540901
Conc: 43.17 ng/ml



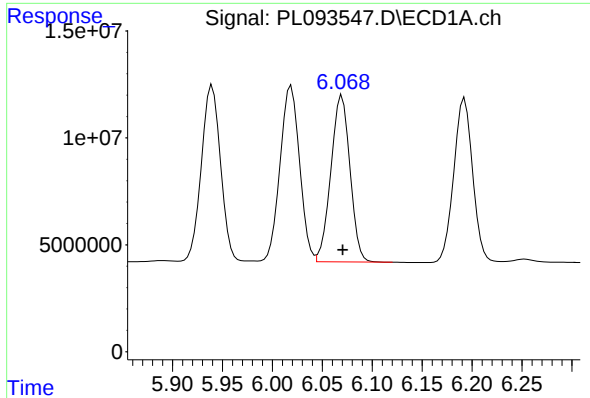
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 114122727
Conc: 43.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 166501799
Conc: 43.49 ng/ml



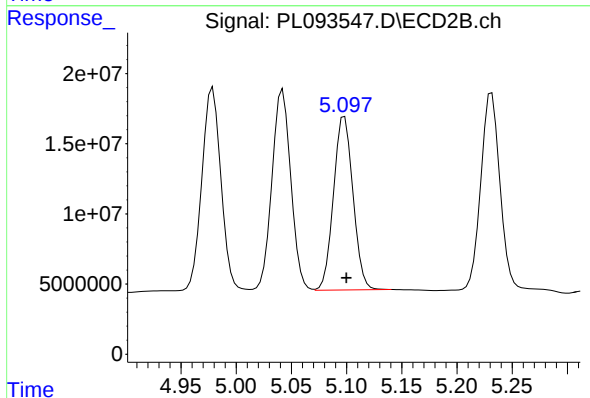
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 103765798
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

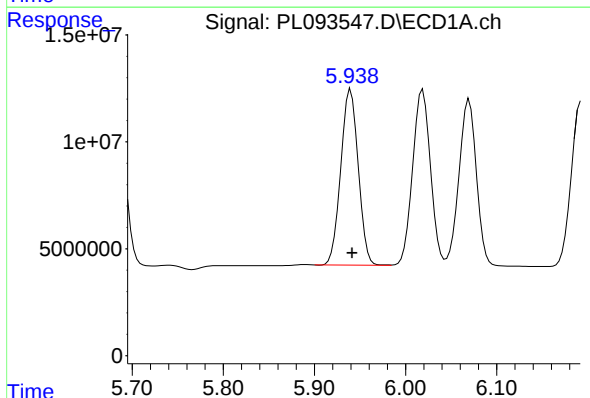
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



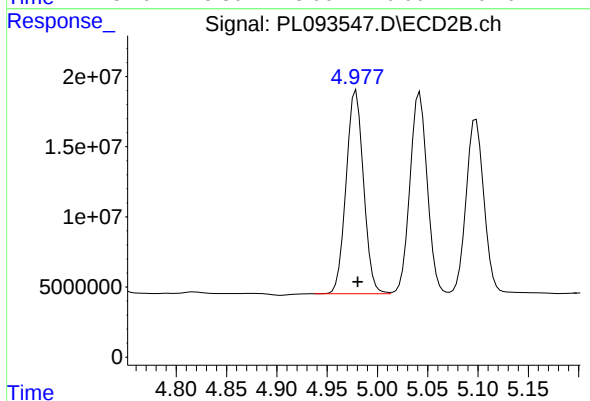
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 151767723
Conc: 43.44 ng/ml



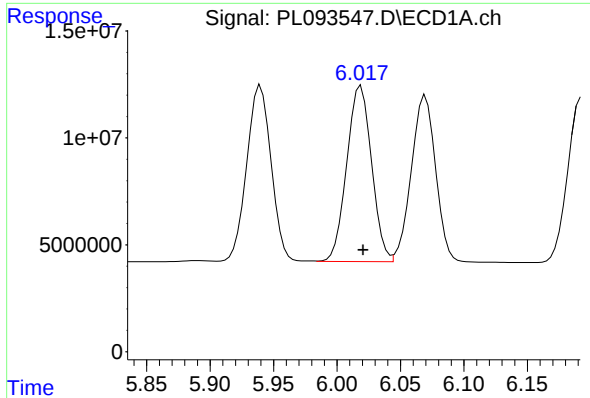
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 109662607
Conc: 43.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 174431545
Conc: 45.27 ng/ml m



#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 111981824
Conc: 44.74 ng/ml

Instrument :

ECD_L

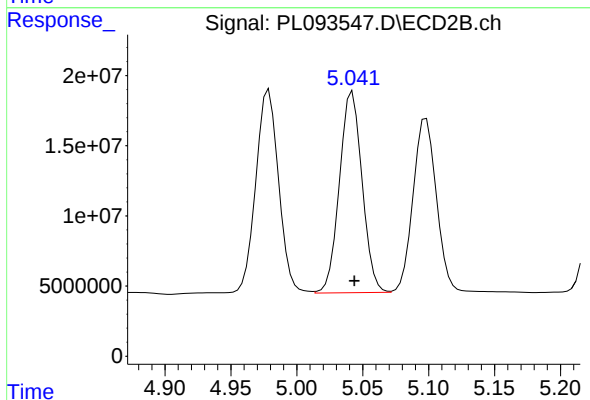
ClientSampleId :

PB165895BS

Manual Integrations

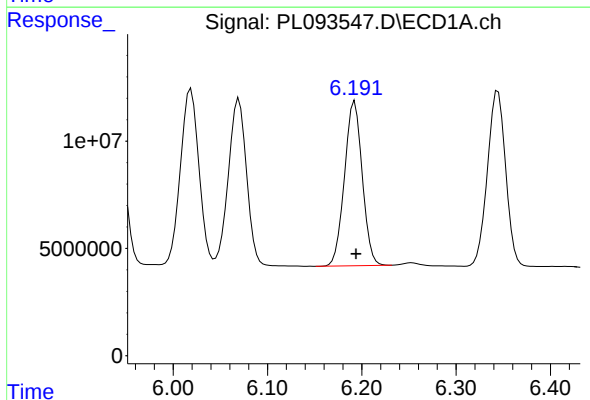
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



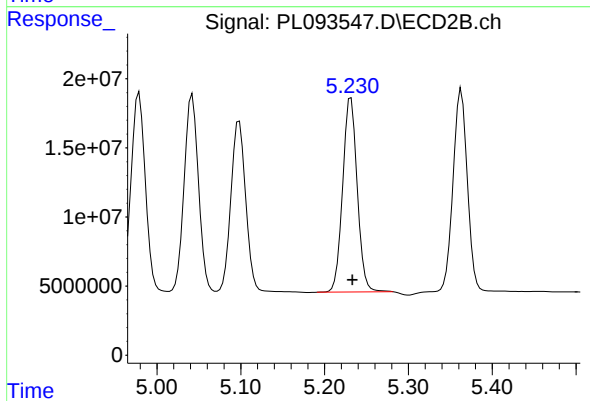
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 171182226
Conc: 44.96 ng/ml



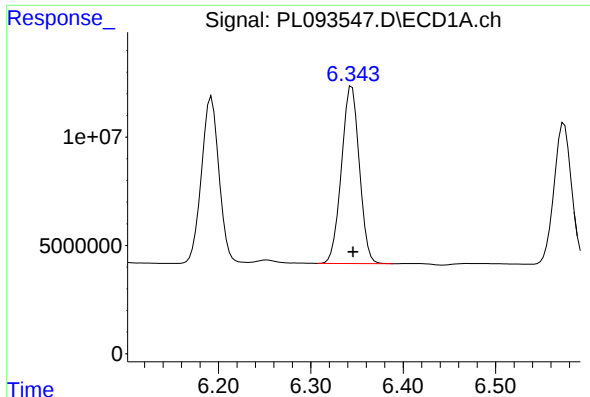
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 100400825
Conc: 44.74 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 169921893
Conc: 46.21 ng/ml



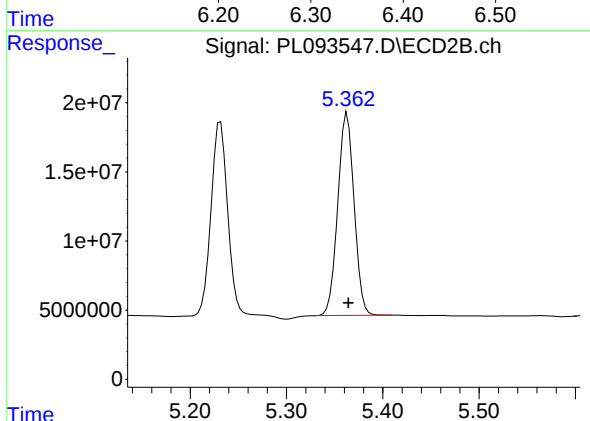
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 109913010
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

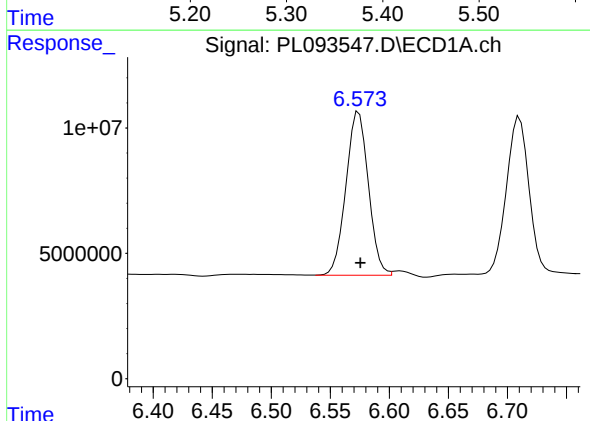
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



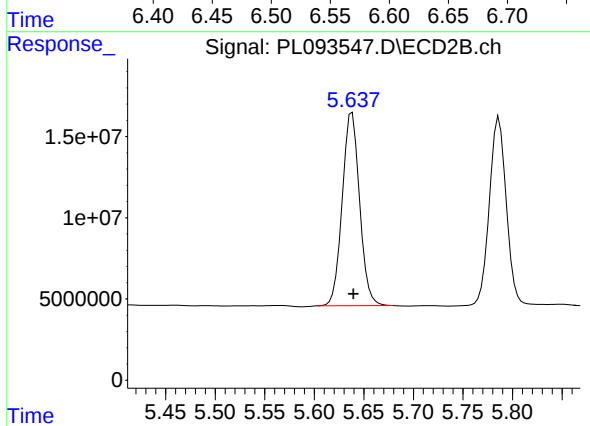
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 172592429
Conc: 44.78 ng/ml



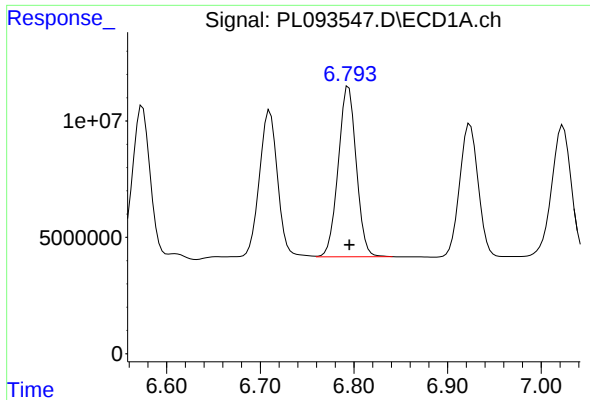
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 86730230
Conc: 40.29 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.001 min
Response: 144992129
Conc: 43.83 ng/ml



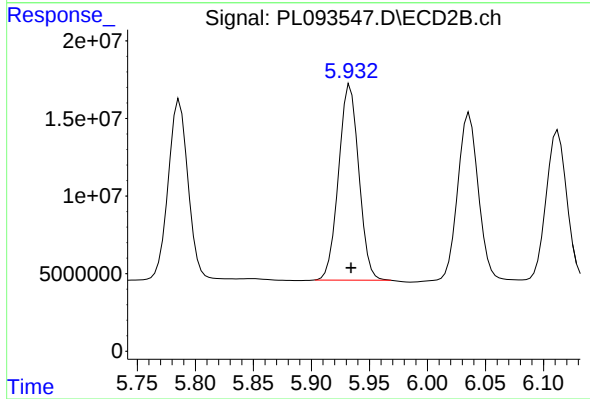
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 98165664
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

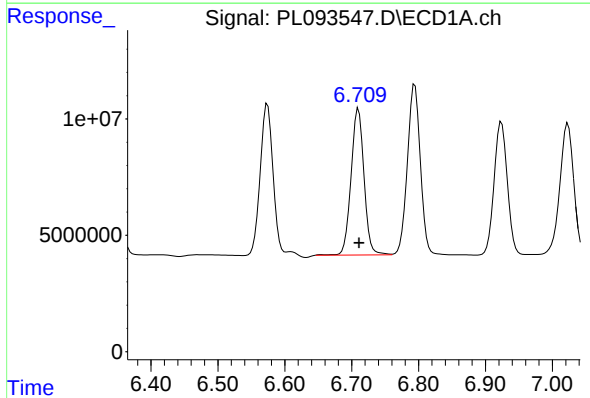
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



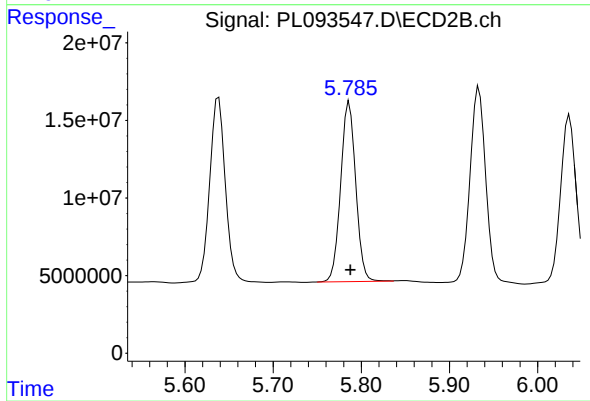
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 153310313
Conc: 47.19 ng/ml



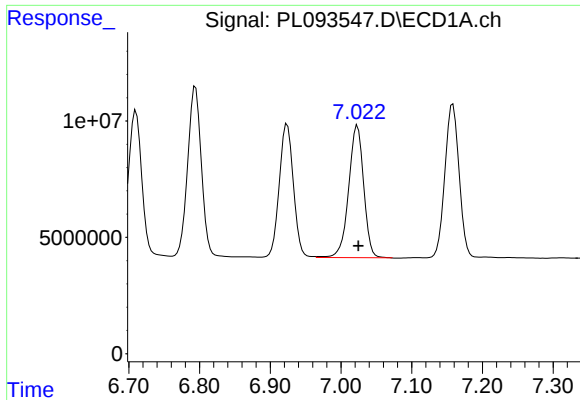
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 85126968
Conc: 48.48 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.001 min
Response: 137436274
Conc: 48.56 ng/ml



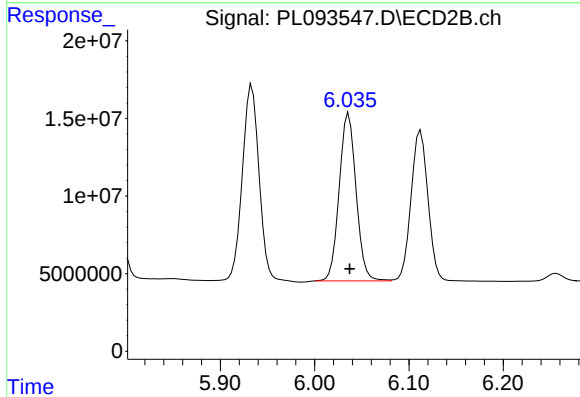
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 84026546
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

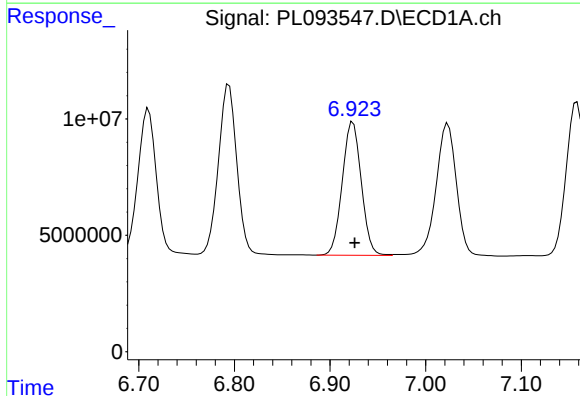
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



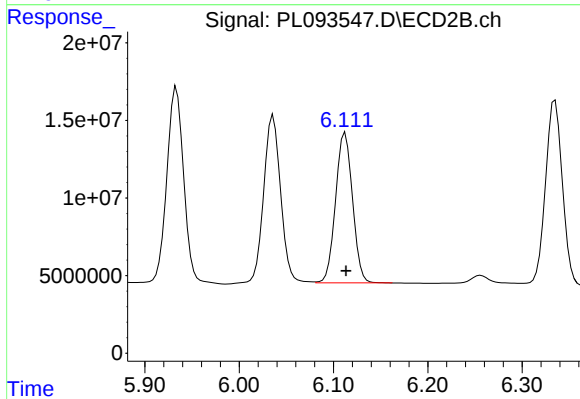
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 134798270
Conc: 44.63 ng/ml



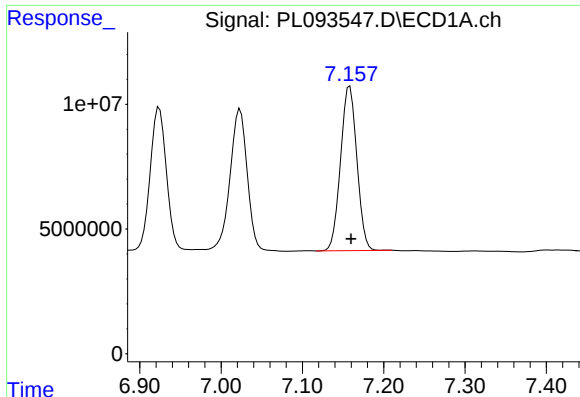
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 79442821
Conc: 44.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 120993274
Conc: 44.93 ng/ml



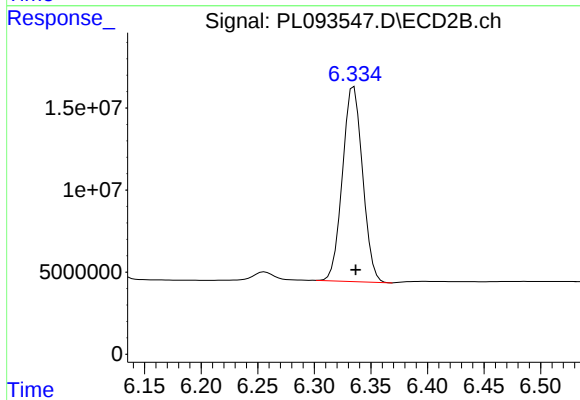
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 91605377
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

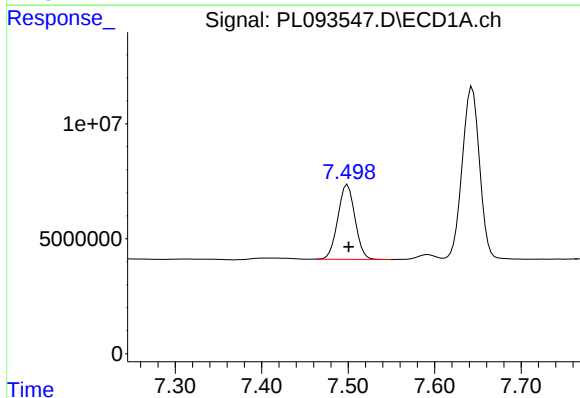
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



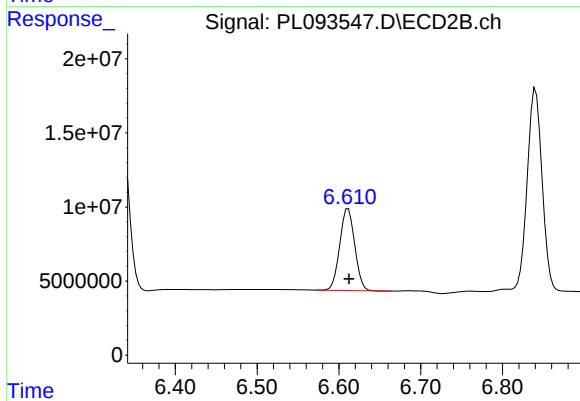
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.002 min
Response: 146902447
Conc: 46.57 ng/ml



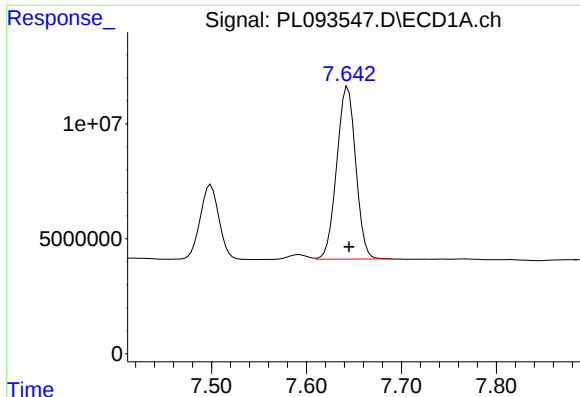
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.001 min
Response: 44413299
Conc: 44.43 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 70237256
Conc: 43.64 ng/ml



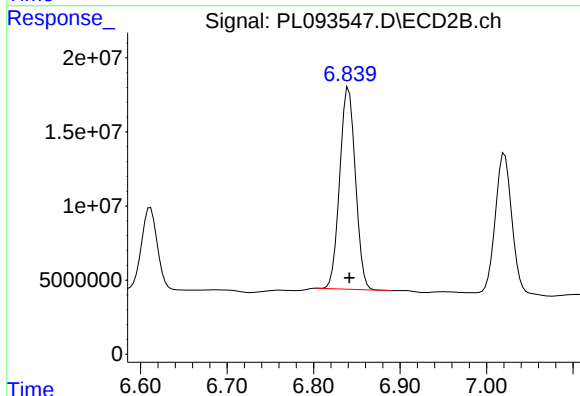
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 104532307
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

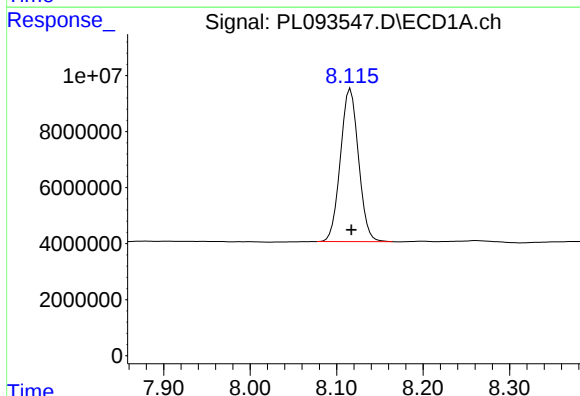
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



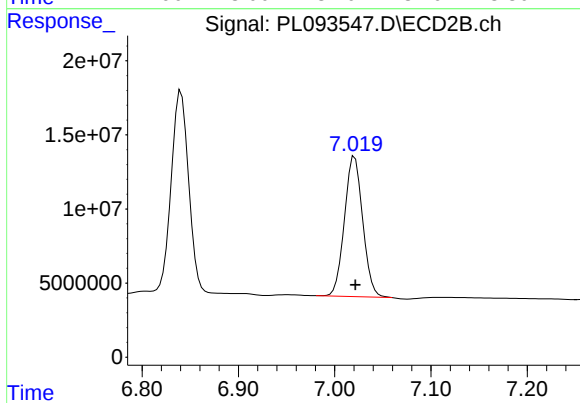
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.001 min
Response: 170325792
Conc: 46.79 ng/ml



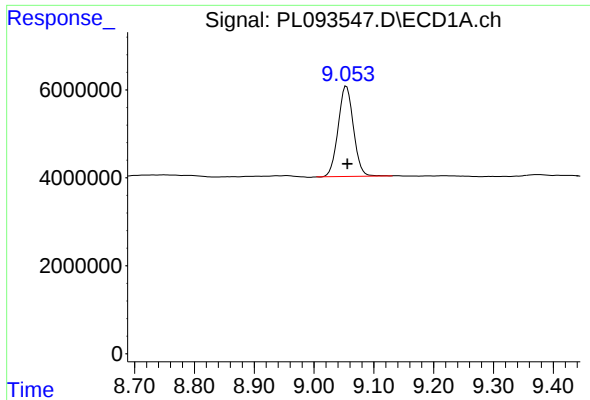
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 78866509
Conc: 42.20 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 124239639
Conc: 40.65 ng/ml



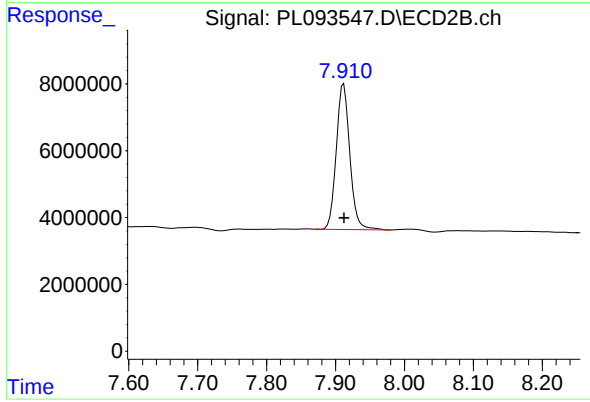
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 36539783
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165895BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/30/2024
Supervised By :Ankita Jodhani 12/30/2024



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 59422474
Conc: 19.90 ng/ml