

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
 Data File : PL092251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2024 18:21
 Operator : AR\AJ
 Sample : PB163904BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163904BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:43:19 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...	3.543	2.781	40794446	46859414	18.337	18.683
28) SA Decachlor...	9.057	7.920	31313493	40230989	19.114	16.080
Target Compounds						
2) A alpha-BHC	3.998	3.284	157.4E6	204.6E6	50.821	56.147
3) MA gamma-BHC...	4.331	3.614	149.4E6	192.8E6	48.202	54.607
4) MA Heptachlor	4.919	3.953	133.4E6	185.7E6	48.237	53.811
5) MB Aldrin	5.261	4.231	130.1E6	181.8E6	46.838	53.464m
6) B beta-BHC	4.528	3.913	66936646	83595687	50.466	55.616
7) B delta-BHC	4.775	4.142	139.4E6	190.1E6	48.317	54.766
8) B Heptachlo...	5.687	4.735	121.2E6	165.0E6	47.637	54.592
9) A Endosulfan I	6.073	5.105	112.6E6	149.3E6	48.672	54.388
10) B gamma-Chl...	5.942	4.985	121.0E6	165.3E6	48.951m	54.928
11) B alpha-Chl...	6.022	5.049	121.6E6	162.4E6	49.365	54.266
12) B 4,4'-DDE	6.196	5.238	108.7E6	156.6E6	50.218	56.362
13) MA Dieldrin	6.348	5.369	118.0E6	161.2E6	48.390	54.986
14) MA Endrin	6.576	5.645	88289631	124.7E6	42.845m	47.564
15) B Endosulfa...	6.797	5.940	105.2E6	133.4E6	47.807	53.316
16) A 4,4'-DDD	6.712	5.793	95147566	129.1E6	52.986m	60.436
17) MA 4,4'-DDT	7.027	6.043	83362306	106.1E6	45.276	45.876
18) B Endrin al...	6.927	6.119	83691954	103.8E6	48.023	50.887
19) B Endosulfa...	7.161	6.342	94703779	126.1E6	47.775	52.250
20) A Methoxychlor	7.502	6.618	43384083	56537947	44.192	45.218
21) B Endrin ke...	7.646	6.847	112.2E6	148.0E6	51.051	53.441
22) Mirex	8.120	7.028	80377034	114.4E6	44.629	47.015

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
Data File : PL092251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2024 18:21
Operator : AR\AJ
Sample : PB163904BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163904BS

Manual Integrations

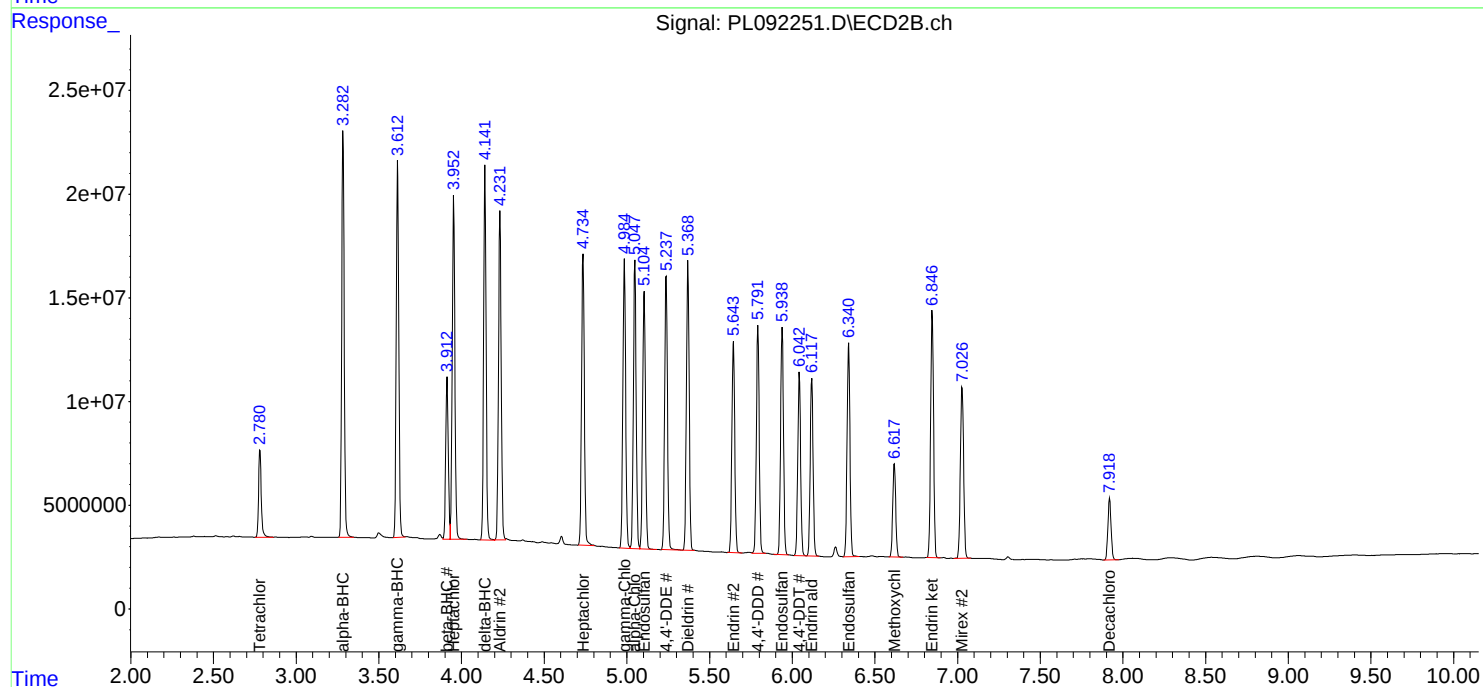
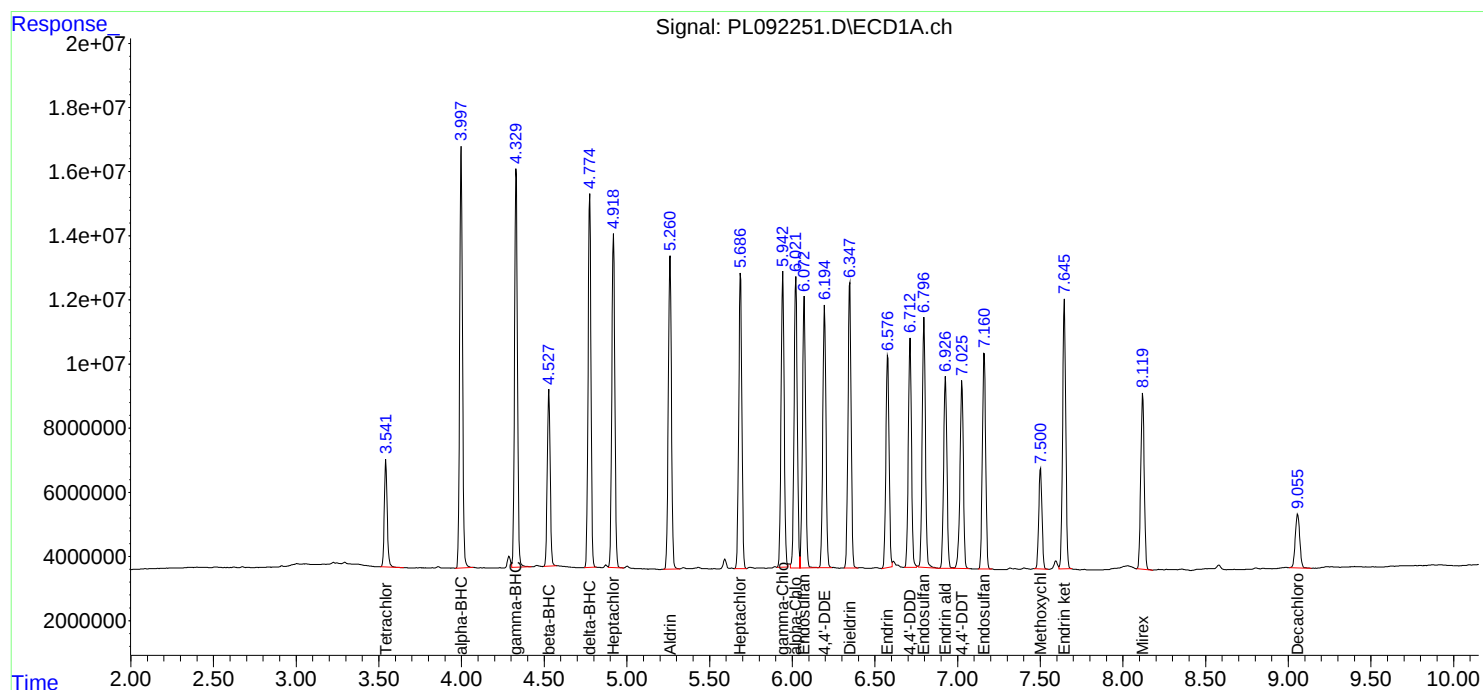
APPROVED

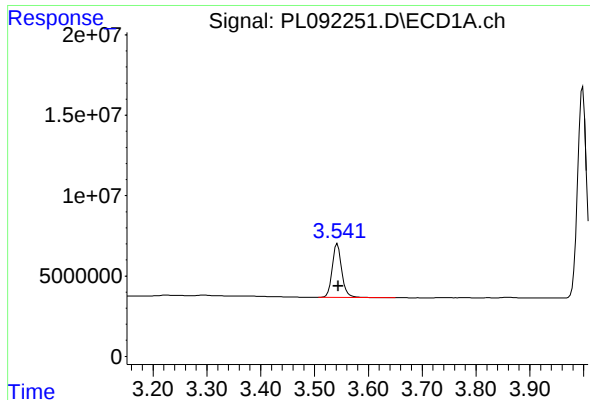
Reviewed By :Abdul Mirza 10/07/2024

Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:43:19 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





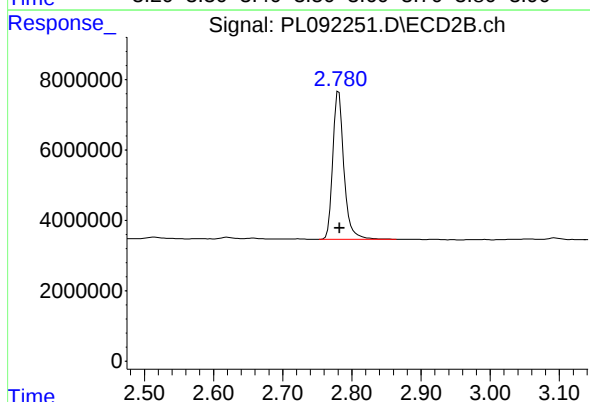
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 40794446
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

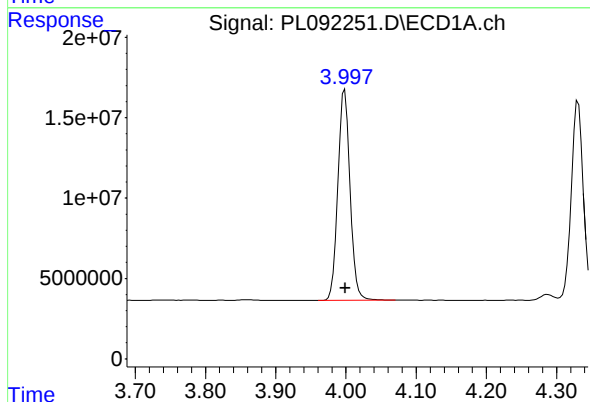
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



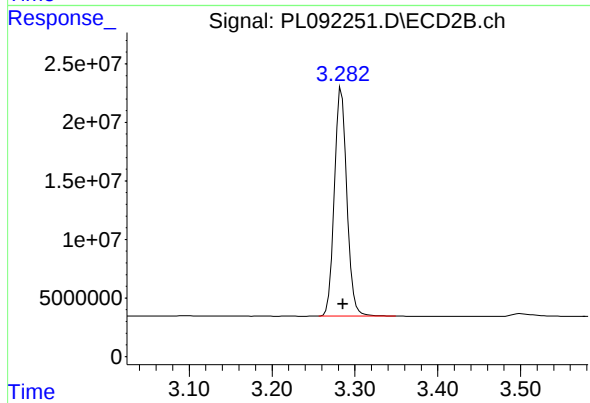
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 46859414
Conc: 18.68 ng/ml



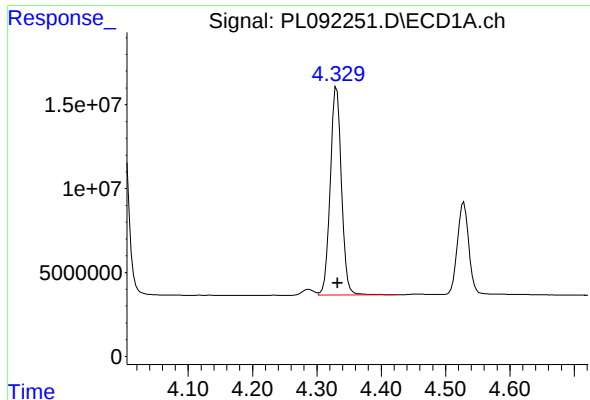
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 157368603
Conc: 50.82 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 204563533
Conc: 56.15 ng/ml



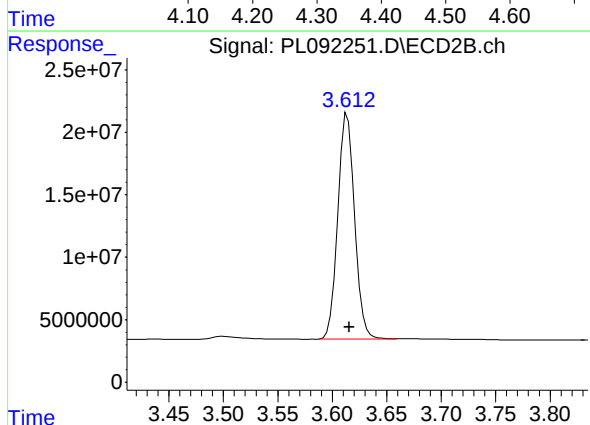
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 149368575
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

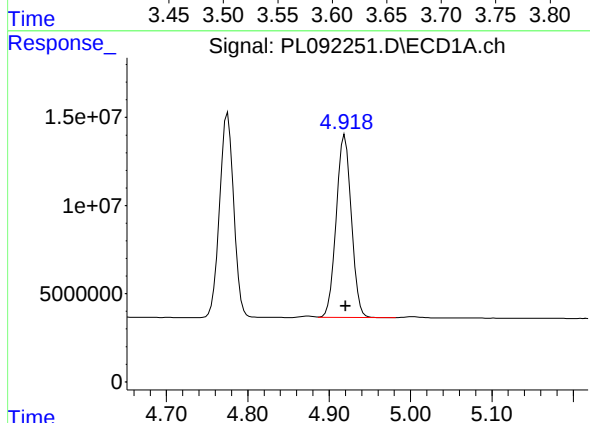
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



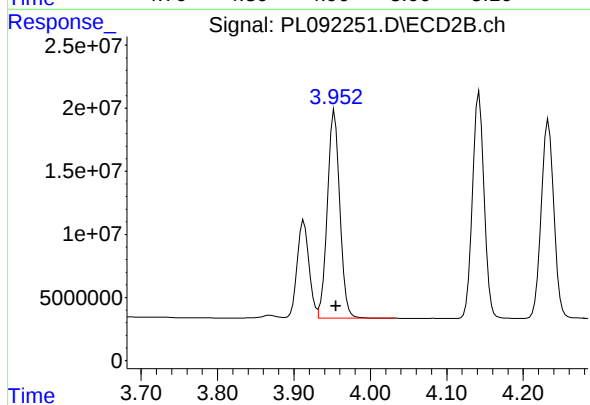
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 192817001
Conc: 54.61 ng/ml



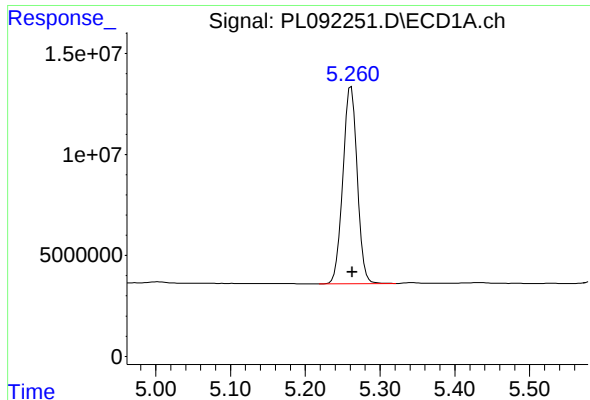
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 133397094
Conc: 48.24 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 185681099
Conc: 53.81 ng/ml



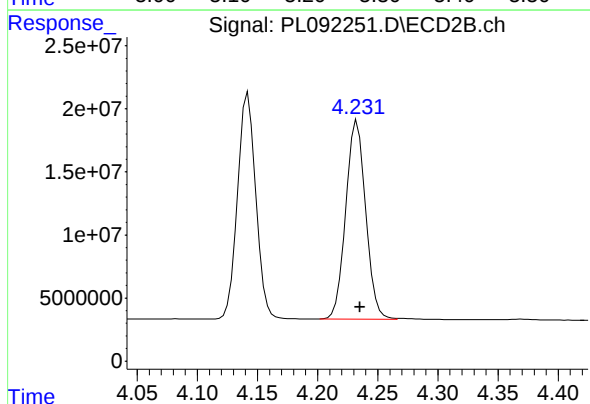
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 130097207
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

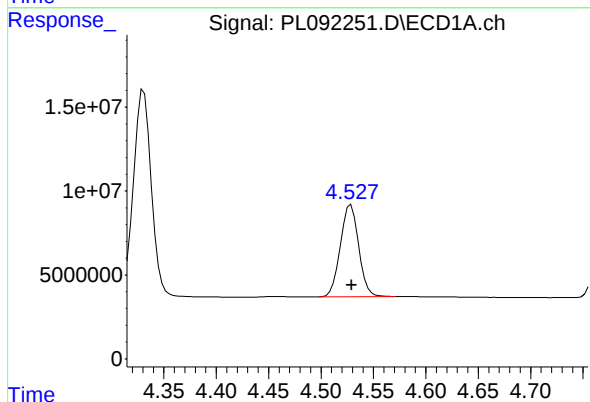
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



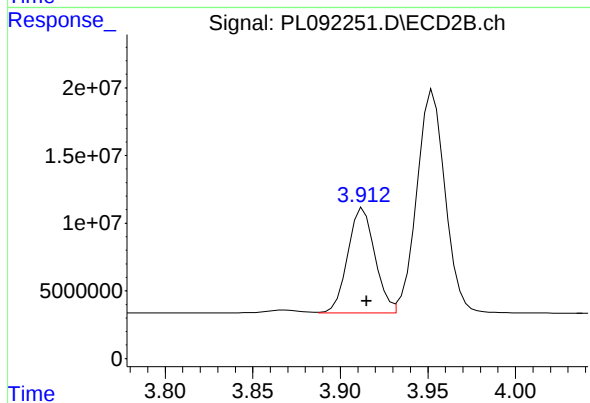
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 181836469
Conc: 53.46 ng/ml m



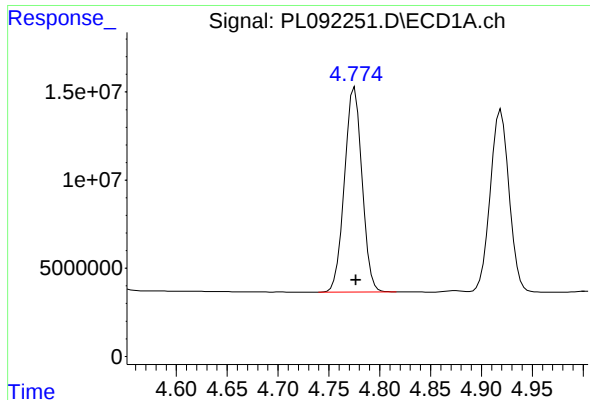
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 66936646
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 83595687
Conc: 55.62 ng/ml



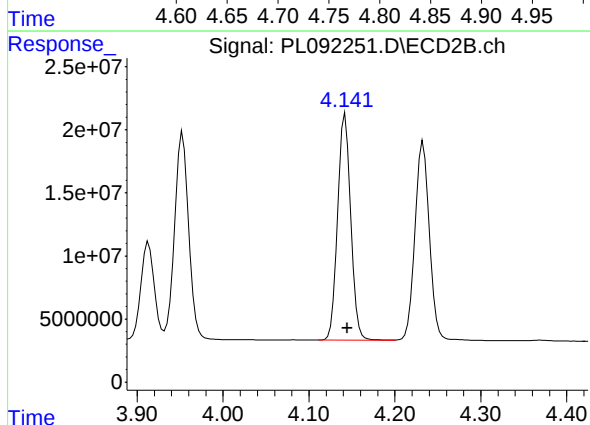
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 139357177
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

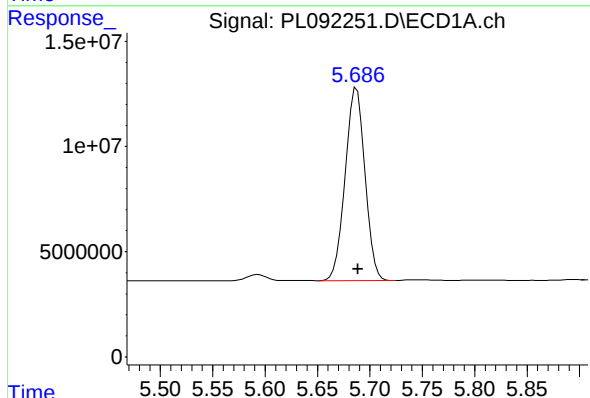
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



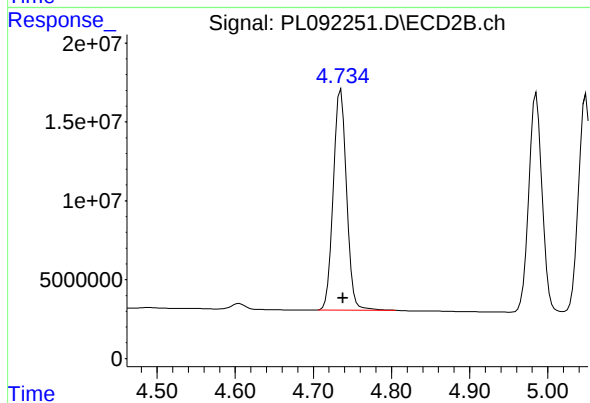
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 190131226
Conc: 54.77 ng/ml



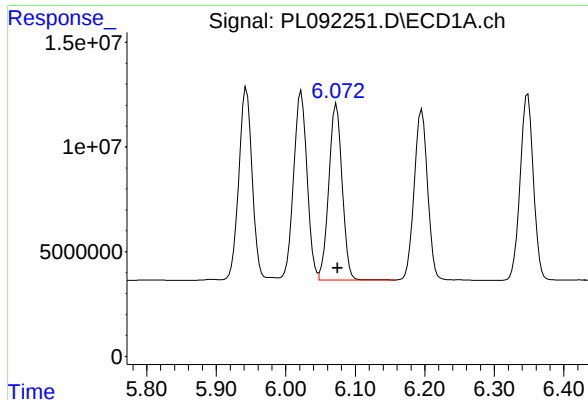
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 121237079
Conc: 47.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 165024192
Conc: 54.59 ng/ml



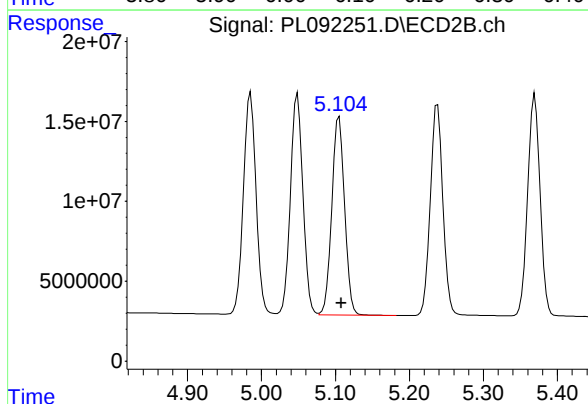
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 112596785
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

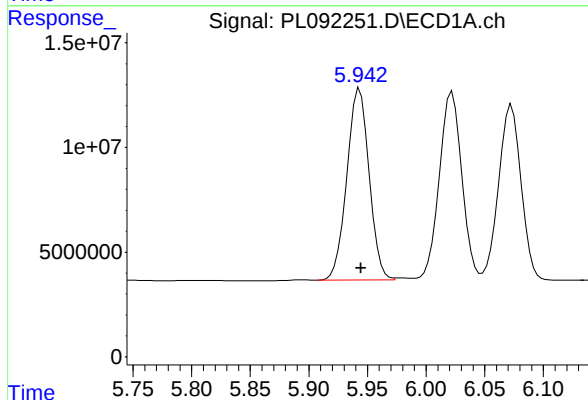
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



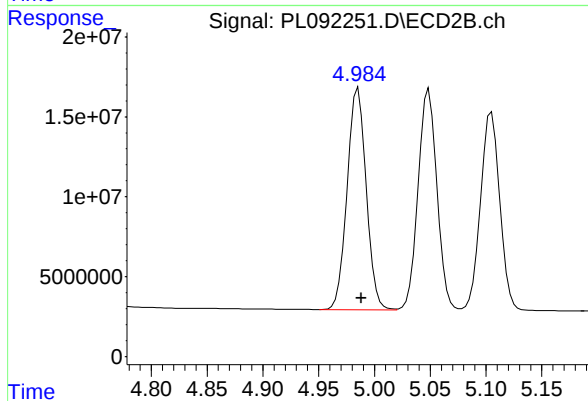
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 149276651
Conc: 54.39 ng/ml



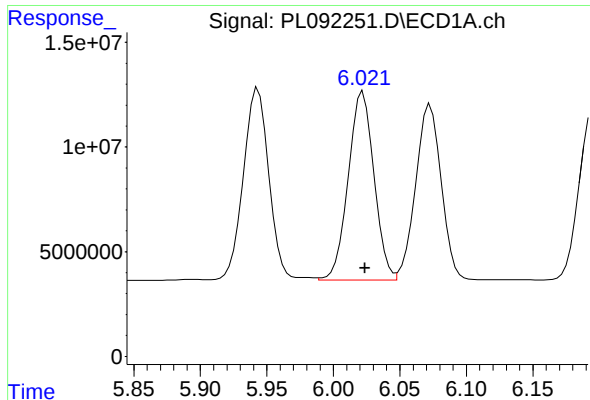
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 120968158
Conc: 48.95 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 165255317
Conc: 54.93 ng/ml



#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 121601985
Conc: 49.36 ng/ml

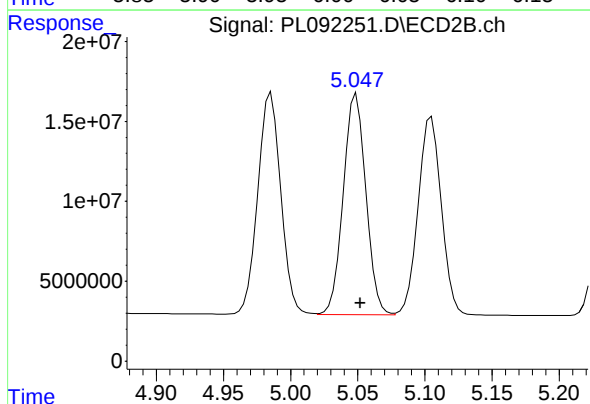
Instrument :

ECD_L

ClientSampleId :
PB163904BS

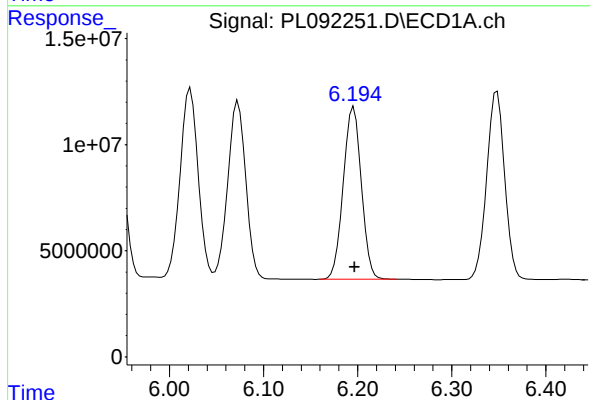
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



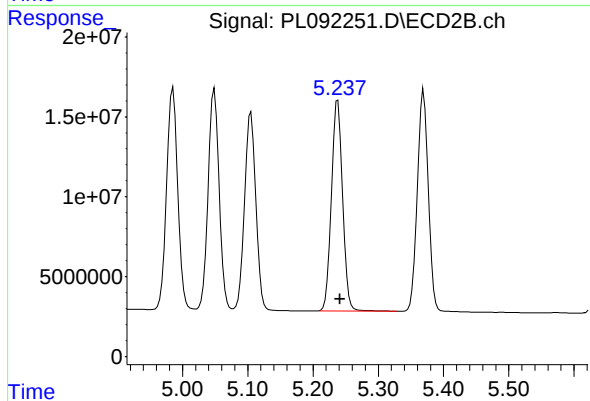
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 162446183
Conc: 54.27 ng/ml



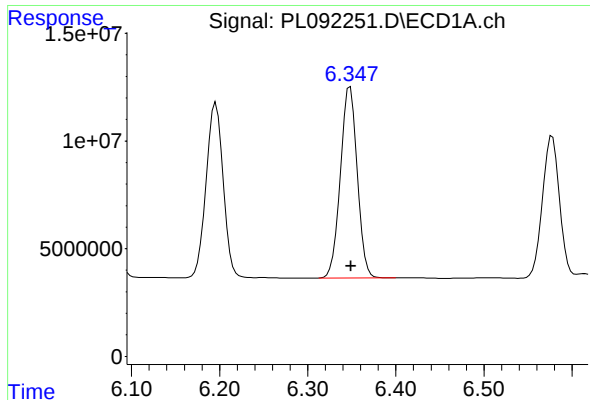
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 108693605
Conc: 50.22 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 156621846
Conc: 56.36 ng/ml



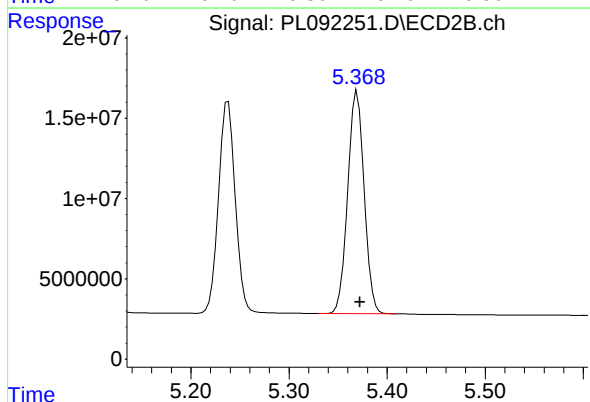
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 118015488
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

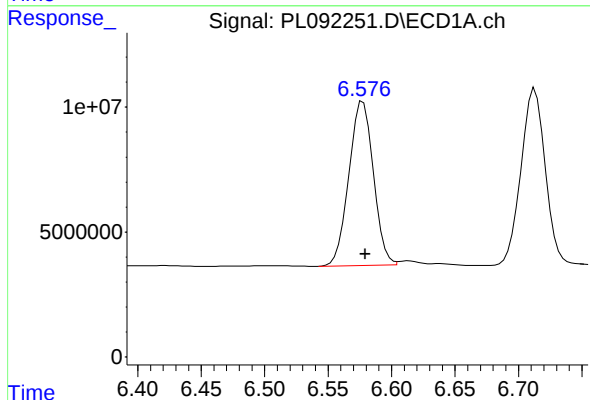
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



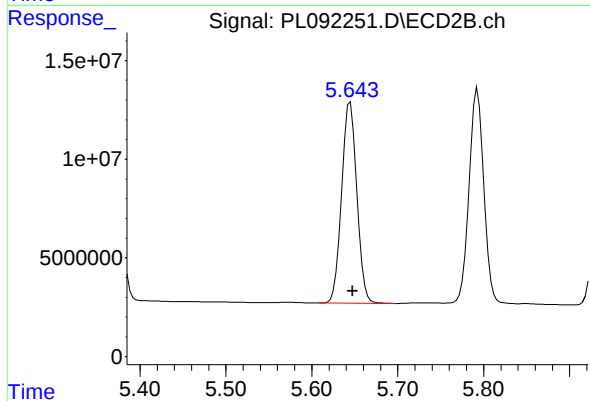
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 161209731
Conc: 54.99 ng/ml



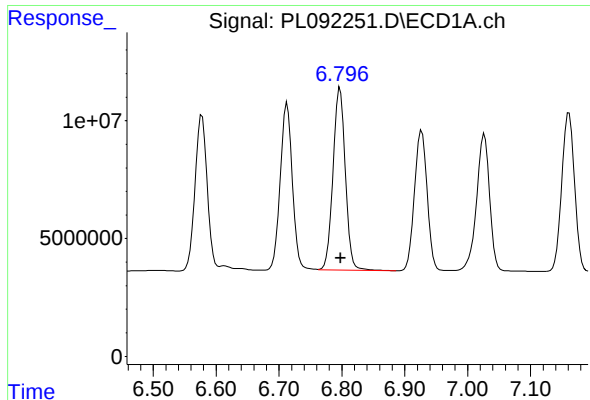
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 88289631
Conc: 42.84 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 124720357
Conc: 47.56 ng/ml



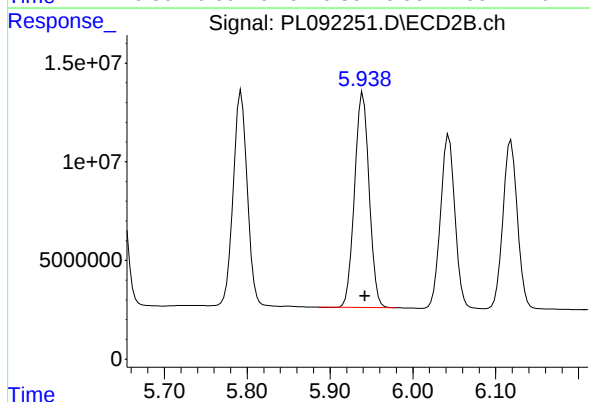
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 105162146
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

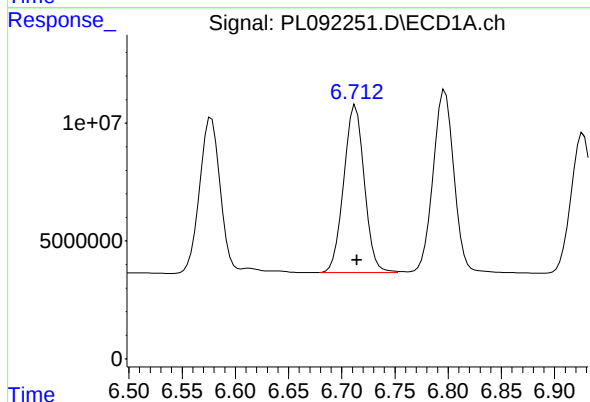
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



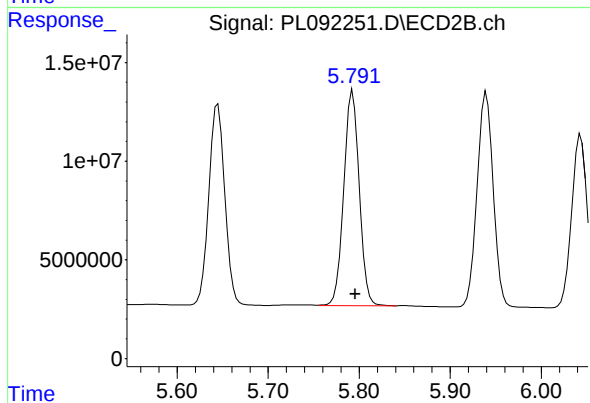
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 133419535
Conc: 53.32 ng/ml



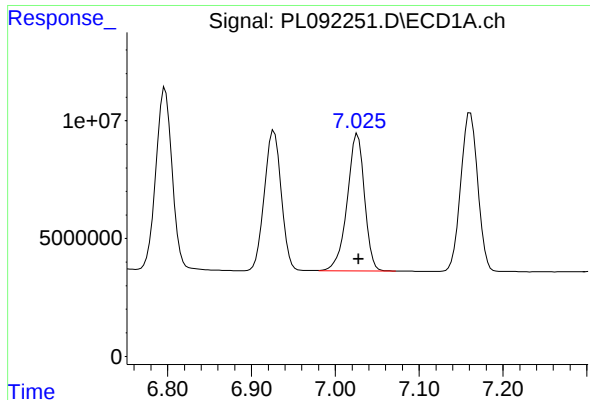
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.003 min
Response: 95147566
Conc: 52.99 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 129105439
Conc: 60.44 ng/ml



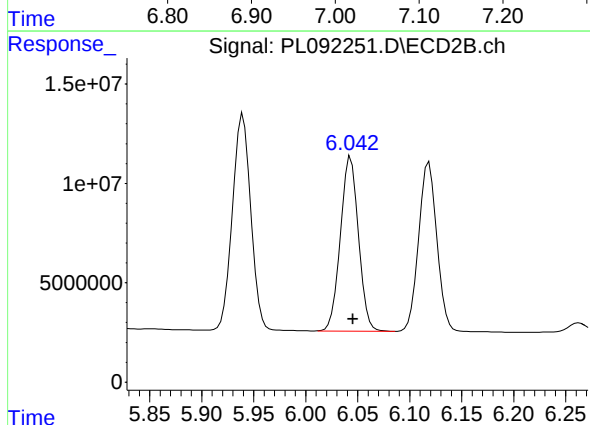
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 83362306
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

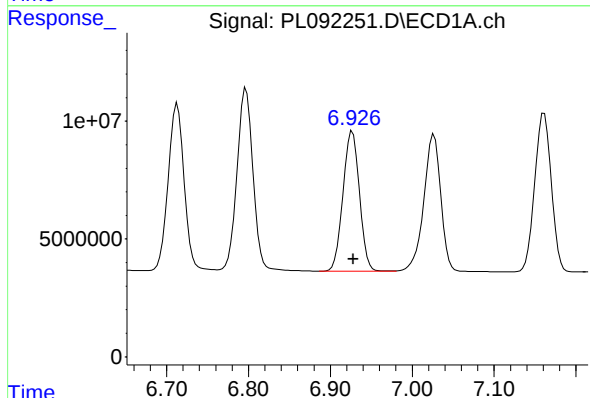
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



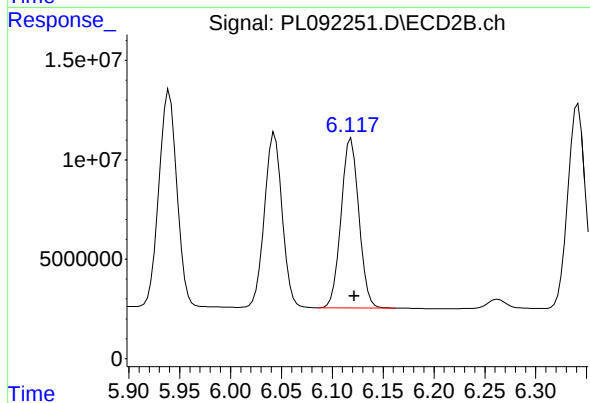
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 106119634
Conc: 45.88 ng/ml



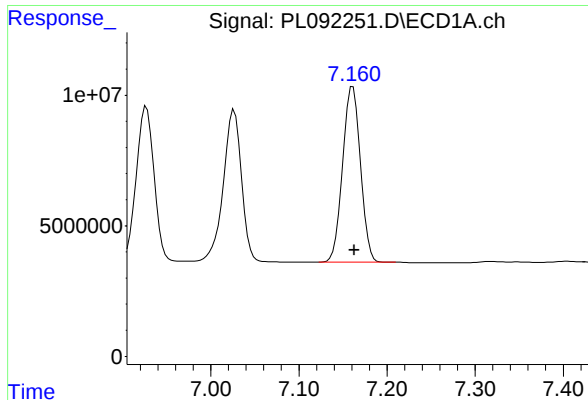
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 83691954
Conc: 48.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 103845920
Conc: 50.89 ng/ml



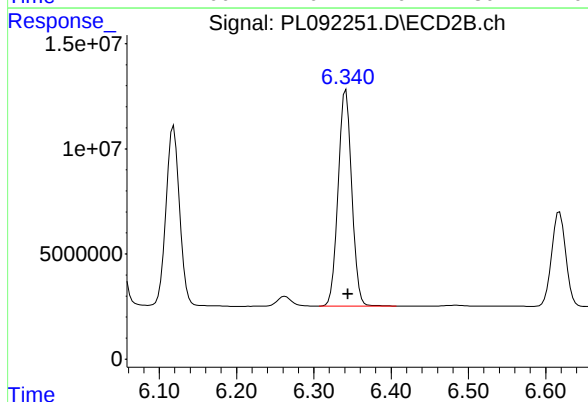
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 94703779
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

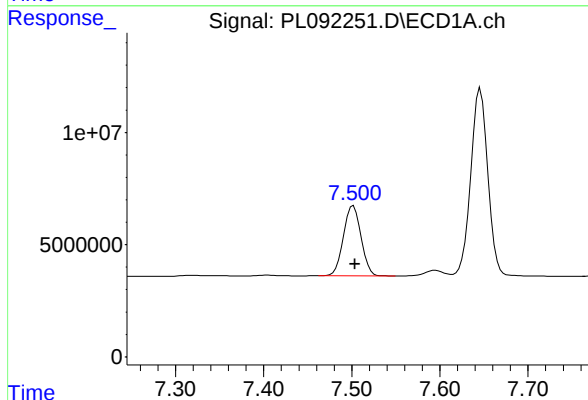
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



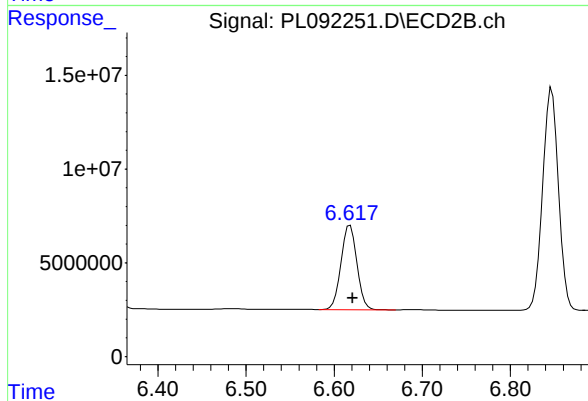
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 126053220
Conc: 52.25 ng/ml



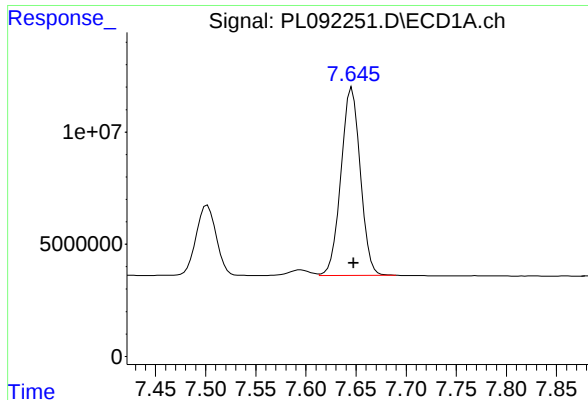
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 43384083
Conc: 44.19 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 56537947
Conc: 45.22 ng/ml



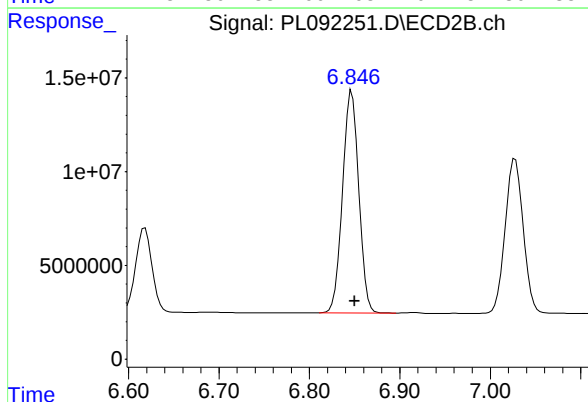
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 112187184
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

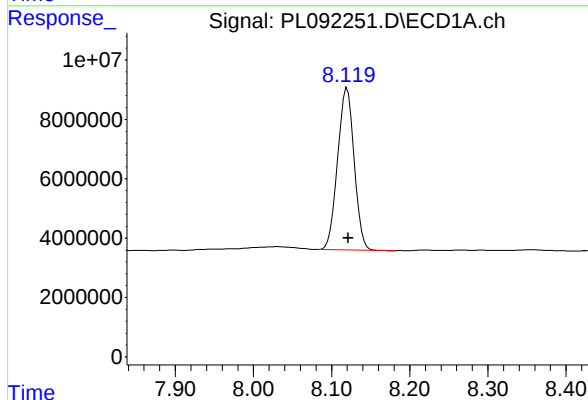
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



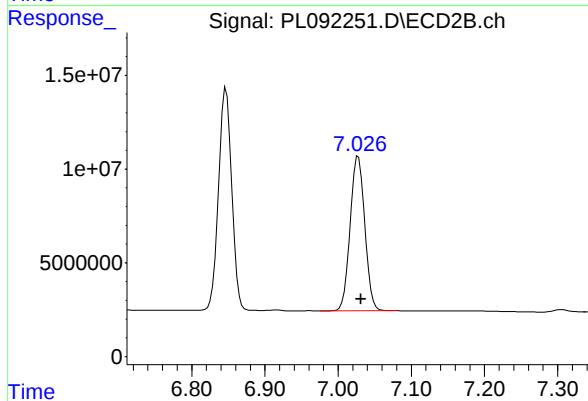
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 147975063
Conc: 53.44 ng/ml



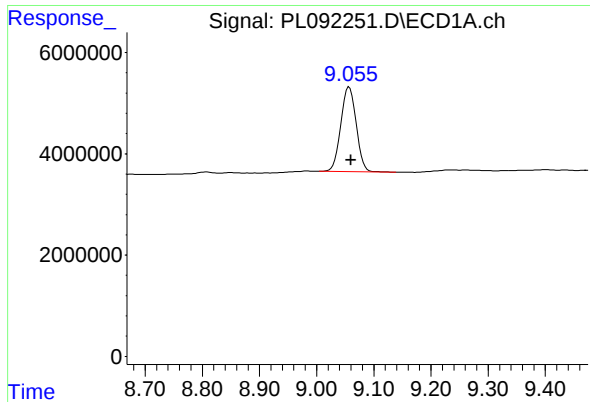
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 80377034
Conc: 44.63 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 114372377
Conc: 47.02 ng/ml



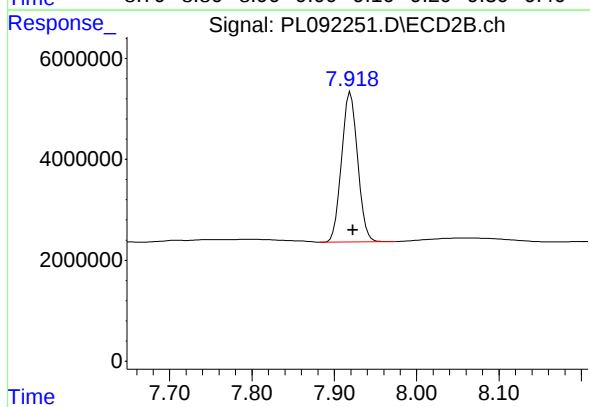
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 31313493
Conc: 19.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 40230989
Conc: 16.08 ng/ml