

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
 Data File : PL093148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Nov 2024 15:50
 Operator : AR\AJ
 Sample : P4860-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH2-BOT-007MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 23:08:05 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...	3.534	2.774	36909990	38702462	15.064m	14.223
28) SA Decachlor...	9.053	7.912	27957990	42945544	14.527	15.735
Target Compounds						
2) A alpha-BHC	3.992	3.277	156.3E6	186.4E6	46.076	46.710
3) MA gamma-BHC...	4.324	3.607	148.0E6	177.9E6	45.404	46.082
4) MA Heptachlor	4.913	3.946	140.2E6	186.1E6	46.698	49.322
5) MB Aldrin	5.255	4.225	131.3E6	175.0E6	43.741	47.803
6) B beta-BHC	4.523	3.907	66271382	80243137	45.848	48.743
7) B delta-BHC	4.770	4.136	117.7E6	150.0E6	37.618	39.035
8) B Heptachlo...	5.682	4.728	122.6E6	160.7E6	44.410	48.088
9) A Endosulfan I	6.067	5.098	111.1E6	135.1E6	44.405	44.253
10) B gamma-Chl...	5.938	4.977	123.3E6	167.0E6	46.333	49.676m
11) B alpha-Chl...	6.017	5.043	120.5E6	167.0E6	45.490	50.214
12) B 4,4'-DDE	6.190	5.231	109.4E6	168.7E6	46.165	52.351
13) MA Dieldrin	6.342	5.363	115.9E6	167.3E6	43.971	50.087
14) MA Endrin	6.571	5.638	101.9E6	156.2E6	44.739m	53.993
15) B Endosulfa...	6.791	5.933	108.0E6	140.0E6	45.320m	49.427
16) A 4,4'-DDD	6.707	5.786	89272736	131.7E6	46.508m	52.881
17) MA 4,4'-DDT	7.022	6.035	103.8E6	138.9E6	50.169	51.787m
18) B Endrin al...	6.920	6.112	77651355	105.5E6	41.348m	45.737
19) B Endosulfa...	7.157	6.335	91597503	126.8E6	42.204	47.022
20) A Methoxychlor	7.498	6.611	49288302	70014676	43.235	49.029
21) B Endrin ke...	7.642	6.841	106.5E6	144.9E6	43.941	47.217
22) Mirex	8.115	7.020	75442808	108.7E6	38.070	41.679

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111924\
Data File : PL093148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2024 15:50
Operator : AR\AJ
Sample : P4860-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

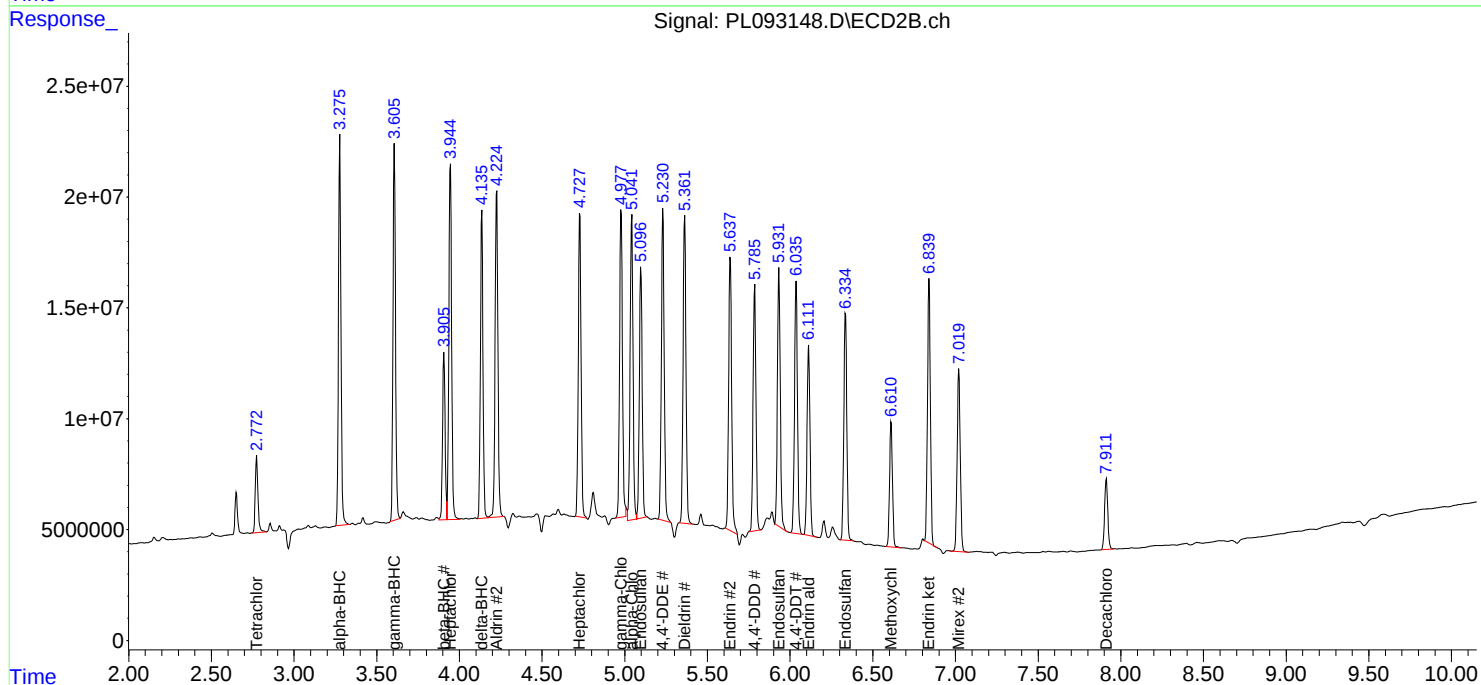
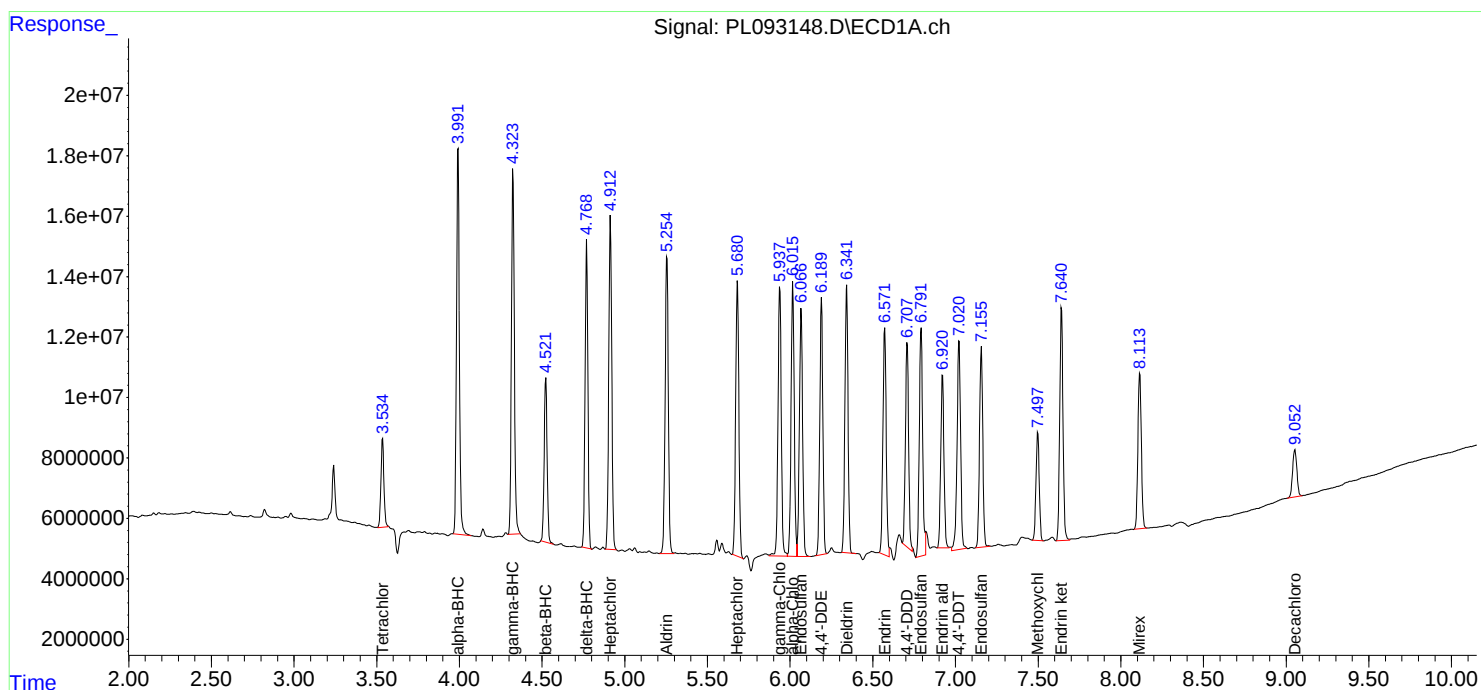
Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

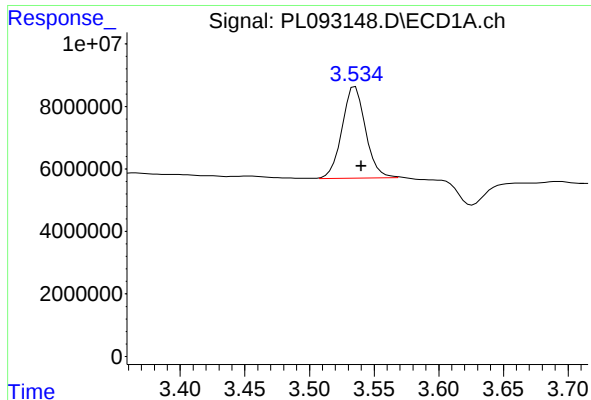
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 23:08:05 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





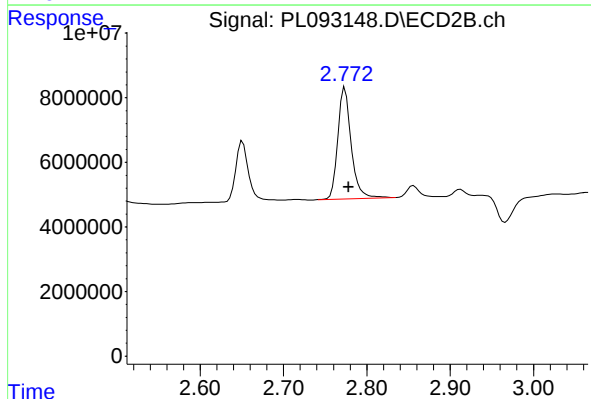
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.006 min
Response: 36909990
Conc: 15.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

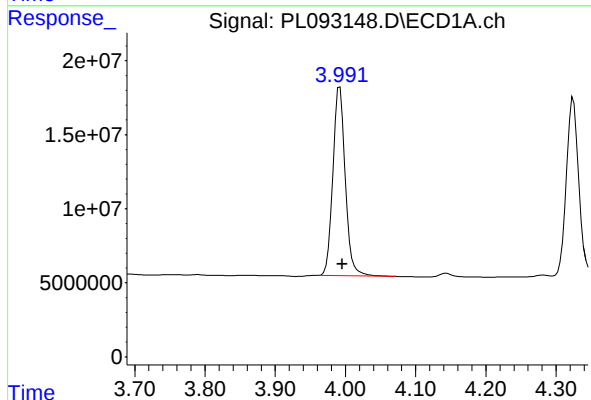
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



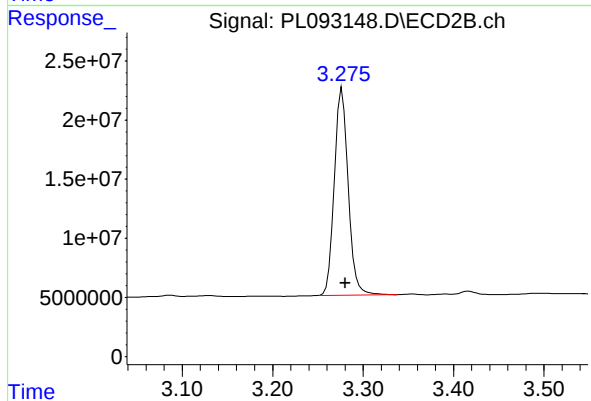
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 38702462
Conc: 14.22 ng/ml



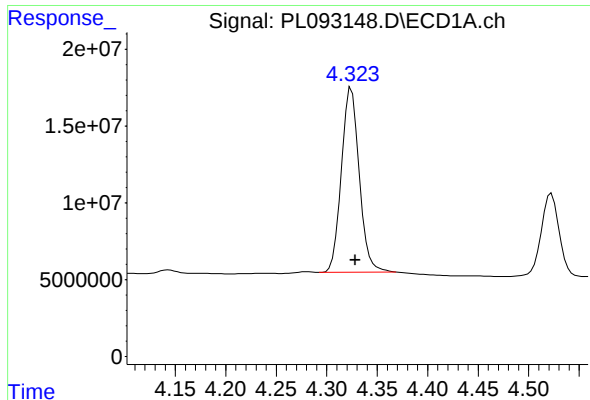
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 156270566
Conc: 46.08 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 186382063
Conc: 46.71 ng/ml



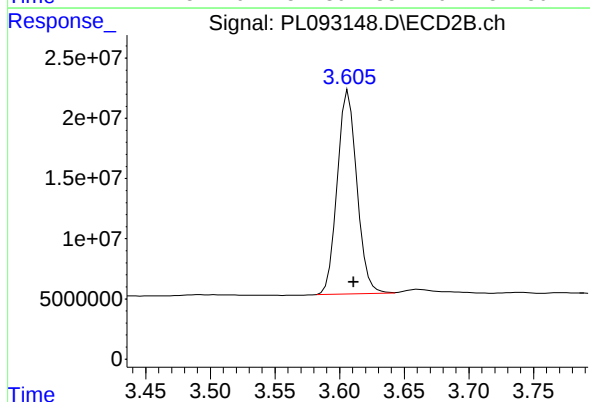
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.004 min
Response: 147997066
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

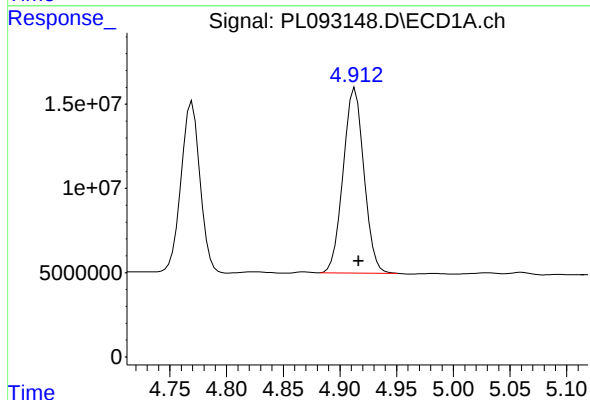
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



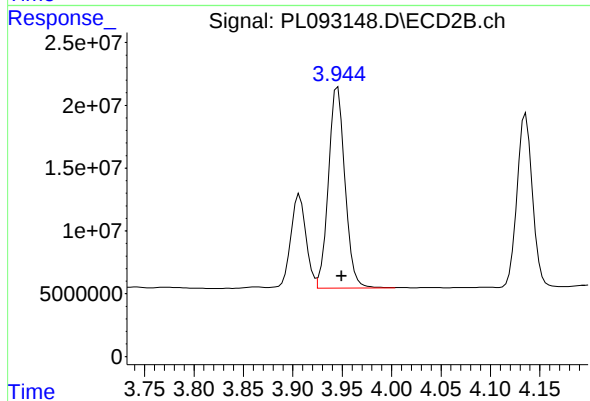
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 177852344
Conc: 46.08 ng/ml



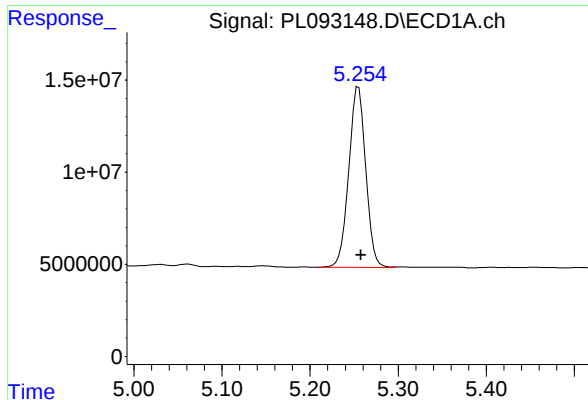
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 140238353
Conc: 46.70 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 186137345
Conc: 49.32 ng/ml



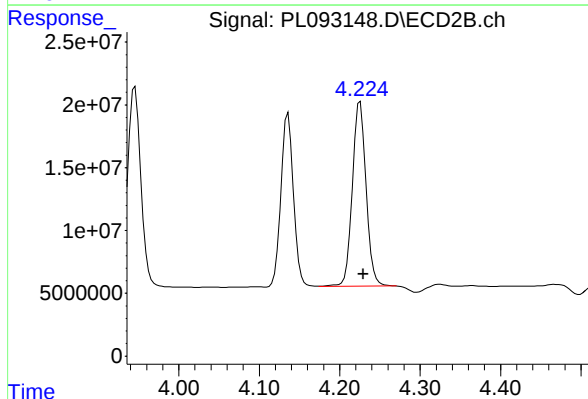
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 131287618
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

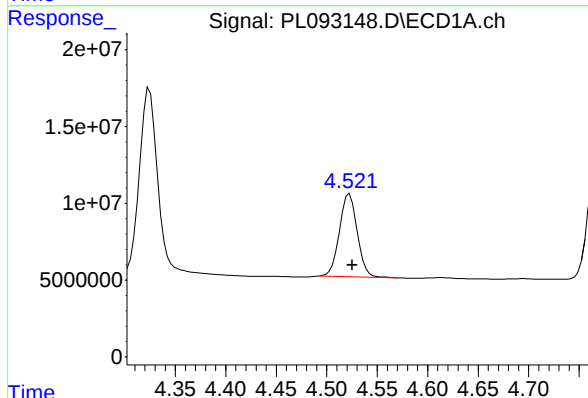
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



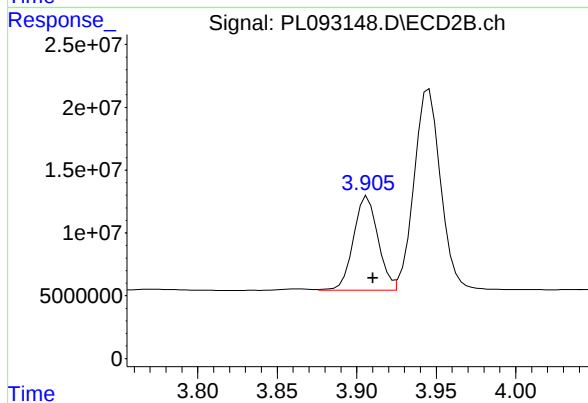
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 174969784
Conc: 47.80 ng/ml



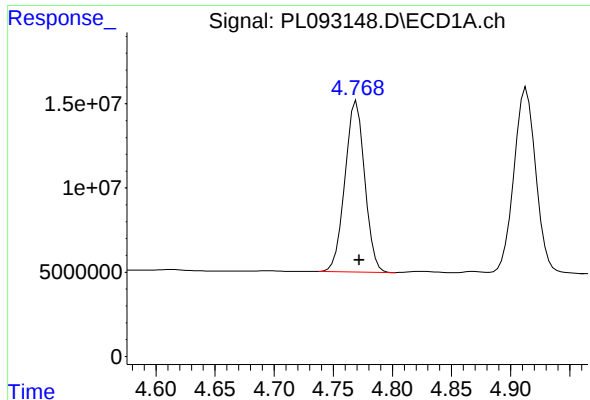
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 66271382
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 80243137
Conc: 48.74 ng/ml



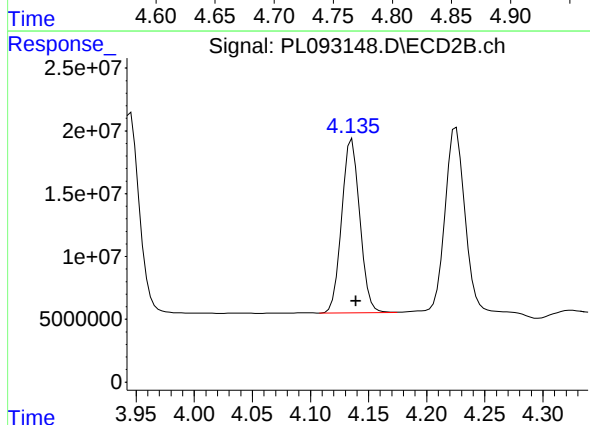
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 117740795
Conc: 37.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

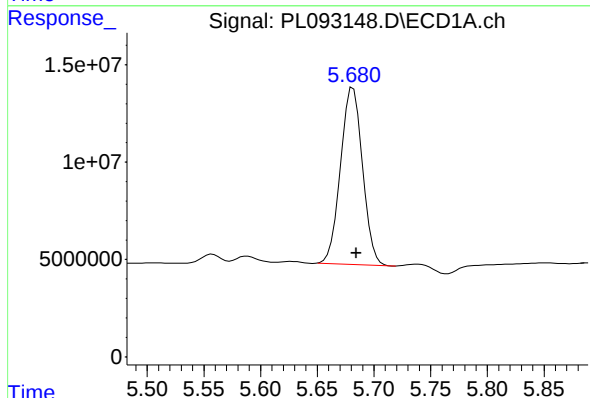
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



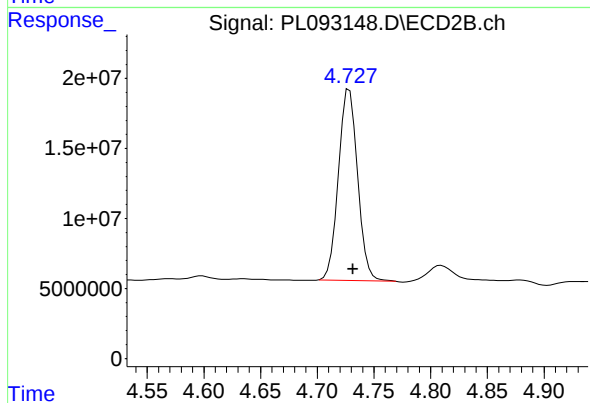
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 150017757
Conc: 39.04 ng/ml



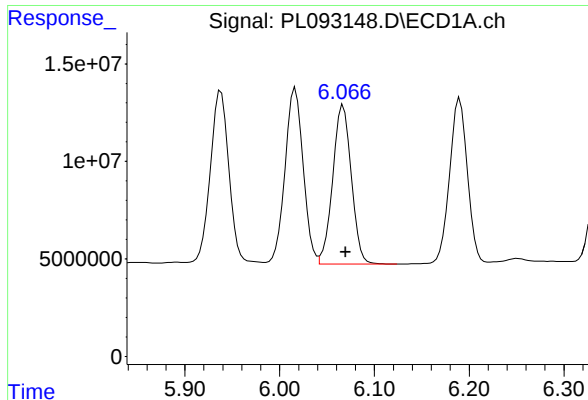
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.003 min
Response: 122634029
Conc: 44.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.003 min
Response: 160679914
Conc: 48.09 ng/ml



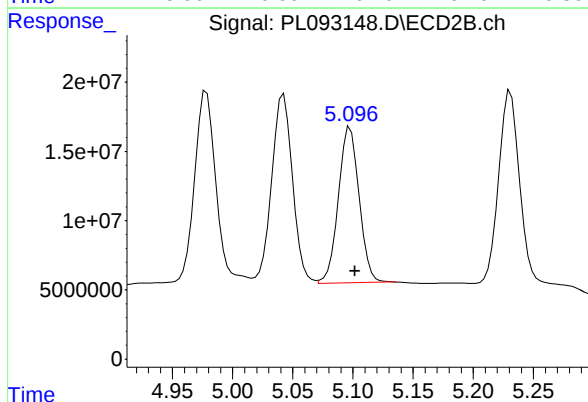
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 111073894
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

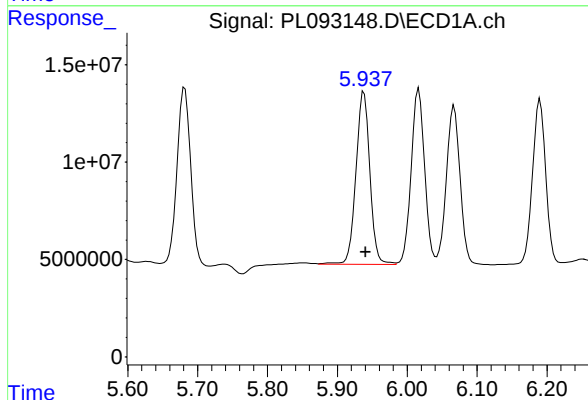
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



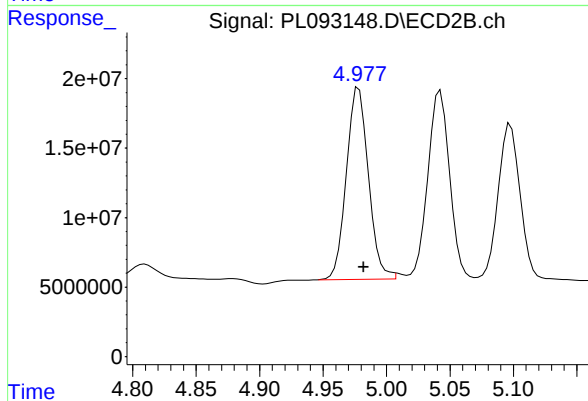
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 135109263
Conc: 44.25 ng/ml



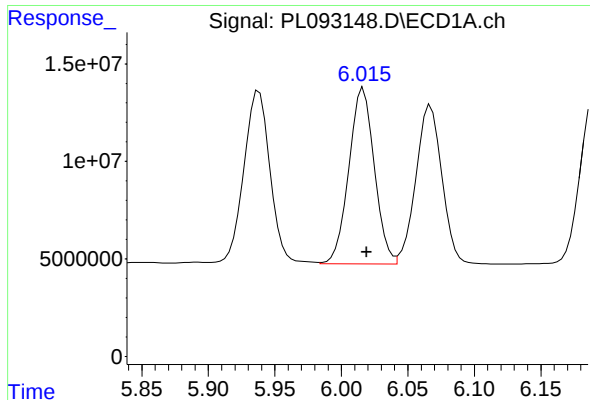
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 123276258
Conc: 46.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 166994371
Conc: 49.68 ng/ml m



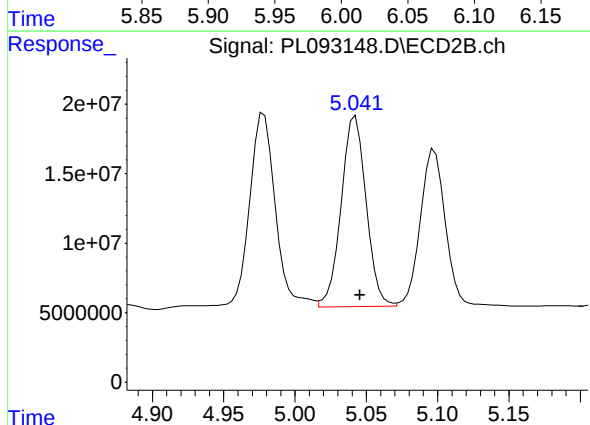
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 120463636
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

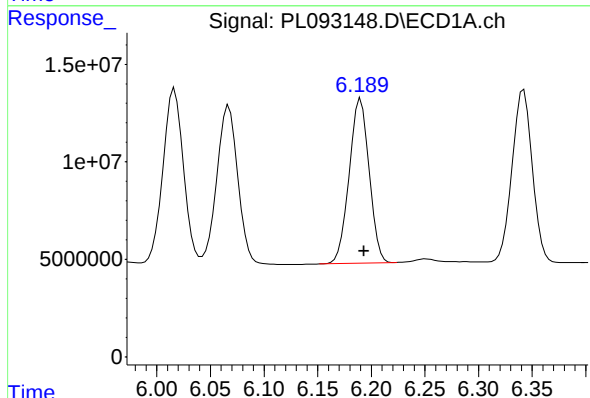
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



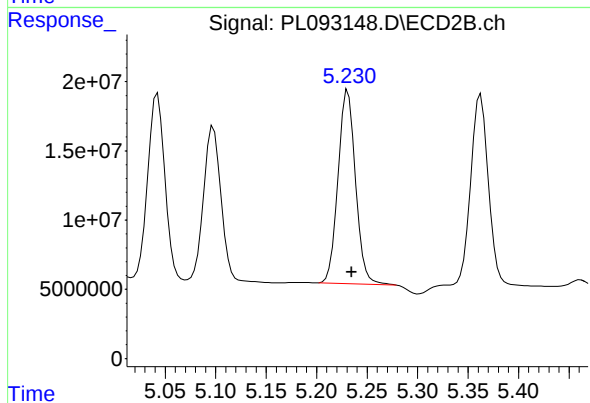
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 167012948
Conc: 50.21 ng/ml



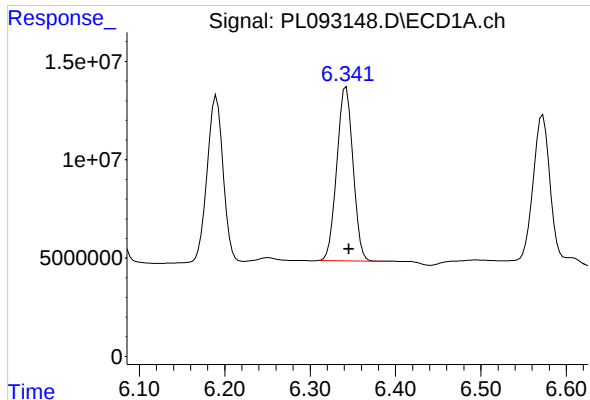
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 109372991
Conc: 46.16 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 168654346
Conc: 52.35 ng/ml



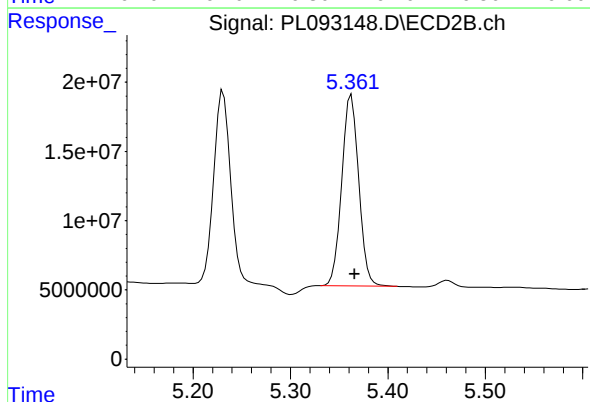
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.003 min
Response: 115884268
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

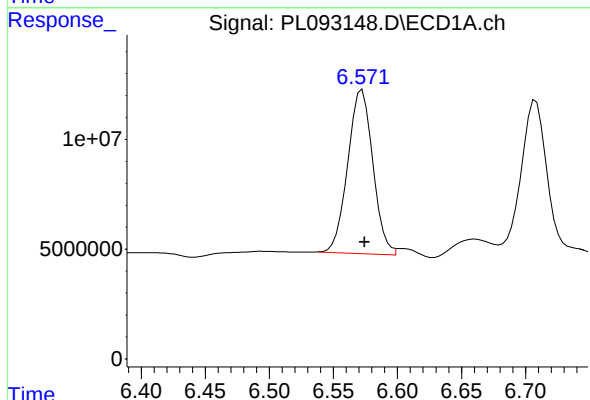
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



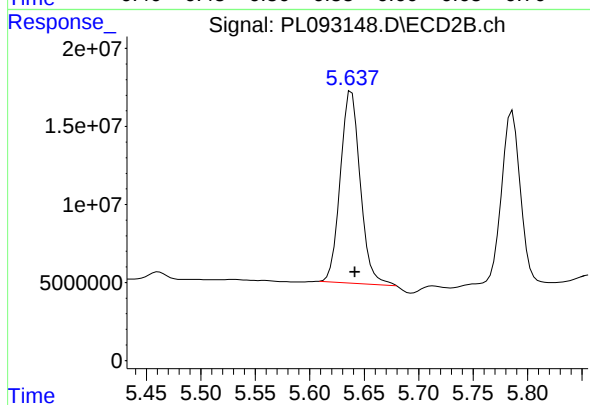
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.003 min
Response: 167304261
Conc: 50.09 ng/ml



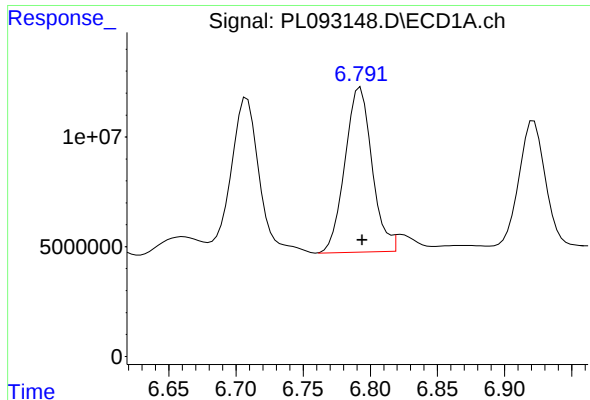
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 101855409
Conc: 44.74 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 156203398
Conc: 53.99 ng/ml



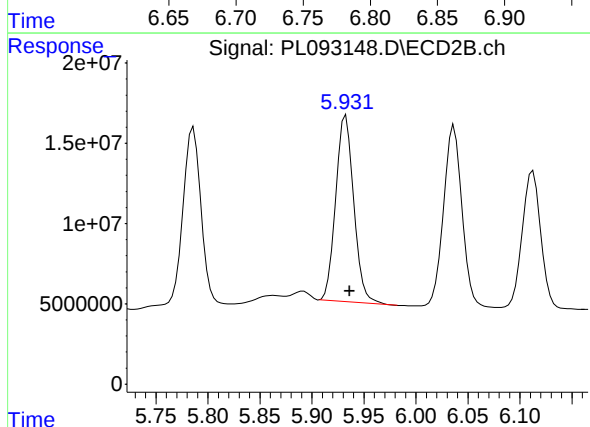
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 108036149
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

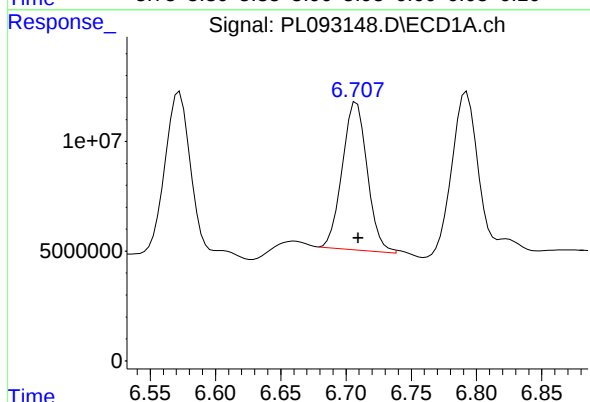
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



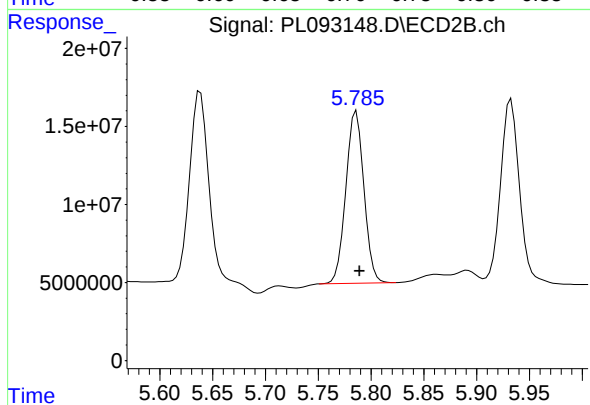
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: -0.003 min
Response: 140041239
Conc: 49.43 ng/ml



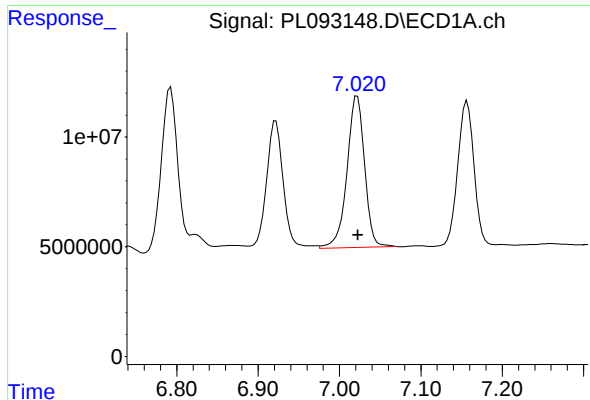
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 89272736
Conc: 46.51 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 131676757
Conc: 52.88 ng/ml



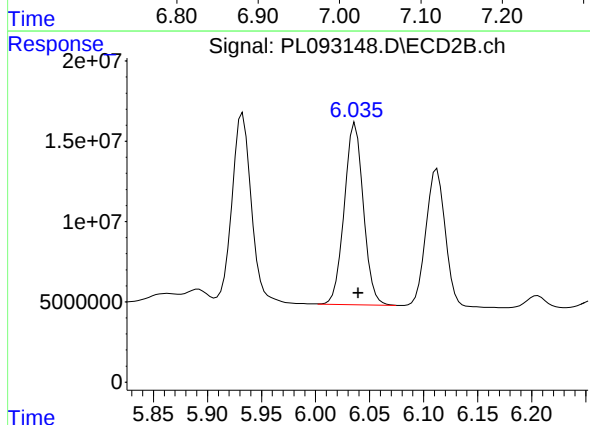
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 103837806
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

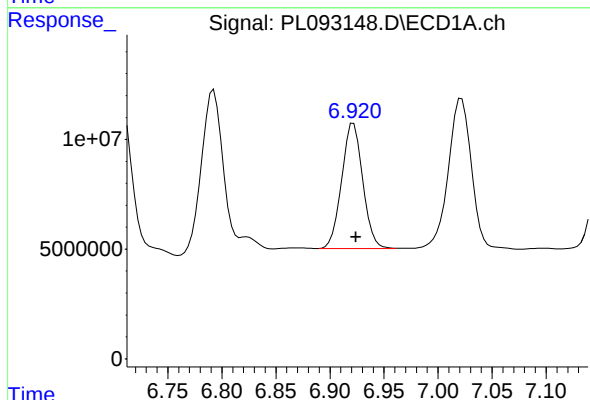
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



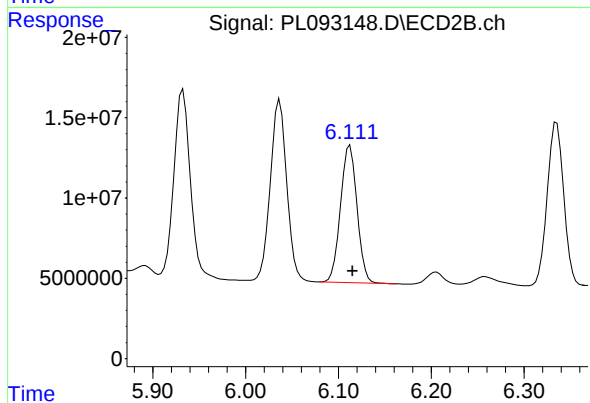
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.005 min
Response: 138907389
Conc: 51.79 ng/ml



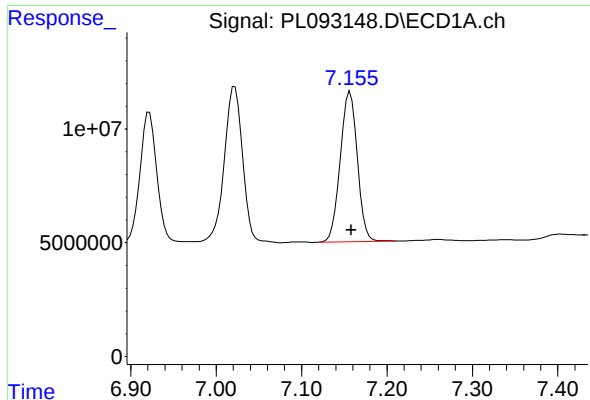
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 77651355
Conc: 41.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 105529036
Conc: 45.74 ng/ml



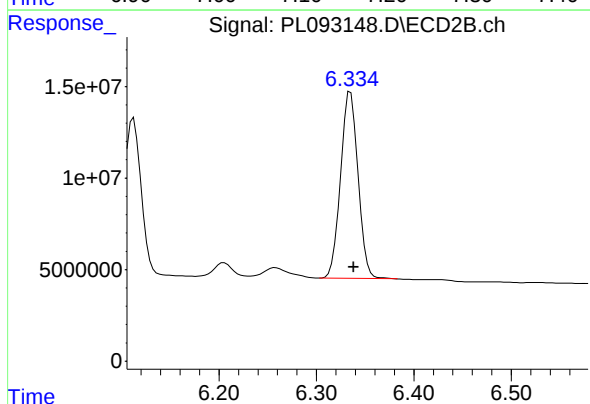
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 91597503
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

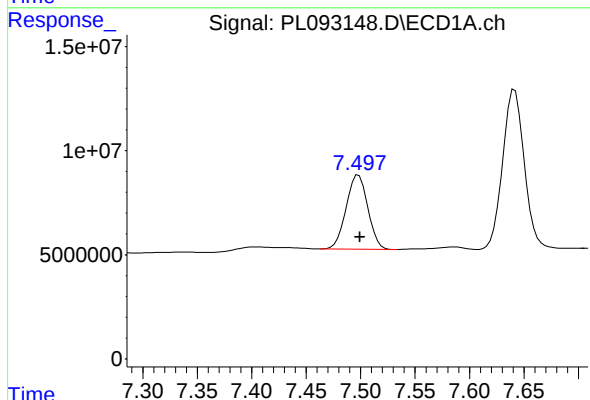
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



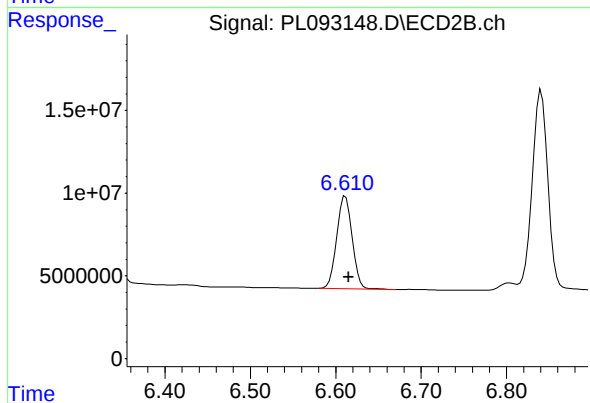
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 126811984
Conc: 47.02 ng/ml



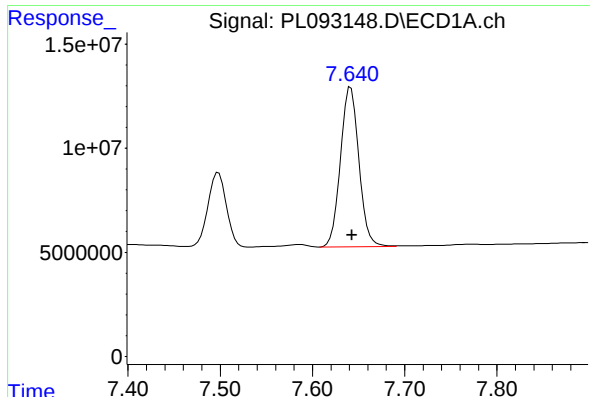
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 49288302
Conc: 43.24 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.004 min
Response: 70014676
Conc: 49.03 ng/ml



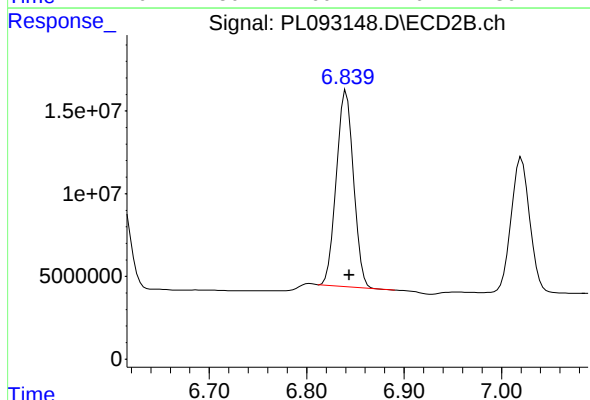
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 106460745
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

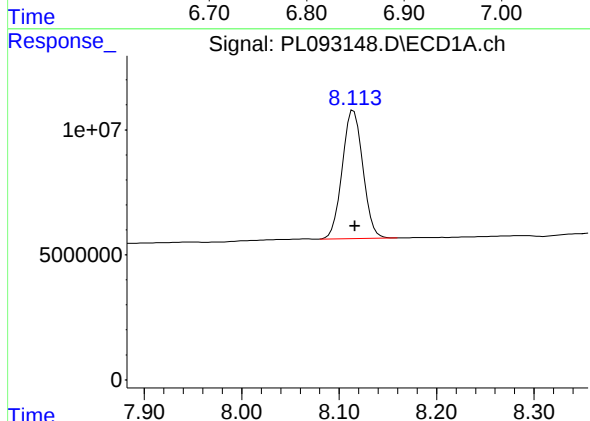
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



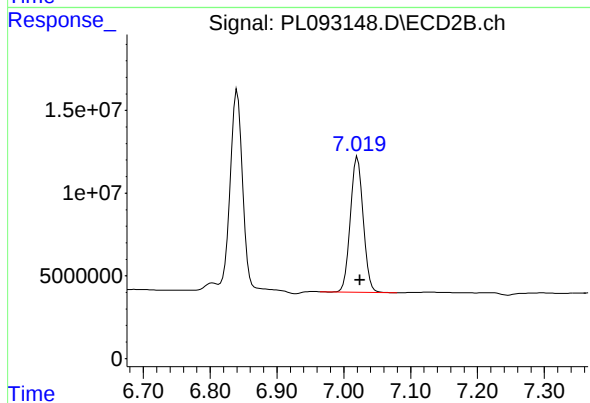
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 144898313
Conc: 47.22 ng/ml



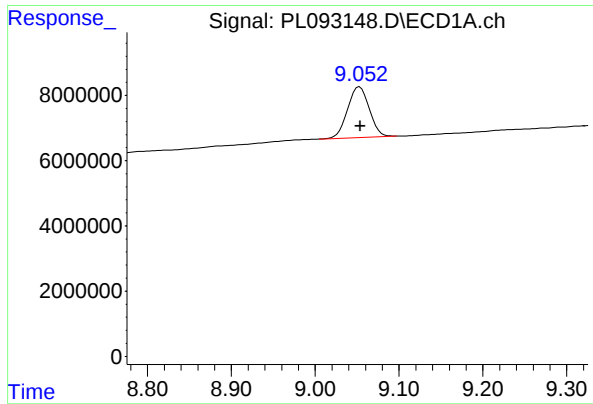
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 75442808
Conc: 38.07 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 108743868
Conc: 41.68 ng/ml



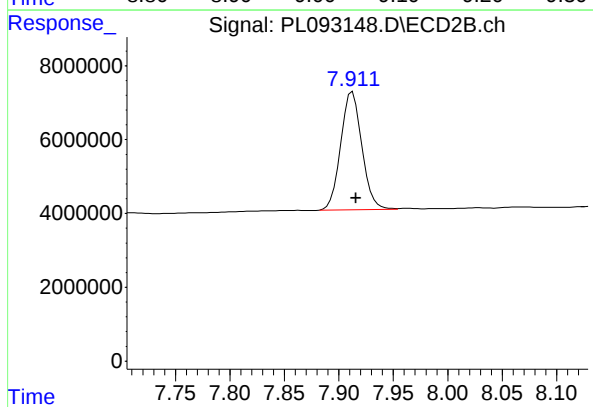
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 27957990
Conc: 14.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH2-BOT-007MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :Ankita Jodhani 11/20/2024



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 42945544
Conc: 15.74 ng/ml