

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
 Data File : PL093131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2024 17:42
 Operator : AR\AJ
 Sample : P4861-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-11-A-202411MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 01:33:27 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...	3.539	2.777	49120509	53143016	20.047	19.530
28) SA Decachlor...	9.056	7.915	31768325	47428981	16.507	17.378
Target Compounds						
2) A alpha-BHC	3.995	3.280	175.1E6	219.1E6	51.633	54.920
3) MA gamma-BHC...	4.326	3.610	166.6E6	208.2E6	51.098m	53.941
4) MA Heptachlor	4.916	3.948	154.4E6	221.6E6	51.407	58.730
5) MB Aldrin	5.258	4.228	145.5E6	196.7E6	48.464	53.745
6) B beta-BHC	4.525	3.909	74715059	91949178	51.689	55.854
7) B delta-BHC	4.772	4.138	142.4E6	172.7E6	45.494	44.948
8) B Heptachlo...	5.684	4.730	137.2E6	186.1E6	49.678	55.696
9) A Endosulfan I	6.070	5.100	126.8E6	176.1E6	50.700	57.693
10) B gamma-Chl...	5.940	4.981	134.2E6	199.0E6	50.440	59.202
11) B alpha-Chl...	6.019	5.044	135.2E6	192.2E6	51.041	57.801
12) B 4,4'-DDE	6.192	5.233	122.4E6	189.2E6	51.676	58.718
13) MA Dieldrin	6.345	5.365	133.3E6	193.1E6	50.584	57.806
14) MA Endrin	6.574	5.640	116.7E6	172.6E6	51.261	59.661
15) B Endosulfa...	6.795	5.935	121.4E6	165.7E6	50.920	58.475
16) A 4,4'-DDD	6.710	5.788	105.1E6	152.0E6	54.747	61.044
17) MA 4,4'-DDT	7.024	6.038	105.7E6	151.3E6	51.077	56.424
18) B Endrin al...	6.924	6.114	93860126	125.4E6	49.979	54.351
19) B Endosulfa...	7.159	6.338	103.3E6	147.0E6	47.584	54.507
20) A Methoxychlor	7.500	6.614	54982155	78064885	48.230	54.666
21) B Endrin ke...	7.644	6.843	119.6E6	172.7E6	49.346	56.276
22) Mirex	8.117	7.024	86484243	128.4E6	43.641	49.229

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111824\
Data File : PL093131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Nov 2024 17:42
Operator : AR\AJ
Sample : P4861-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

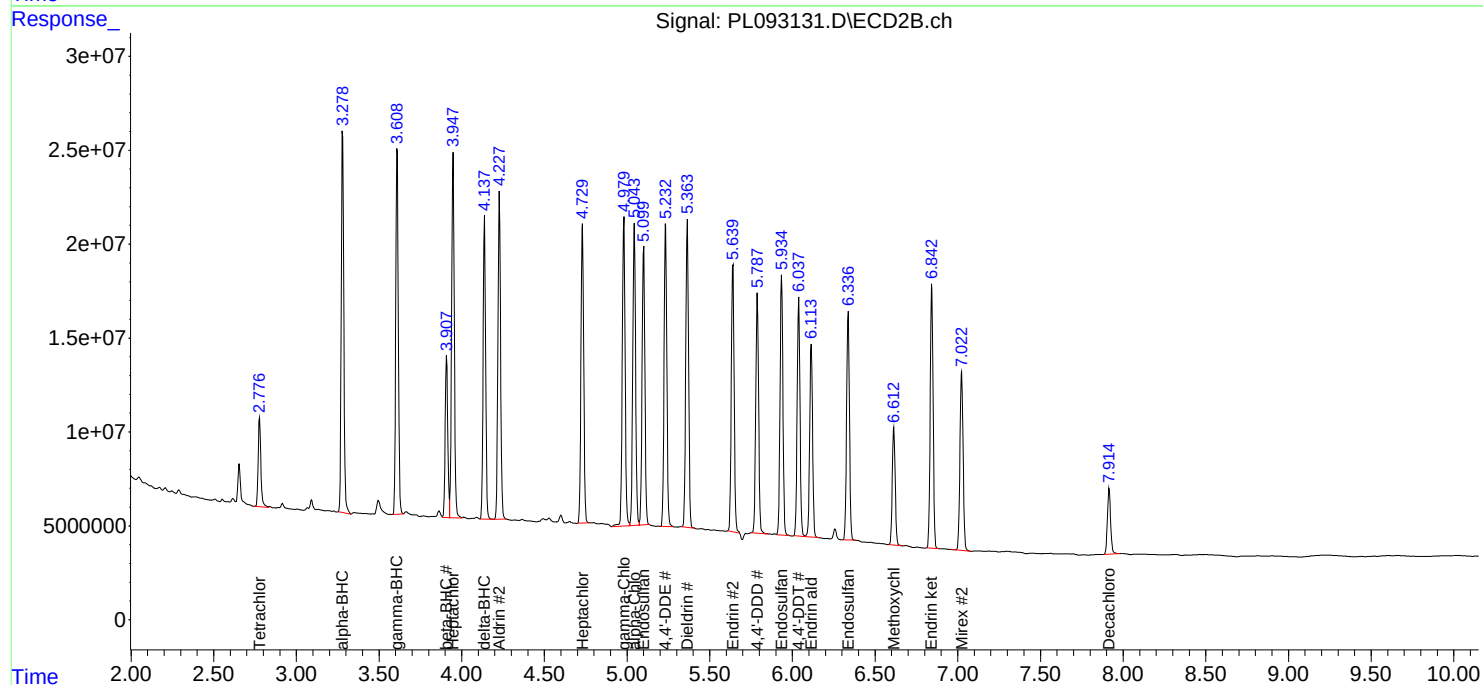
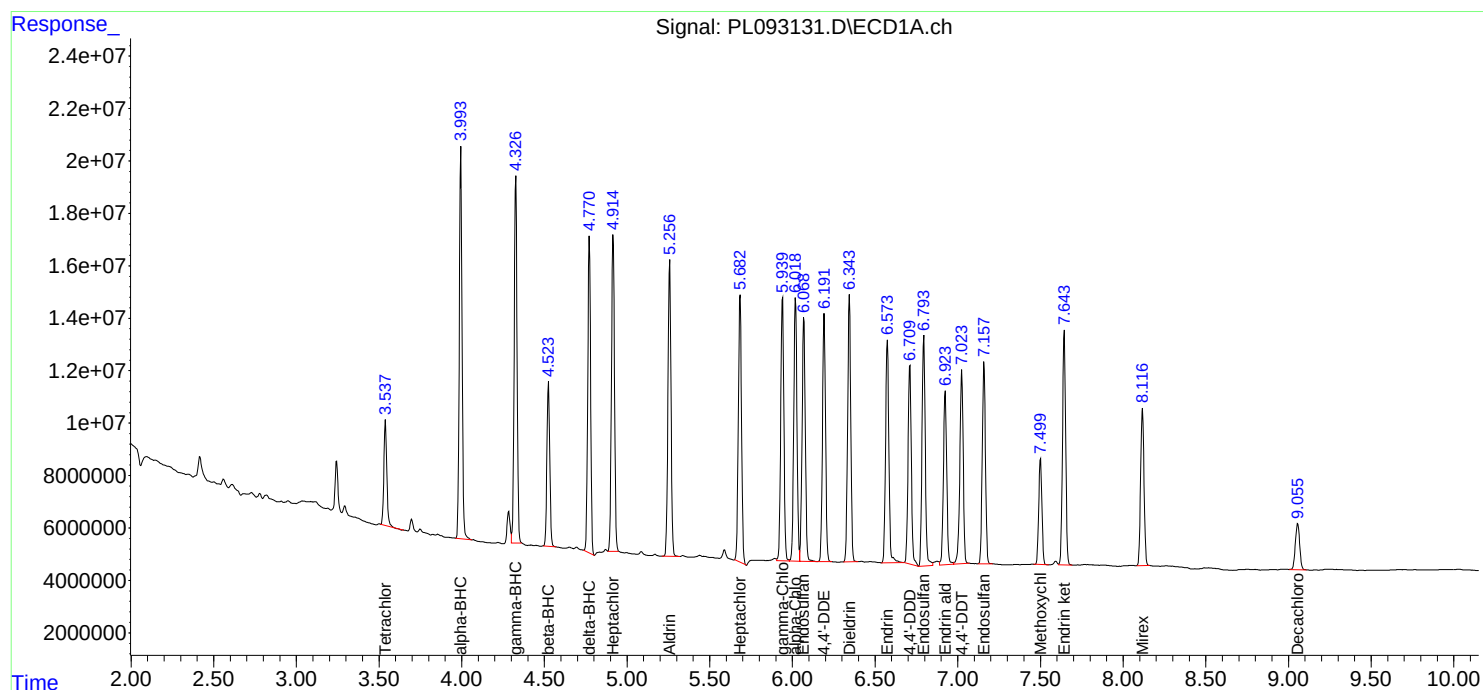
Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

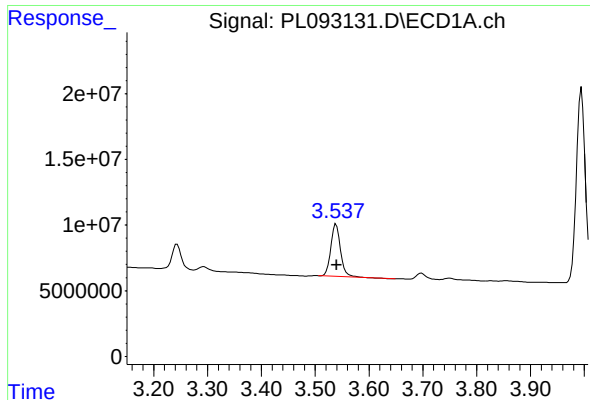
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 19 01:33:27 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





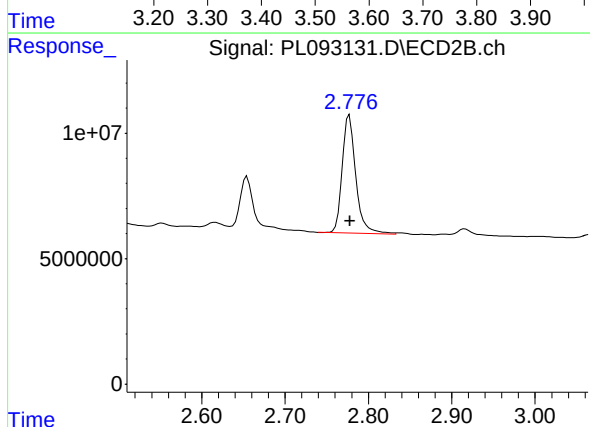
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.001 min
Response: 49120509
Conc: 20.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

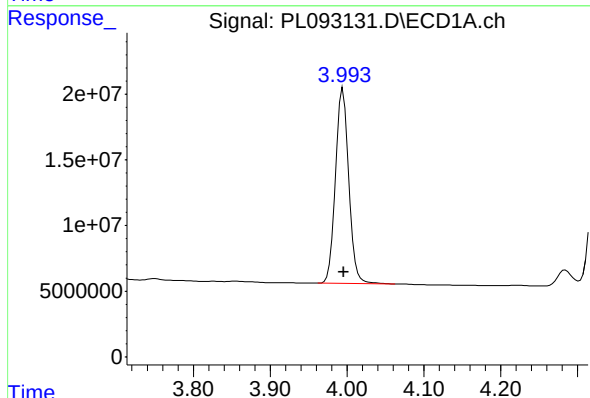
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



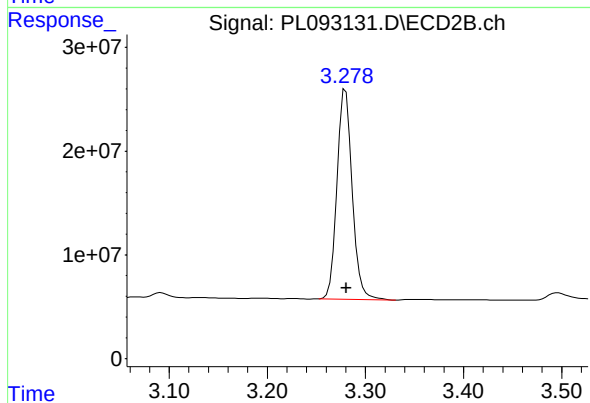
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 53143016
Conc: 19.53 ng/ml



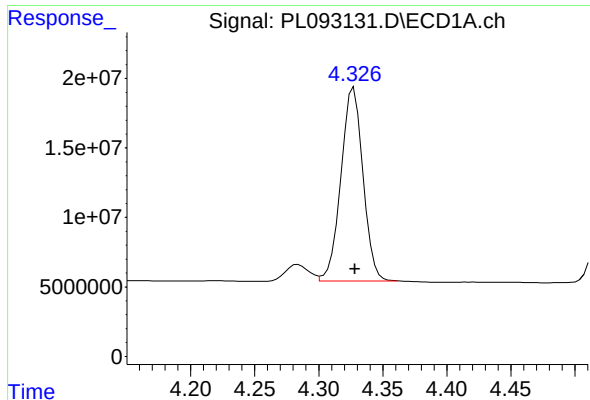
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 175117295
Conc: 51.63 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 219139405
Conc: 54.92 ng/ml



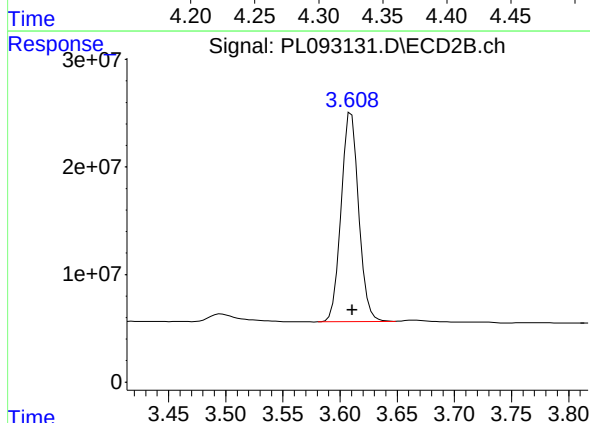
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 166557315
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

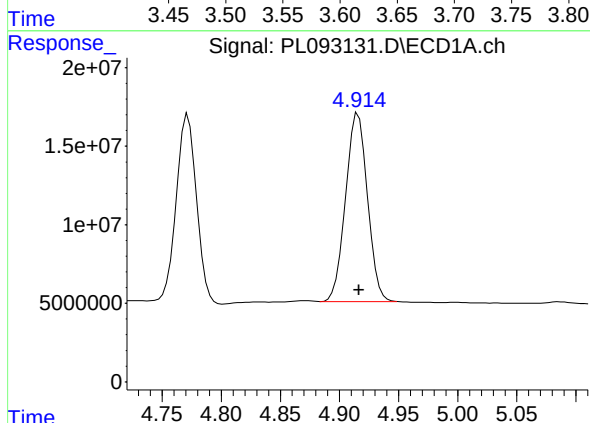
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



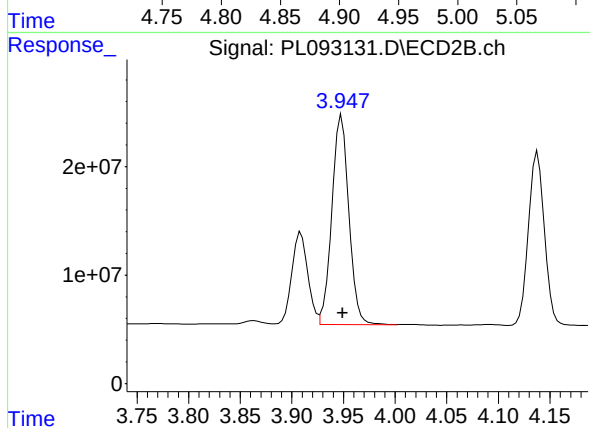
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 208182566
Conc: 53.94 ng/ml



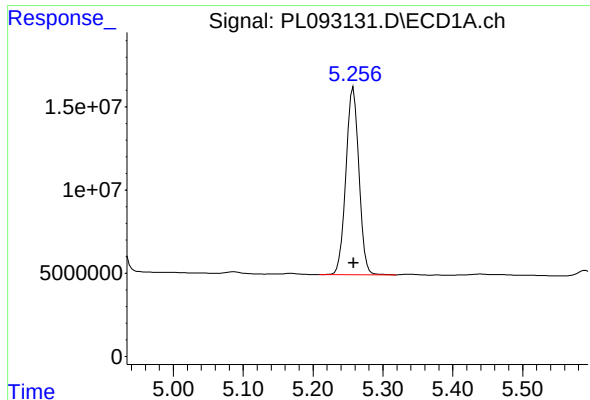
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.000 min
Response: 154380641
Conc: 51.41 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: -0.001 min
Response: 221644617
Conc: 58.73 ng/ml



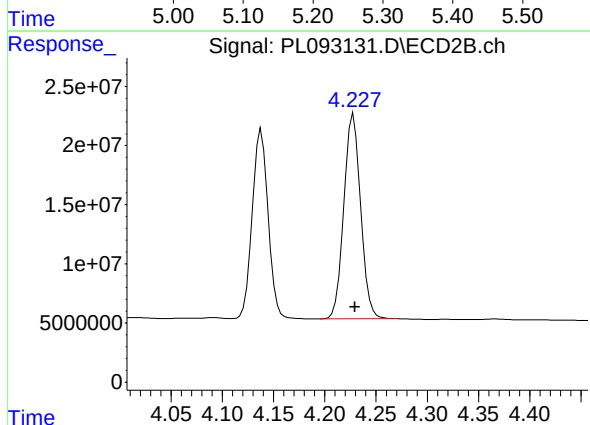
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.000 min
Response: 145464419
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

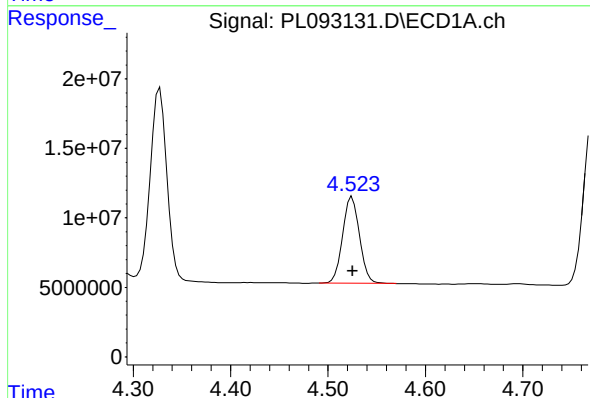
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



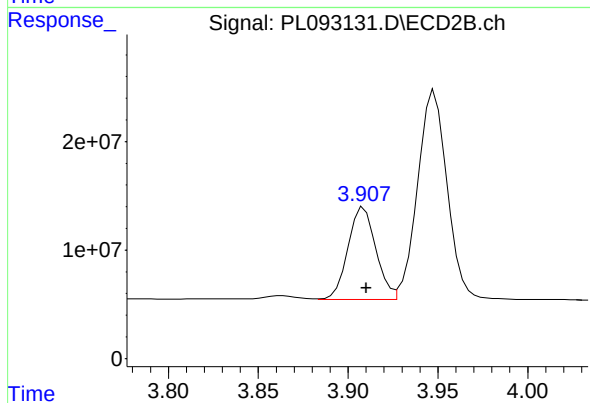
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: -0.001 min
Response: 196716655
Conc: 53.74 ng/ml



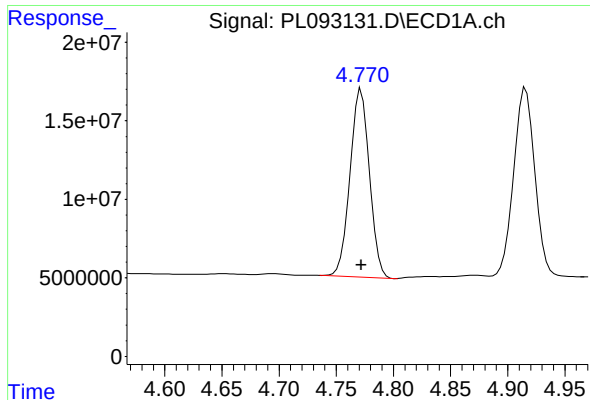
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 74715059
Conc: 51.69 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: -0.001 min
Response: 91949178
Conc: 55.85 ng/ml



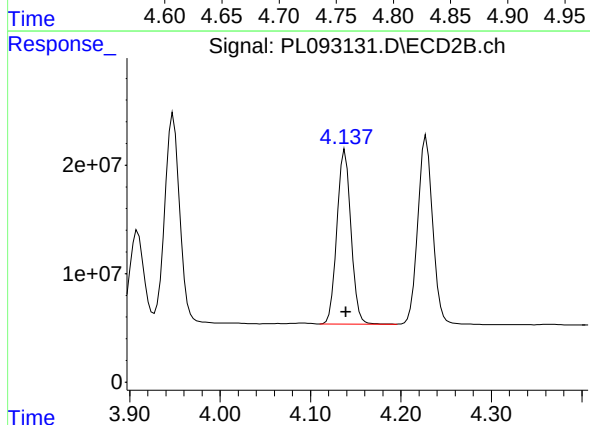
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 142389996
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

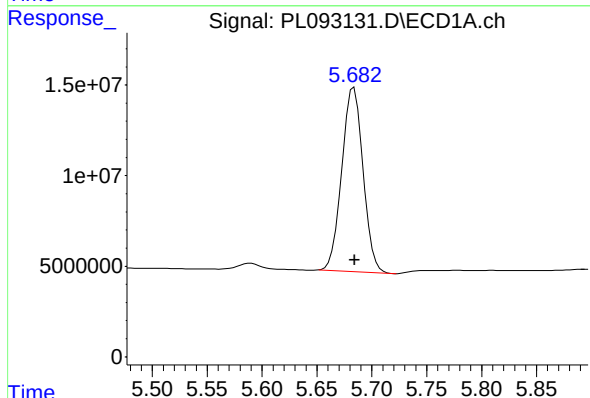
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



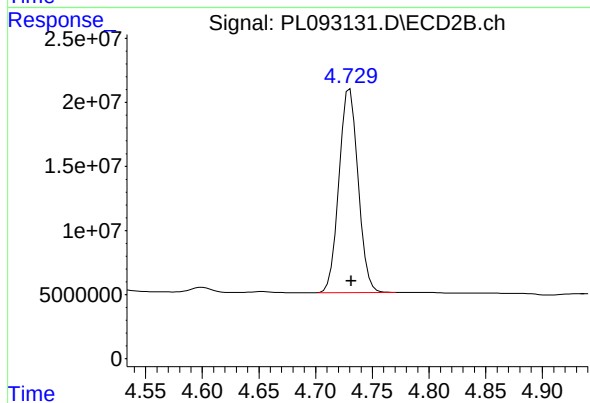
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: -0.001 min
Response: 172742369
Conc: 44.95 ng/ml



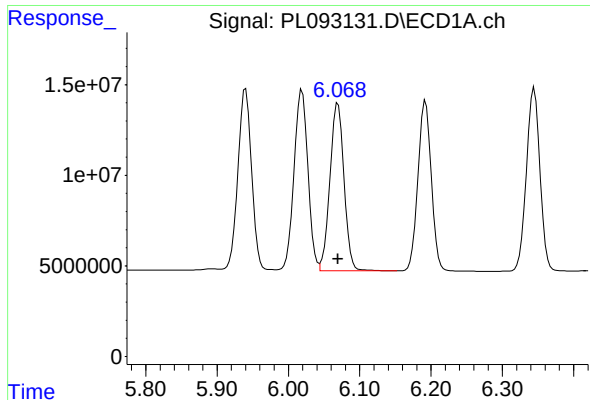
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 137181217
Conc: 49.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.001 min
Response: 186104121
Conc: 55.70 ng/ml



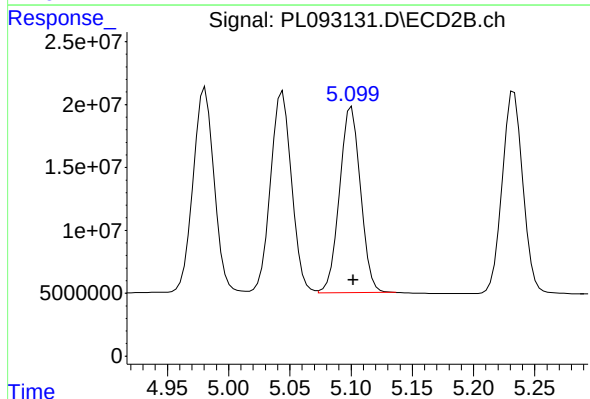
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 126818169
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

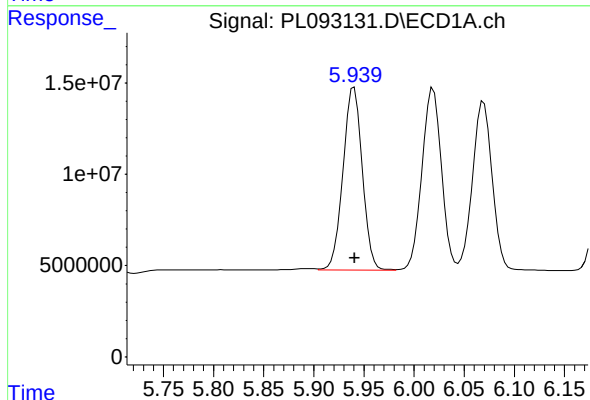
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



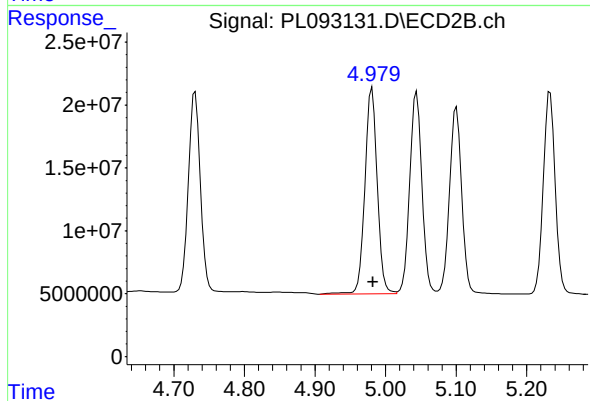
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.001 min
Response: 176145776
Conc: 57.69 ng/ml



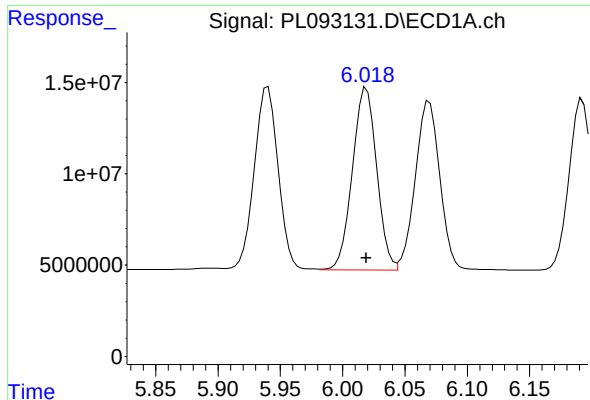
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 134202182
Conc: 50.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 199017667
Conc: 59.20 ng/ml



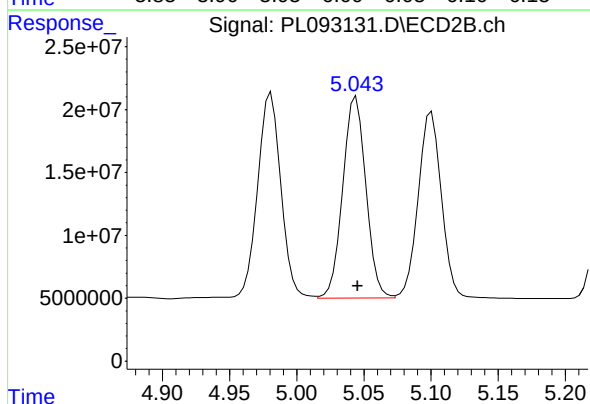
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 135162599
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

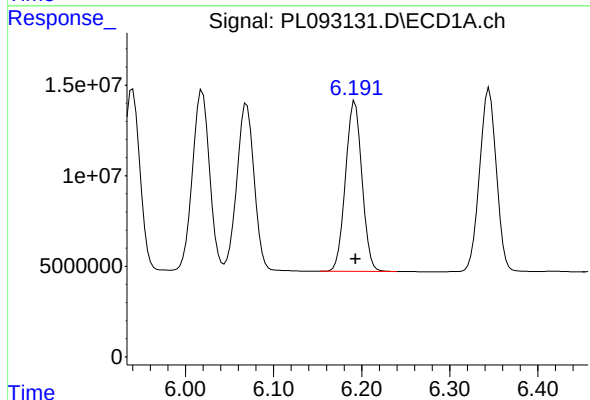
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



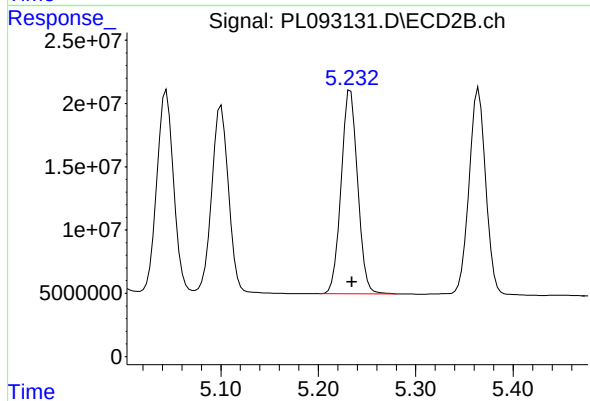
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.001 min
Response: 192248065
Conc: 57.80 ng/ml



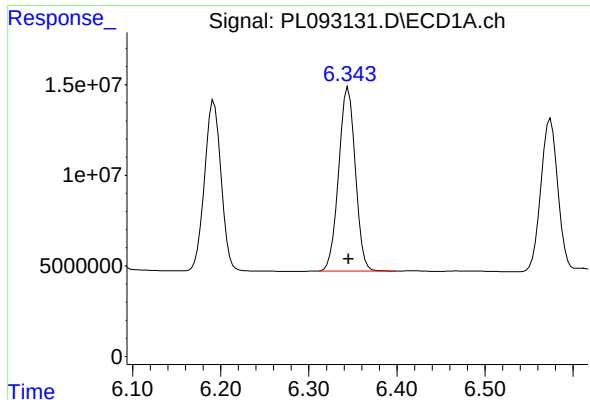
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 122430410
Conc: 51.68 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 189167735
Conc: 58.72 ng/ml



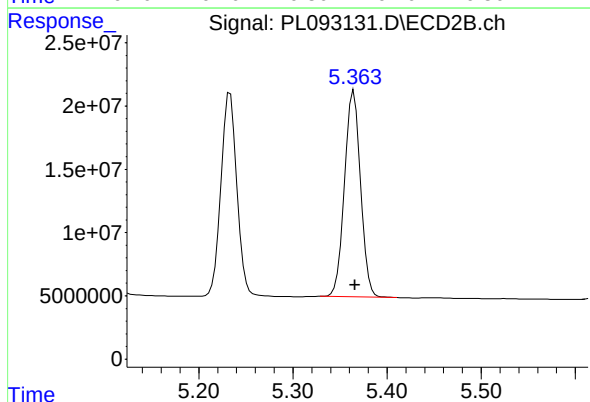
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 133313525
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

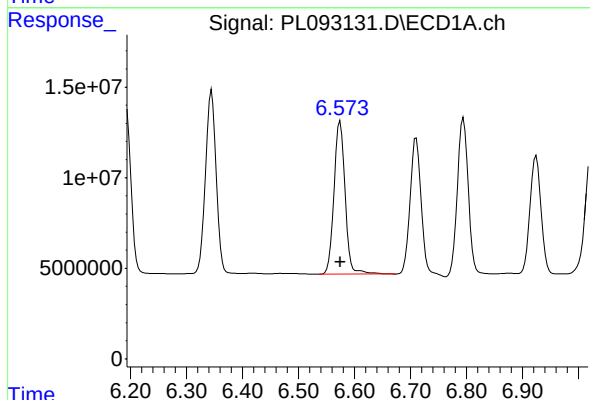
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



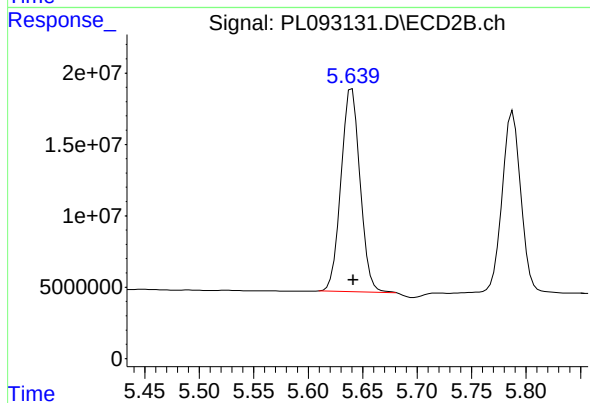
#13 Dieldrin

R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 193090997
Conc: 57.81 ng/ml



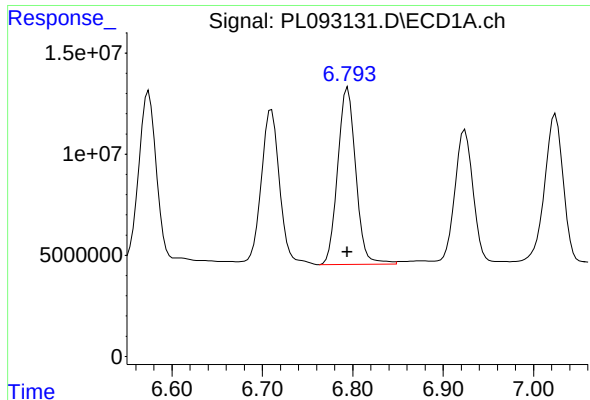
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 116704906
Conc: 51.26 ng/ml



#14 Endrin

R.T.: 5.640 min
Delta R.T.: -0.001 min
Response: 172599487
Conc: 59.66 ng/ml



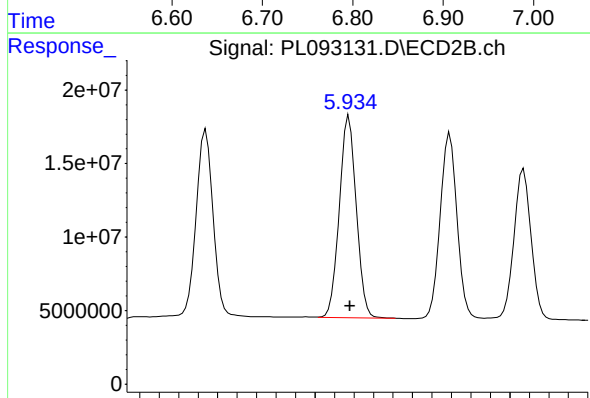
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 121384235
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

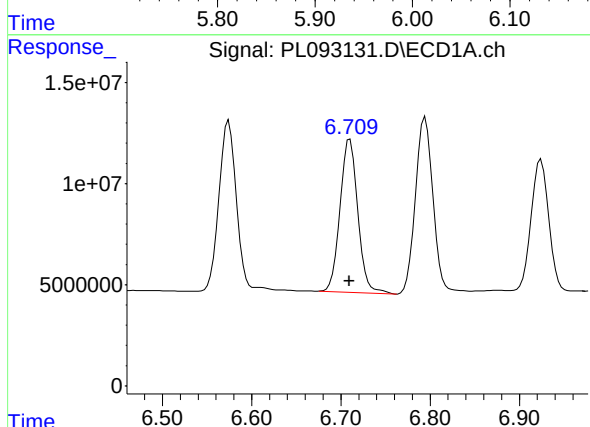
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



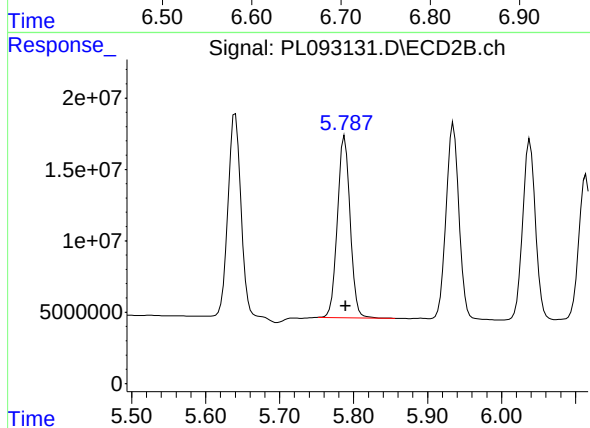
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 165674460
Conc: 58.47 ng/ml



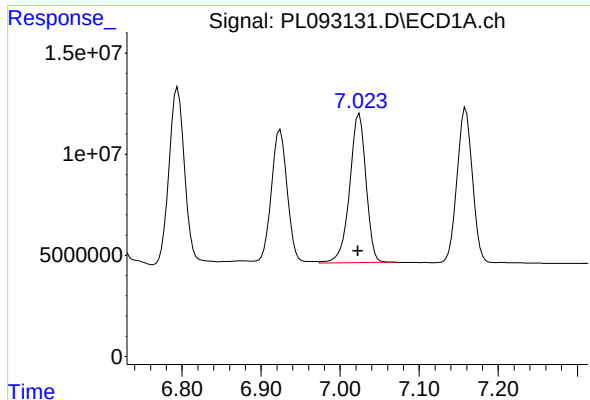
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 105089119
Conc: 54.75 ng/ml



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 152002980
Conc: 61.04 ng/ml



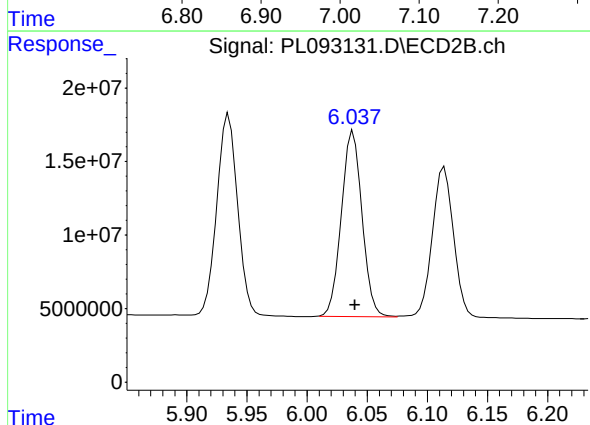
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.001 min
Response: 105716040
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

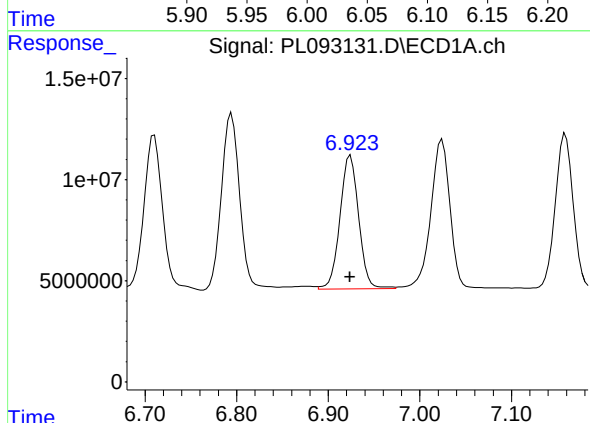
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



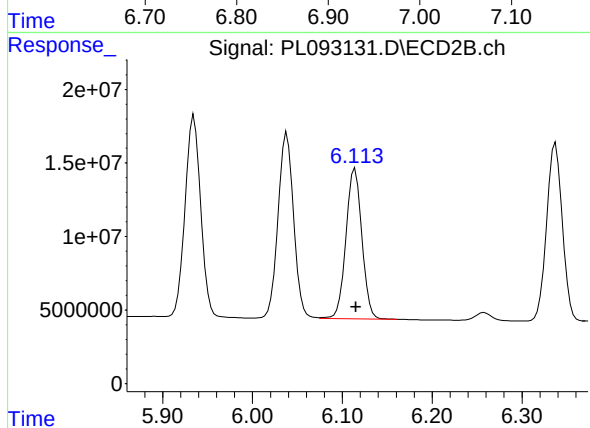
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: -0.001 min
Response: 151343807
Conc: 56.42 ng/ml



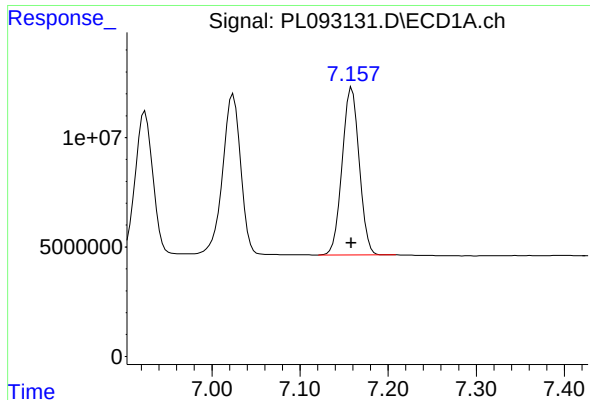
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 93860126
Conc: 49.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 125403623
Conc: 54.35 ng/ml



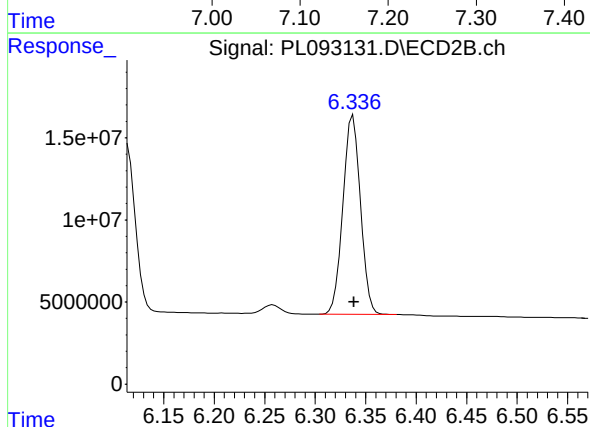
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 103273537
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

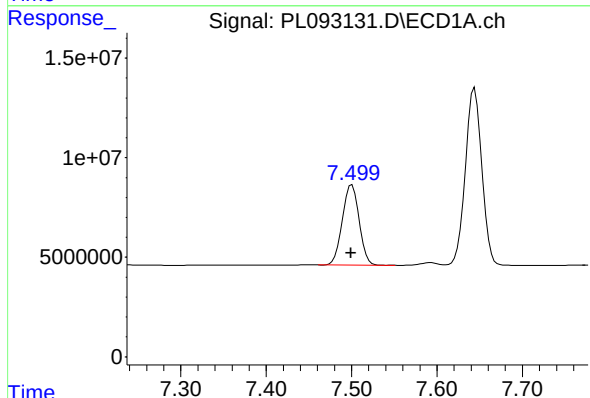
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



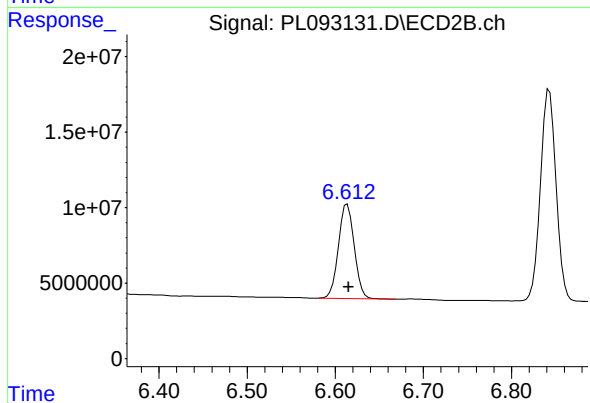
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 146999663
Conc: 54.51 ng/ml



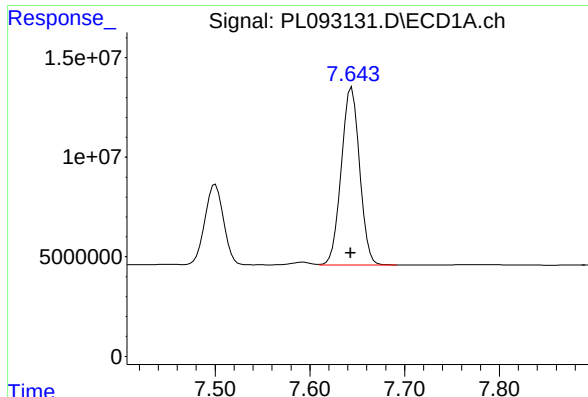
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 54982155
Conc: 48.23 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: -0.001 min
Response: 78064885
Conc: 54.67 ng/ml



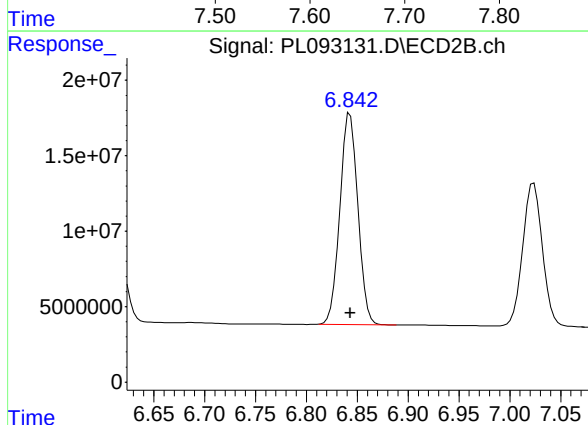
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.001 min
Response: 119555599
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

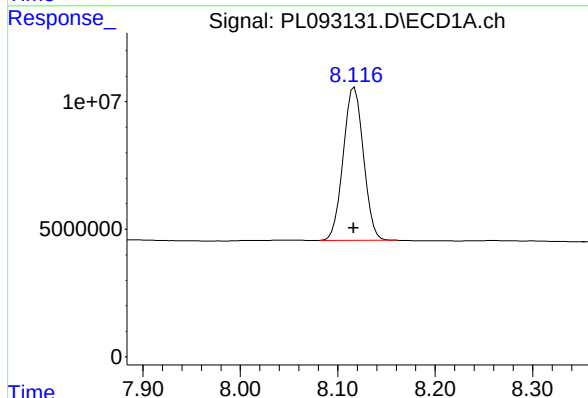
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



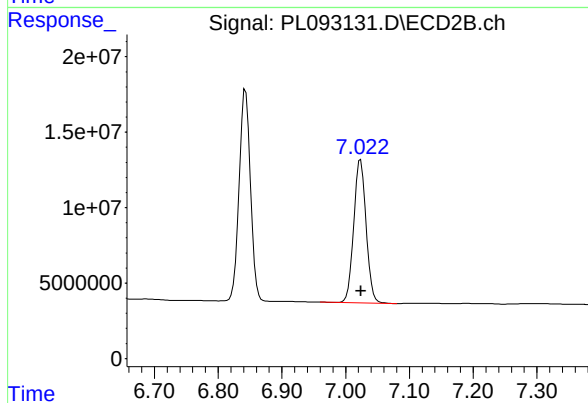
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 172698520
Conc: 56.28 ng/ml



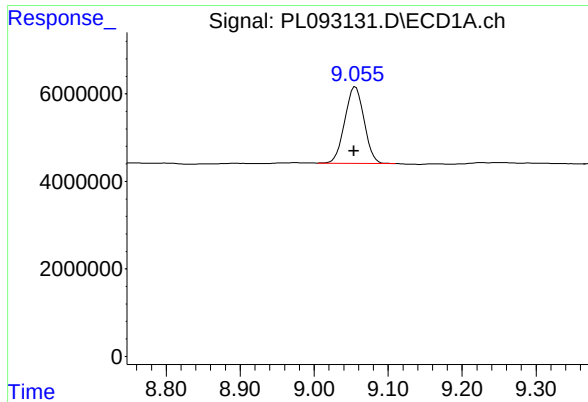
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 86484243
Conc: 43.64 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 128443829
Conc: 49.23 ng/ml



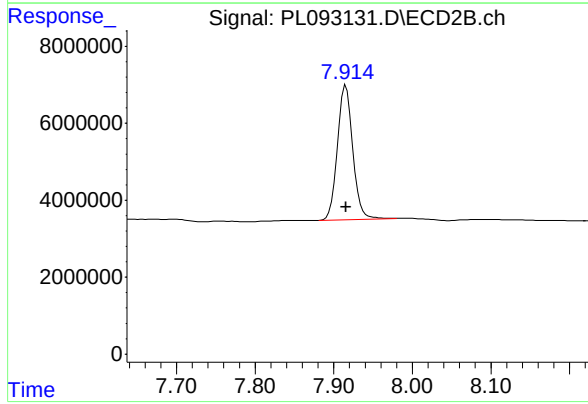
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 31768325
Conc: 16.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-11-A-202411MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :Ankita Jodhani 11/19/2024



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 47428981
Conc: 17.38 ng/ml