

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
 Data File : PL092249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2024 17:54
 Operator : AR\AJ
 Sample : P4290-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 IB-4MSD

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 23:41:37 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	38467174	43673496	17.291m	17.413
28) SA Decachlor...	9.058	7.919	25752186	32614573	15.720	13.036
Target Compounds						
2) A alpha-BHC	3.998	3.284	133.1E6	175.3E6	42.988	48.124
3) MA gamma-BHC...	4.331	3.614	129.7E6	165.4E6	41.871	46.840
4) MA Heptachlor	4.918	3.953	120.3E6	161.0E6	43.498m	46.646
5) MB Aldrin	5.261	4.231	114.5E6	148.1E6	41.229	43.554m
6) B beta-BHC	4.528	3.913	59522809	72112803	44.876	47.976
7) B delta-BHC	4.773	4.142	126.6E6	152.3E6	43.881m	43.869
8) B Heptachlo...	5.687	4.736	109.1E6	140.0E6	42.881	46.320
9) A Endosulfan I	6.073	5.105	98298950	128.4E6	42.491	46.774
10) B gamma-Chl...	5.942	4.986	104.9E6	147.2E6	42.468m	48.920
11) B alpha-Chl...	6.022	5.049	106.5E6	143.4E6	43.217	47.902
12) B 4,4'-DDE	6.195	5.238	92539892	132.2E6	42.755	47.590
13) MA Dieldrin	6.348	5.369	101.2E6	133.4E6	41.503	45.492
14) MA Endrin	6.576	5.644	83653840	114.4E6	40.595m	43.635m
15) B Endosulfa...	6.797	5.940	89355615	114.8E6	40.621	45.857
16) A 4,4'-DDD	6.711	5.792	79503090	103.6E6	44.274m	48.504m
17) MA 4,4'-DDT	7.026	6.043	75156060	100.7E6	40.819	43.518
18) B Endrin al...	6.926	6.119	69286494	86761807	39.757	42.515
19) B Endosulfa...	7.161	6.341	83497052	104.2E6	42.122	43.184
20) A Methoxychlor	7.502	6.617	40919934	48348378	41.682	38.668m
21) B Endrin ke...	7.646	6.847	93290140	120.9E6	42.452	43.658
22) Mirex	8.120	7.026	69569203	90201851	38.628	37.080m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
Data File : PL092249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2024 17:54
Operator : AR\AJ
Sample : P4290-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

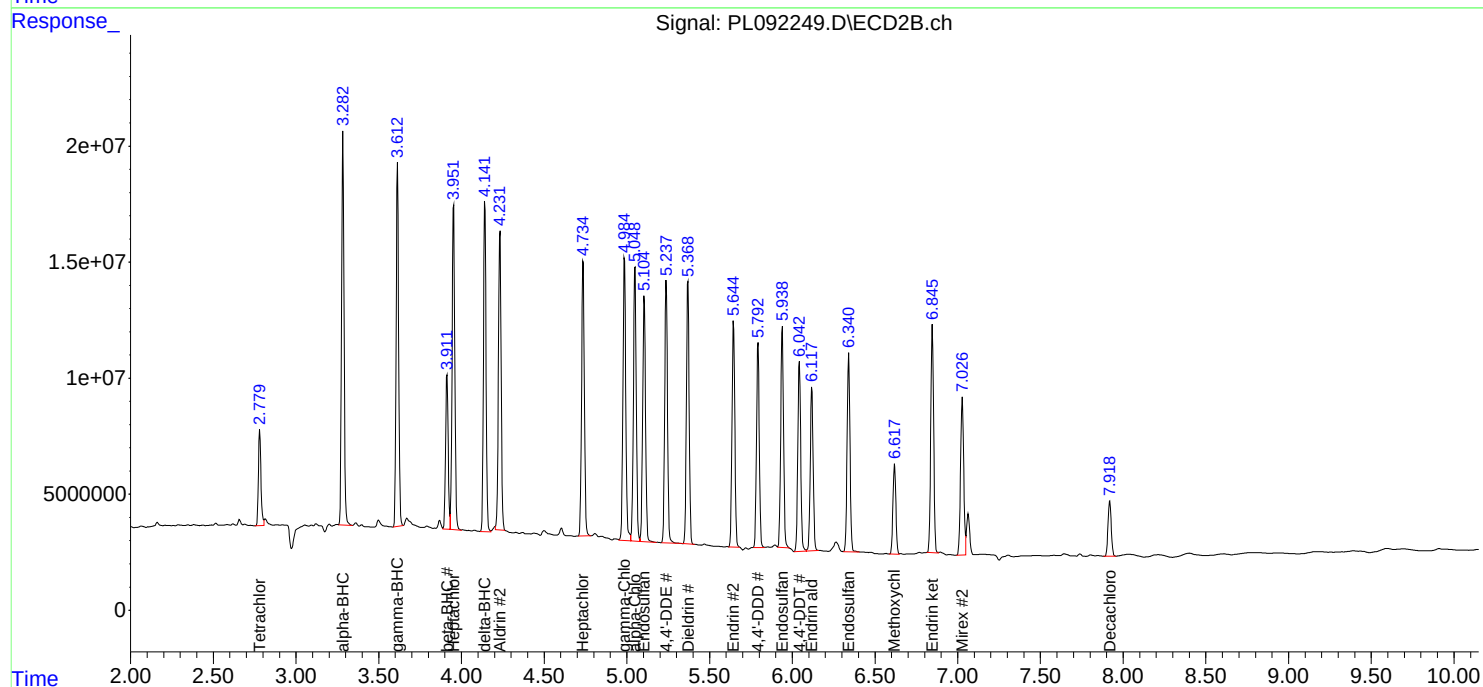
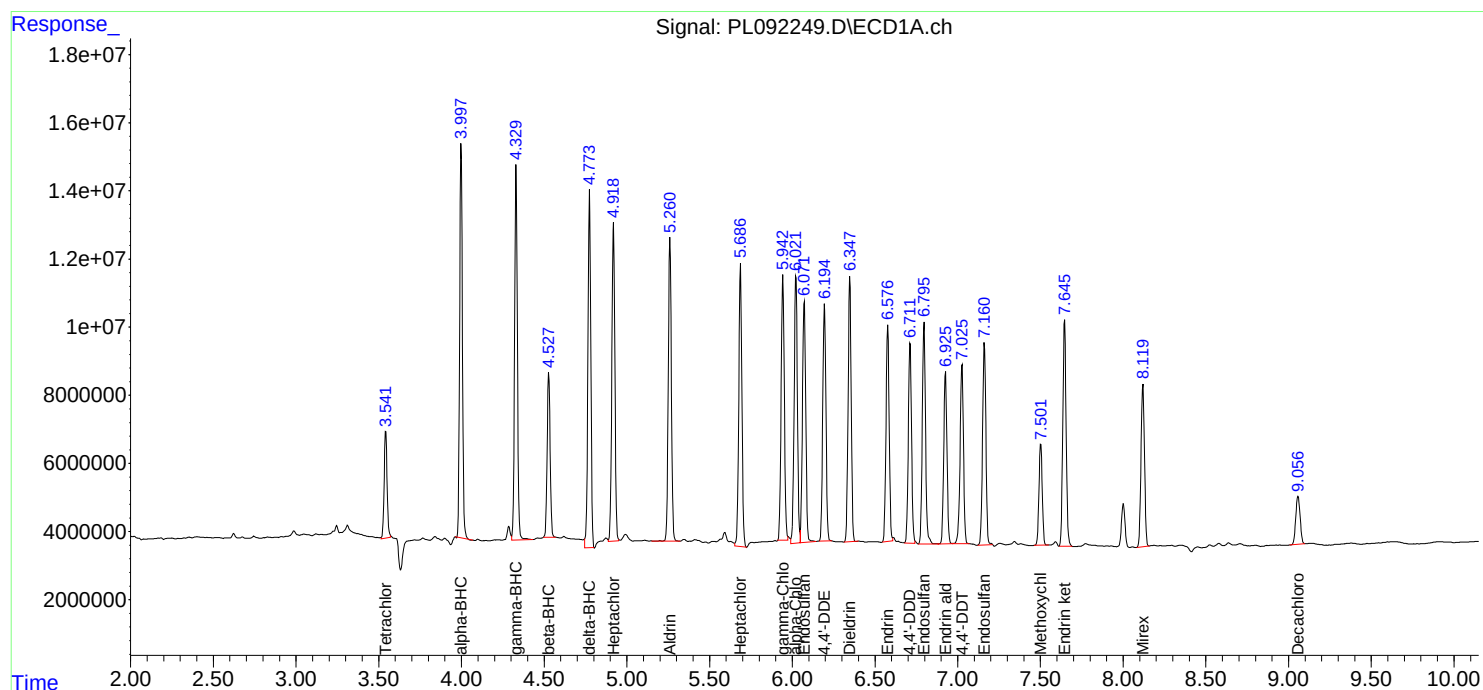
Instrument :
ECD_L
ClientSampleId :
IB-4MSD

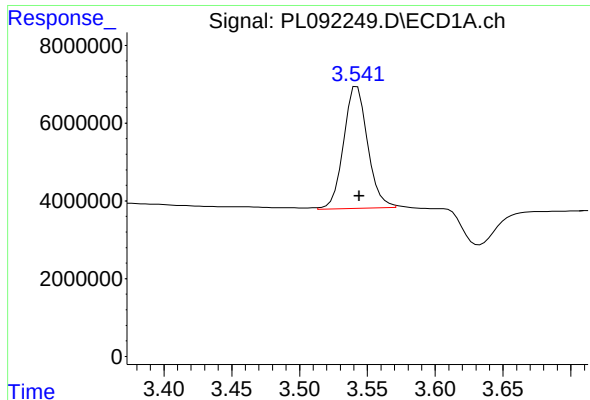
Manual Integrations
APPROVED

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 23:41:37 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





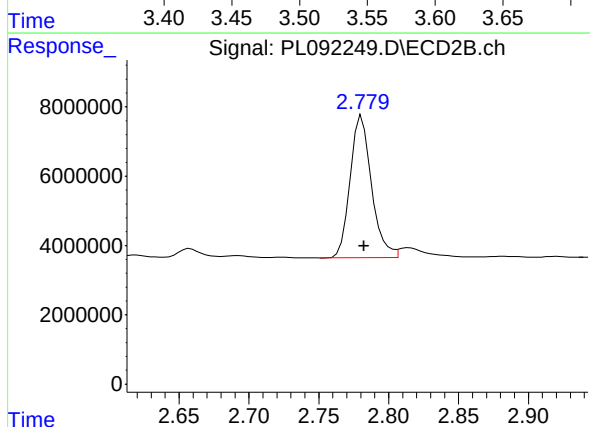
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 38467174
Conc: 17.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

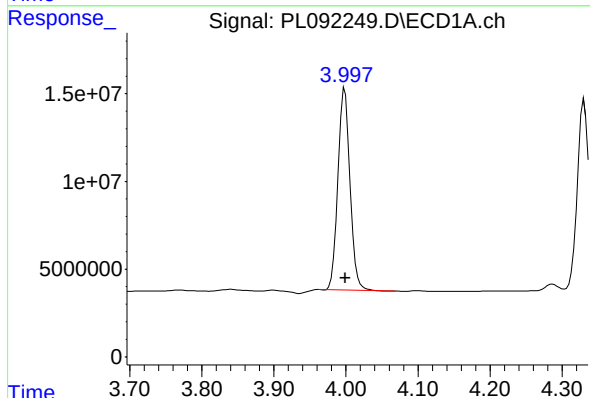
Manual Integrations
APPROVED

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



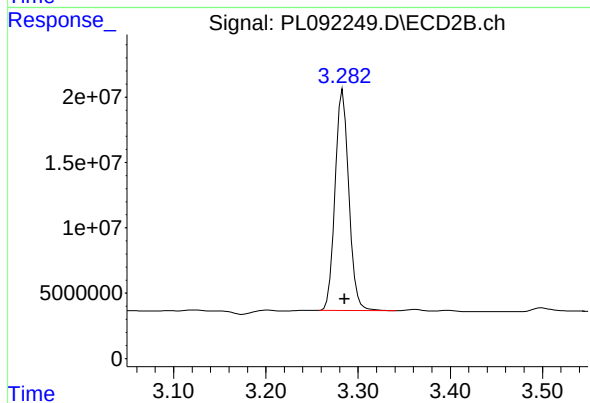
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 43673496
Conc: 17.41 ng/ml



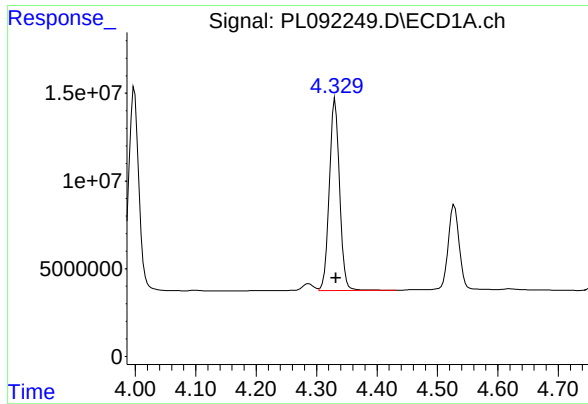
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 133112896
Conc: 42.99 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 175331826
Conc: 48.12 ng/ml



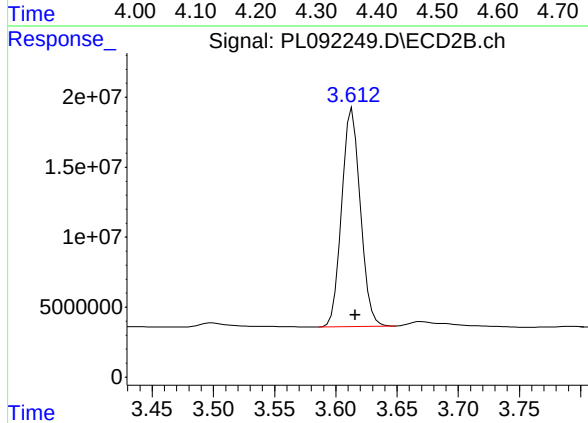
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 129749616
Conc: 41.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

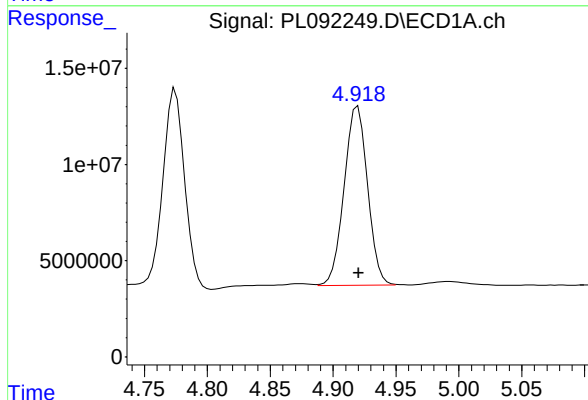
Manual Integrations
APPROVED

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



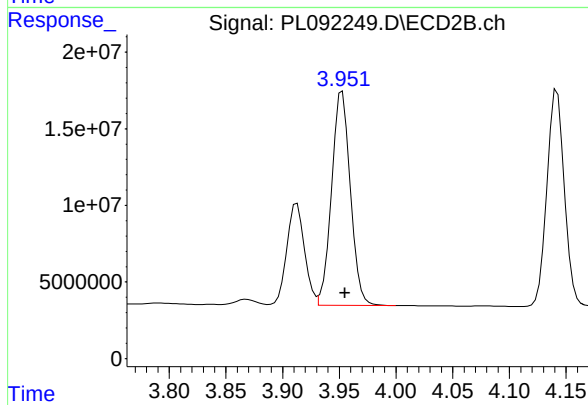
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 165391576
Conc: 46.84 ng/ml



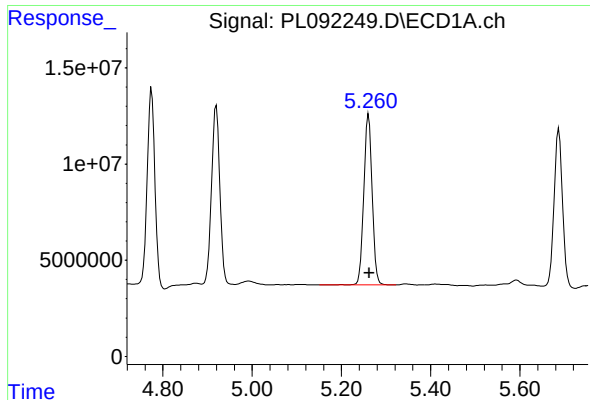
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 120290819
Conc: 43.50 ng/ml m



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 160956680
Conc: 46.65 ng/ml



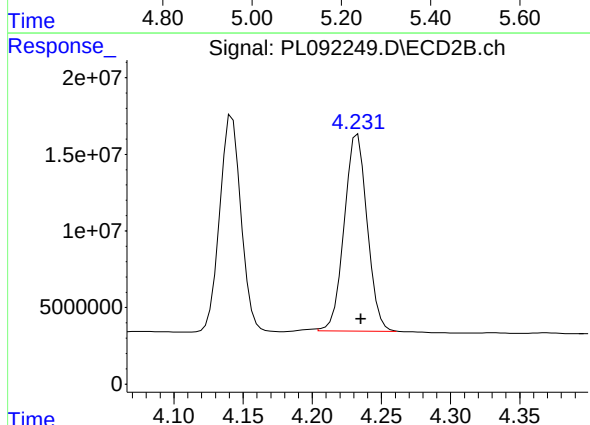
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 114517477
Conc: 41.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

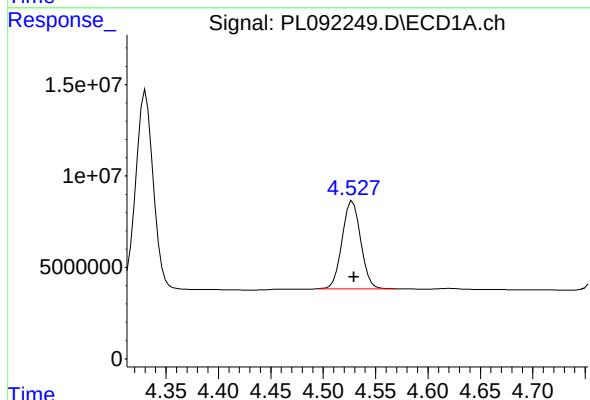
Manual Integrations
APPROVED

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



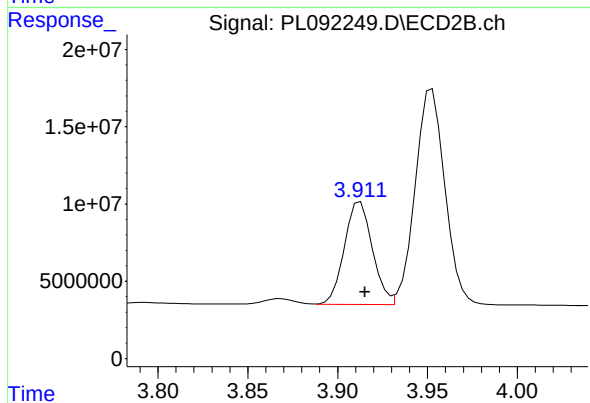
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 148132797
Conc: 43.55 ng/ml m



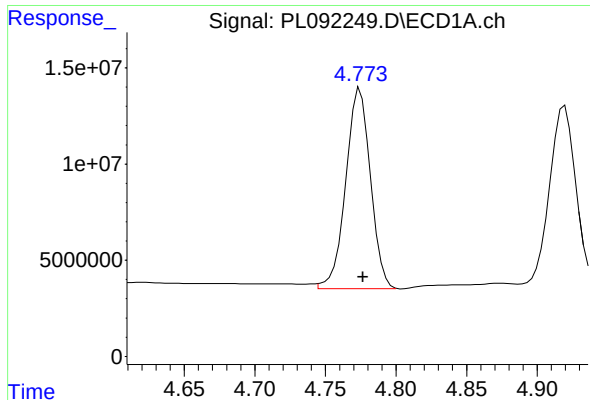
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 59522809
Conc: 44.88 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 72112803
Conc: 47.98 ng/ml



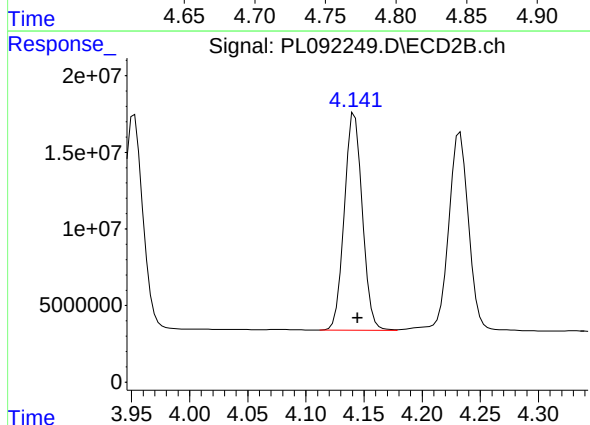
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 126563120
Conc: 43.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

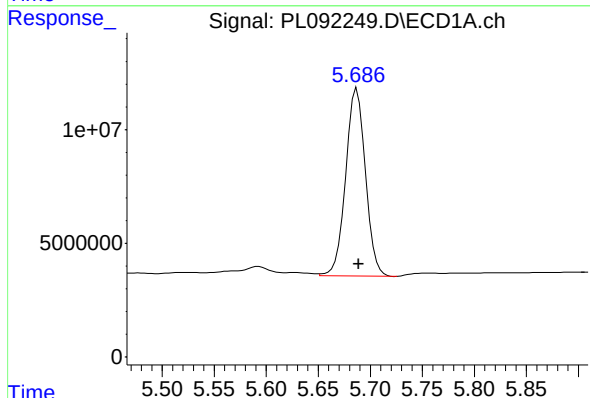
Manual Integrations
APPROVED

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



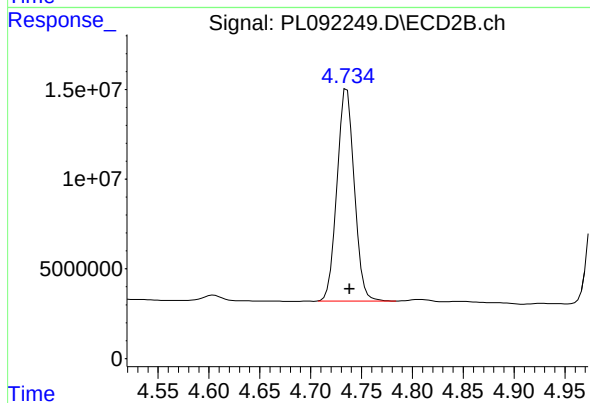
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 152301377
Conc: 43.87 ng/ml



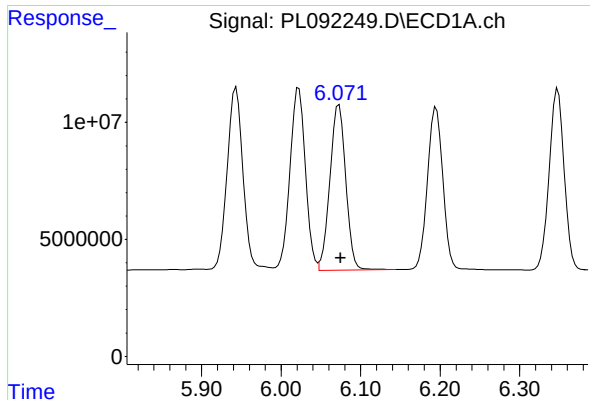
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 109132378
Conc: 42.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 140019137
Conc: 46.32 ng/ml



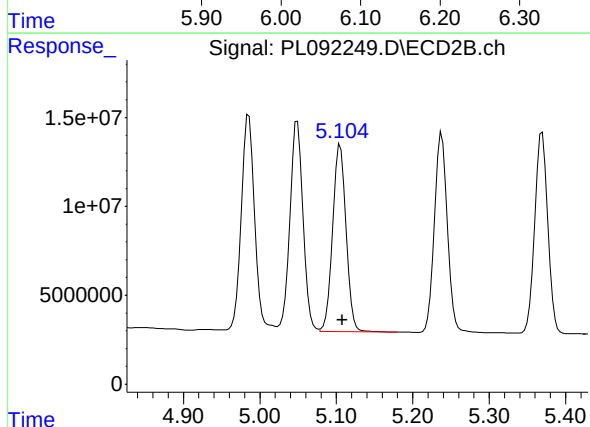
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 98298950
Conc: 42.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

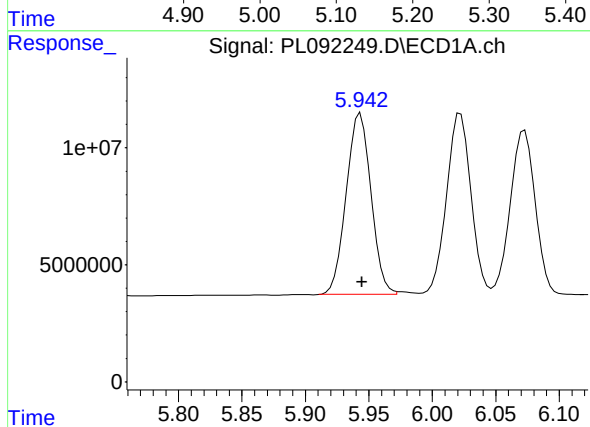
Manual Integrations
APPROVED

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



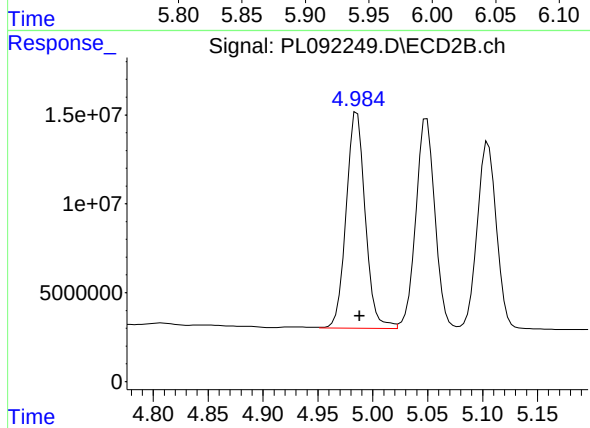
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 128378759
Conc: 46.77 ng/ml



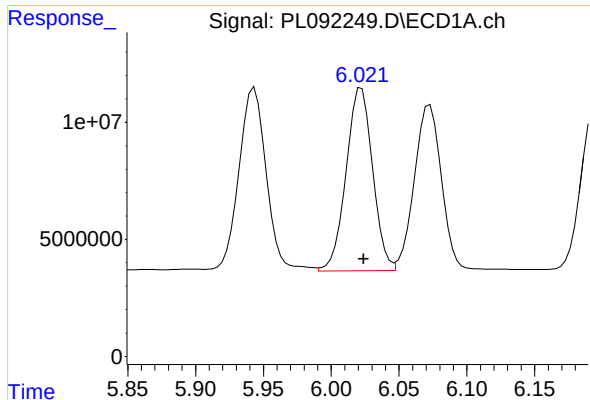
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 104947627
Conc: 42.47 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 147179162
Conc: 48.92 ng/ml



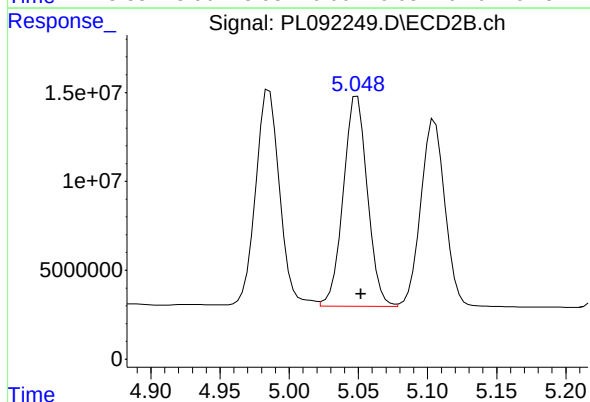
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 106456797
Conc: 43.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

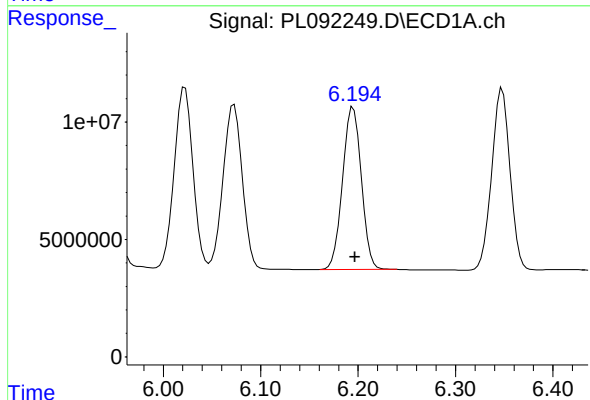
Manual Integrations
APPROVED

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



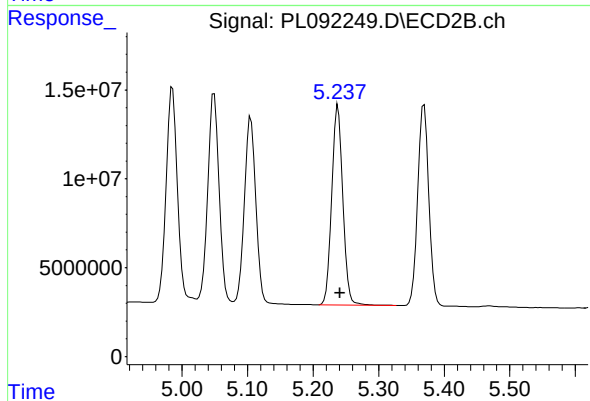
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 143396167
Conc: 47.90 ng/ml



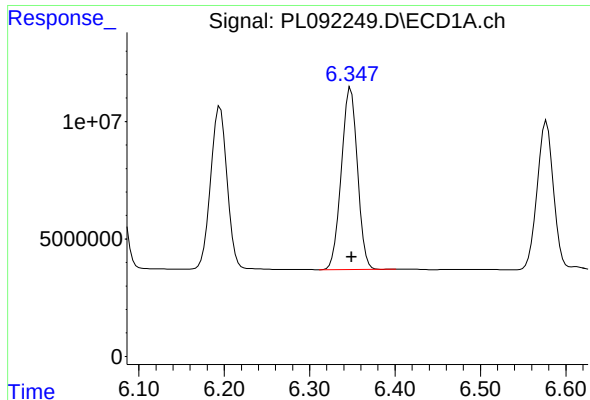
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 92539892
Conc: 42.75 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 132246058
Conc: 47.59 ng/ml



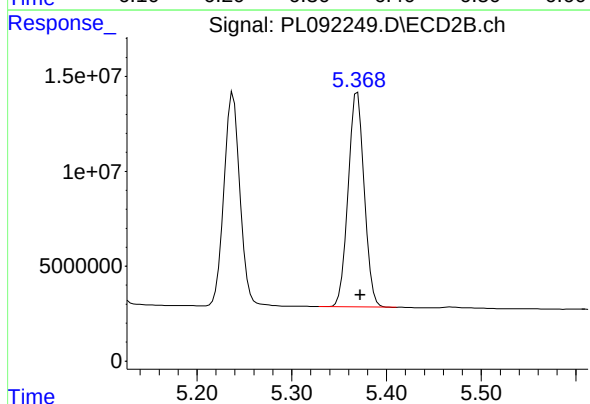
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 101220558
Conc: 41.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

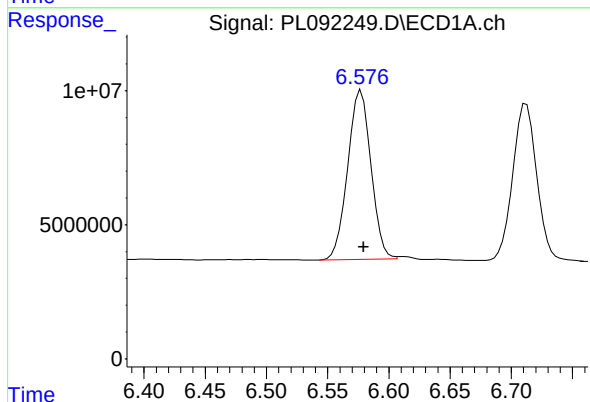
Manual Integrations
APPROVED

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



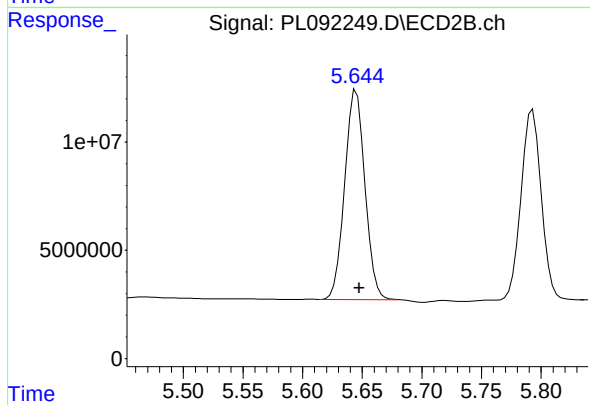
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 133376481
Conc: 45.49 ng/ml



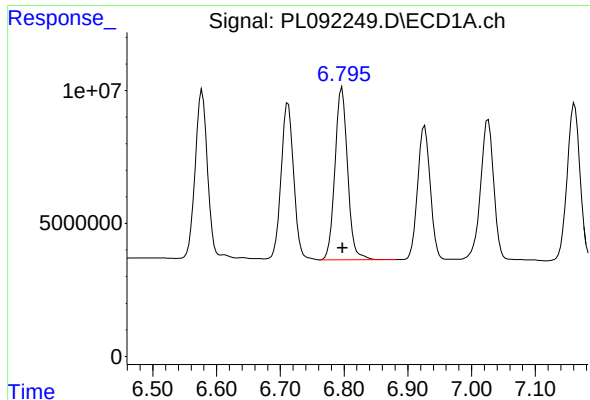
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 83653840
Conc: 40.59 ng/ml m



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 114419861
Conc: 43.64 ng/ml m



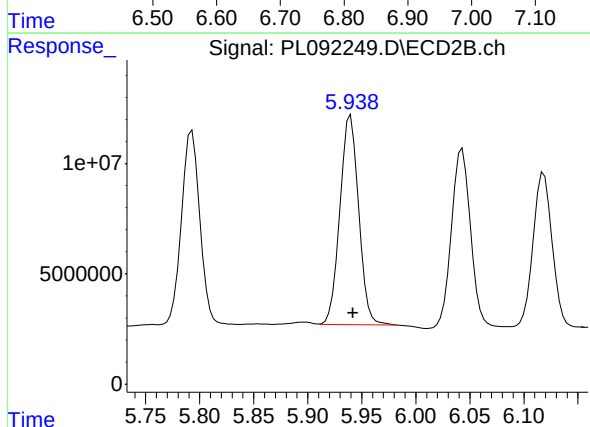
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 89355615
Conc: 40.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

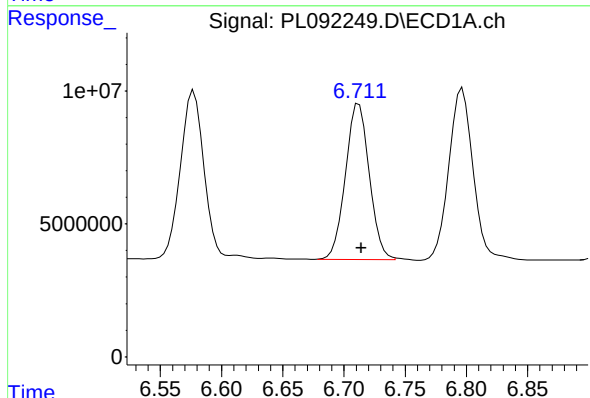
Manual Integrations
APPROVED

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



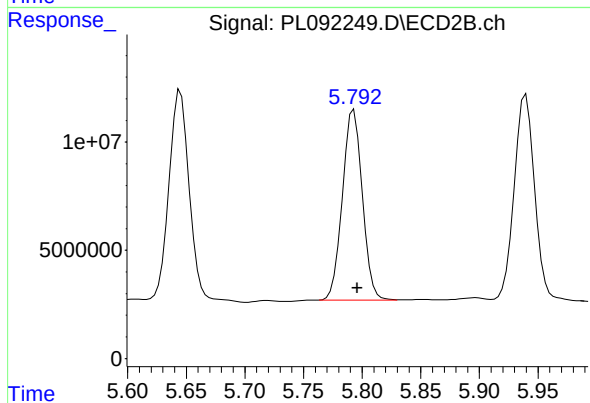
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 114752500
Conc: 45.86 ng/ml



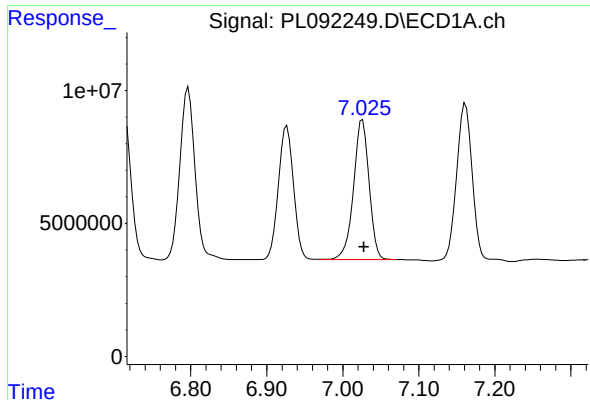
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 79503090
Conc: 44.27 ng/ml m



#16 4,4'-DDD

R.T.: 5.792 min
Delta R.T.: -0.004 min
Response: 103614667
Conc: 48.50 ng/ml m



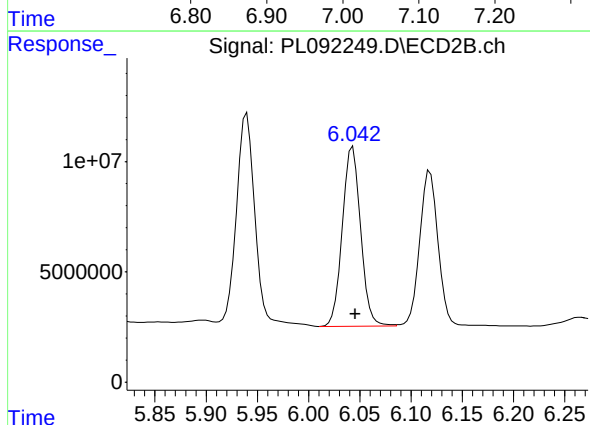
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 75156060
Conc: 40.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

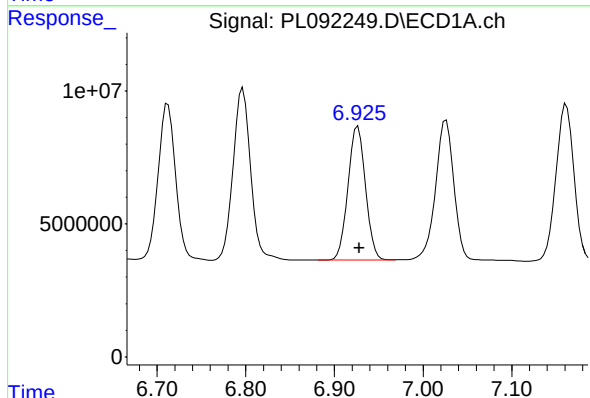
Manual Integrations
APPROVED

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



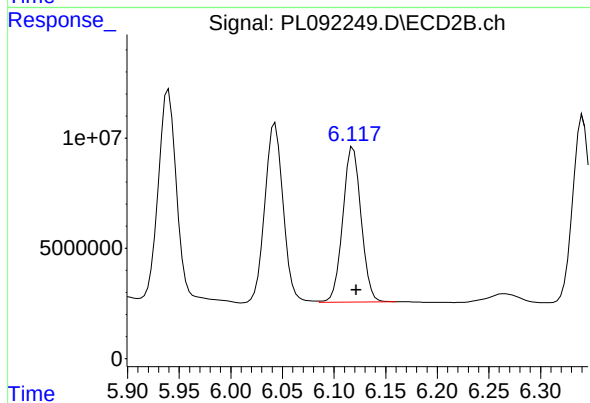
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 100663850
Conc: 43.52 ng/ml



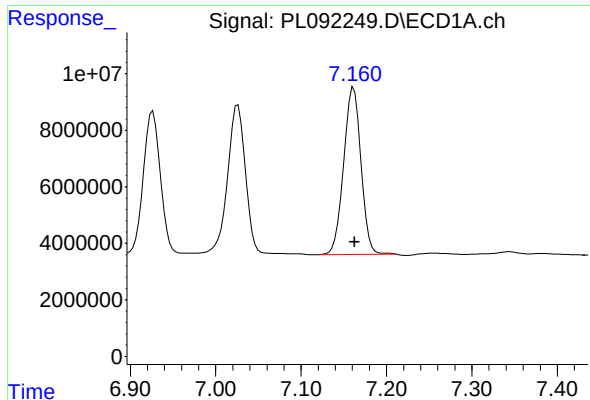
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 69286494
Conc: 39.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 86761807
Conc: 42.52 ng/ml



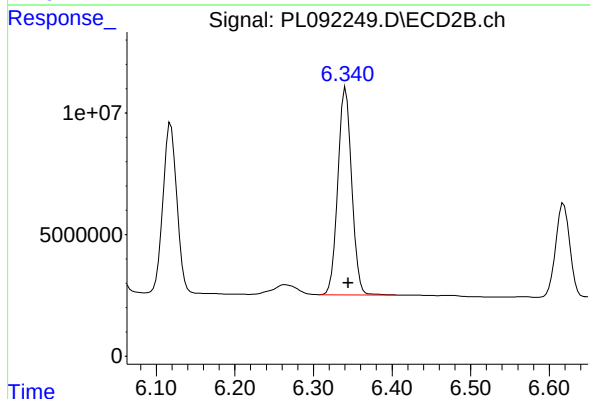
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 83497052
Conc: 42.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

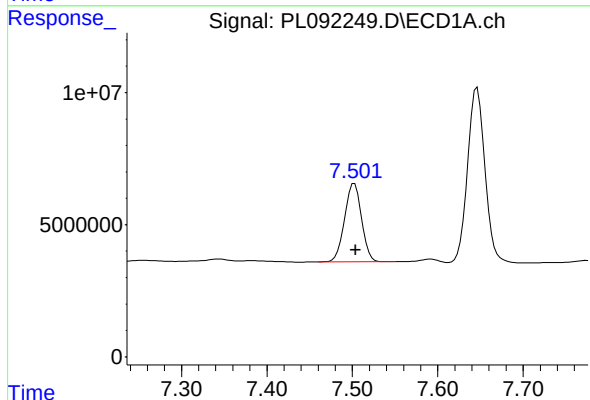
Manual Integrations APPROVED

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



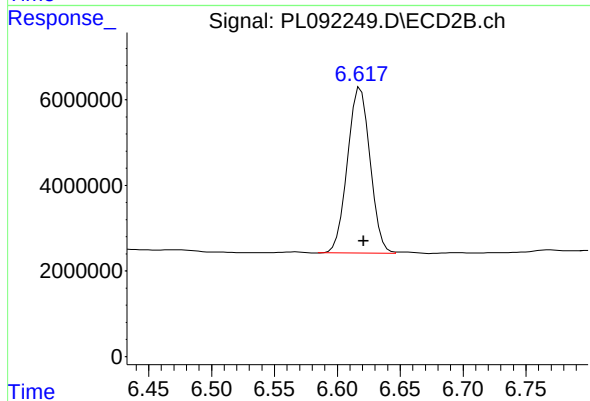
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 104182256
Conc: 43.18 ng/ml



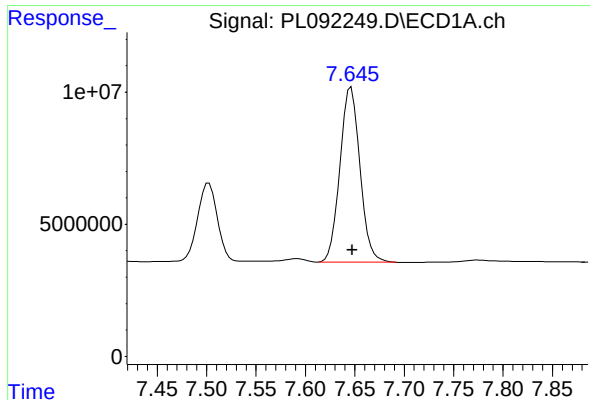
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 40919934
Conc: 41.68 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 48348378
Conc: 38.67 ng/ml m



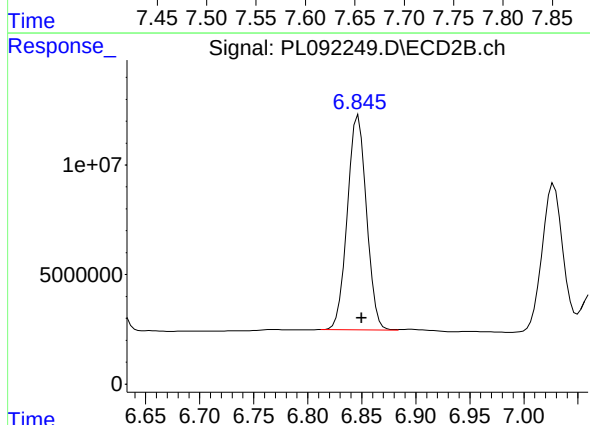
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 93290140
Conc: 42.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

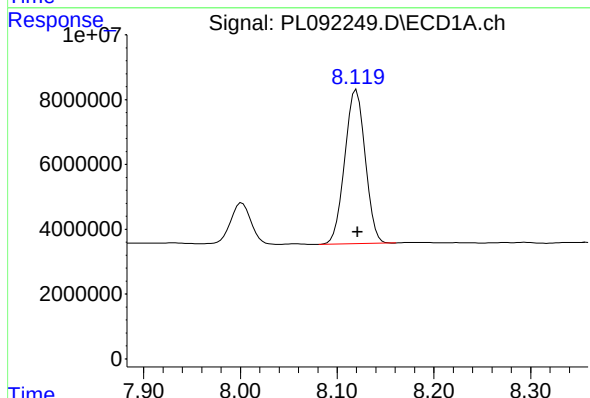
Manual Integrations
APPROVED

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



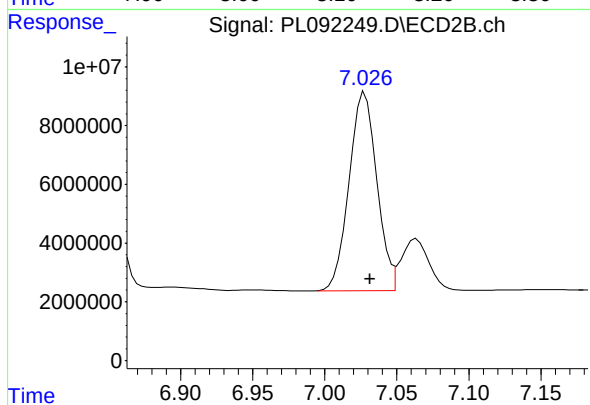
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 120887211
Conc: 43.66 ng/ml



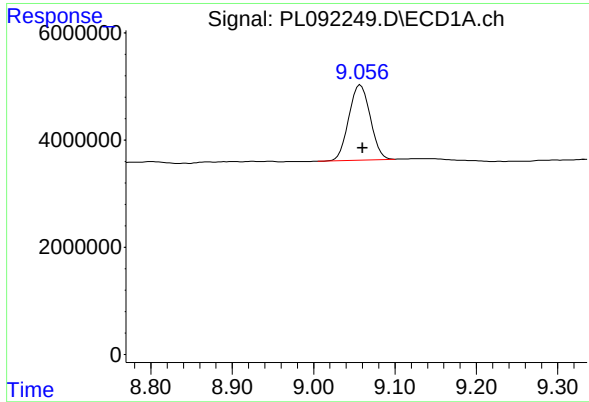
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 69569203
Conc: 38.63 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: -0.005 min
Response: 90201851
Conc: 37.08 ng/ml m



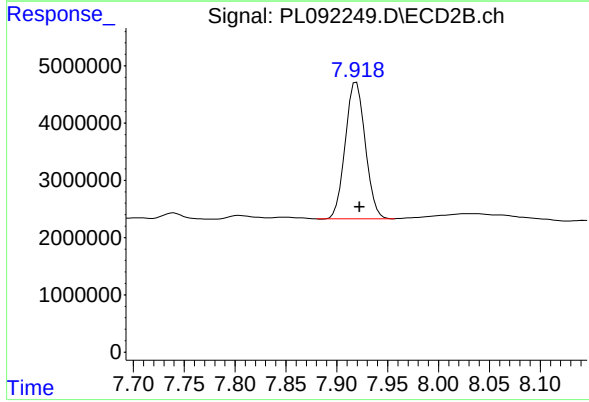
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.003 min
Response: 25752186
Conc: 15.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
IB-4MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 32614573
Conc: 13.04 ng/ml