

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110824\
 Data File : PL092921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2024 12:56
 Operator : AR\AJ
 Sample : PB164753BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164753BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 22:09:42 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...	3.549	2.779	46041510	48837690	18.791	17.947
28)	SA Decachlor...	9.069	7.921	38911091	54737375	20.218	20.056
Target Compounds							
2)	A alpha-BHC	4.005	3.282	165.2E6	203.6E6	48.698	51.030
3)	MA gamma-BHC...	4.338	3.613	156.6E6	195.0E6	48.048	50.529
4)	MA Heptachlor	4.925	3.952	149.7E6	199.5E6	49.843m	52.852
5)	MB Aldrin	5.268	4.232	143.9E6	188.2E6	47.959	51.424
6)	B beta-BHC	4.536	3.913	71560642	86247395	49.507	52.390
7)	B delta-BHC	4.783	4.142	137.6E6	174.5E6	43.962	45.413
8)	B Heptachlo...	5.695	4.734	135.0E6	178.5E6	48.874	53.422
9)	A Endosulfan I	6.080	5.105	125.1E6	168.3E6	50.027	55.113
10)	B gamma-Chl...	5.951	4.985	134.5E6	185.7E6	50.568	55.238
11)	B alpha-Chl...	6.030	5.049	133.4E6	182.6E6	50.393	54.908
12)	B 4,4'-DDE	6.203	5.238	121.5E6	180.3E6	51.271	55.958
13)	MA Dieldrin	6.355	5.369	132.3E6	185.5E6	50.196	55.536
14)	MA Endrin	6.584	5.645	104.6E6	155.4E6	45.948m	53.709
15)	B Endosulfa...	6.805	5.940	118.5E6	163.5E6	49.723	57.706
16)	A 4,4'-DDD	6.720	5.793	102.5E6	148.5E6	53.387	59.652
17)	MA 4,4'-DDT	7.035	6.044	105.0E6	151.0E6	50.708	56.310
18)	B Endrin al...	6.935	6.119	92912750	127.5E6	49.475	55.258
19)	B Endosulfa...	7.169	6.342	106.8E6	150.3E6	49.187	55.725
20)	A Methoxychlor	7.510	6.619	55558614	75128077	48.736	52.610
21)	B Endrin ke...	7.655	6.848	123.3E6	177.3E6	50.903	57.772
22)	Mirex	8.128	7.028	85387823	122.9E6	43.088	47.091

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110824\
Data File : PL092921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2024 12:56
Operator : AR\AJ
Sample : PB164753BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

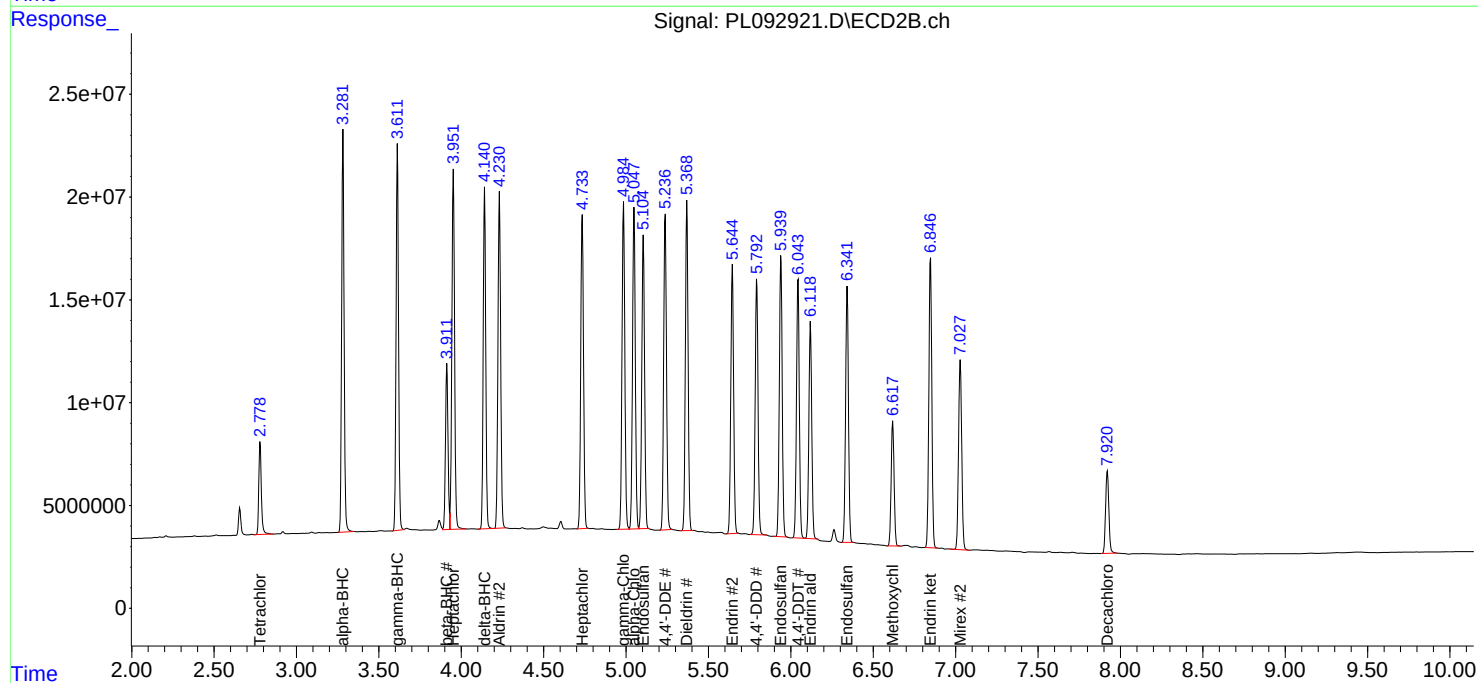
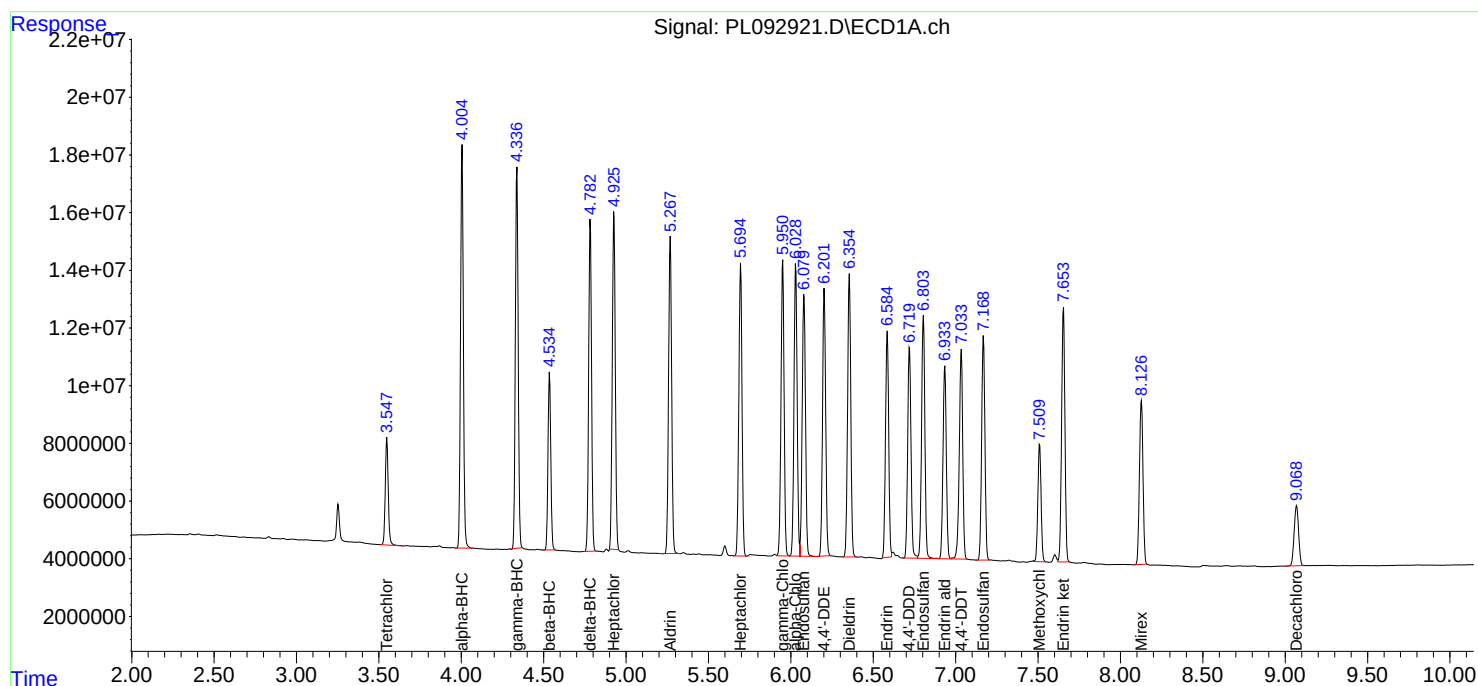
Instrument :
ECD_L
ClientSampleId :
PB164753BS

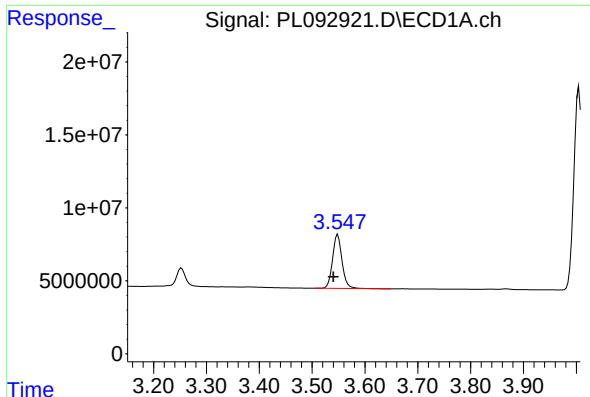
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 22:09:42 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





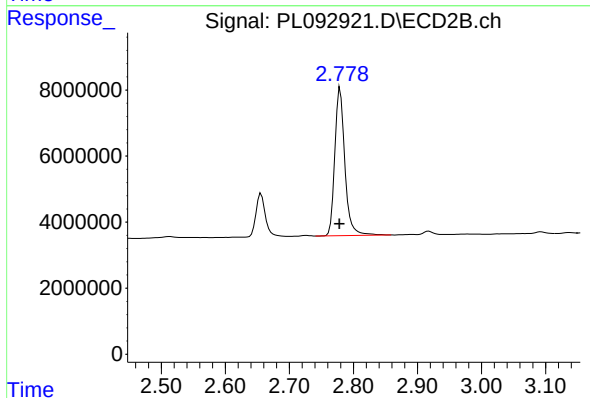
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 46041510
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

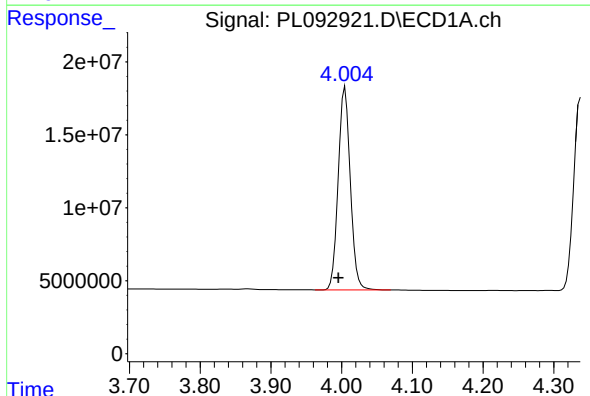
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



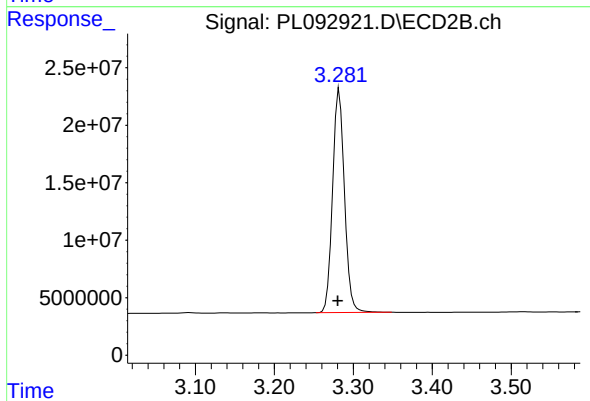
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.002 min
Response: 48837690
Conc: 17.95 ng/ml



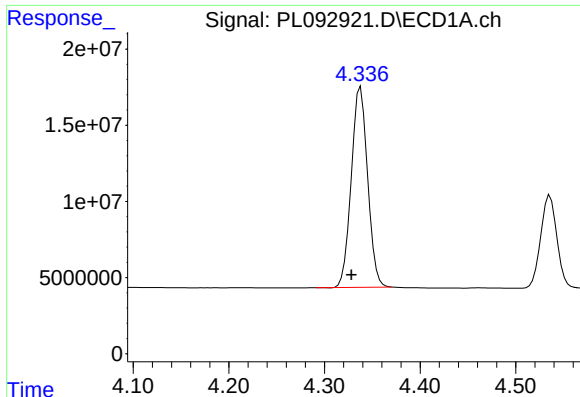
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.009 min
Response: 165161070
Conc: 48.70 ng/ml



#2 alpha-BHC

R.T.: 3.282 min
Delta R.T.: 0.002 min
Response: 203619847
Conc: 51.03 ng/ml



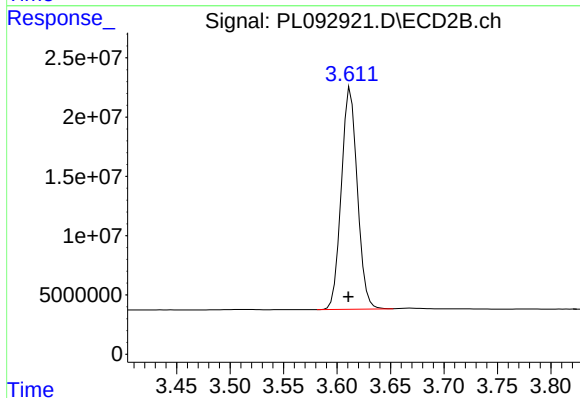
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.010 min
Response: 156614774
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

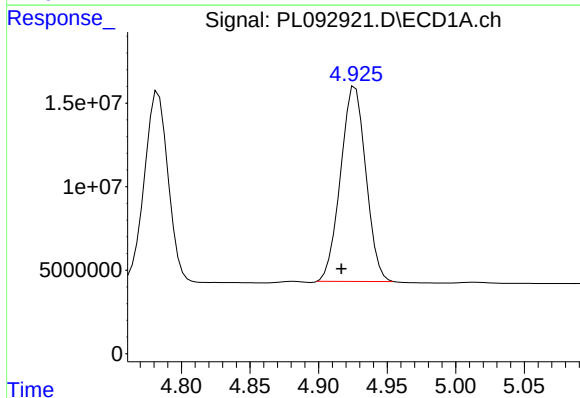
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



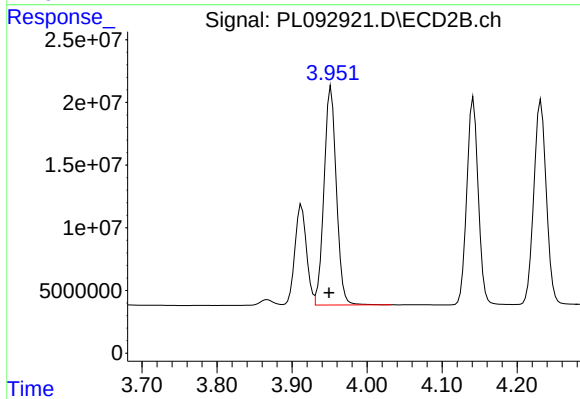
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: 0.002 min
Response: 195015479
Conc: 50.53 ng/ml



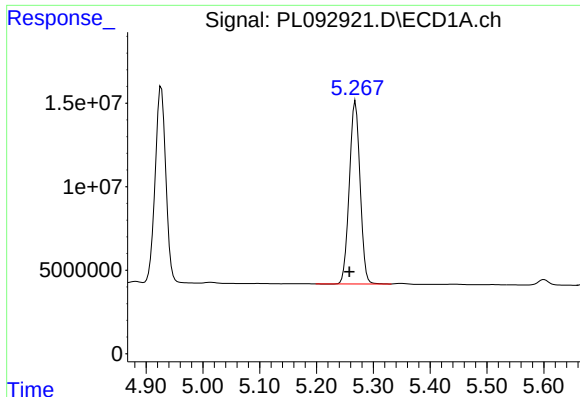
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.009 min
Response: 149685006
Conc: 49.84 ng/ml m



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: 0.003 min
Response: 199460578
Conc: 52.85 ng/ml



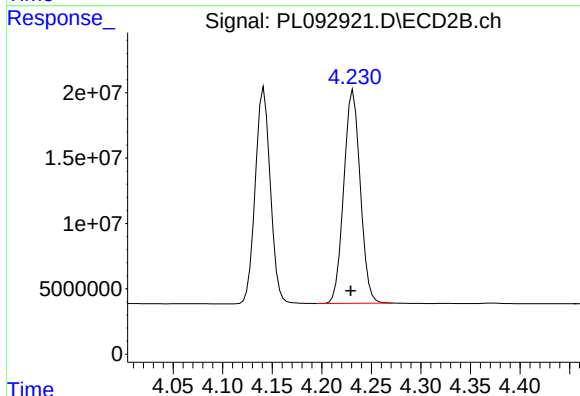
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.011 min
Response: 143948016
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

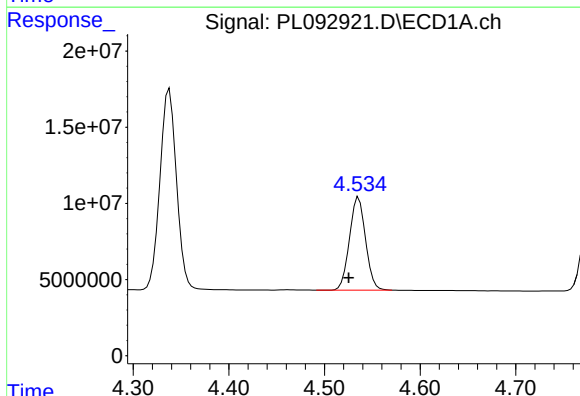
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



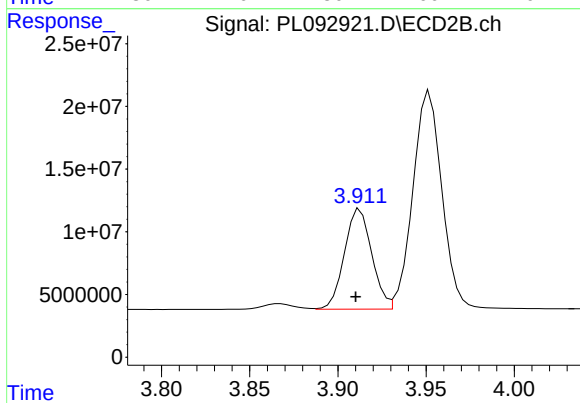
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: 0.002 min
Response: 188223197
Conc: 51.42 ng/ml



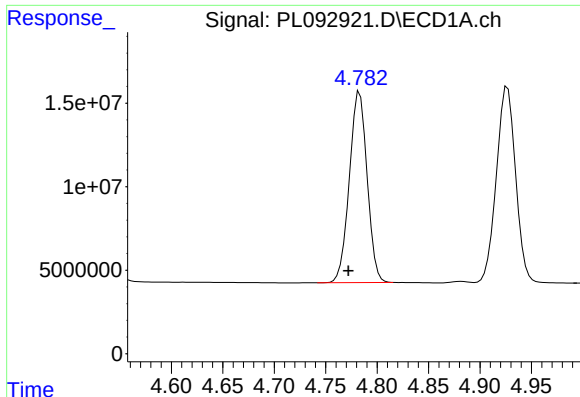
#6 beta-BHC

R.T.: 4.536 min
Delta R.T.: 0.011 min
Response: 71560642
Conc: 49.51 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: 0.003 min
Response: 86247395
Conc: 52.39 ng/ml



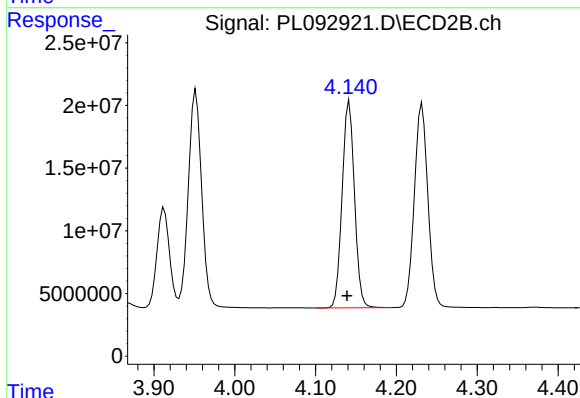
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.011 min
Response: 137594713
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

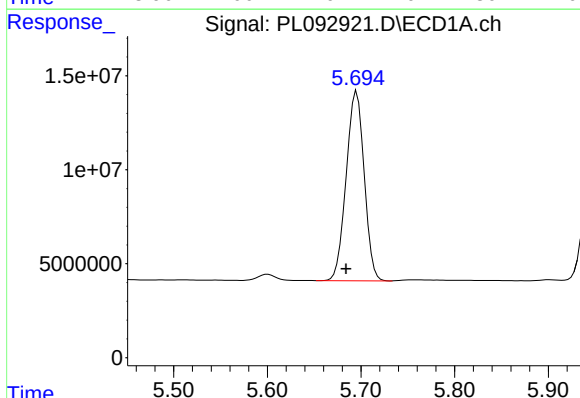
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



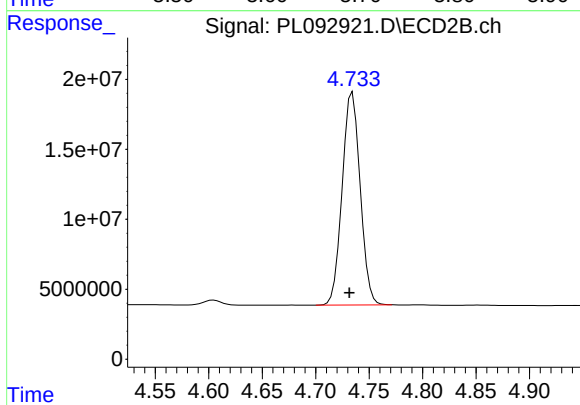
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: 0.003 min
Response: 174528699
Conc: 45.41 ng/ml



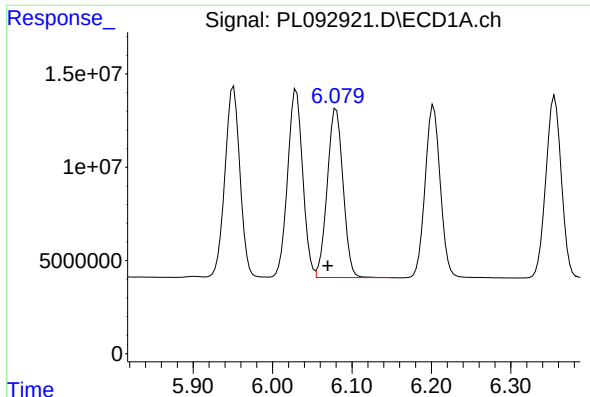
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.011 min
Response: 134961042
Conc: 48.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.003 min
Response: 178505021
Conc: 53.42 ng/ml



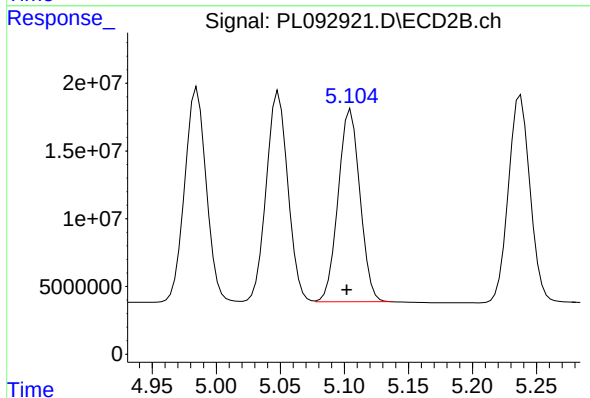
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.010 min
Response: 125134654
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

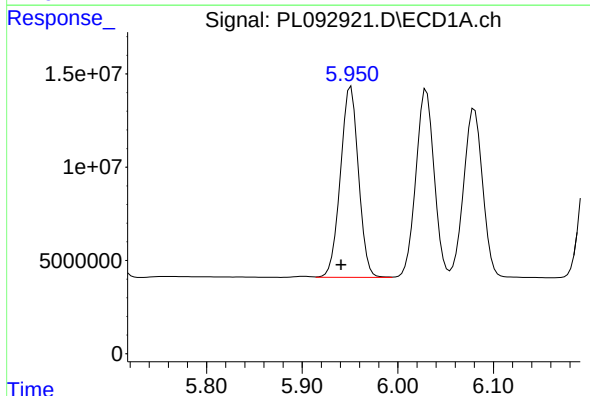
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



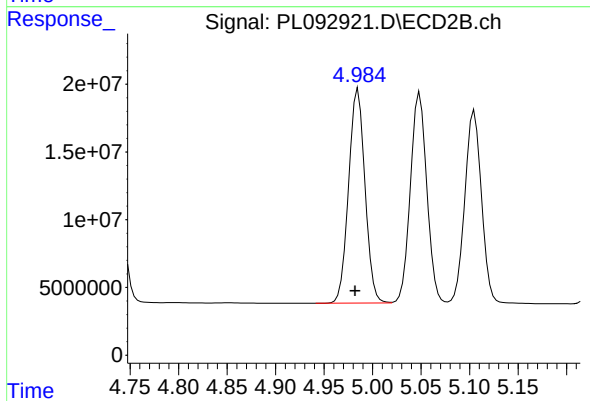
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: 0.003 min
Response: 168266932
Conc: 55.11 ng/ml



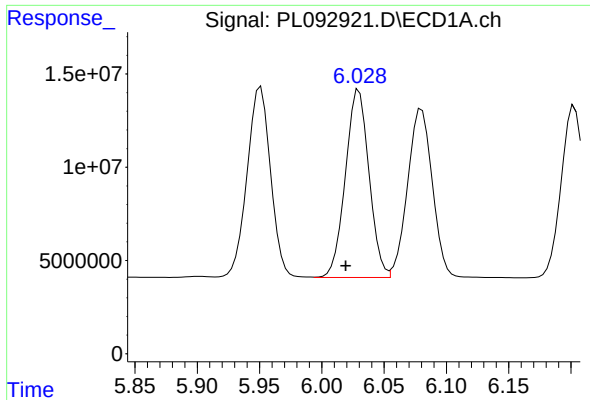
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.010 min
Response: 134544104
Conc: 50.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: 0.003 min
Response: 185693807
Conc: 55.24 ng/ml



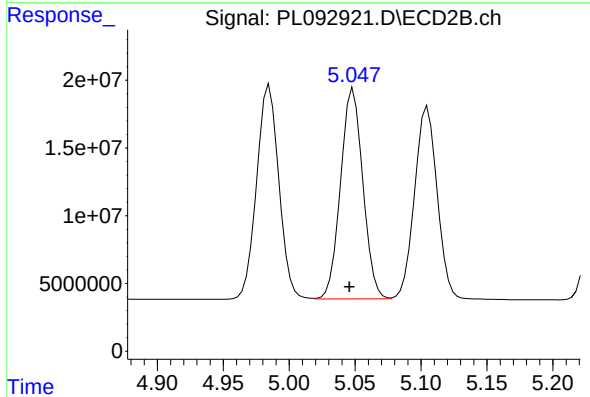
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.011 min
Response: 133448338
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

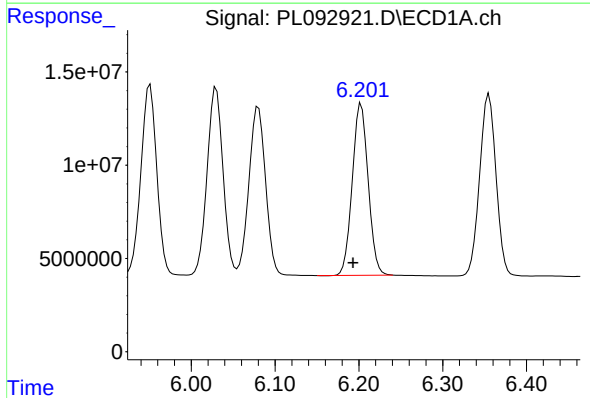
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



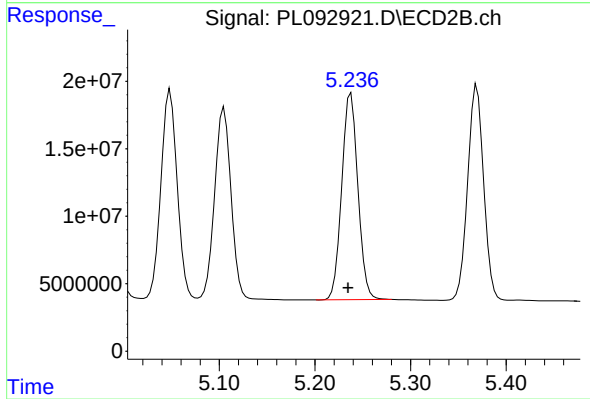
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: 0.003 min
Response: 182624311
Conc: 54.91 ng/ml



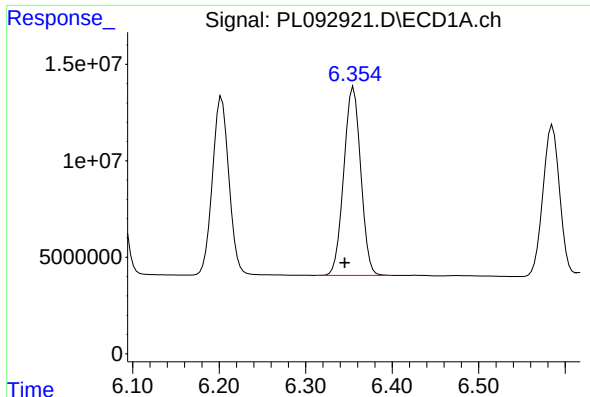
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.010 min
Response: 121469989
Conc: 51.27 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: 0.003 min
Response: 180275749
Conc: 55.96 ng/ml



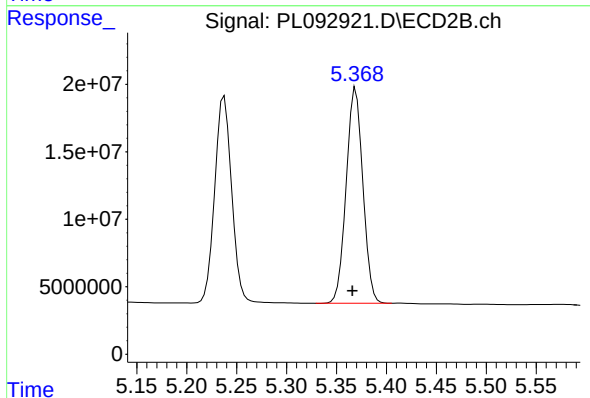
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: 0.010 min
Response: 132290098
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

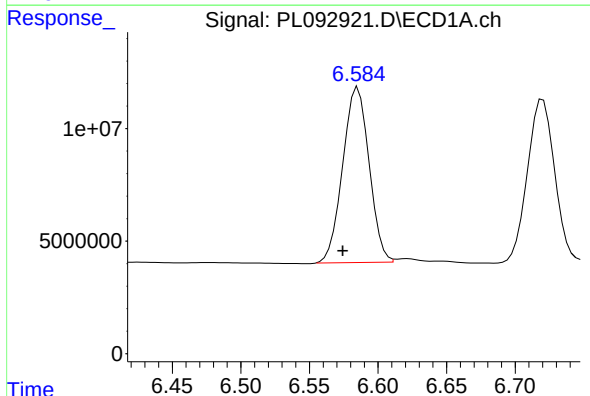
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



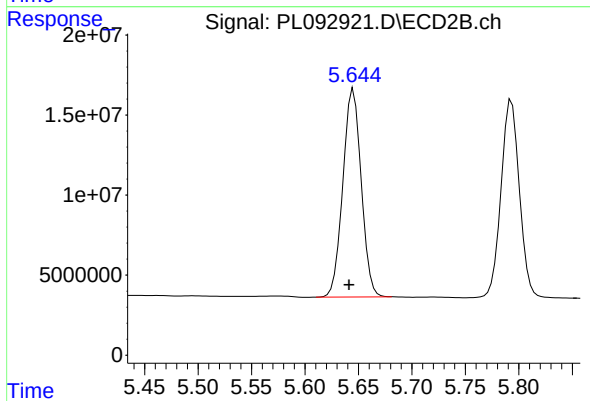
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: 0.003 min
Response: 185506836
Conc: 55.54 ng/ml



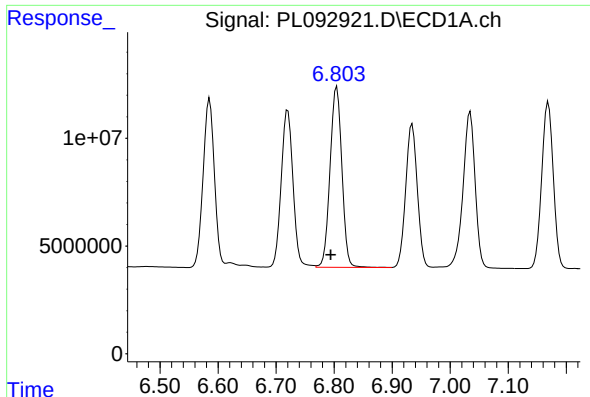
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.010 min
Response: 104607037
Conc: 45.95 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: 0.004 min
Response: 155379900
Conc: 53.71 ng/ml



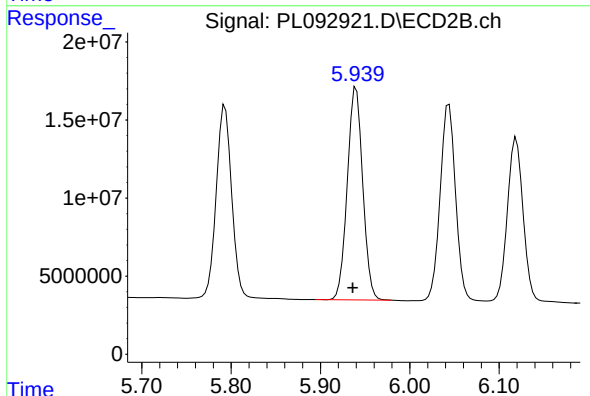
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.010 min
Response: 118532109
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

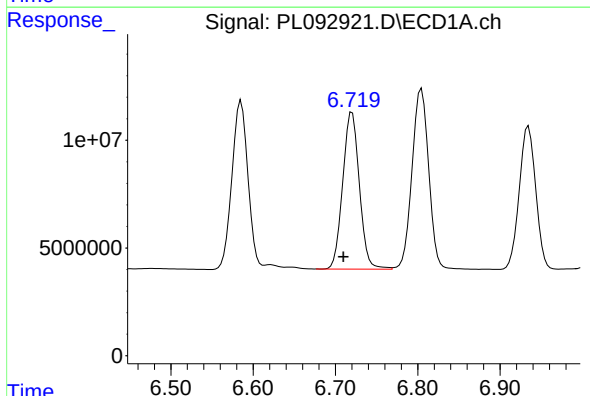
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



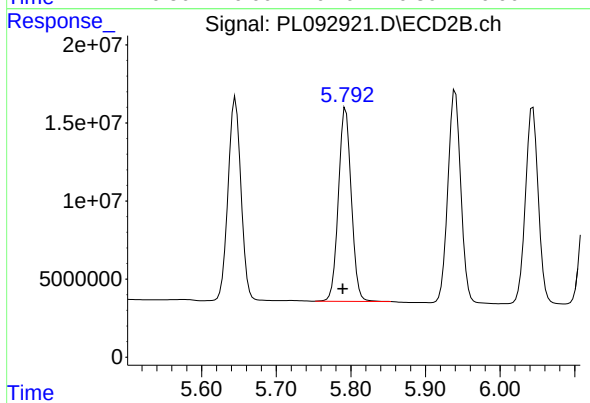
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: 0.004 min
Response: 163496925
Conc: 57.71 ng/ml



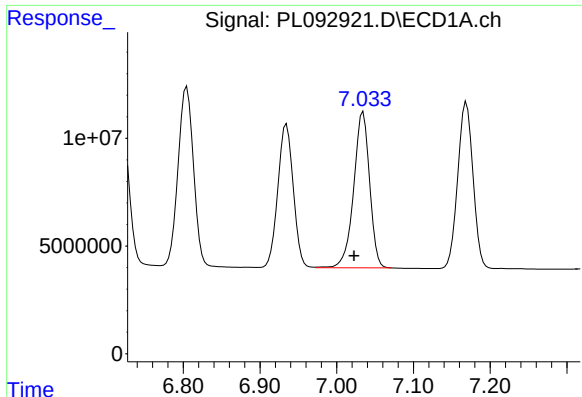
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.011 min
Response: 102478408
Conc: 53.39 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.004 min
Response: 148537391
Conc: 59.65 ng/ml



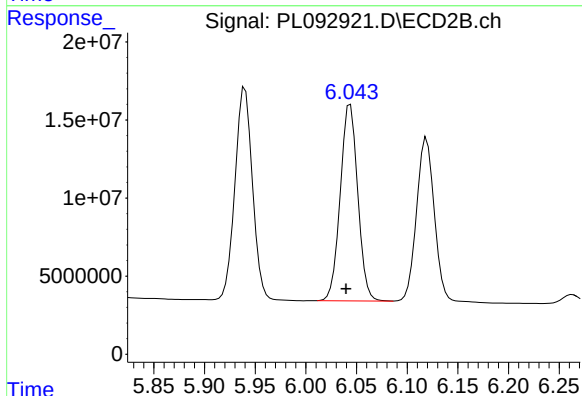
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.012 min
Response: 104953709
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

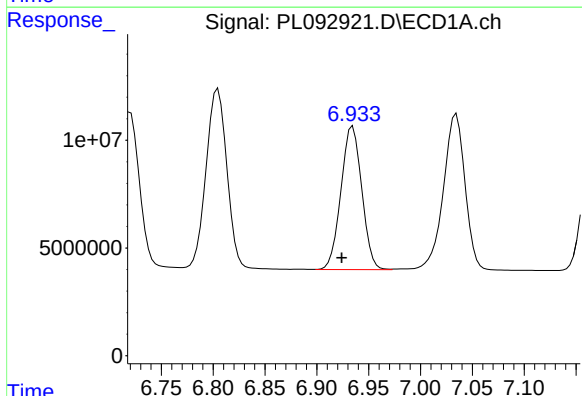
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



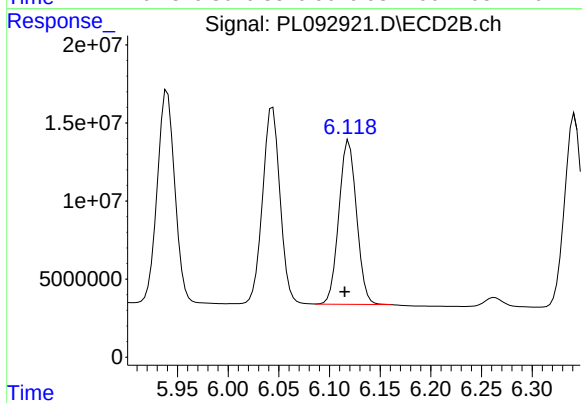
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: 0.004 min
Response: 151038839
Conc: 56.31 ng/ml



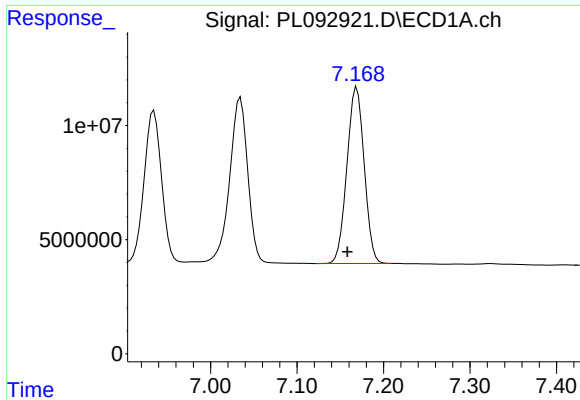
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.011 min
Response: 92912750
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: 0.004 min
Response: 127494696
Conc: 55.26 ng/ml



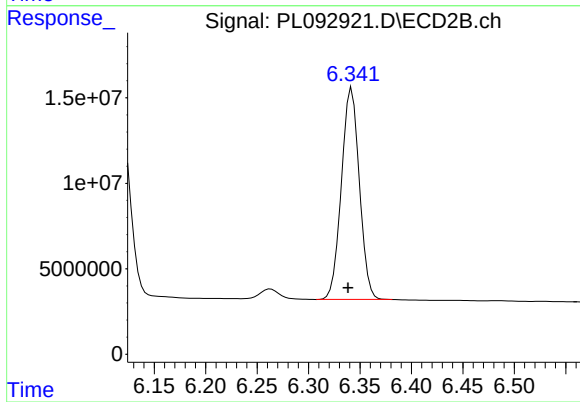
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.011 min
Response: 106752847
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

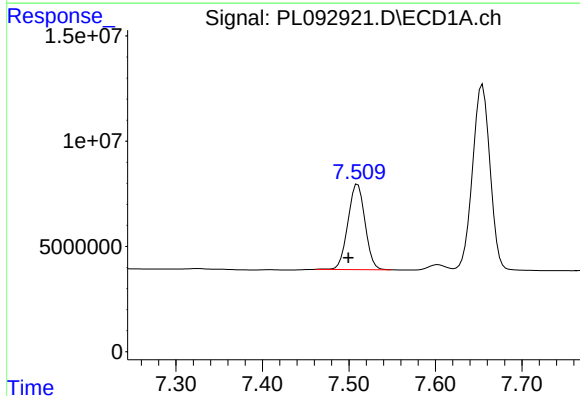
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



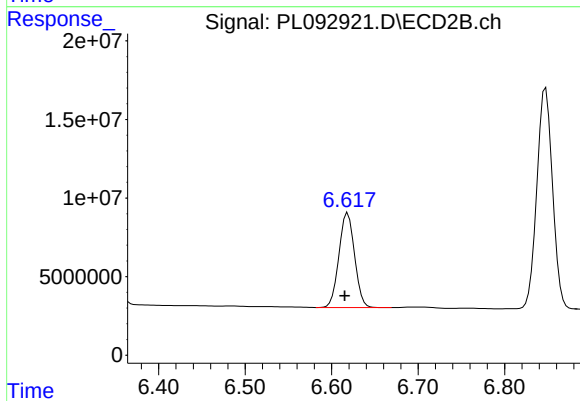
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: 0.004 min
Response: 150284462
Conc: 55.73 ng/ml



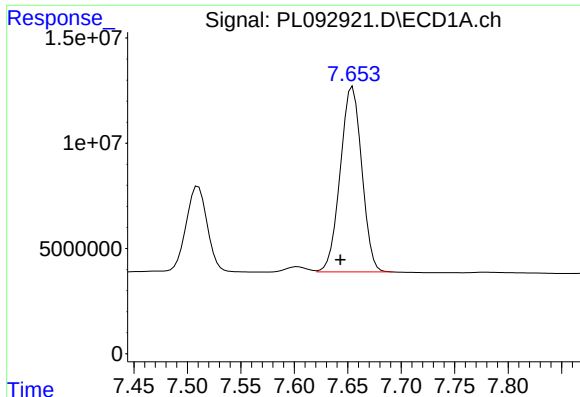
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.011 min
Response: 55558614
Conc: 48.74 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: 0.004 min
Response: 75128077
Conc: 52.61 ng/ml



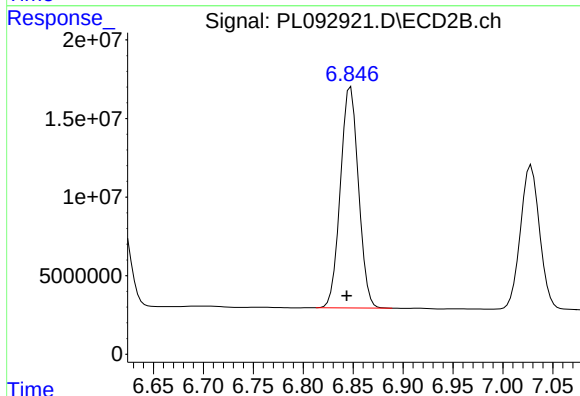
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.012 min
Response: 123329496
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

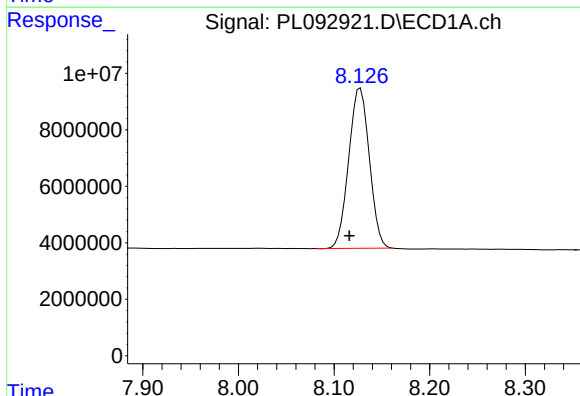
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



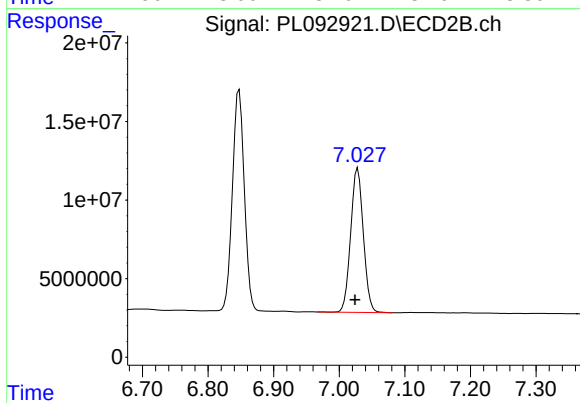
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: 0.004 min
Response: 177289755
Conc: 57.77 ng/ml



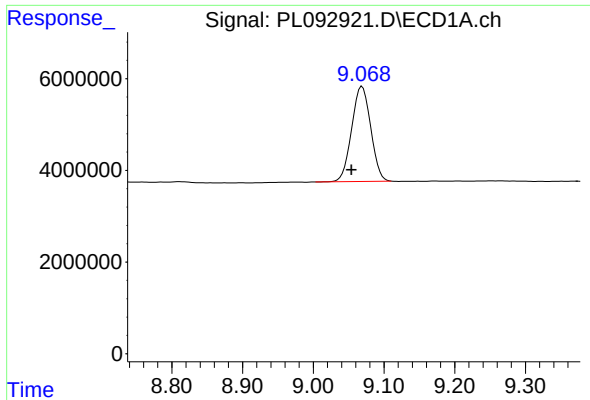
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.011 min
Response: 85387823
Conc: 43.09 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 122863291
Conc: 47.09 ng/ml



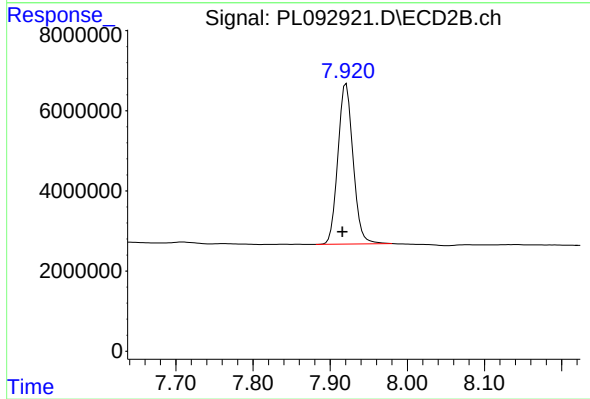
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.015 min
Response: 38911091
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2024
Supervised By :Ankita Jodhani 11/11/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: 0.005 min
Response: 54737375
Conc: 20.06 ng/ml