

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
 Data File : PL093374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2024 16:27
 Operator : AR\AJ
 Sample : PB165569BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165569BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2024
 Supervised By :Ankita Jodhani 12/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 02:06:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 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...	3.540	2.777	48393006	50469385	18.620	17.500
28)	SA Decachlor...	9.060	7.916	39489594	59292627	22.714	20.757
Target Compounds							
2)	A alpha-BHC	3.996	3.279	167.2E6	202.2E6	46.865	47.366
3)	MA gamma-BHC...	4.329	3.609	155.6E6	194.7E6	46.061	47.021
4)	MA Heptachlor	4.917	3.948	147.0E6	203.1E6	48.114	50.192
5)	MB Aldrin	5.259	4.227	139.3E6	190.0E6	46.330	47.741
6)	B beta-BHC	4.527	3.909	70411944	85127810	46.639	47.855
7)	B delta-BHC	4.774	4.138	144.6E6	190.8E6	43.695	44.726
8)	B Heptachlo...	5.686	4.730	129.3E6	180.7E6	46.565	49.601
9)	A Endosulfan I	6.072	5.100	118.6E6	164.5E6	48.725	49.207
10)	B gamma-Chl...	5.942	4.979	126.3E6	188.7E6	49.009	50.937m
11)	B alpha-Chl...	6.021	5.044	126.8E6	186.3E6	48.949	51.330
12)	B 4,4'-DDE	6.195	5.233	114.6E6	181.5E6	48.997	50.689
13)	MA Dieldrin	6.347	5.364	125.5E6	187.7E6	48.970	50.922
14)	MA Endrin	6.575	5.640	104.7E6	165.8E6	49.938m	51.995
15)	B Endosulfa...	6.797	5.935	109.8E6	166.2E6	50.357	52.448
16)	A 4,4'-DDD	6.711	5.788	92358455	144.4E6	50.406m	51.506
17)	MA 4,4'-DDT	7.027	6.038	99545588	154.0E6	51.636	51.982
18)	B Endrin al...	6.927	6.115	87077264	128.7E6	48.199	49.073
19)	B Endosulfa...	7.162	6.338	102.0E6	154.7E6	49.192	50.896
20)	A Methoxychlor	7.504	6.614	51495857	78542358	49.284	51.438
21)	B Endrin ke...	7.647	6.843	114.3E6	177.3E6	50.347	52.805
22)	Mirex	8.120	7.024	85806234	130.7E6	47.505	48.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121124\
Data File : PL093374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2024 16:27
Operator : AR\AJ
Sample : PB165569BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

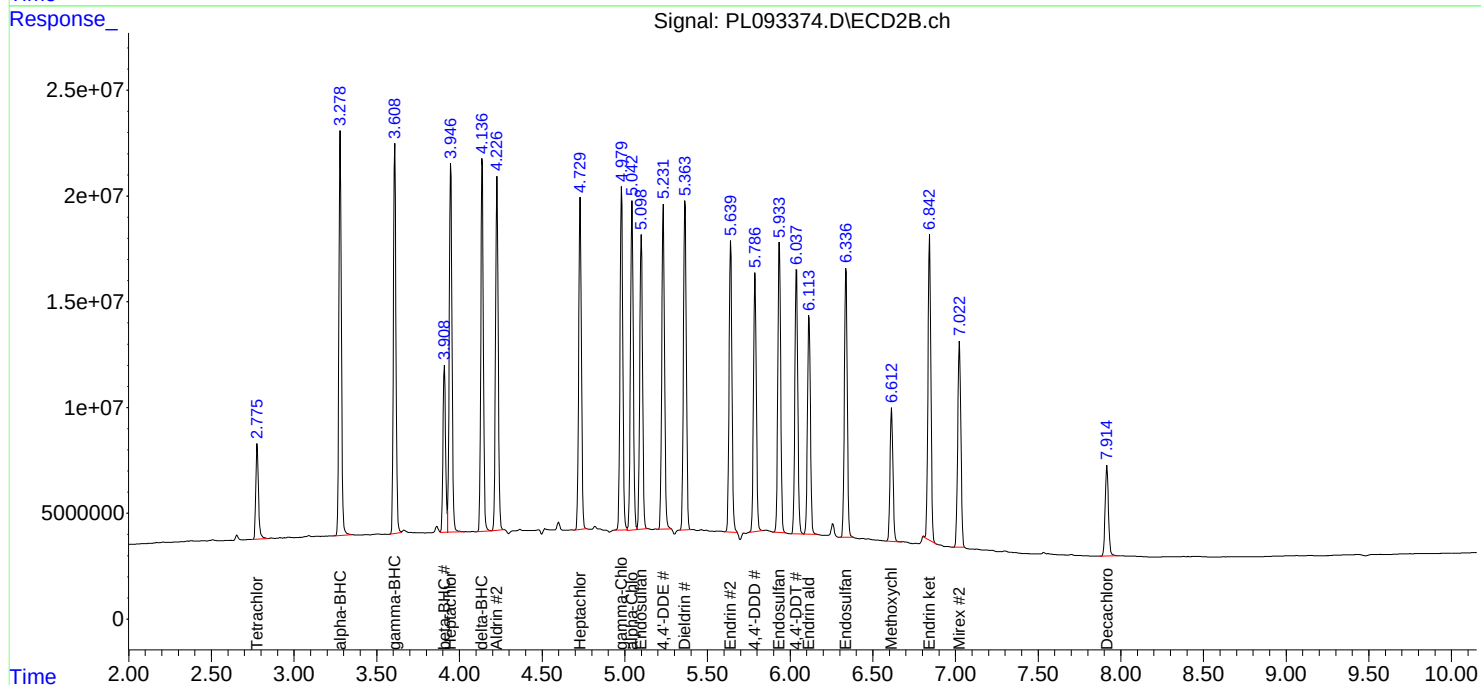
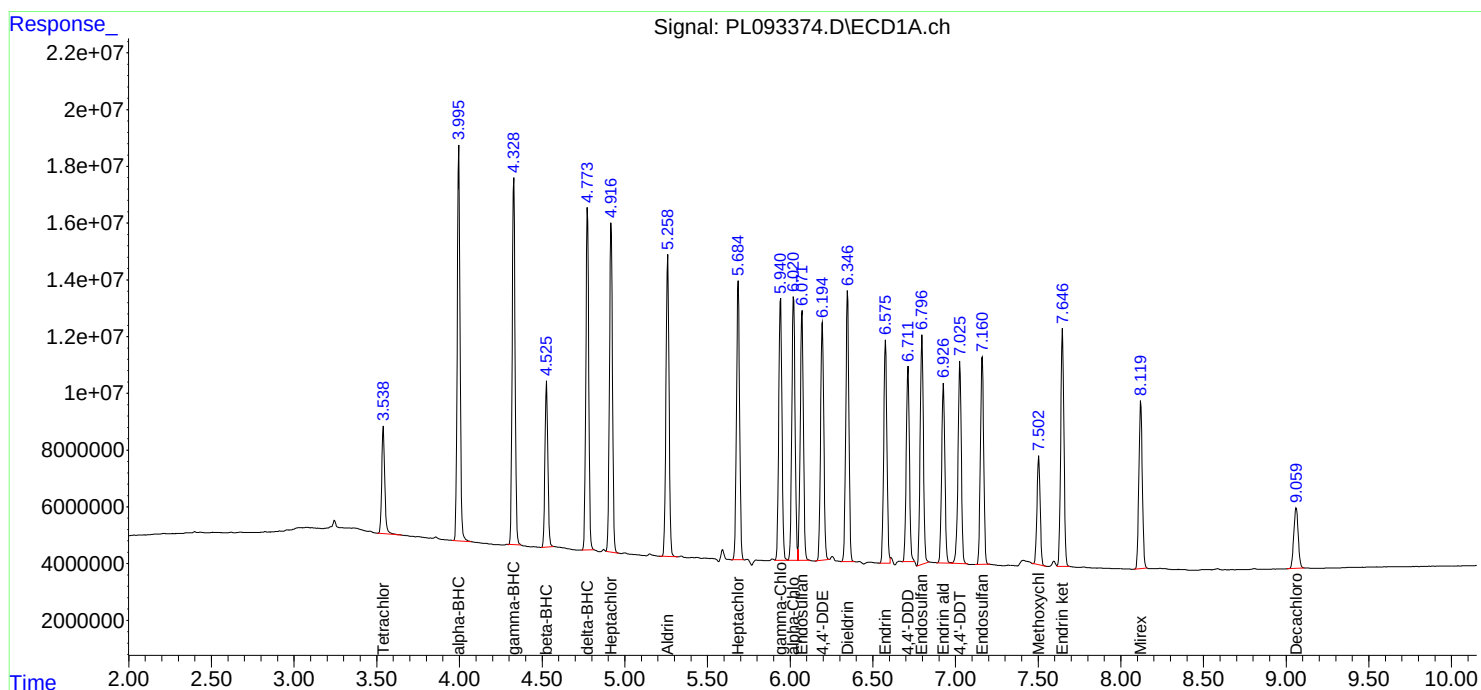
Instrument :
ECD_L
ClientSampleId :
PB165569BSD

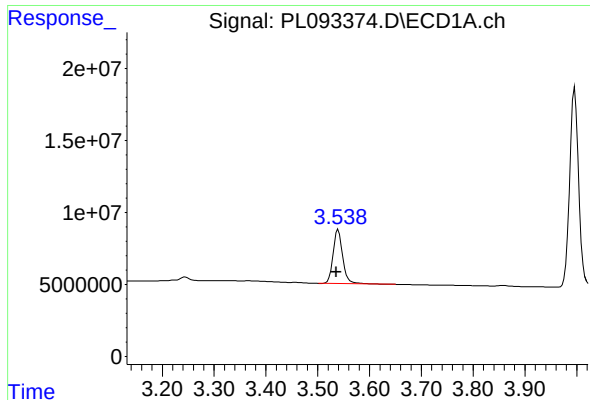
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/12/2024
Supervised By : Ankita Jodhani 12/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 02:06:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 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





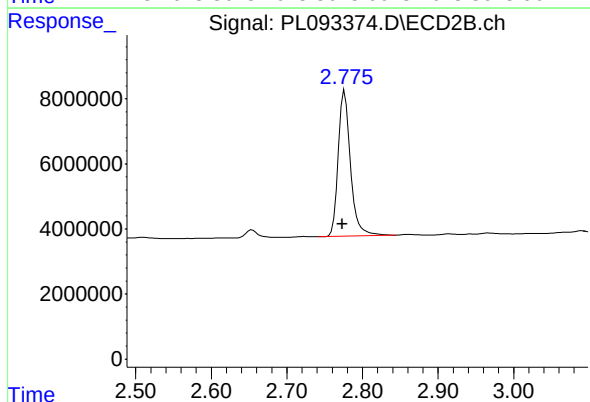
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.004 min
Response: 48393006
Conc: 18.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

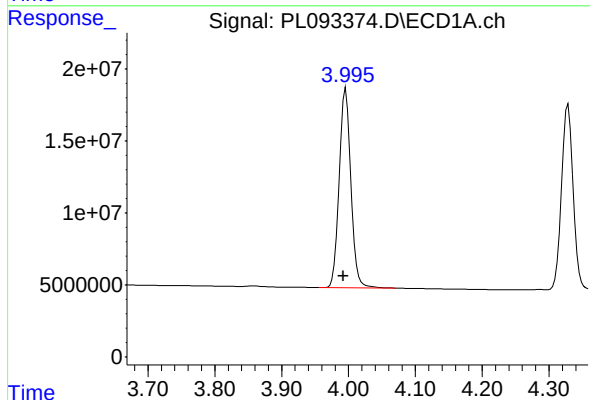
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



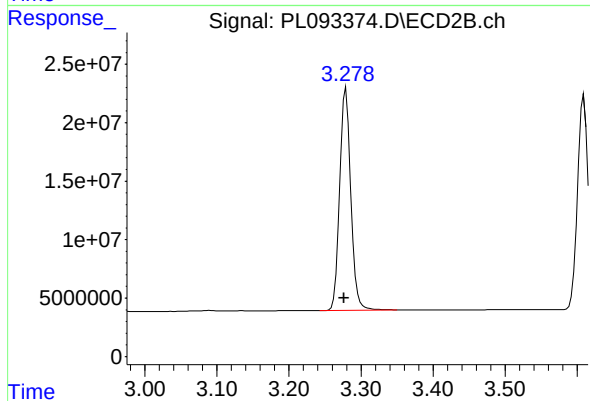
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.003 min
Response: 50469385
Conc: 17.50 ng/ml



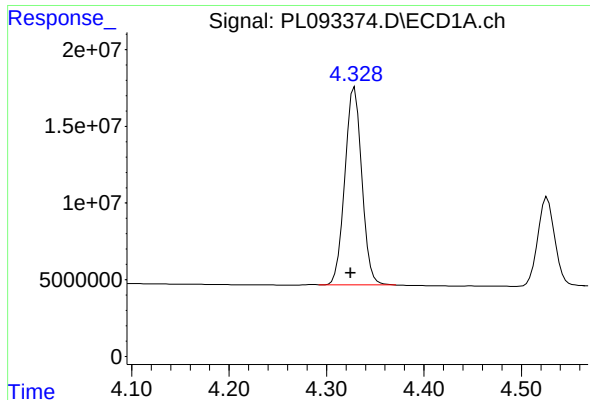
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.004 min
Response: 167234127
Conc: 46.86 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: 0.003 min
Response: 202224004
Conc: 47.37 ng/ml



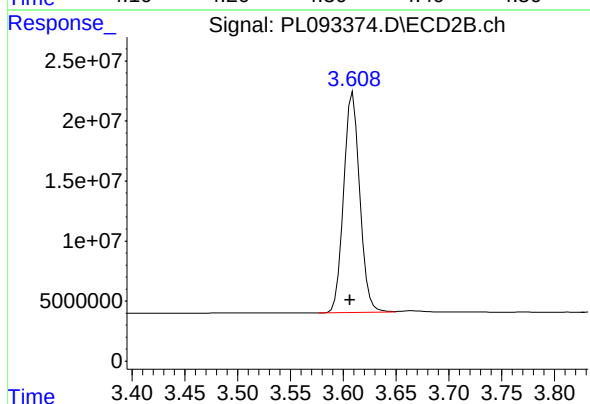
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 155623339
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

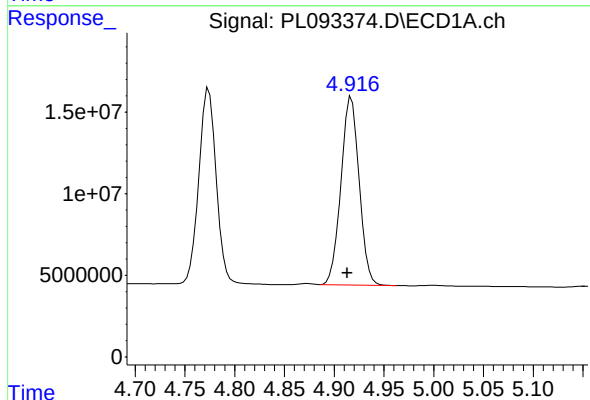
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



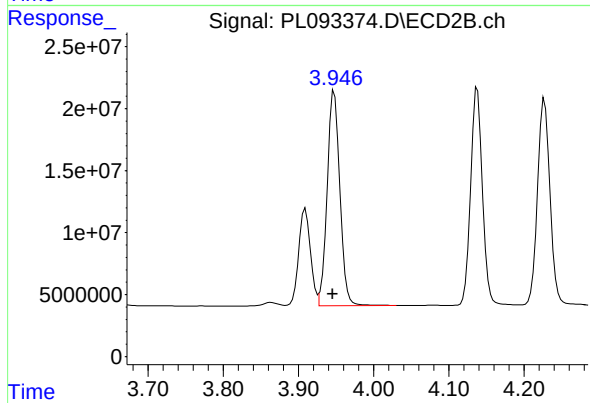
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.003 min
Response: 194654220
Conc: 47.02 ng/ml



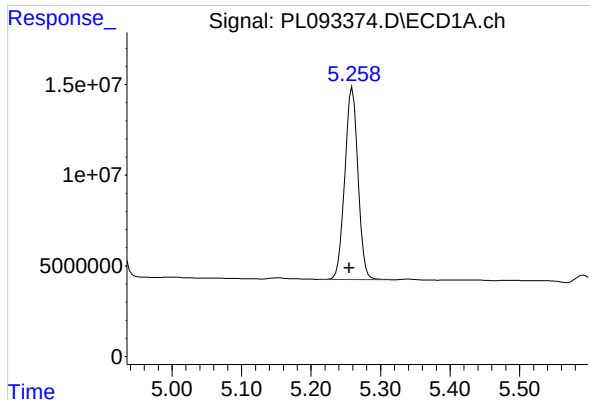
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.004 min
Response: 147042828
Conc: 48.11 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: 0.002 min
Response: 203055312
Conc: 50.19 ng/ml



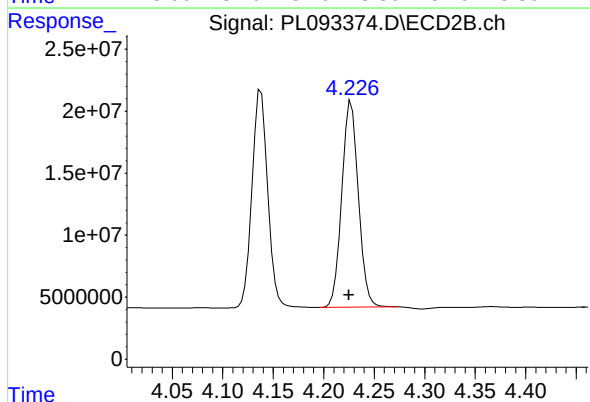
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.005 min
Response: 139322595
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

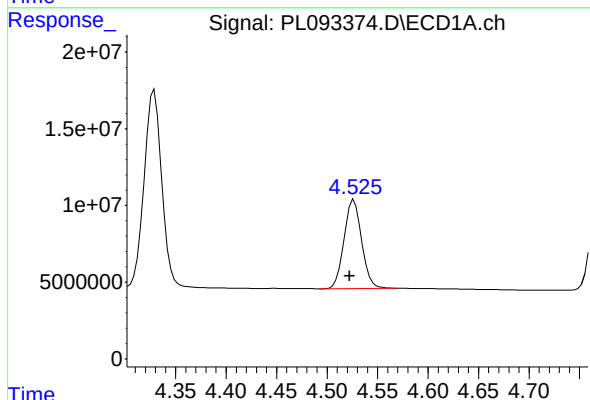
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



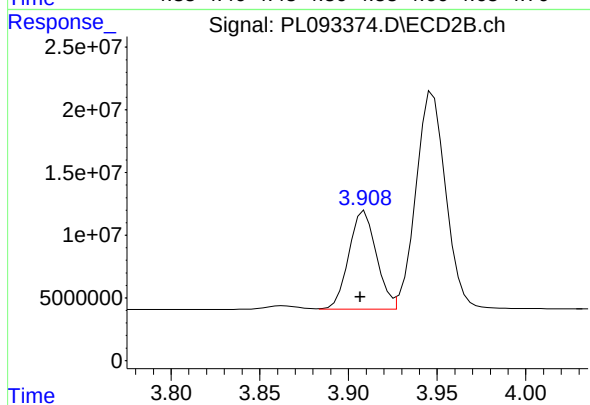
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.002 min
Response: 189953855
Conc: 47.74 ng/ml



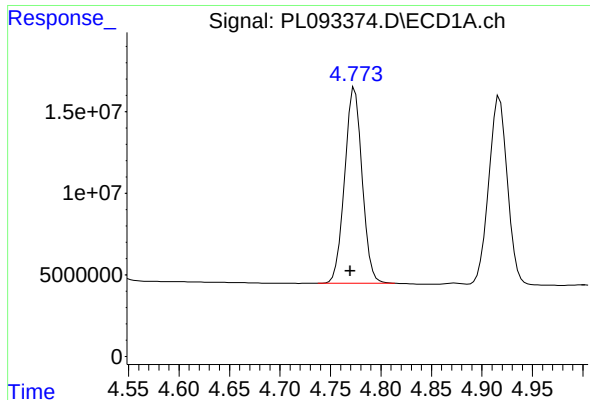
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 70411944
Conc: 46.64 ng/ml



#6 beta-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 85127810
Conc: 47.86 ng/ml



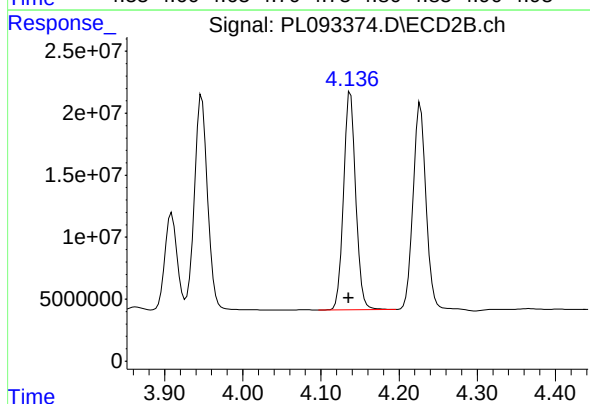
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 144569656
Conc: 43.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

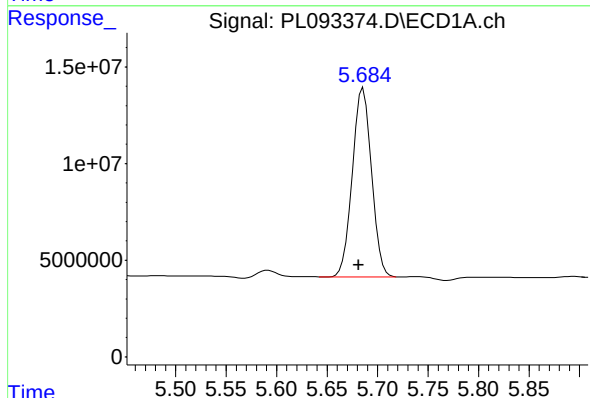
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



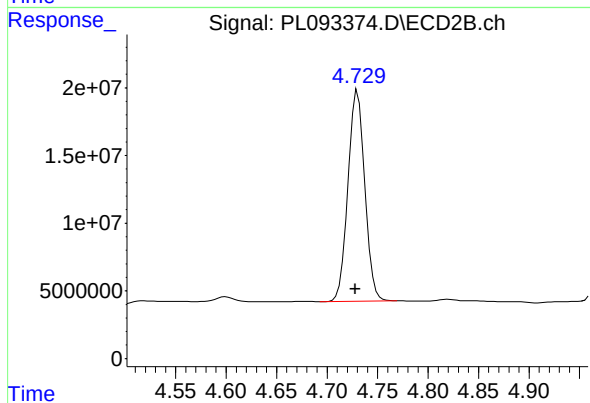
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.002 min
Response: 190823690
Conc: 44.73 ng/ml



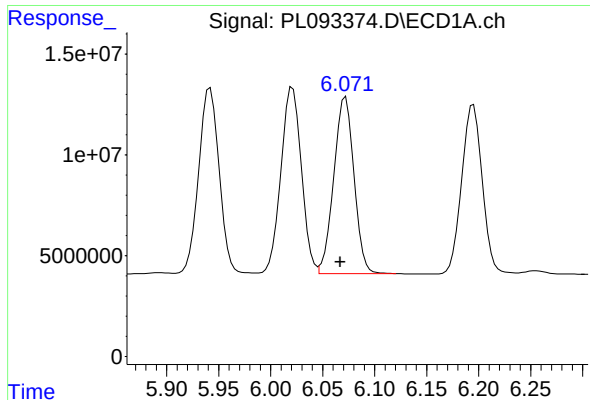
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.005 min
Response: 129297897
Conc: 46.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: 0.002 min
Response: 180654524
Conc: 49.60 ng/ml



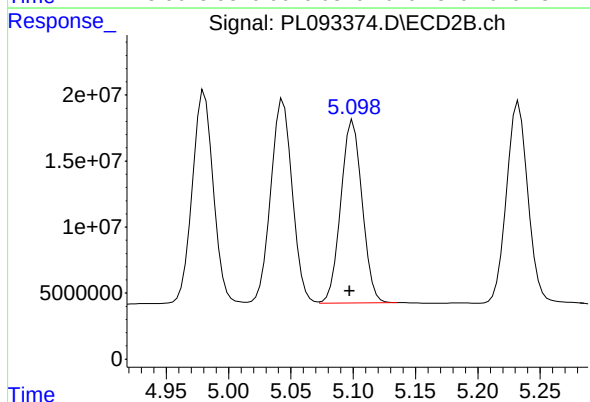
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 118604893
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

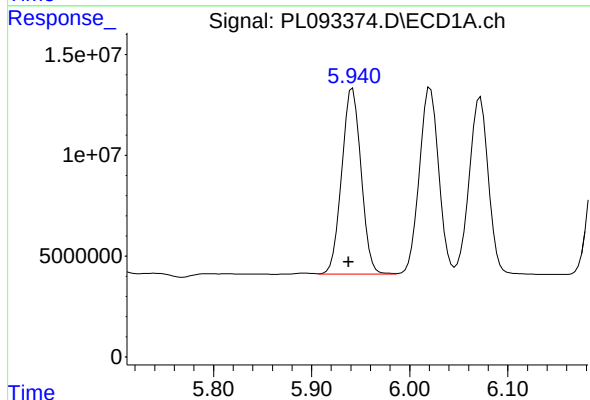
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



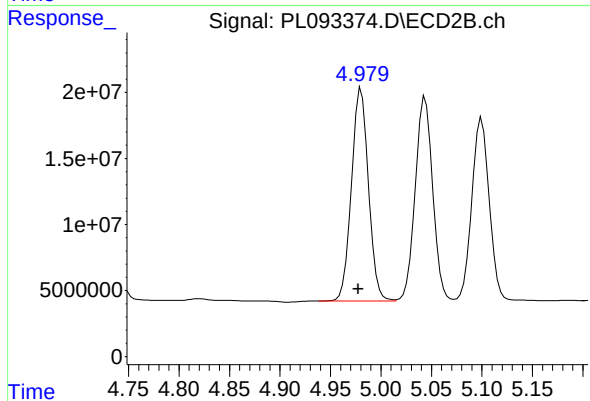
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: 0.003 min
Response: 164498028
Conc: 49.21 ng/ml



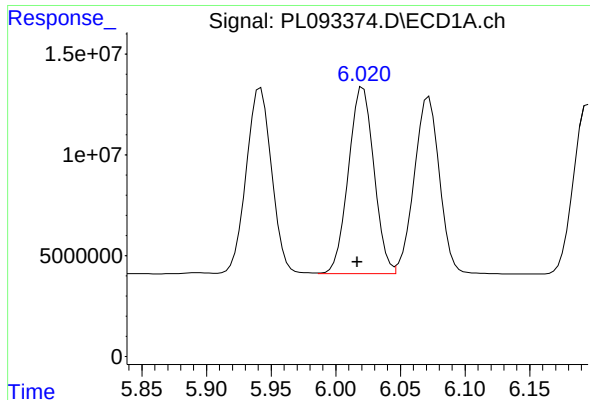
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.004 min
Response: 126263248
Conc: 49.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.001 min
Response: 188726033
Conc: 50.94 ng/ml m



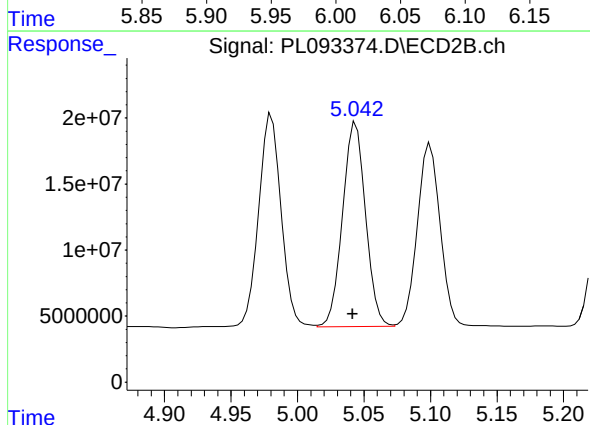
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.005 min
Response: 126829642
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

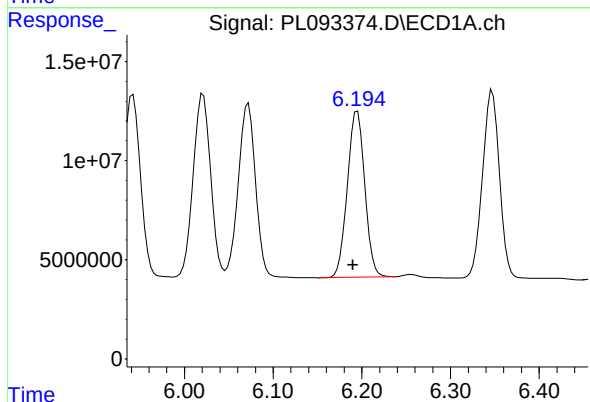
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



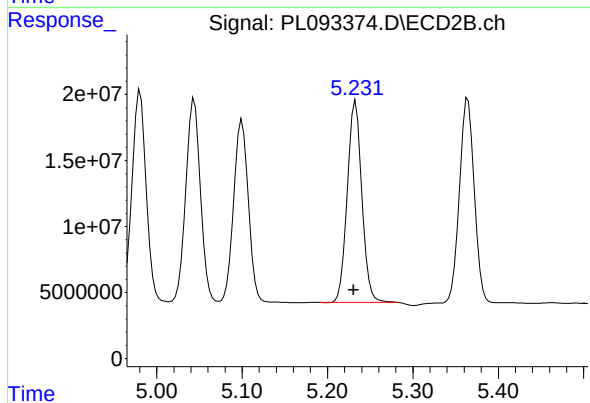
#11 alpha-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.002 min
Response: 186340667
Conc: 51.33 ng/ml



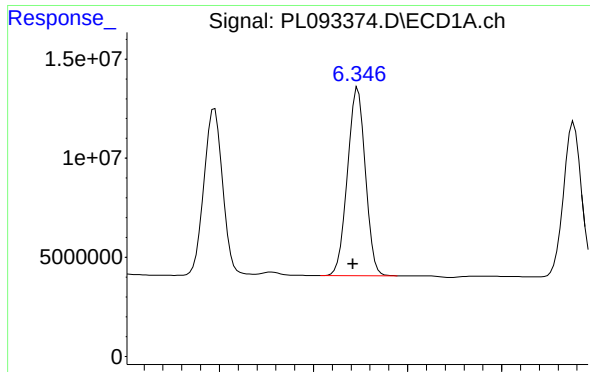
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.005 min
Response: 114619962
Conc: 49.00 ng/ml



#12 4,4'-DDE

R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 181466381
Conc: 50.69 ng/ml



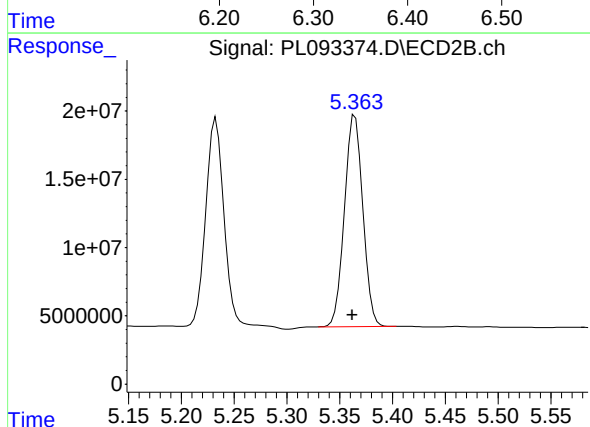
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 125517148
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

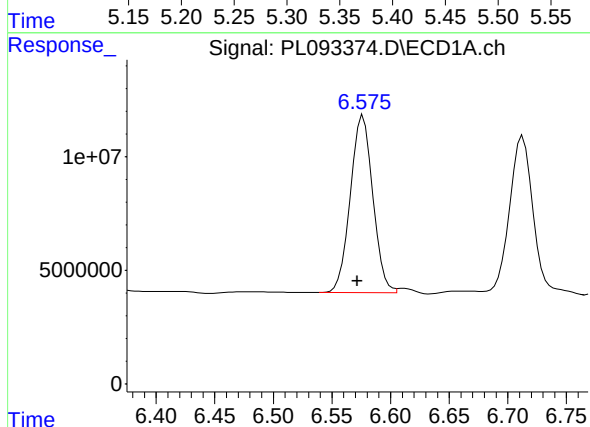
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



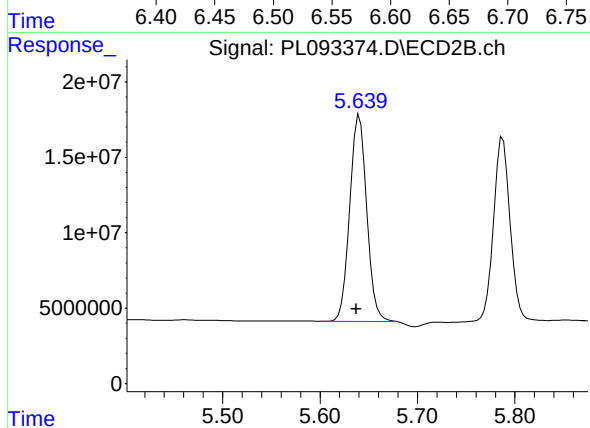
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.003 min
Response: 187674604
Conc: 50.92 ng/ml



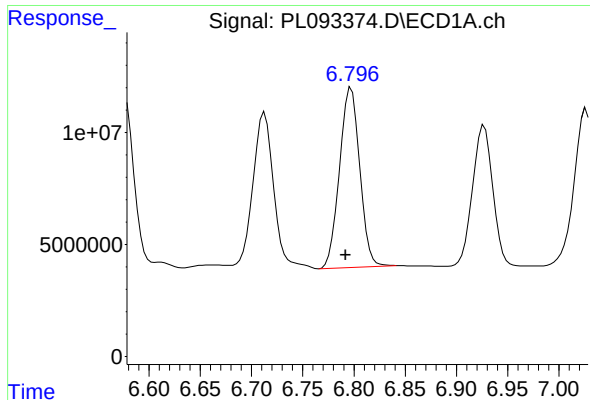
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 104743917
Conc: 49.94 ng/ml m



#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.003 min
Response: 165824064
Conc: 51.99 ng/ml



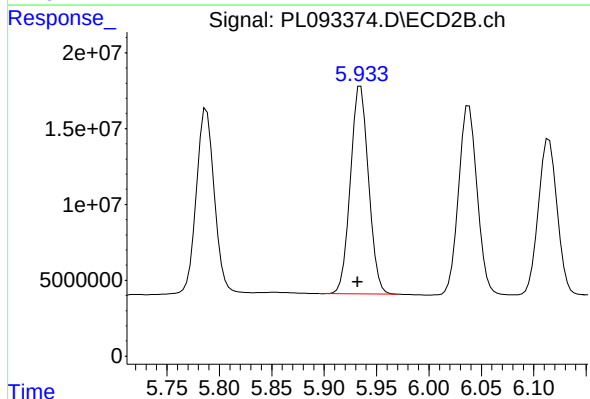
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 109802805
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

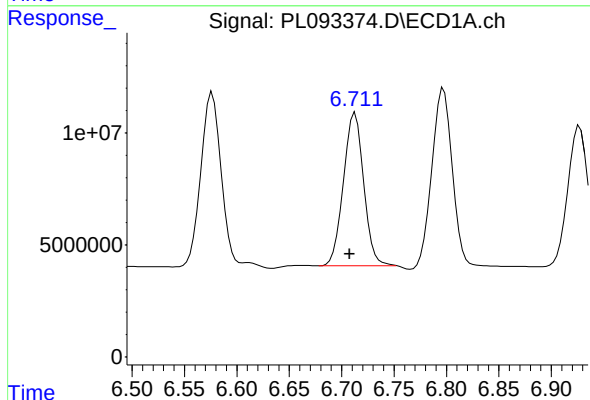
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



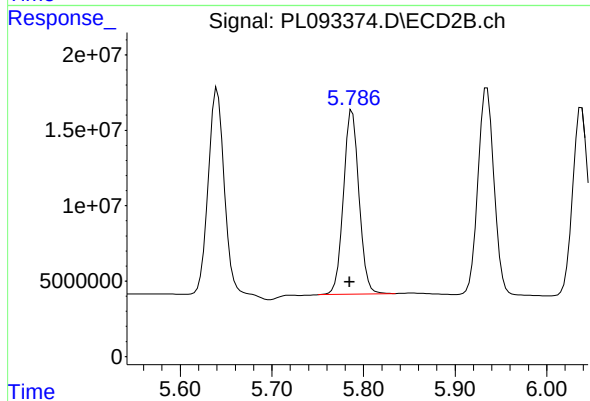
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 166205735
Conc: 52.45 ng/ml



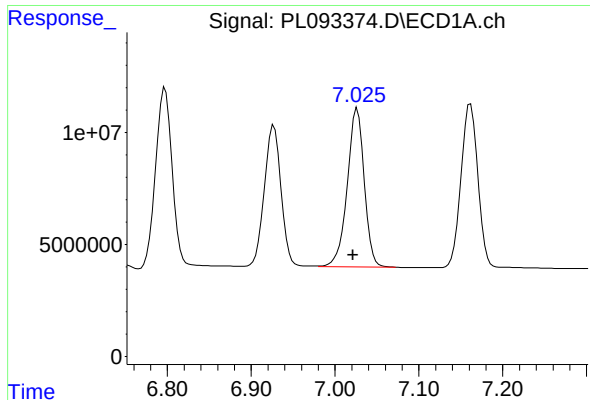
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.004 min
Response: 92358455
Conc: 50.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: 0.003 min
Response: 144392950
Conc: 51.51 ng/ml



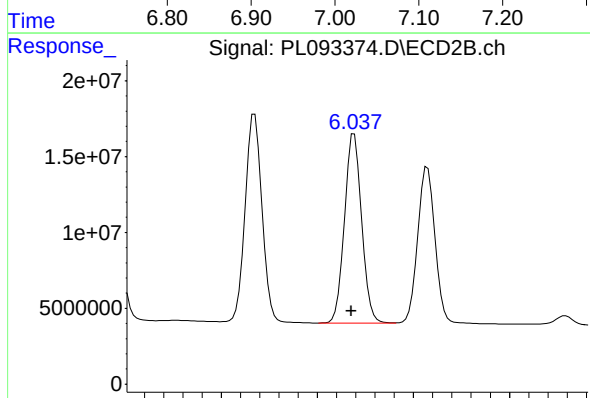
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.005 min
Response: 99545588
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

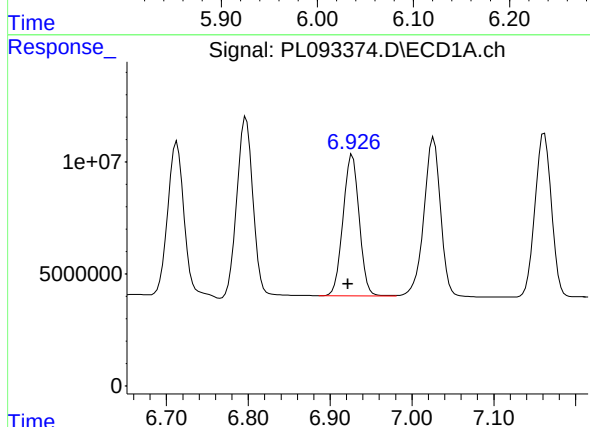
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



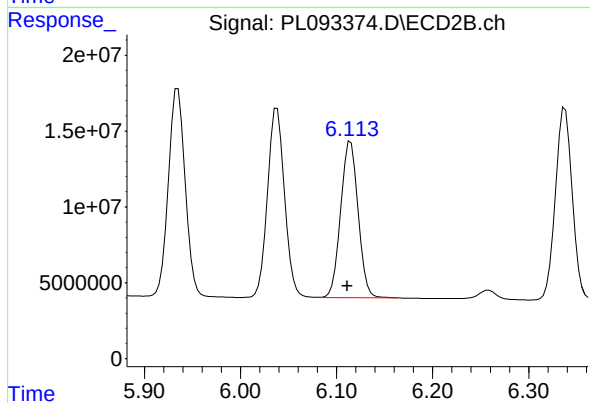
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.003 min
Response: 153959653
Conc: 51.98 ng/ml



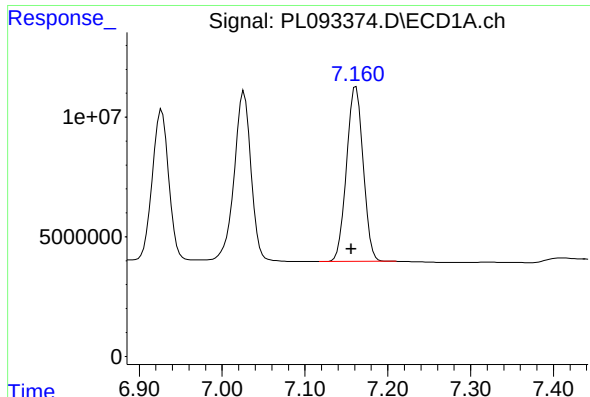
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.005 min
Response: 87077264
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.003 min
Response: 128685557
Conc: 49.07 ng/ml



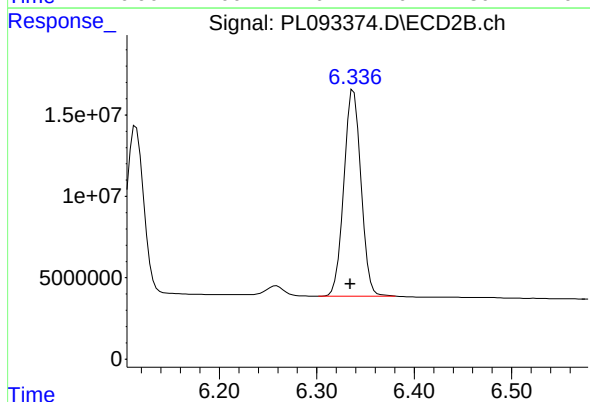
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.005 min
Response: 101958918
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

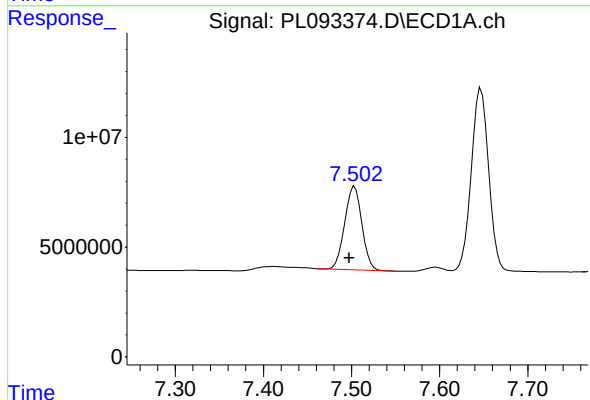
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



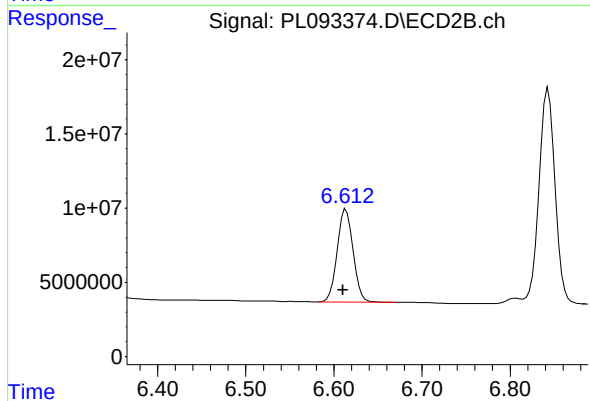
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.003 min
Response: 154707318
Conc: 50.90 ng/ml



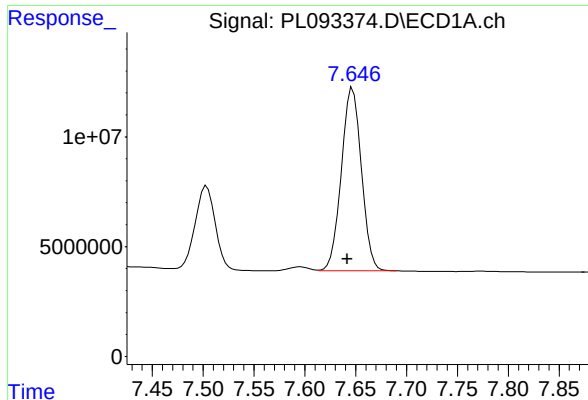
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.006 min
Response: 51495857
Conc: 49.28 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.003 min
Response: 78542358
Conc: 51.44 ng/ml



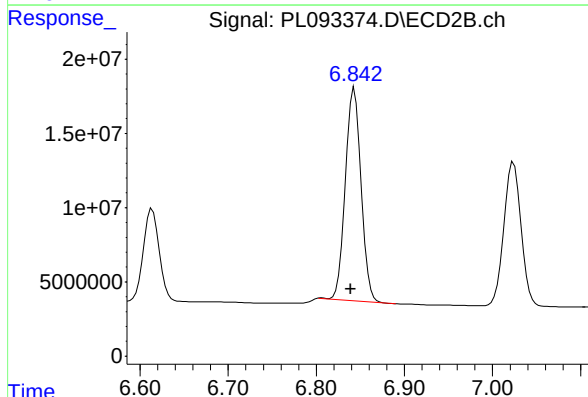
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.005 min
Response: 114250606
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

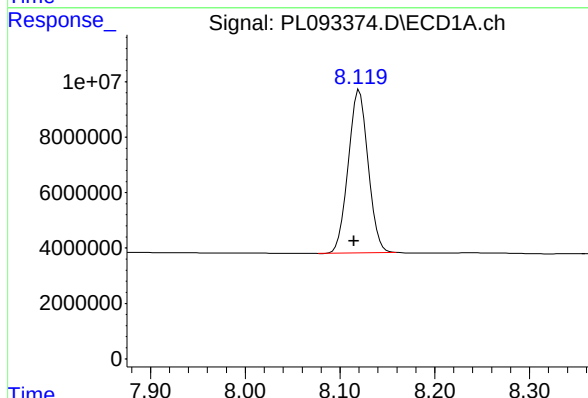
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



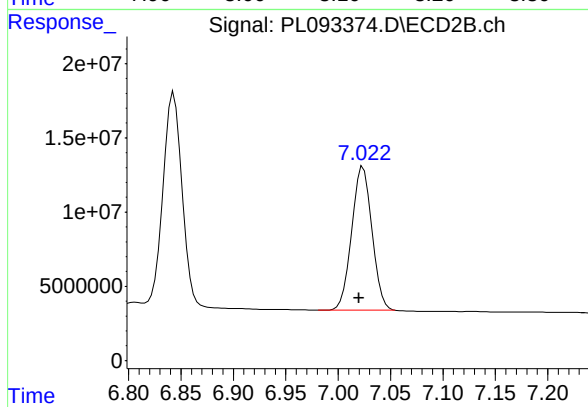
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.004 min
Response: 177265603
Conc: 52.80 ng/ml



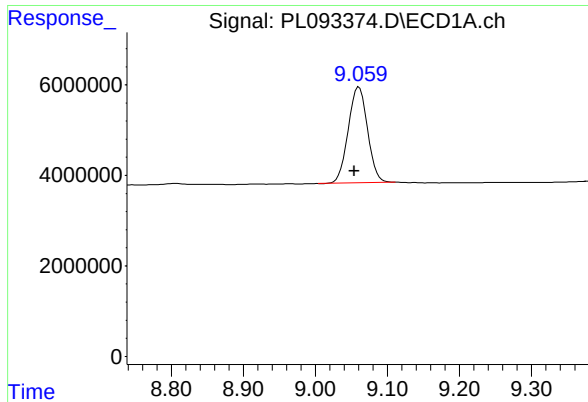
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.006 min
Response: 85806234
Conc: 47.51 ng/ml



#22 Mirex

R.T.: 7.024 min
Delta R.T.: 0.004 min
Response: 130739364
Conc: 48.66 ng/ml



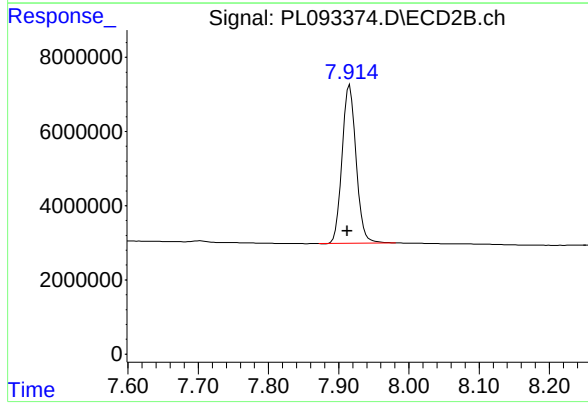
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.006 min
Response: 39489594
Conc: 22.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165569BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2024
Supervised By :Ankita Jodhani 12/12/2024



#28 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: 0.003 min
Response: 59292627
Conc: 20.76 ng/ml