

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
 Data File : PL091207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 15:45
 Operator : AR\AJ
 Sample : PB162812BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162812BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2024
 Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:18:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.550	2.783	44422425	40717259	20.689	20.859
28) SA Decachlor...	9.068	7.929	36928264	42913825	24.223	22.656
Target Compounds						
2) A alpha-BHC	4.006	3.287	154.0E6	153.0E6	51.380	55.155
3) MA gamma-BHC...	4.339	3.617	145.0E6	144.0E6	50.556	54.679
4) MA Heptachlor	4.929	3.958	134.5E6	136.7E6	50.498	52.920
5) MB Aldrin	5.270	4.238	131.4E6	135.1E6	50.902	54.936
6) B beta-BHC	4.535	3.917	66387641	62877349	49.090	53.419
7) B delta-BHC	4.783	4.146	139.9E6	140.0E6	51.398	55.251
8) B Heptachlo...	5.696	4.741	124.0E6	123.4E6	50.677	54.748
9) A Endosulfan I	6.082	5.112	115.0E6	117.1E6	51.232	55.505
10) B gamma-Chl...	5.951	4.992	124.3E6	130.9E6	51.436m	55.360
11) B alpha-Chl...	6.031	5.056	123.4E6	128.8E6	51.235	54.743
12) B 4,4'-DDE	6.204	5.245	111.3E6	118.9E6	53.198	56.886
13) MA Dieldrin	6.356	5.377	122.3E6	127.7E6	51.908	56.074
14) MA Endrin	6.585	5.652	100.3E6	107.5E6	51.706m	52.779
15) B Endosulfa...	6.805	5.945	107.8E6	112.5E6	53.289	58.134m
16) A 4,4'-DDD	6.721	5.800	97588429	102.2E6	64.569	61.898
17) MA 4,4'-DDT	7.035	6.050	91846581	94566616	51.742	53.235
18) B Endrin al...	6.935	6.125	85260681	88067728	53.408	56.537
19) B Endosulfa...	7.170	6.348	101.1E6	108.0E6	52.709	56.003
20) A Methoxychlor	7.510	6.626	49694042	49341035	52.851	49.690
21) B Endrin ke...	7.653	6.854	114.3E6	126.7E6	54.422m	58.160
22) Mirex	8.128	7.036	86486220	100.2E6	50.840	53.659

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081924\
Data File : PL091207.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 15:45
Operator : AR\AJ
Sample : PB162812BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162812BS

Manual Integrations

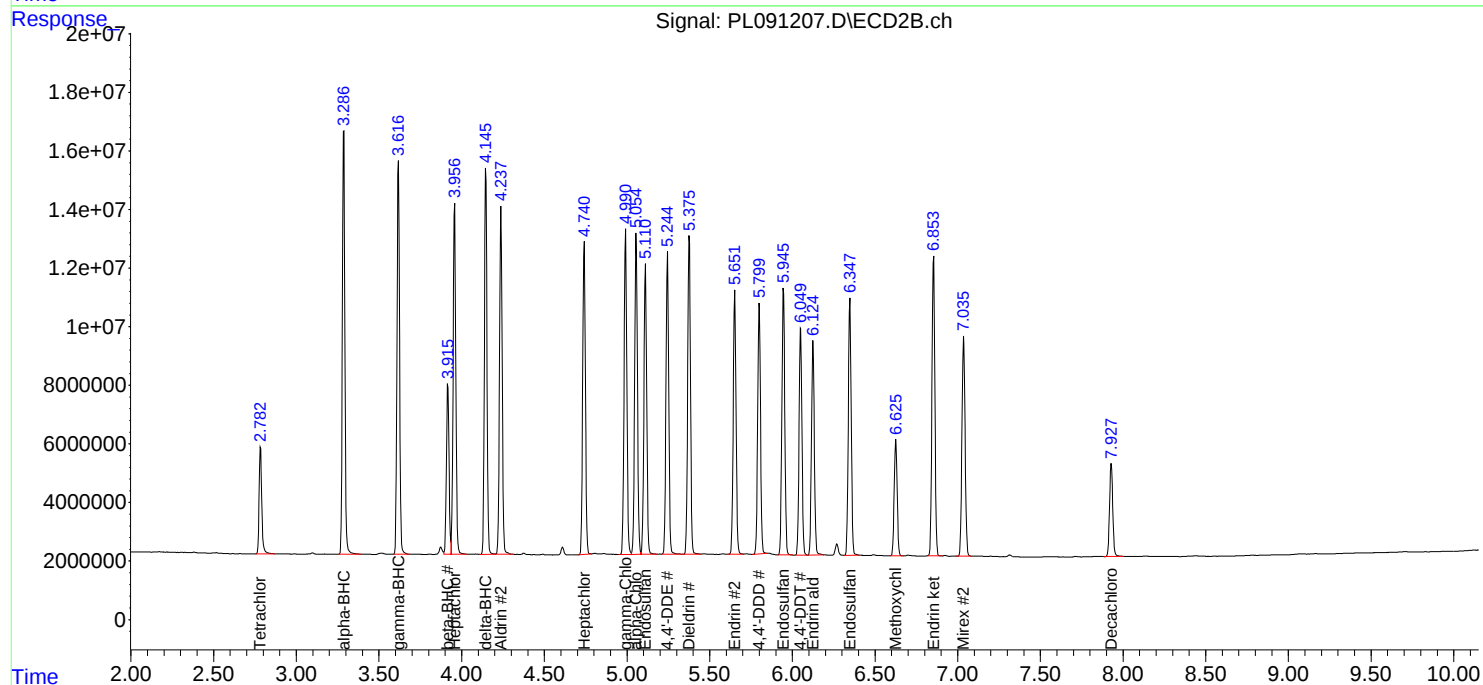
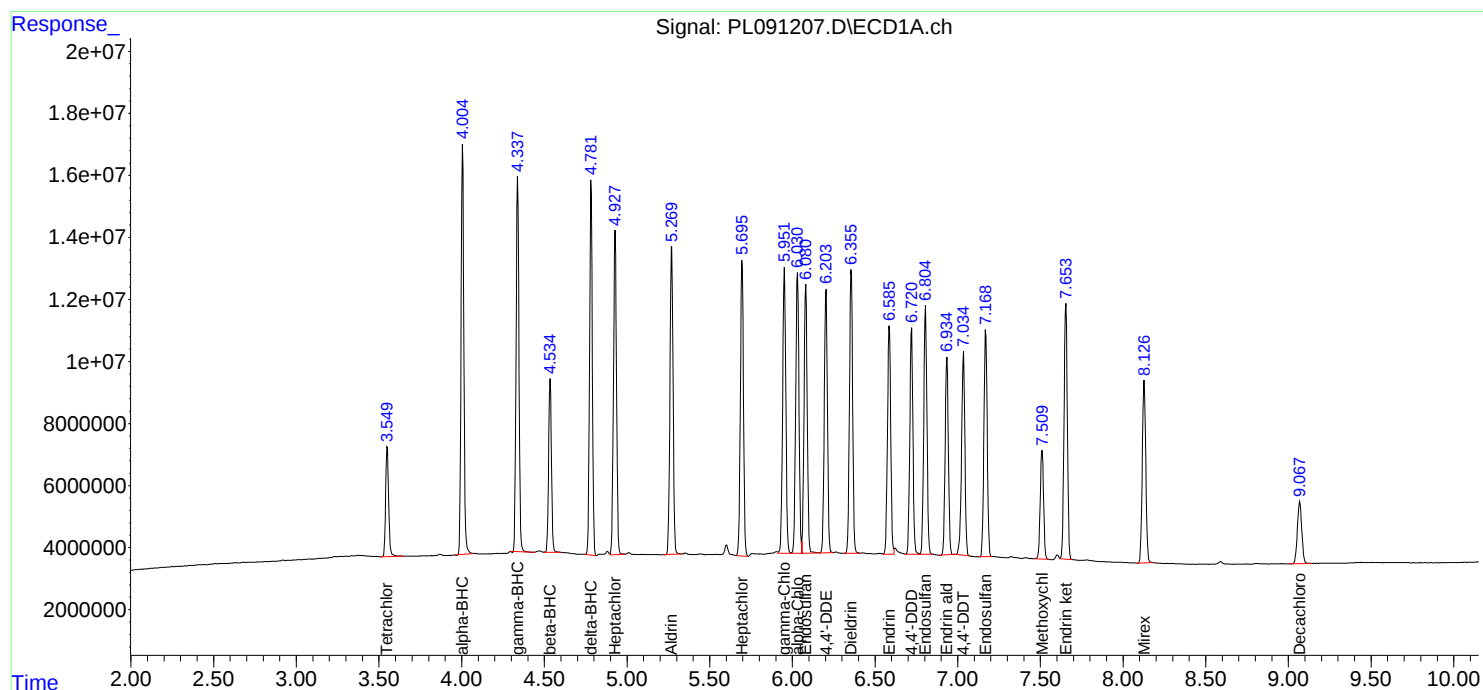
APPROVED

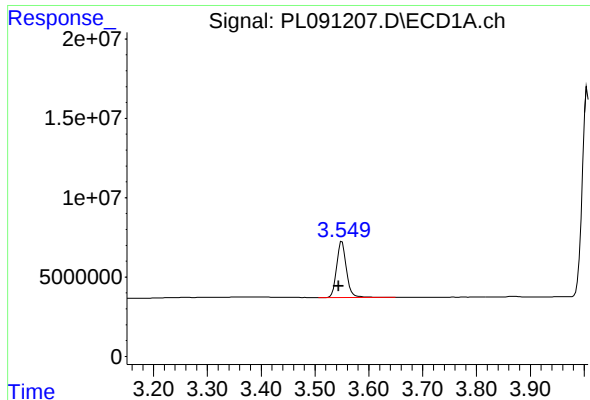
Reviewed By :Abdul Mirza 08/20/2024

Supervised By :Ankita Jodhani 08/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:18:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





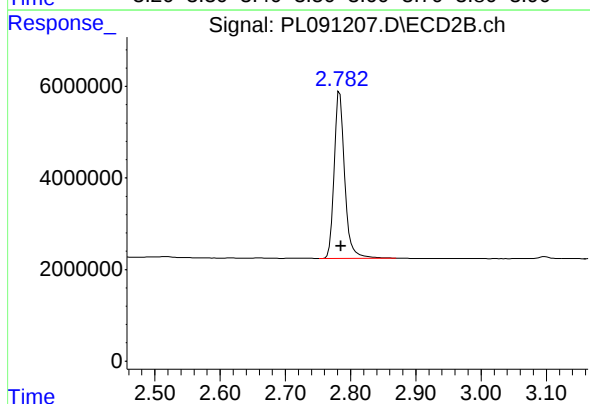
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.006 min
Response: 44422425
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

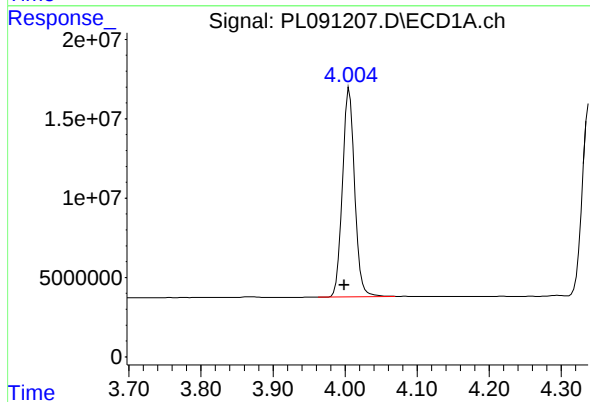
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



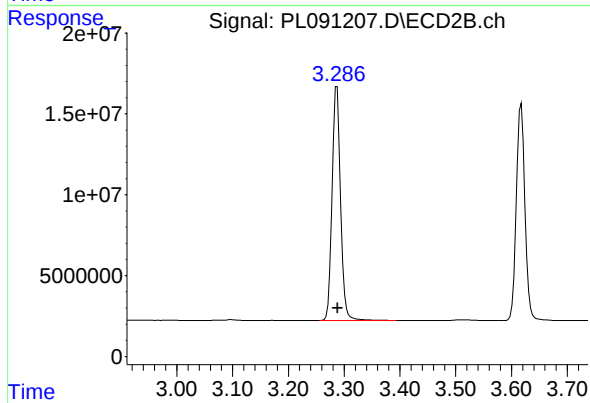
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 40717259
Conc: 20.86 ng/ml



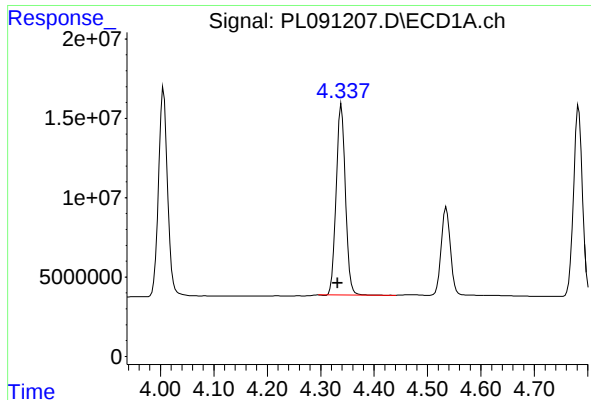
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 154028838
Conc: 51.38 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.002 min
Response: 152970579
Conc: 55.16 ng/ml



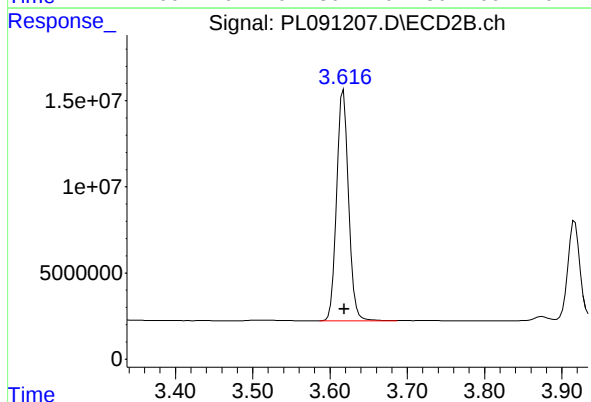
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 145027143
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

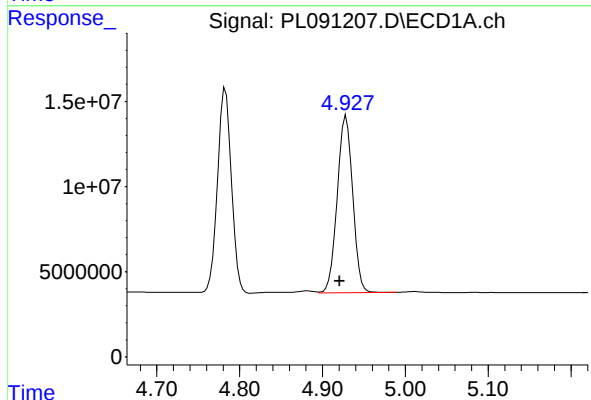
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



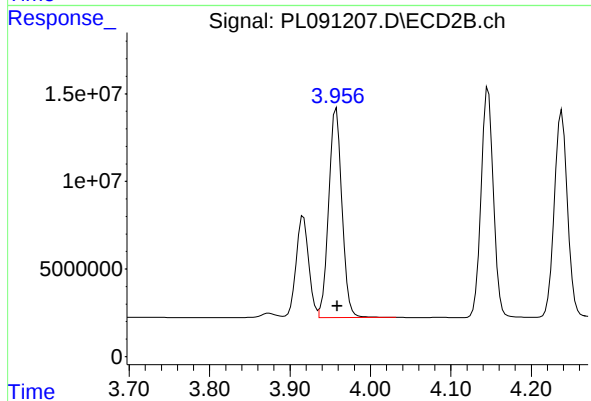
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: 0.000 min
Response: 144020101
Conc: 54.68 ng/ml



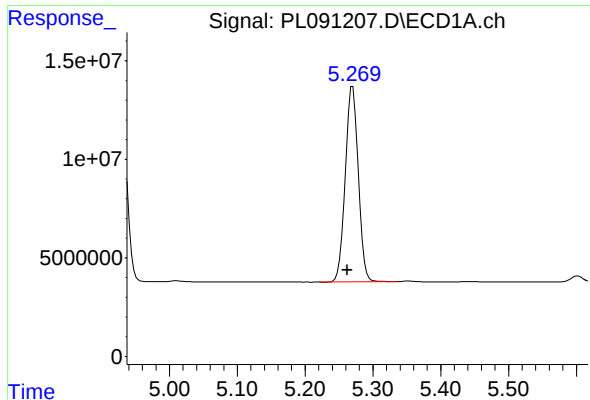
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.008 min
Response: 134477609
Conc: 50.50 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: -0.001 min
Response: 136676328
Conc: 52.92 ng/ml



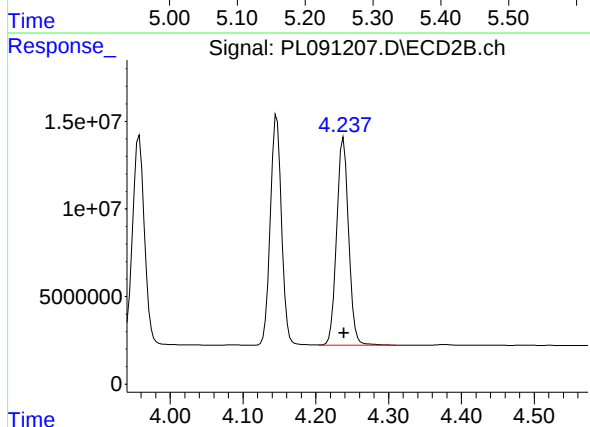
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.008 min
Response: 131370893
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

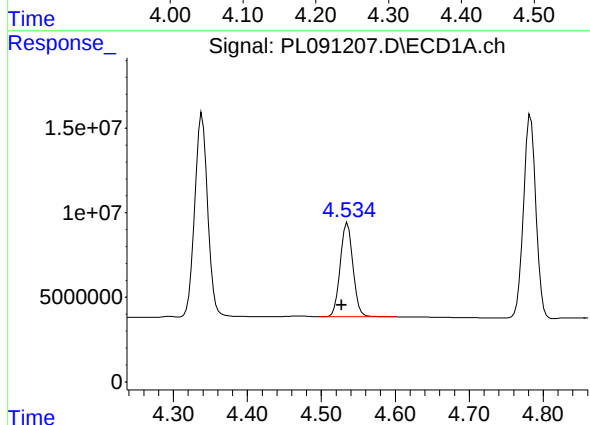
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



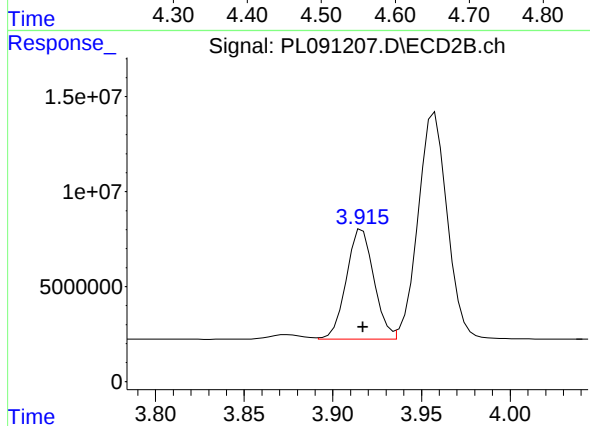
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 135096005
Conc: 54.94 ng/ml



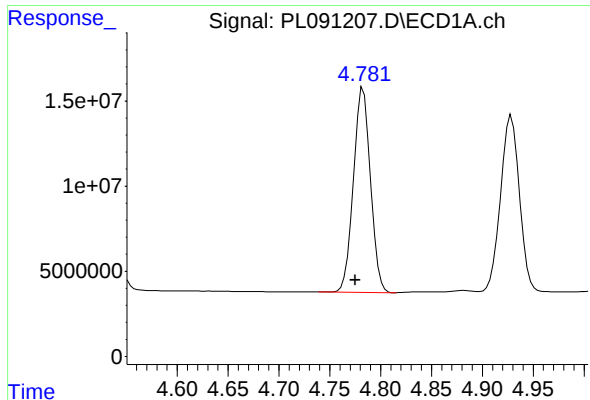
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.008 min
Response: 66387641
Conc: 49.09 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 62877349
Conc: 53.42 ng/ml



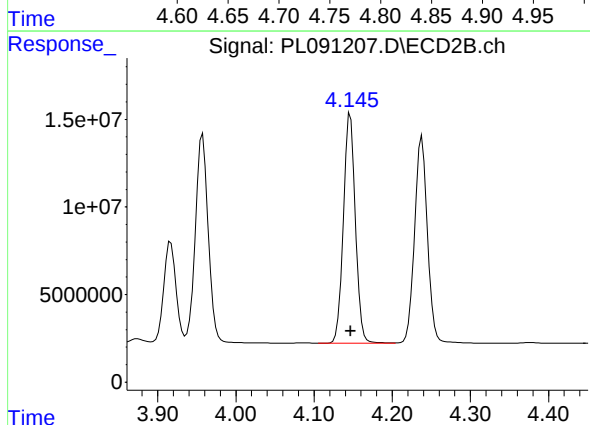
#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.008 min
Response: 139930992
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

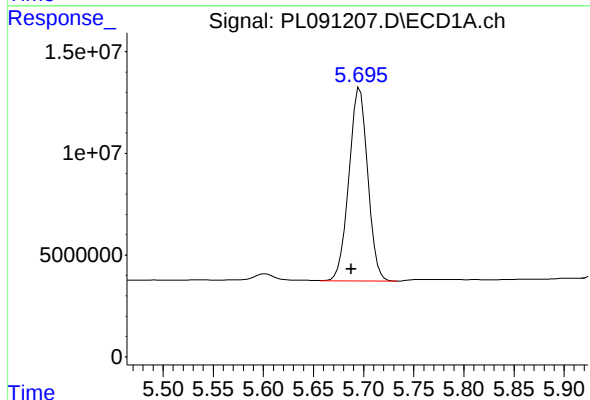
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



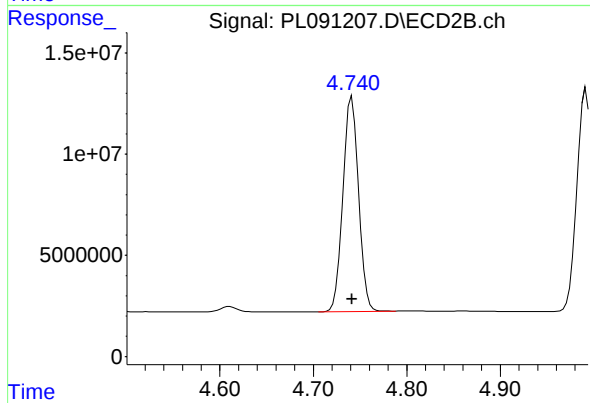
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 140018496
Conc: 55.25 ng/ml



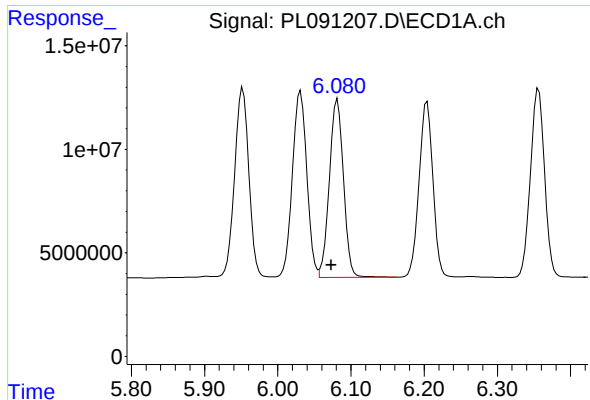
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.008 min
Response: 123984251
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 123447926
Conc: 54.75 ng/ml



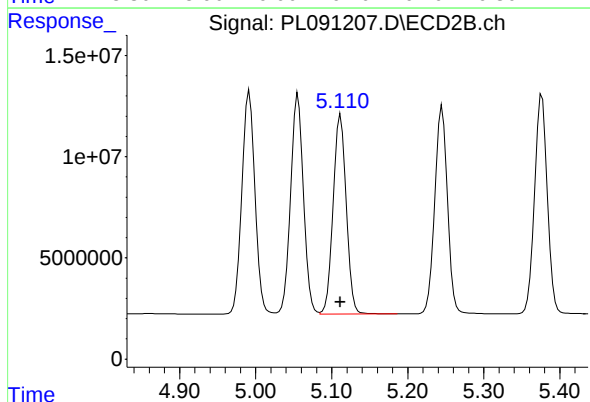
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.009 min
Response: 115032185
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

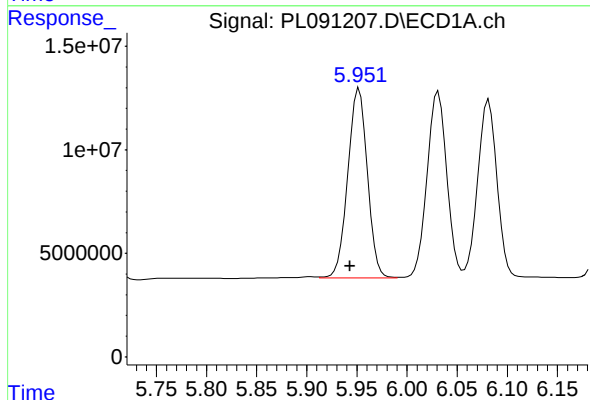
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



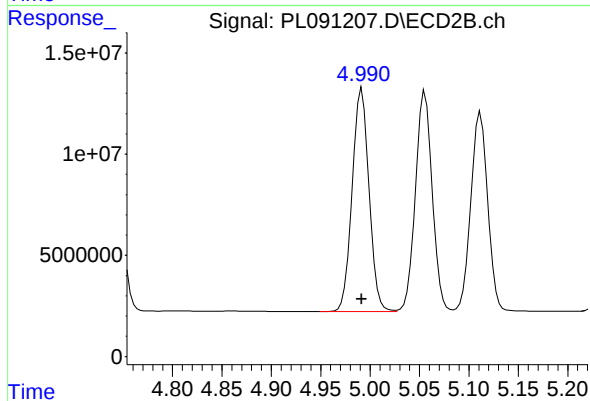
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 117124783
Conc: 55.50 ng/ml



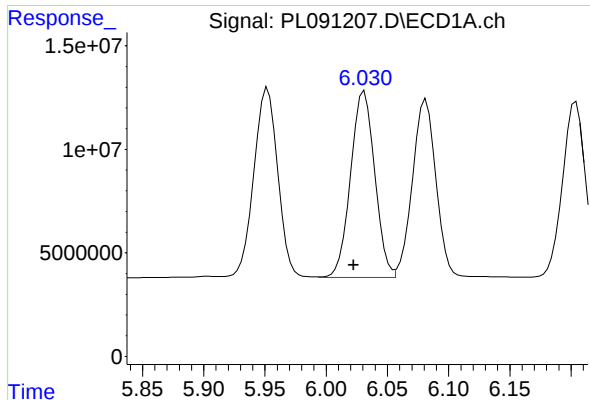
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.008 min
Response: 124291515
Conc: 51.44 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 130868136
Conc: 55.36 ng/ml



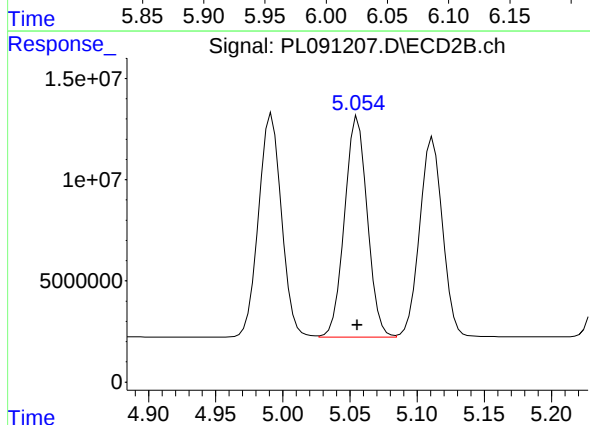
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.009 min
Response: 123360498
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

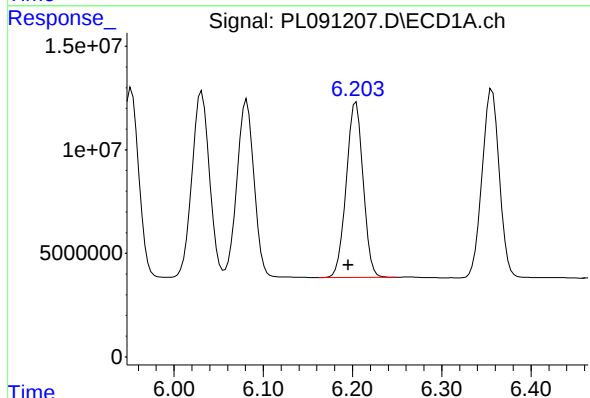
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



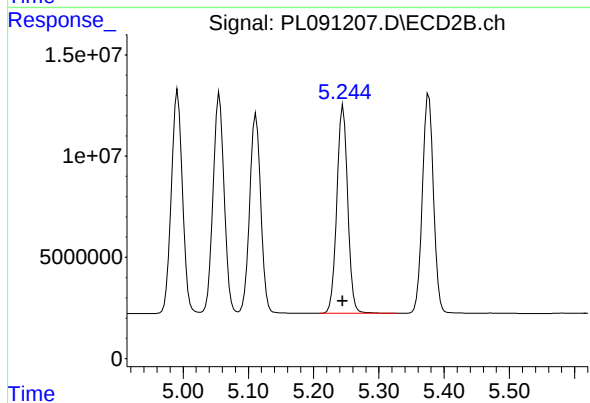
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 128785588
Conc: 54.74 ng/ml



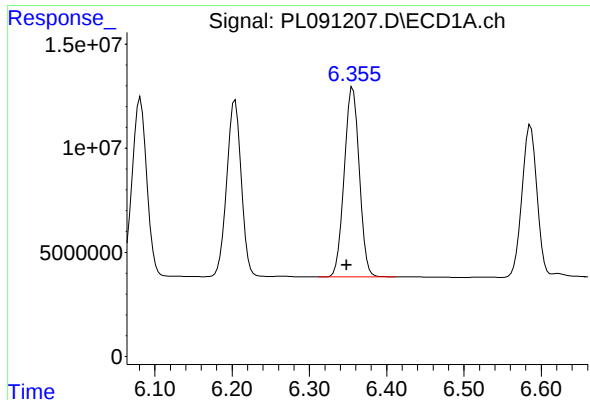
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.009 min
Response: 111294696
Conc: 53.20 ng/ml



#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 118857956
Conc: 56.89 ng/ml



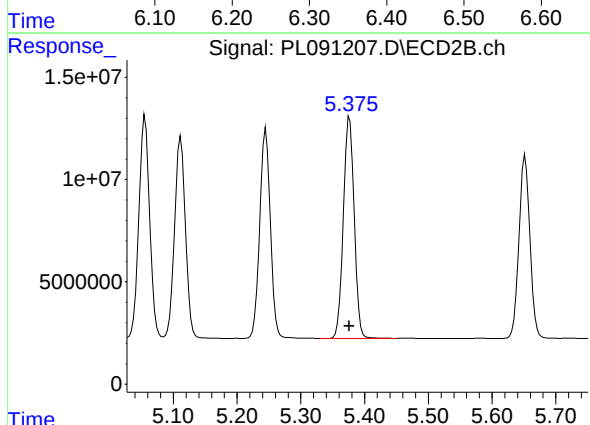
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.008 min
Response: 122255196
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

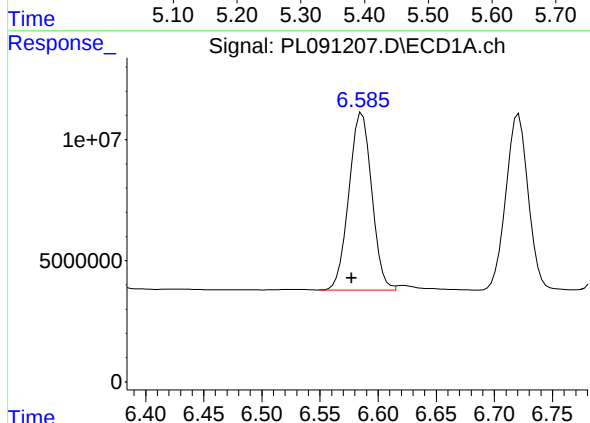
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



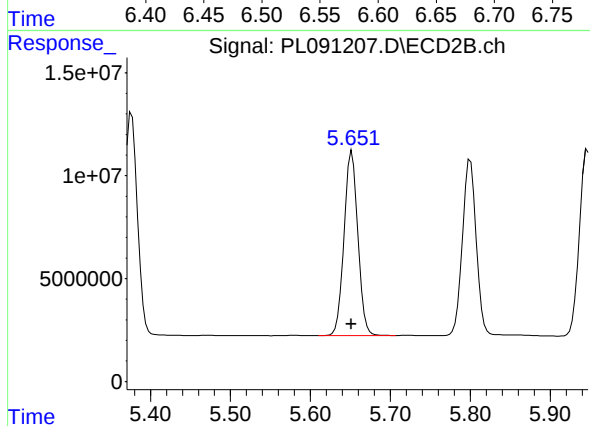
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 127710461
Conc: 56.07 ng/ml



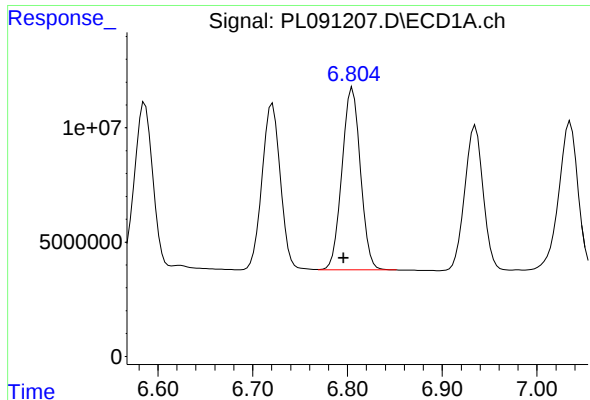
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.008 min
Response: 100270846
Conc: 51.71 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 107518624
Conc: 52.78 ng/ml



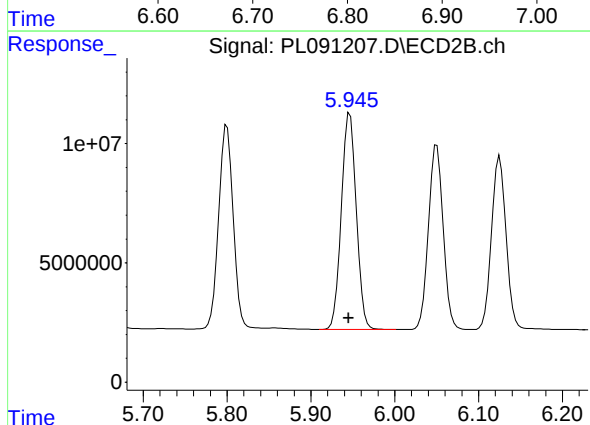
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.009 min
Response: 107839328
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

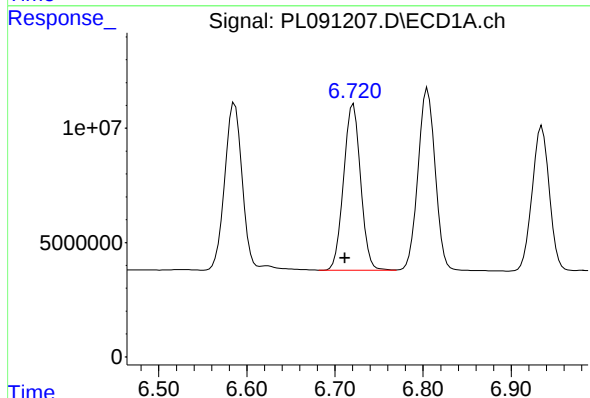
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



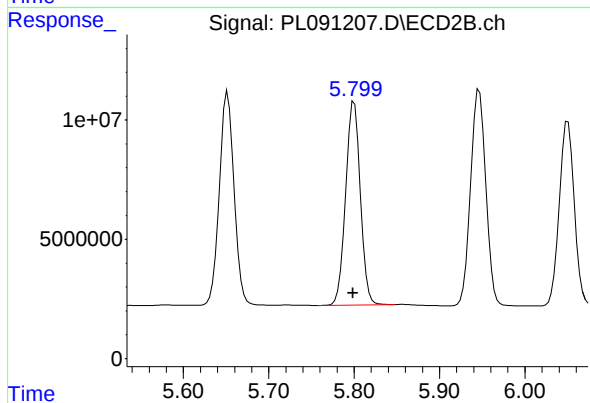
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 112470641
Conc: 58.13 ng/ml m



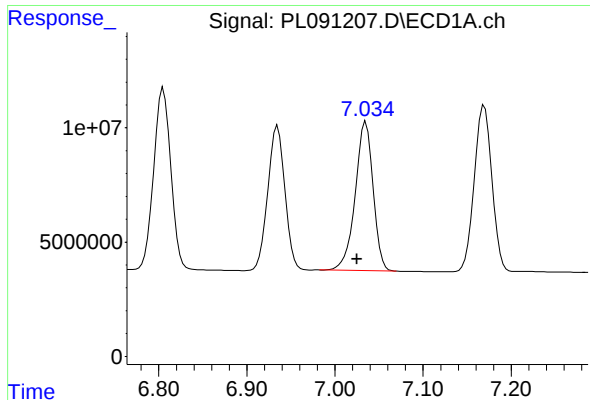
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.010 min
Response: 97588429
Conc: 64.57 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: 0.001 min
Response: 102181225
Conc: 61.90 ng/ml



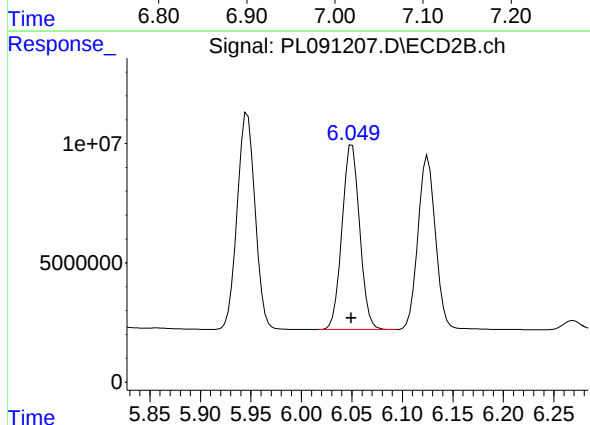
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.010 min
Response: 91846581
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

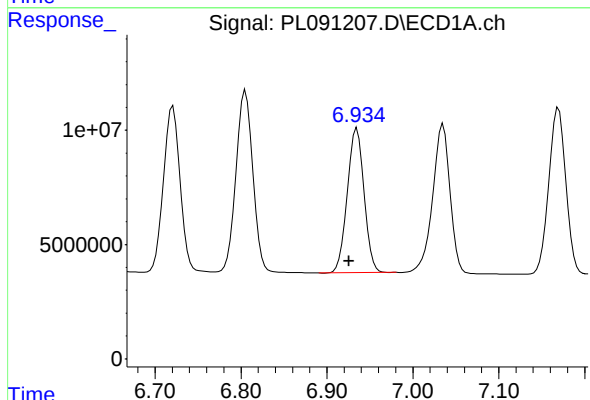
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



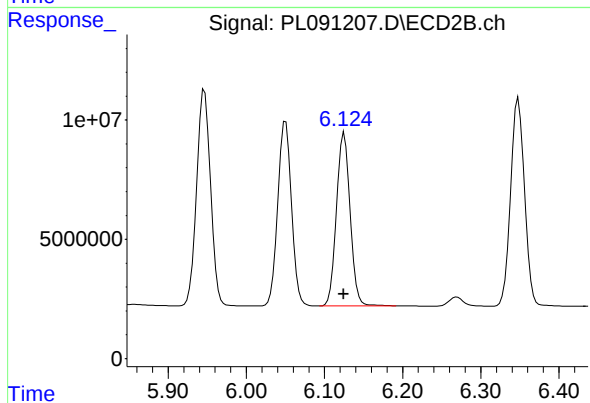
#17 4,4'-DDT

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 94566616
Conc: 53.23 ng/ml



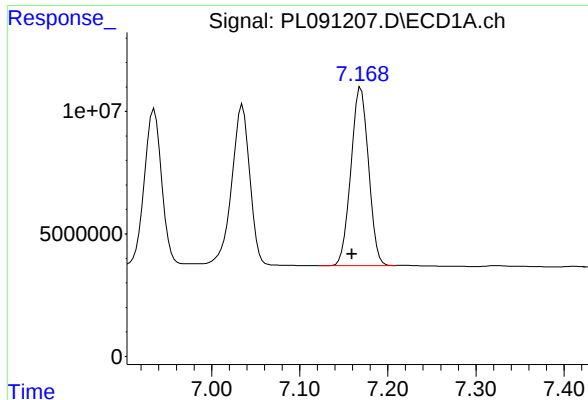
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.010 min
Response: 85260681
Conc: 53.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: 0.000 min
Response: 88067728
Conc: 56.54 ng/ml



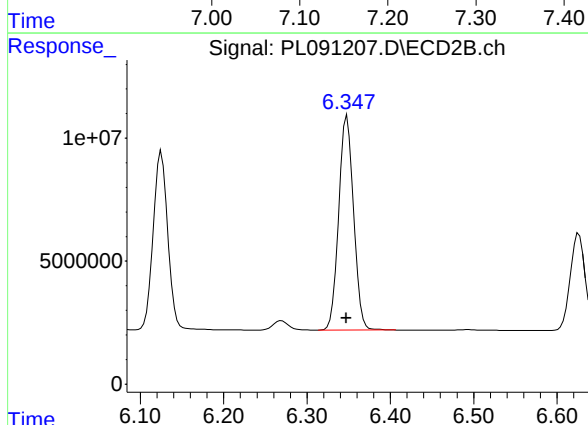
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.010 min
Response: 101129600
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

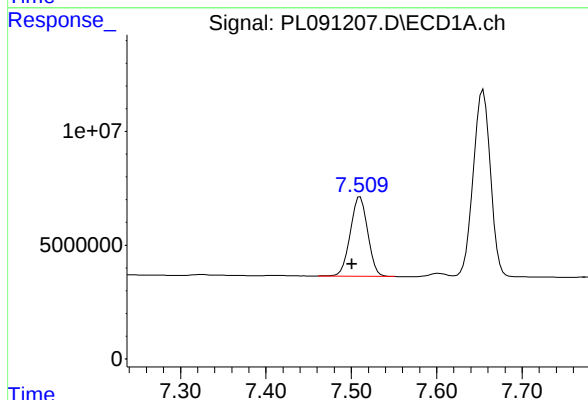
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



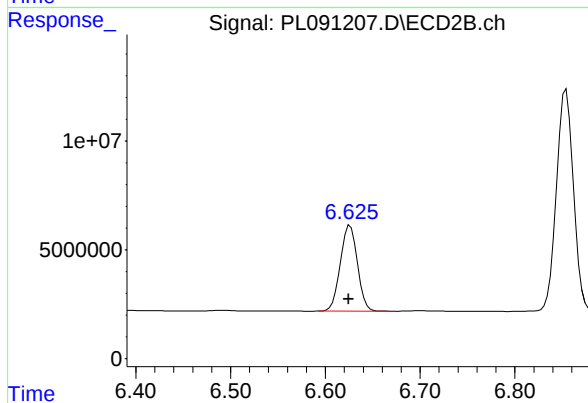
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 107974388
Conc: 56.00 ng/ml



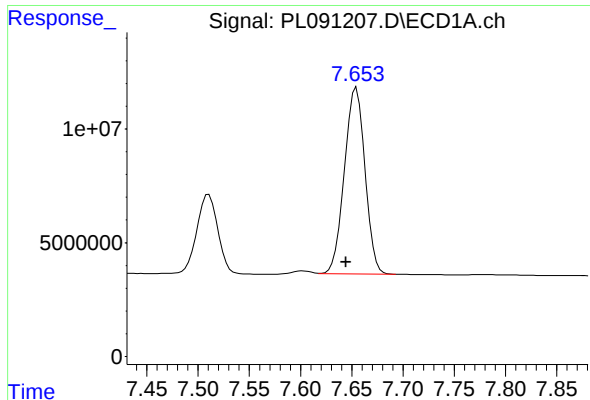
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.010 min
Response: 49694042
Conc: 52.85 ng/ml



#20 Methoxychlor

R.T.: 6.626 min
Delta R.T.: 0.002 min
Response: 49341035
Conc: 49.69 ng/ml



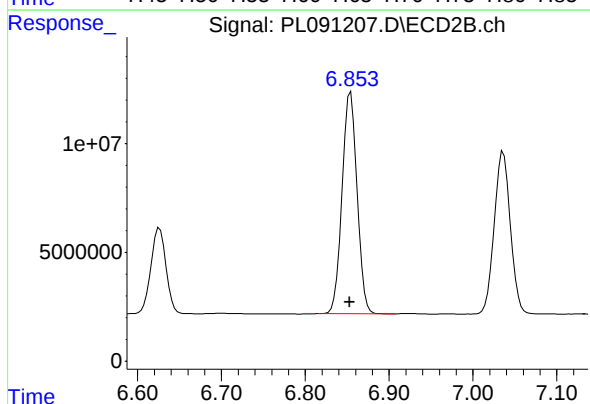
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.009 min
Response: 114270185
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

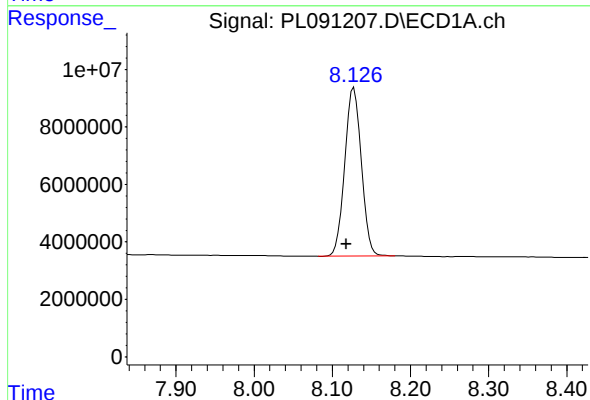
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



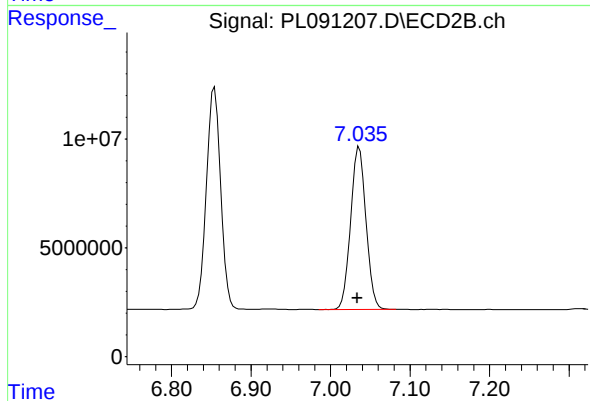
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 126671489
Conc: 58.16 ng/ml



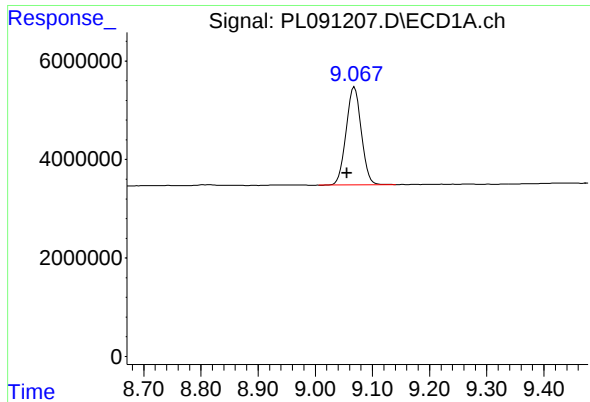
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.010 min
Response: 86486220
Conc: 50.84 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: 0.002 min
Response: 100150127
Conc: 53.66 ng/ml



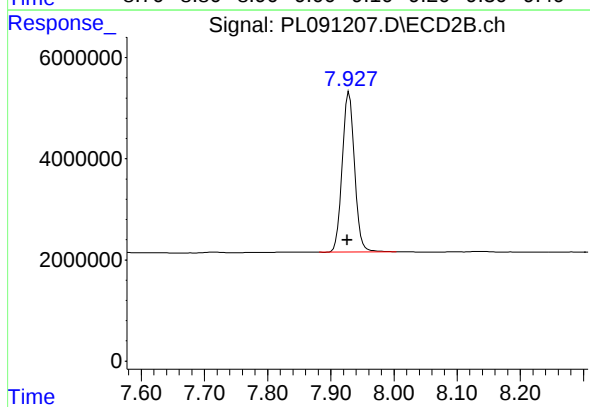
#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.013 min
Response: 36928264
Conc: 24.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162812BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2024
Supervised By :Ankita Jodhani 08/20/2024



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 42913825
Conc: 22.66 ng/ml