

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091724\
 Data File : PL091792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2024 16:58
 Operator : AR\AJ
 Sample : P4027-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 DN-B-49MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/18/2024
 Supervised By :Ankita Jodhani 09/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:14:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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	2.781	29433503	32323131	18.885m	17.282
28) SA Decachlor...	9.057	7.923	20275590	30047164	16.683	16.272
Target Compounds						
2) A alpha-BHC	3.998	3.284	144.2E6	179.5E6	66.756	67.487
3) MA gamma-BHC...	4.329	3.615	137.5E6	169.0E6	66.877m	68.706
4) MA Heptachlor	4.919	3.954	132.0E6	170.6E6	70.475	70.826
5) MB Aldrin	5.261	4.234	122.3E6	158.8E6	65.665	69.586
6) B beta-BHC	4.527	3.914	62269331	74658633	68.426	68.340
7) B delta-BHC	4.775	4.143	133.2E6	167.4E6	69.357	72.770
8) B Heptachlo...	5.688	4.735	114.0E6	139.1E6	68.300	66.013m
9) A Endosulfan I	6.073	5.107	110.0E6	133.7E6	70.625	69.305
10) B gamma-Chl...	5.942	4.986	110.7E6	147.5E6	66.240	66.884m
11) B alpha-Chl...	6.022	5.051	116.0E6	149.9E6	71.943	72.441
12) B 4,4'-DDE	6.195	5.240	102.2E6	139.0E6	70.056	73.279
13) MA Dieldrin	6.348	5.371	113.1E6	144.3E6	69.331	70.226
14) MA Endrin	6.576	5.646	98255083	130.9E6	73.893m	69.349m
15) B Endosulfa...	6.796	5.942	88804367	122.5E6	57.293m	69.227
16) A 4,4'-DDD	6.711	5.793	87045267	108.2E6	68.672m	64.549m
17) MA 4,4'-DDT	7.025	6.045	95352772	120.6E6	72.691m	75.036
18) B Endrin al...	6.925	6.120	78252638	94461502	65.862m	69.099
19) B Endosulfa...	7.161	6.343	93583817	119.2E6	67.018	69.480
20) A Methoxychlor	7.502	6.621	50682339	64968960	74.922	73.348
21) B Endrin ke...	7.646	6.849	105.0E6	131.1E6	67.893	65.199
22) Mirex	8.120	7.031	77484487	107.9E6	64.709	60.830

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091724\
Data File : PL091792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2024 16:58
Operator : AR\AJ
Sample : P4027-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

DN-B-49MSD

Manual Integrations

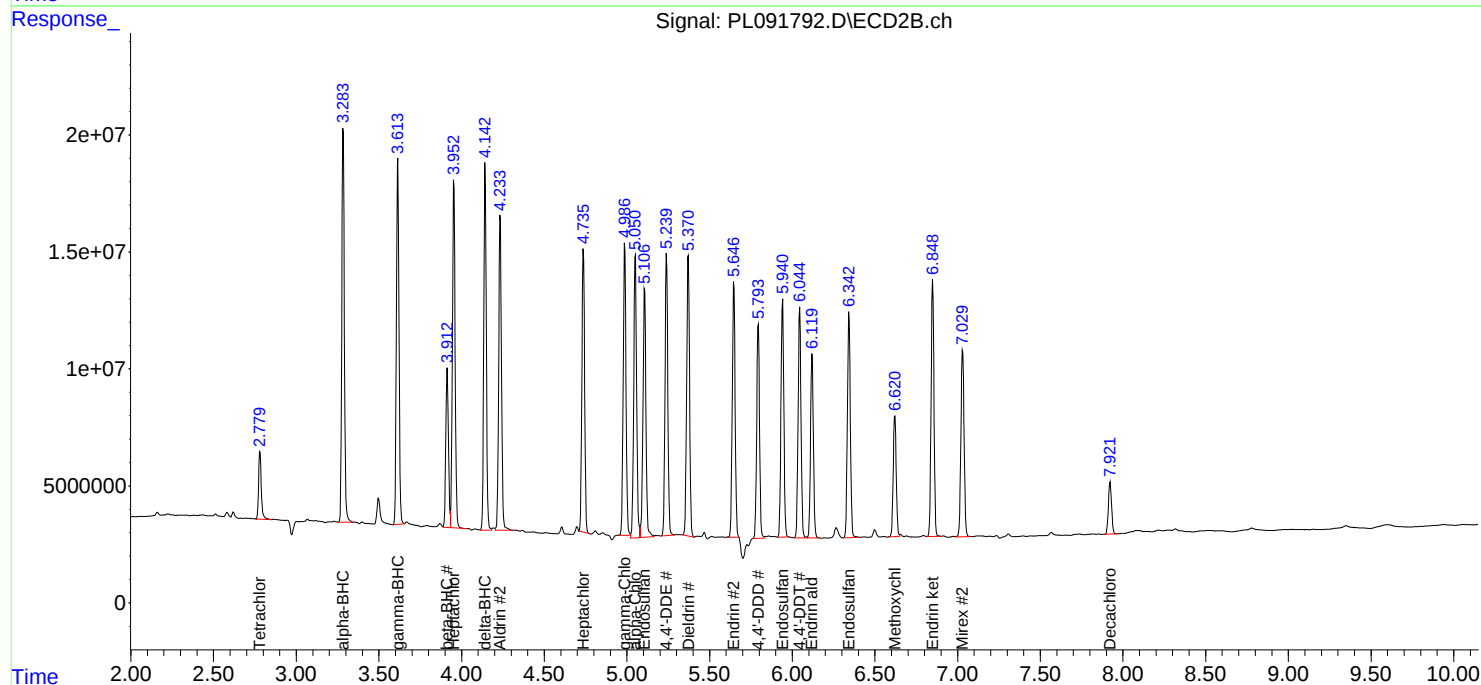
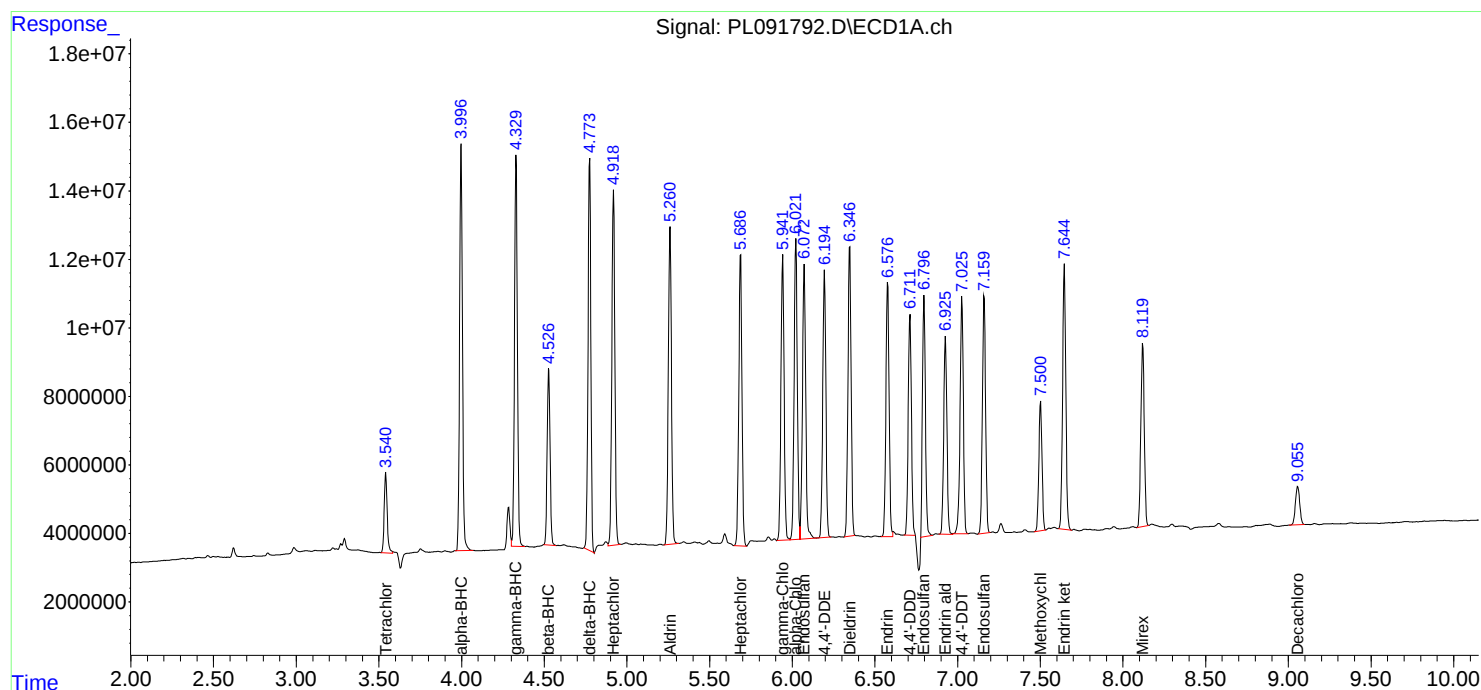
APPROVED

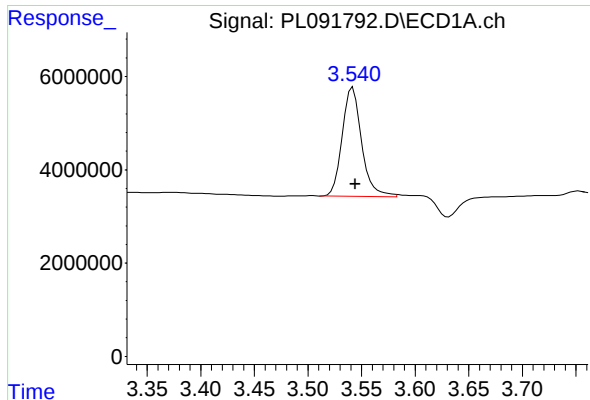
Reviewed By :Abdul Mirza 09/18/2024

Supervised By :Ankita Jodhani 09/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 01:14:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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





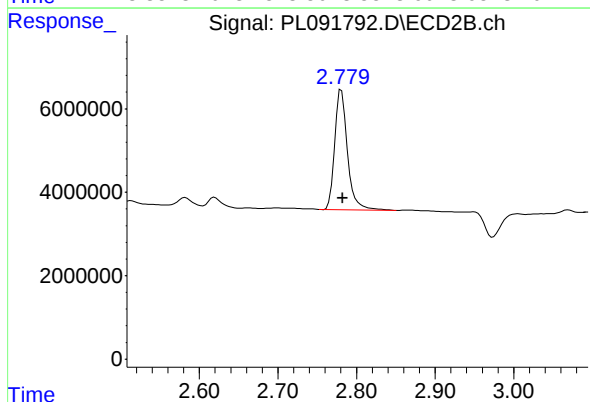
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 29433503
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

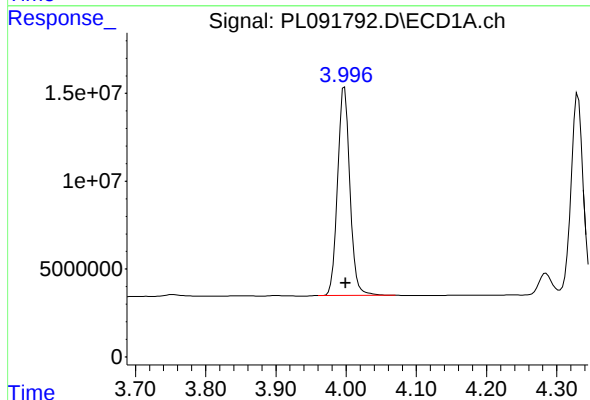
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



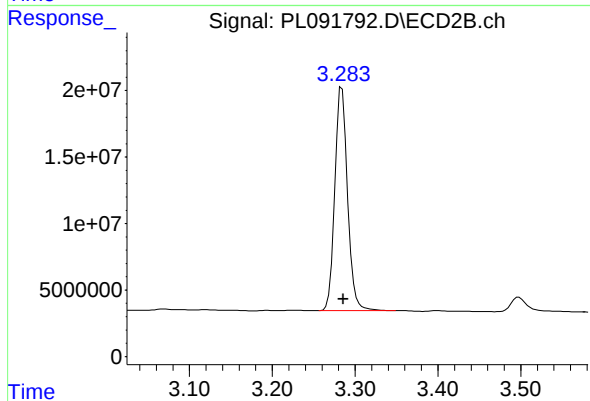
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 32323131
Conc: 17.28 ng/ml



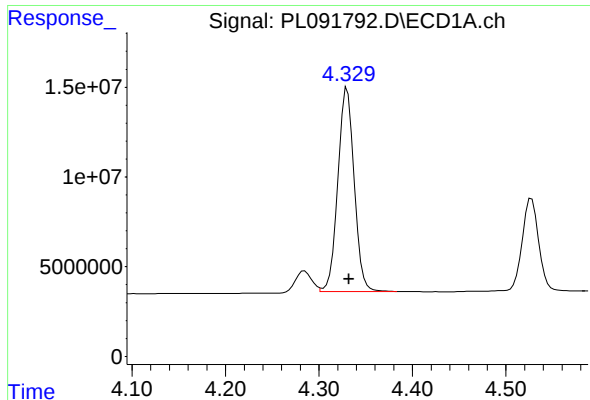
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 144188655
Conc: 66.76 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 179486458
Conc: 67.49 ng/ml



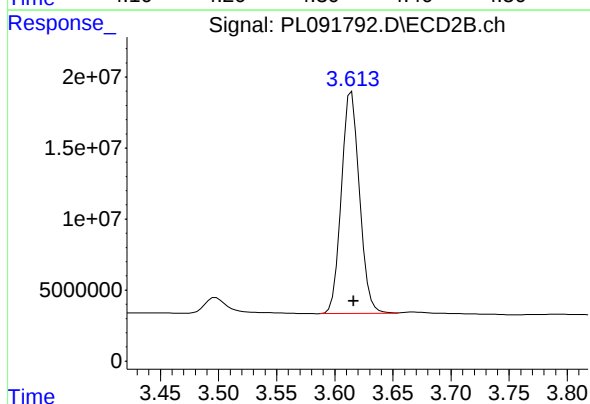
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 137478342
Conc: 66.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

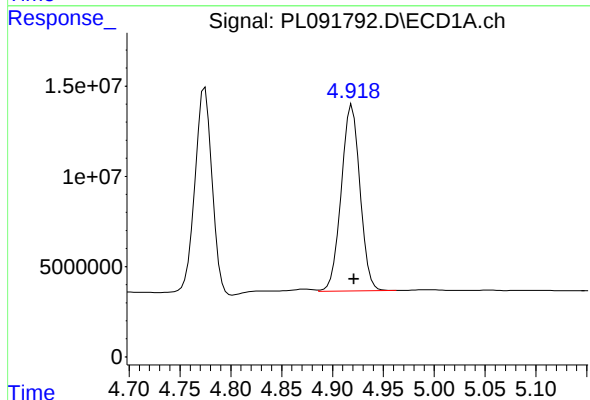
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



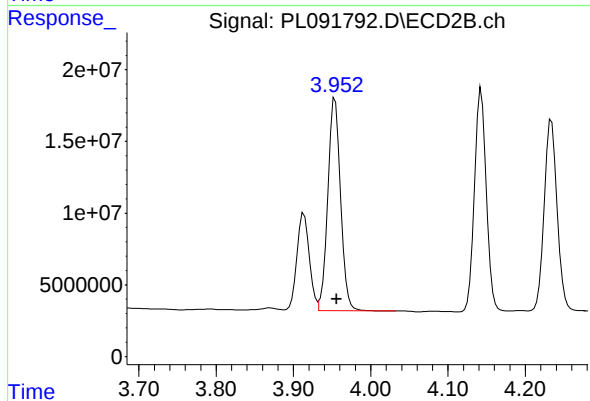
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.002 min
Response: 168980255
Conc: 68.71 ng/ml



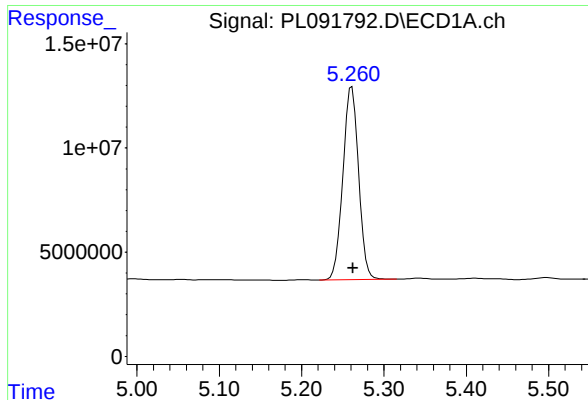
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 132000670
Conc: 70.47 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 170570765
Conc: 70.83 ng/ml



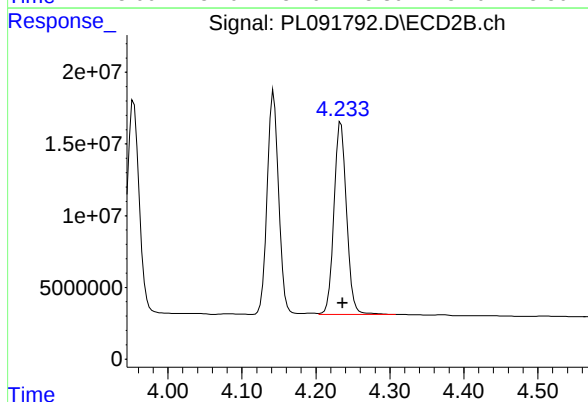
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 122305758
Conc: 65.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

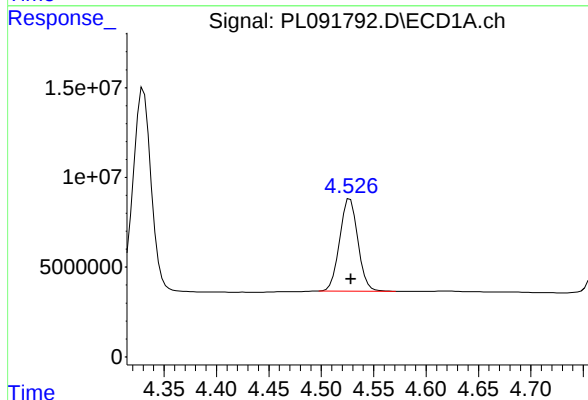
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



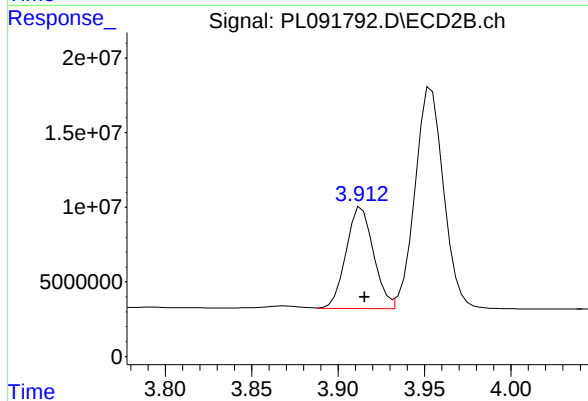
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 158761326
Conc: 69.59 ng/ml



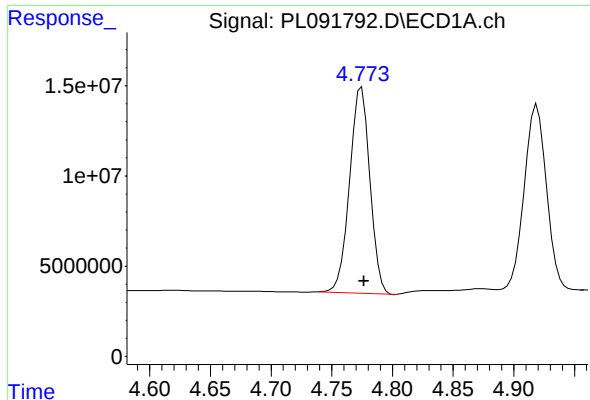
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.001 min
Response: 62269331
Conc: 68.43 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.002 min
Response: 74658633
Conc: 68.34 ng/ml



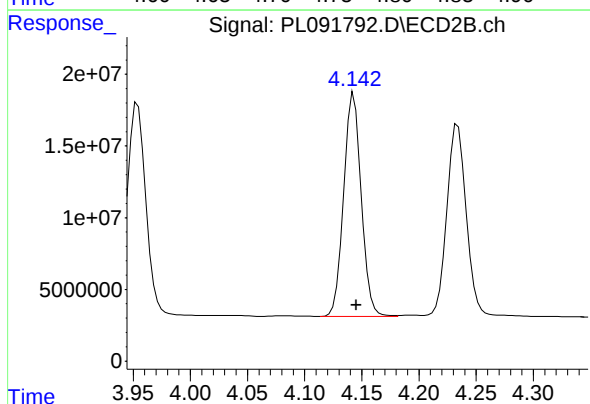
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 133246061
Conc: 69.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

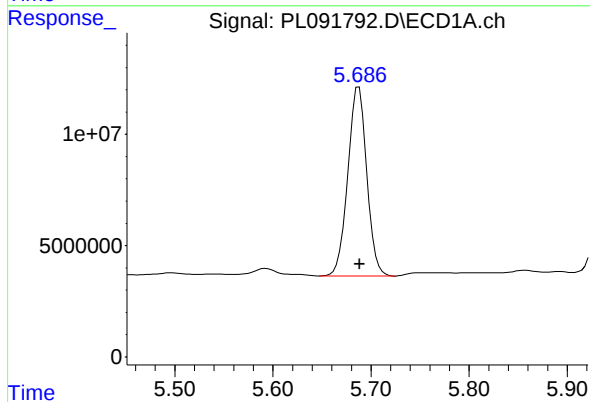
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



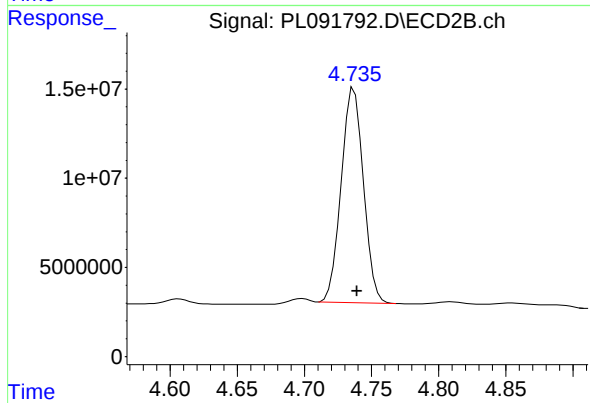
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 167425148
Conc: 72.77 ng/ml



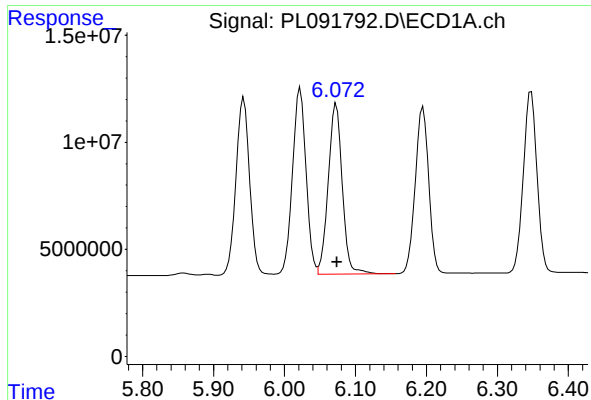
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 113973052
Conc: 68.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 139136828
Conc: 66.01 ng/ml m



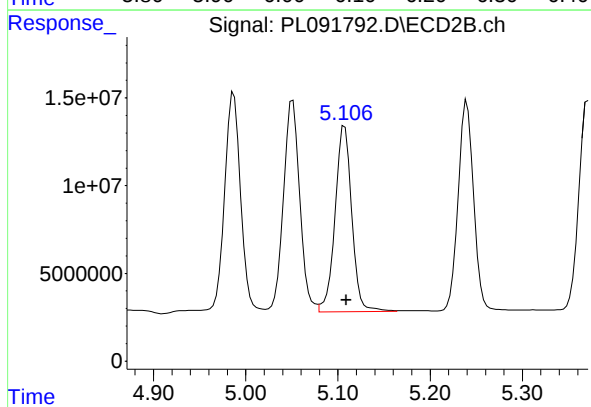
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 110041627
Conc: 70.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

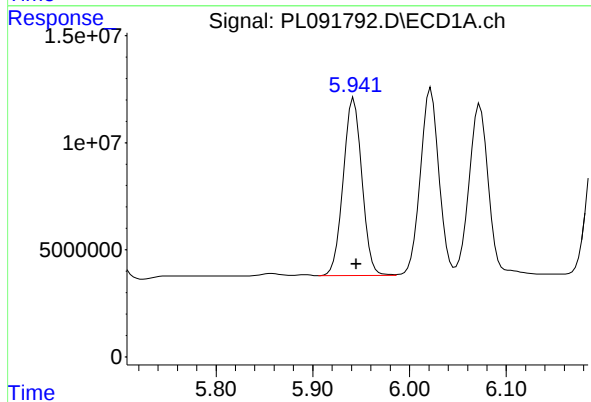
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



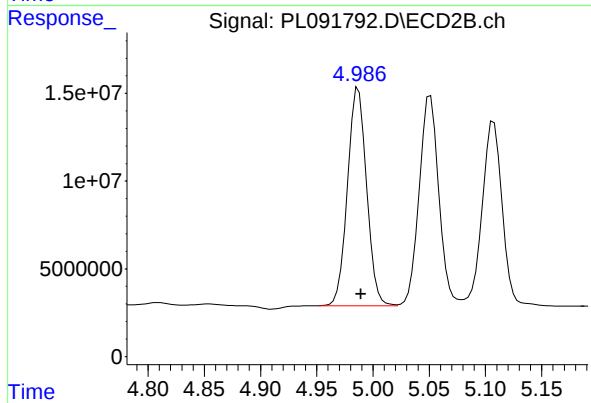
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 133712618
Conc: 69.30 ng/ml



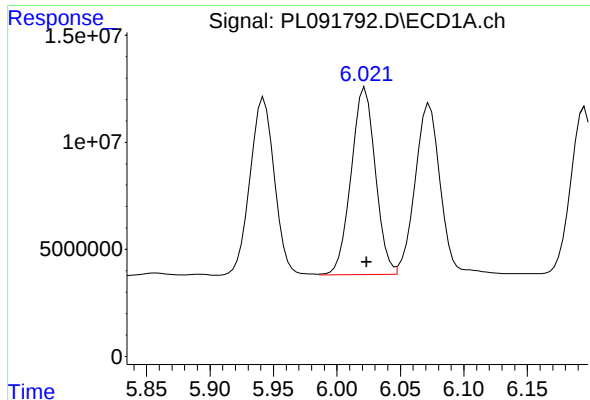
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 110671730
Conc: 66.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 147524334
Conc: 66.88 ng/ml m



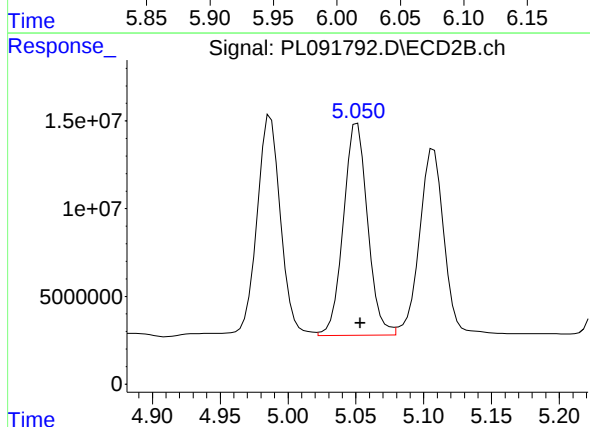
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 115959739
Conc: 71.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

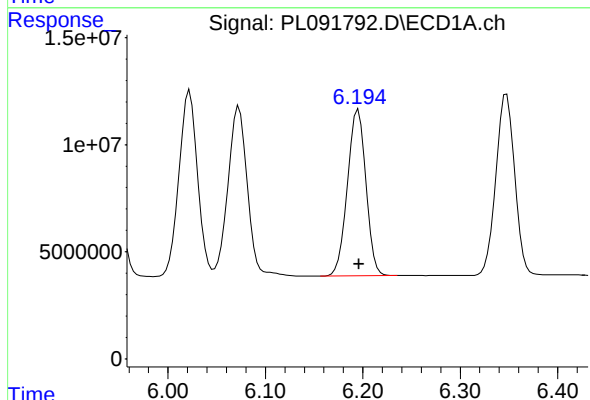
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



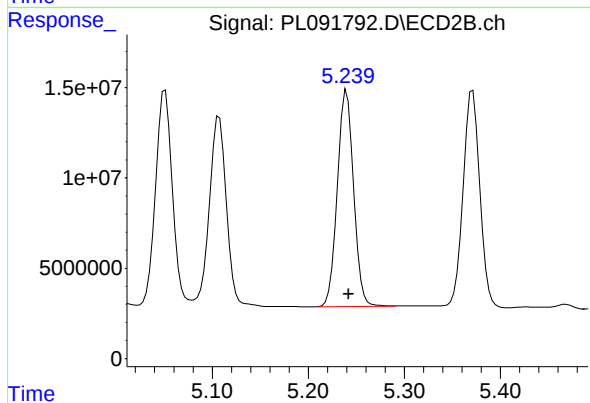
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 149881526
Conc: 72.44 ng/ml



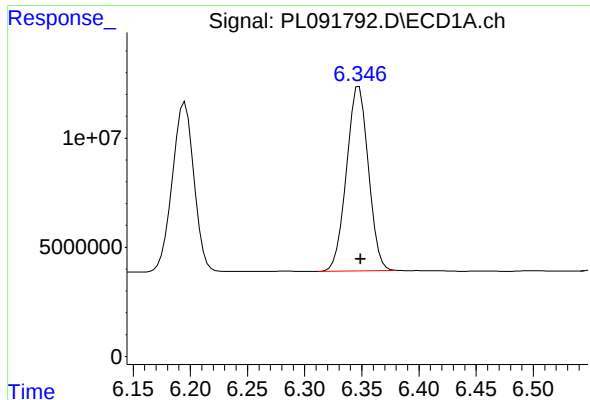
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 102188260
Conc: 70.06 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 138987967
Conc: 73.28 ng/ml



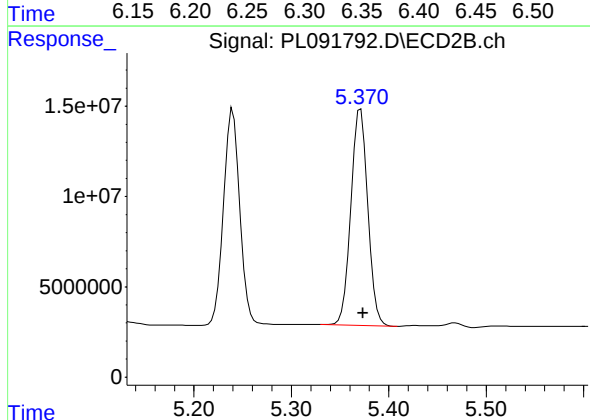
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 113130580
Conc: 69.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

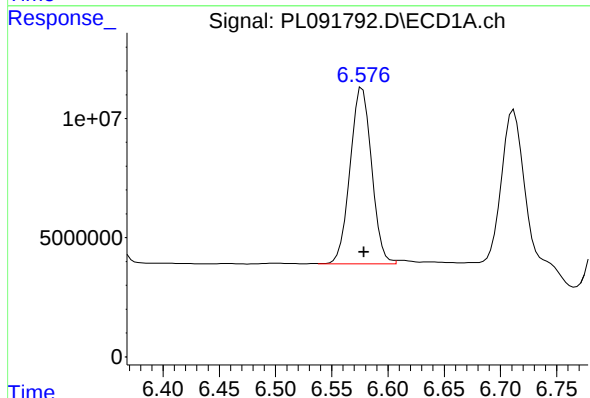
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



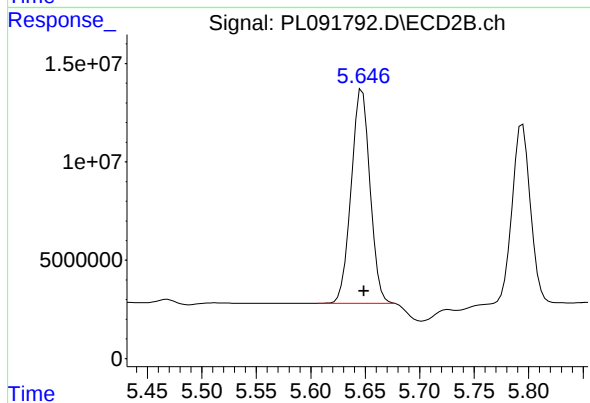
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 144344381
Conc: 70.23 ng/ml



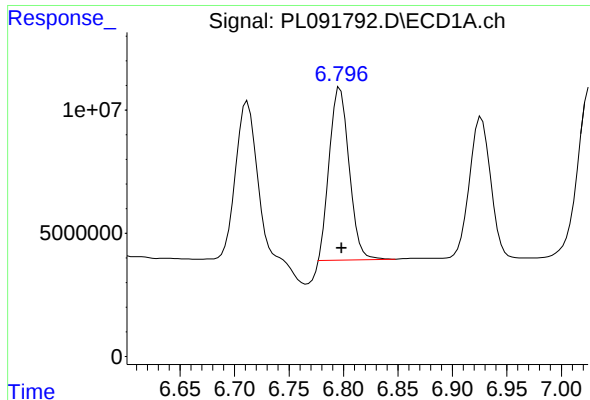
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 98255083
Conc: 73.89 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.003 min
Response: 130875761
Conc: 69.35 ng/ml m



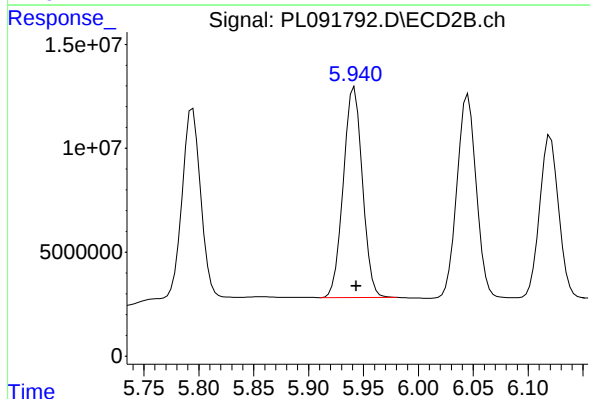
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 88804367
Conc: 57.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

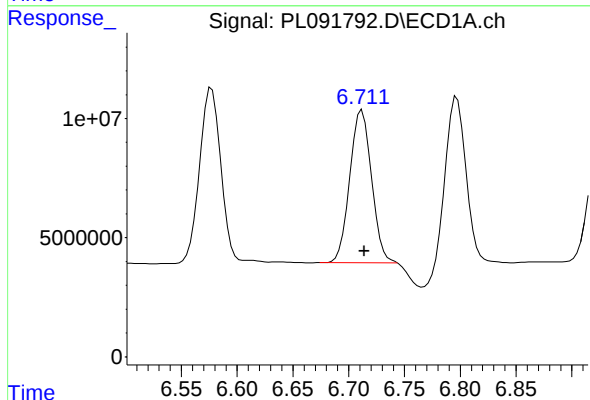
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



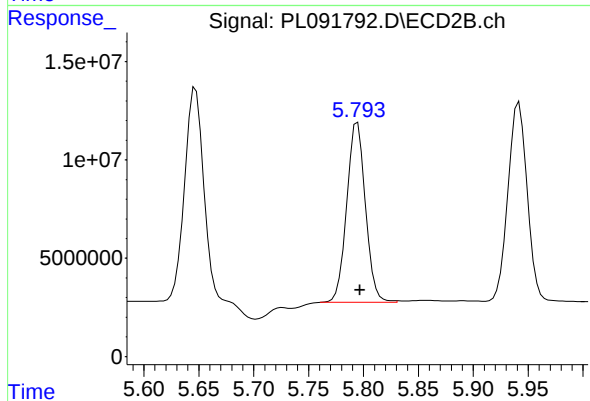
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 122457133
Conc: 69.23 ng/ml



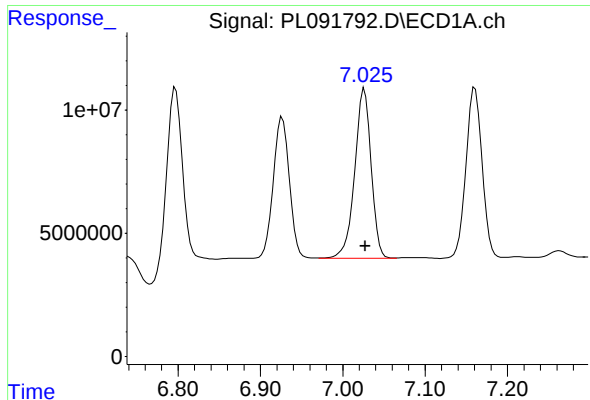
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 87045267
Conc: 68.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 108168116
Conc: 64.55 ng/ml m



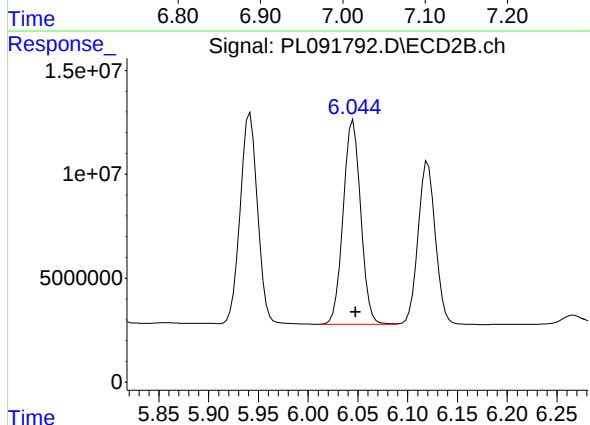
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 95352772
Conc: 72.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

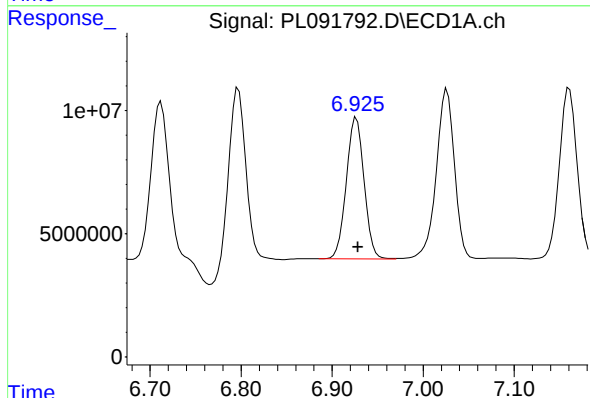
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



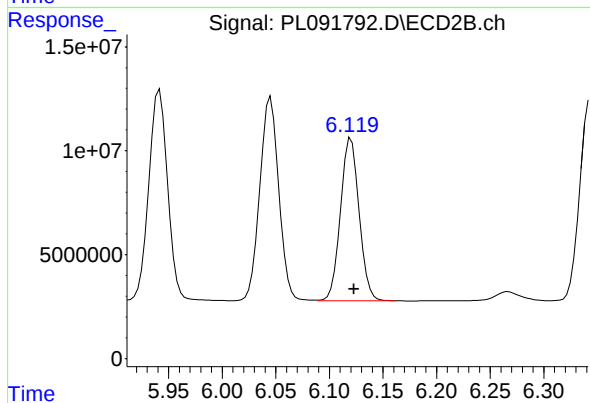
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 120566654
Conc: 75.04 ng/ml



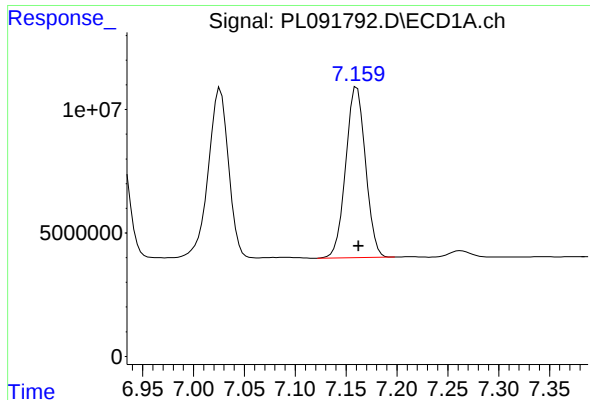
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 78252638
Conc: 65.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 94461502
Conc: 69.10 ng/ml



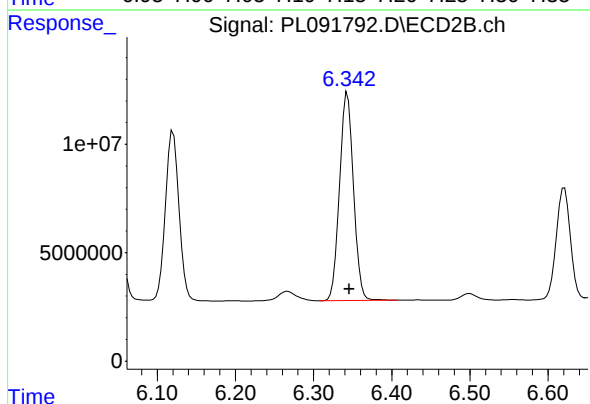
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 93583817
Conc: 67.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

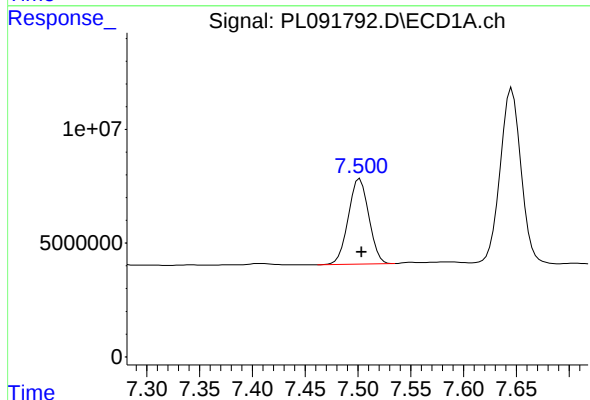
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



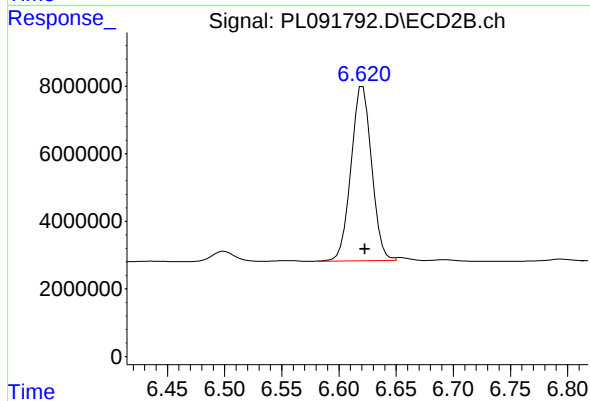
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 119234886
Conc: 69.48 ng/ml



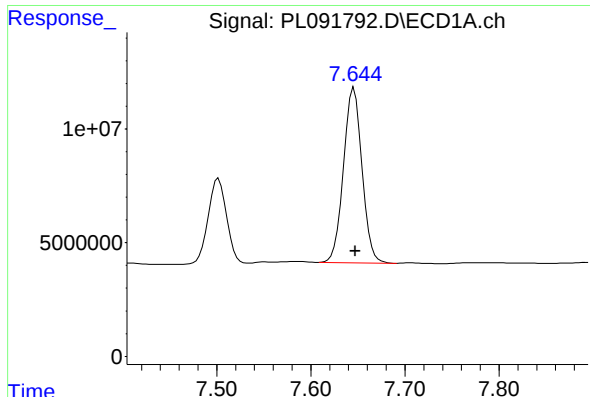
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 50682339
Conc: 74.92 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 64968960
Conc: 73.35 ng/ml



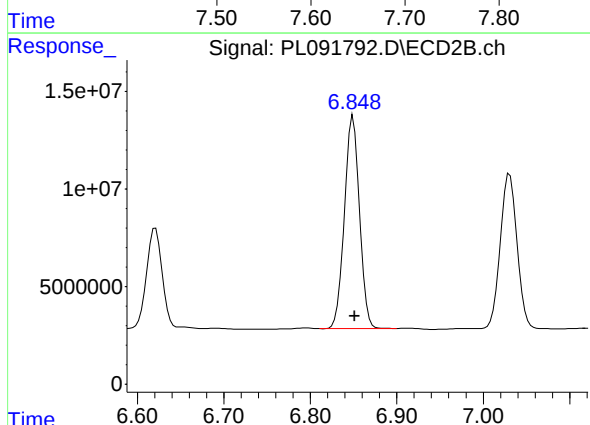
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 104983721
Conc: 67.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

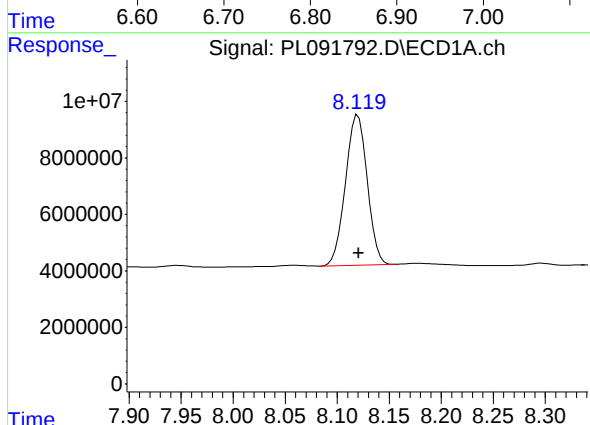
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



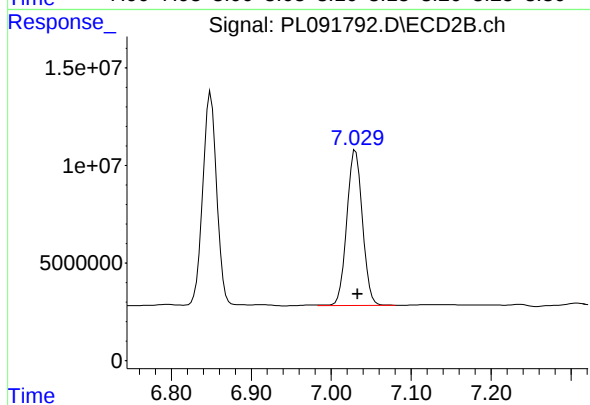
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 131141535
Conc: 65.20 ng/ml



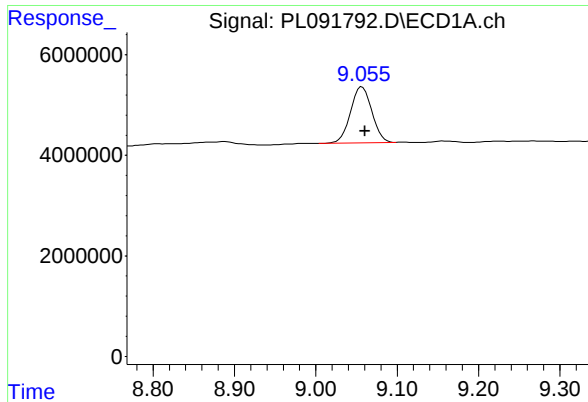
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 77484487
Conc: 64.71 ng/ml



#22 Mirex

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 107865385
Conc: 60.83 ng/ml



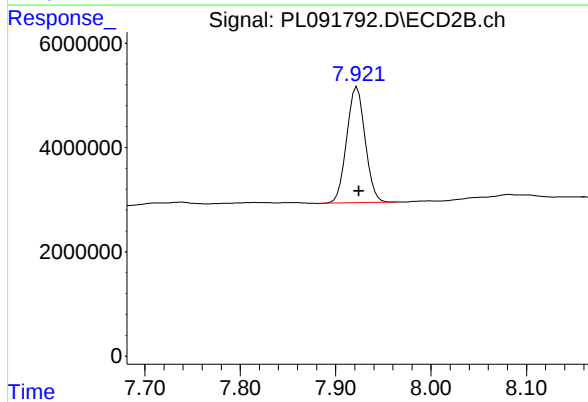
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 20275590
Conc: 16.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
DN-B-49MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2024
Supervised By :Ankita Jodhani 09/18/2024



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.002 min
Response: 30047164
Conc: 16.27 ng/ml