

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
 Data File : PL080762.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 10:42
 Operator : AR\AJ
 Sample : PB150655BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150655BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2023
 Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:19:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.359	2.686	48219603	45739711	22.482	20.824
28) SA Decachlor...	8.798	7.837	42021477	49914422	24.002	20.950
Target Compounds						
2) A alpha-BHC	3.808	3.188	167.9E6	150.2E6	53.008	47.218
3) MA gamma-BHC...	4.137	3.517	154.2E6	140.2E6	52.438	46.933
4) MA Heptachlor	4.720	3.858	152.2E6	142.5E6	51.500	44.784
5) MB Aldrin	5.059	4.137	143.7E6	137.1E6	52.544	46.472
6) B beta-BHC	4.333	3.813	64798990	59406357	47.471	44.512
7) B delta-BHC	4.576	4.043	154.7E6	137.0E6	53.431	47.505
8) B Heptachlo...	5.483	4.640	130.1E6	125.5E6	50.282	45.109
9) A Endosulfan I	5.865	5.010	119.4E6	114.8E6	50.553	44.134
10) B gamma-Chl...	5.738	4.890	131.1E6	127.7E6	51.905	45.040m
11) B alpha-Chl...	5.817	4.956	129.6E6	124.2E6	51.349	43.338
12) B 4,4'-DDE	5.995	5.147	115.9E6	108.0E6	52.020	45.799m
13) MA Dieldrin	6.139	5.274	127.1E6	124.2E6	53.117	45.933m
14) MA Endrin	6.366	5.549	108.6E6	111.9E6	50.208	48.226
15) B Endosulfa...	6.585	5.844	109.7E6	107.3E6	47.838	51.486
16) A 4,4'-DDD	6.508	5.702	95761285	89912396	52.272	47.846
17) MA 4,4'-DDT	6.821	5.954	97350090	92167101	46.855	43.858
18) B Endrin al...	6.714	6.024	90863014	89786735	54.625	49.168
19) B Endosulfa...	6.948	6.247	107.3E6	108.0E6	51.821	46.450
20) A Methoxychlor	7.300	6.532	53647309	52403634	48.625	43.185
21) B Endrin ke...	7.428	6.752	118.4E6	122.0E6	53.650	47.783
22) Mirex	7.900	6.935	86451572	103.5E6	50.269	45.460

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020623\
Data File : PL080762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2023 10:42
Operator : AR\AJ
Sample : PB150655BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150655BS

Manual Integrations

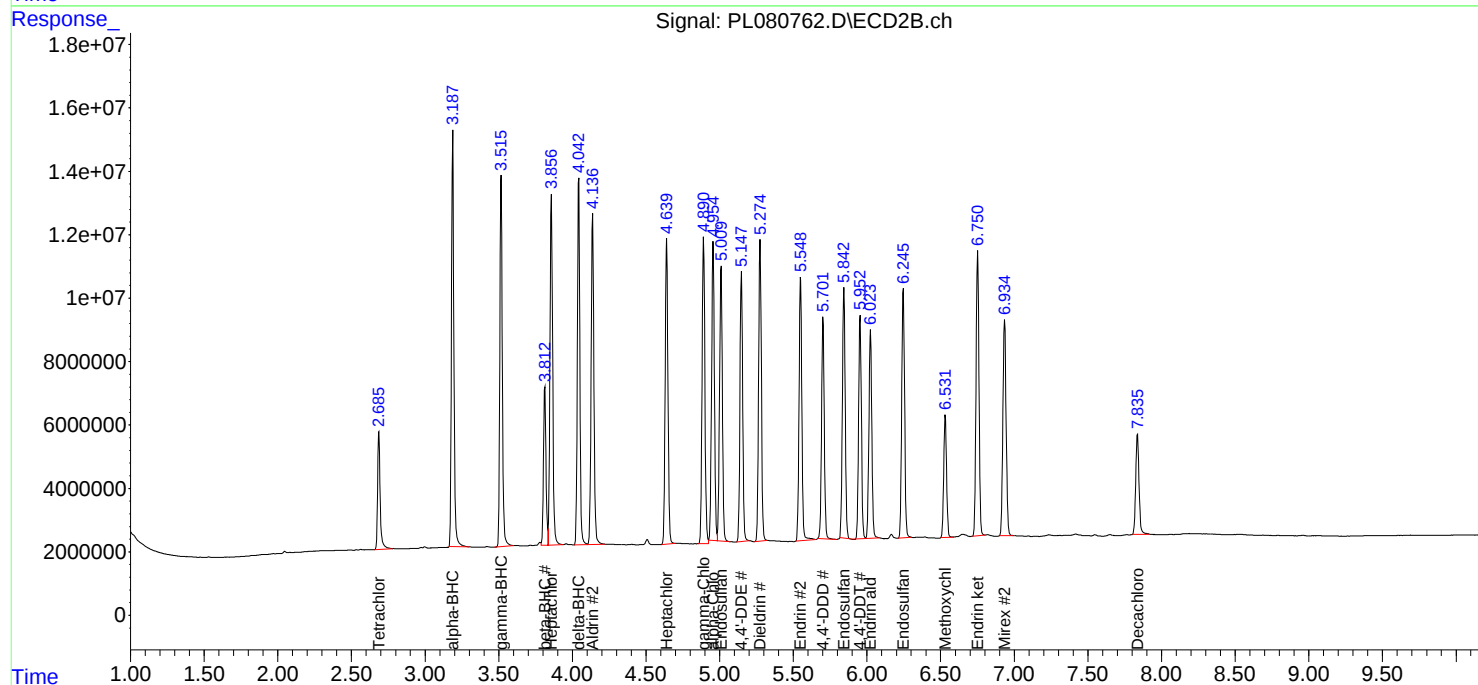
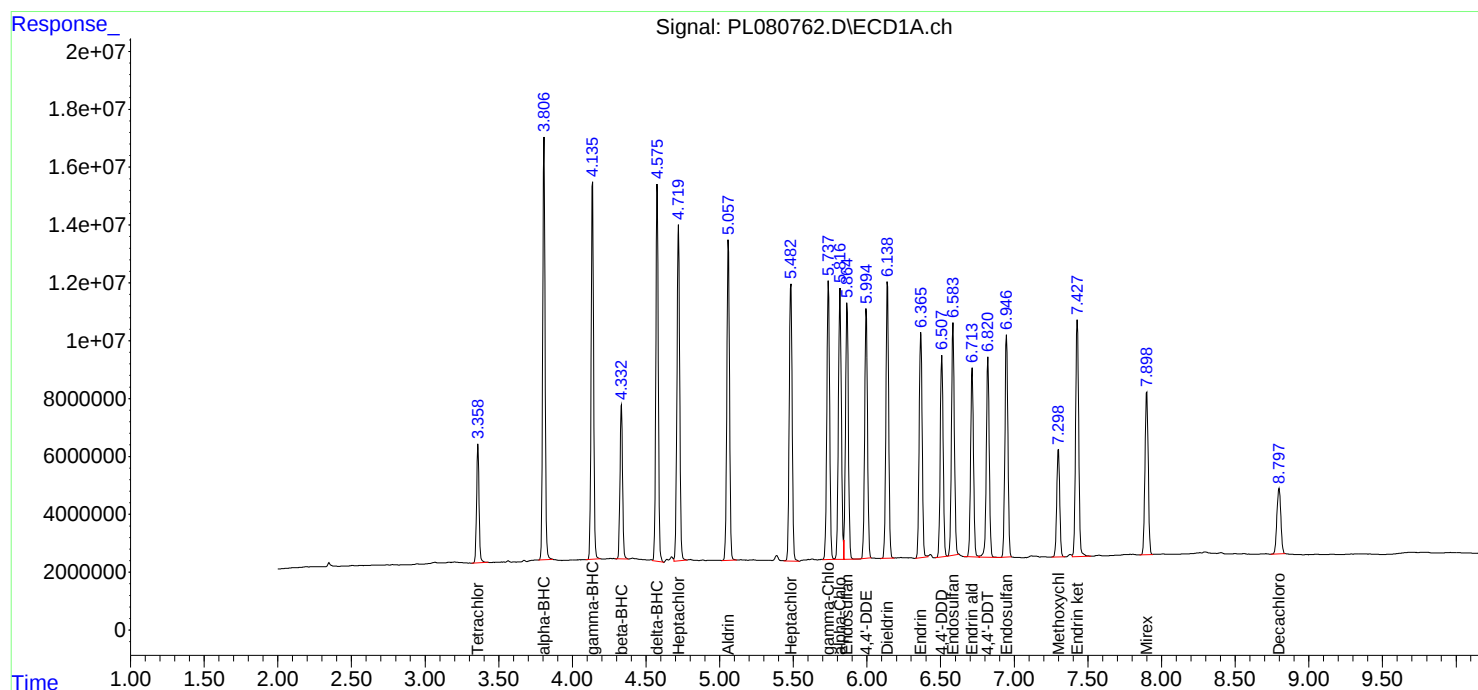
APPROVED

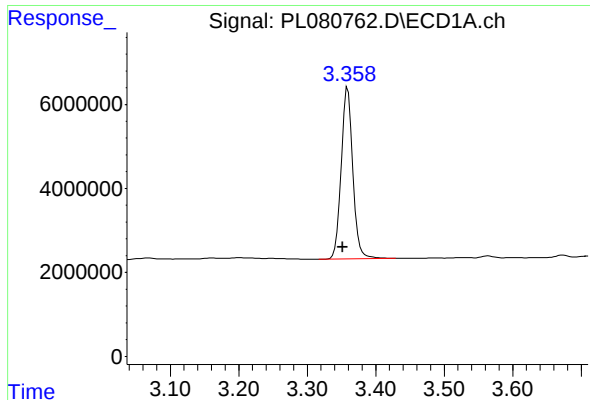
Reviewed By :Abdul Mirza 02/07/2023

Supervised By :Ankita Jodhani 02/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 21:19:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
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





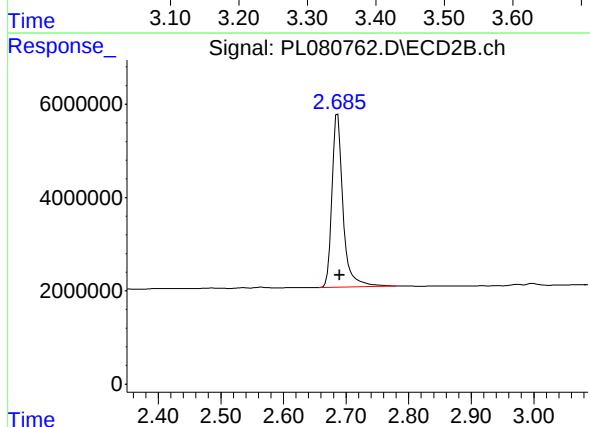
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 48219603
Conc: 22.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

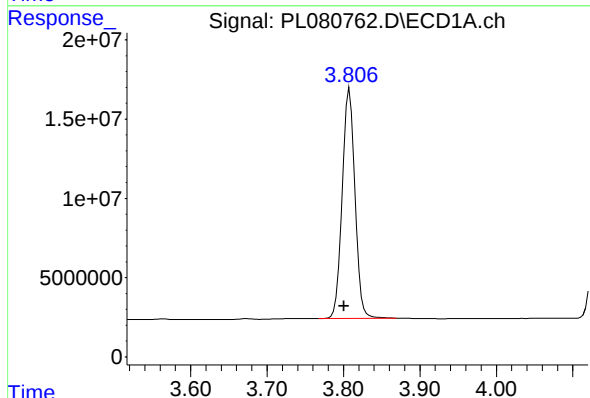
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



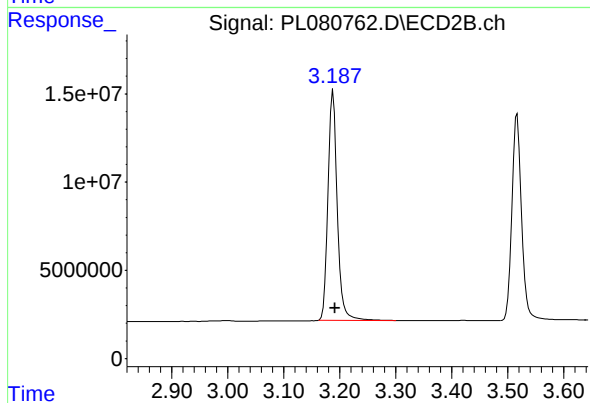
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 45739711
Conc: 20.82 ng/ml



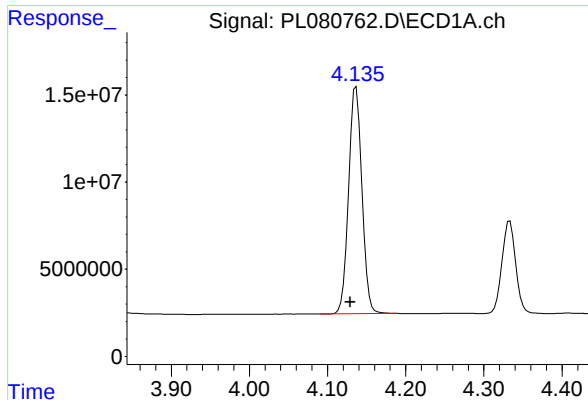
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.007 min
Response: 167930028
Conc: 53.01 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 150173306
Conc: 47.22 ng/ml



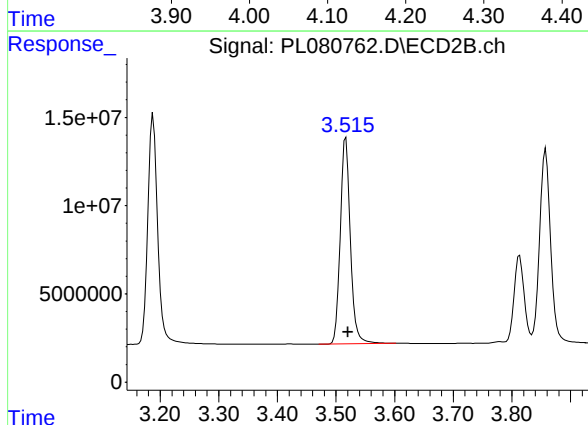
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.007 min
Response: 154155442
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

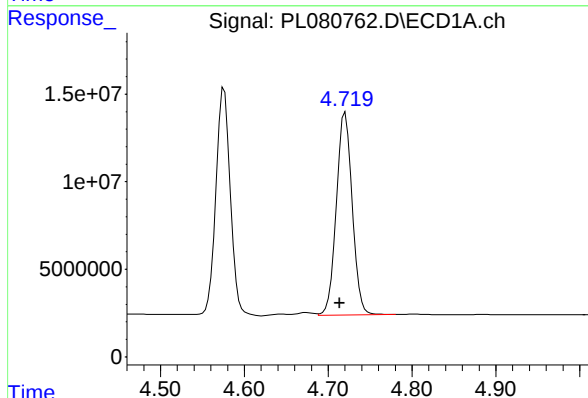
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



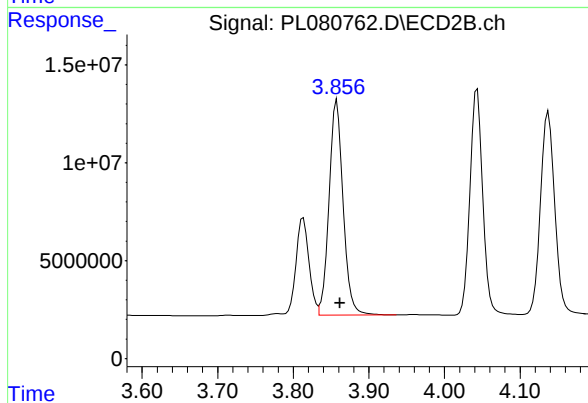
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 140202452
Conc: 46.93 ng/ml



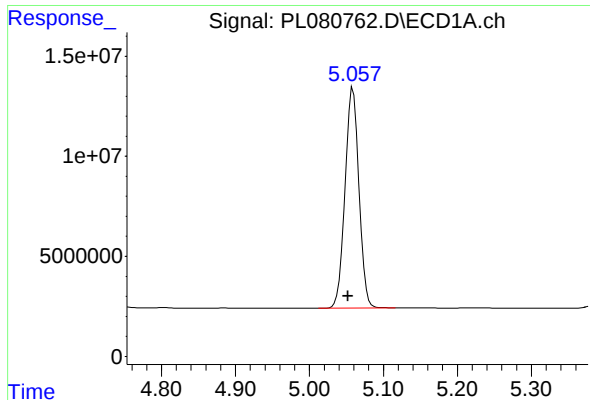
#4 Heptachlor

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 152193872
Conc: 51.50 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 142517669
Conc: 44.78 ng/ml



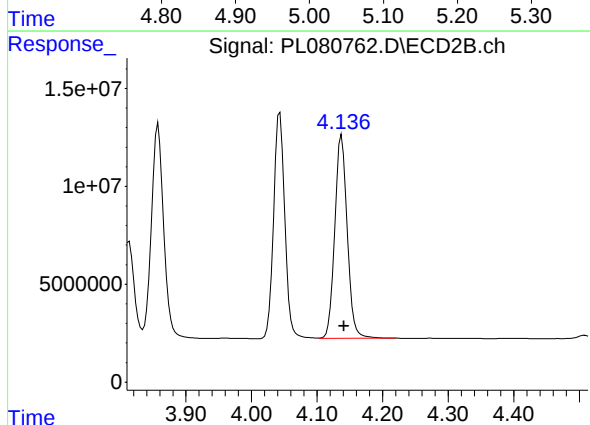
#5 Aldrin

R.T.: 5.059 min
Delta R.T.: 0.007 min
Response: 143748672
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

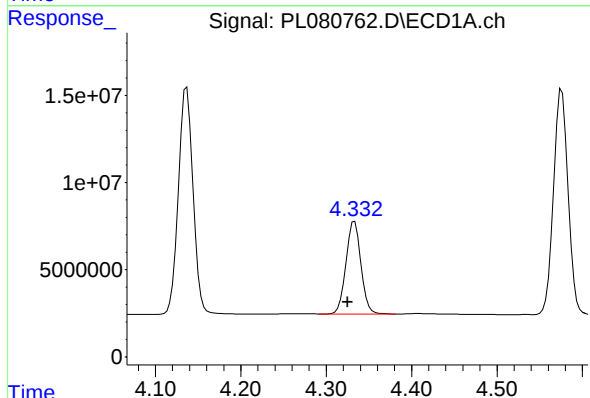
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



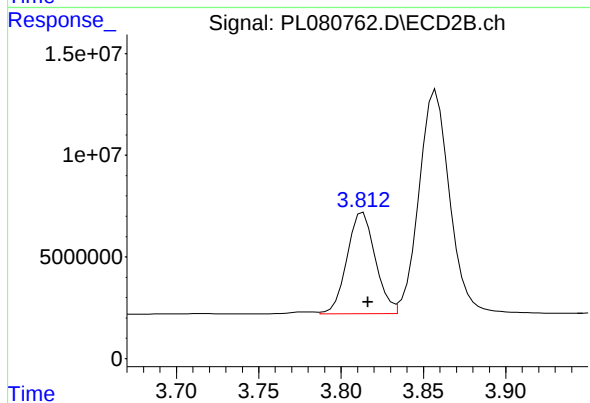
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 137073002
Conc: 46.47 ng/ml



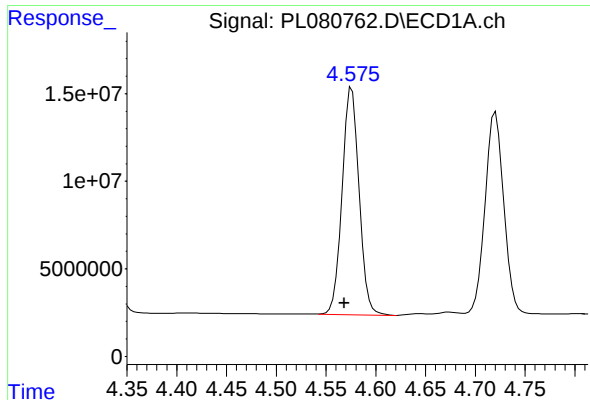
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 64798990
Conc: 47.47 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 59406357
Conc: 44.51 ng/ml



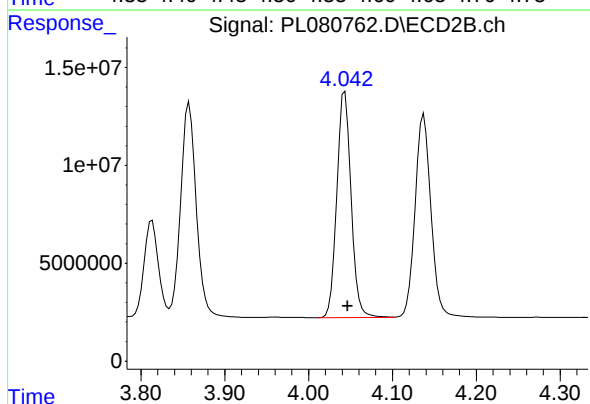
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.007 min
Response: 154682668
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

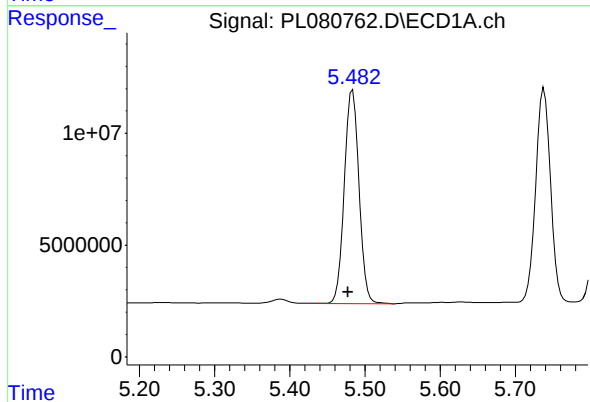
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



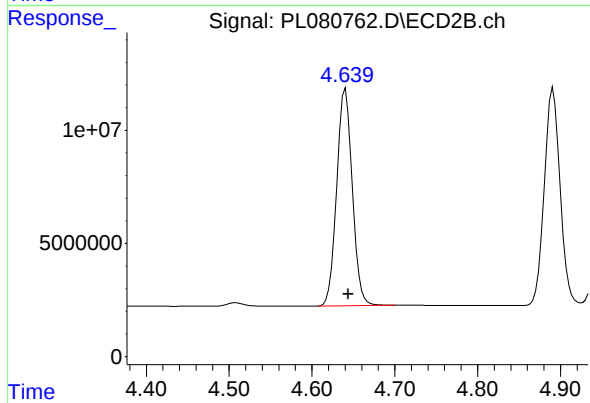
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 137024260
Conc: 47.50 ng/ml



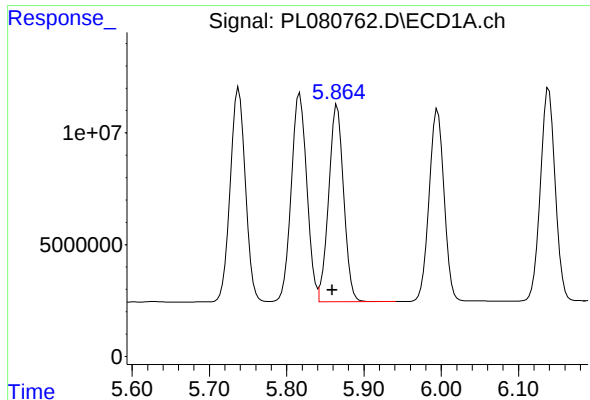
#8 Heptachlor epoxide

R.T.: 5.483 min
Delta R.T.: 0.006 min
Response: 130082157
Conc: 50.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 125508108
Conc: 45.11 ng/ml



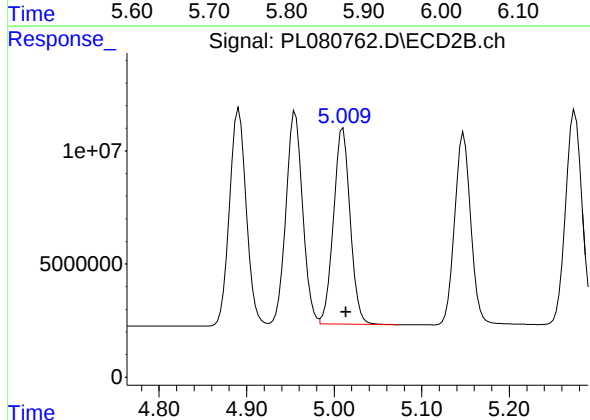
#9 Endosulfan I

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 119379846
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



#9 Endosulfan I

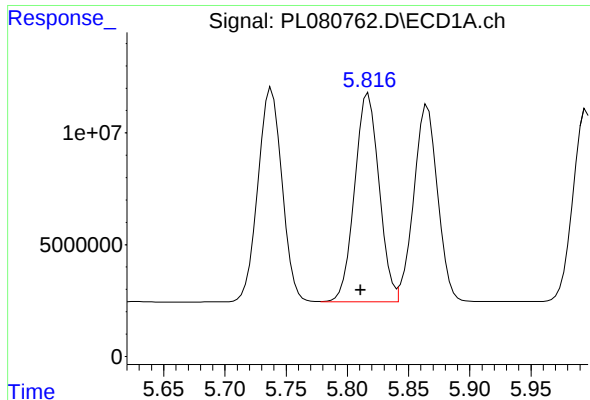
R.T.: 5.010 min
Delta R.T.: -0.003 min
Response: 114807401
Conc: 44.13 ng/ml

#10 gamma-Chlordane

R.T.: 5.738 min
Delta R.T.: 0.006 min
Response: 131097035
Conc: 51.90 ng/ml

#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 127654349
Conc: 45.04 ng/ml m



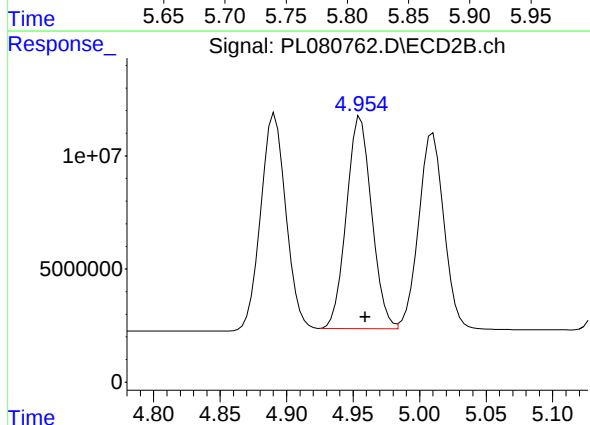
#11 alpha-Chlordane

R.T.: 5.817 min
Delta R.T.: 0.006 min
Response: 129618122
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

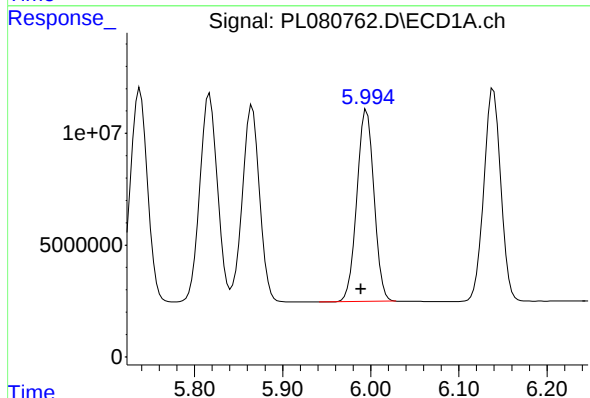
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



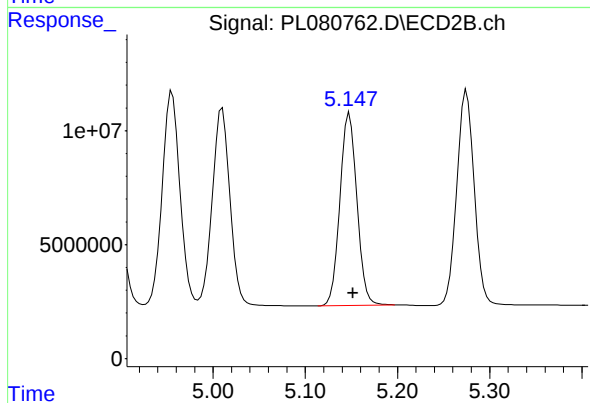
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.004 min
Response: 124150381
Conc: 43.34 ng/ml



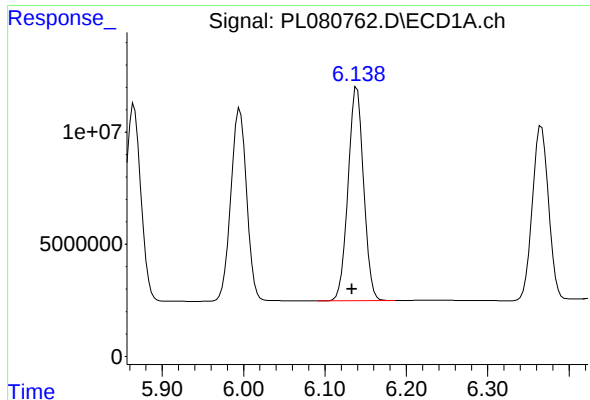
#12 4,4'-DDE

R.T.: 5.995 min
Delta R.T.: 0.006 min
Response: 115866500
Conc: 52.02 ng/ml



#12 4,4'-DDE

R.T.: 5.147 min
Delta R.T.: -0.005 min
Response: 108032456
Conc: 45.80 ng/ml m



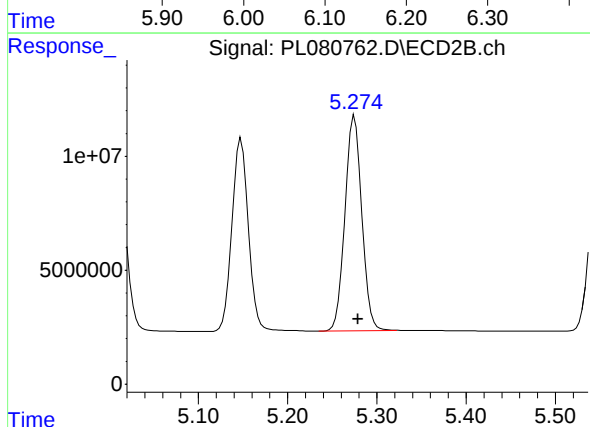
#13 Dieldrin

R.T.: 6.139 min
Delta R.T.: 0.006 min
Response: 127127349
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

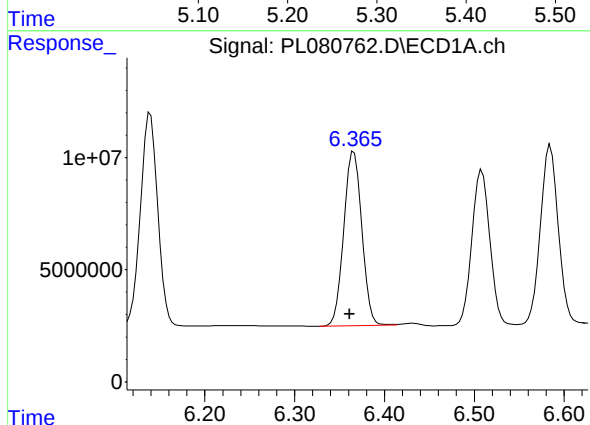
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



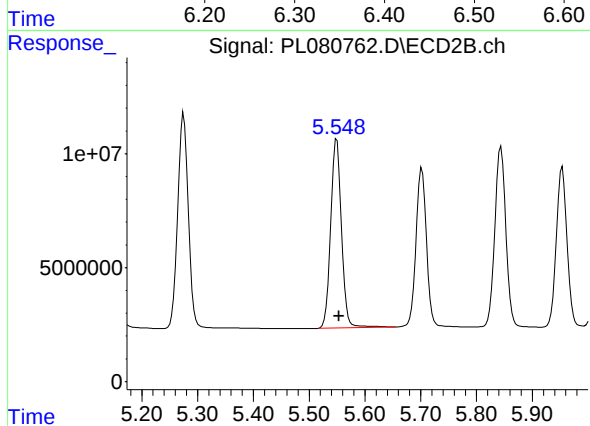
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 124246750
Conc: 45.93 ng/ml m



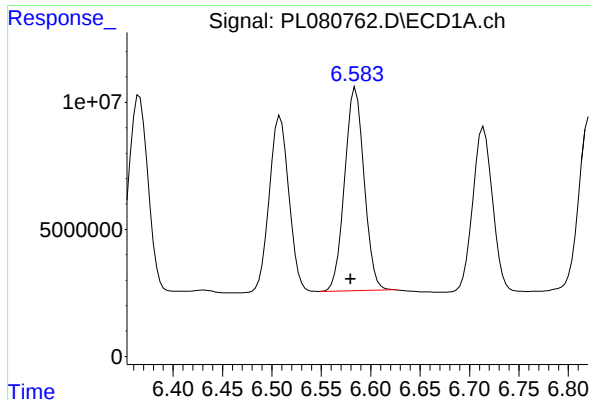
#14 Endrin

R.T.: 6.366 min
Delta R.T.: 0.005 min
Response: 108584574
Conc: 50.21 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 111939824
Conc: 48.23 ng/ml



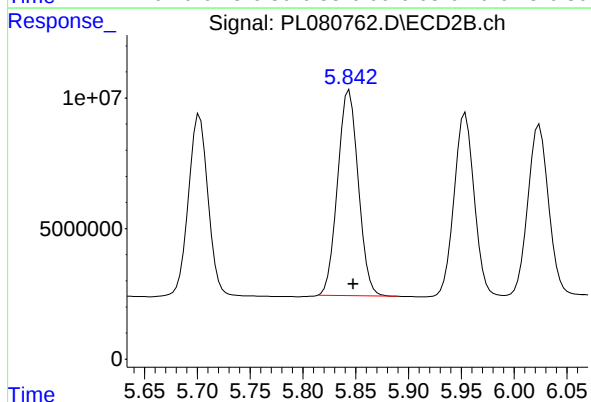
#15 Endosulfan II

R.T.: 6.585 min
Delta R.T.: 0.005 min
Response: 109660121
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

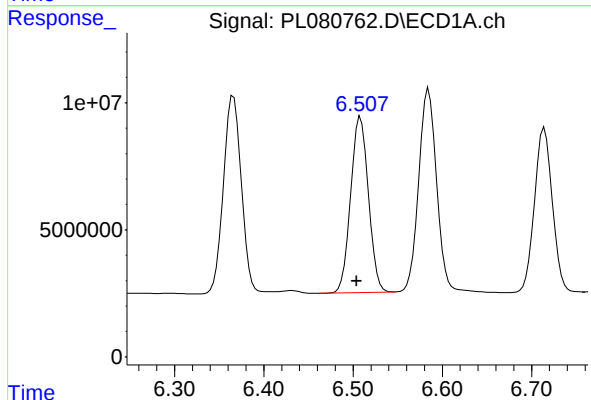
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



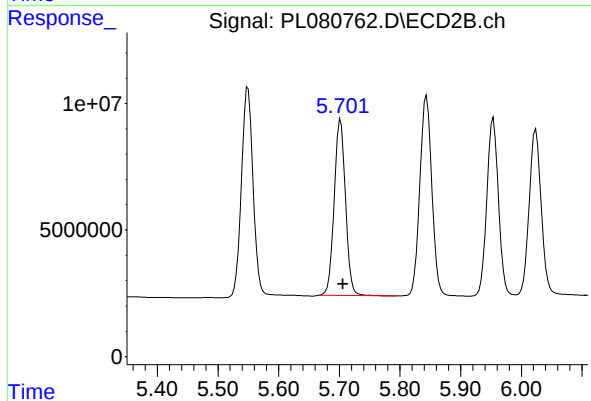
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 107282431
Conc: 51.49 ng/ml



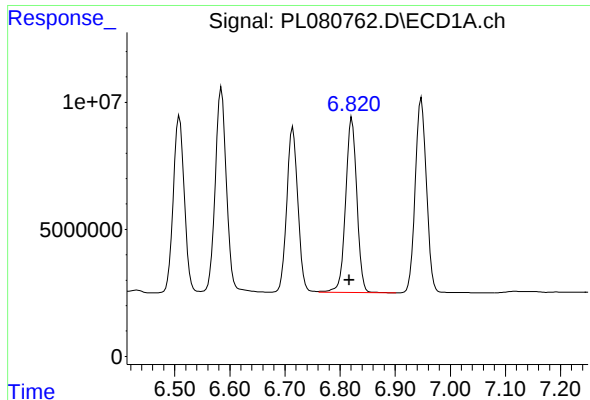
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.005 min
Response: 95761285
Conc: 52.27 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 89912396
Conc: 47.85 ng/ml



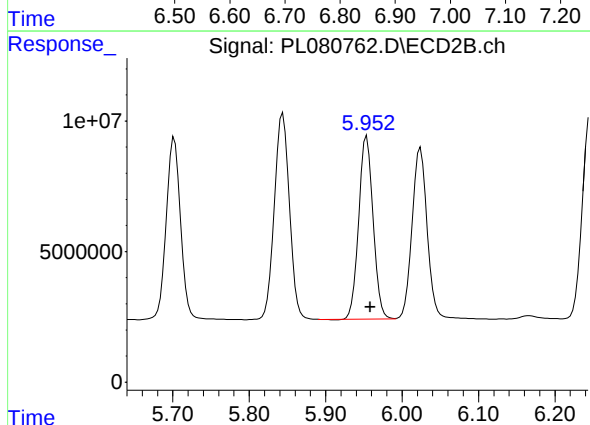
#17 4,4'-DDT

R.T.: 6.821 min
Delta R.T.: 0.005 min
Response: 97350090
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

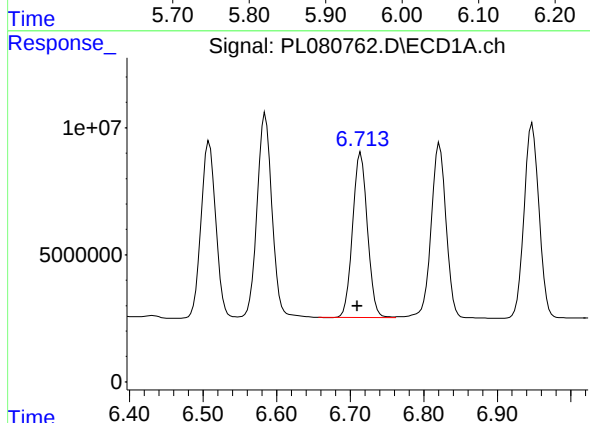
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



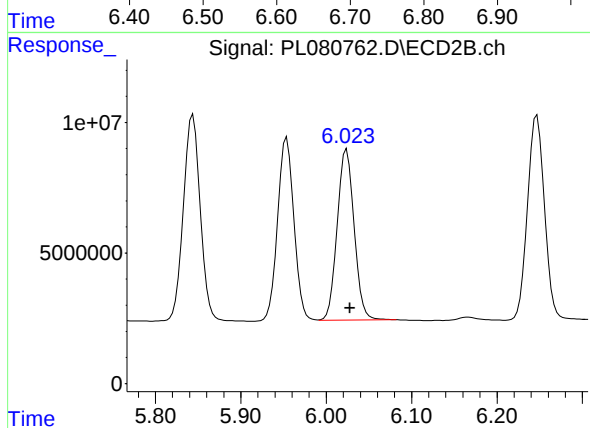
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 92167101
Conc: 43.86 ng/ml



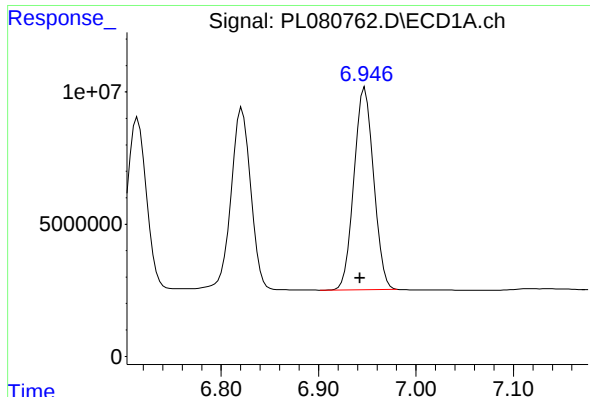
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 90863014
Conc: 54.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 89786735
Conc: 49.17 ng/ml



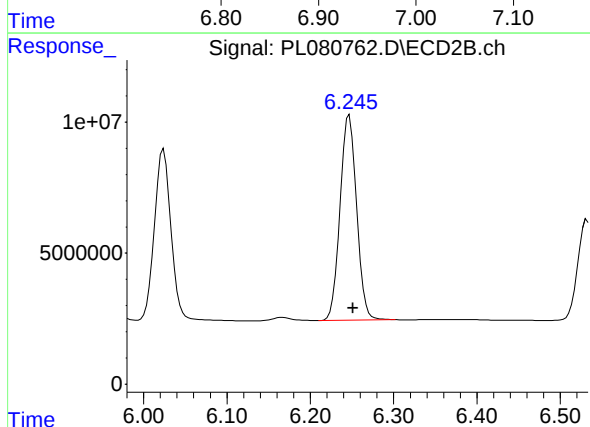
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.005 min
Response: 107265842
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

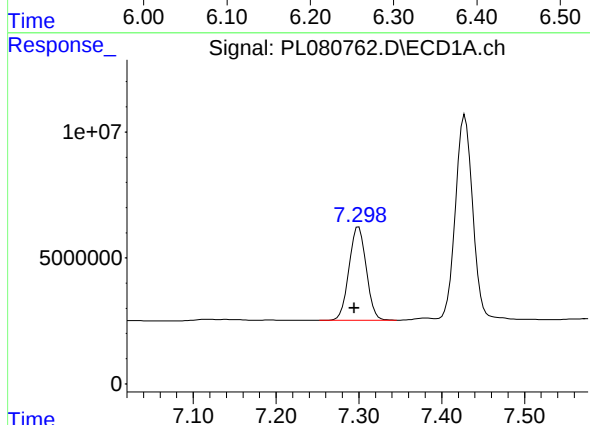
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



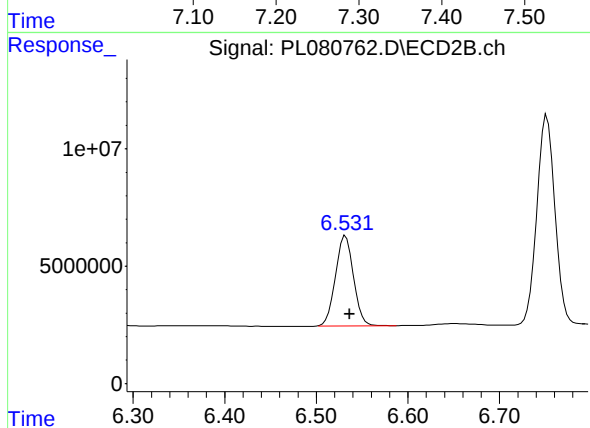
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 108028211
Conc: 46.45 ng/ml



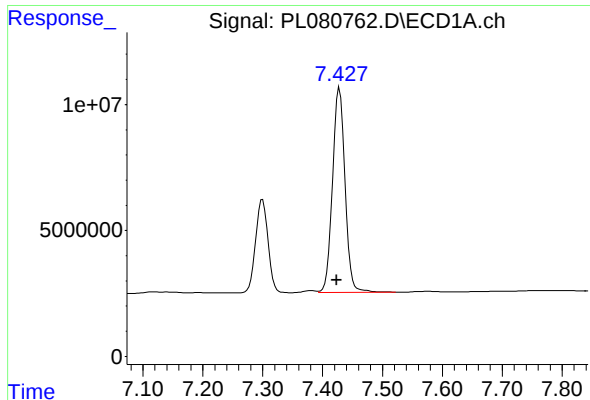
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.005 min
Response: 53647309
Conc: 48.62 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 52403634
Conc: 43.19 ng/ml



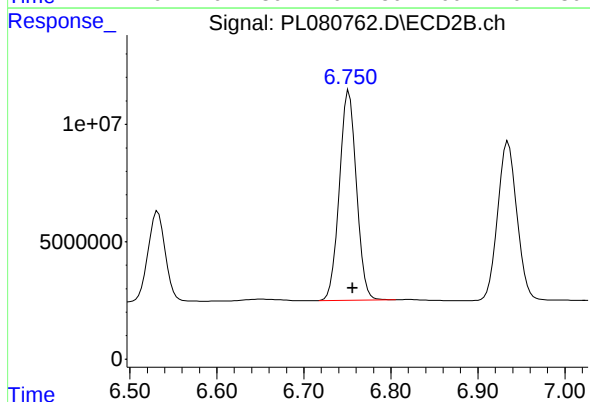
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 118370915
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

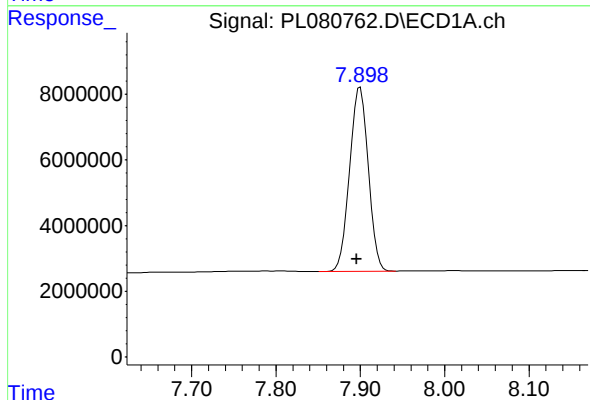
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



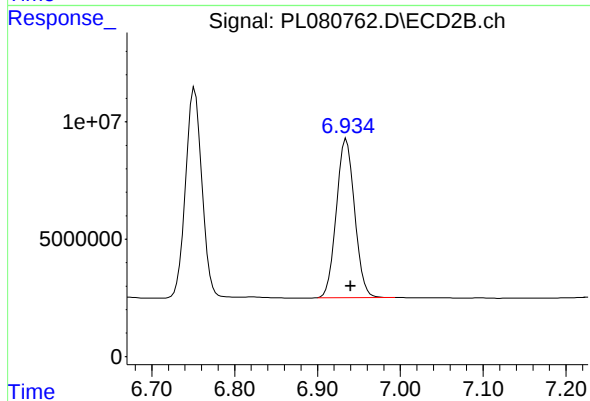
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 122001296
Conc: 47.78 ng/ml



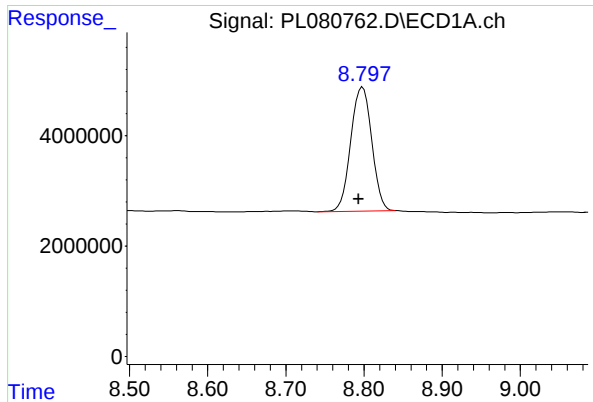
#22 Mirex

R.T.: 7.900 min
Delta R.T.: 0.004 min
Response: 86451572
Conc: 50.27 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 103500005
Conc: 45.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 42021477
Conc: 24.00 ng/ml

Instrument :

ECD_L

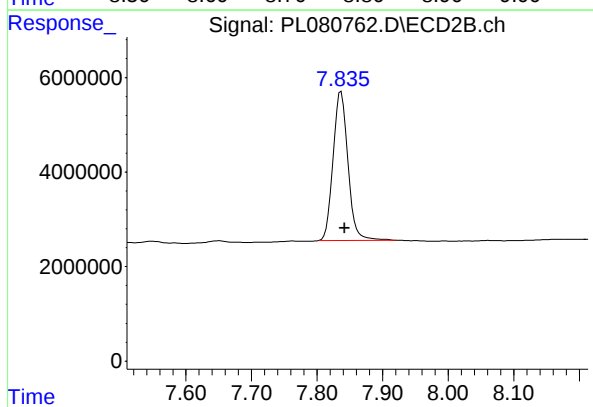
ClientSampleId :

PB150655BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/07/2023
Supervised By :Ankita Jodhani 02/07/2023



#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 49914422
Conc: 20.95 ng/ml