

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 15:04
 Operator : AR\AJ
 Sample : PB156529BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156529BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:35:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	51925499	15629384	17.459	16.732
28)	SA Decachlor...	8.859	7.775	48536032	21501451	22.284	23.296
Target Compounds							
2)	A alpha-BHC	3.809	3.119	219.7E6	63139582	51.188	50.185
3)	MA gamma-BHC...	4.141	3.445	202.5E6	59795430	48.981	48.482m
4)	MA Heptachlor	4.727	3.784	207.9E6	64280656	53.756m	55.269
5)	MB Aldrin	5.068	4.060	195.9E6	59074928	50.529	52.827
6)	B beta-BHC	4.345	3.749	86300602	27002779	52.189	51.870
7)	B delta-BHC	4.587	3.974	190.3E6	58823857	49.643	51.197
8)	B Heptachlo...	5.497	4.565	171.5E6	56118351	49.725m	55.872
9)	A Endosulfan I	5.881	4.933	167.0E6	53915750	51.637m	50.260
10)	B gamma-Chl...	5.754	4.817	179.4E6	59352644	52.420m	59.929
11)	B alpha-Chl...	5.834	4.880	177.4E6	58585527	51.914m	53.712
12)	B 4,4'-DDE	6.017	5.080	155.7E6	50801853	55.689m	61.868
13)	MA Dieldrin	6.159	5.199	167.5E6	54917183	50.983	56.603
14)	MA Endrin	6.388	5.473	149.8E6	49727833	52.565	55.314
15)	B Endosulfa...	6.610	5.769	148.7E6	51405231	53.966	54.057m
16)	A 4,4'-DDD	6.538	5.636	118.6E6	42645069	58.883	61.268
17)	MA 4,4'-DDT	6.852	5.887	135.1E6	46721902	57.296m	59.085
18)	B Endrin al...	6.742	5.952	109.7E6	41185984	54.115	55.231
19)	B Endosulfa...	6.978	6.176	139.0E6	50159446	55.387	55.602
20)	A Methoxychlor	7.339	6.472	71987230	27943161	51.544	53.116
21)	B Endrin ke...	7.461	6.678	144.6E6	59268452	50.201	51.564
22)	Mirex	7.933	6.856	115.8E6	49541873	52.316	52.527

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
Data File : PL086059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 15:04
Operator : AR\AJ
Sample : PB156529BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

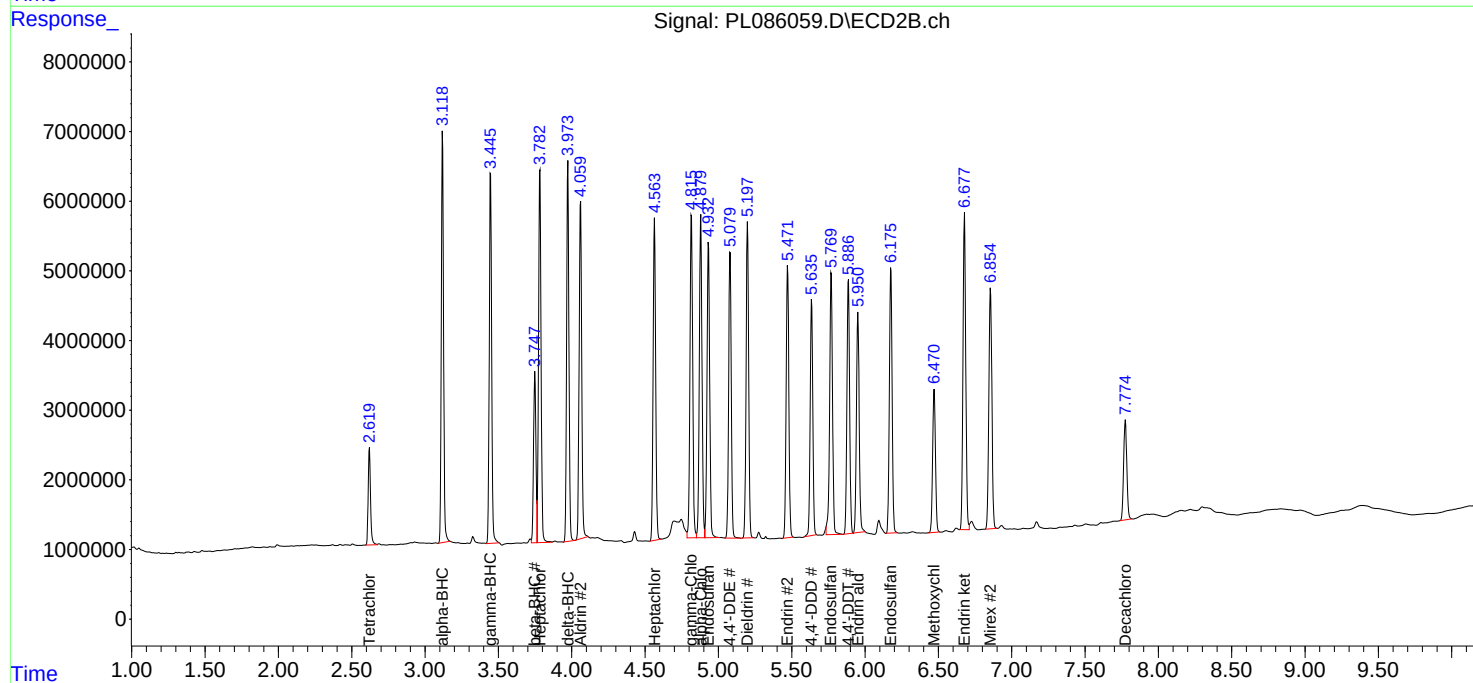
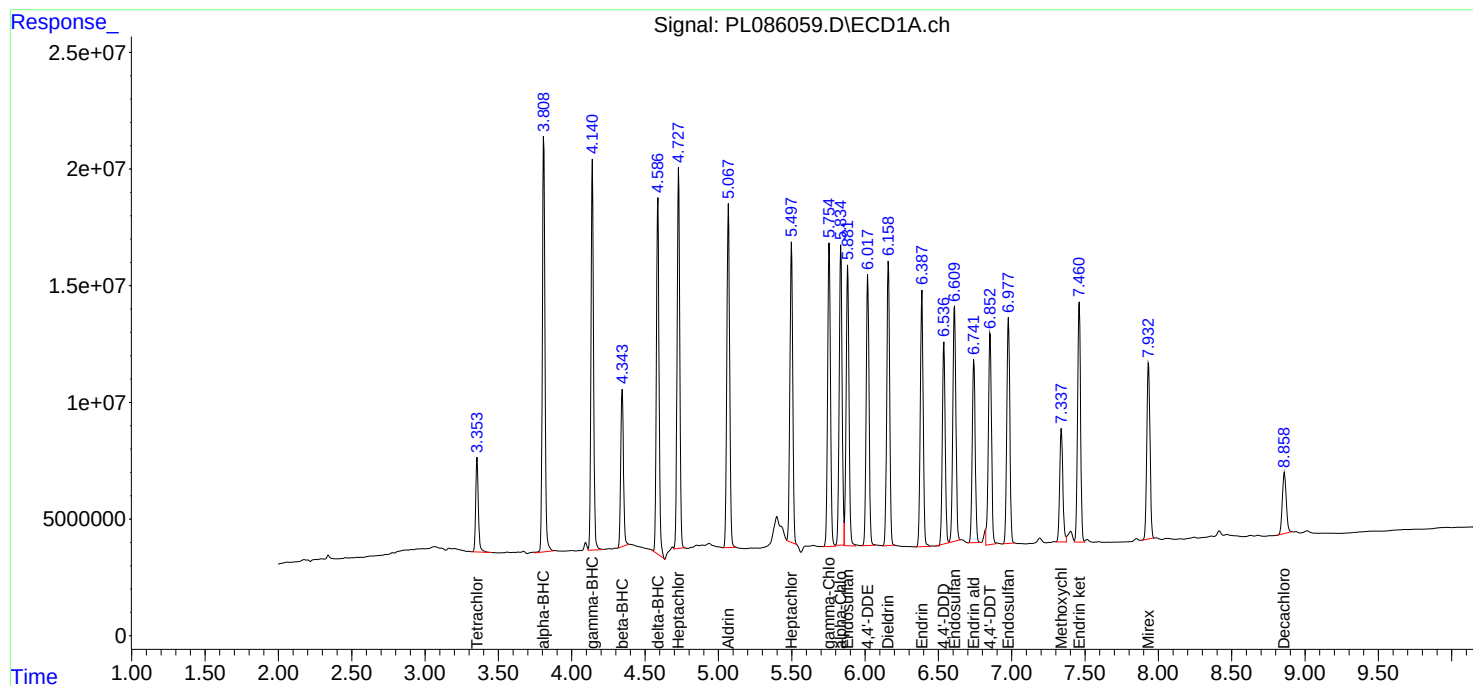
Instrument :
ECD_L
ClientSampleId :
PB156529BSD

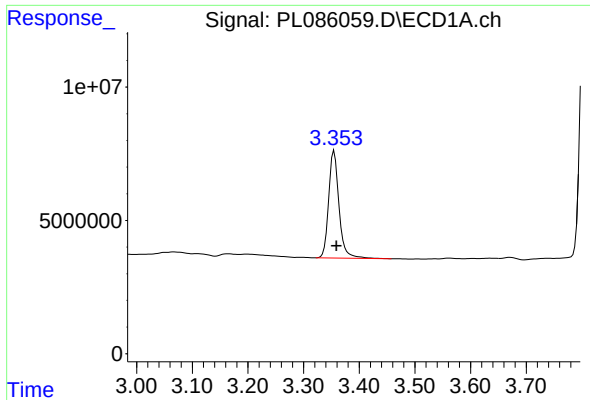
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 22:35:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





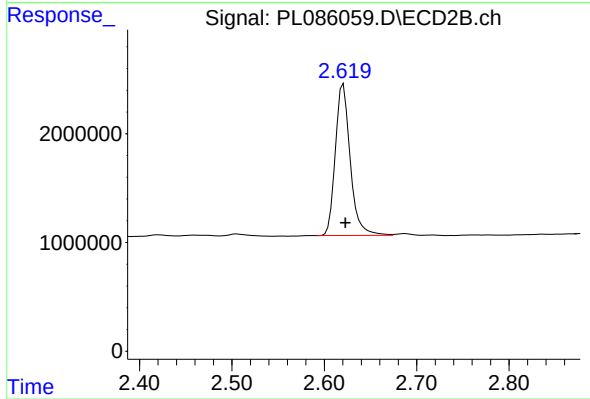
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 51925499
Conc: 17.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

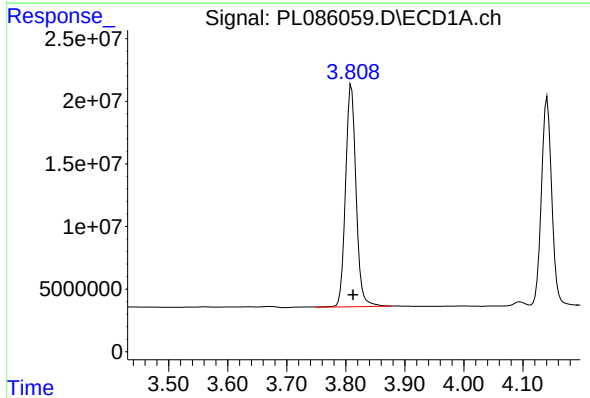
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



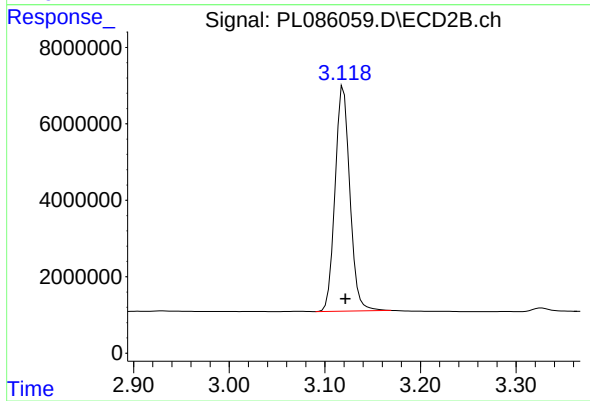
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 15629384
Conc: 16.73 ng/ml



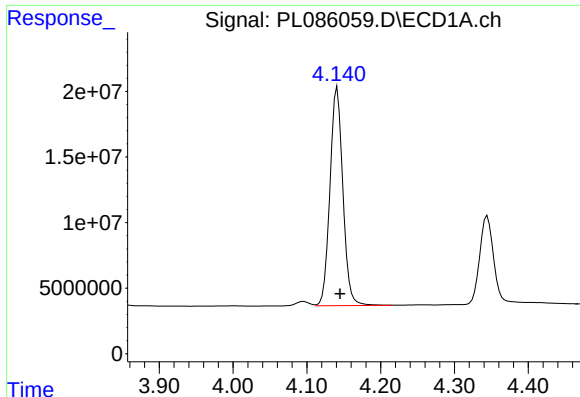
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 219694383
Conc: 51.19 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.002 min
Response: 63139582
Conc: 50.19 ng/ml



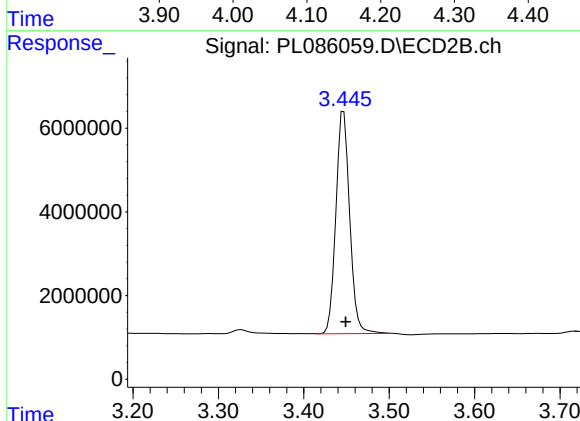
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 202452890
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

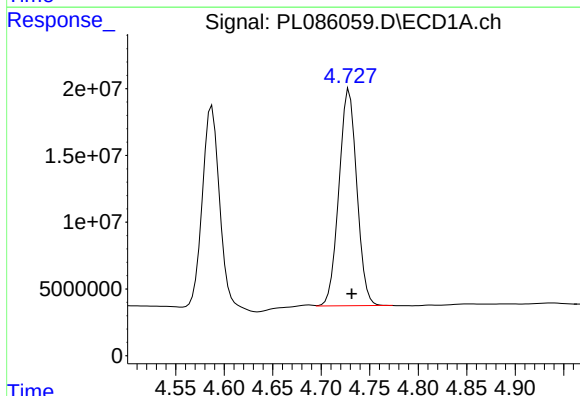
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



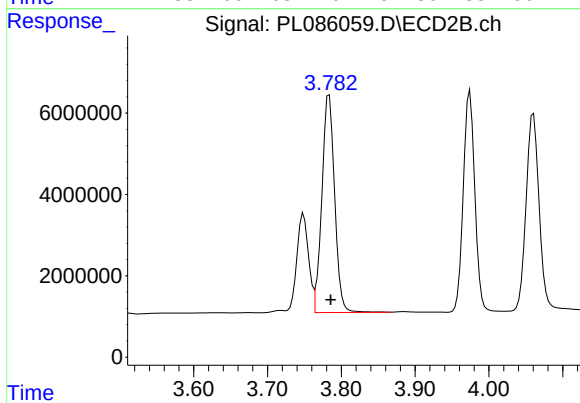
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 59795430
Conc: 48.48 ng/ml m



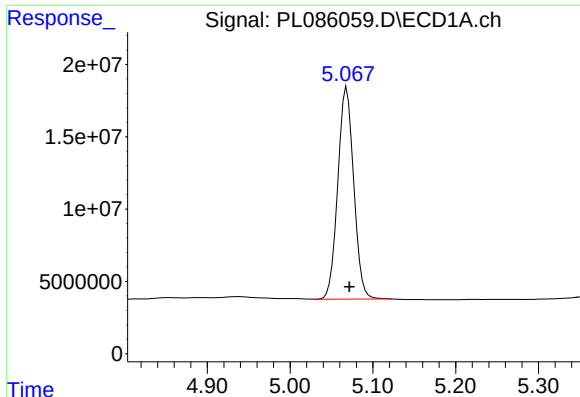
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 207909082
Conc: 53.76 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 64280656
Conc: 55.27 ng/ml



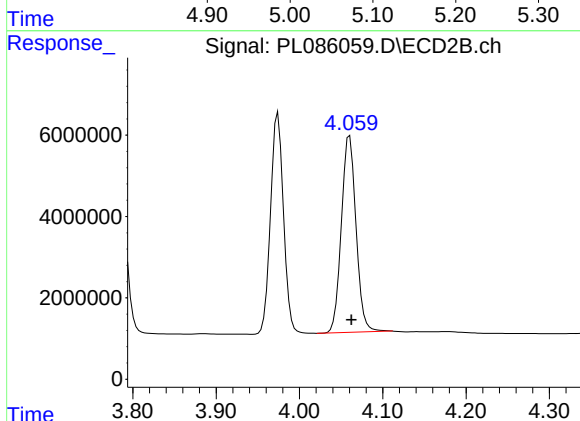
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.003 min
Response: 195868720
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

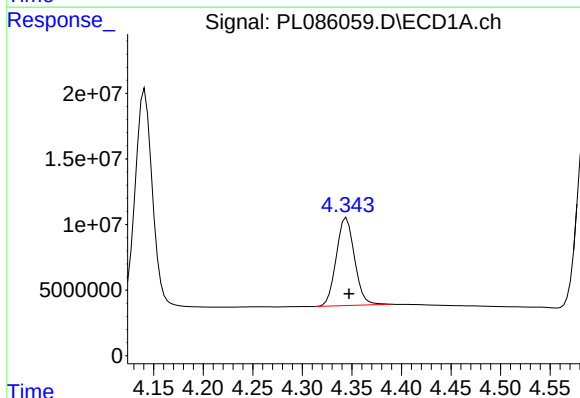
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



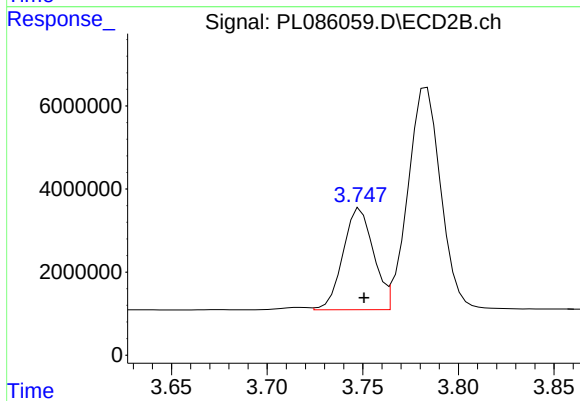
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 59074928
Conc: 52.83 ng/ml



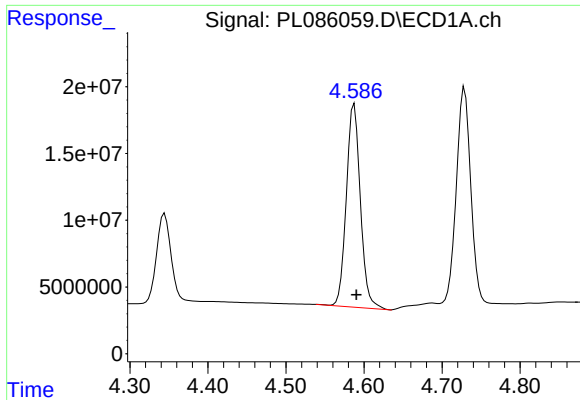
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.003 min
Response: 86300602
Conc: 52.19 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 27002779
Conc: 51.87 ng/ml



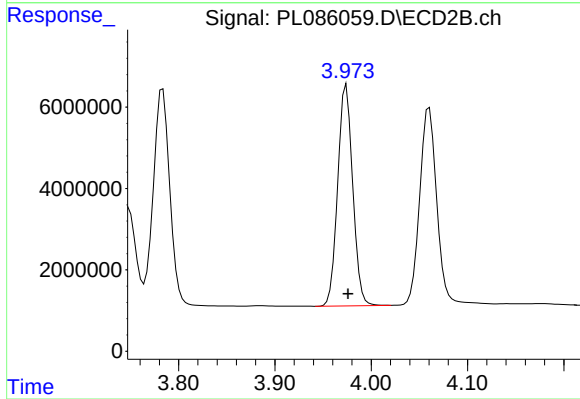
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 190349171
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

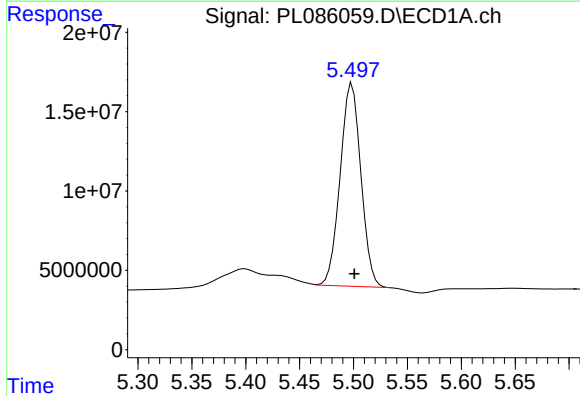
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



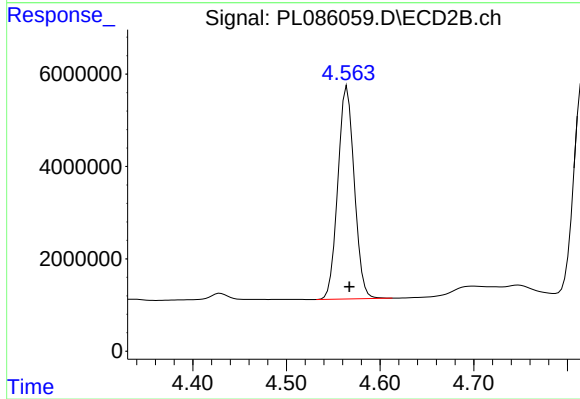
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 58823857
Conc: 51.20 ng/ml



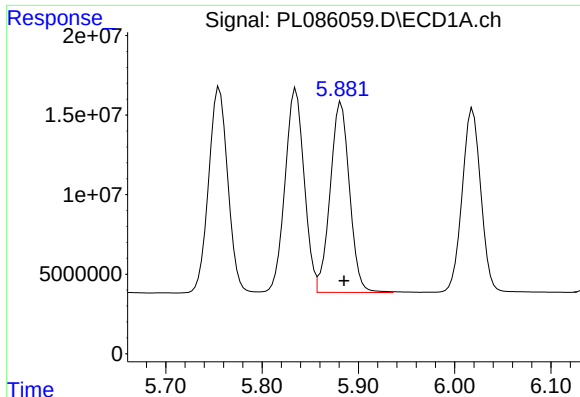
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 171541490
Conc: 49.72 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 56118351
Conc: 55.87 ng/ml



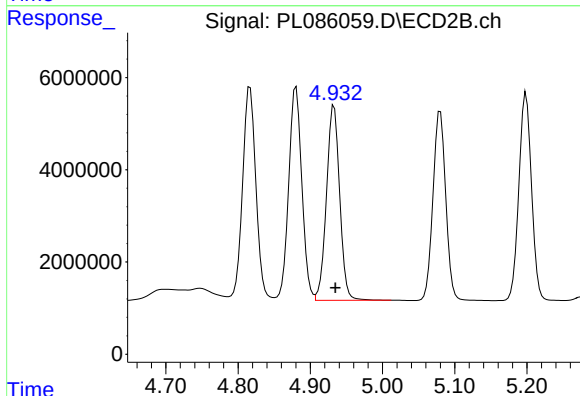
#9 Endosulfan I

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 166996313
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

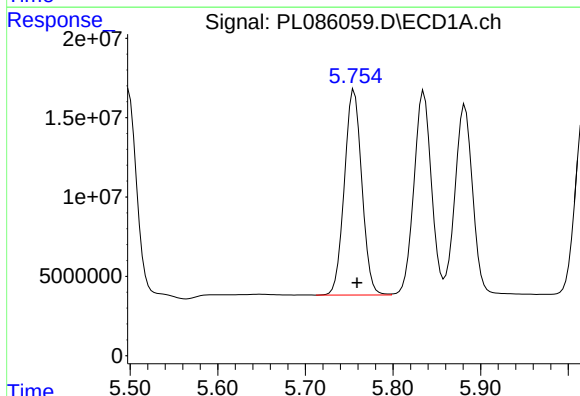
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



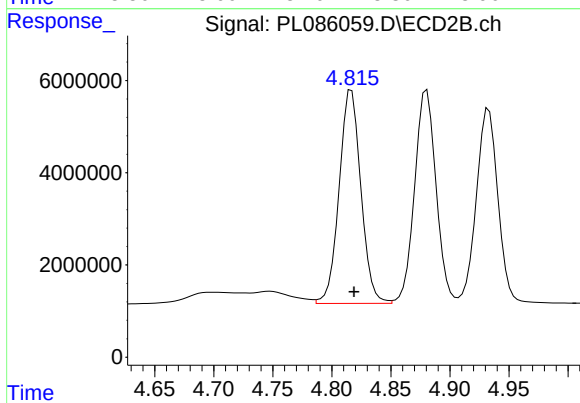
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 53915750
Conc: 50.26 ng/ml



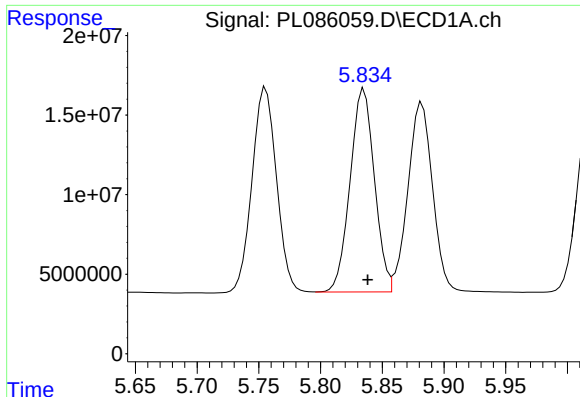
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 179351595
Conc: 52.42 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 59352644
Conc: 59.93 ng/ml



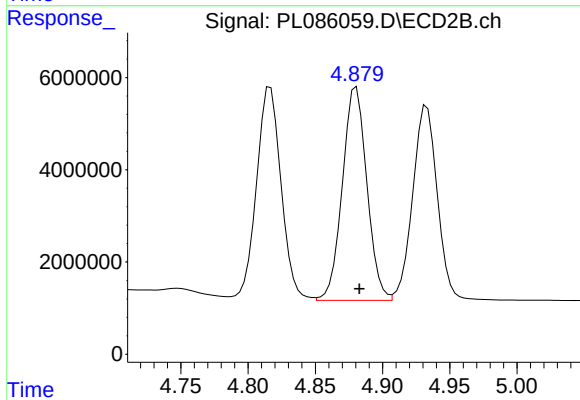
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.004 min
Response: 177423140
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

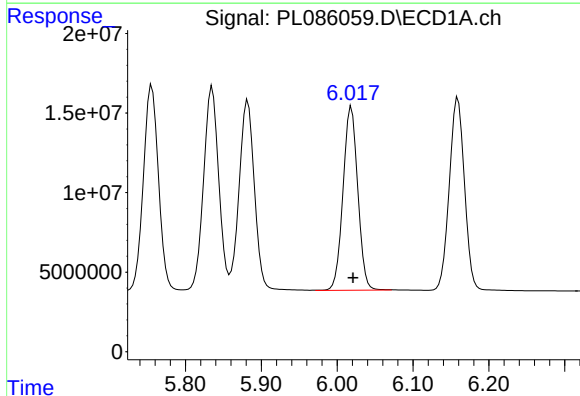
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



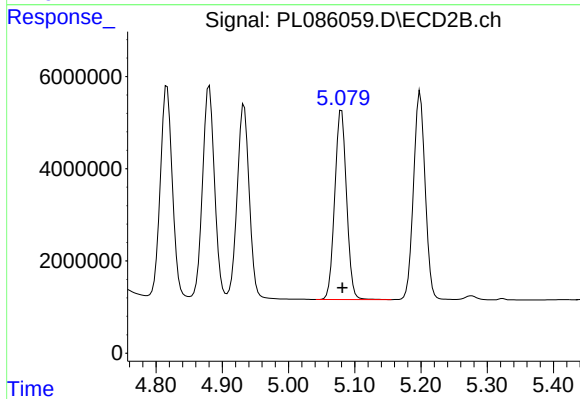
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.002 min
Response: 58585527
Conc: 53.71 ng/ml



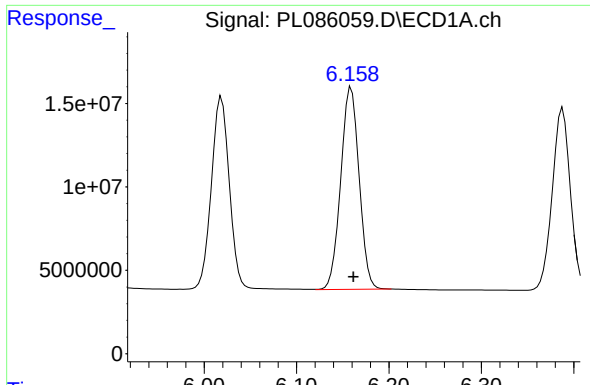
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 155736963
Conc: 55.69 ng/ml m



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 50801853
Conc: 61.87 ng/ml



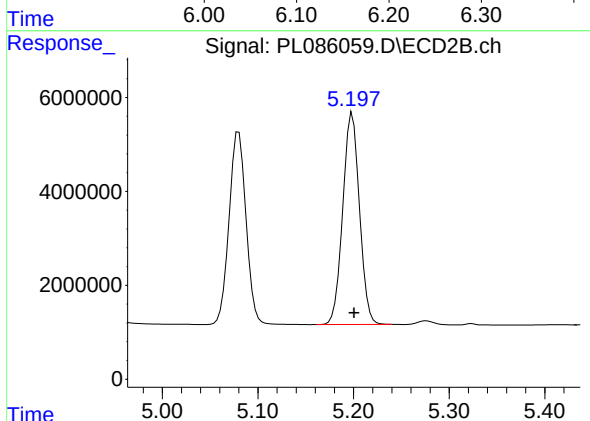
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.002 min
Response: 167528978
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

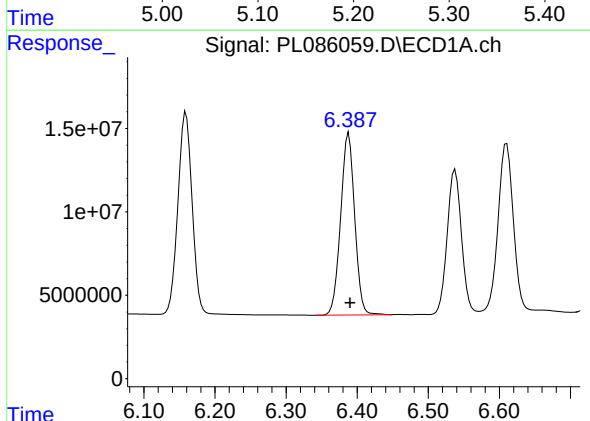
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



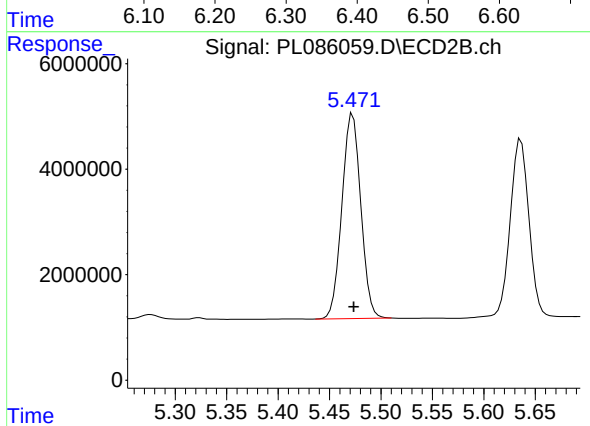
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 54917183
Conc: 56.60 ng/ml



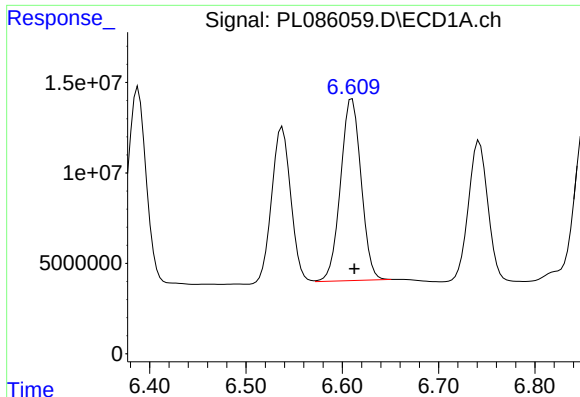
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 149796898
Conc: 52.56 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 49727833
Conc: 55.31 ng/ml



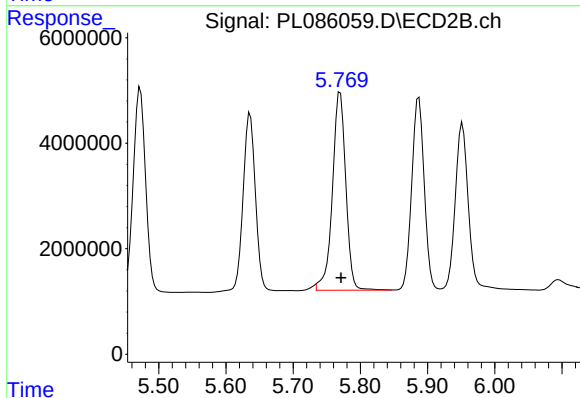
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 148703404
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

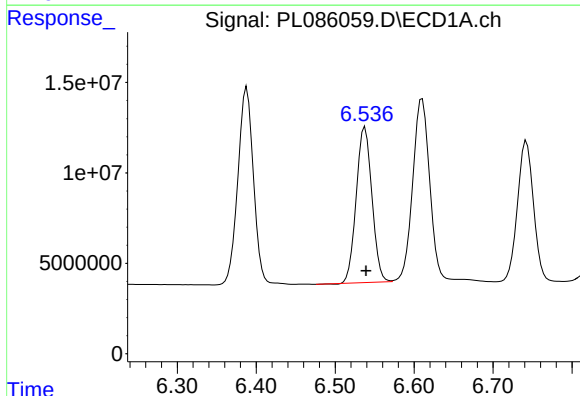
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



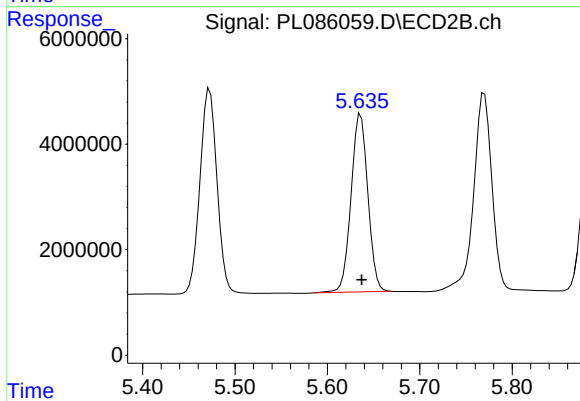
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 51405231
Conc: 54.06 ng/ml m



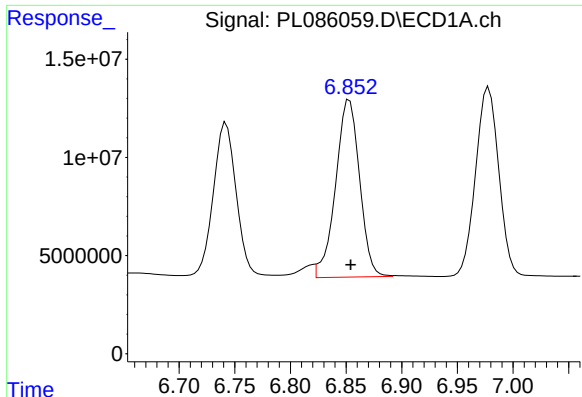
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 118629095
Conc: 58.88 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 42645069
Conc: 61.27 ng/ml



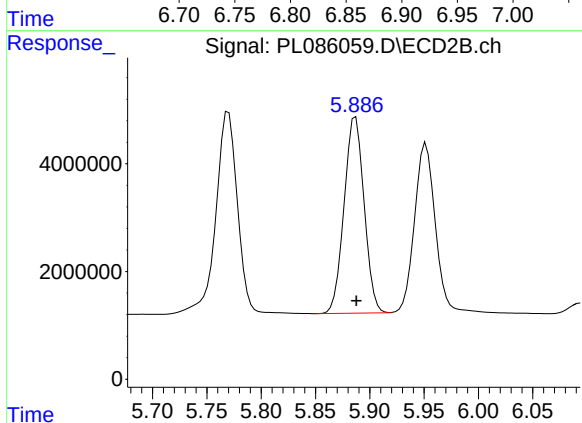
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 135053059
Conc: 57.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

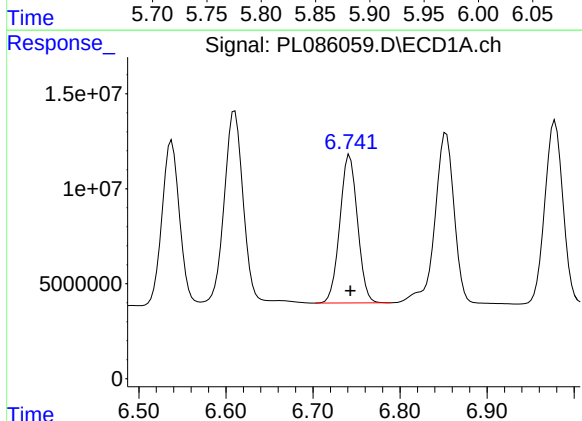
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



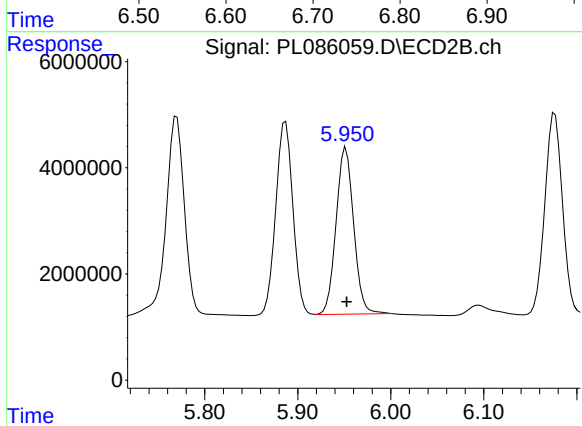
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 46721902
Conc: 59.09 ng/ml



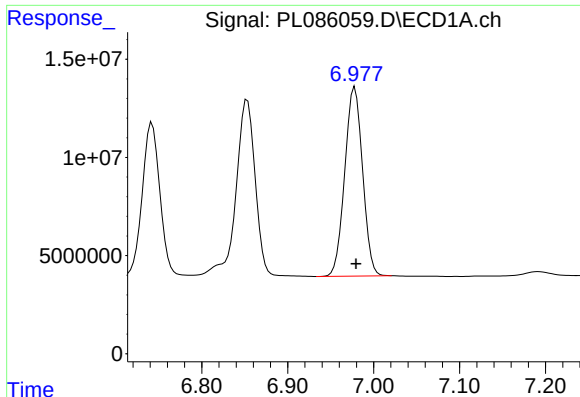
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 109678324
Conc: 54.11 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 41185984
Conc: 55.23 ng/ml



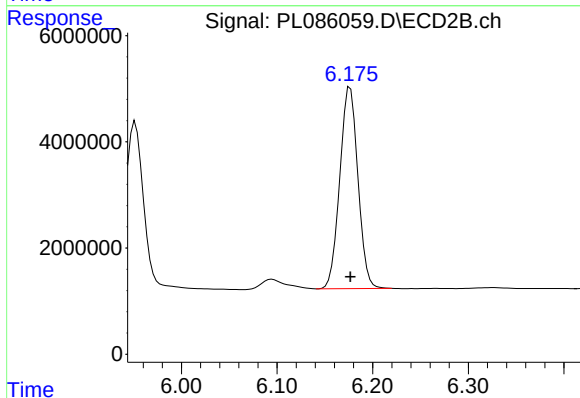
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 139006734
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

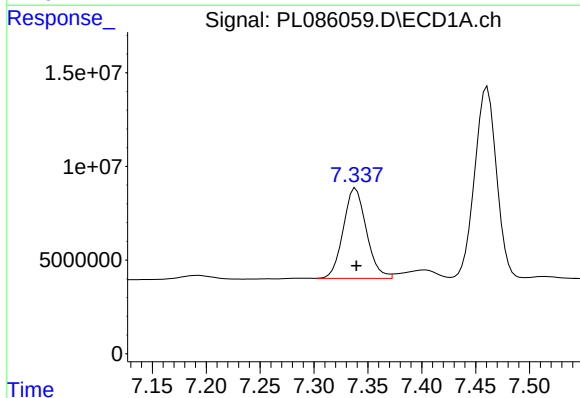
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



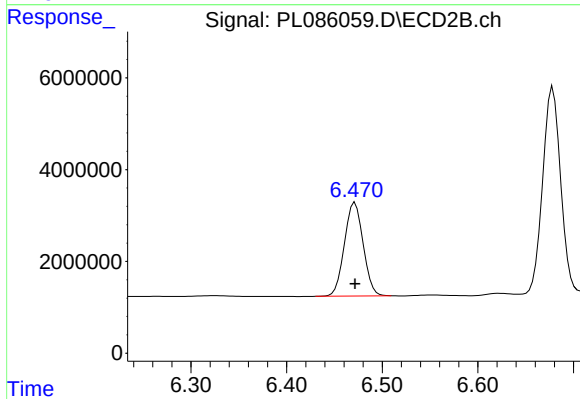
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 50159446
Conc: 55.60 ng/ml



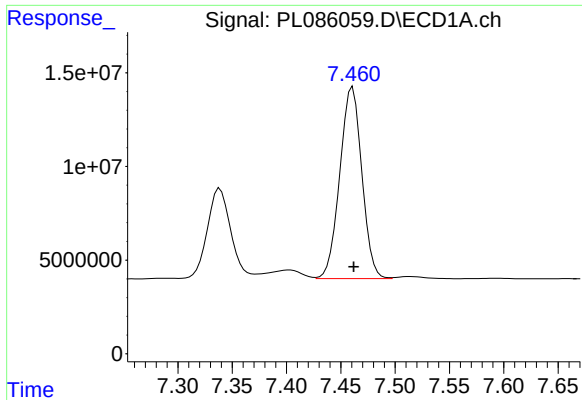
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 71987230
Conc: 51.54 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 27943161
Conc: 53.12 ng/ml



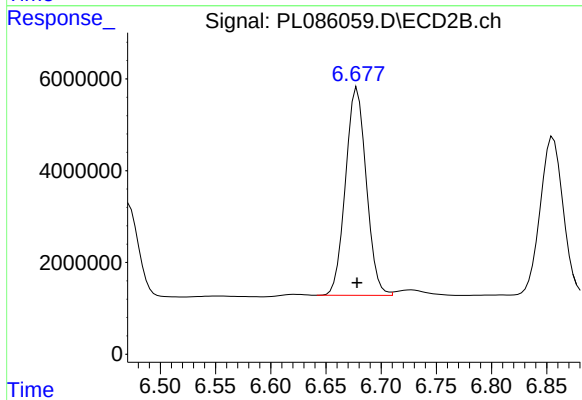
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 144593199
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

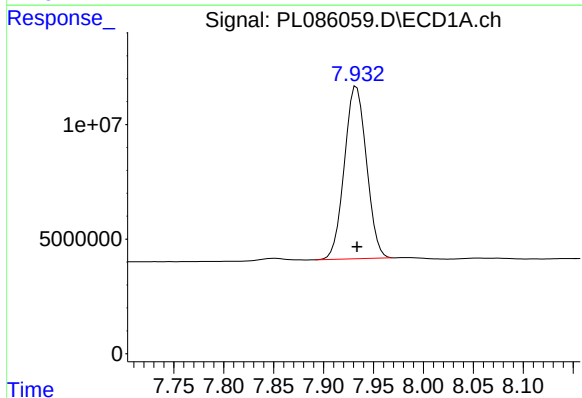
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



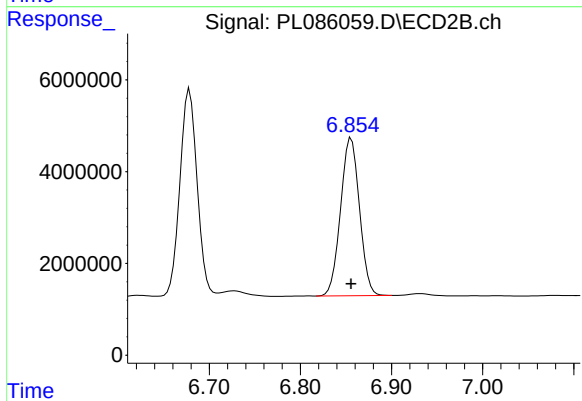
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 59268452
Conc: 51.56 ng/ml



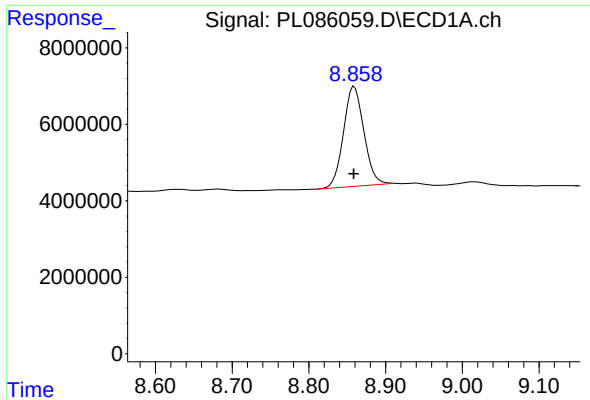
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 115826036
Conc: 52.32 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 49541873
Conc: 52.53 ng/ml



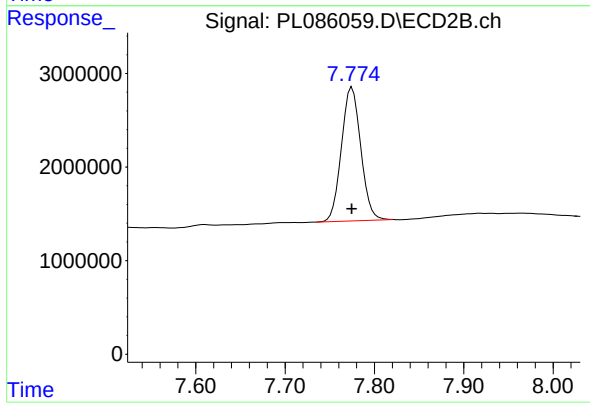
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 48536032
Conc: 22.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 21501451
Conc: 23.30 ng/ml