

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 14:50
 Operator : AR\AJ
 Sample : PB156529BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156529BS

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 22:35:30 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	2.620	50915340	15542340	17.119	16.639
28)	SA Decachlor...	8.861	7.775	48890283	21280478	22.447	23.056
Target Compounds							
2)	A alpha-BHC	3.809	3.119	218.8E6	62739182	50.990	49.867
3)	MA gamma-BHC...	4.141	3.447	201.3E6	60336785	48.696	48.921
4)	MA Heptachlor	4.727	3.783	205.8E6	63682209	53.222m	54.754
5)	MB Aldrin	5.068	4.060	194.2E6	58675390	50.095	52.470
6)	B beta-BHC	4.344	3.748	84740816	26762972	51.246	51.409
7)	B delta-BHC	4.587	3.974	190.8E6	58190477	49.756	50.646
8)	B Heptachlo...	5.497	4.565	170.1E6	55704203	49.321m	55.460
9)	A Endosulfan I	5.881	4.933	163.8E6	54110790	50.662m	50.442
10)	B gamma-Chl...	5.755	4.817	178.6E6	58985864	52.210m	59.559
11)	B alpha-Chl...	5.834	4.880	175.8E6	58323689	51.432m	53.472
12)	B 4,4'-DDE	6.018	5.080	153.0E6	50262123	54.712m	61.210
13)	MA Dieldrin	6.160	5.198	166.9E6	54344700	50.779	56.013
14)	MA Endrin	6.389	5.472	149.6E6	49344999	52.484	54.888
15)	B Endosulfa...	6.611	5.769	148.4E6	49541742	53.839	52.097m
16)	A 4,4'-DDD	6.539	5.636	119.9E6	42330935	59.492	60.816
17)	MA 4,4'-DDT	6.852	5.887	134.2E6	46361900	56.941m	58.630
18)	B Endrin al...	6.743	5.952	109.4E6	40674901	53.960	54.545
19)	B Endosulfa...	6.979	6.177	136.7E6	49858608	54.464	55.268
20)	A Methoxychlor	7.340	6.472	71401036	27735096	51.124	52.721
21)	B Endrin ke...	7.461	6.679	143.0E6	58198577	49.646	50.633
22)	Mirex	7.934	6.855	115.2E6	49220532	52.023	52.186

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
Data File : PL086058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2023 14:50
Operator : AR\AJ
Sample : PB156529BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB156529BS

Manual Integrations

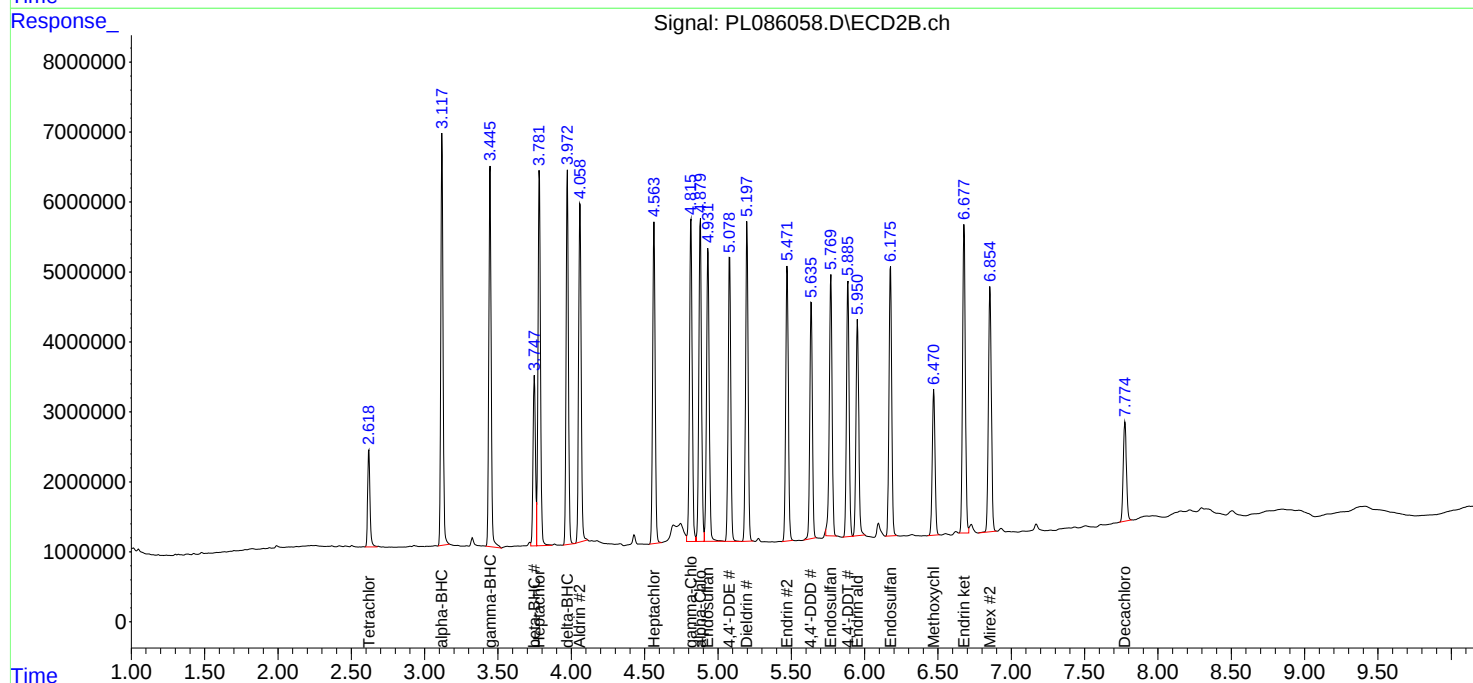
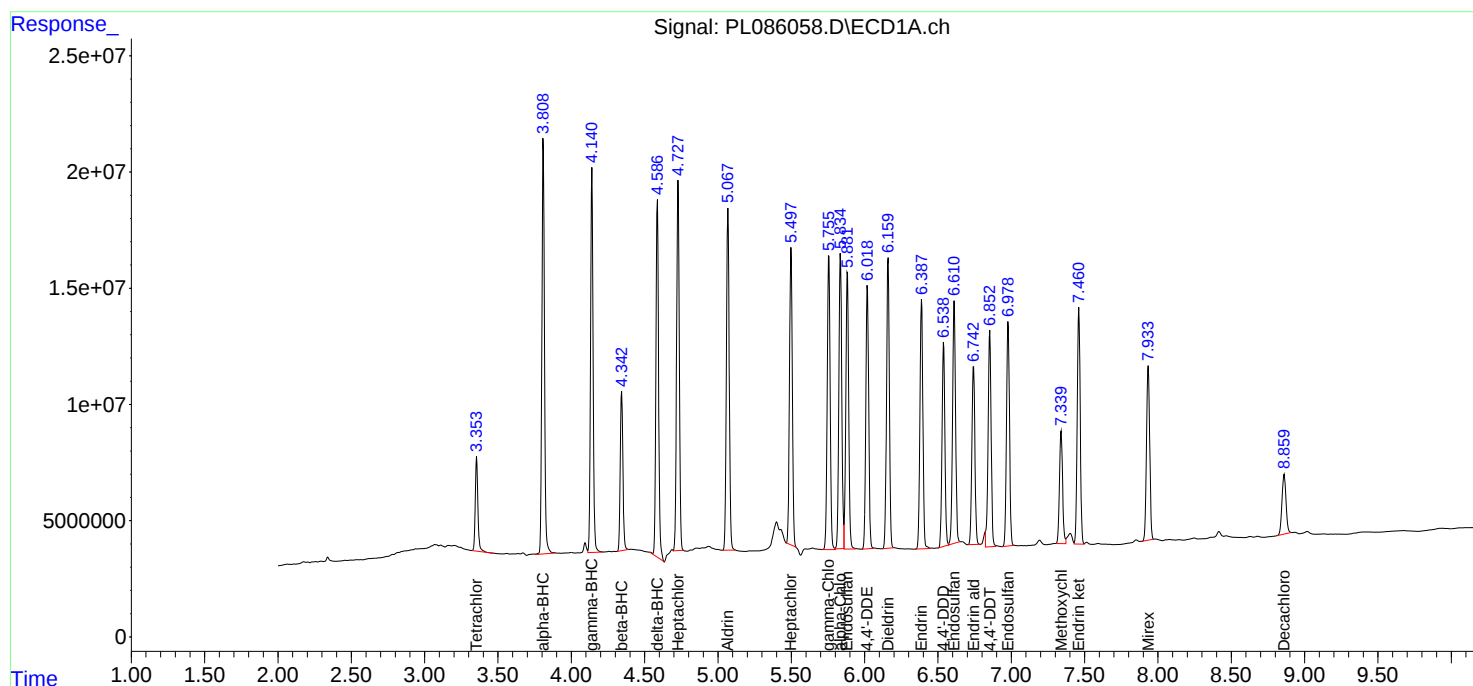
APPROVED

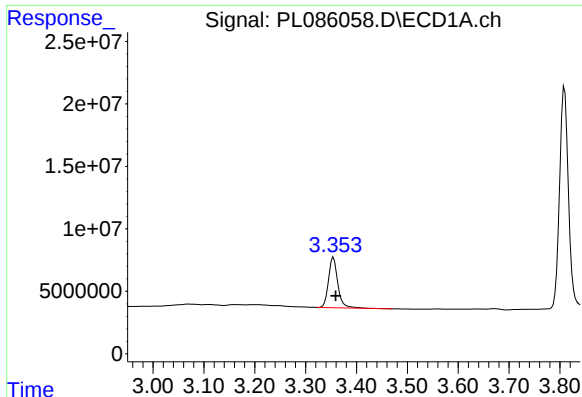
Reviewed By :Abdul Mirza 10/23/2023

Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 22:35:30 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





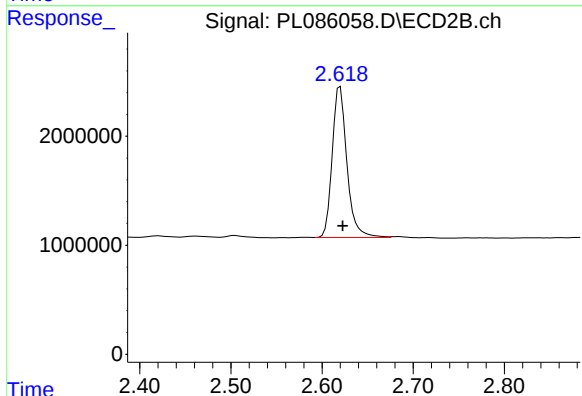
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 50915340
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

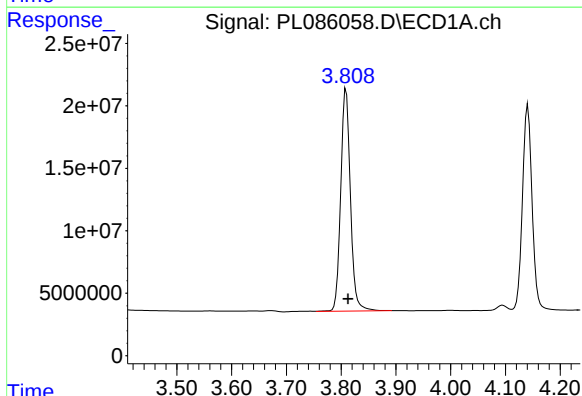
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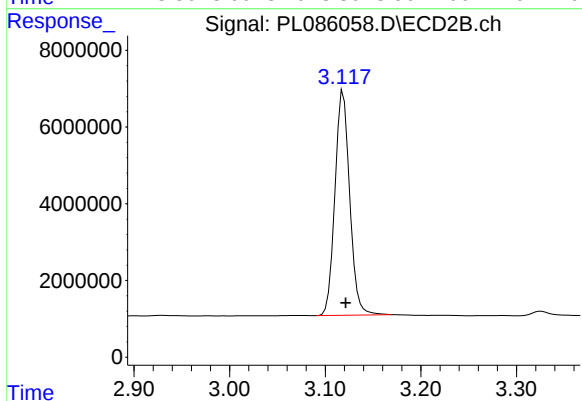
#1 Tetrachloro-m-xylene

R.T.: 2.620 min
Delta R.T.: -0.003 min
Response: 15542340
Conc: 16.64 ng/ml



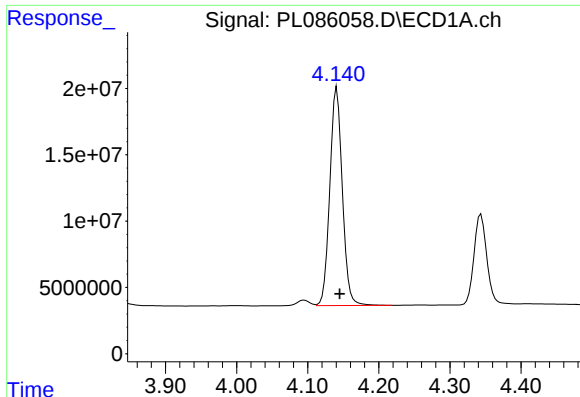
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 218845823
Conc: 50.99 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 62739182
Conc: 49.87 ng/ml



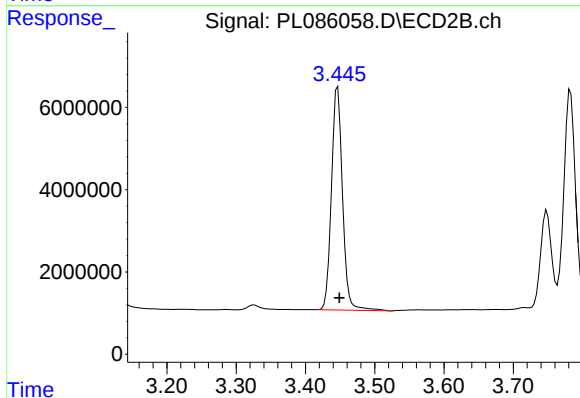
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 201274255
Conc: 48.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

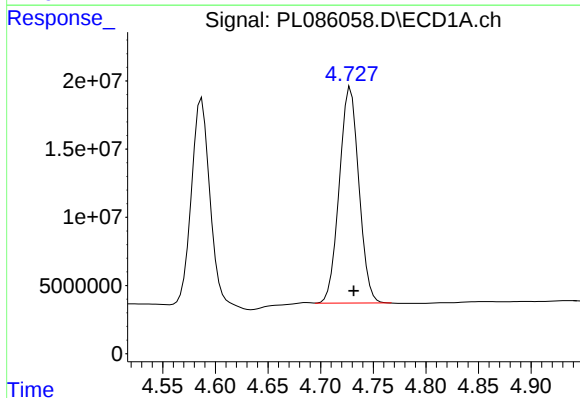
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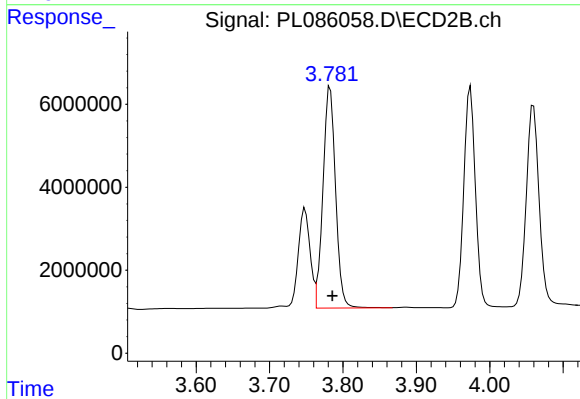
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.003 min
Response: 60336785
Conc: 48.92 ng/ml



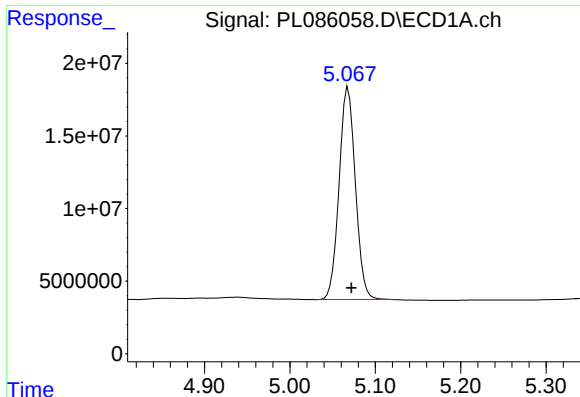
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.004 min
Response: 205842822
Conc: 53.22 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 63682209
Conc: 54.75 ng/ml



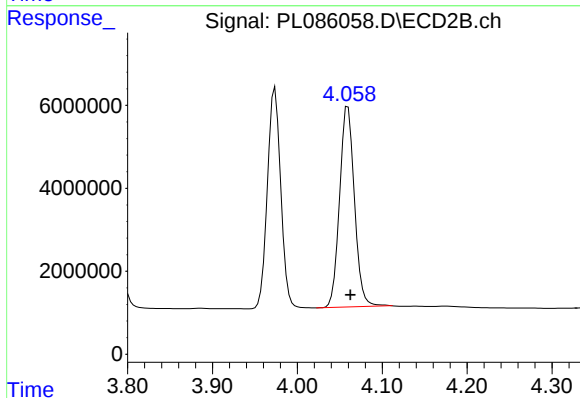
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 194183605
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

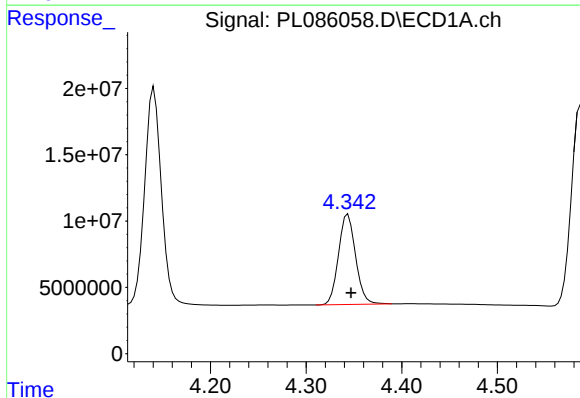
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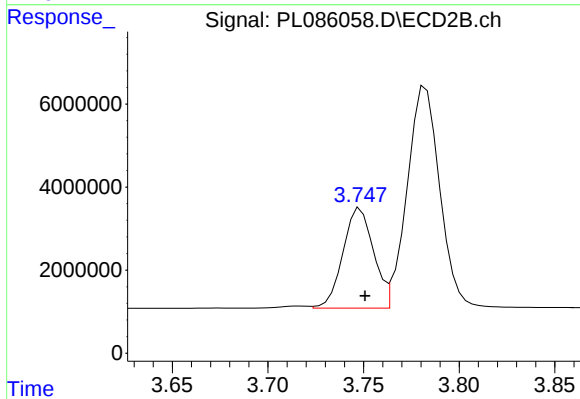
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 58675390
Conc: 52.47 ng/ml



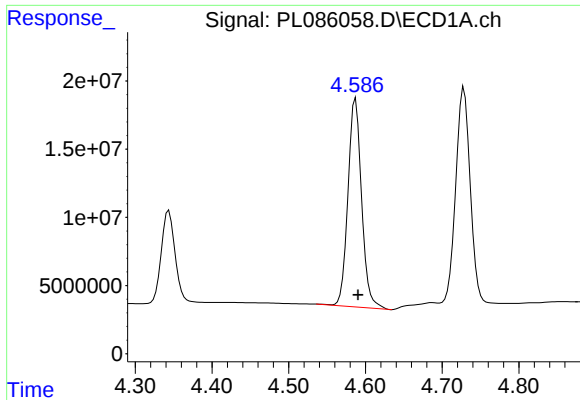
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 84740816
Conc: 51.25 ng/ml



#6 beta-BHC

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 26762972
Conc: 51.41 ng/ml



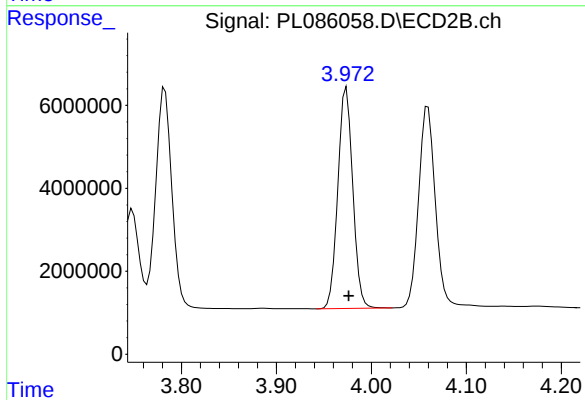
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 190784677
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

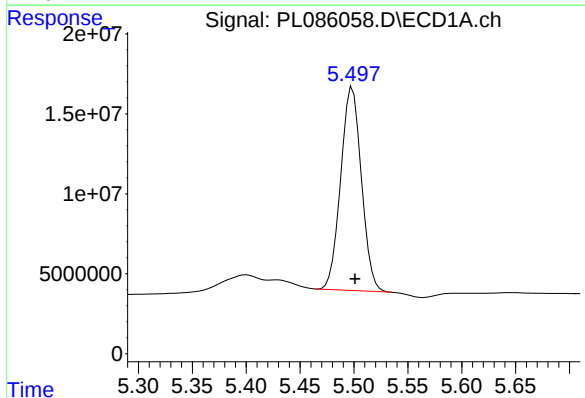
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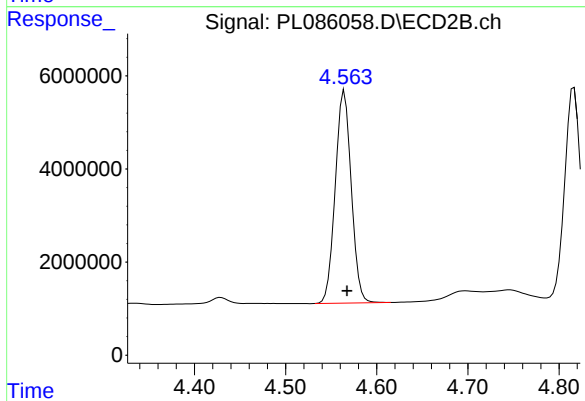
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 58190477
Conc: 50.65 ng/ml



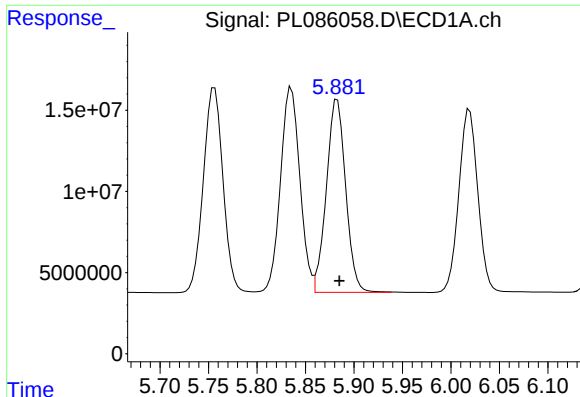
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 170149798
Conc: 49.32 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.003 min
Response: 55704203
Conc: 55.46 ng/ml



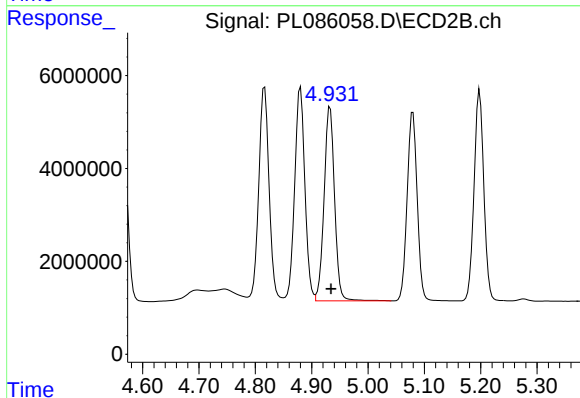
#9 Endosulfan I

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 163842701
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

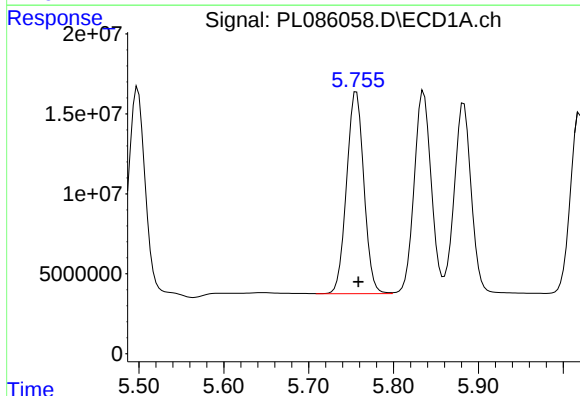
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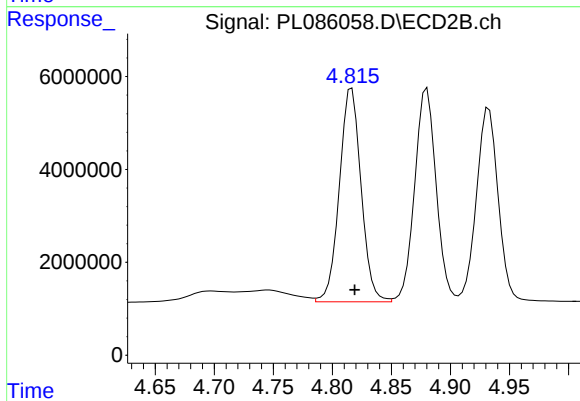
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 54110790
Conc: 50.44 ng/ml



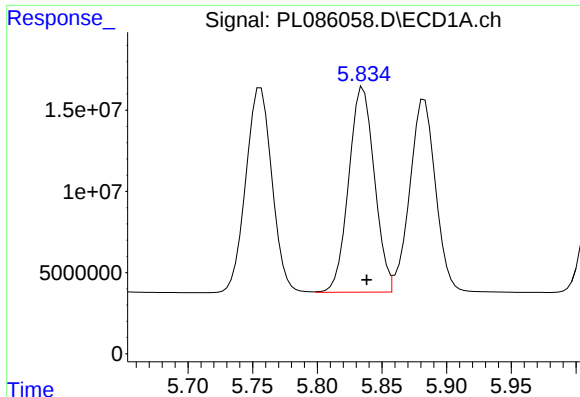
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 178632415
Conc: 52.21 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 58985864
Conc: 59.56 ng/ml



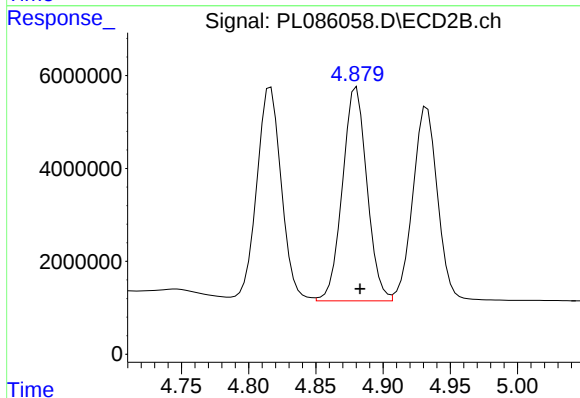
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.004 min
Response: 175777549
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

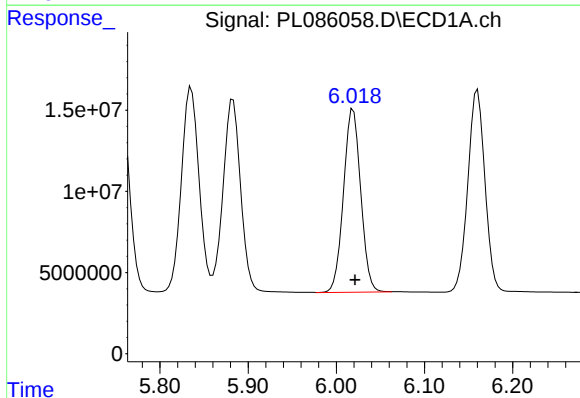
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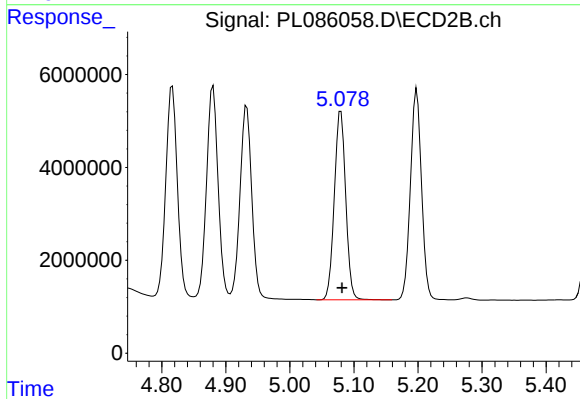
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 58323689
Conc: 53.47 ng/ml



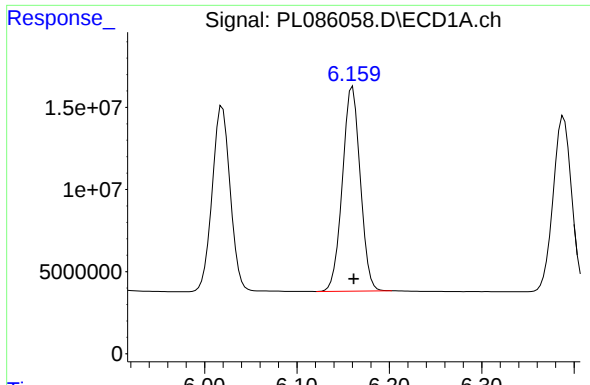
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 153005577
Conc: 54.71 ng/ml m



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 50262123
Conc: 61.21 ng/ml



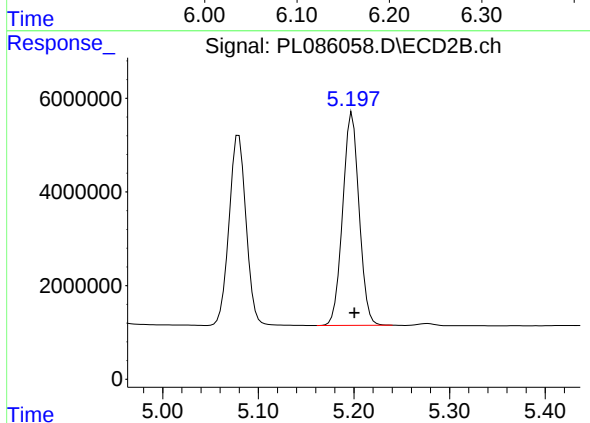
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 166860130
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

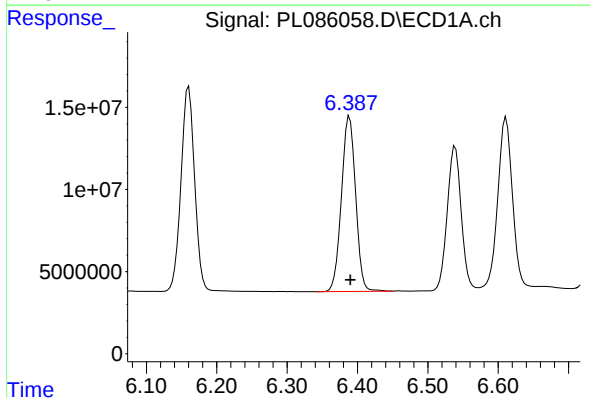
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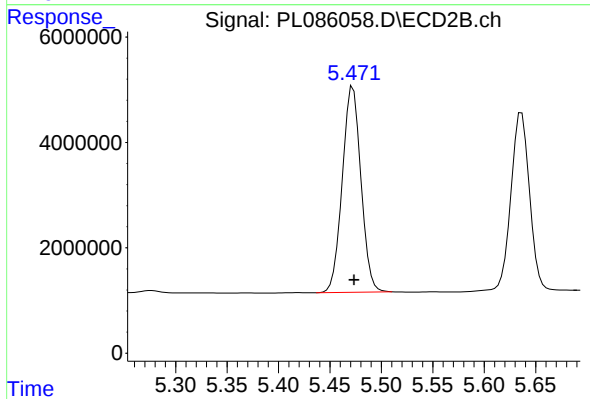
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 54344700
Conc: 56.01 ng/ml



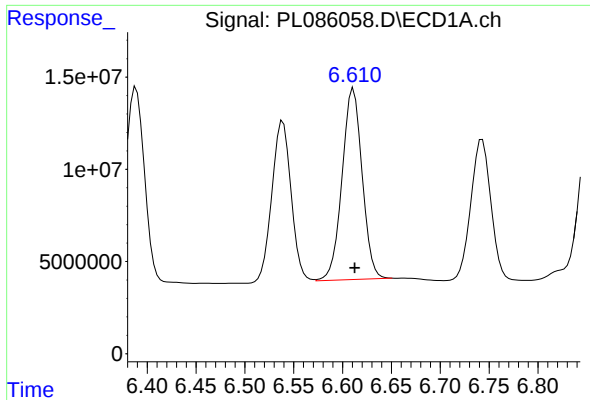
#14 Endrin

R.T.: 6.389 min
Delta R.T.: -0.001 min
Response: 149565951
Conc: 52.48 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 49344999
Conc: 54.89 ng/ml



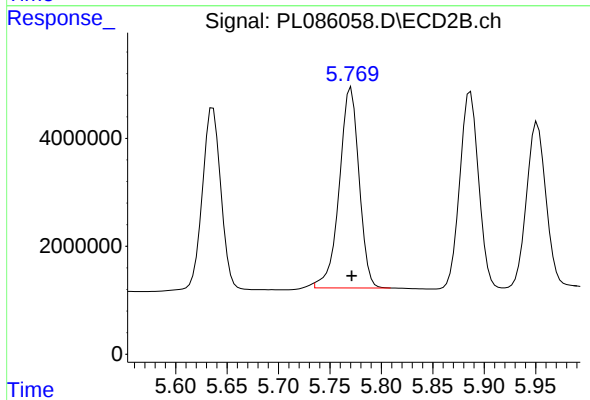
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 148354207
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

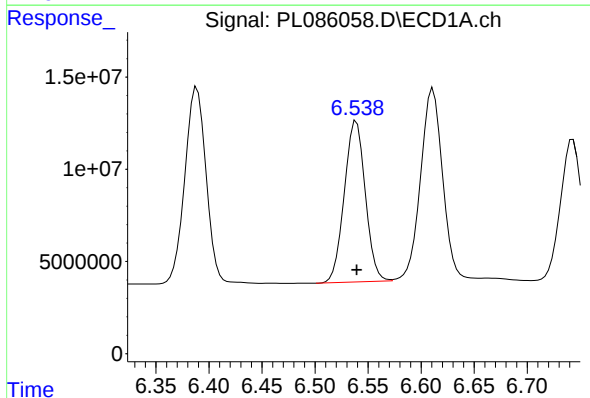
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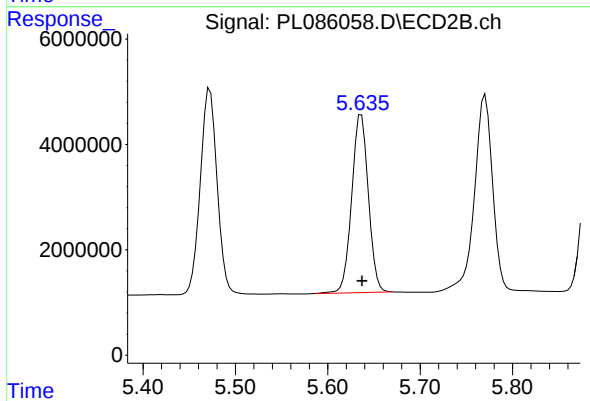
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 49541742
Conc: 52.10 ng/ml m



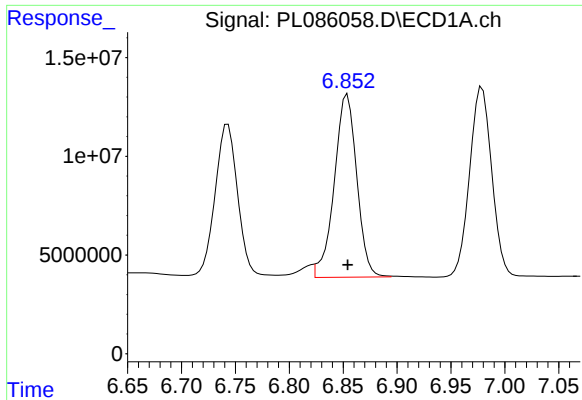
#16 4,4'-DDD

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 119856244
Conc: 59.49 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 42330935
Conc: 60.82 ng/ml



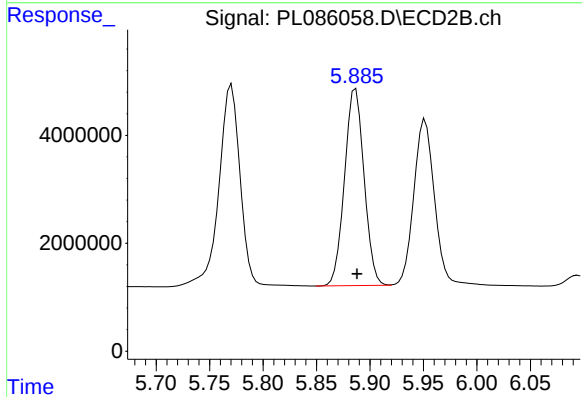
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 134216397
Conc: 56.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

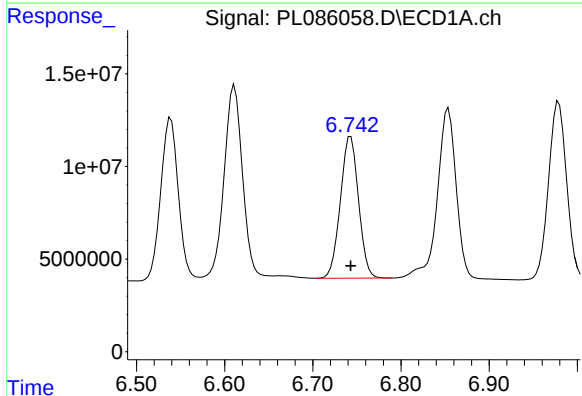
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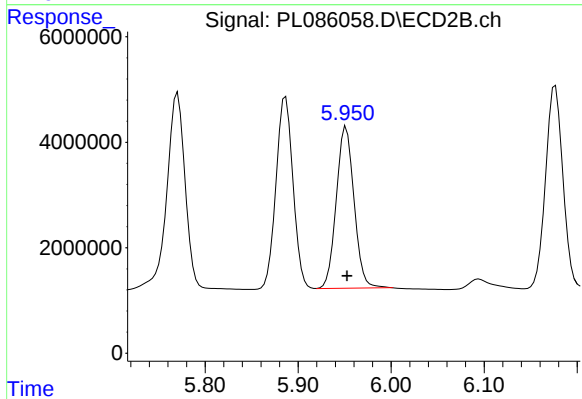
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 46361900
Conc: 58.63 ng/ml



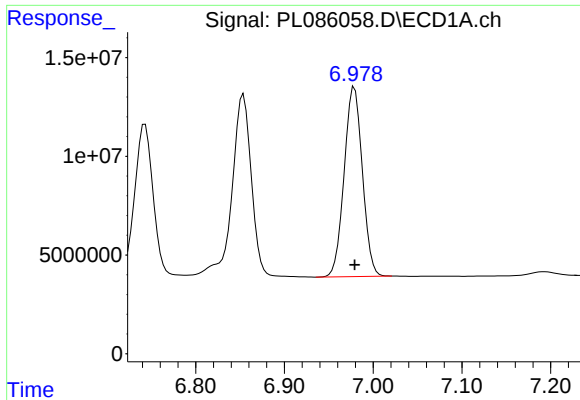
#18 Endrin aldehyde

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 109364839
Conc: 53.96 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 40674901
Conc: 54.55 ng/ml



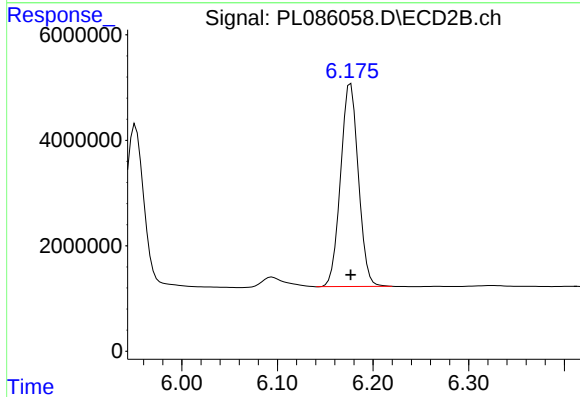
#19 Endosulfan Sulfate

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 136688405
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

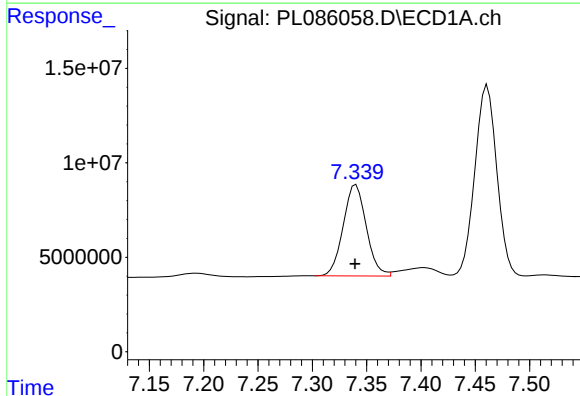
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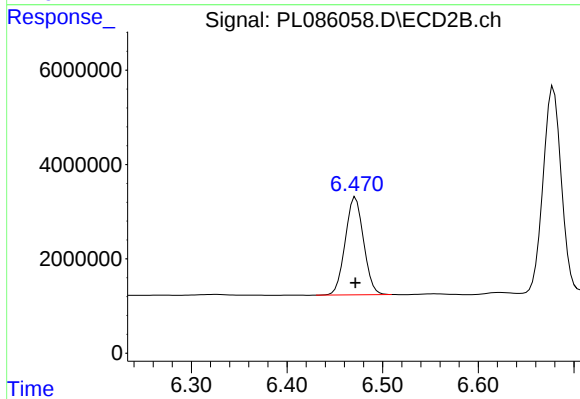
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 49858608
Conc: 55.27 ng/ml



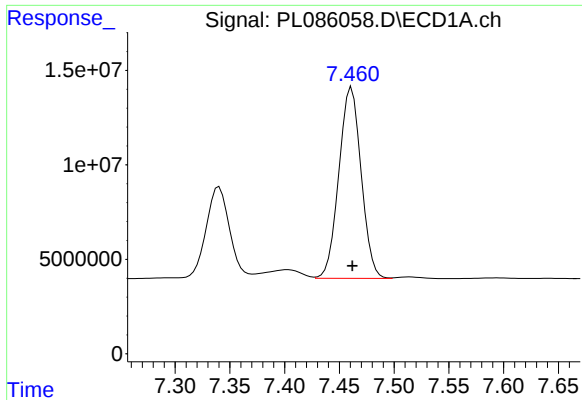
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.001 min
Response: 71401036
Conc: 51.12 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 27735096
Conc: 52.72 ng/ml



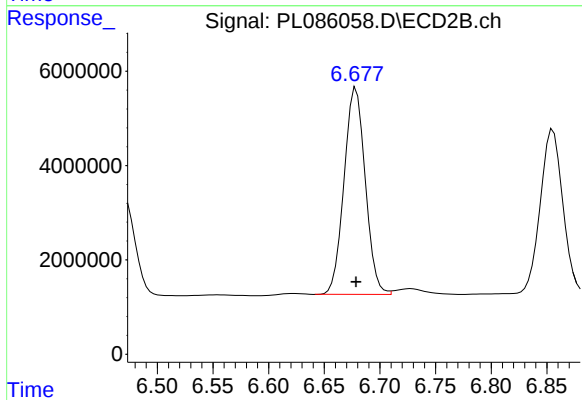
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 142995310
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

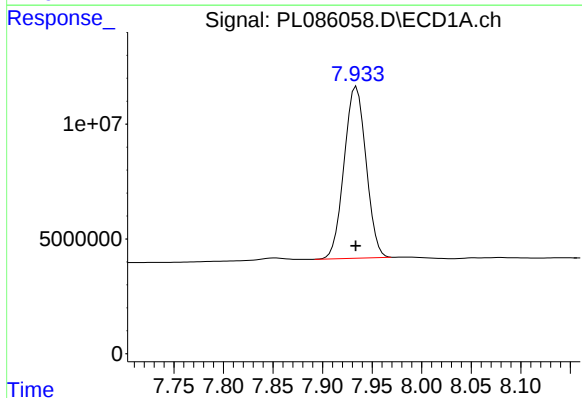
Manual Integrations
APPROVED

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



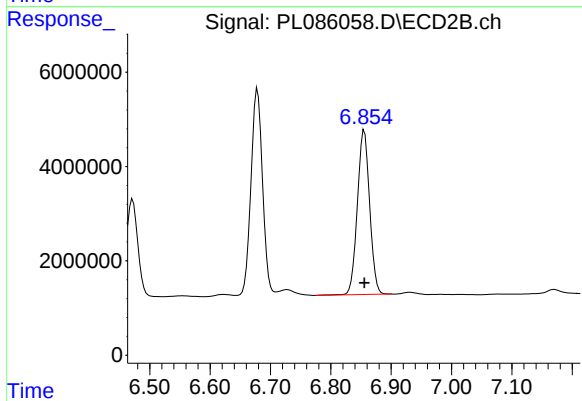
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 58198577
Conc: 50.63 ng/ml



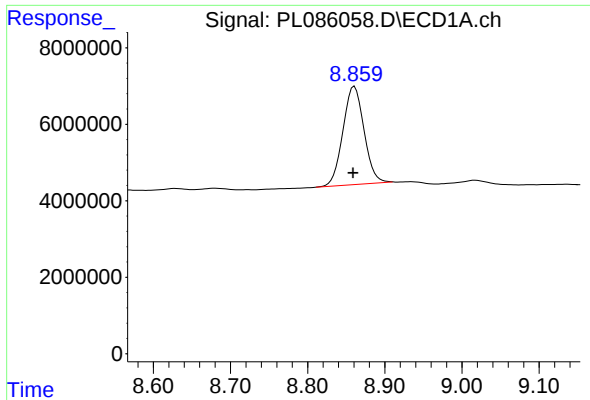
#22 Mirex

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 115178403
Conc: 52.02 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 49220532
Conc: 52.19 ng/ml



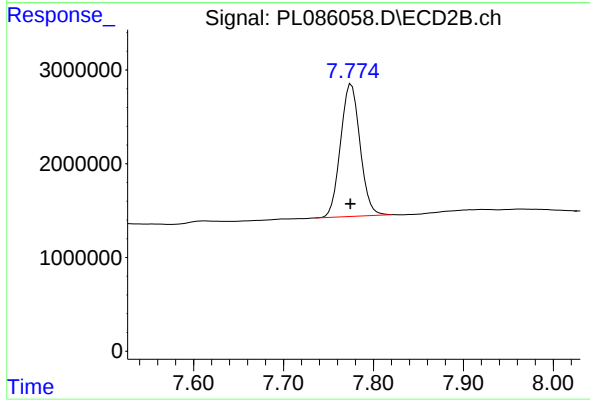
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 48890283
Conc: 22.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156529BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 21280478
Conc: 23.06 ng/ml