

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032823\
 Data File : PL081771.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2023 21:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/29/2023
 Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 03:32:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.656	119.1E6	104.9E6	51.220	52.562
28)	SA Decachlor...	8.750	7.774	84817518	106.0E6	47.394	53.423
Target Compounds							
2)	A alpha-BHC	3.778	3.155	181.8E6	155.9E6	53.021	53.487
3)	MA gamma-BHC...	4.106	3.483	165.6E6	146.4E6	52.124	52.594
4)	MA Heptachlor	4.684	3.816	149.1E6	144.1E6	47.293m	50.256
5)	MB Aldrin	5.022	4.094	146.8E6	142.9E6	51.308	53.650
6)	B beta-BHC	4.308	3.782	74450376	62866610	49.466	52.785
7)	B delta-BHC	4.550	4.009	159.1E6	142.5E6	52.361	55.097
8)	B Heptachlo...	5.449	4.596	133.8E6	133.1E6	49.200	54.801
9)	A Endosulfan I	5.829	4.963	121.1E6	123.2E6	49.011	55.795
10)	B gamma-Chl...	5.703	4.844	133.3E6	135.6E6	50.777	55.805
11)	B alpha-Chl...	5.781	4.907	130.2E6	134.0E6	50.282	55.151
12)	B 4,4'-DDE	5.959	5.097	114.4E6	112.5E6	50.743	57.130m
13)	MA Dieldrin	6.104	5.228	122.2E6	125.6E6	50.478	55.828
14)	MA Endrin	6.330	5.502	105.3E6	112.9E6	49.765	55.768
15)	B Endosulfa...	6.552	5.798	97799353	98385165	46.086	54.235
16)	A 4,4'-DDD	6.473	5.653	93393861	90025506	51.785m	59.324
17)	MA 4,4'-DDT	6.786	5.901	87242835	86788633	42.984	50.363
18)	B Endrin al...	6.682	5.978	79089714	81925092	48.340	52.753
19)	B Endosulfa...	6.917	6.201	102.5E6	106.3E6	49.162	54.614
20)	A Methoxychlor	7.266	6.481	46133946	49226309	42.840	49.422
21)	B Endrin ke...	7.397	6.706	100.8E6	114.4E6	48.120	53.512
22)	Mirex	7.861	6.879	80084385	102.0E6	46.743	53.136

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032823\
Data File : PL081771.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2023 21:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

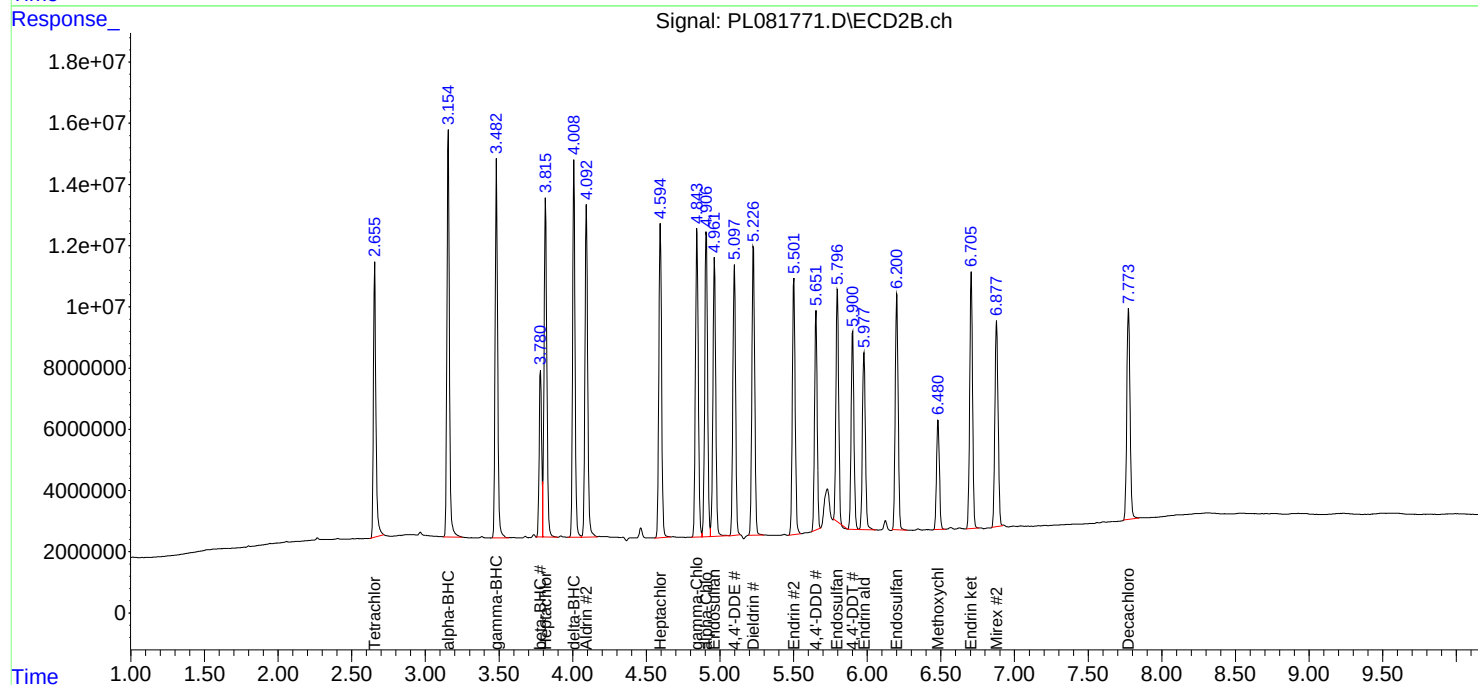
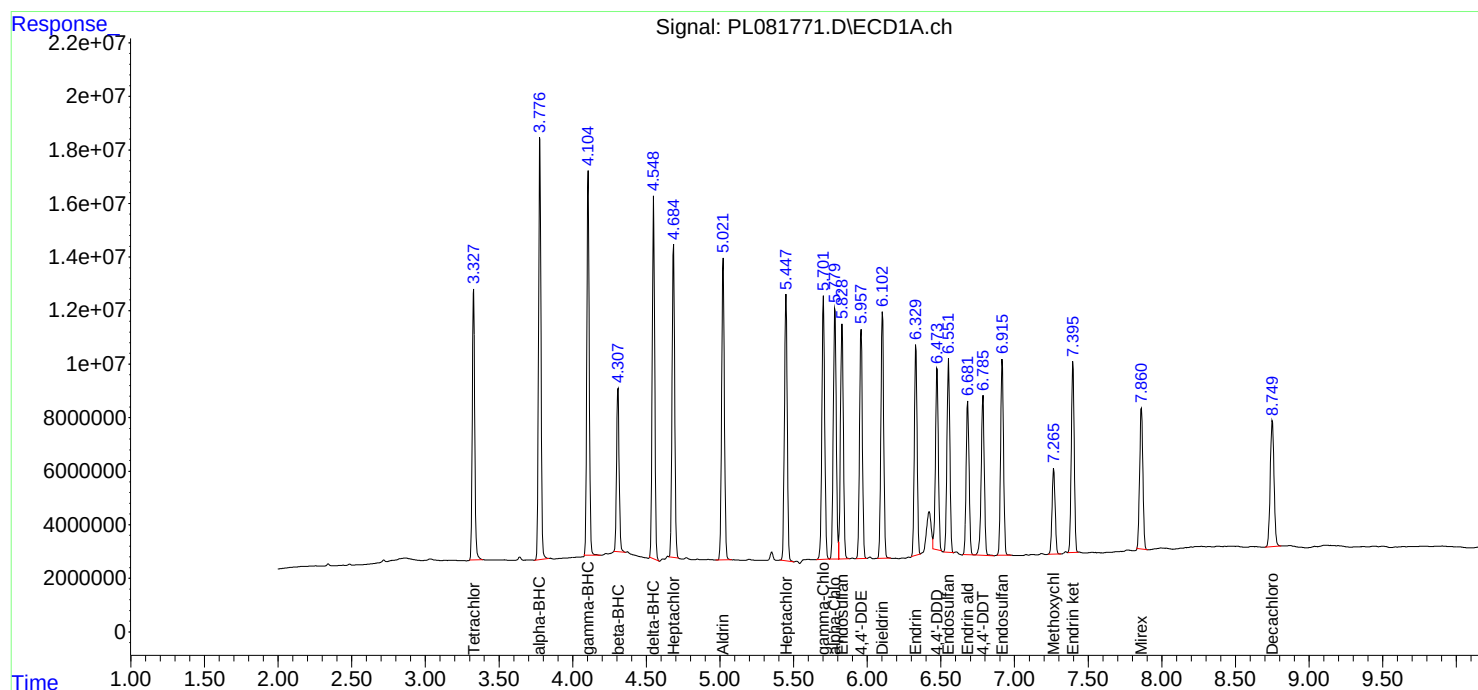
APPROVED

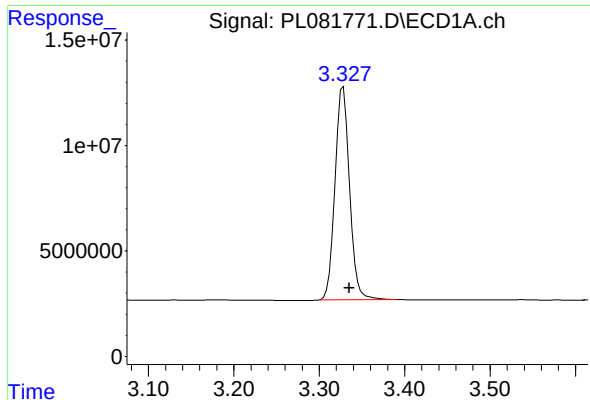
Reviewed By :Abdul Mirza 03/29/2023

Supervised By :Ankita Jodhani 03/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 03:32:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





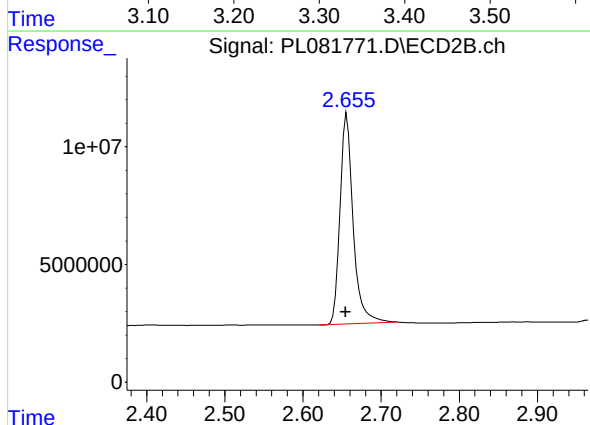
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 119131565
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

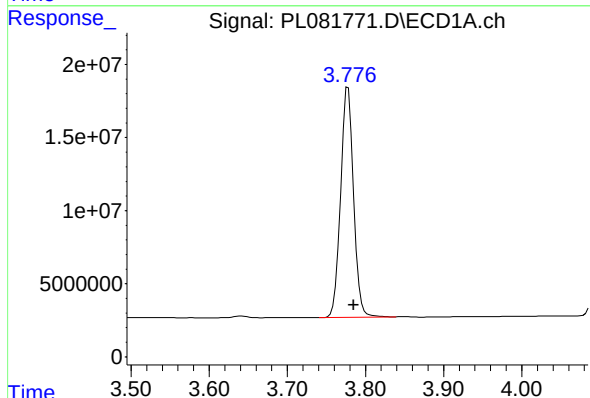
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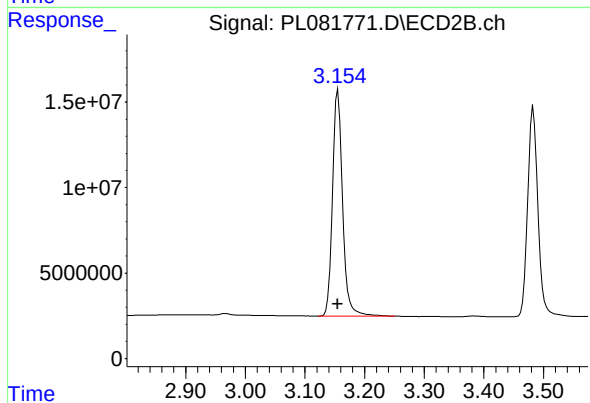
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.002 min
Response: 104921157
Conc: 52.56 ng/ml



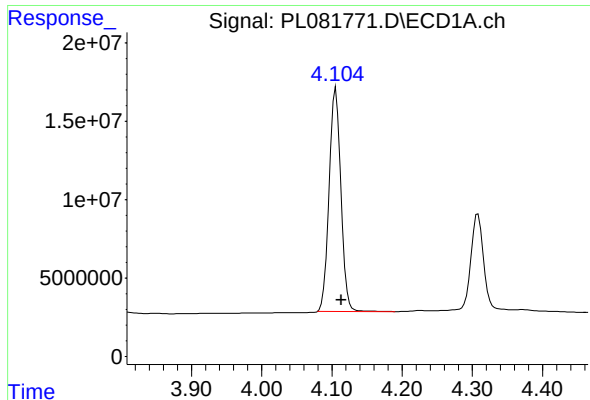
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 181775917
Conc: 53.02 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 155915148
Conc: 53.49 ng/ml



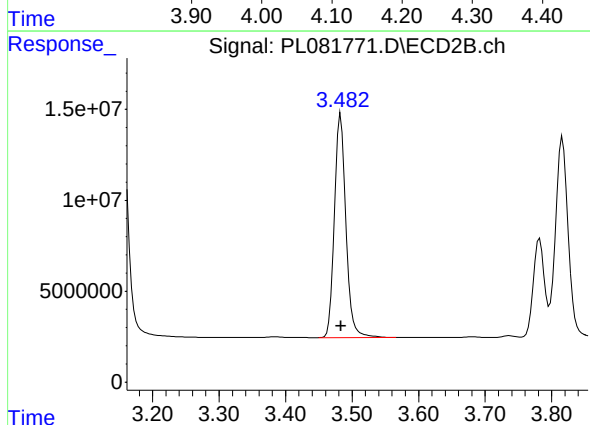
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 165588195
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

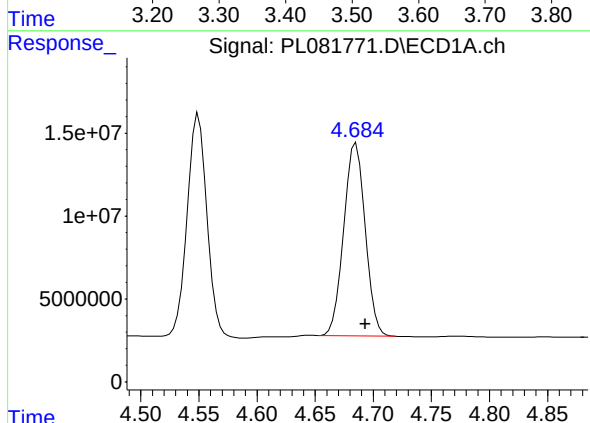
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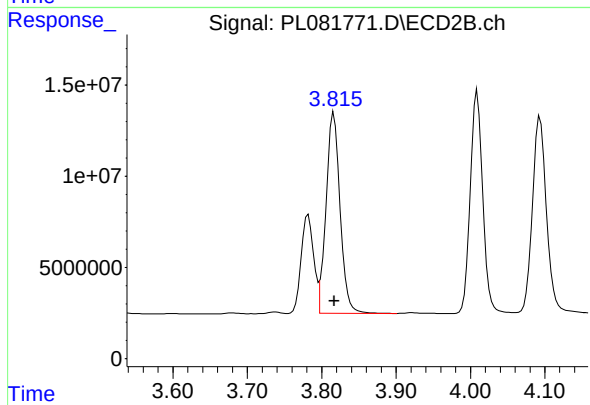
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 146432734
Conc: 52.59 ng/ml



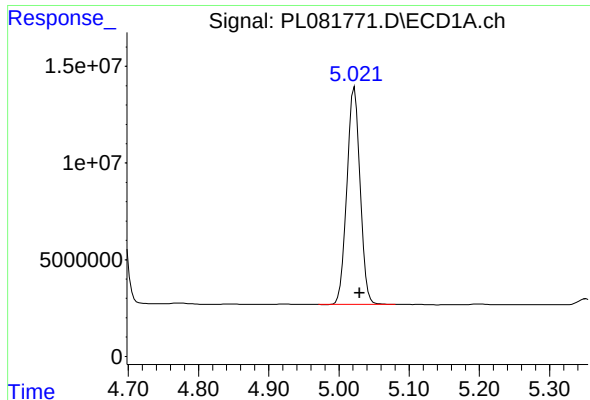
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.009 min
Response: 149074940
Conc: 47.29 ng/ml m



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 144082525
Conc: 50.26 ng/ml



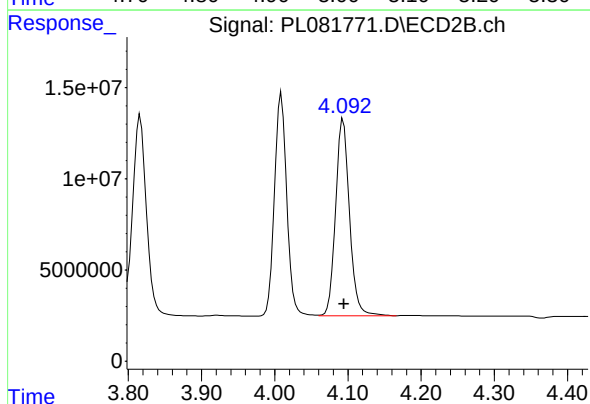
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.008 min
Response: 146755382
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

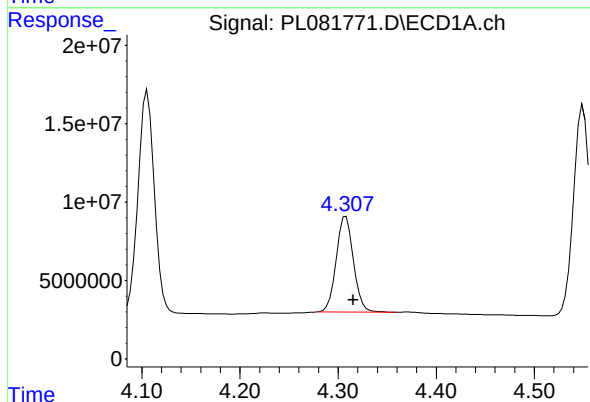
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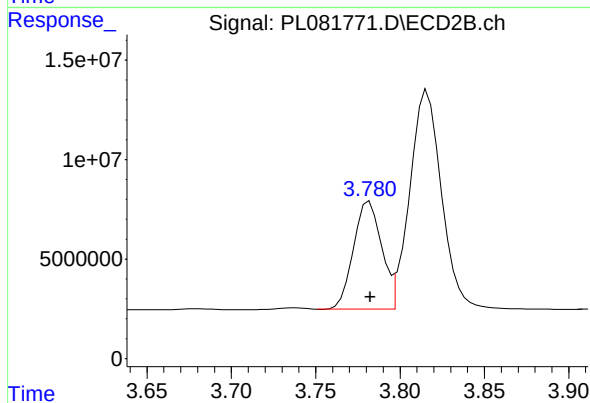
#5 Aldrin

R.T.: 4.094 min
Delta R.T.: -0.001 min
Response: 142947478
Conc: 53.65 ng/ml



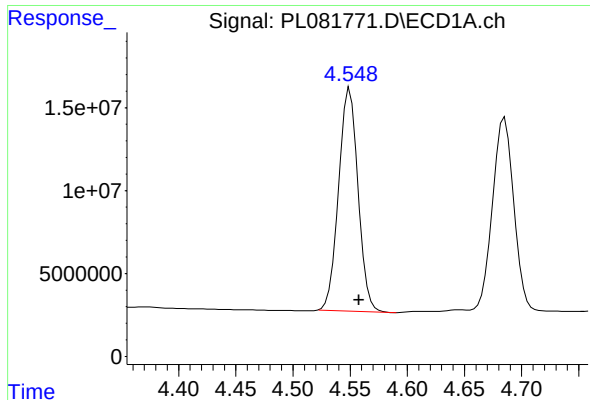
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 74450376
Conc: 49.47 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 62866610
Conc: 52.79 ng/ml



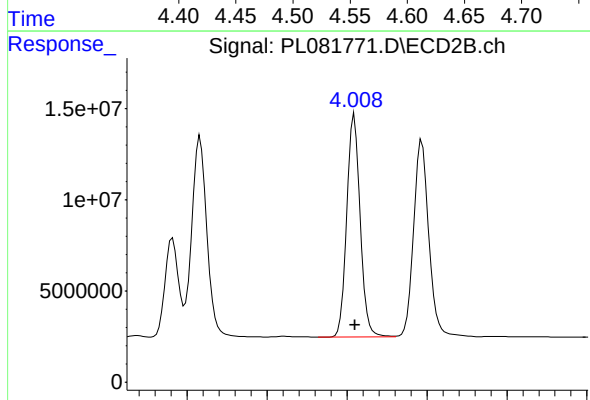
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 159137342
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

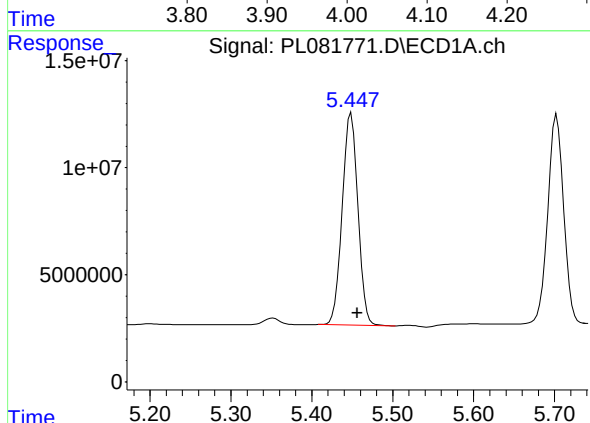
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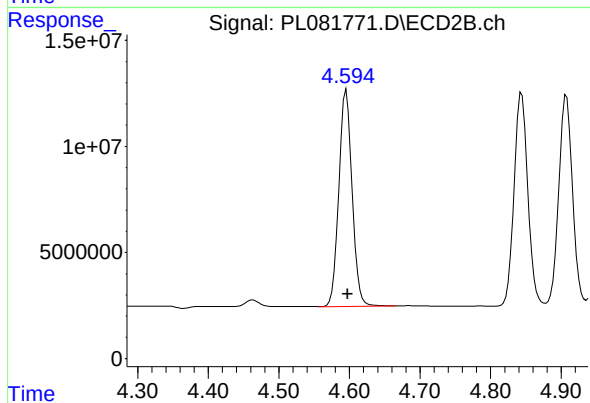
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 142485467
Conc: 55.10 ng/ml



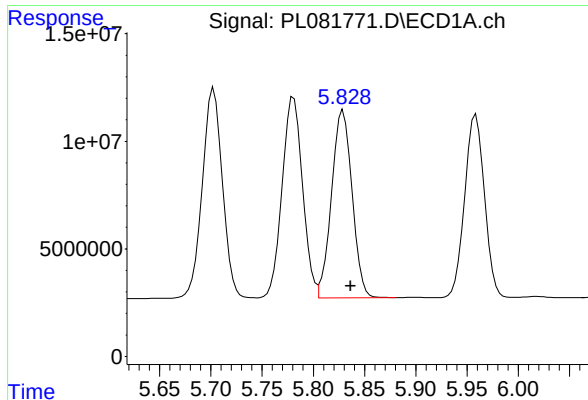
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.008 min
Response: 133826974
Conc: 49.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 133099146
Conc: 54.80 ng/ml



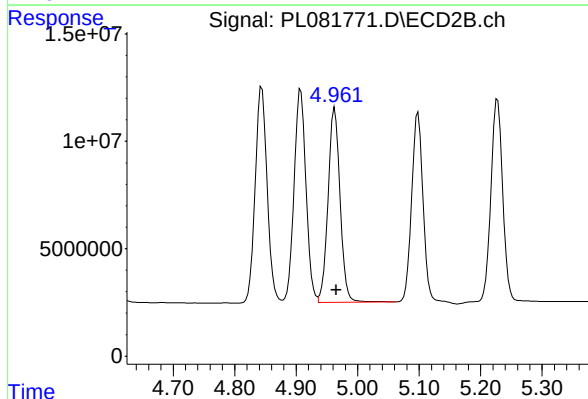
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.007 min
Response: 121097931
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

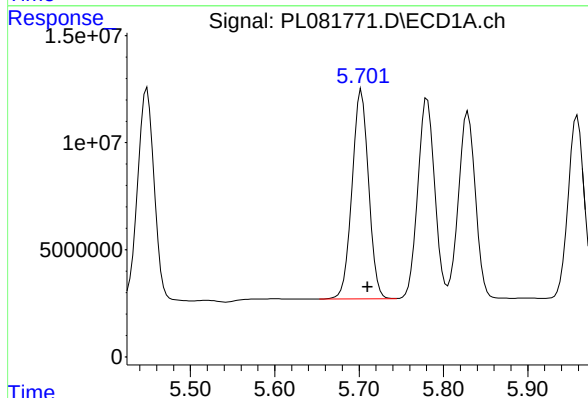
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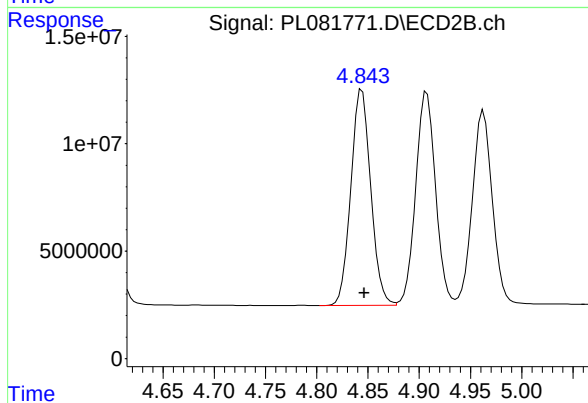
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 123180282
Conc: 55.80 ng/ml



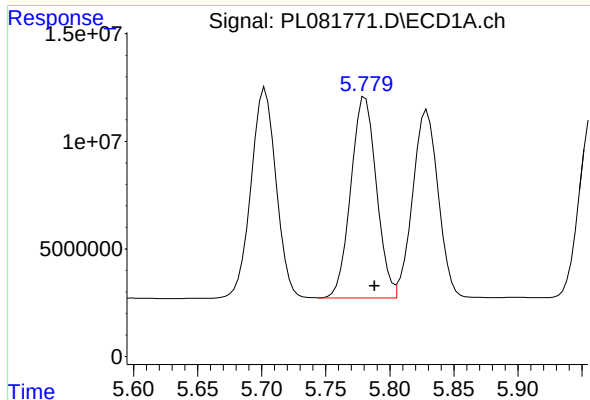
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.008 min
Response: 133301045
Conc: 50.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 135626485
Conc: 55.80 ng/ml



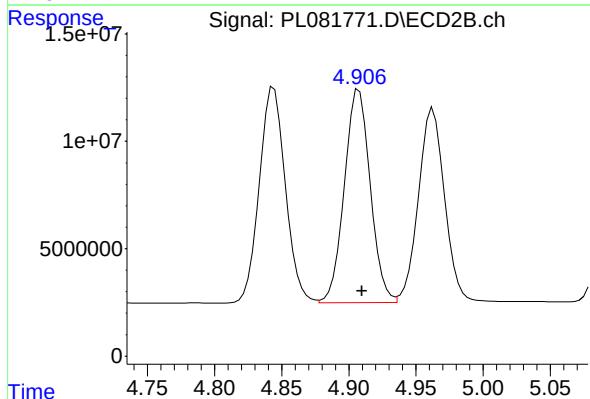
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 130150847
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

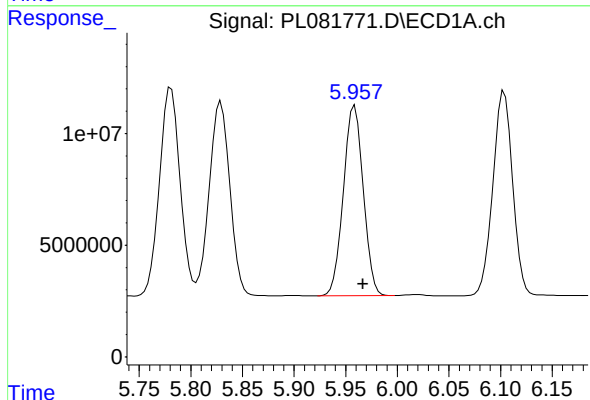
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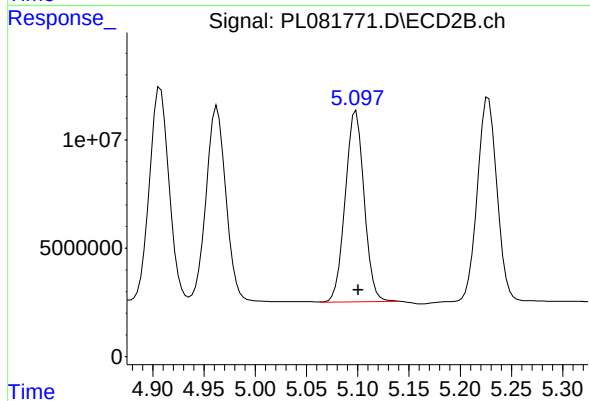
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 133957969
Conc: 55.15 ng/ml



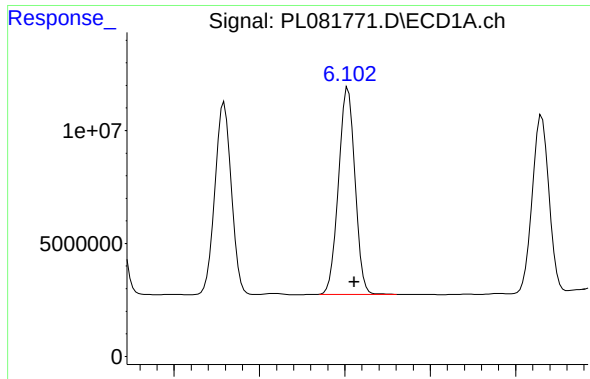
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 114355497
Conc: 50.74 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 112534162
Conc: 57.13 ng/ml m



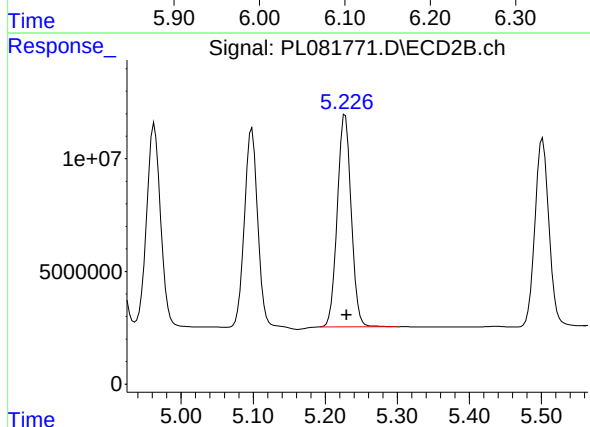
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 122203354
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

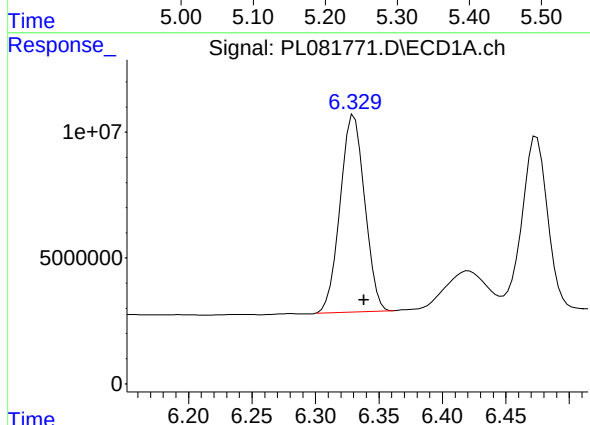
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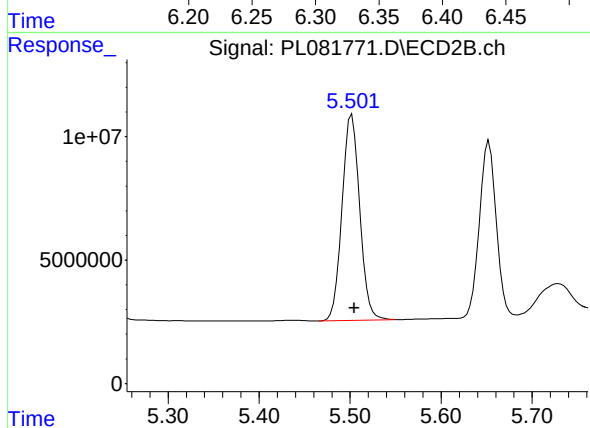
#13 Dieldrin

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 125580945
Conc: 55.83 ng/ml



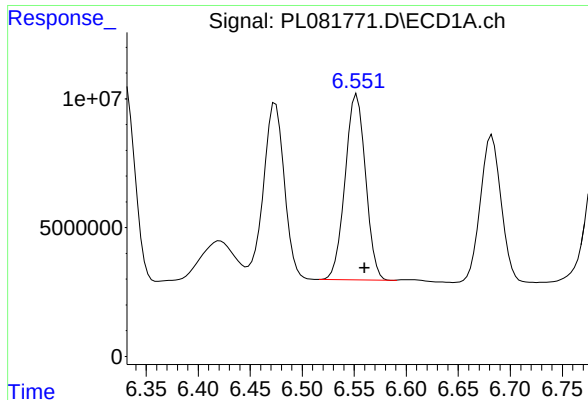
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 105263487
Conc: 49.76 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 112857742
Conc: 55.77 ng/ml



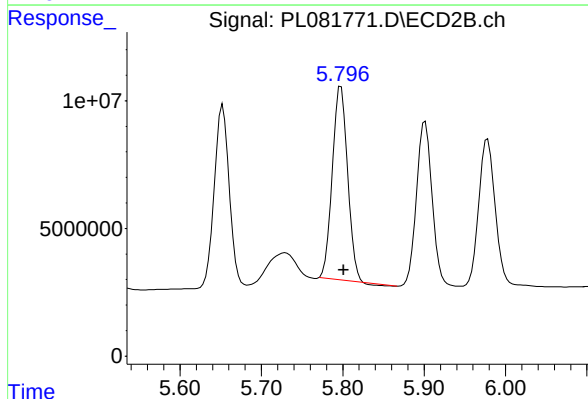
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 97799353
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

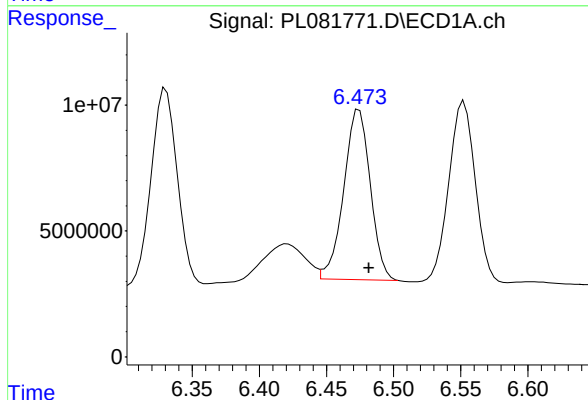
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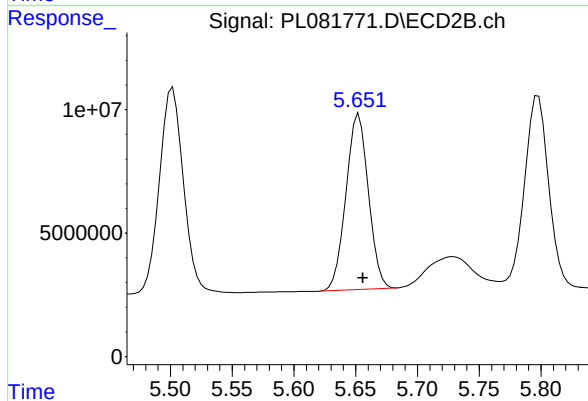
#15 Endosulfan II

R.T.: 5.798 min
Delta R.T.: -0.003 min
Response: 98385165
Conc: 54.24 ng/ml



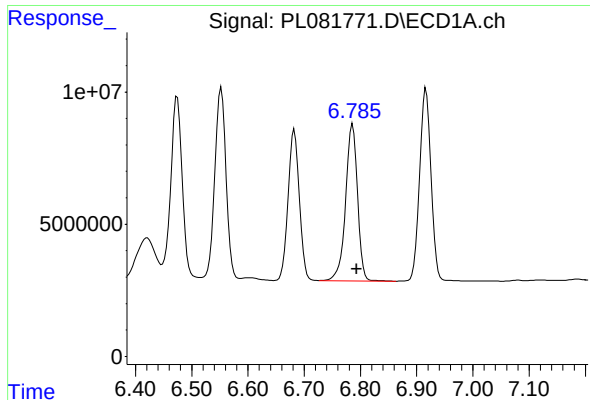
#16 4,4'-DDD

R.T.: 6.473 min
Delta R.T.: -0.009 min
Response: 93393861
Conc: 51.79 ng/ml m



#16 4,4'-DDD

R.T.: 5.653 min
Delta R.T.: -0.003 min
Response: 90025506
Conc: 59.32 ng/ml



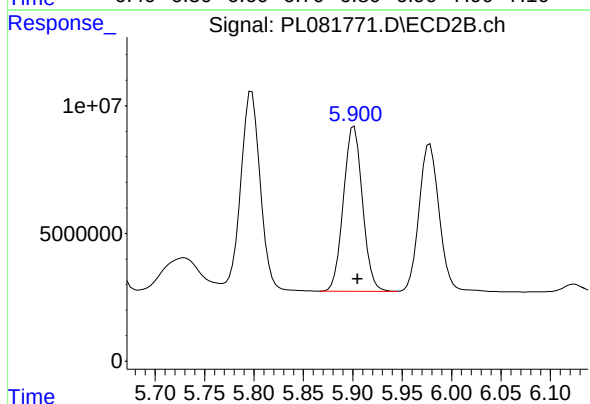
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 87242835
Conc: 42.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

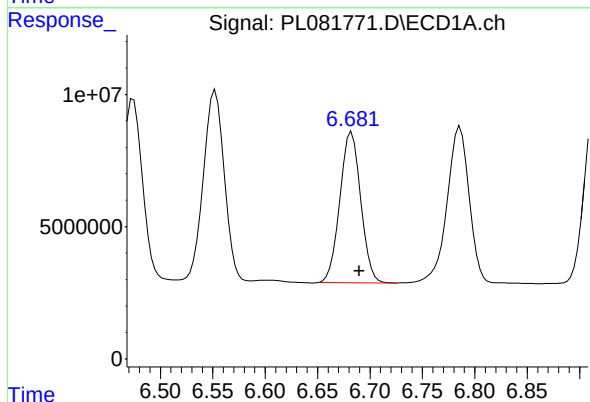
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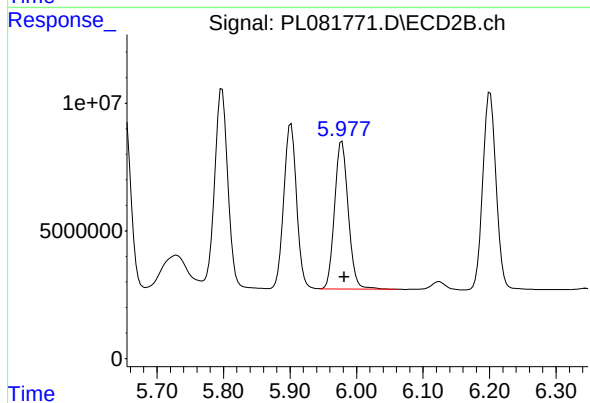
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 86788633
Conc: 50.36 ng/ml



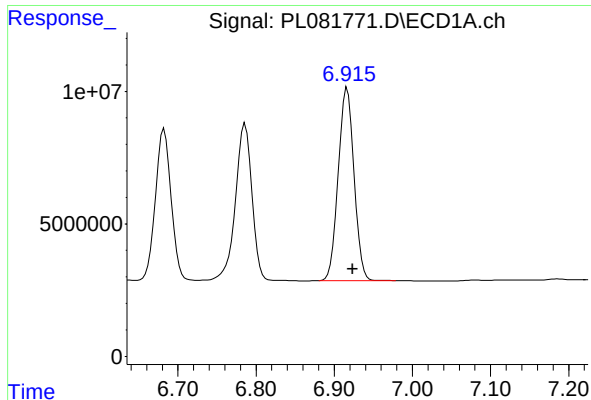
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 79089714
Conc: 48.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 81925092
Conc: 52.75 ng/ml



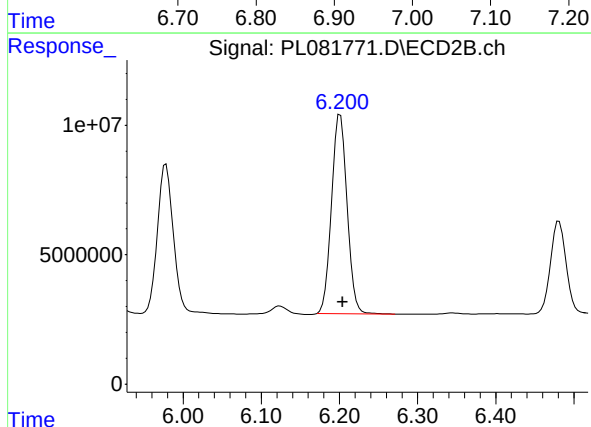
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 102456208
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

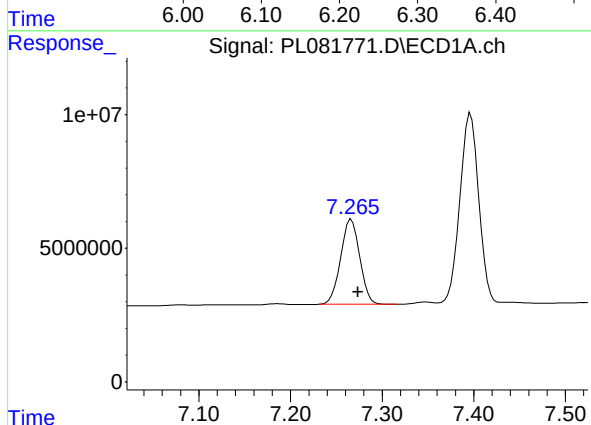
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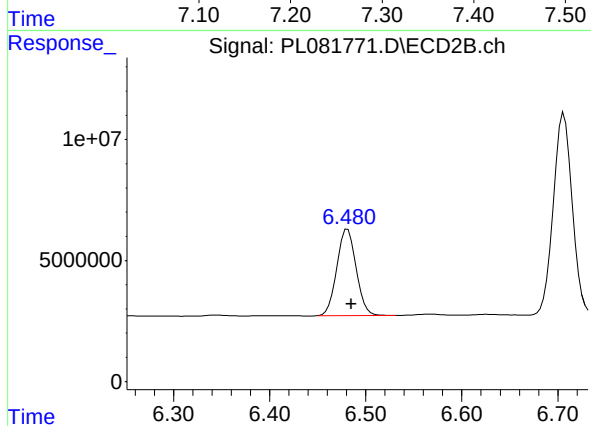
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 106261615
Conc: 54.61 ng/ml



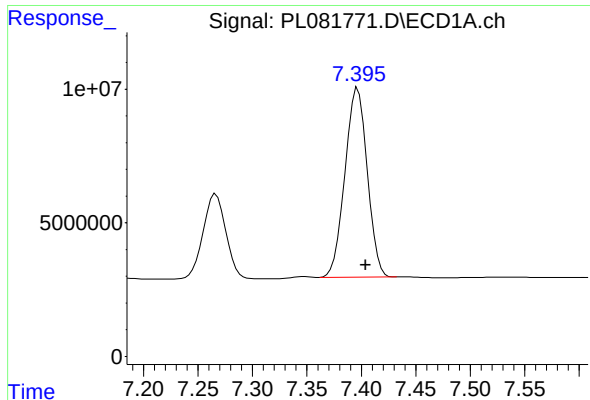
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 46133946
Conc: 42.84 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 49226309
Conc: 49.42 ng/ml



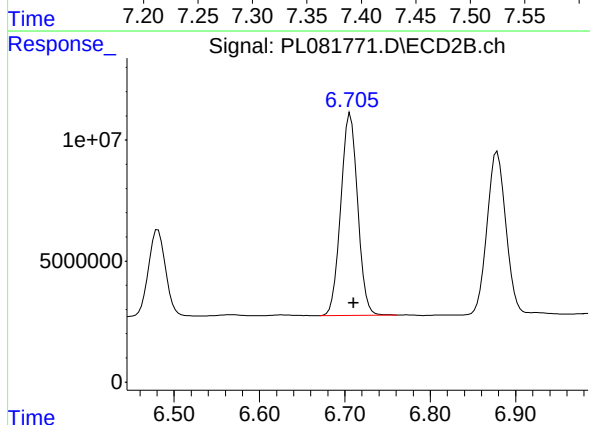
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 100794694
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

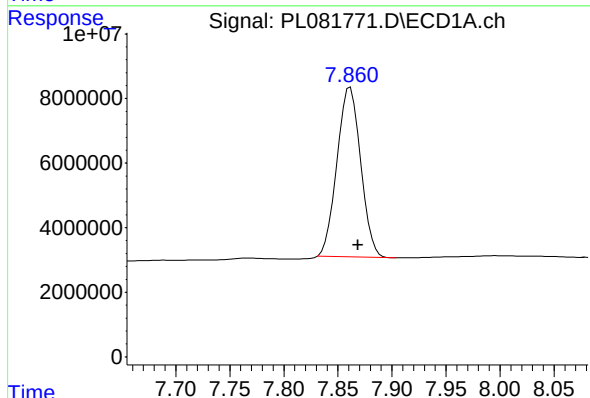
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Reviewed By :Abdul Mirza 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



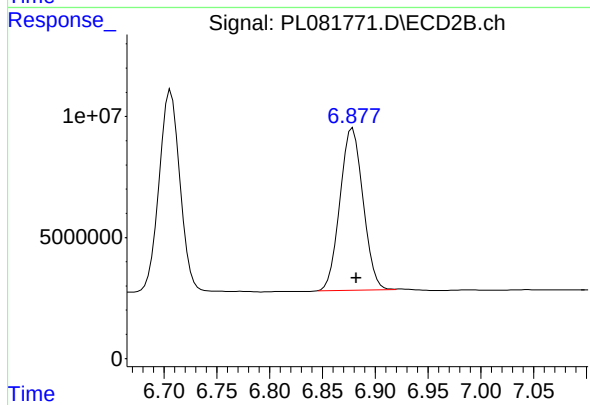
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 114354571
Conc: 53.51 ng/ml



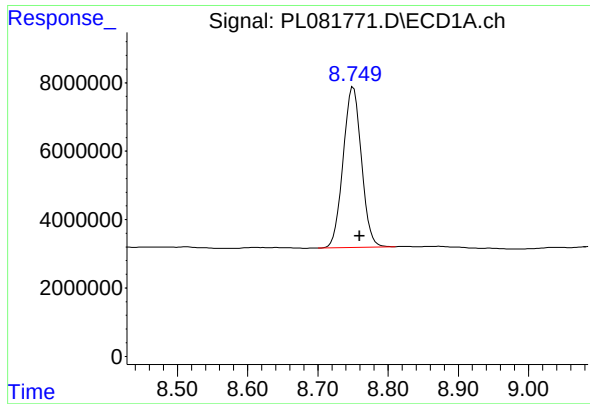
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 80084385
Conc: 46.74 ng/ml



#22 Mirex

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 102008001
Conc: 53.14 ng/ml



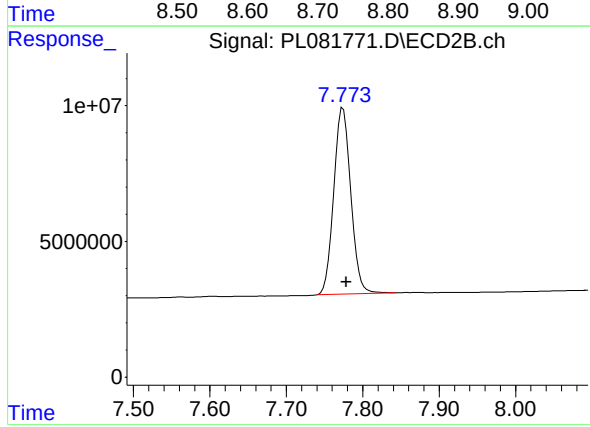
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.009 min
Response: 84817518
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/29/2023
Supervised By :Ankita Jodhani 03/29/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 105951540
Conc: 53.42 ng/ml