

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082797.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 16:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:17:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.320	2.640	139.0E6	116.9E6	52.025	50.462
2)	SA Decachlor...	8.738	7.746	97414988	106.1E6	51.027	46.485m
Target Compounds							
2)	A alpha-BHC	3.769	3.137	214.1E6	170.7E6	53.787	50.152
3)	MA gamma-BHC...	4.097	3.464	197.2E6	155.2E6	52.745	48.261
4)	MA Heptachlor	4.675	3.795	181.0E6	149.8E6	49.538	43.759
5)	MB Aldrin	5.012	4.071	173.5E6	158.5E6	52.610	50.326
6)	B beta-BHC	4.301	3.762	86206127	60624072	50.546	44.433m
7)	B delta-BHC	4.542	3.989	187.9E6	156.7E6	52.230	51.073
8)	B Heptachlo...	5.438	4.572	155.8E6	136.0E6	51.070	47.195
9)	A Endosulfan I	5.818	4.939	144.1E6	127.5E6	51.954	47.770
10)	B gamma-Chl...	5.692	4.820	157.7E6	142.2E6	52.441m	49.001
11)	B alpha-Chl...	5.771	4.883	156.1E6	140.7E6	52.305	48.473
12)	B 4,4'-DDE	5.950	5.073	135.6E6	118.5E6	53.341	51.552m
13)	MA Dieldrin	6.093	5.202	145.8E6	130.9E6	52.845	48.479m
14)	MA Endrin	6.321	5.476	123.1E6	113.8E6	50.764	46.514m
15)	B Endosulfa...	6.543	5.774	123.6E6	107.4E6	50.780	47.639
16)	A 4,4'-DDD	6.465	5.629	112.9E6	99106561	55.669	52.987
17)	MA 4,4'-DDT	6.777	5.877	102.7E6	88523302	44.901	41.903
18)	B Endrin al...	6.674	5.954	95148211	87821242	50.499	46.929
19)	B Endosulfa...	6.908	6.177	121.0E6	112.0E6	51.015	47.571
20)	A Methoxychlor	7.257	6.455	53908515	51876433	44.175	42.808m
21)	B Endrin ke...	7.387	6.680	123.8E6	122.7E6	51.707	48.360m
22)	Mirex	7.851	6.851	96573121	102.6E6	49.365	44.522m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
Data File : PL082797.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2023 16:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

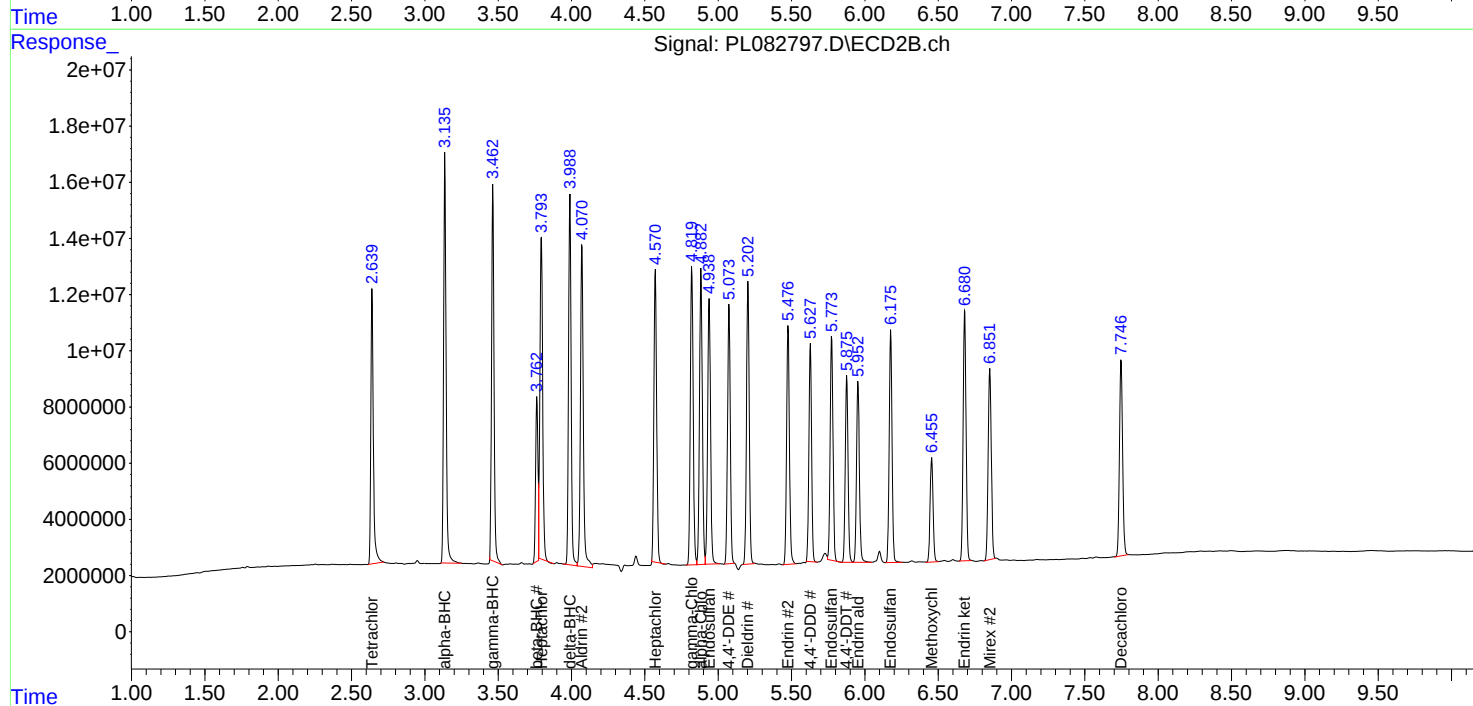
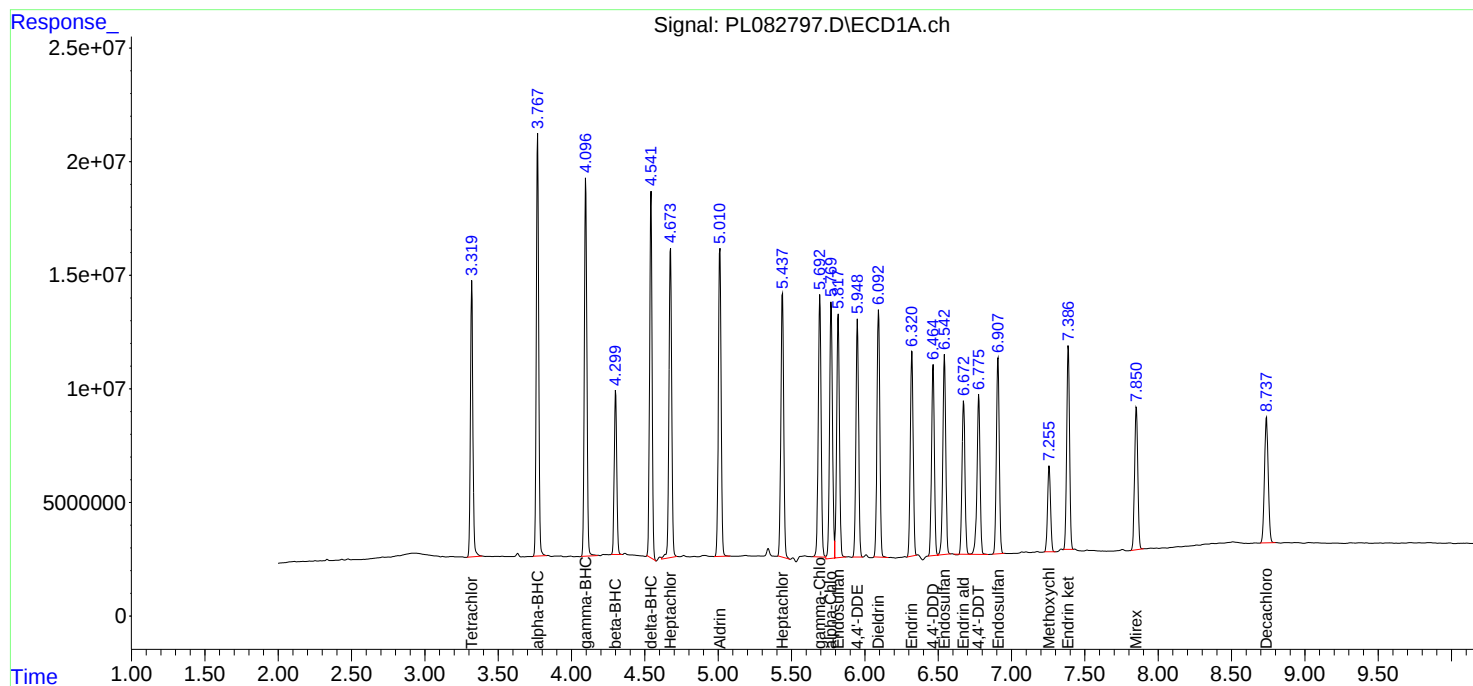
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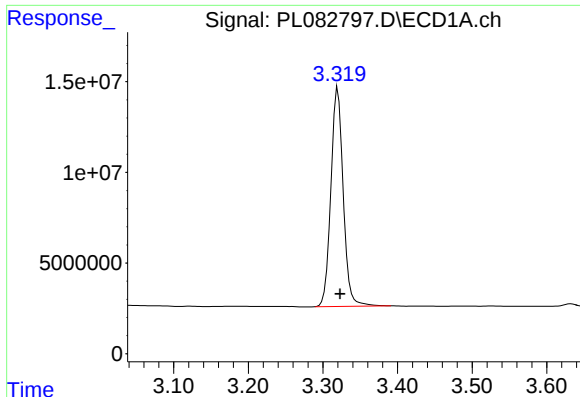
Reviewed By :Abdul Mirza 05/19/2023

Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 21:17:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





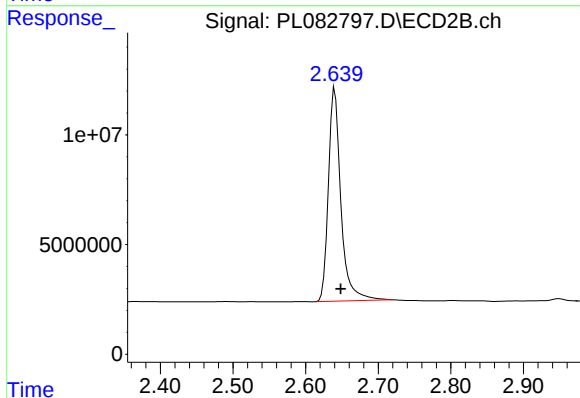
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 138969920
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

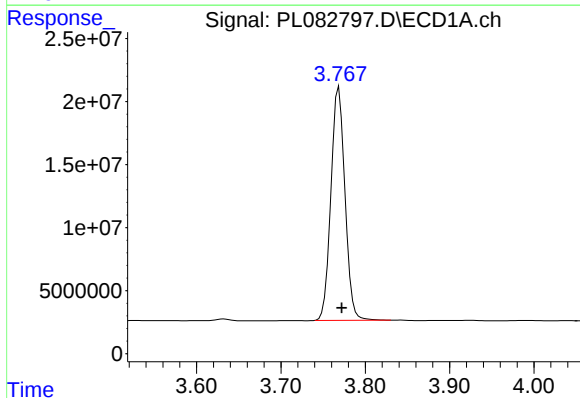
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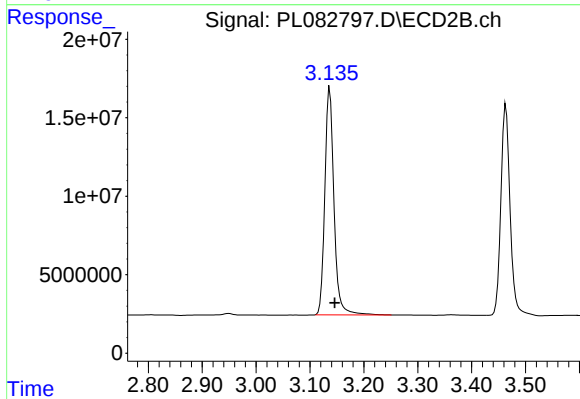
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 116907833
Conc: 50.46 ng/ml



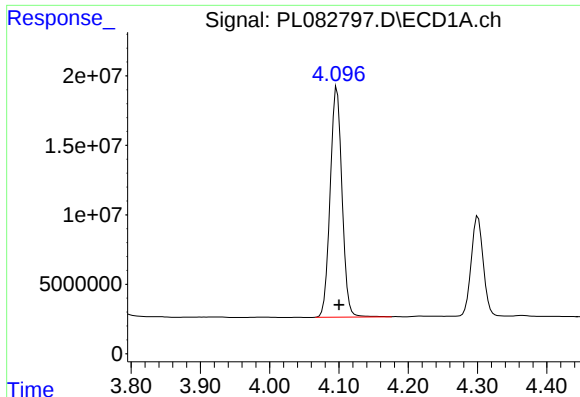
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 214087102
Conc: 53.79 ng/ml



#2 alpha-BHC

R.T.: 3.137 min
Delta R.T.: -0.010 min
Response: 170690545
Conc: 50.15 ng/ml



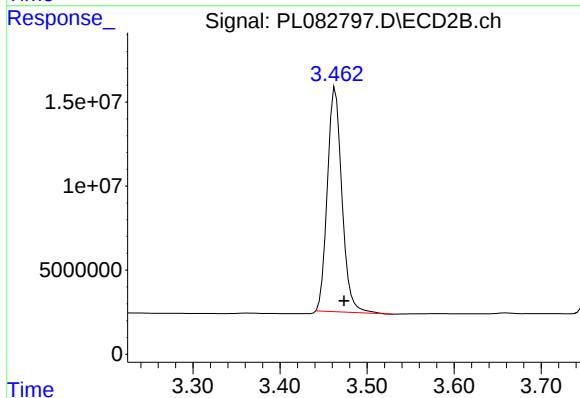
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 197209710
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

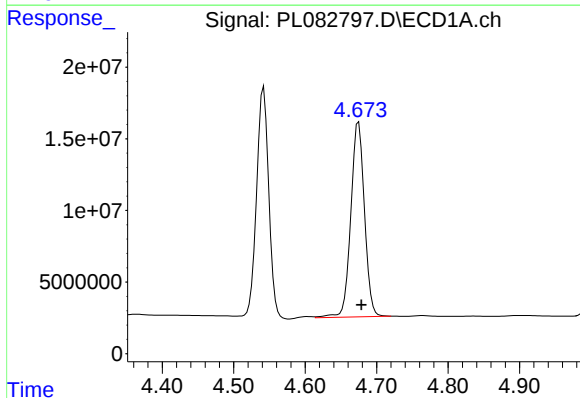
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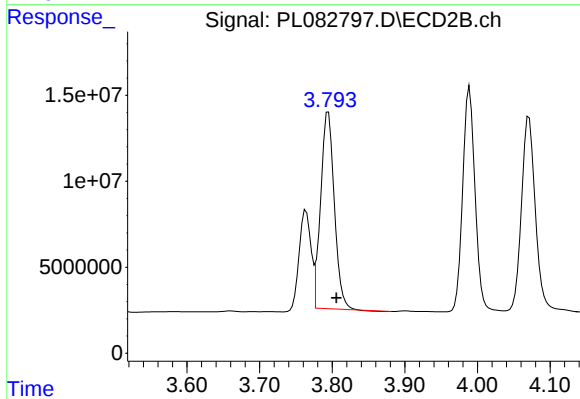
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.010 min
Response: 155171538
Conc: 48.26 ng/ml



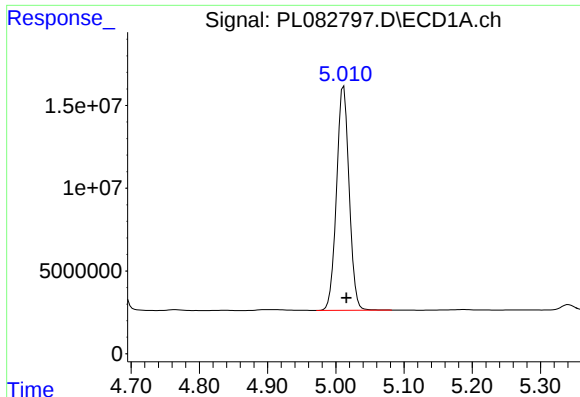
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 181007752
Conc: 49.54 ng/ml



#4 Heptachlor

R.T.: 3.795 min
Delta R.T.: -0.011 min
Response: 149799095
Conc: 43.76 ng/ml



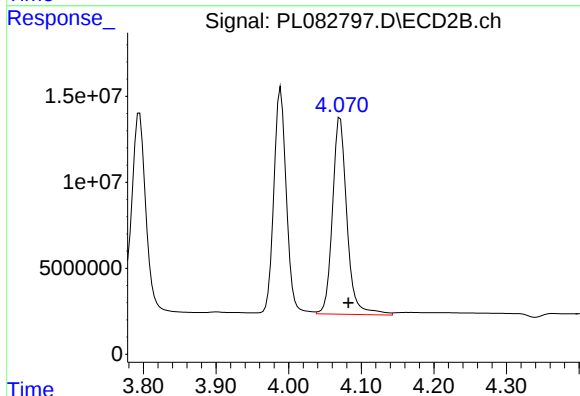
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 173486404
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

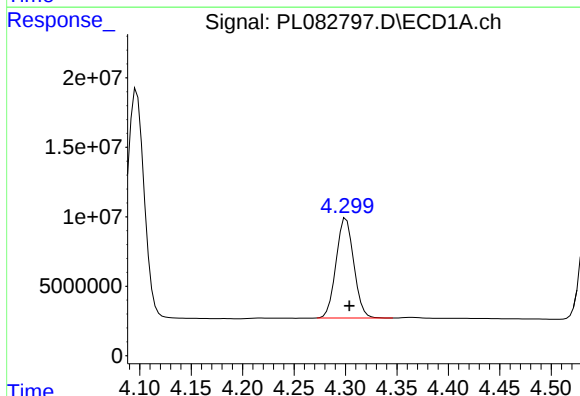
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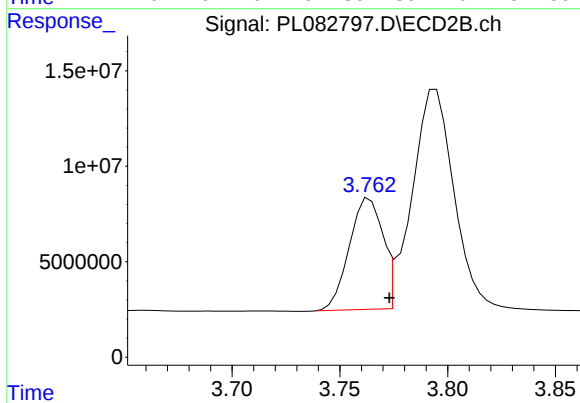
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 158520718
Conc: 50.33 ng/ml



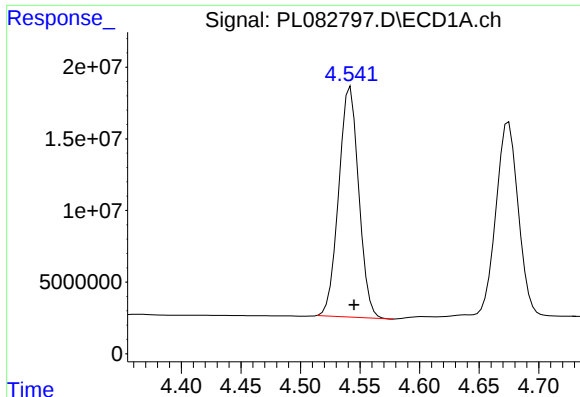
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 86206127
Conc: 50.55 ng/ml



#6 beta-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 60624072
Conc: 44.43 ng/ml m



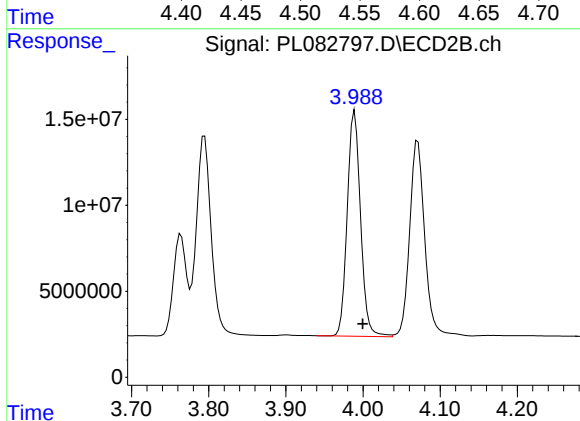
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 187910554
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

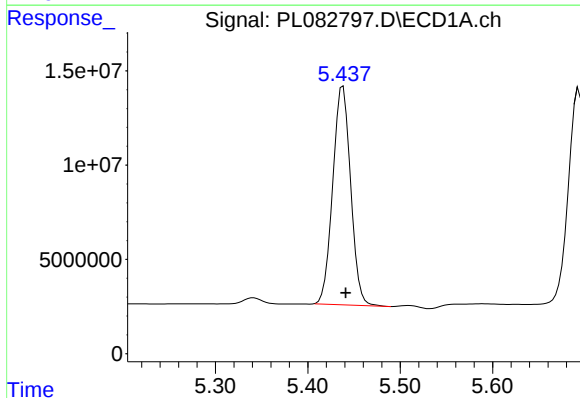
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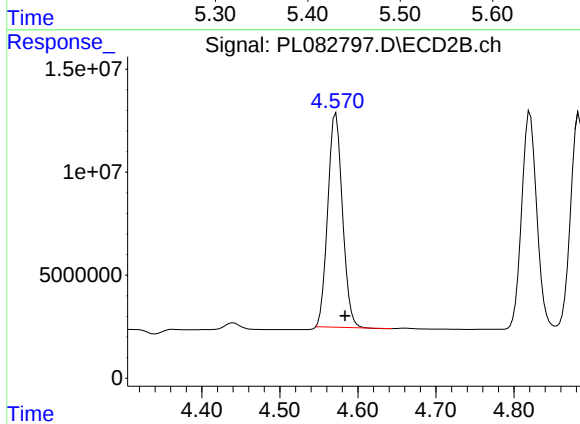
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: -0.010 min
Response: 156659637
Conc: 51.07 ng/ml



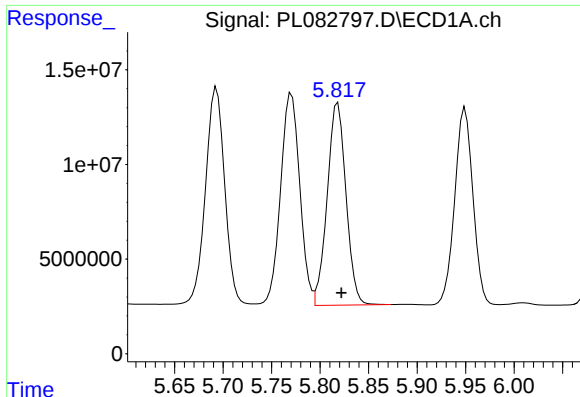
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 155780314
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: -0.012 min
Response: 135963867
Conc: 47.20 ng/ml



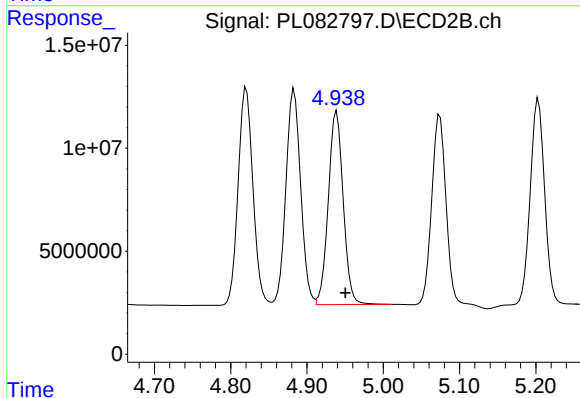
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 144055583
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

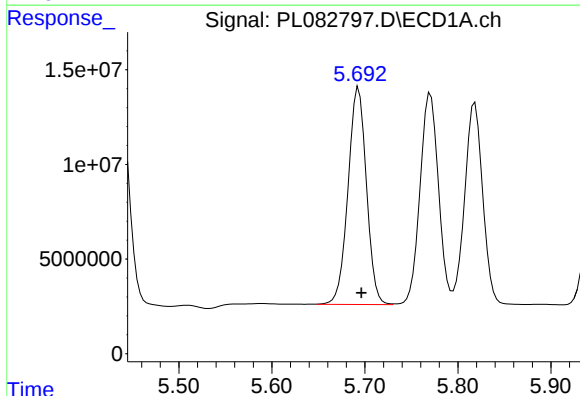
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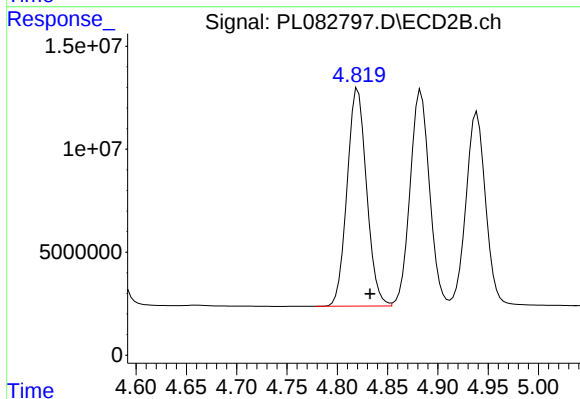
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 127519166
Conc: 47.77 ng/ml



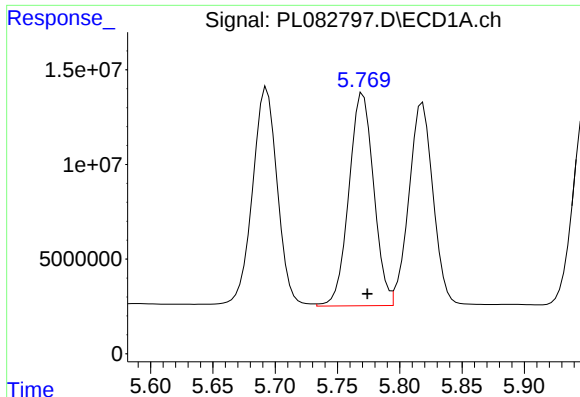
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 157683610
Conc: 52.44 ng/ml m



#10 gamma-Chlordane

R.T.: 4.820 min
Delta R.T.: -0.012 min
Response: 142192445
Conc: 49.00 ng/ml



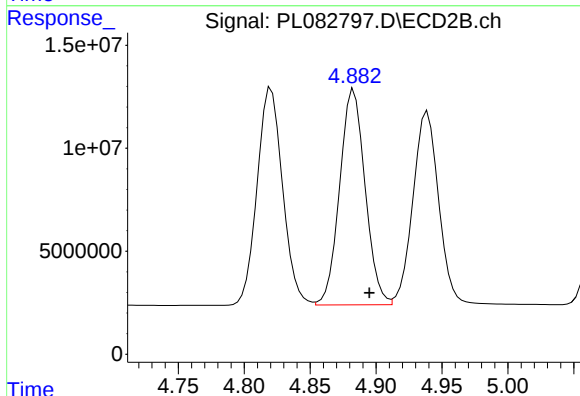
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.004 min
Response: 156111034
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

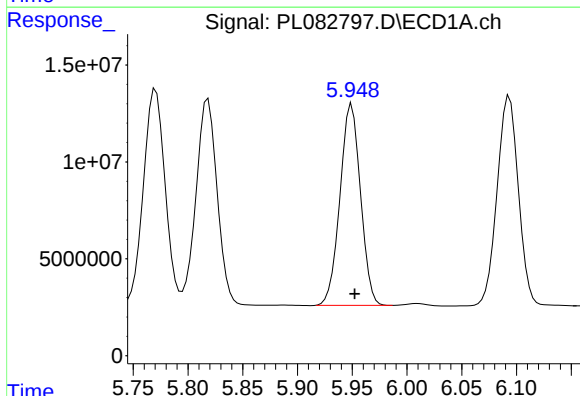
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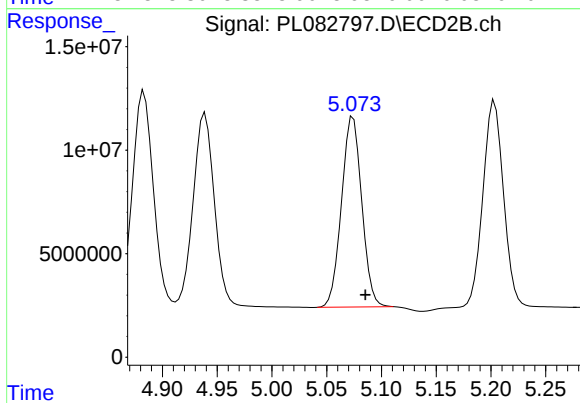
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: -0.012 min
Response: 140709944
Conc: 48.47 ng/ml



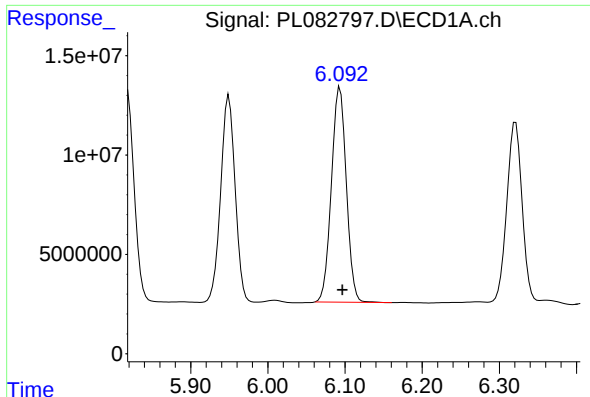
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 135594732
Conc: 53.34 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.013 min
Response: 118515419
Conc: 51.55 ng/ml m



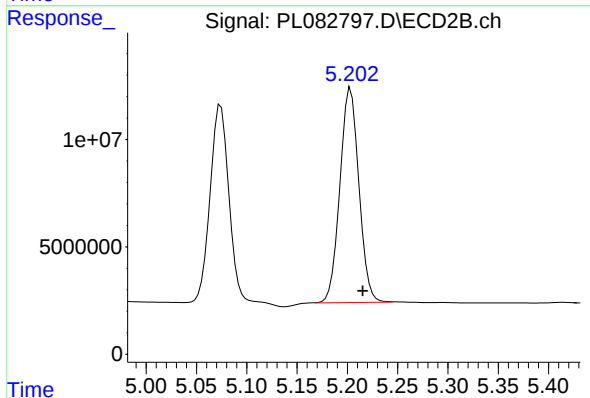
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 145804788
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

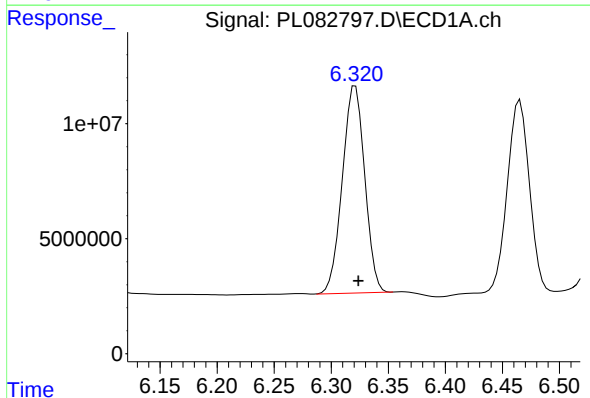
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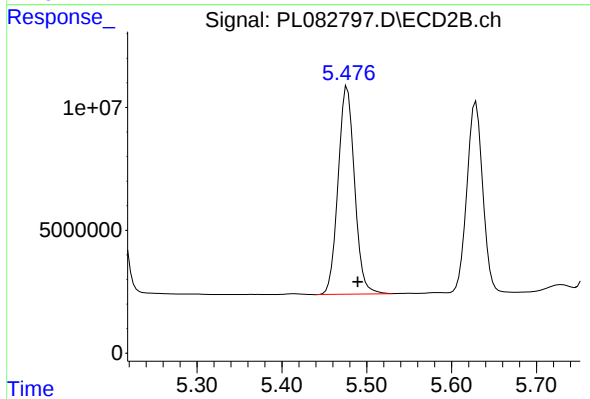
#13 Dieldrin

R.T.: 5.202 min
Delta R.T.: -0.013 min
Response: 130911910
Conc: 48.48 ng/ml m



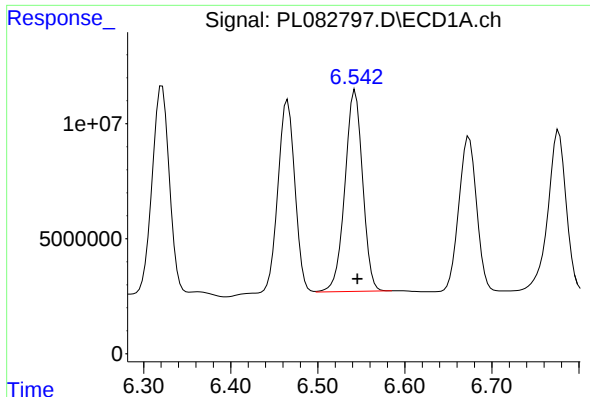
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 123078941
Conc: 50.76 ng/ml



#14 Endrin

R.T.: 5.476 min
Delta R.T.: -0.014 min
Response: 113771908
Conc: 46.51 ng/ml m



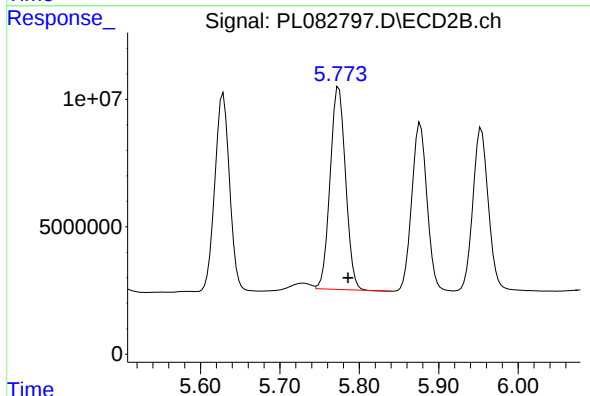
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 123626603
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

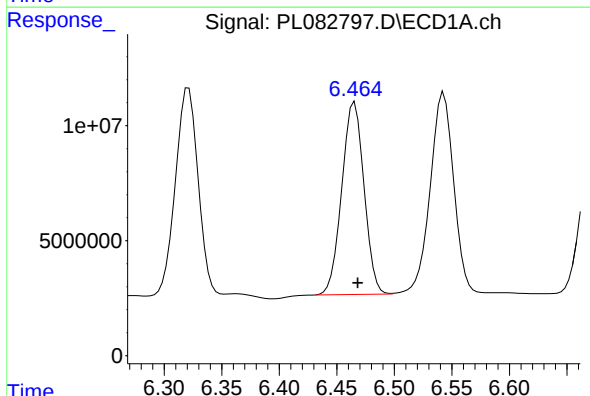
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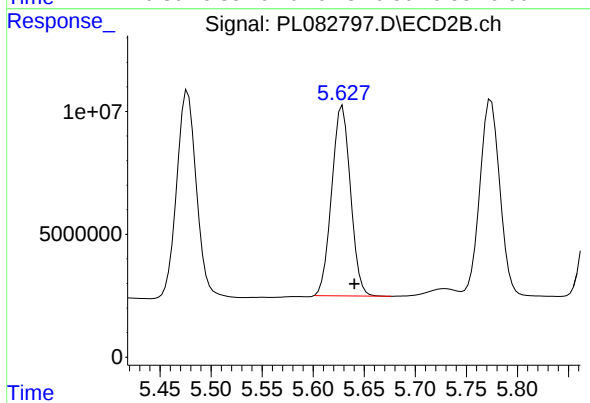
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 107384187
Conc: 47.64 ng/ml



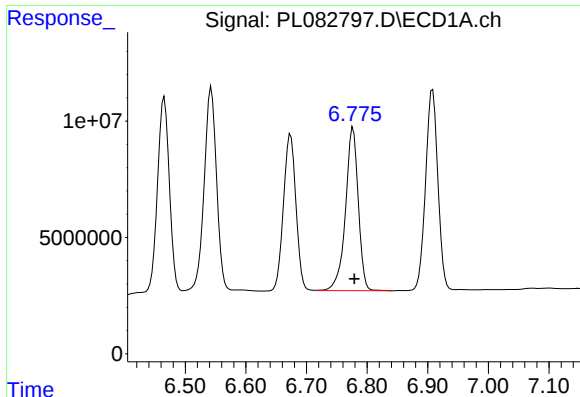
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 112851451
Conc: 55.67 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.012 min
Response: 99106561
Conc: 52.99 ng/ml



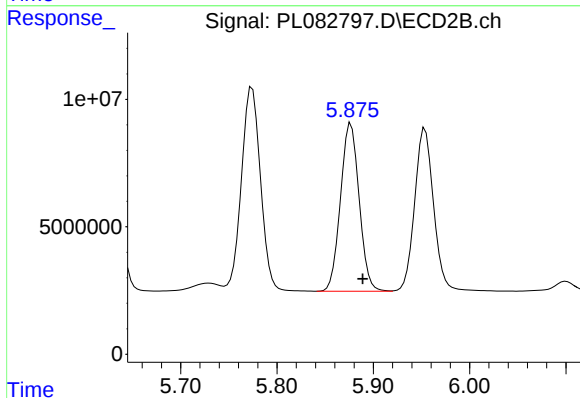
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 102721153
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

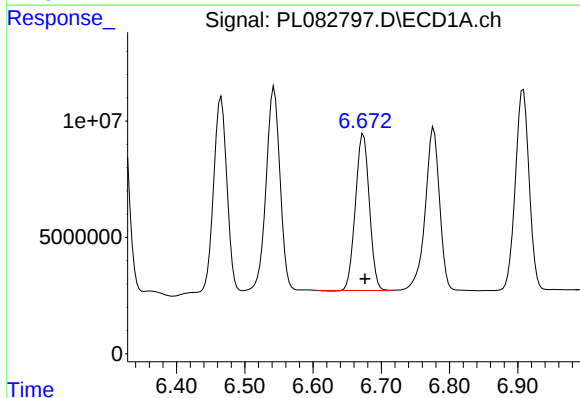
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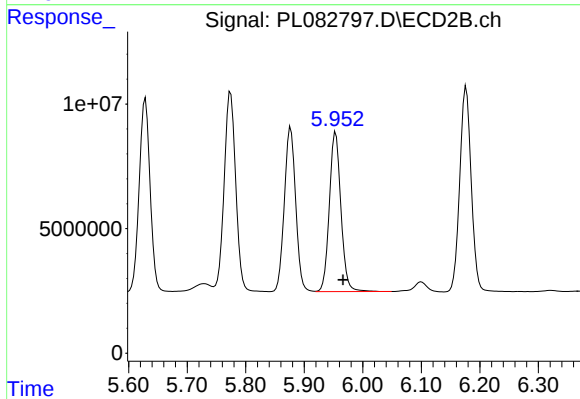
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 88523302
Conc: 41.90 ng/ml



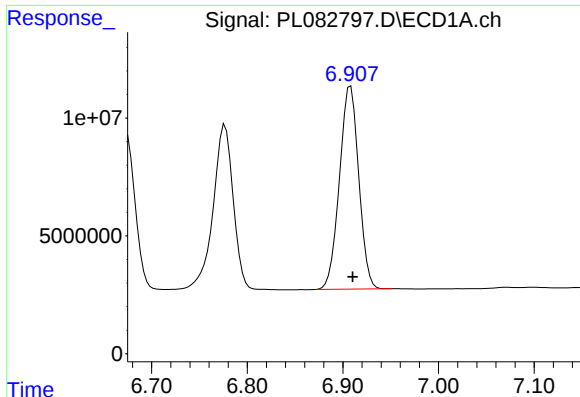
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 95148211
Conc: 50.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: -0.013 min
Response: 87821242
Conc: 46.93 ng/ml



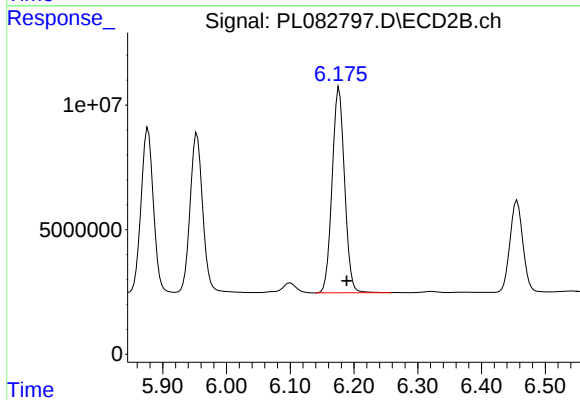
#19 Endosulfan Sulfate

R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 120984097
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

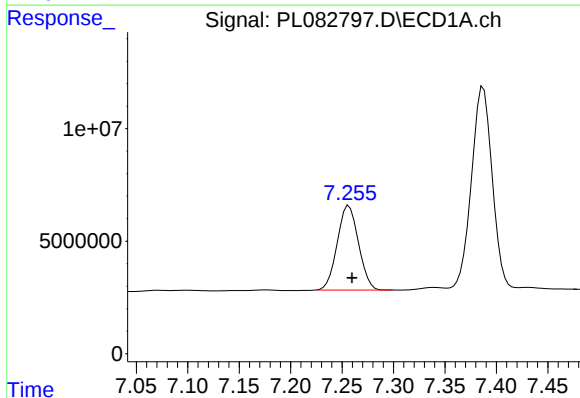
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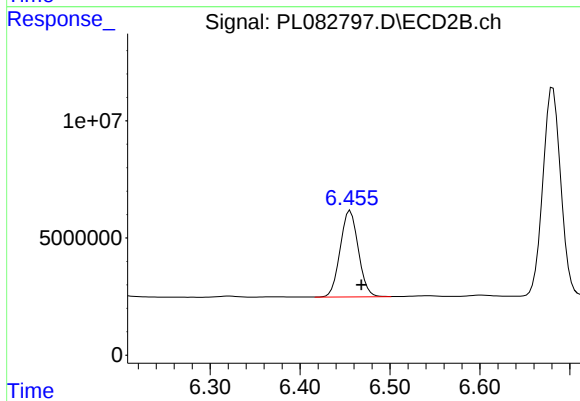
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.012 min
Response: 111995712
Conc: 47.57 ng/ml



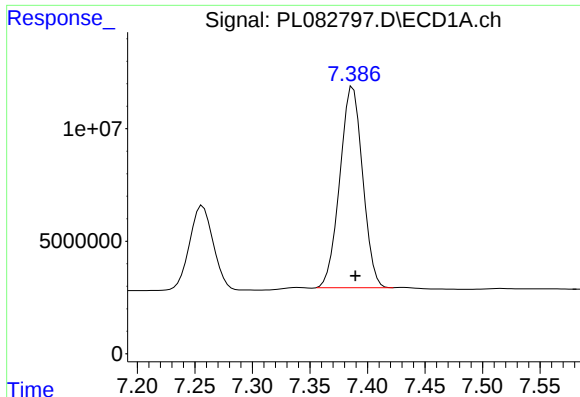
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.003 min
Response: 53908515
Conc: 44.18 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 51876433
Conc: 42.81 ng/ml m



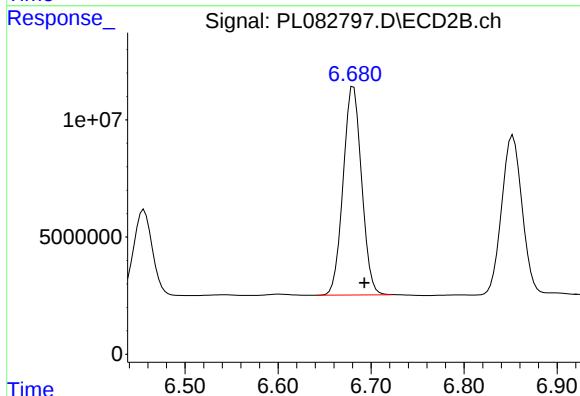
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 123807039
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

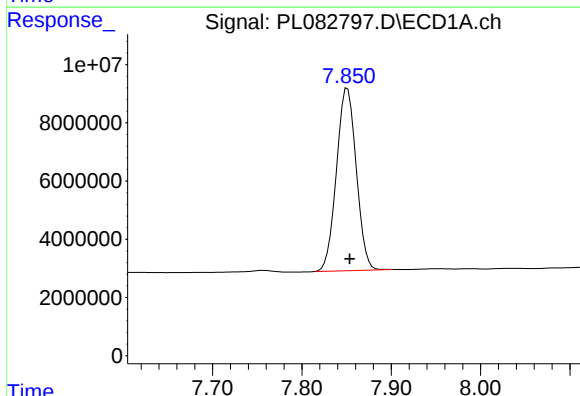
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



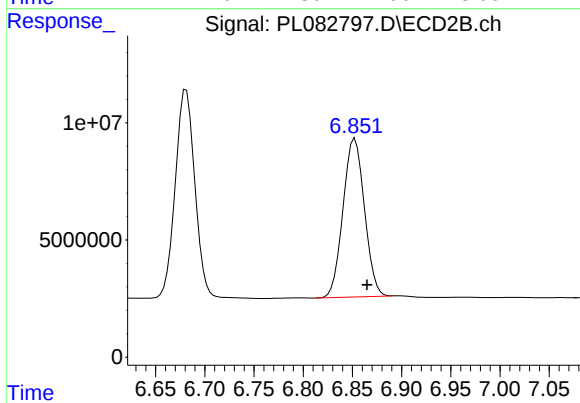
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: -0.013 min
Response: 122745390
Conc: 48.36 ng/ml m



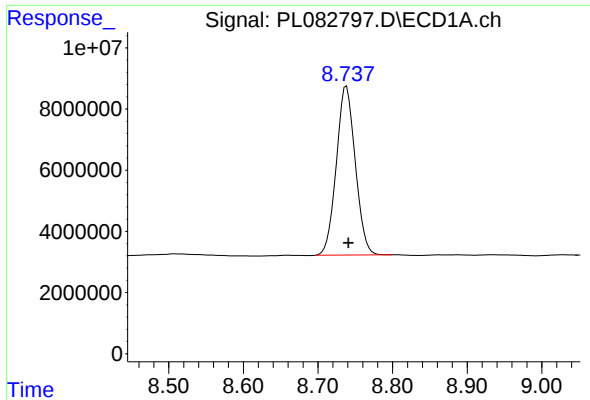
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.003 min
Response: 96573121
Conc: 49.36 ng/ml



#22 Mirex

R.T.: 6.851 min
Delta R.T.: -0.014 min
Response: 102590807
Conc: 44.52 ng/ml m



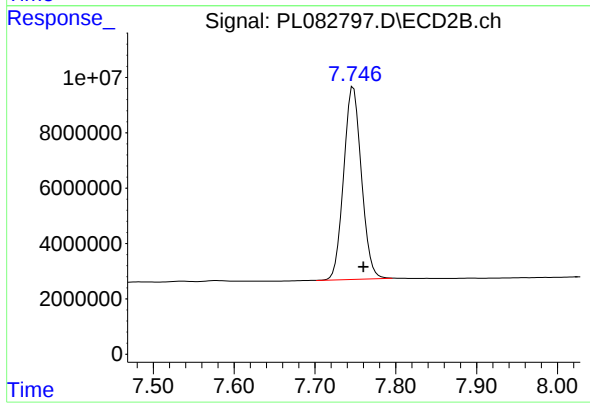
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 97414988
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2023
Supervised By :Ankita Jodhani 05/19/2023



#28 Decachlorobiphenyl

R.T.: 7.746 min
Delta R.T.: -0.014 min
Response: 106102195
Conc: 46.49 ng/ml m