

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082540.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 10:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:11:17 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	2.643	141.5E6	120.5E6	52.965	52.015
28)	SA Decachlor...	8.737	7.752	107.8E6	123.1E6	56.455	53.944
Target Compounds							
2)	A alpha-BHC	3.769	3.140	213.5E6	179.2E6	53.638	52.666
3)	MA gamma-BHC...	4.097	3.468	202.6E6	168.2E6	54.188	52.316
4)	MA Heptachlor	4.675	3.799	196.2E6	175.7E6	53.687	51.311
5)	MB Aldrin	5.012	4.076	180.1E6	169.1E6	54.614	53.685
6)	B beta-BHC	4.301	3.767	89301193	68606651	52.361	50.283
7)	B delta-BHC	4.542	3.994	192.4E6	164.4E6	53.480	53.604
8)	B Heptachlo...	5.437	4.577	164.5E6	151.5E6	53.914	52.590
9)	A Endosulfan I	5.819	4.944	152.6E6	142.6E6	55.051	53.416
10)	B gamma-Chl...	5.693	4.825	166.3E6	154.1E6	55.318	53.103
11)	B alpha-Chl...	5.770	4.888	163.9E6	154.0E6	54.930	53.056
12)	B 4,4'-DDE	5.949	5.079	143.5E6	129.5E6	56.461	56.325
13)	MA Dieldrin	6.093	5.207	153.9E6	144.9E6	55.782	53.676m
14)	MA Endrin	6.320	5.480	132.2E6	128.8E6	54.507	52.678m
15)	B Endosulfa...	6.542	5.779	124.9E6	122.5E6	51.300	54.342
16)	A 4,4'-DDD	6.465	5.633	118.2E6	107.8E6	58.302	57.620
17)	MA 4,4'-DDT	6.775	5.882	125.0E6	117.7E6	54.629	55.737
18)	B Endrin al...	6.673	5.958	104.5E6	100.8E6	55.450	53.887
19)	B Endosulfa...	6.907	6.181	130.2E6	128.1E6	54.920	54.398
20)	A Methoxychlor	7.256	6.458	65811673	66019567	53.929	54.479m
21)	B Endrin ke...	7.386	6.684	133.6E6	142.6E6	55.796	56.180m
22)	Mirex	7.850	6.855	105.3E6	122.1E6	53.813	52.993m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082540.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 10:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

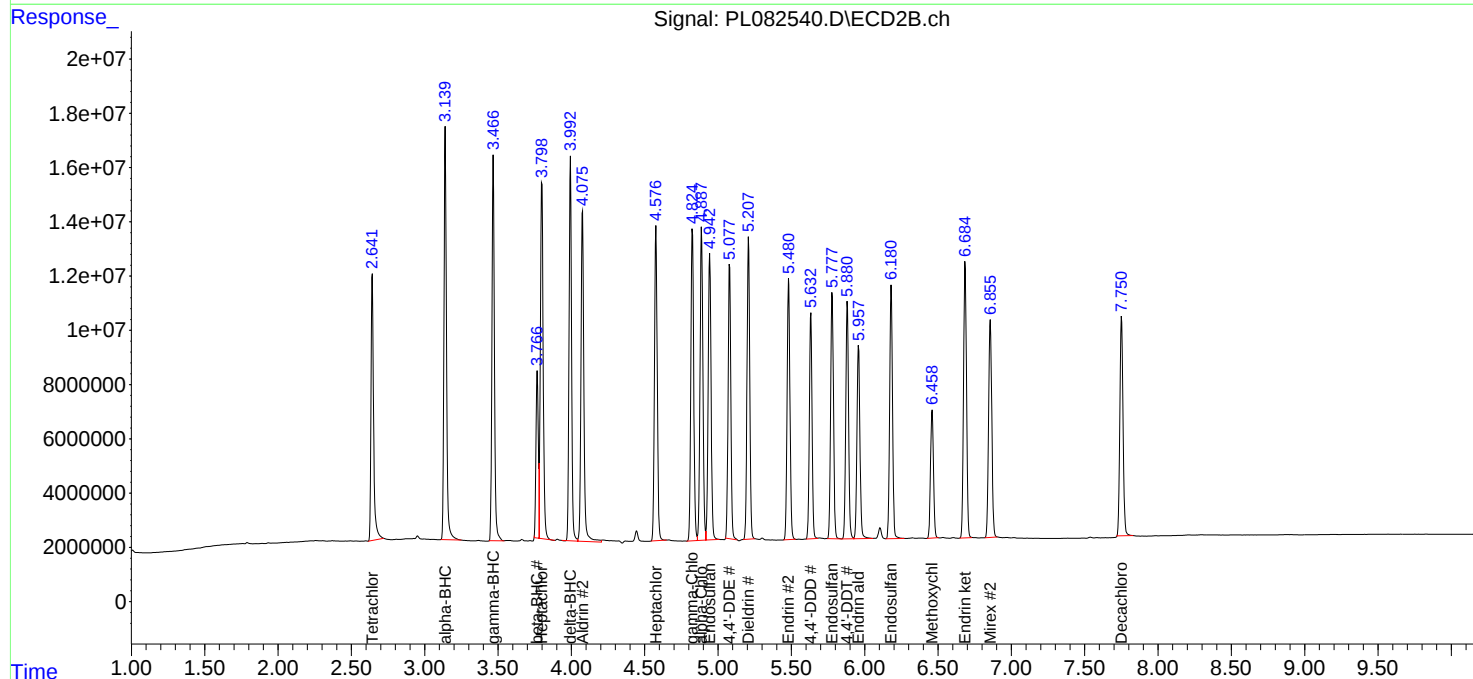
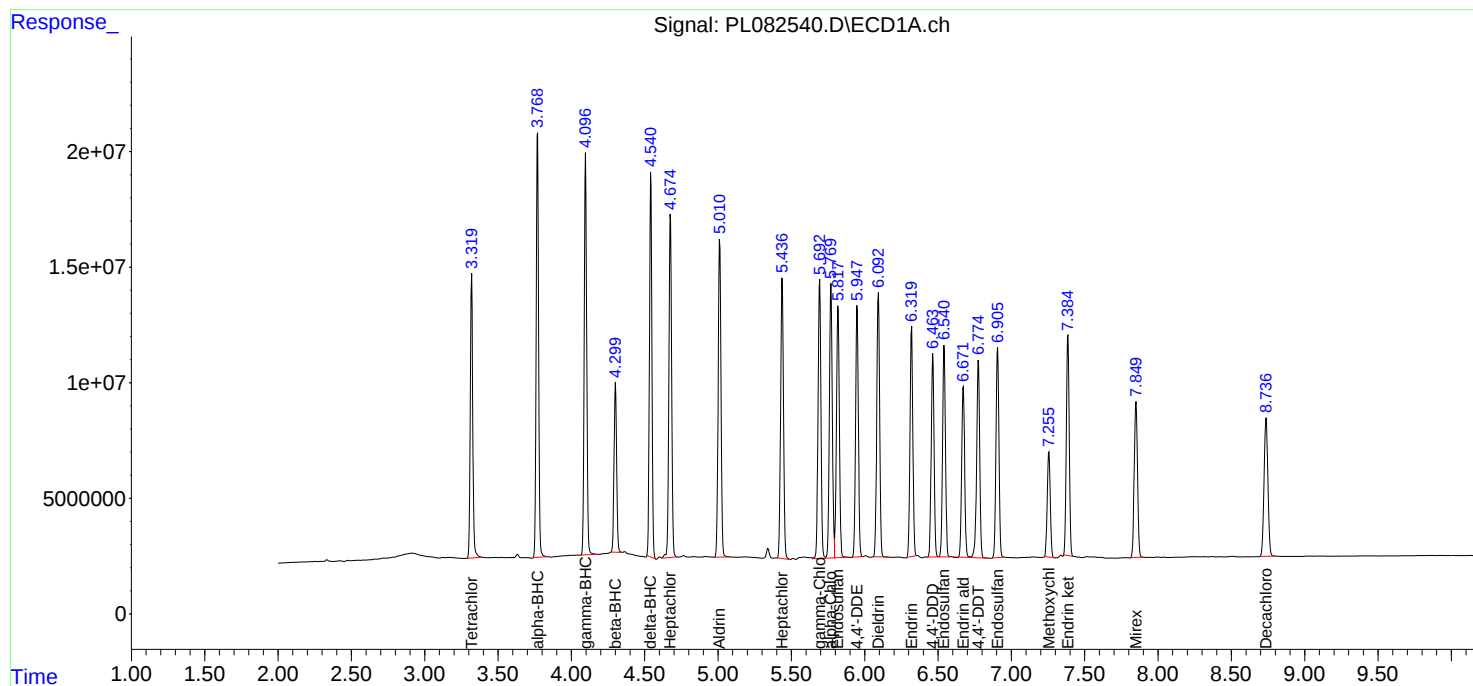
APPROVED

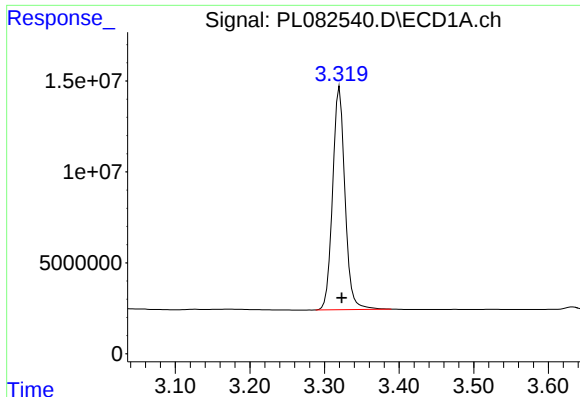
Reviewed By :Abdul Mirza 05/08/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 21:11:17 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





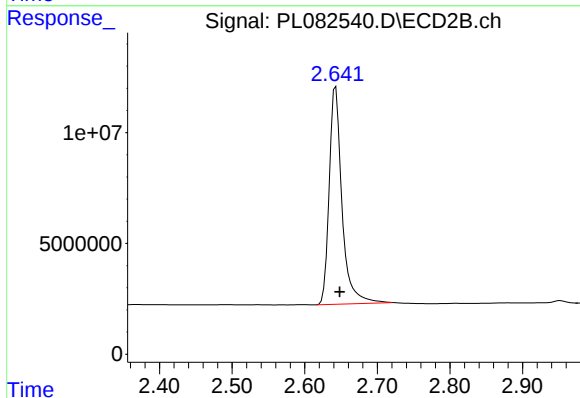
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 141479718
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

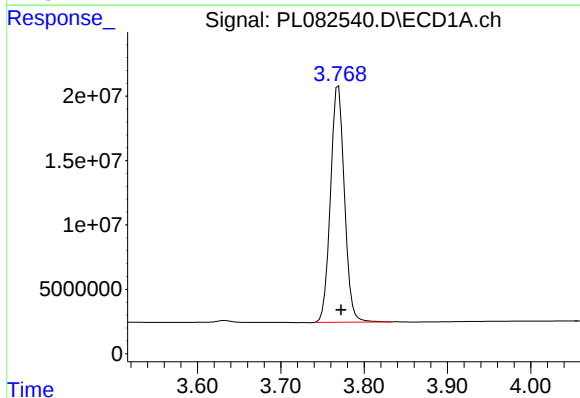
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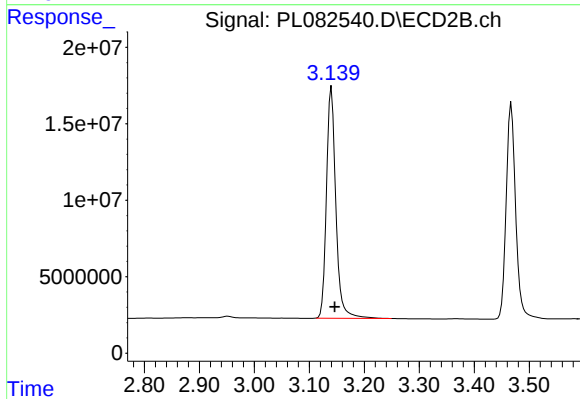
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 120504922
Conc: 52.01 ng/ml



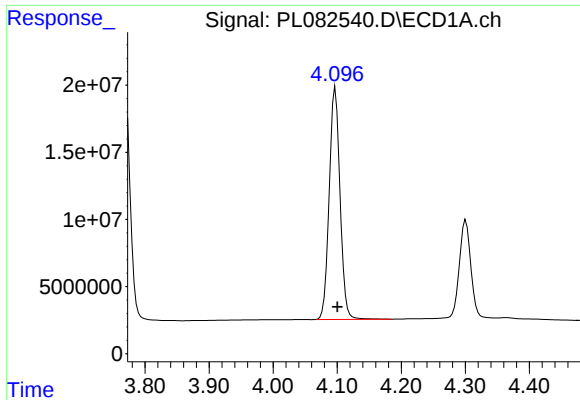
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 213491357
Conc: 53.64 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 179246588
Conc: 52.67 ng/ml



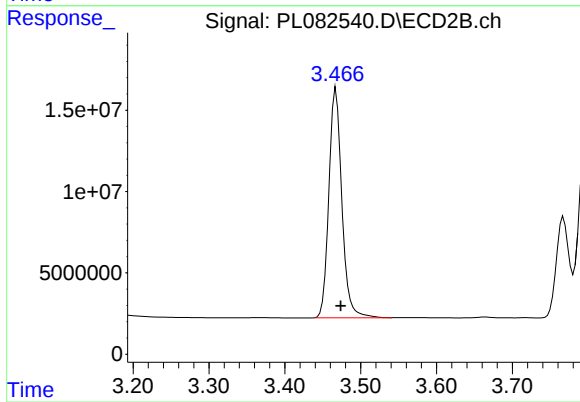
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 202604063
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

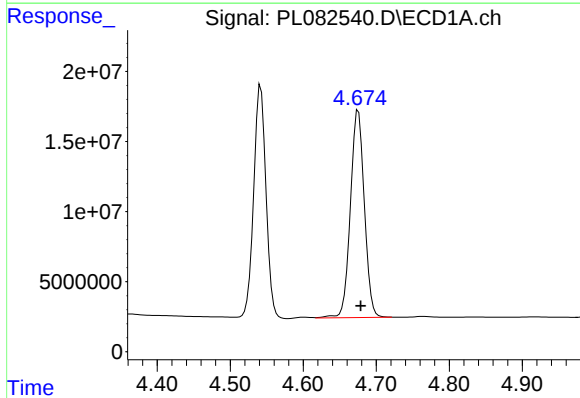
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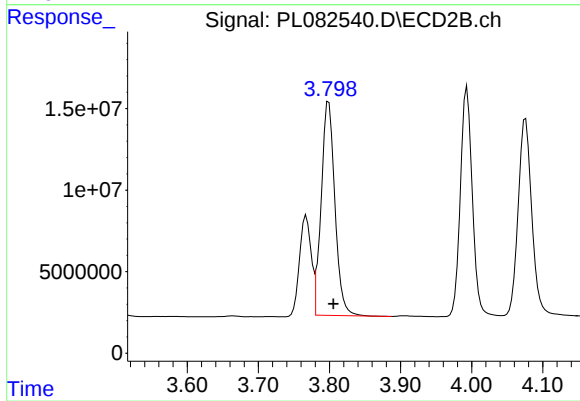
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 168210107
Conc: 52.32 ng/ml



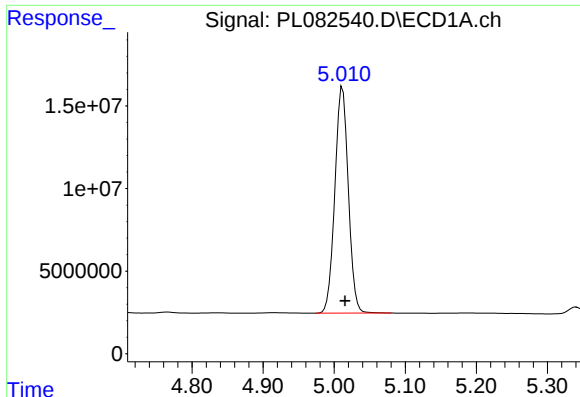
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 196168000
Conc: 53.69 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 175650175
Conc: 51.31 ng/ml



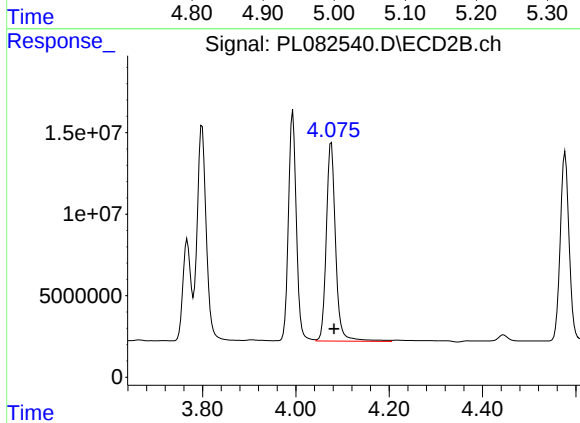
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 180095401
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

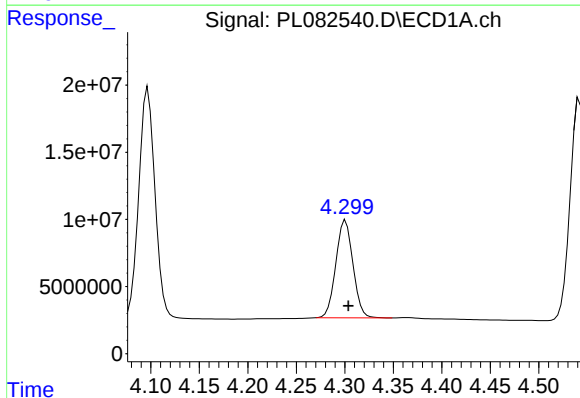
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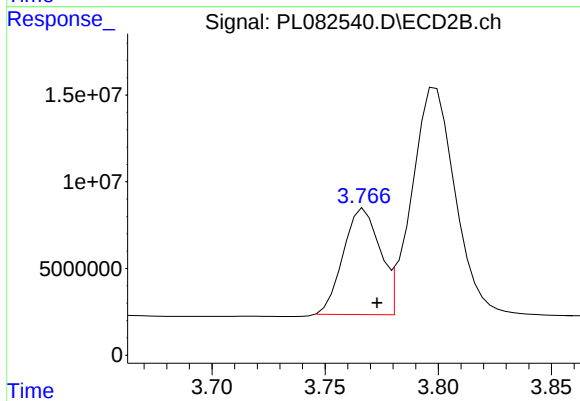
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.006 min
Response: 169100971
Conc: 53.69 ng/ml



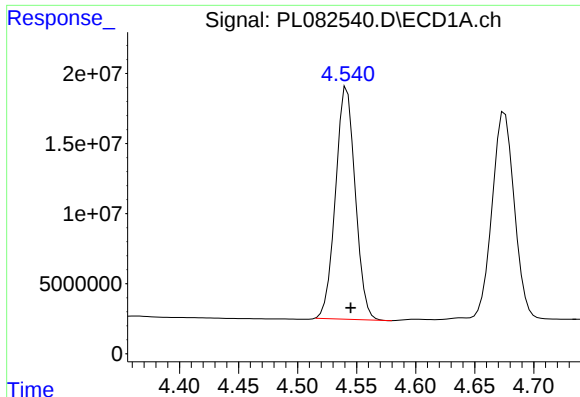
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 89301193
Conc: 52.36 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 68606651
Conc: 50.28 ng/ml



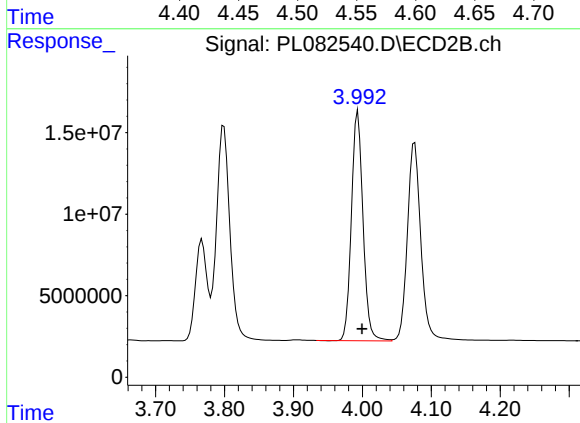
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 192410245
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

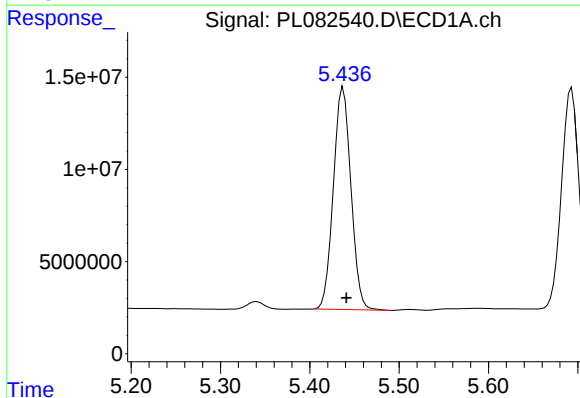
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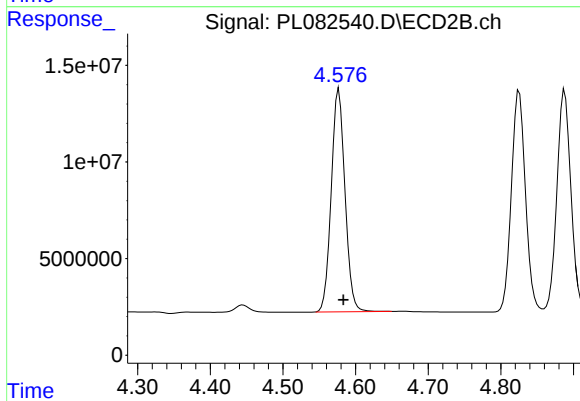
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.006 min
Response: 164424910
Conc: 53.60 ng/ml



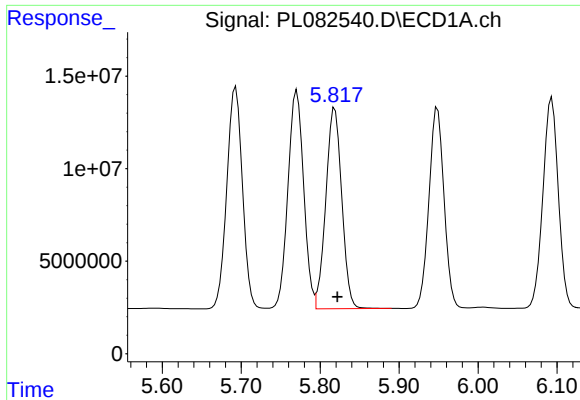
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 164456563
Conc: 53.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 151506106
Conc: 52.59 ng/ml



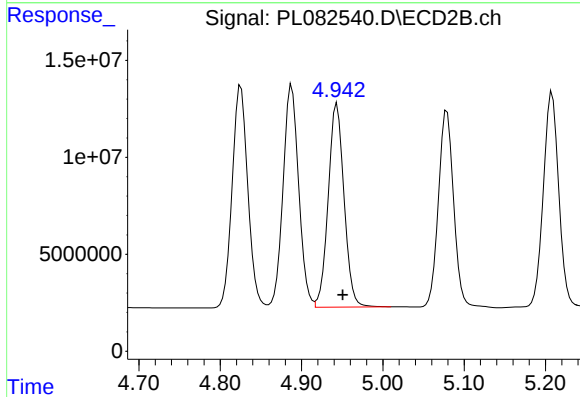
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 152642457
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

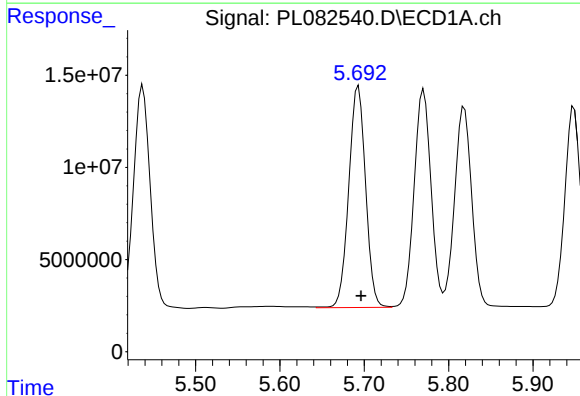
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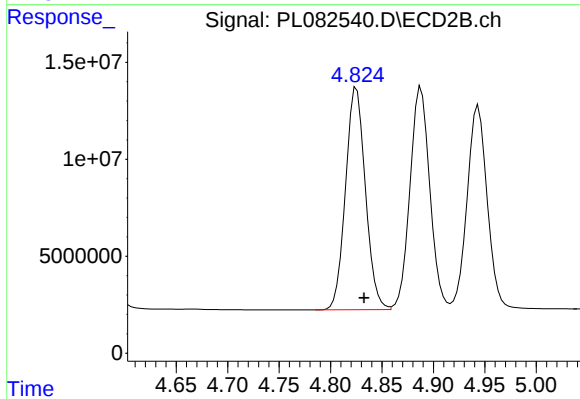
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 142591678
Conc: 53.42 ng/ml



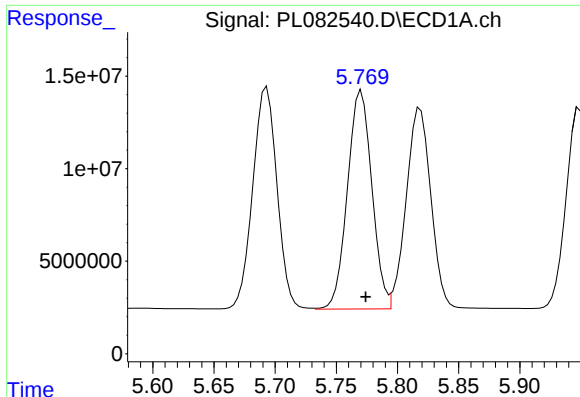
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 166333069
Conc: 55.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 154096106
Conc: 53.10 ng/ml



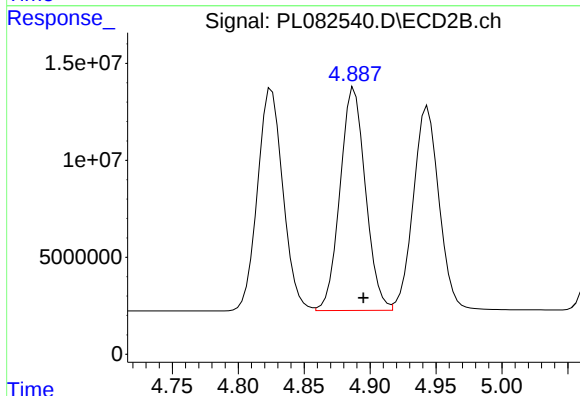
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 163945889
Conc: 54.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

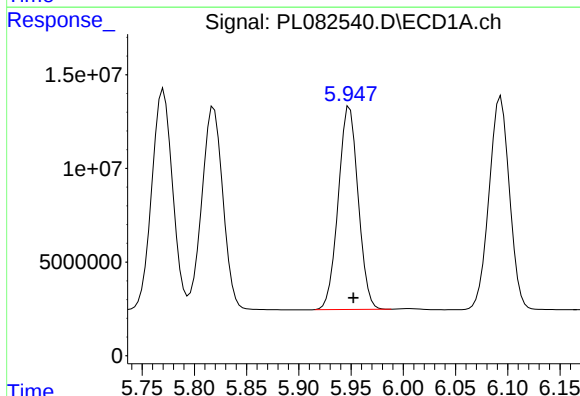
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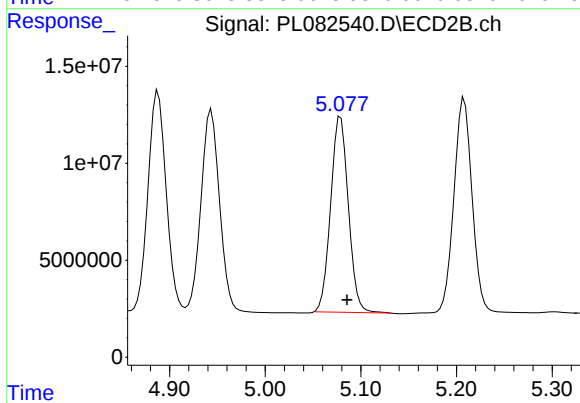
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 154012661
Conc: 53.06 ng/ml



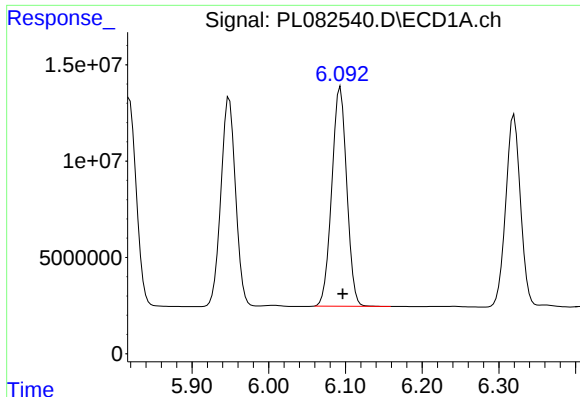
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 143526733
Conc: 56.46 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.007 min
Response: 129489551
Conc: 56.33 ng/ml



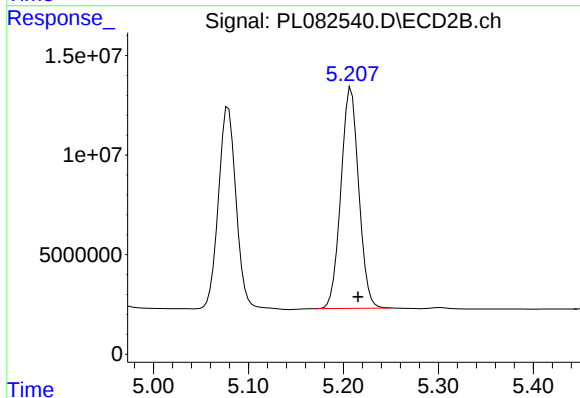
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 153909338
Conc: 55.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

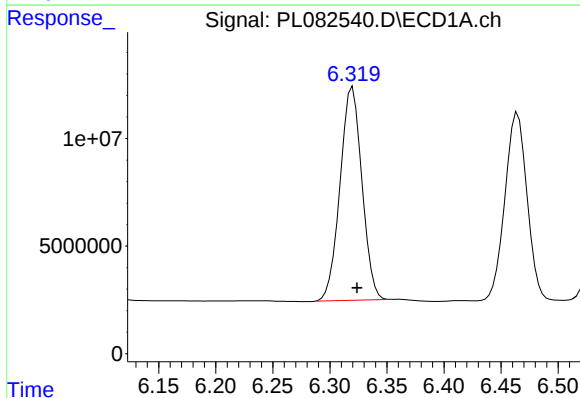
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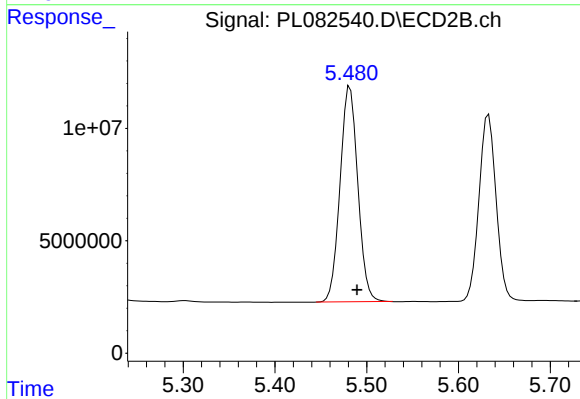
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.009 min
Response: 144945290
Conc: 53.68 ng/ml m



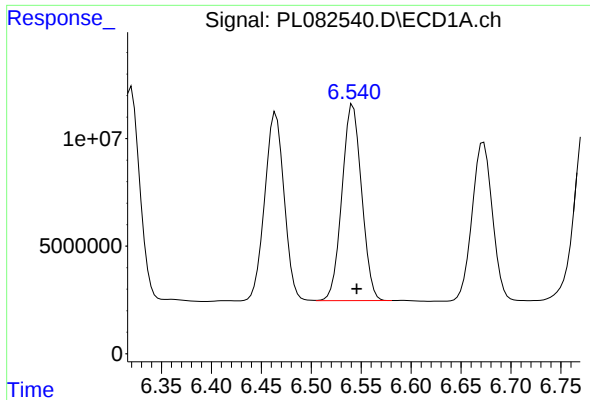
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 132155172
Conc: 54.51 ng/ml



#14 Endrin

R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 128847368
Conc: 52.68 ng/ml m



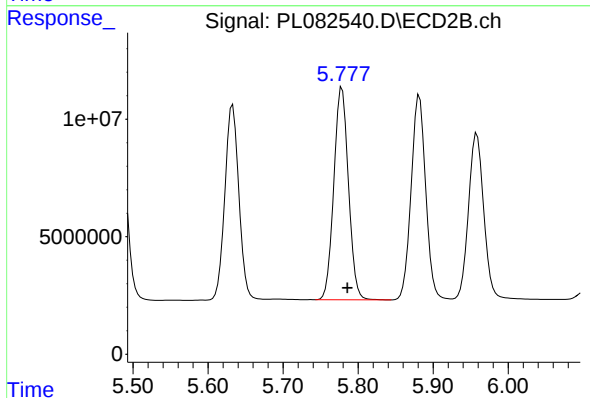
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 124892586
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

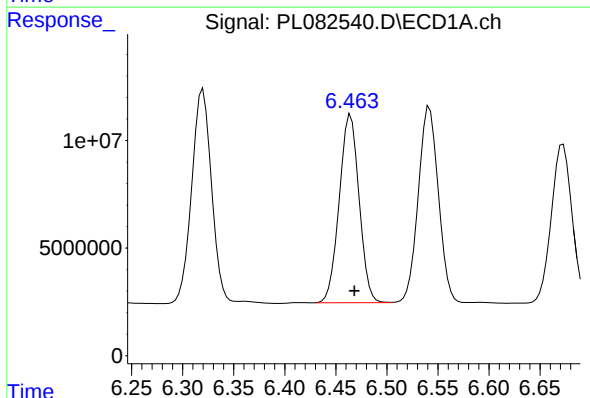
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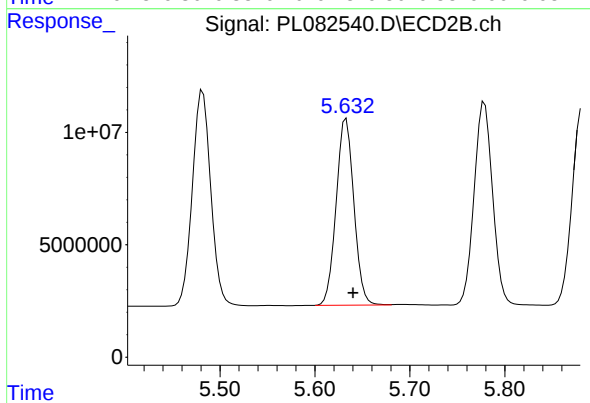
#15 Endosulfan II

R.T.: 5.779 min
Delta R.T.: -0.007 min
Response: 122492107
Conc: 54.34 ng/ml



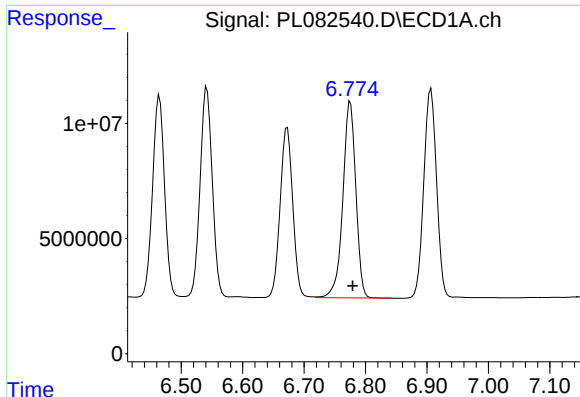
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 118190486
Conc: 58.30 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.007 min
Response: 107772361
Conc: 57.62 ng/ml



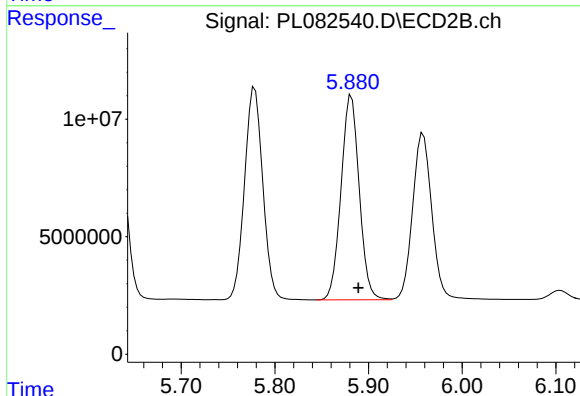
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 124976234
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

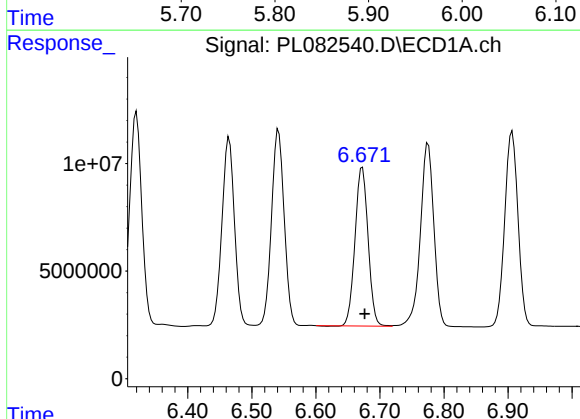
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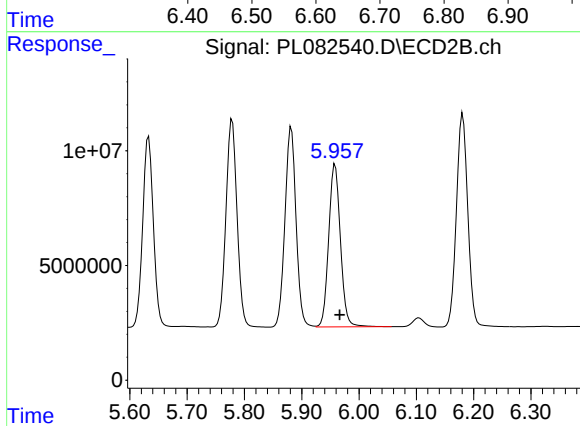
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 117749203
Conc: 55.74 ng/ml



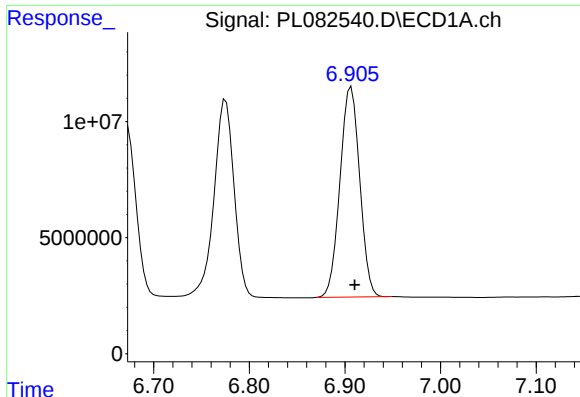
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 104476784
Conc: 55.45 ng/ml



#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 100843524
Conc: 53.89 ng/ml



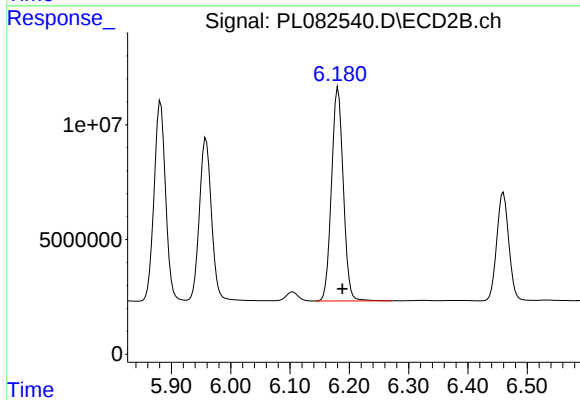
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.004 min
Response: 130245506
Conc: 54.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

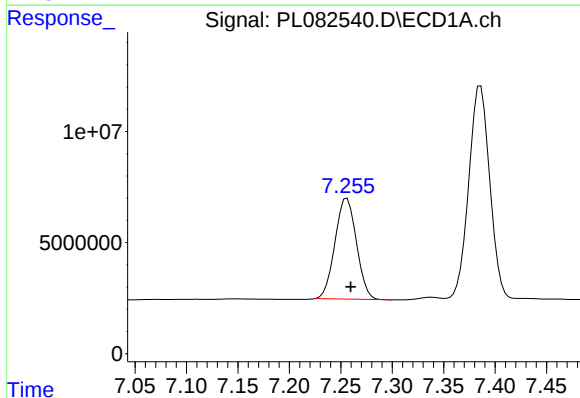
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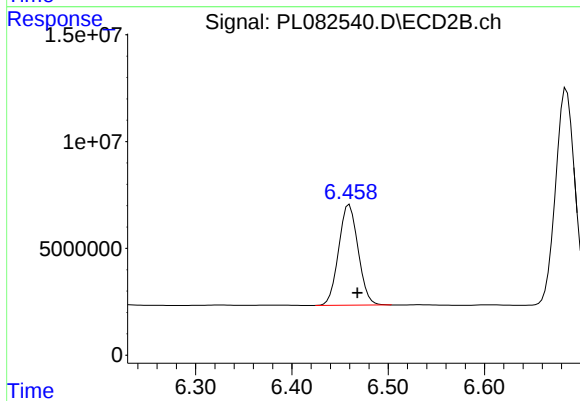
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.008 min
Response: 128067166
Conc: 54.40 ng/ml



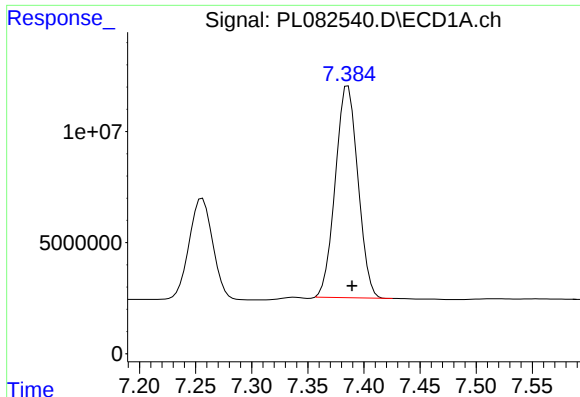
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 65811673
Conc: 53.93 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 66019567
Conc: 54.48 ng/ml m



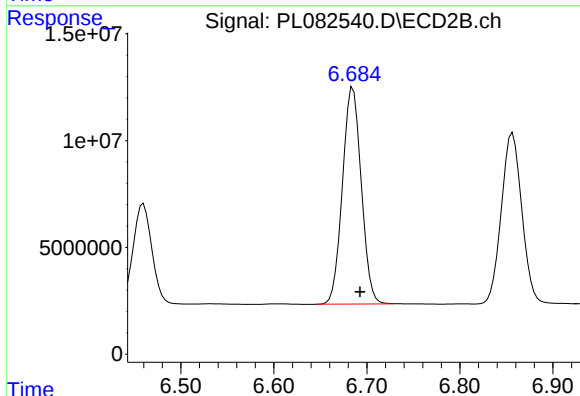
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.004 min
Response: 133598514
Conc: 55.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

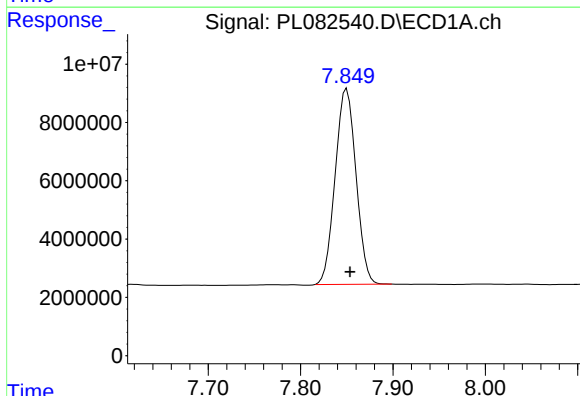
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



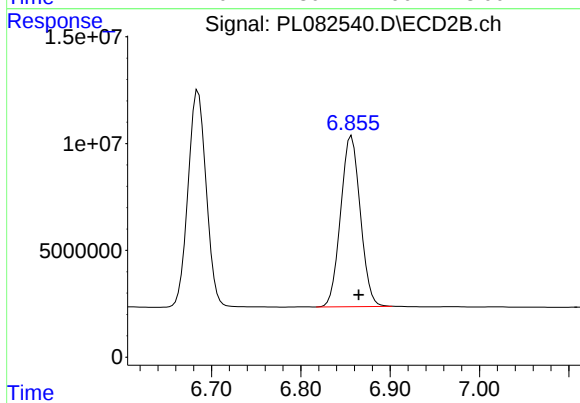
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 142595739
Conc: 56.18 ng/ml m



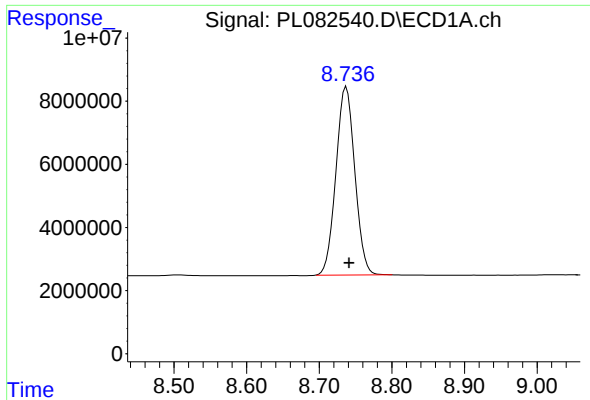
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.004 min
Response: 105275555
Conc: 53.81 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 122109209
Conc: 52.99 ng/ml m



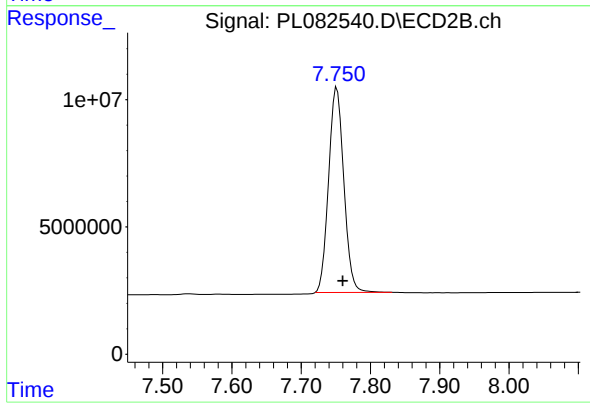
#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: -0.004 min
Response: 107776955
Conc: 56.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/08/2023



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 123127884
Conc: 53.94 ng/ml