

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 09:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2023
 Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 12:56:08 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...	3.325	2.641	140.8E6	119.7E6	52.717	51.660
28)	SA Decachlor...	8.745	7.754	102.5E6	113.6E6	53.691	49.791
Target Compounds							
2)	A alpha-BHC	3.775	3.139	218.0E6	177.6E6	54.776	52.194
3)	MA gamma-BHC...	4.103	3.465	203.1E6	166.2E6	54.329	51.677m
4)	MA Heptachlor	4.681	3.798	197.3E6	174.0E6	53.990	50.839
5)	MB Aldrin	5.018	4.073	180.8E6	161.2E6	54.829	51.170m
6)	B beta-BHC	4.307	3.765	87073475	73704927	51.055	54.020m
7)	B delta-BHC	4.548	3.993	197.5E6	161.0E6	54.894	52.491
8)	B Heptachlo...	5.445	4.576	163.9E6	147.3E6	53.743	51.124
9)	A Endosulfan I	5.825	4.944	151.4E6	139.5E6	54.596	52.266
10)	B gamma-Chl...	5.699	4.825	165.7E6	151.2E6	55.121	52.100
11)	B alpha-Chl...	5.777	4.888	164.3E6	150.3E6	55.046	51.779
12)	B 4,4'-DDE	5.956	5.080	143.3E6	125.5E6	56.384	54.586
13)	MA Dieldrin	6.099	5.207	153.2E6	141.1E6	55.509	52.259m
14)	MA Endrin	6.326	5.481	129.6E6	123.3E6	53.470	50.402m
15)	B Endosulfa...	6.549	5.780	124.6E6	118.6E6	51.193	52.623
16)	A 4,4'-DDD	6.471	5.634	117.9E6	105.0E6	58.143	56.140
17)	MA 4,4'-DDT	6.782	5.882	123.0E6	110.5E6	53.761	52.323
18)	B Endrin al...	6.679	5.960	101.8E6	95425034	54.029	50.992
19)	B Endosulfa...	6.913	6.182	129.8E6	123.1E6	54.725	52.294
20)	A Methoxychlor	7.263	6.461	64384222	61504350	52.760	50.753m
21)	B Endrin ke...	7.392	6.686	134.9E6	136.9E6	56.360	53.943m
22)	Mirex	7.857	6.857	103.9E6	117.2E6	53.086	50.879m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
Data File : PL082574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2023 09:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

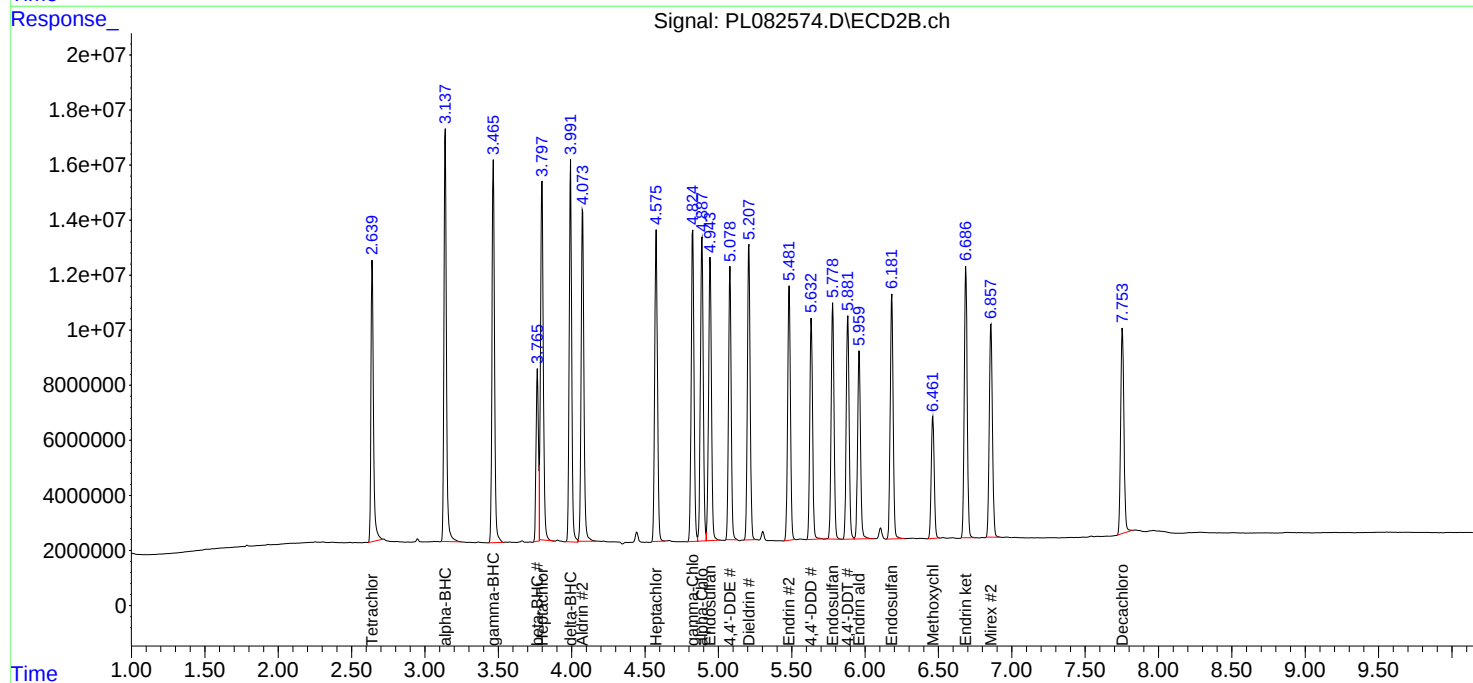
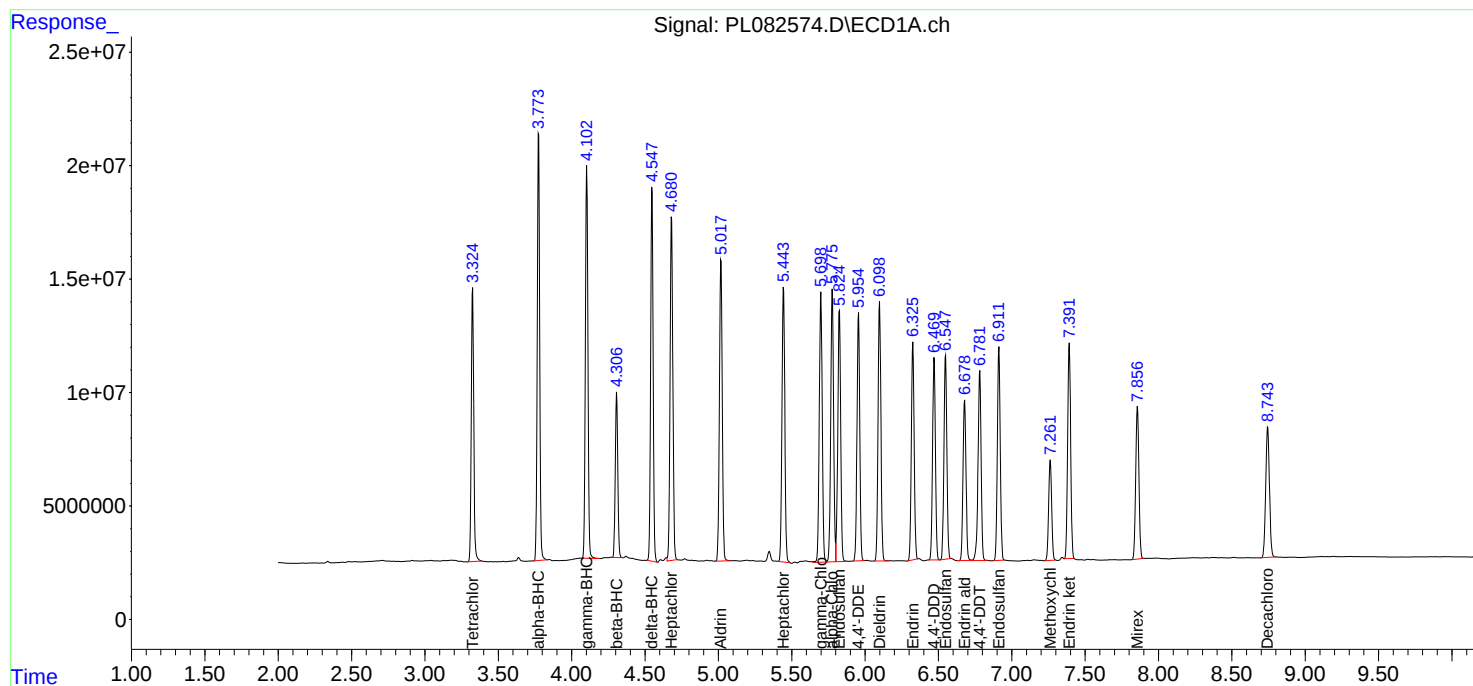
APPROVED

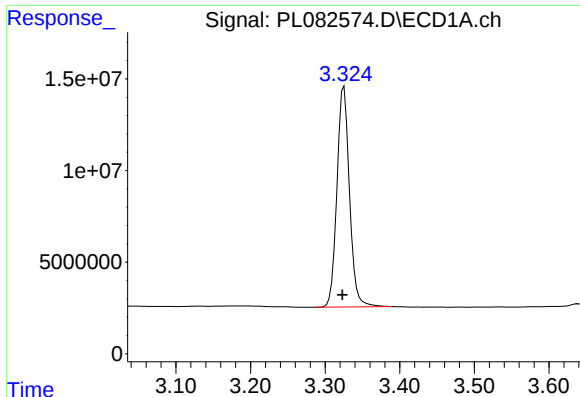
Reviewed By :Abdul Mirza 05/09/2023

Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 12:56:08 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





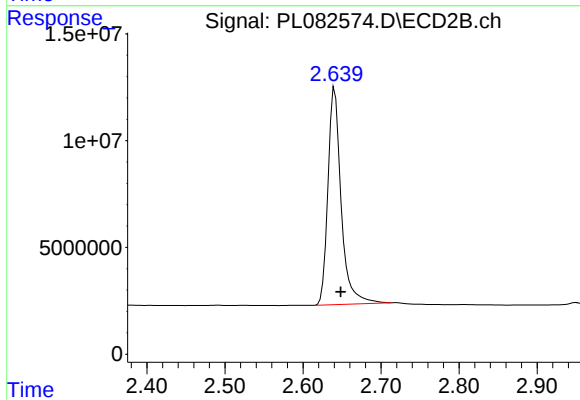
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: 0.002 min
Response: 140818087
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

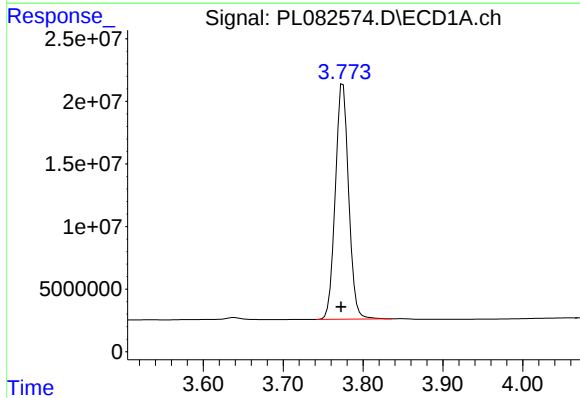
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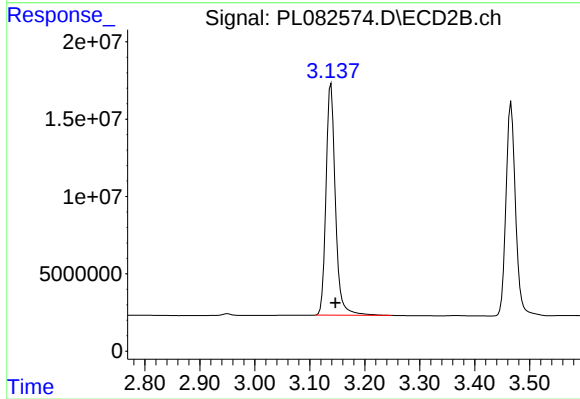
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 119681600
Conc: 51.66 ng/ml



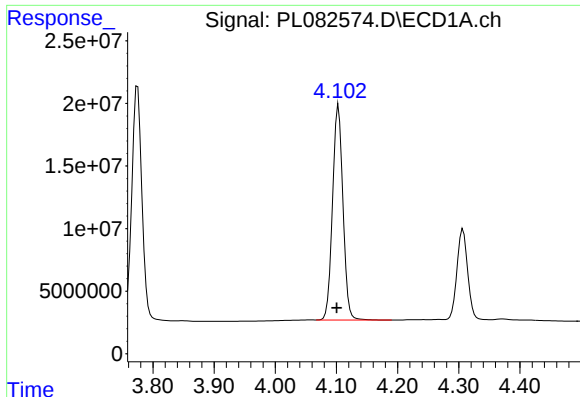
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: 0.003 min
Response: 218023992
Conc: 54.78 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 177641423
Conc: 52.19 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: 0.003 min
Response: 203133176
Conc: 54.33 ng/ml

Instrument :

ECD_L

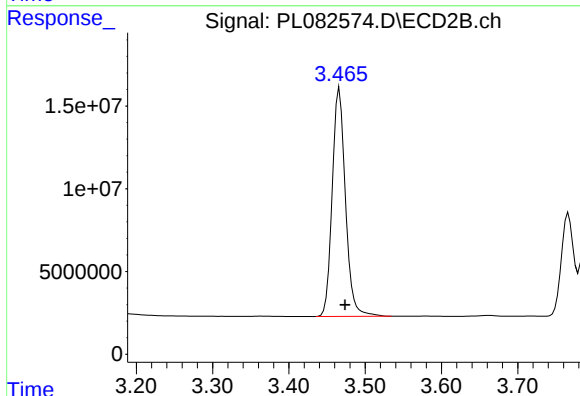
ClientSampleId :

PSTDCCC050

Manual Integrations

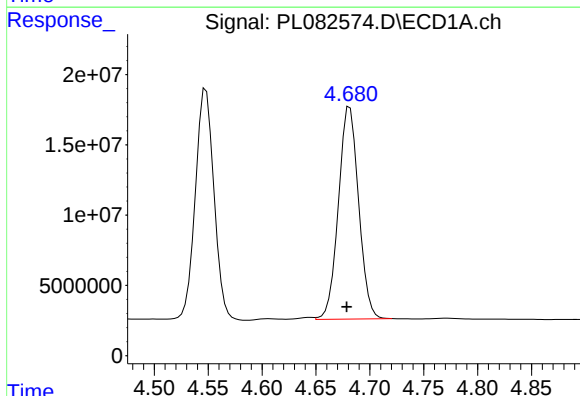
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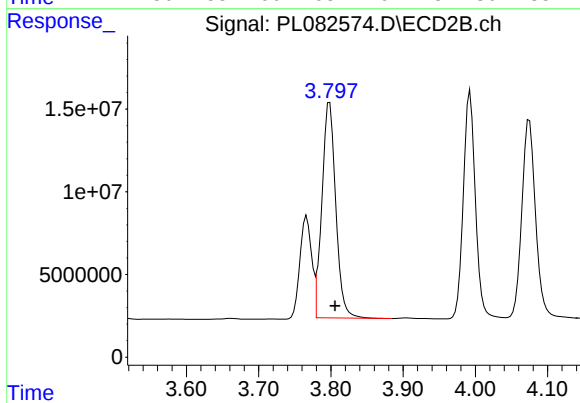
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 166157068
Conc: 51.68 ng/ml m



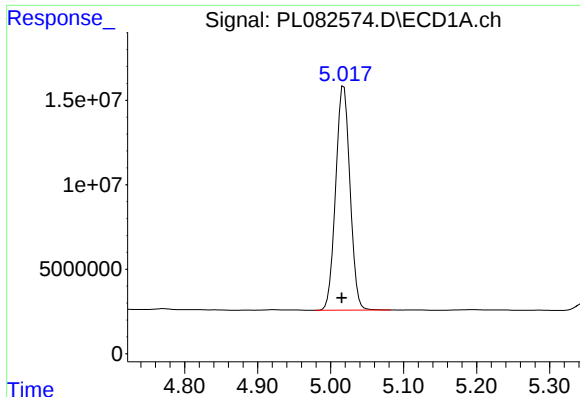
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: 0.003 min
Response: 197275434
Conc: 53.99 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 174032746
Conc: 50.84 ng/ml



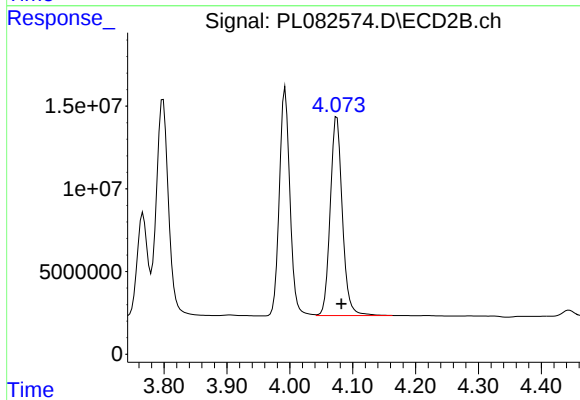
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 180804883
Conc: 54.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

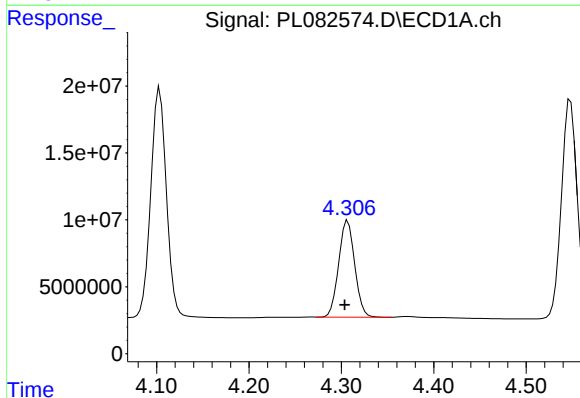
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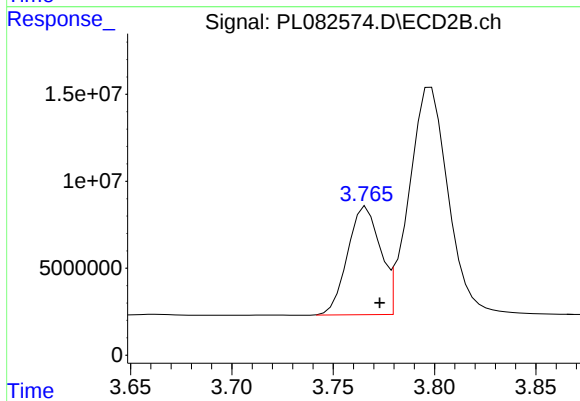
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 161177746
Conc: 51.17 ng/ml m



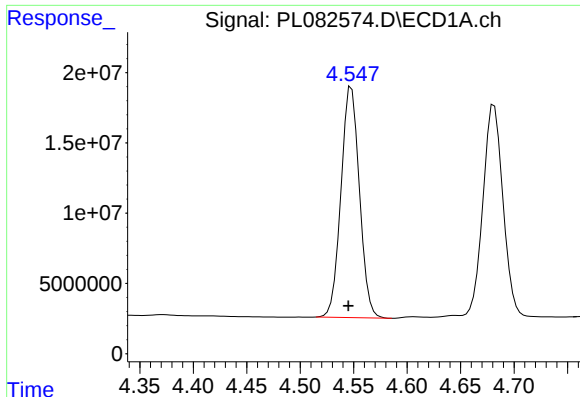
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.003 min
Response: 87073475
Conc: 51.05 ng/ml



#6 beta-BHC

R.T.: 3.765 min
Delta R.T.: -0.008 min
Response: 73704927
Conc: 54.02 ng/ml m



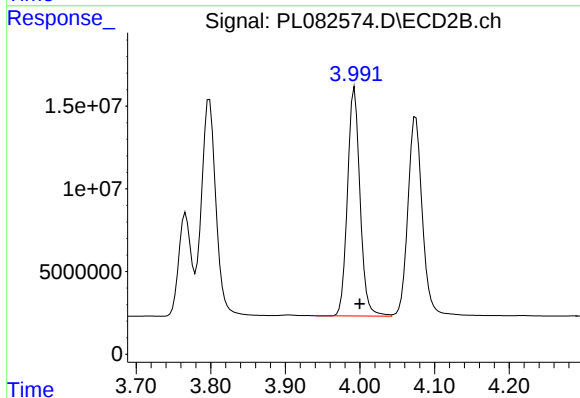
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: 0.003 min
Response: 197496164
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

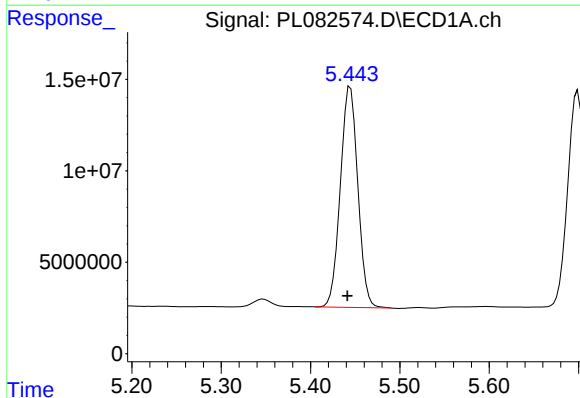
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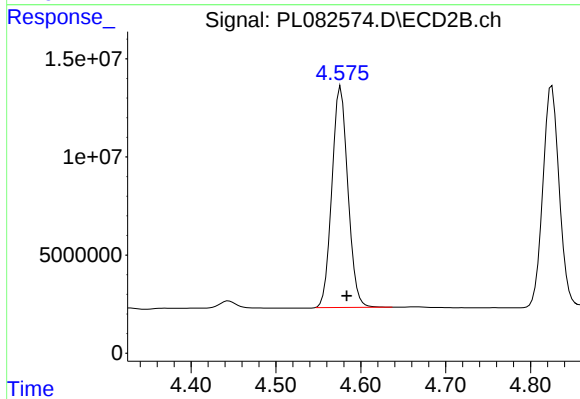
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.007 min
Response: 161011777
Conc: 52.49 ng/ml



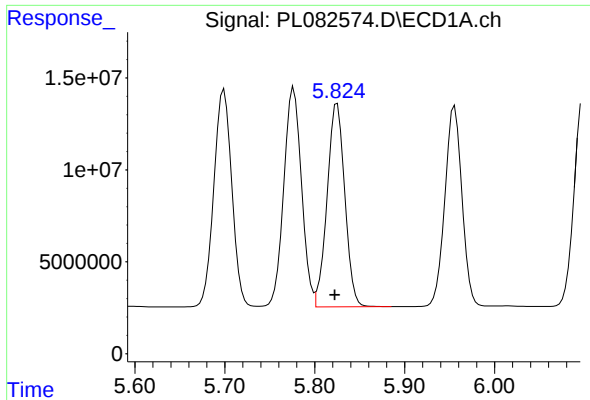
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: 0.003 min
Response: 163935096
Conc: 53.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 147283332
Conc: 51.12 ng/ml



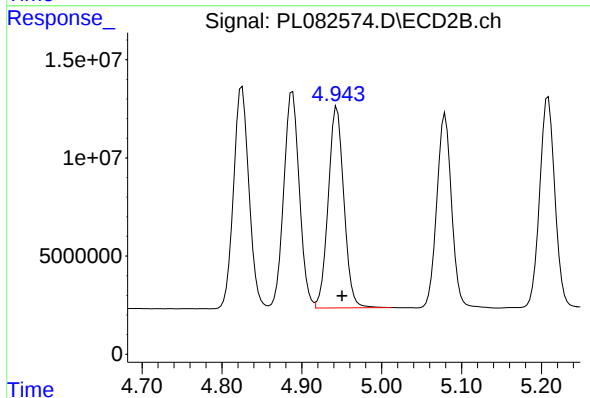
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 151378484
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

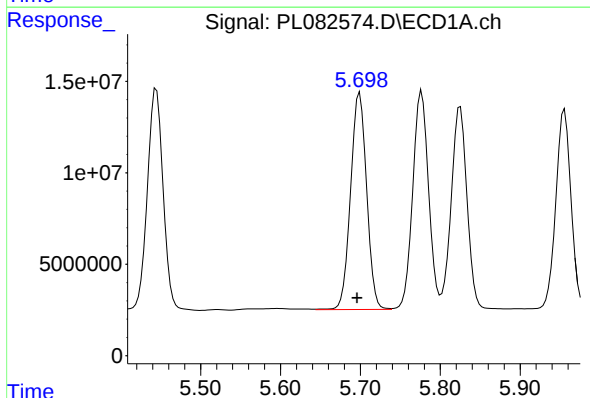
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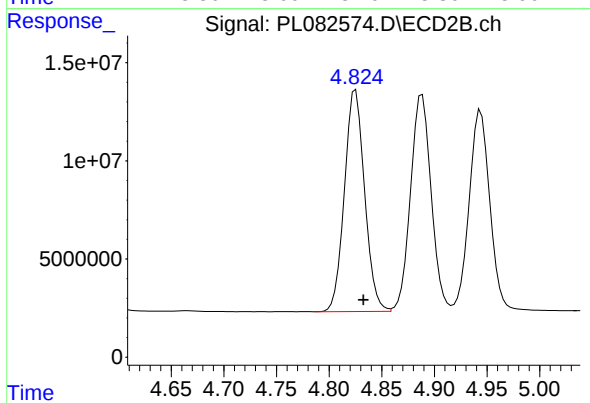
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 139519862
Conc: 52.27 ng/ml



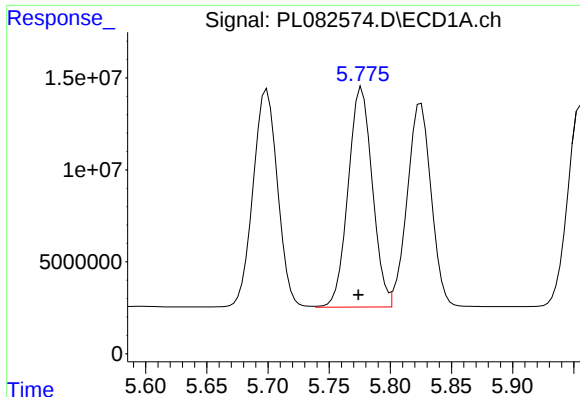
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 165741905
Conc: 55.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 151187001
Conc: 52.10 ng/ml



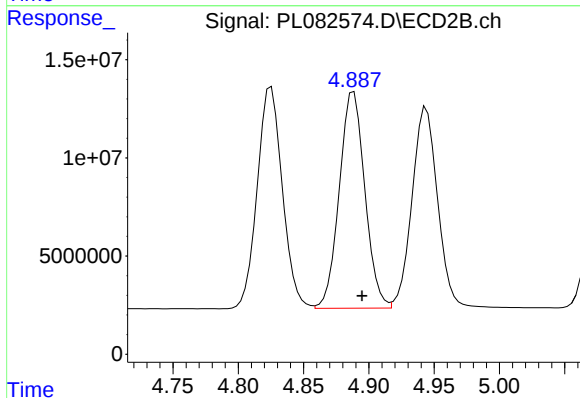
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 164291139
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

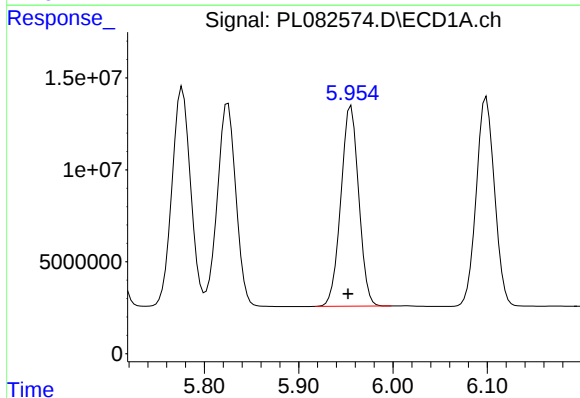
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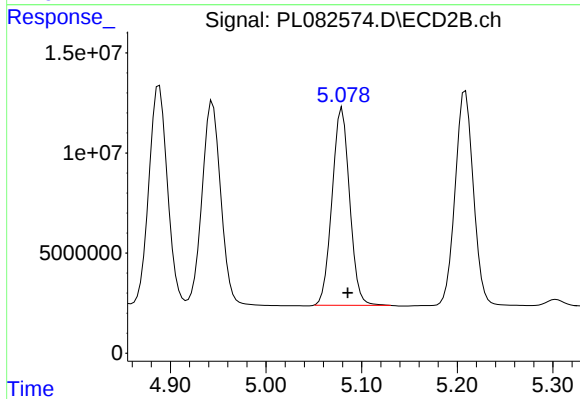
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 150304946
Conc: 51.78 ng/ml



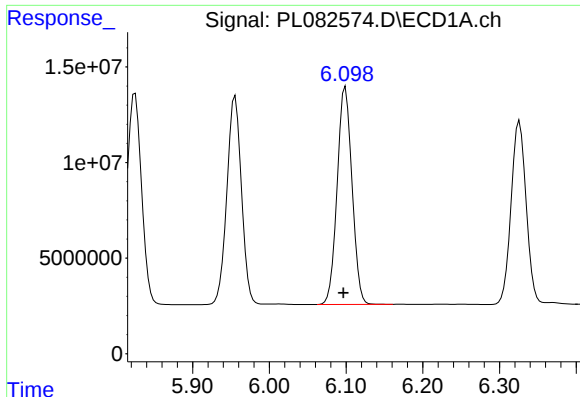
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 143331257
Conc: 56.38 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 125491610
Conc: 54.59 ng/ml



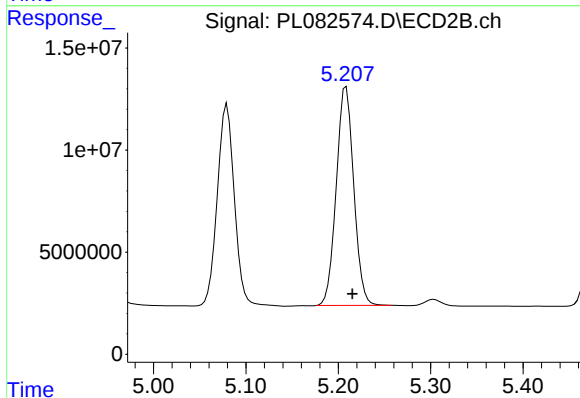
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 153155776
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

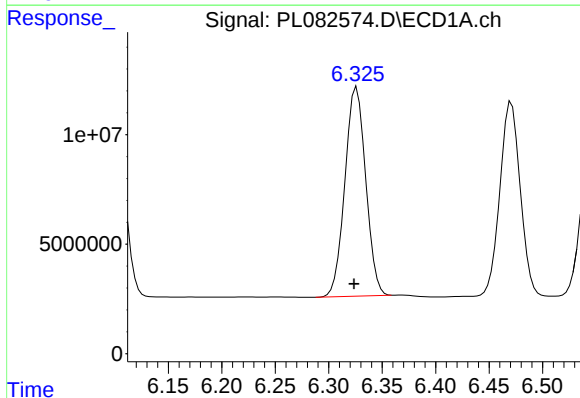
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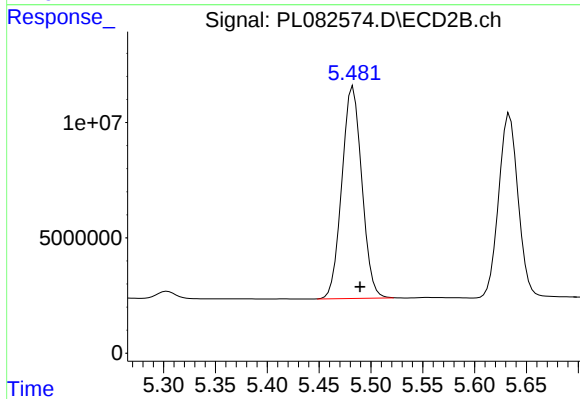
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 141120681
Conc: 52.26 ng/ml m



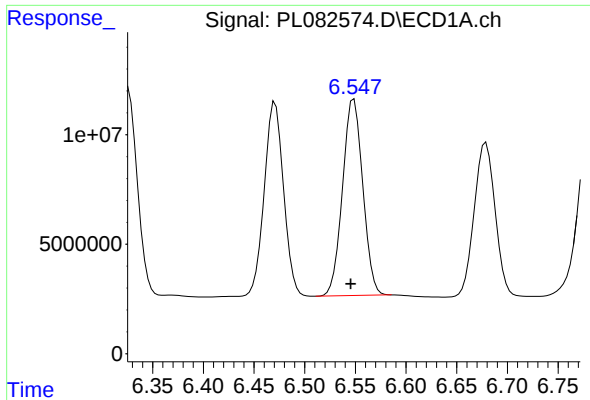
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 129641494
Conc: 53.47 ng/ml



#14 Endrin

R.T.: 5.481 min
Delta R.T.: -0.008 min
Response: 123280448
Conc: 50.40 ng/ml m



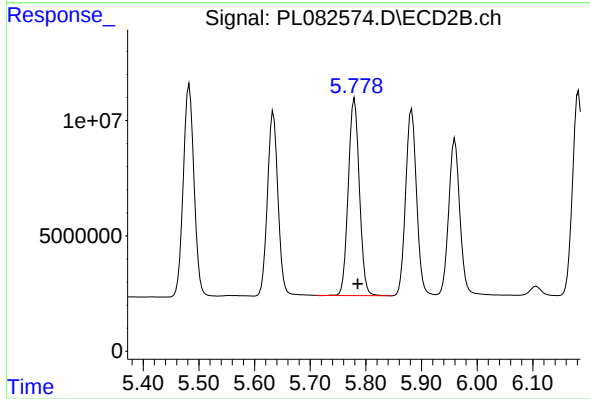
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 124633267
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

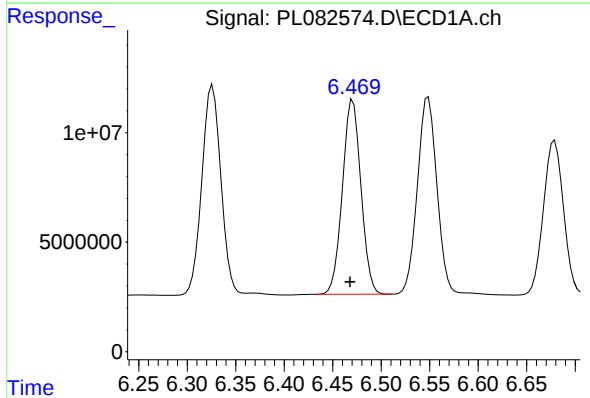
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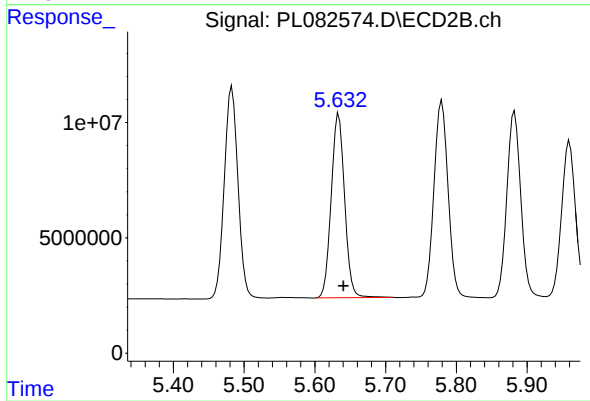
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 118619082
Conc: 52.62 ng/ml



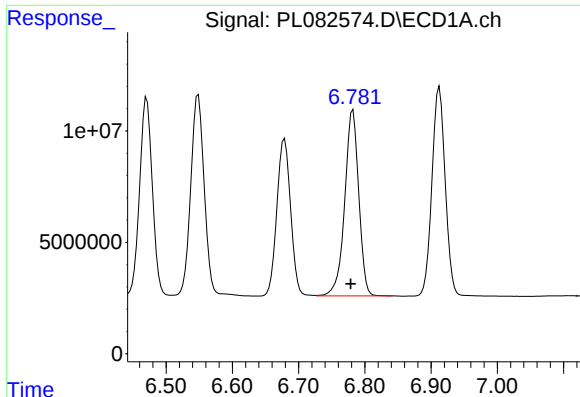
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 117868087
Conc: 58.14 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 105004230
Conc: 56.14 ng/ml



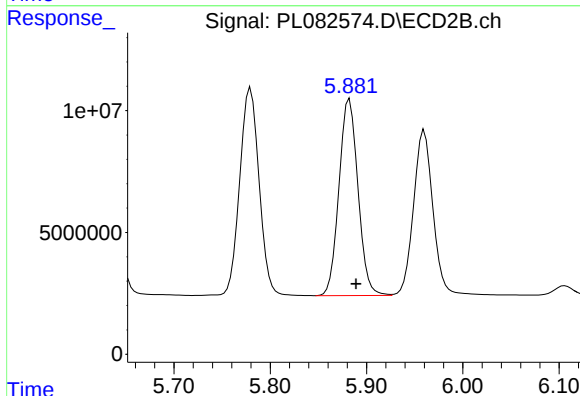
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 122989690
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

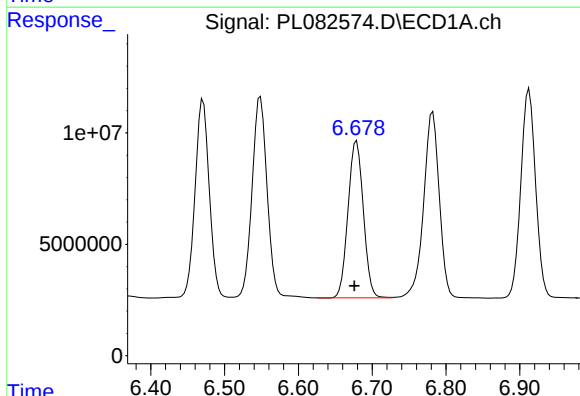
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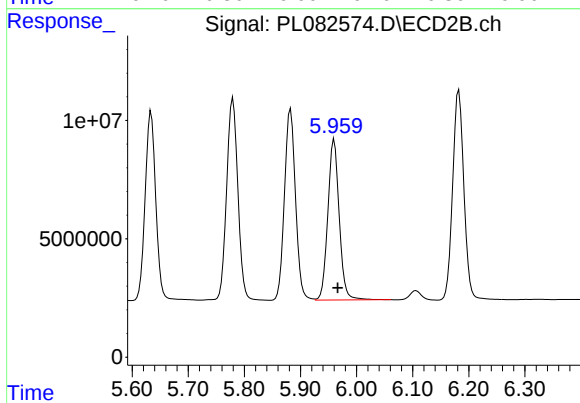
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 110537340
Conc: 52.32 ng/ml



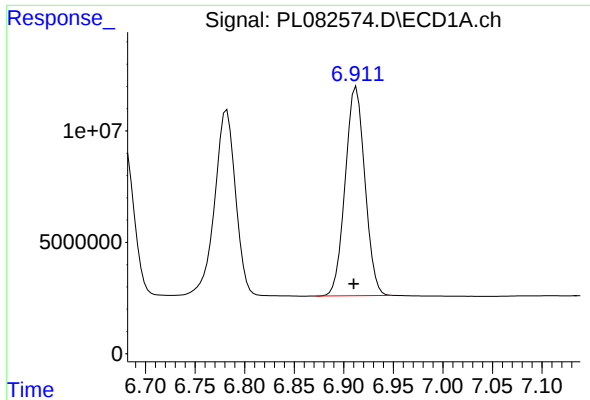
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.003 min
Response: 101800214
Conc: 54.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 95425034
Conc: 50.99 ng/ml



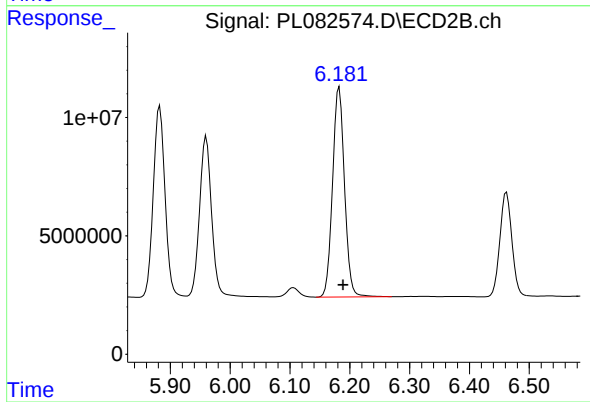
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 129782283
Conc: 54.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

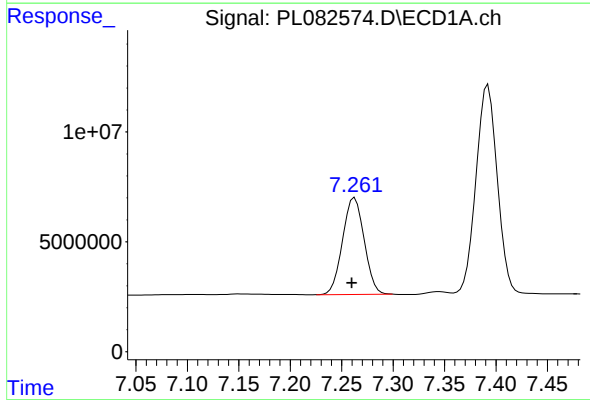
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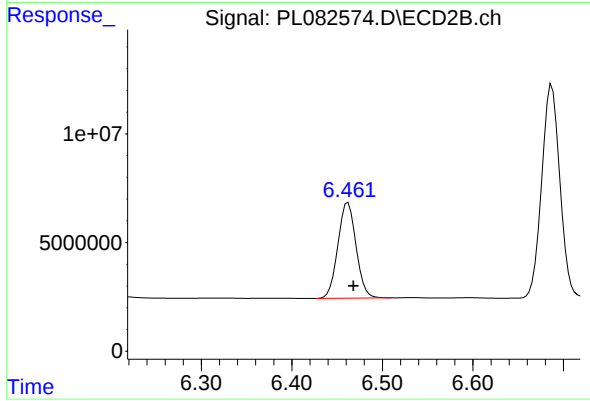
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 123115596
Conc: 52.29 ng/ml



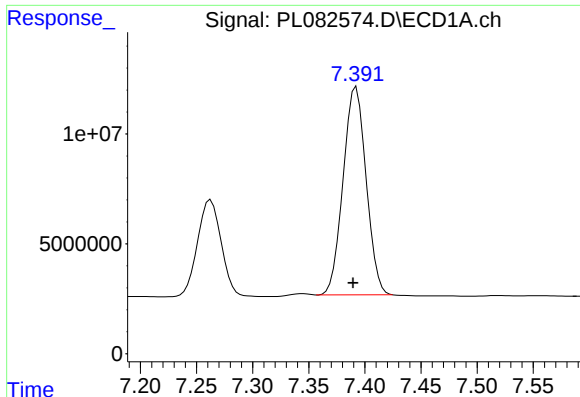
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 64384222
Conc: 52.76 ng/ml



#20 Methoxychlor

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 61504350
Conc: 50.75 ng/ml m



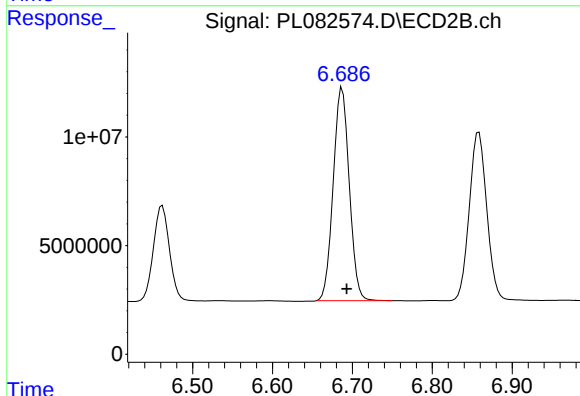
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 134947532
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

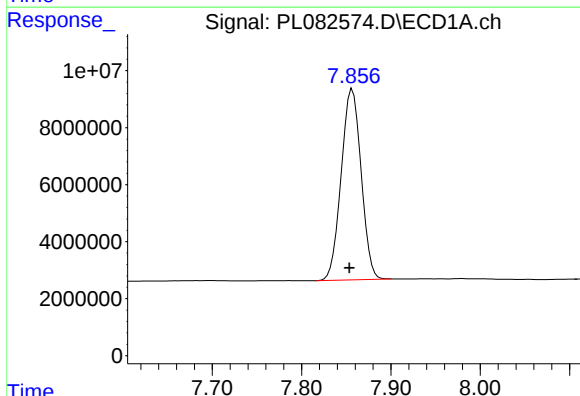
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



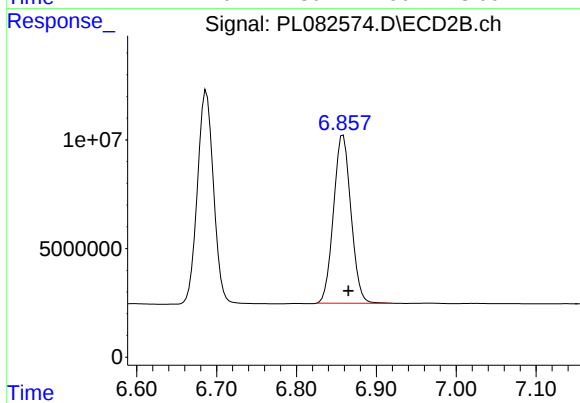
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 136918238
Conc: 53.94 ng/ml m



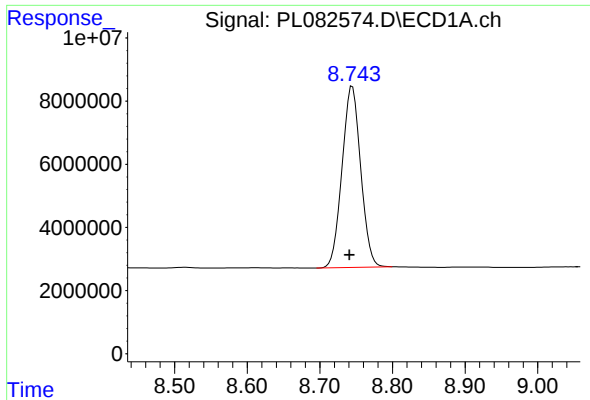
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 103853349
Conc: 53.09 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 117238162
Conc: 50.88 ng/ml m



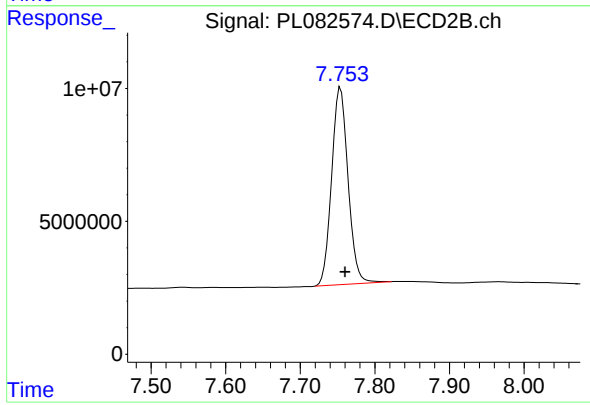
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 102500460
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/09/2023



#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 113647600
Conc: 49.79 ng/ml