

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
 Data File : PL086159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 17:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 17:31:54 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	2.621	131.8E6	41217072	44.310	44.124
28)	SA Decachlor...	8.853	7.771	116.1E6	51105814	53.304	55.370
Target Compounds							
2)	A alpha-BHC	3.809	3.119	192.9E6	56435528	44.951	44.857
3)	MA gamma-BHC...	4.140	3.446	187.1E6	56810196	45.259	46.062
4)	MA Heptachlor	4.727	3.782	176.9E6	53348475	45.740	45.869
5)	MB Aldrin	5.066	4.059	179.8E6	54047834	46.393	48.332
6)	B beta-BHC	4.343	3.748	79925815	25297791	48.334	48.595
7)	B delta-BHC	4.586	3.973	185.4E6	56203571	48.356	48.916
8)	B Heptachlo...	5.494	4.564	157.9E6	50441235	45.767m	50.220
9)	A Endosulfan I	5.878	4.931	144.6E6	47459725	44.698m	44.242
10)	B gamma-Chl...	5.752	4.815	161.6E6	53545060	47.239m	54.065
11)	B alpha-Chl...	5.831	4.879	162.0E6	52852834	47.392m	48.456
12)	B 4,4'-DDE	6.017	5.077	141.8E6	45231804	50.695	55.084m
13)	MA Dieldrin	6.157	5.197	152.8E6	49368347	46.495	50.884
14)	MA Endrin	6.384	5.470	132.3E6	47085291	46.434m	52.375
15)	B Endosulfa...	6.608	5.768	132.9E6	46356920	48.231	48.748
16)	A 4,4'-DDD	6.534	5.634	111.6E6	39005772	55.413m	56.039
17)	MA 4,4'-DDT	6.849	5.885	108.2E6	39693169	45.889m	50.197
18)	B Endrin al...	6.739	5.950	98054761	36949068	48.380	49.549
19)	B Endosulfa...	6.975	6.174	123.6E6	46304349	49.241	51.329
20)	A Methoxychlor	7.336	6.469	60763272	24907740	43.507	47.346
21)	B Endrin ke...	7.457	6.676	133.4E6	55444321	46.326	48.237
22)	Mirex	7.929	6.852	104.7E6	46625717	47.297	49.435

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
Data File : PL086159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 17:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

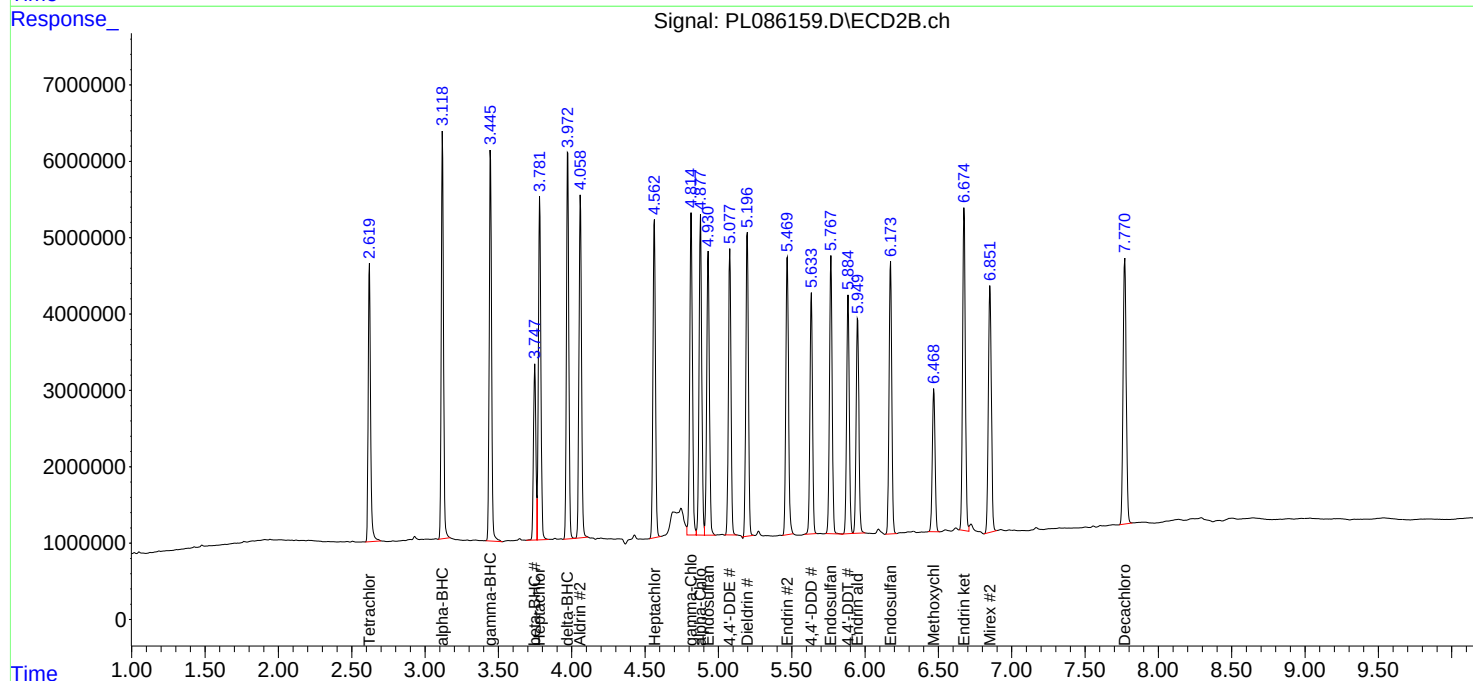
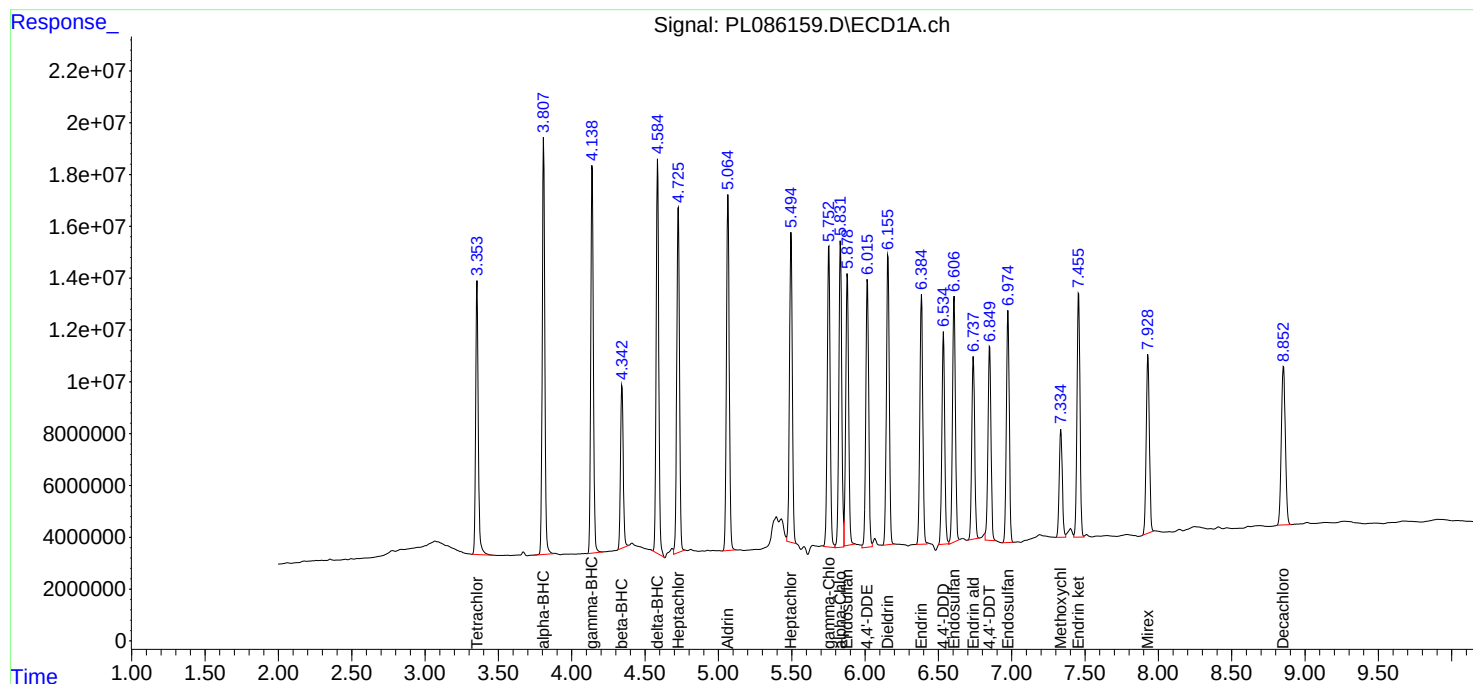
APPROVED

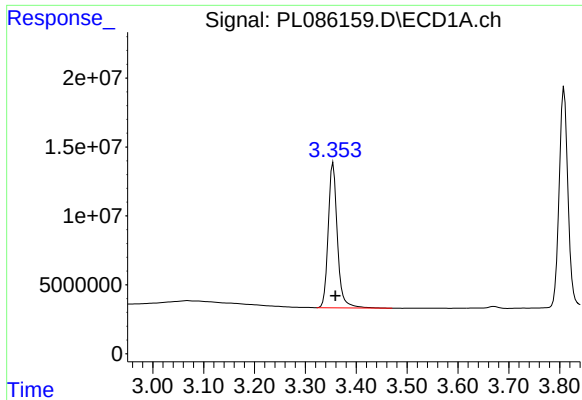
Reviewed By :Abdul Mirza 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 17:31:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





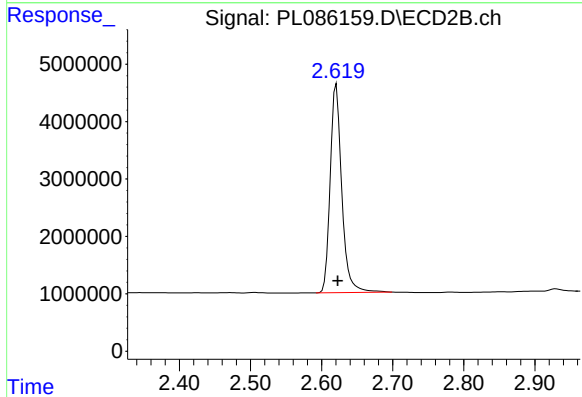
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 131784732
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

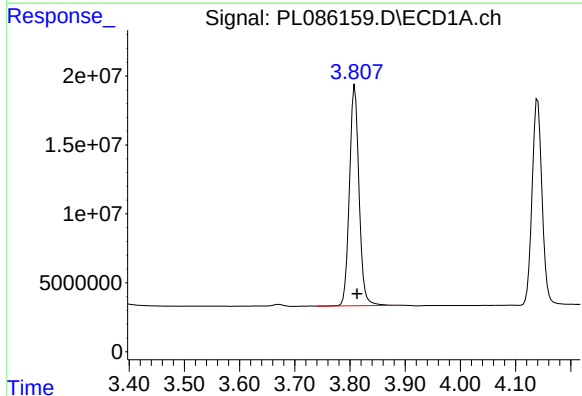
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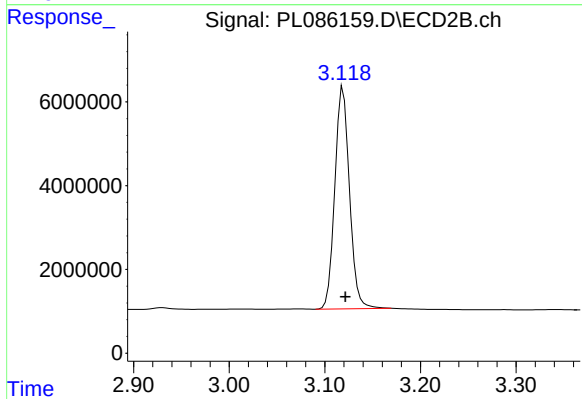
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 41217072
Conc: 44.12 ng/ml



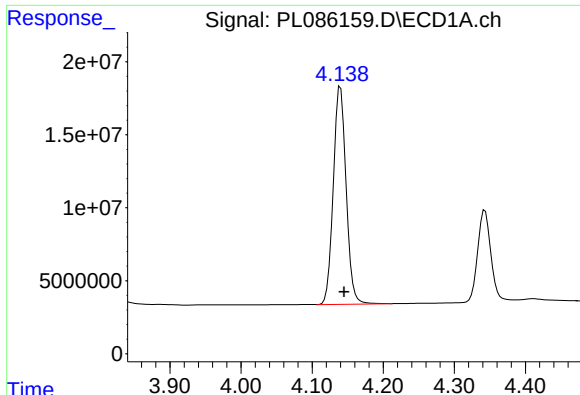
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 192925978
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 56435528
Conc: 44.86 ng/ml



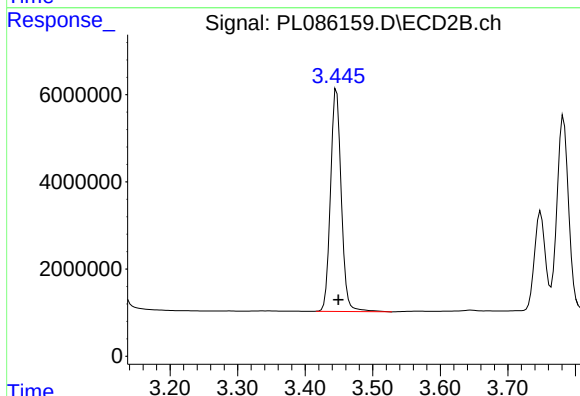
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 187068294
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

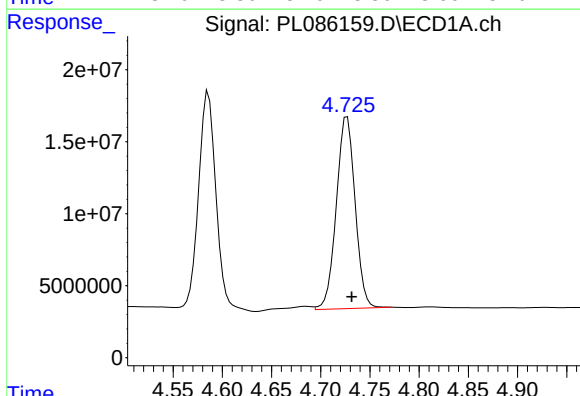
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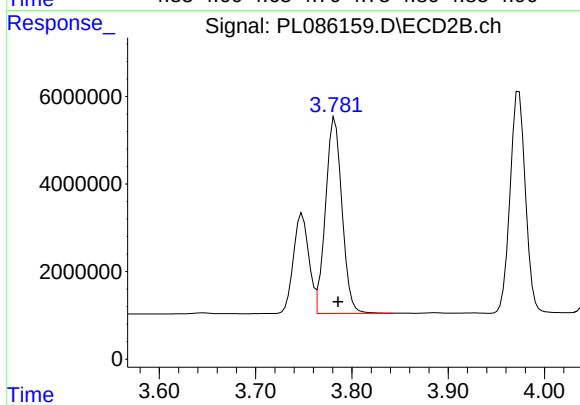
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 56810196
Conc: 46.06 ng/ml



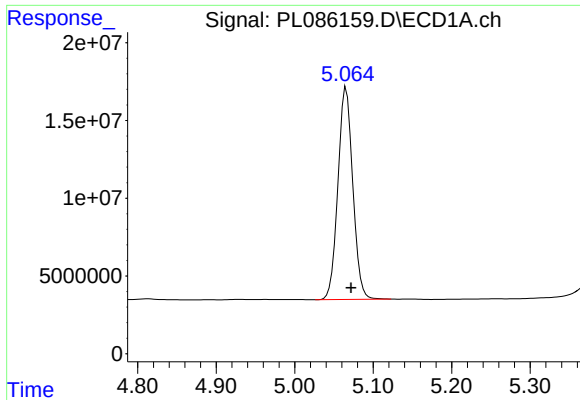
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 176906651
Conc: 45.74 ng/ml



#4 Heptachlor

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 53348475
Conc: 45.87 ng/ml



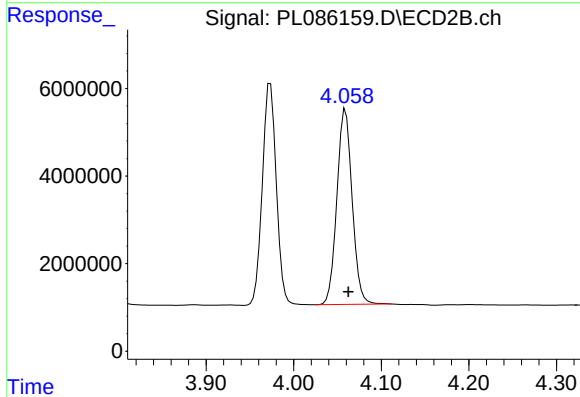
#5 Aldrin

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 179836066
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

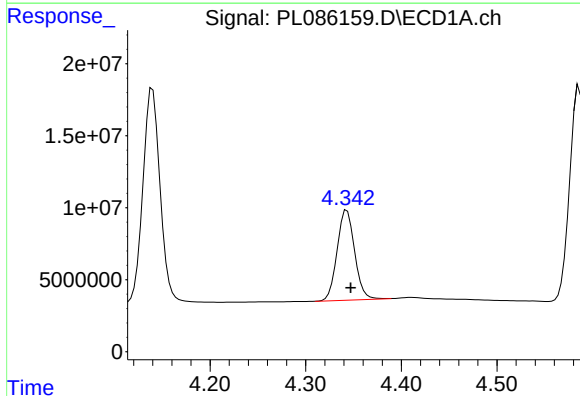
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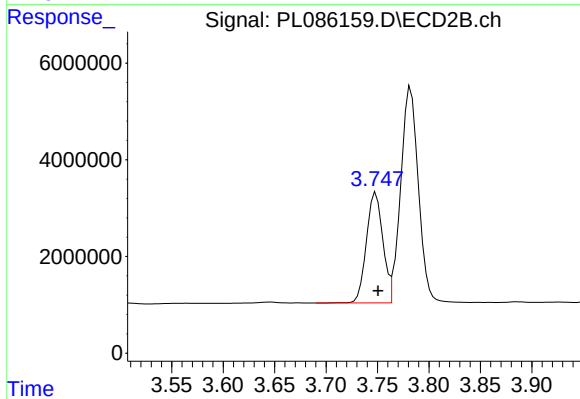
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 54047834
Conc: 48.33 ng/ml



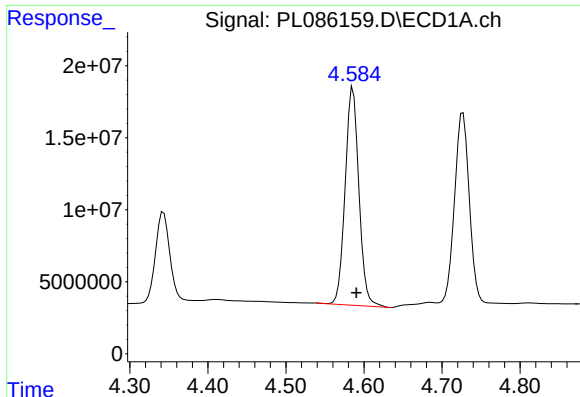
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 79925815
Conc: 48.33 ng/ml



#6 beta-BHC

R.T.: 3.748 min
Delta R.T.: -0.002 min
Response: 25297791
Conc: 48.59 ng/ml



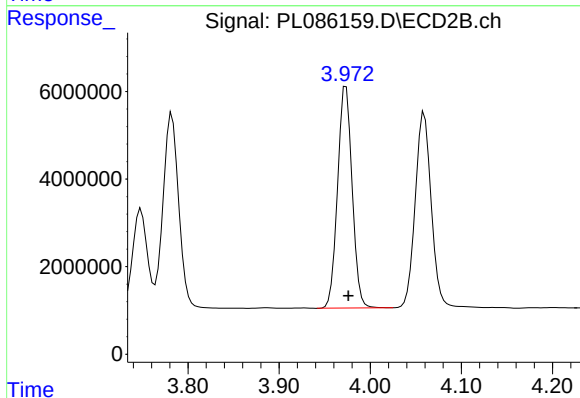
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 185416517
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

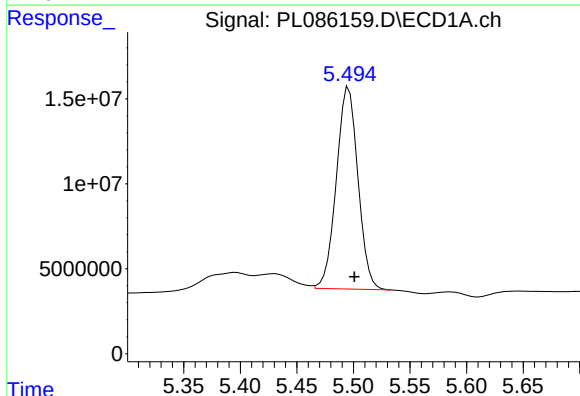
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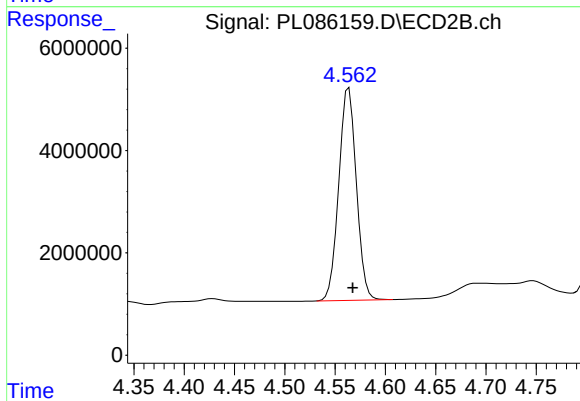
#7 delta-BHC

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 56203571
Conc: 48.92 ng/ml



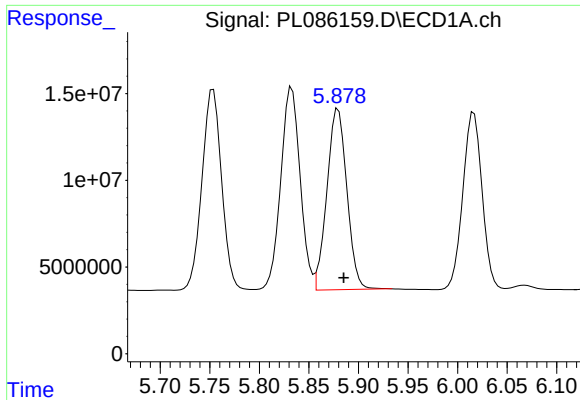
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: -0.006 min
Response: 157889671
Conc: 45.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 50441235
Conc: 50.22 ng/ml



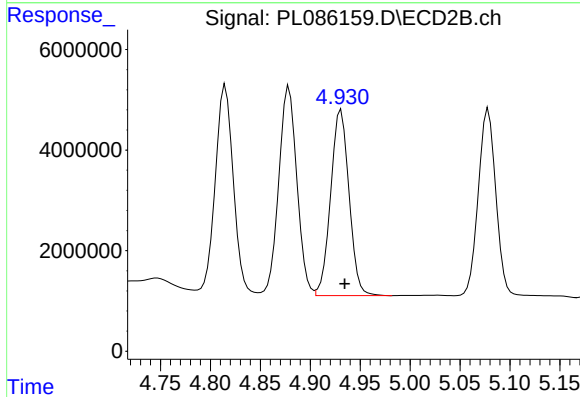
#9 Endosulfan I

R.T.: 5.878 min
Delta R.T.: -0.007 min
Response: 144553519
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

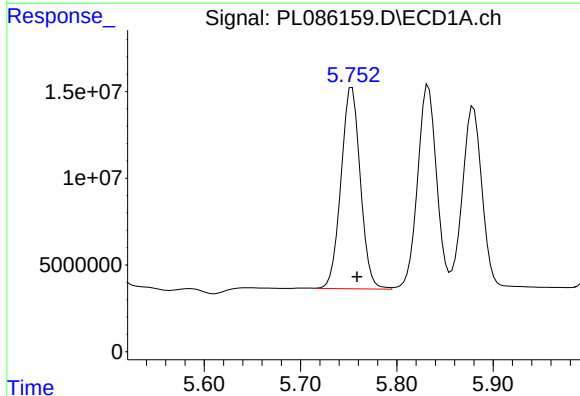
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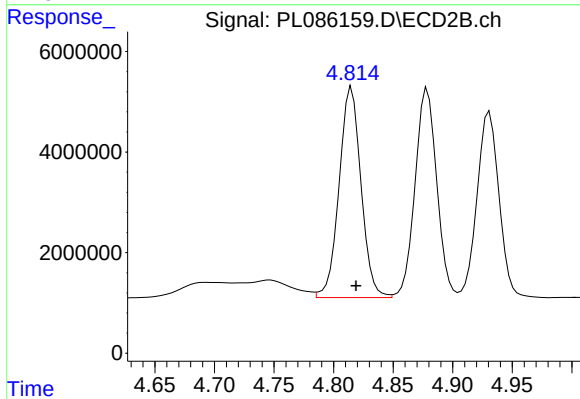
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.004 min
Response: 47459725
Conc: 44.24 ng/ml



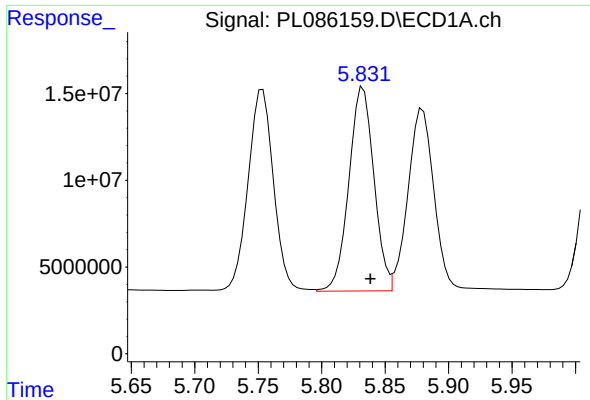
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: -0.007 min
Response: 161623240
Conc: 47.24 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 53545060
Conc: 54.06 ng/ml



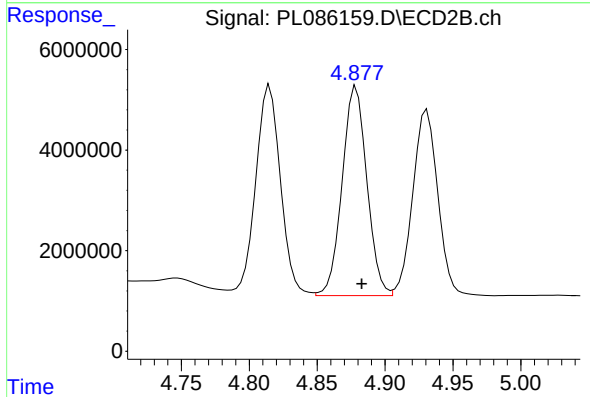
#11 alpha-Chlordane

R.T.: 5.831 min
Delta R.T.: -0.007 min
Response: 161969341
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

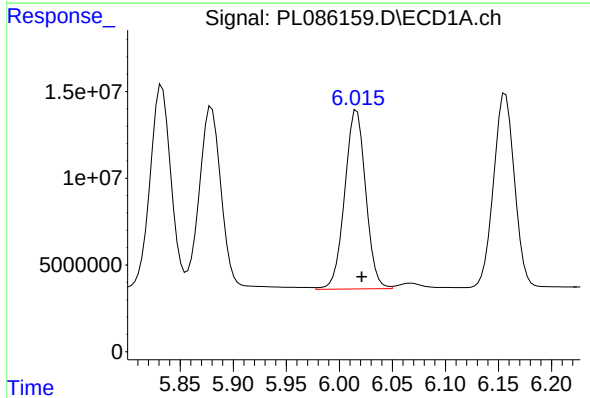
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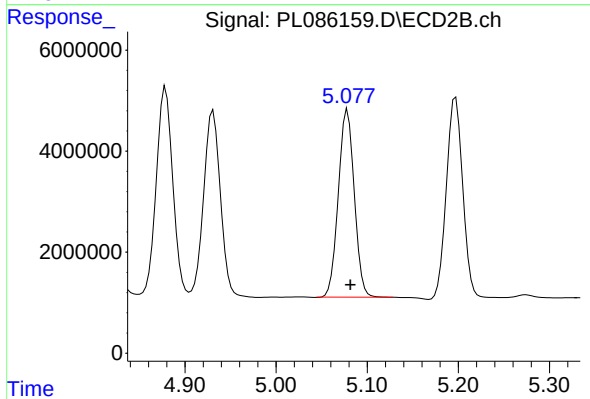
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.004 min
Response: 52852834
Conc: 48.46 ng/ml



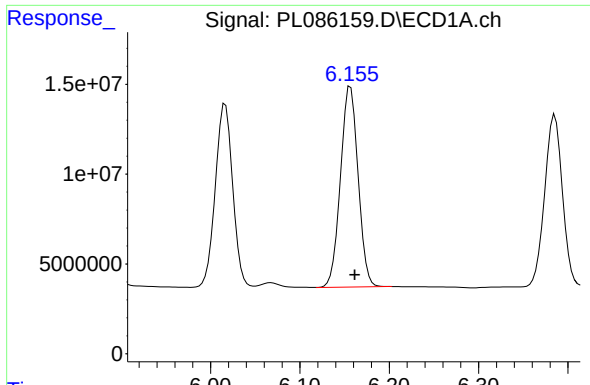
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.005 min
Response: 141771066
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 45231804
Conc: 55.08 ng/ml m



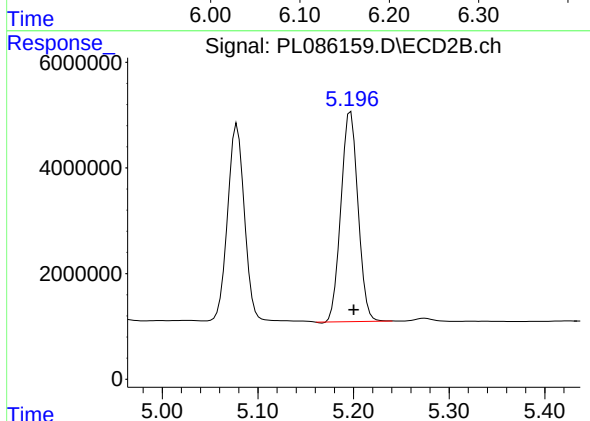
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.005 min
Response: 152781212
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

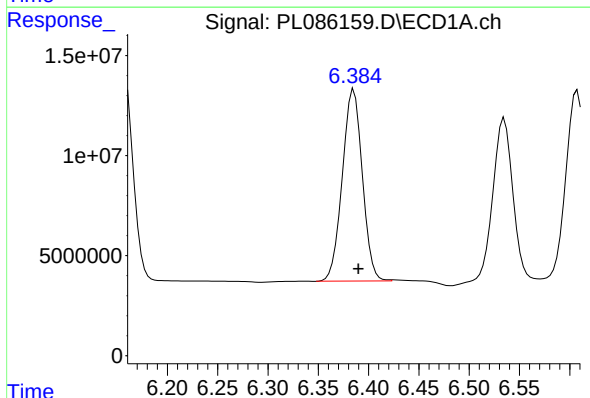
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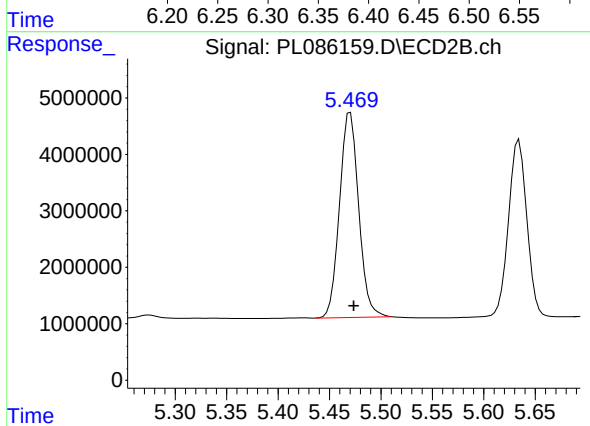
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 49368347
Conc: 50.88 ng/ml



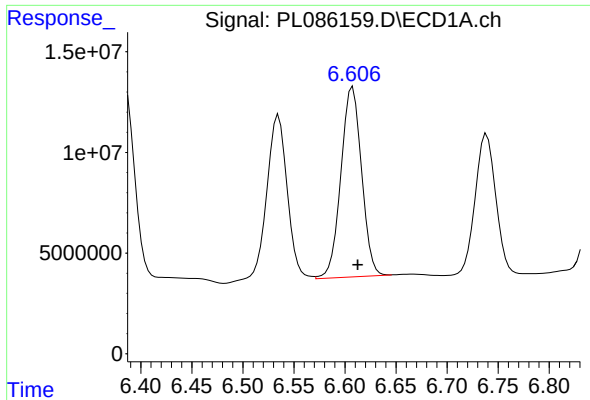
#14 Endrin

R.T.: 6.384 min
Delta R.T.: -0.006 min
Response: 132324908
Conc: 46.43 ng/ml m



#14 Endrin

R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 47085291
Conc: 52.37 ng/ml



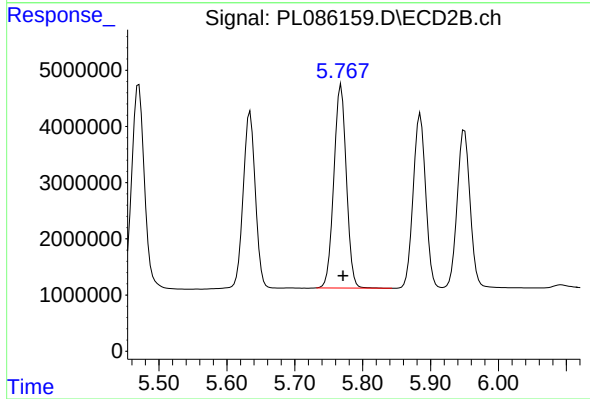
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: -0.005 min
Response: 132900815
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

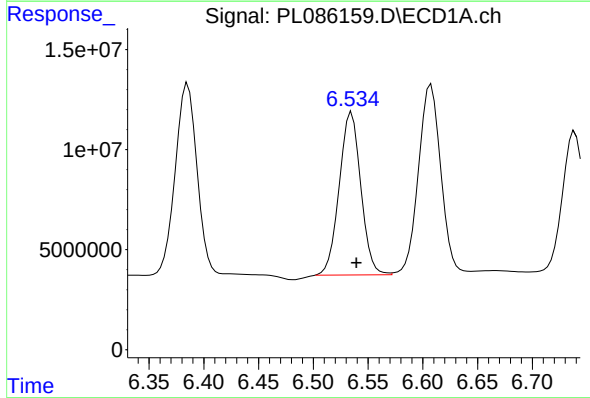
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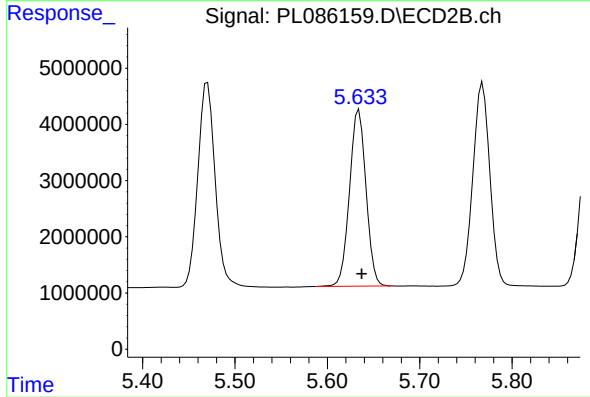
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 46356920
Conc: 48.75 ng/ml



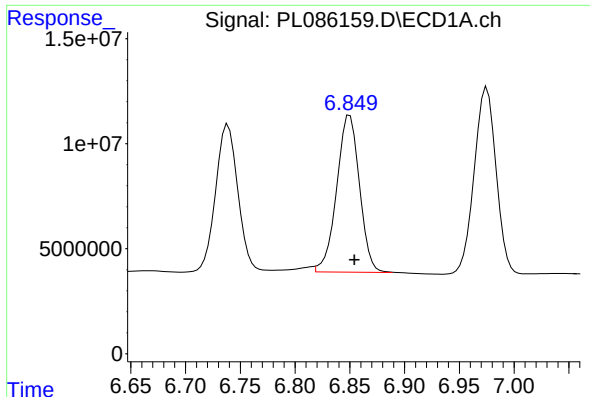
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: -0.006 min
Response: 111638726
Conc: 55.41 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 39005772
Conc: 56.04 ng/ml



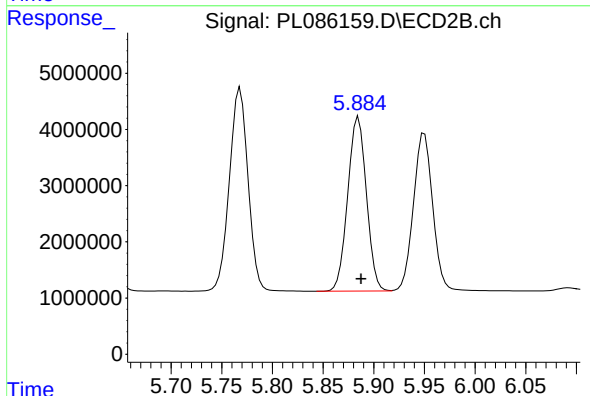
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: -0.006 min
Response: 108165884
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

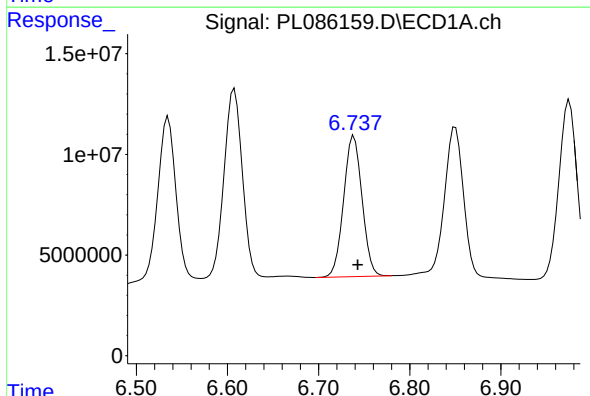
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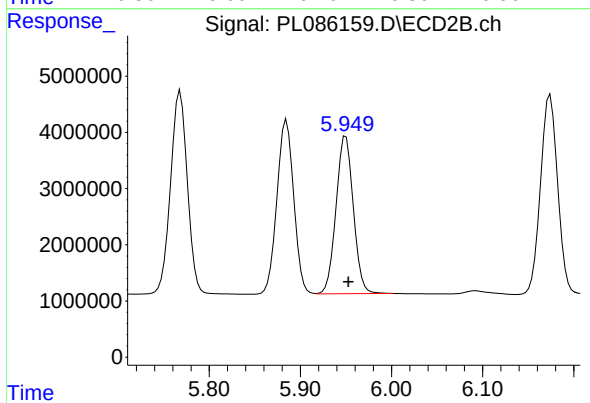
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 39693169
Conc: 50.20 ng/ml



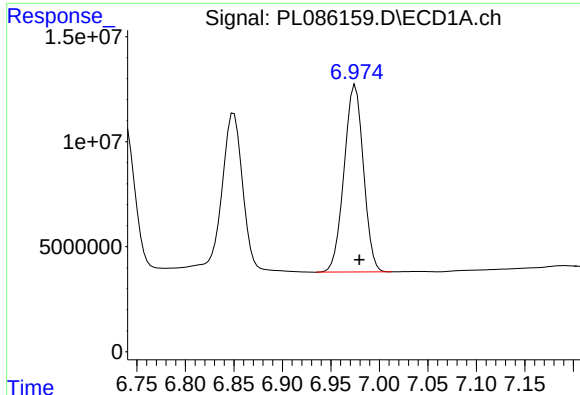
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 98054761
Conc: 48.38 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 36949068
Conc: 49.55 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.975 min
Delta R.T.: -0.004 min
Response: 123581422
Conc: 49.24 ng/ml

Instrument :

ECD_L

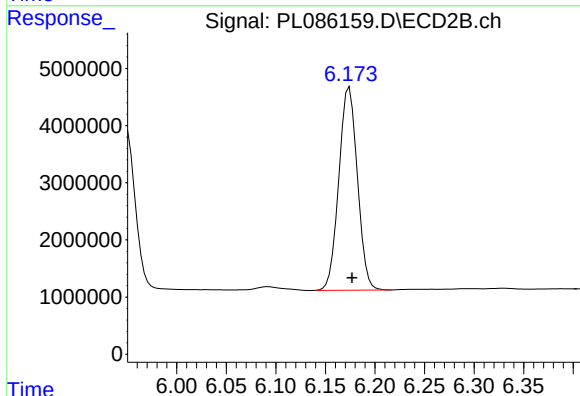
ClientSampleId :

PSTDCCC050

Manual Integrations

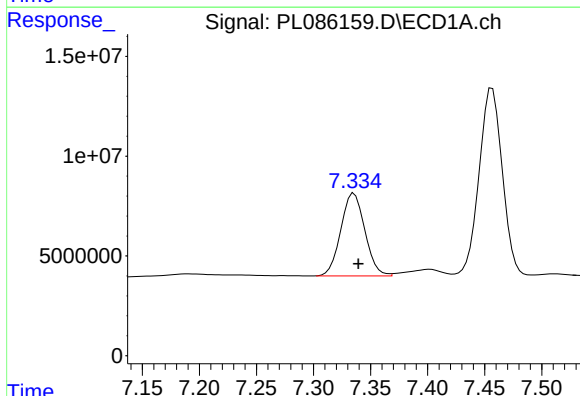
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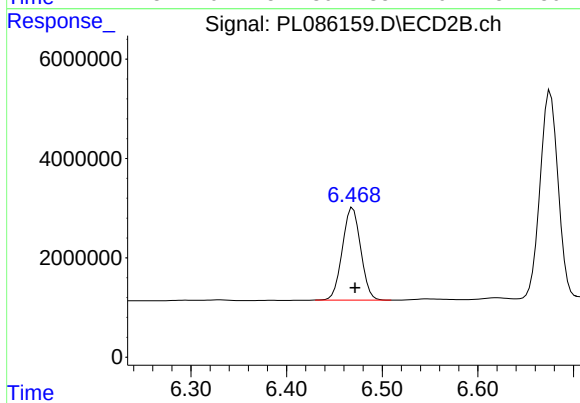
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 46304349
Conc: 51.33 ng/ml



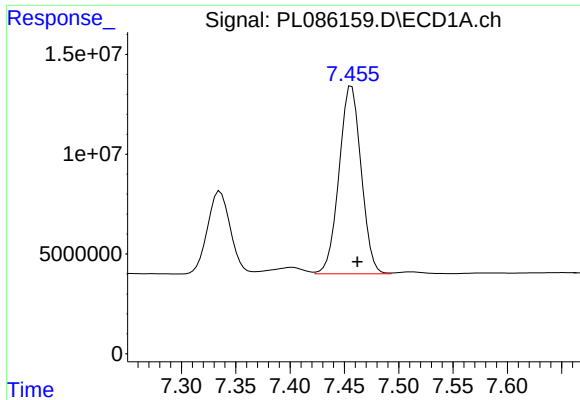
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 60763272
Conc: 43.51 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 24907740
Conc: 47.35 ng/ml



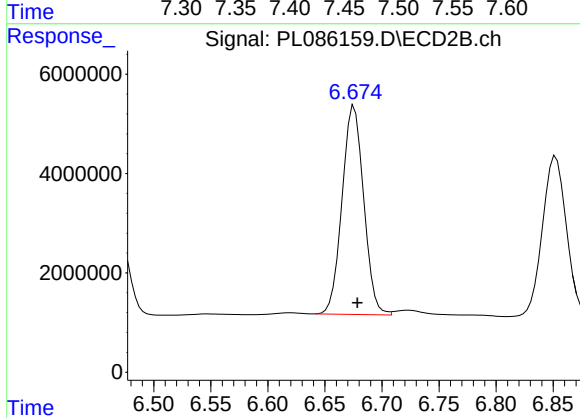
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 133430259
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

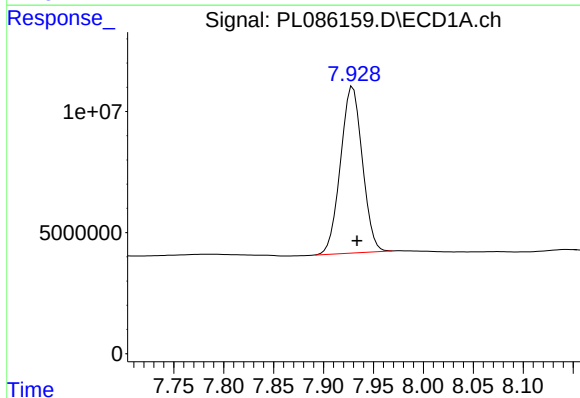
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Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



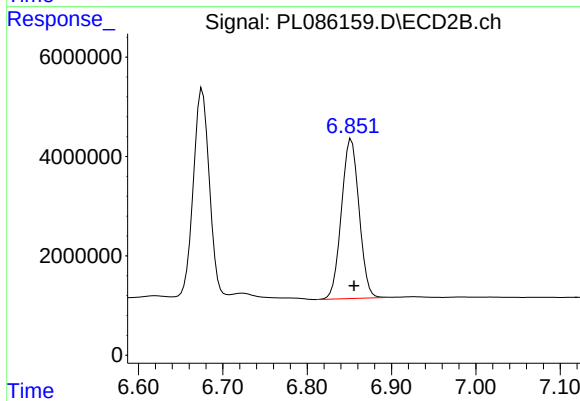
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 55444321
Conc: 48.24 ng/ml



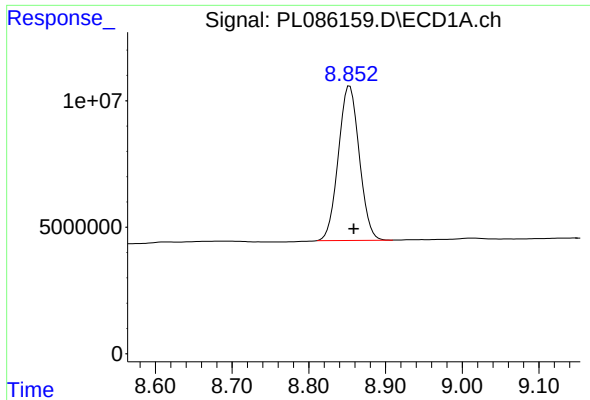
#22 Mirex

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 104714133
Conc: 47.30 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 46625717
Conc: 49.44 ng/ml



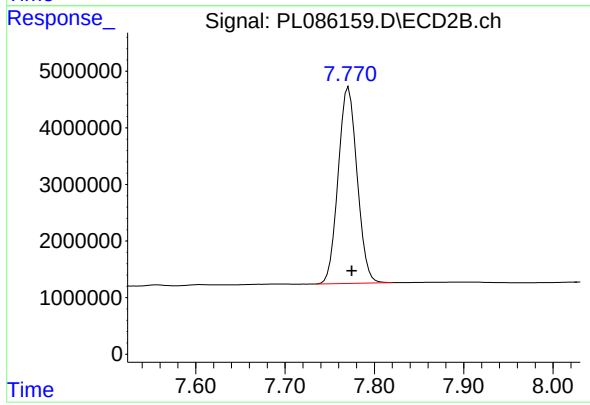
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.005 min
Response: 116099040
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 51105814
Conc: 55.37 ng/ml