

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
 Data File : PL087074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Dec 2023 19:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 21:48:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 07 00:53:18 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...	3.454	2.703	153.8E6	45397005	47.656	46.408
28)	SA Decachlor...	9.052	7.901	127.3E6	45482629	55.708	47.267
Target Compounds							
2)	A alpha-BHC	3.912	3.210	222.9E6	62058052	49.526	48.422
3)	MA gamma-BHC...	4.248	3.541	200.9E6	60946557	48.377	48.118
4)	MA Heptachlor	4.843	3.885	169.5E6	60476243	41.919	48.590
5)	MB Aldrin	5.185	4.166	156.3E6	57831727	39.202m	48.080
6)	B beta-BHC	4.448	3.843	82397247	27693105	48.455	48.812
7)	B delta-BHC	4.695	4.073	169.1E6	61124545	46.754	50.290
8)	B Heptachlo...	5.619	4.674	171.8E6	53631445	48.757	48.554
9)	A Endosulfan I	6.007	5.045	162.1E6	48369359	49.461	45.508
10)	B gamma-Chl...	5.878	4.928	175.5E6	51900595	51.021	48.239
11)	B alpha-Chl...	5.959	4.992	173.1E6	52368673	50.404	46.989
12)	B 4,4'-DDE	6.144	5.191	138.3E6	44925297	55.156	50.551
13)	MA Dieldrin	6.287	5.313	164.2E6	48199242	50.677	48.094
14)	MA Endrin	6.518	5.589	132.6E6	44647086	60.087	54.729
15)	B Endosulfa...	6.742	5.887	141.3E6	42734989	54.682	48.550
16)	A 4,4'-DDD	6.668	5.749	113.0E6	37498366	56.229	48.369
17)	MA 4,4'-DDT	6.988	6.002	120.0E6	40284605	60.469	53.057
18)	B Endrin al...	6.874	6.069	101.5E6	33612838	55.932	49.086
19)	B Endosulfa...	7.112	6.294	138.5E6	43731991	56.142	49.559
20)	A Methoxychlor	7.480	6.590	63316113	24709677	59.479	51.682
21)	B Endrin ke...	7.601	6.800	138.7E6	48656110	54.400	48.111
22)	Mirex	8.080	6.983	118.8E6	42674080	52.744	48.092

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121123\
Data File : PL087074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2023 19:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

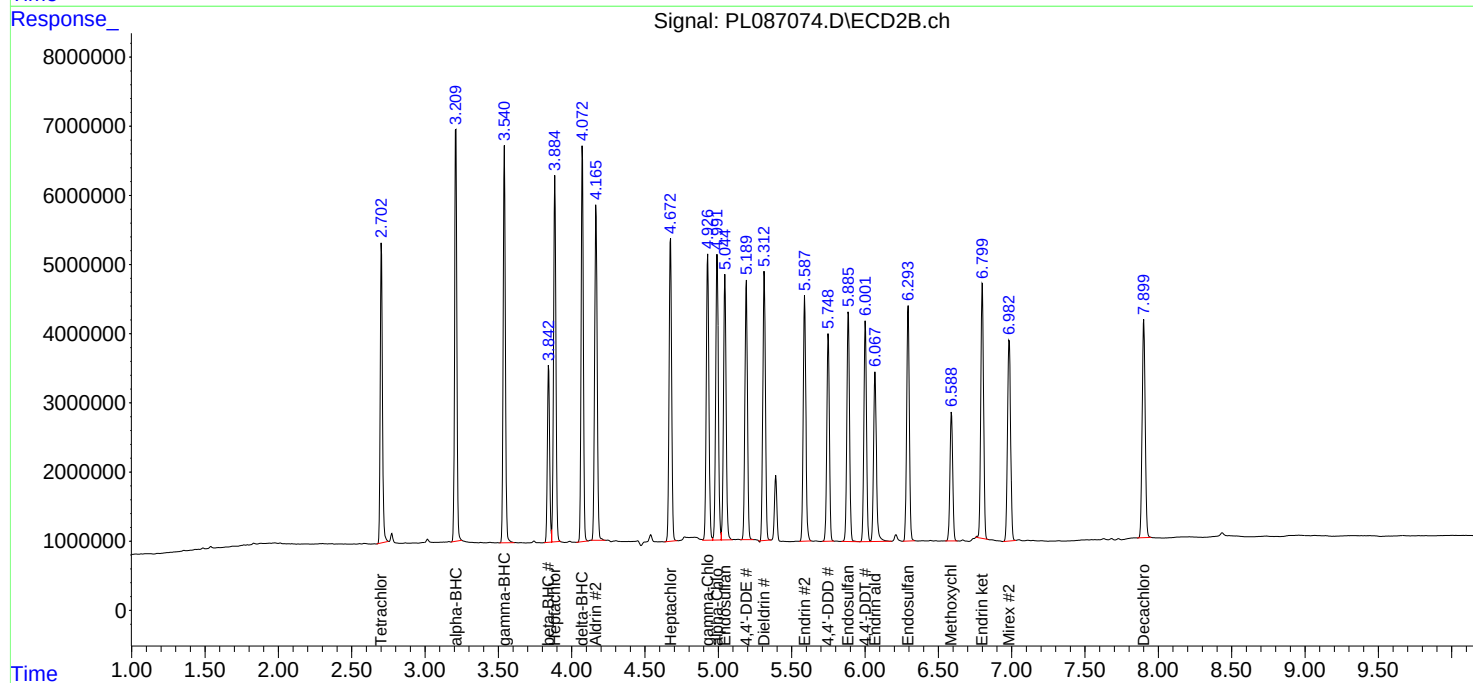
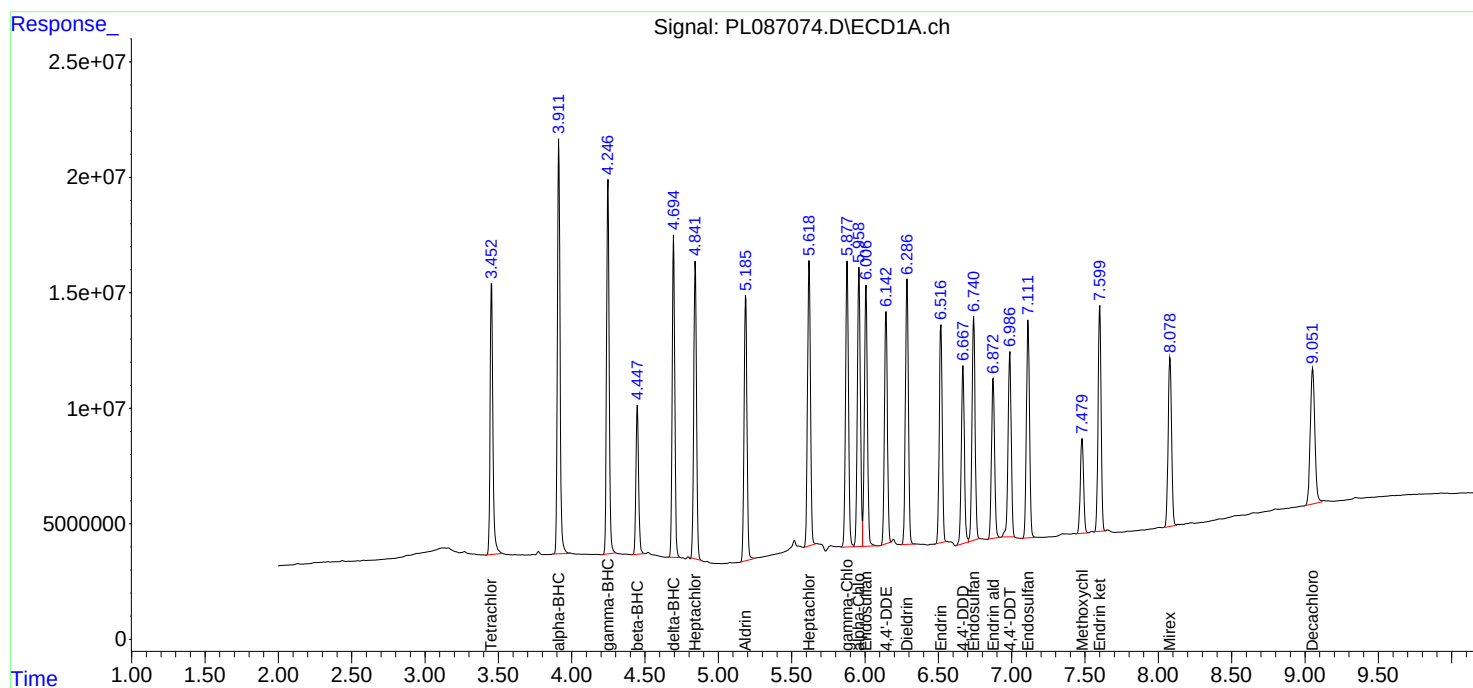
Manual Integrations

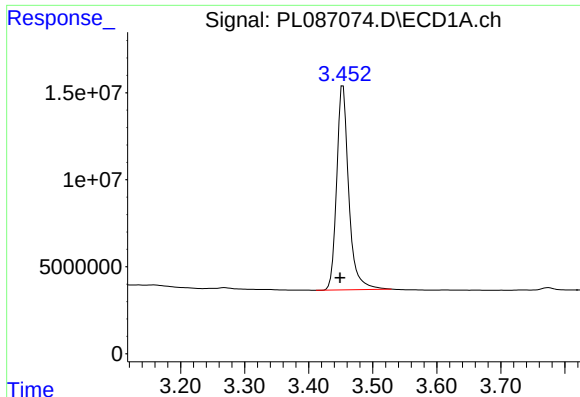
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Supervised By :Ankita Jodhani 12/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 21:48:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120623.M
Quant Title : GC Extractables
QLast Update : Thu Dec 07 00:53:18 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





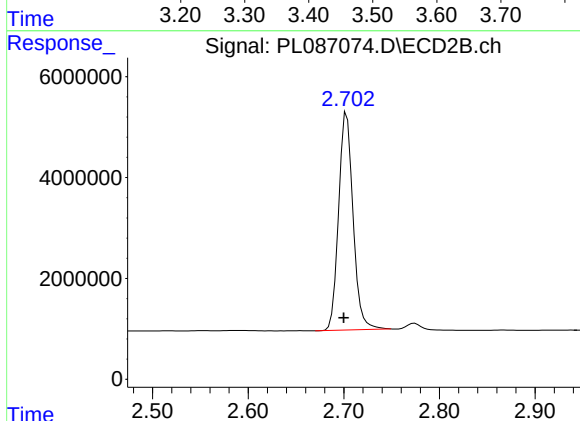
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.005 min
Response: 153799168
Conc: 47.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

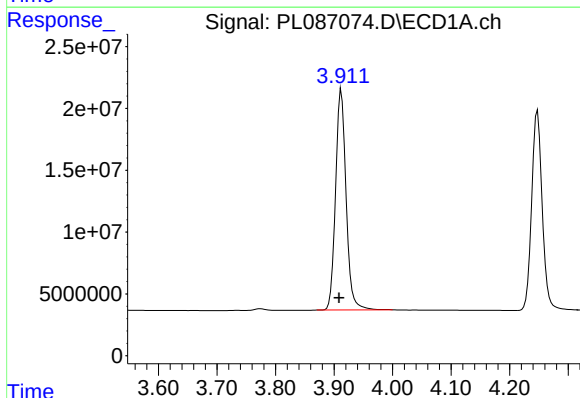
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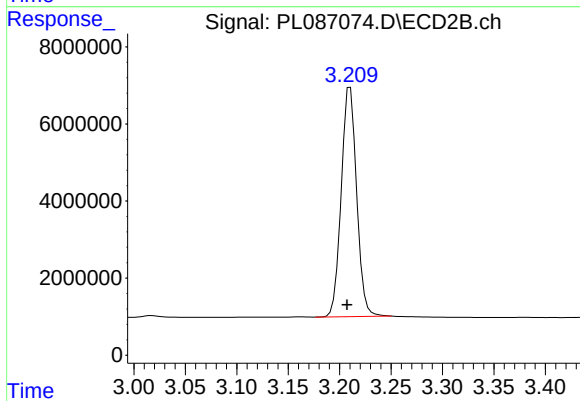
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.003 min
Response: 45397005
Conc: 46.41 ng/ml



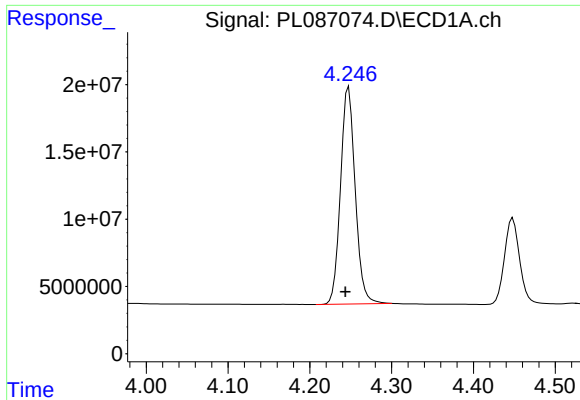
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.004 min
Response: 222875327
Conc: 49.53 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.003 min
Response: 62058052
Conc: 48.42 ng/ml



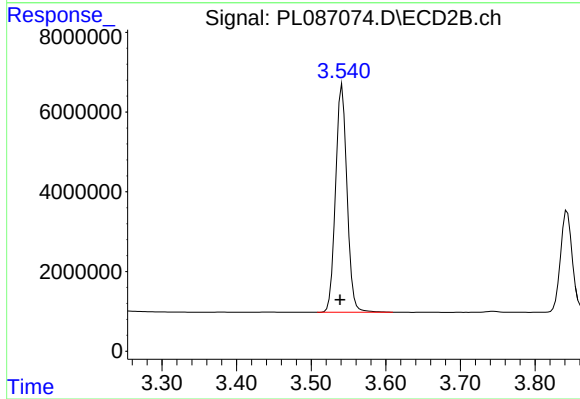
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.004 min
Response: 200864902
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

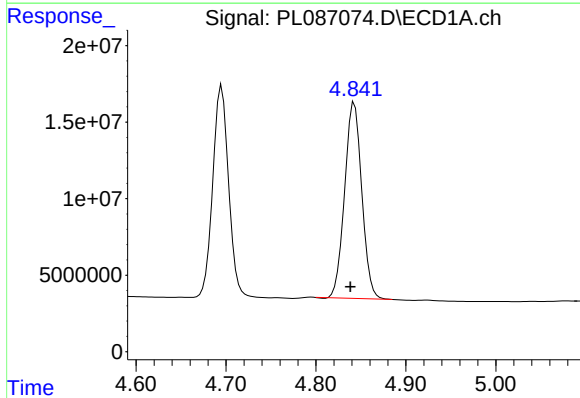
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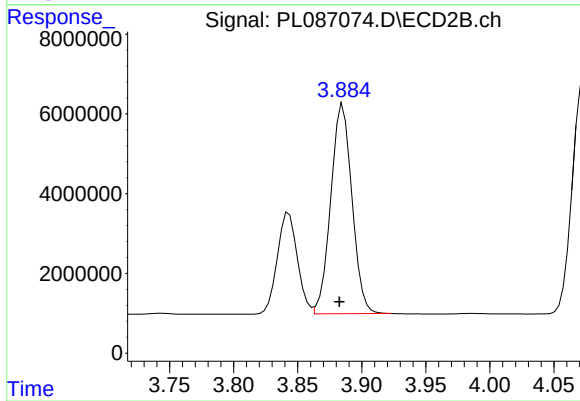
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 60946557
Conc: 48.12 ng/ml



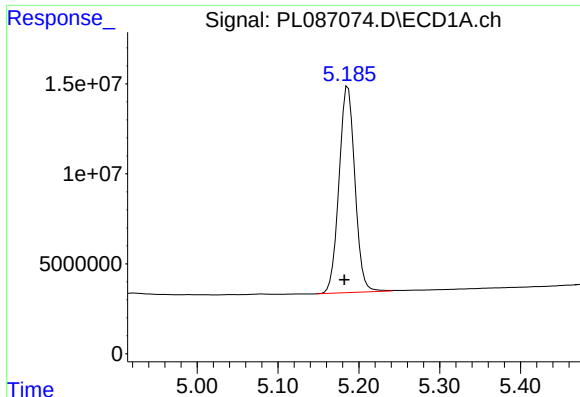
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: 0.004 min
Response: 169485378
Conc: 41.92 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.003 min
Response: 60476243
Conc: 48.59 ng/ml



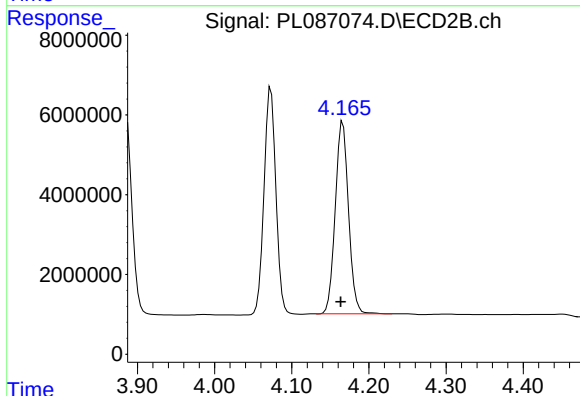
#5 Aldrin

R.T.: 5.185 min
Delta R.T.: 0.003 min
Response: 156345518
Conc: 39.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

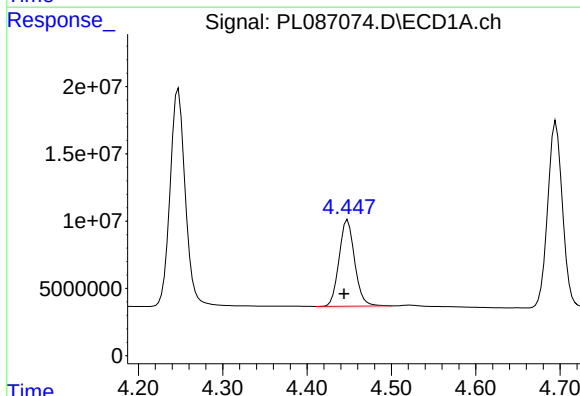
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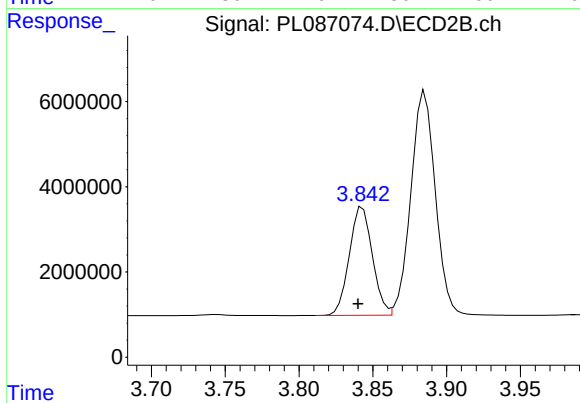
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.003 min
Response: 57831727
Conc: 48.08 ng/ml



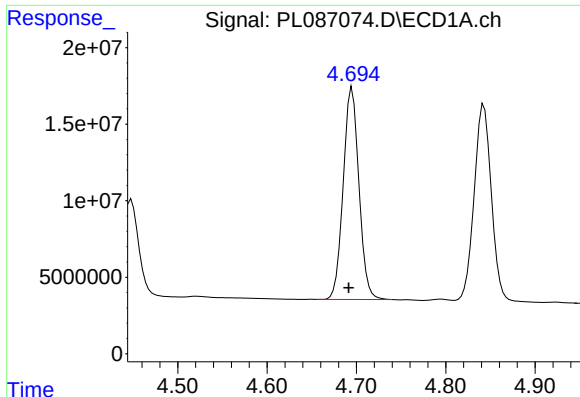
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.004 min
Response: 82397247
Conc: 48.46 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.003 min
Response: 27693105
Conc: 48.81 ng/ml



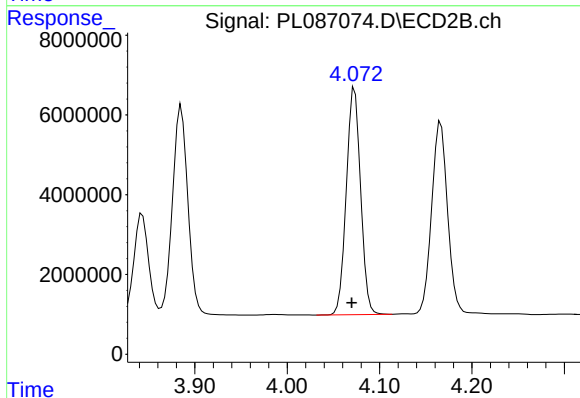
#7 delta-BHC

R.T.: 4.695 min
Delta R.T.: 0.004 min
Response: 169103201
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

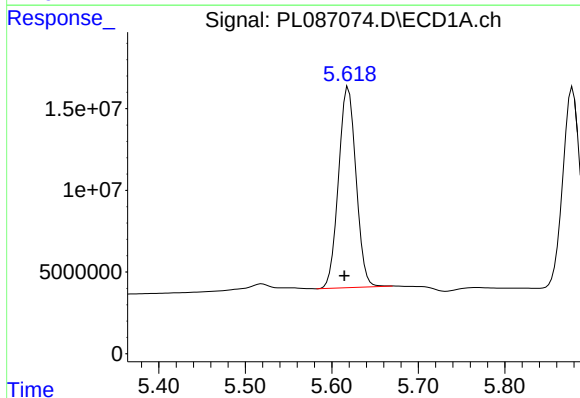
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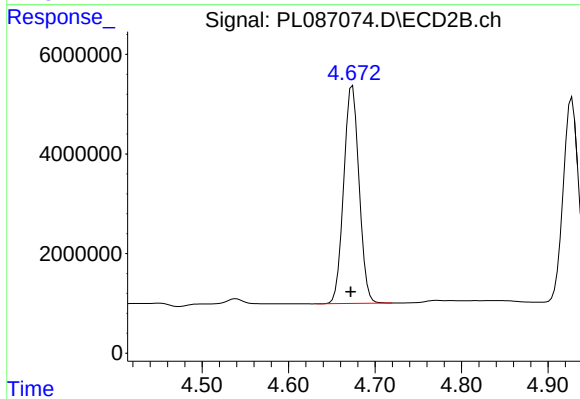
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.003 min
Response: 61124545
Conc: 50.29 ng/ml



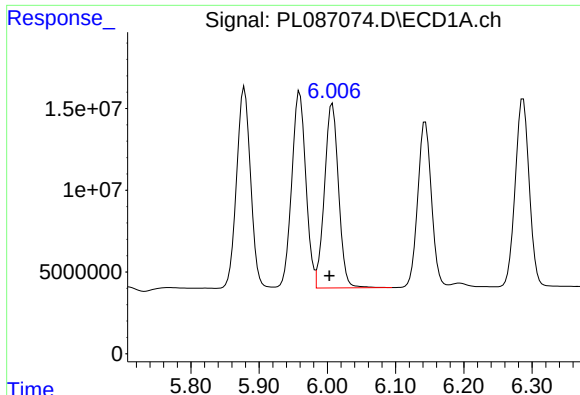
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 171782872
Conc: 48.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 53631445
Conc: 48.55 ng/ml



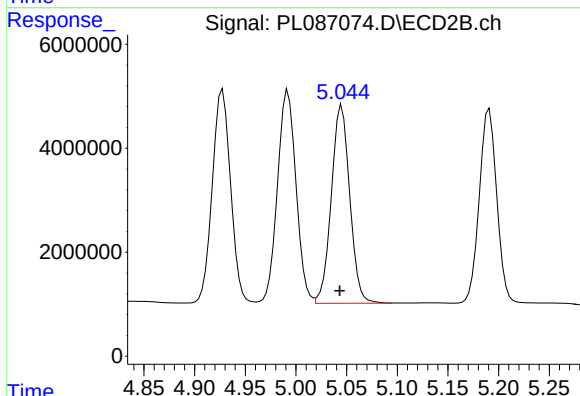
#9 Endosulfan I

R.T.: 6.007 min
Delta R.T.: 0.004 min
Response: 162060923
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

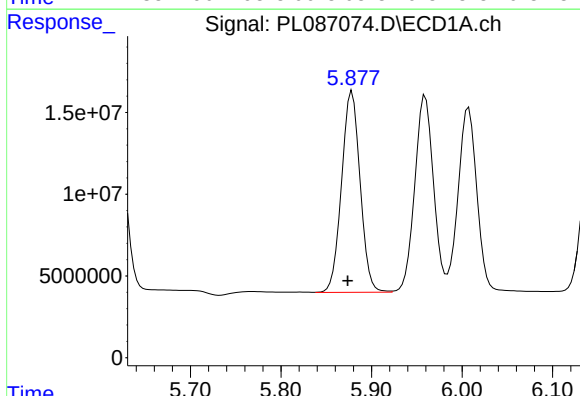
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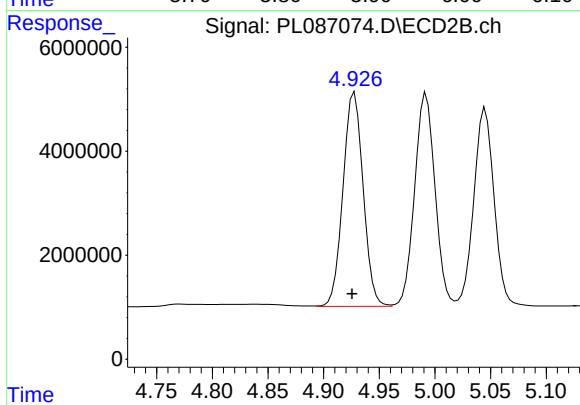
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.002 min
Response: 48369359
Conc: 45.51 ng/ml



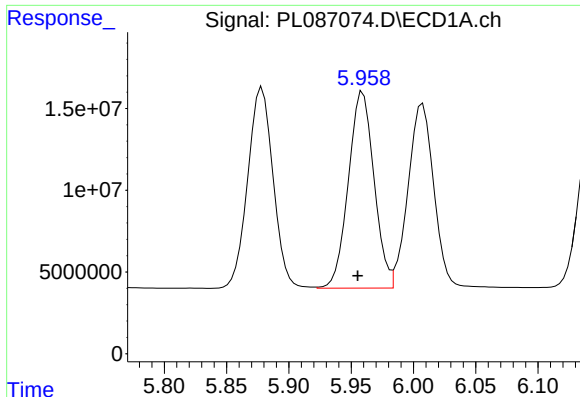
#10 gamma-Chlordane

R.T.: 5.878 min
Delta R.T.: 0.005 min
Response: 175491608
Conc: 51.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.002 min
Response: 51900595
Conc: 48.24 ng/ml



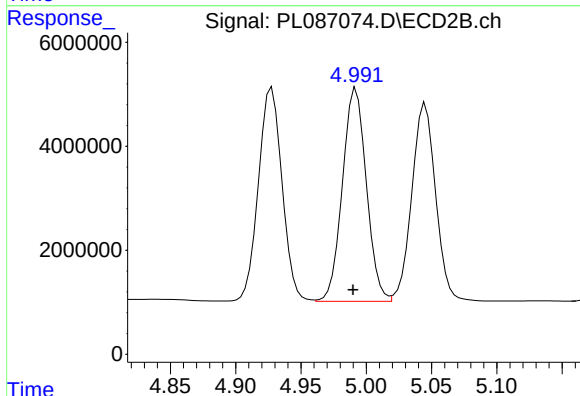
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.004 min
Response: 173051116
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

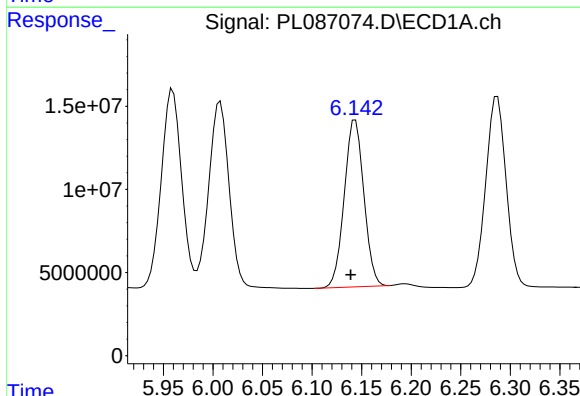
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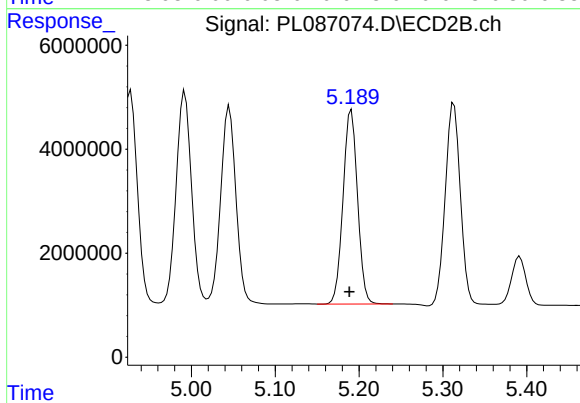
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.002 min
Response: 52368673
Conc: 46.99 ng/ml



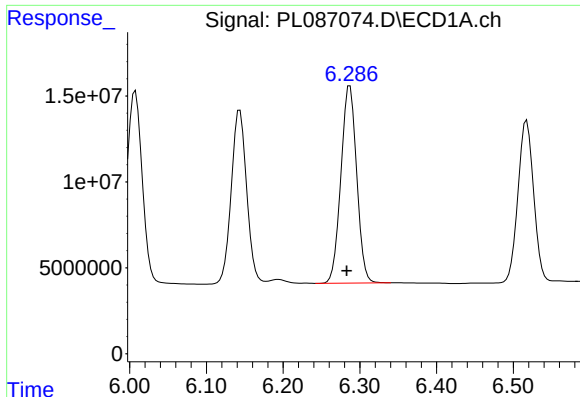
#12 4,4'-DDE

R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 138293766
Conc: 55.16 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.002 min
Response: 44925297
Conc: 50.55 ng/ml



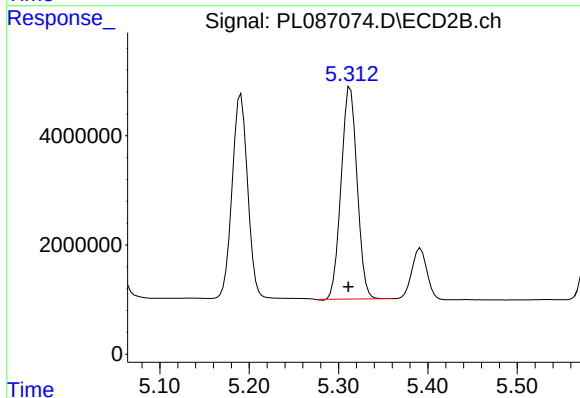
#13 Dieldrin

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 164216276
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

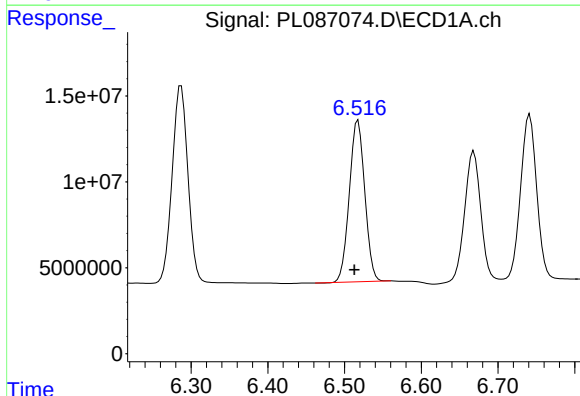
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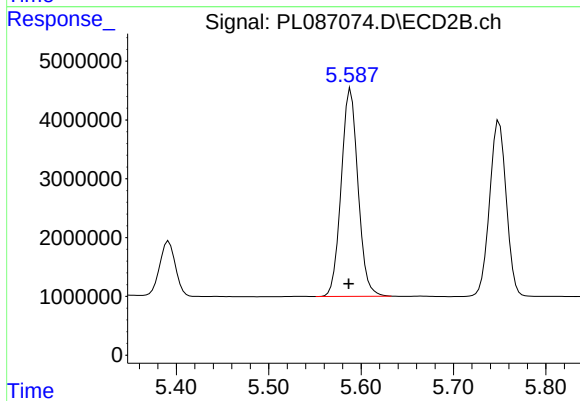
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.002 min
Response: 48199242
Conc: 48.09 ng/ml



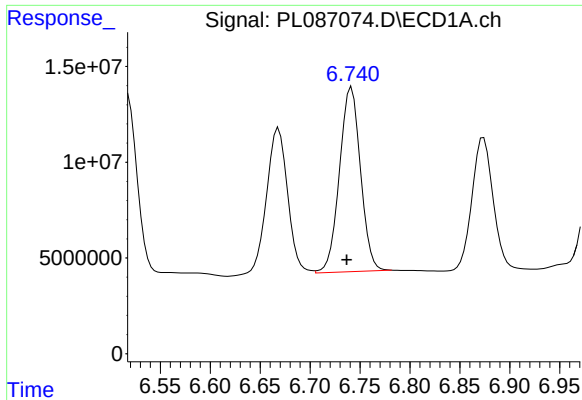
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.004 min
Response: 132598854
Conc: 60.09 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.002 min
Response: 44647086
Conc: 54.73 ng/ml



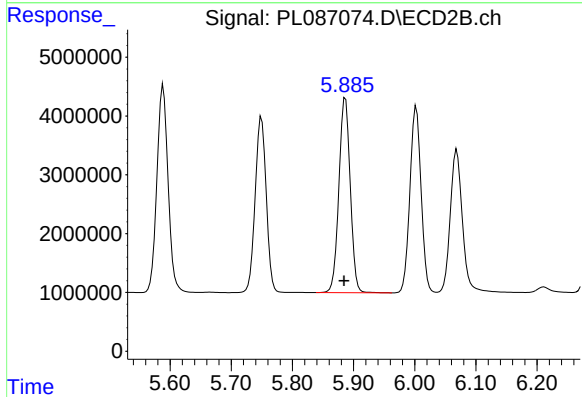
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.005 min
Response: 141311342
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

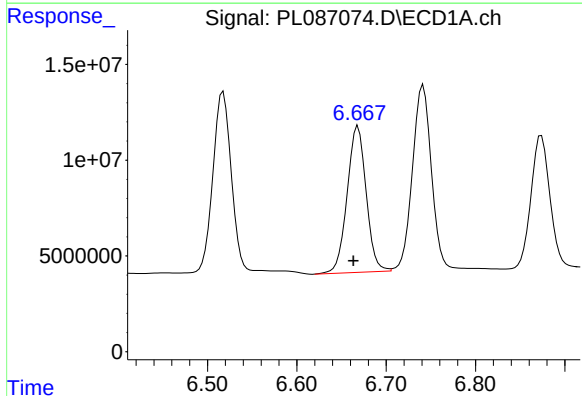
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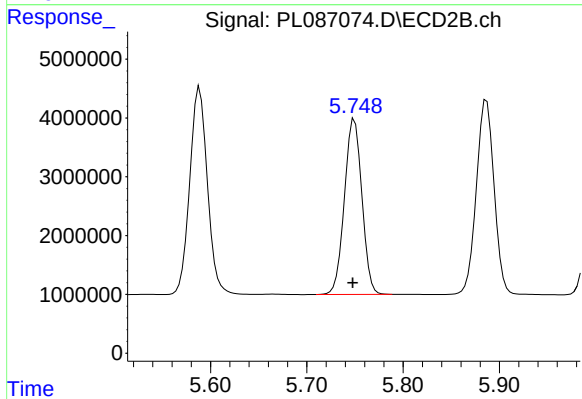
#15 Endosulfan II

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 42734989
Conc: 48.55 ng/ml



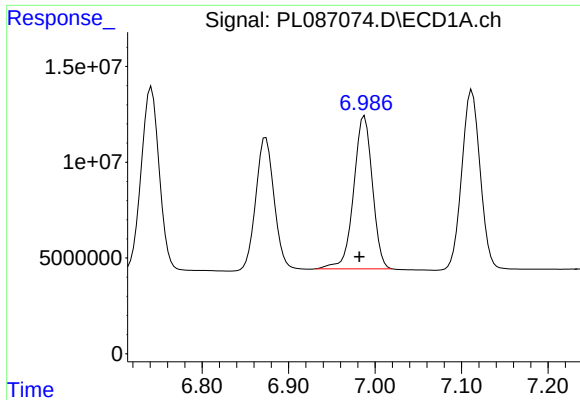
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.005 min
Response: 113000194
Conc: 56.23 ng/ml



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.002 min
Response: 37498366
Conc: 48.37 ng/ml



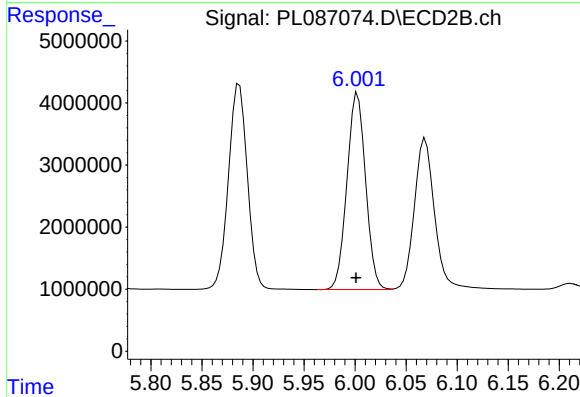
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.006 min
Response: 120030679
Conc: 60.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

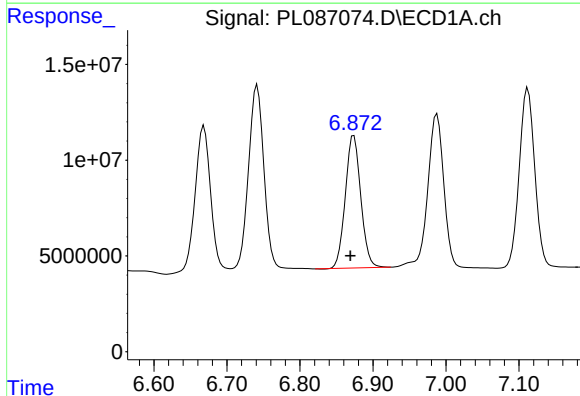
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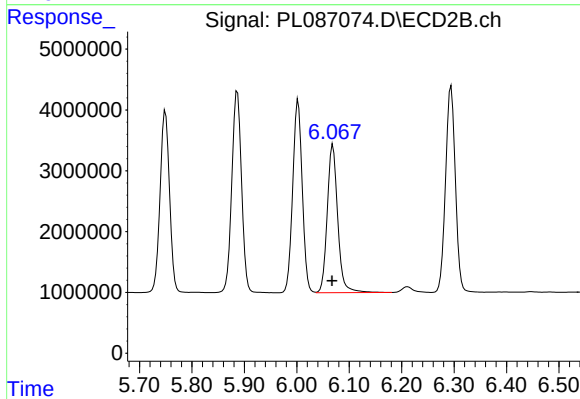
#17 4,4'-DDT

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 40284605
Conc: 53.06 ng/ml



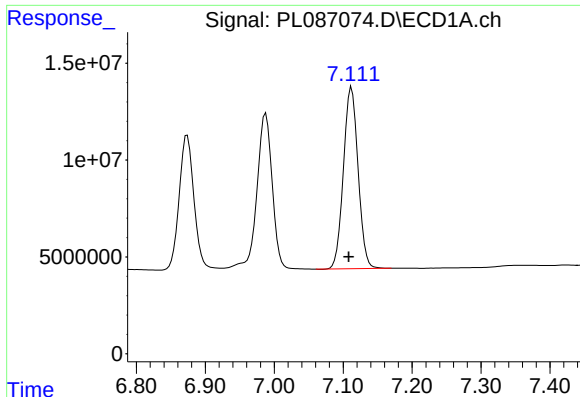
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.005 min
Response: 101506622
Conc: 55.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 33612838
Conc: 49.09 ng/ml



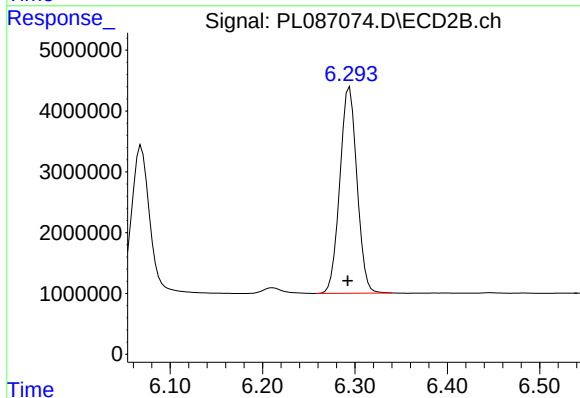
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.004 min
Response: 138499646
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

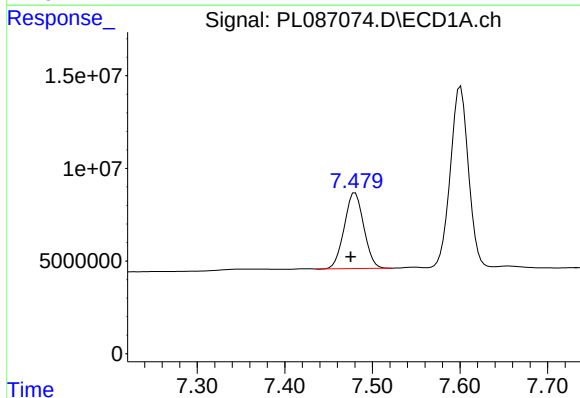
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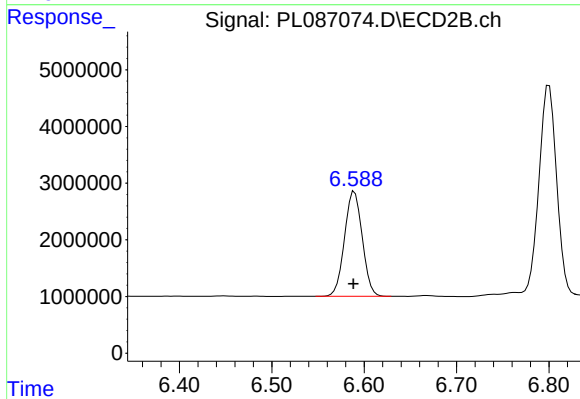
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.002 min
Response: 43731991
Conc: 49.56 ng/ml



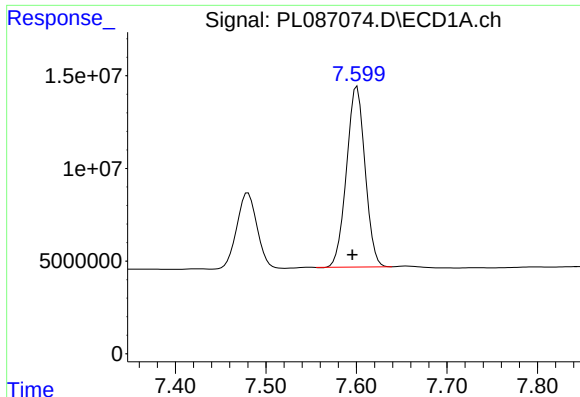
#20 Methoxychlor

R.T.: 7.480 min
Delta R.T.: 0.005 min
Response: 63316113
Conc: 59.48 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 24709677
Conc: 51.68 ng/ml



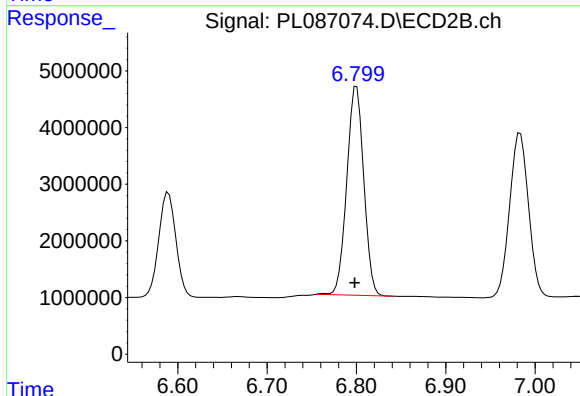
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.005 min
Response: 138740149
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

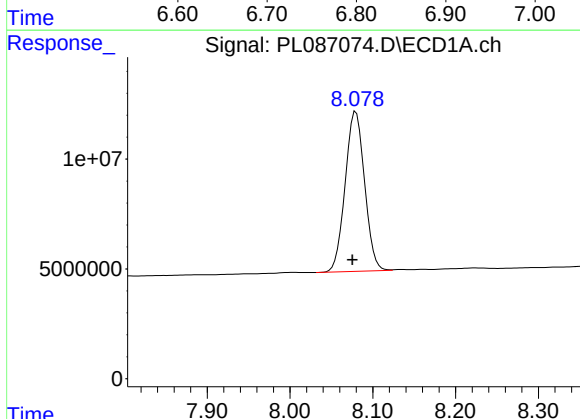
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Supervised By :Ankita Jodhani 12/12/2023



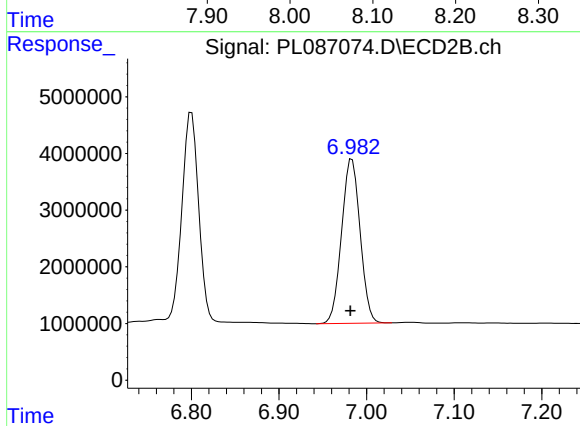
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.002 min
Response: 48656110
Conc: 48.11 ng/ml



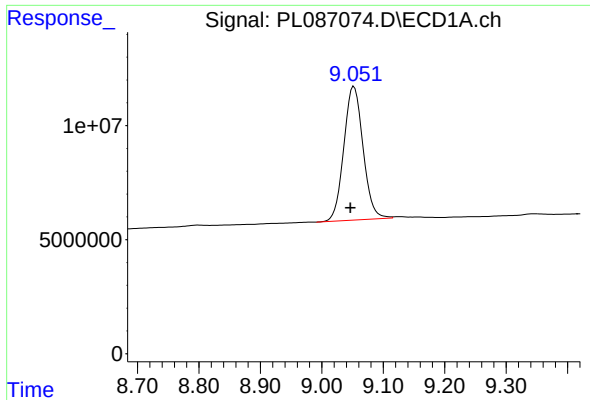
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.004 min
Response: 118787313
Conc: 52.74 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.002 min
Response: 42674080
Conc: 48.09 ng/ml



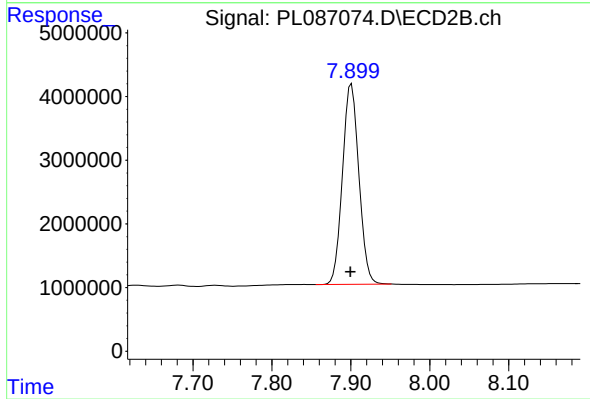
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.006 min
Response: 127335051
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/12/2023
Supervised By :Ankita Jodhani 12/12/2023



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.001 min
Response: 45482629
Conc: 47.27 ng/ml