

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 20:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/23/2023
 Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:41:44 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	2.622	139.1E6	43943587	46.774	47.043
28)	SA Decachlor...	8.858	7.774	121.1E6	54169944	55.616	58.690
Target Compounds							
2)	A alpha-BHC	3.809	3.120	207.4E6	61178589	48.315	48.627
3)	MA gamma-BHC...	4.141	3.447	200.5E6	60792677	48.513	49.291
4)	MA Heptachlor	4.728	3.784	195.1E6	60171942	50.448	51.736
5)	MB Aldrin	5.068	4.060	191.5E6	59353487	49.392	53.076
6)	B beta-BHC	4.344	3.749	83591252	26934614	50.550	51.739
7)	B delta-BHC	4.587	3.974	189.7E6	60765521	49.469	52.887
8)	B Heptachlo...	5.498	4.565	167.1E6	55172699	48.428	54.931
9)	A Endosulfan I	5.882	4.933	157.9E6	52113122	48.812	48.579
10)	B gamma-Chl...	5.756	4.817	170.2E6	57640303	49.737	58.200
11)	B alpha-Chl...	5.835	4.881	169.6E6	57497515	49.616	52.715
12)	B 4,4'-DDE	6.018	5.080	148.6E6	49954482	53.147	60.836
13)	MA Dieldrin	6.159	5.199	162.7E6	55165228	49.521	56.858
14)	MA Endrin	6.388	5.472	142.1E6	49138160	49.872	54.658
15)	B Endosulfa...	6.611	5.769	143.2E6	51263494	51.979	53.908m
16)	A 4,4'-DDD	6.538	5.636	115.4E6	42483465	57.291	61.036
17)	MA 4,4'-DDT	6.852	5.887	124.9E6	46104296	53.002	58.304
18)	B Endrin al...	6.742	5.952	106.4E6	41531001	52.522	55.693
19)	B Endosulfa...	6.978	6.177	134.3E6	49420334	53.509	54.783
20)	A Methoxychlor	7.338	6.472	70419424	28488765	50.421	54.153
21)	B Endrin ke...	7.459	6.679	143.0E6	60187215	49.633	52.363
22)	Mirex	7.933	6.856	110.4E6	49579504	49.850	52.567

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102023\
 Data File : PL086078.D
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 Acq On : 20 Oct 2023 20:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

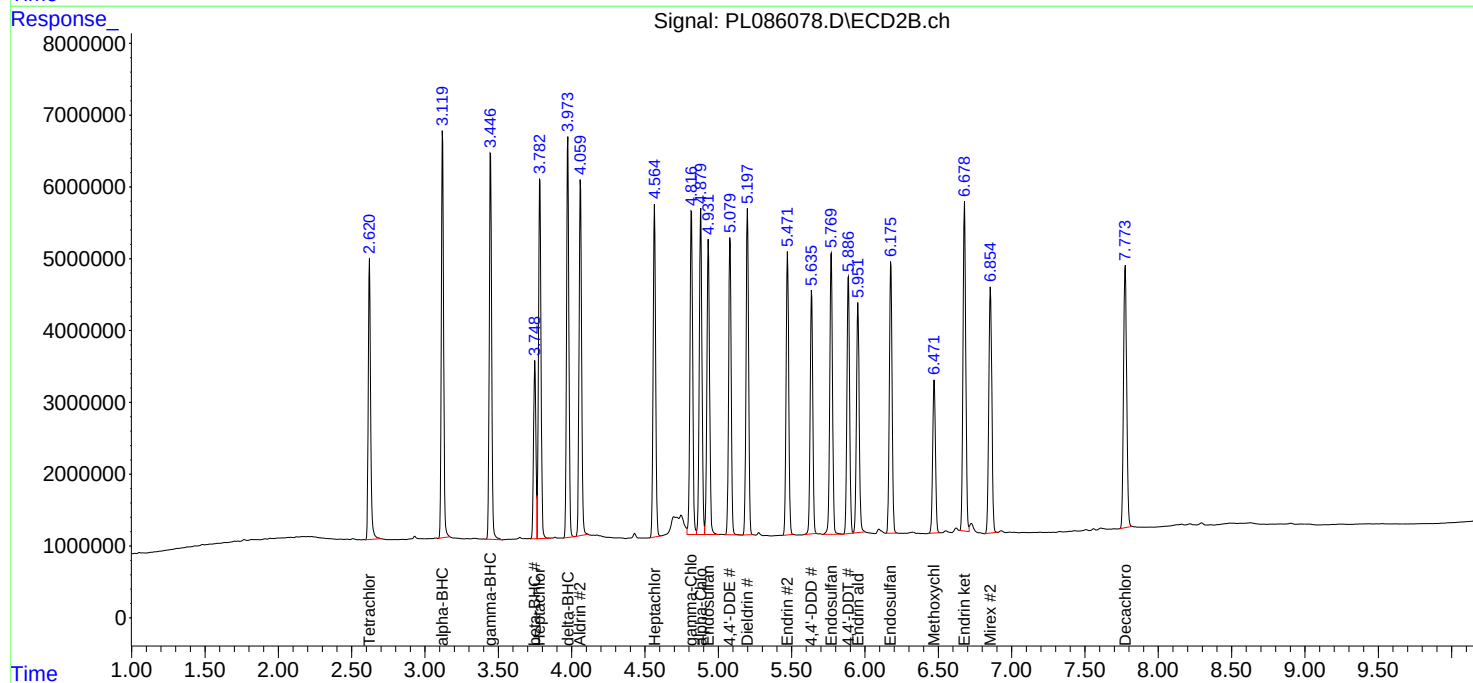
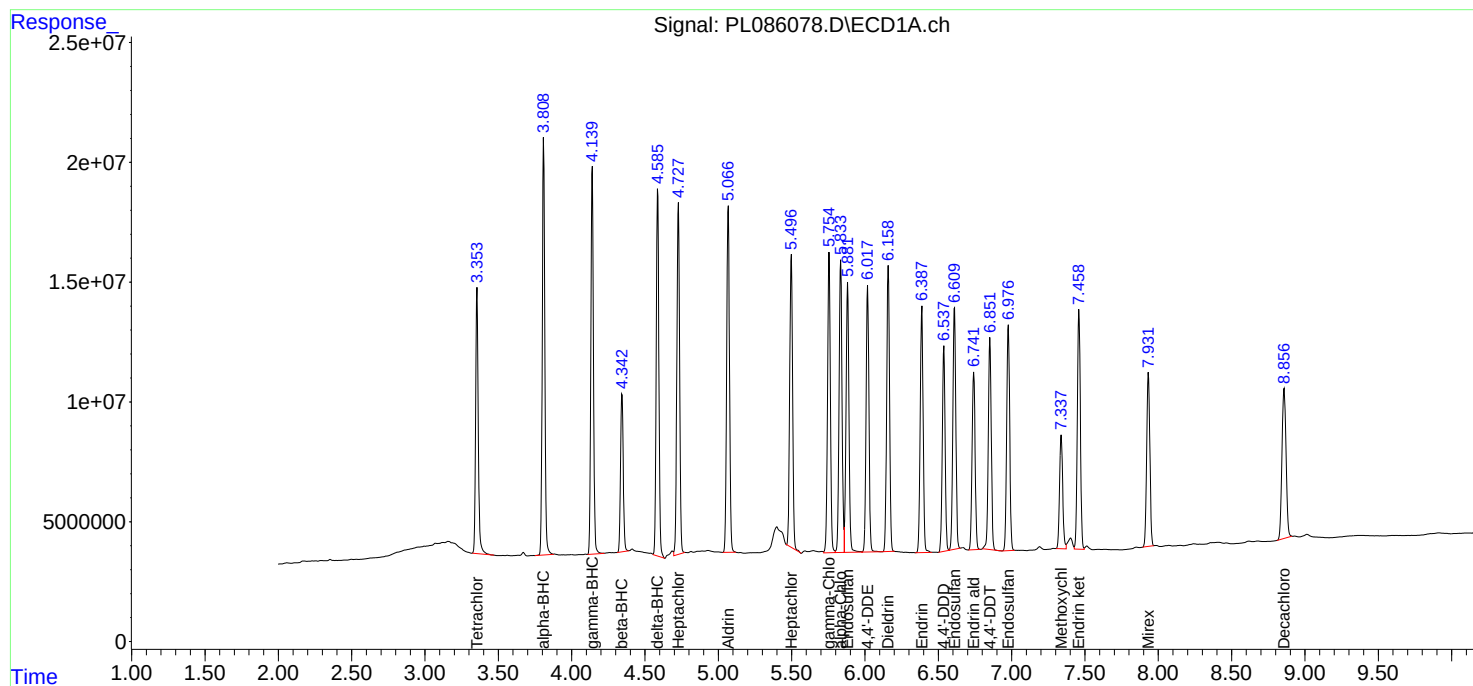
APPROVED

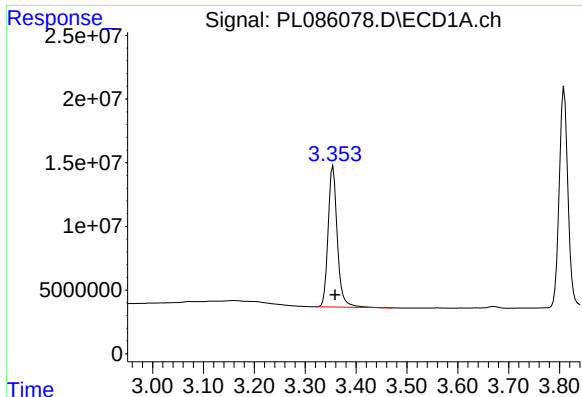
Reviewed By :Abdul Mirza 10/23/2023

Supervised By :Ankita Jodhani 10/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 22:41:44 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





#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 139111793
Conc: 46.77 ng/ml

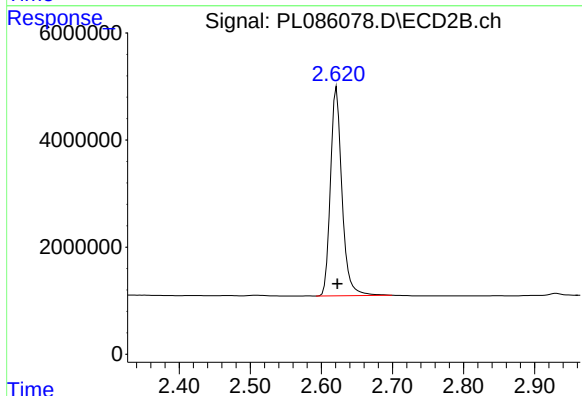
Instrument :

ECD_L

ClientSampleId :
PSTDCCC050

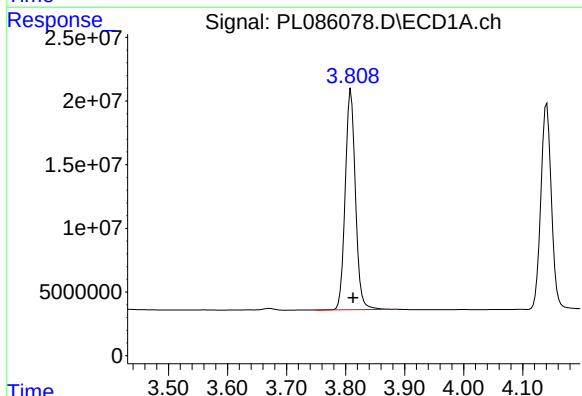
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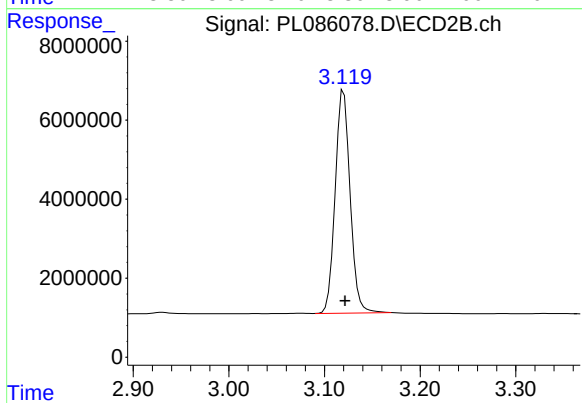
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 43943587
Conc: 47.04 ng/ml



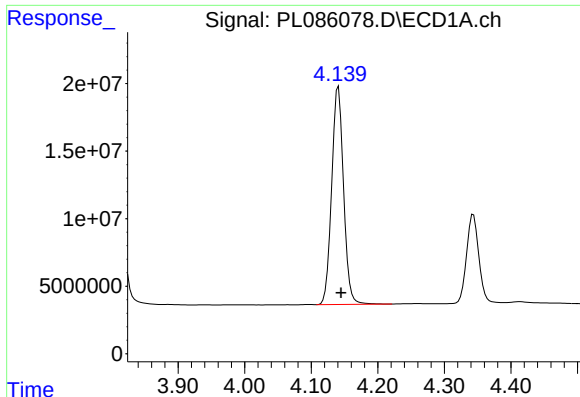
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 207362243
Conc: 48.31 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 61178589
Conc: 48.63 ng/ml



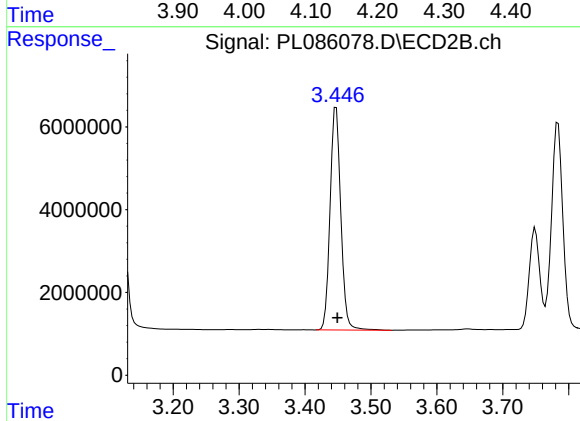
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 200520912
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

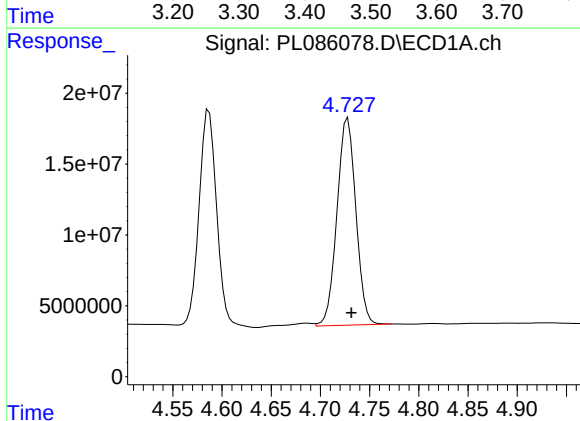
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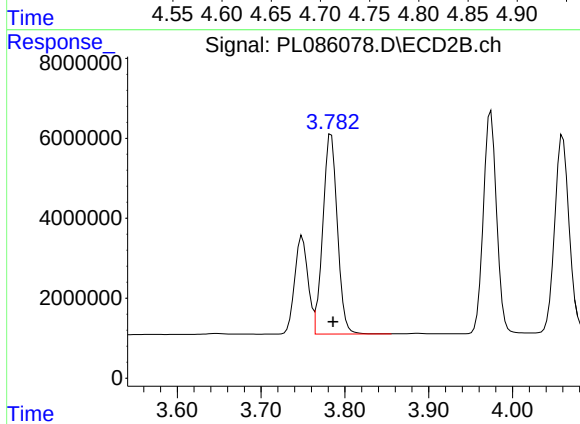
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 60792677
Conc: 49.29 ng/ml



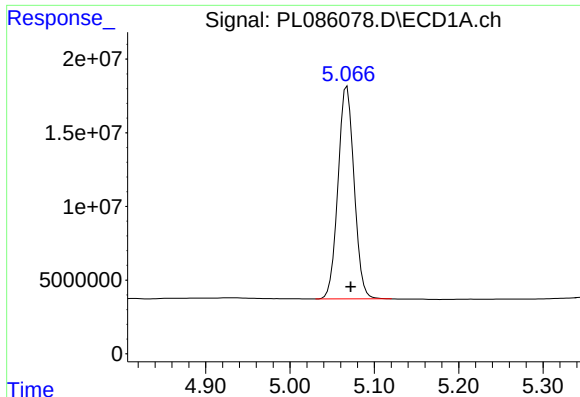
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 195111718
Conc: 50.45 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 60171942
Conc: 51.74 ng/ml



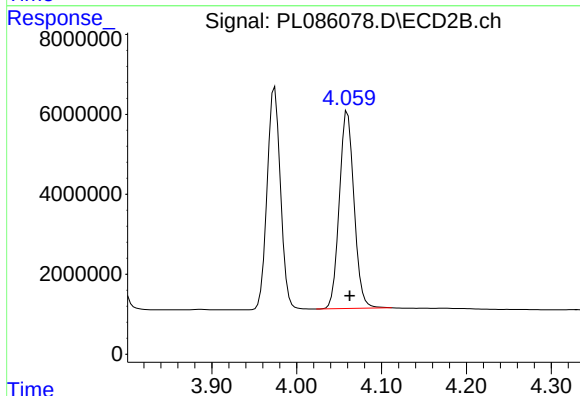
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 191460710
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

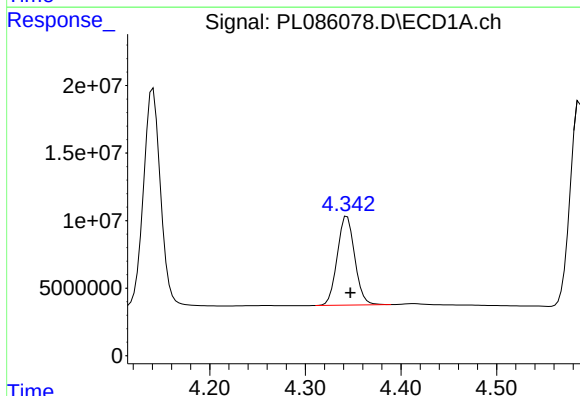
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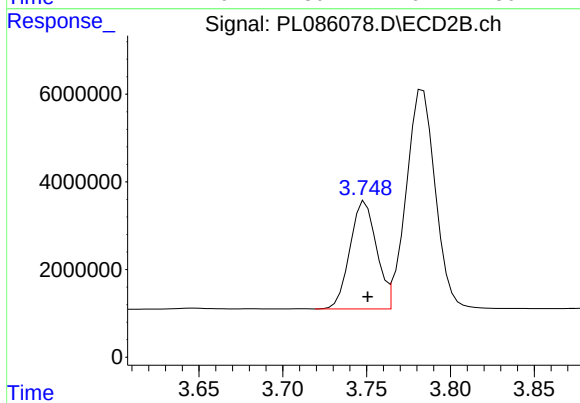
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.003 min
Response: 59353487
Conc: 53.08 ng/ml



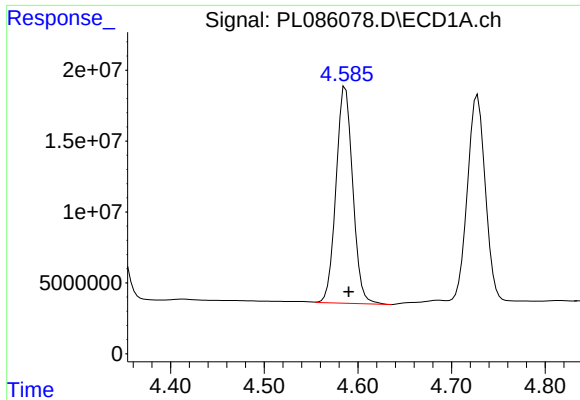
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 83591252
Conc: 50.55 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 26934614
Conc: 51.74 ng/ml



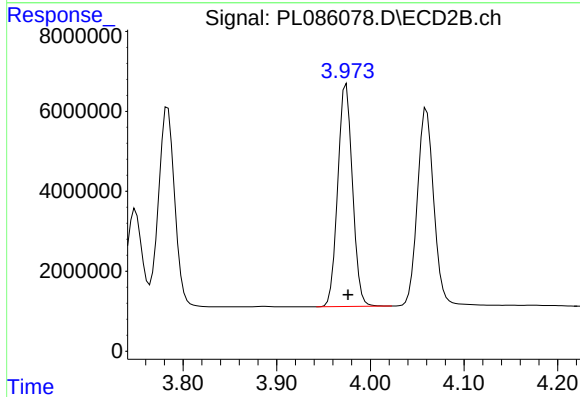
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 189685042
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

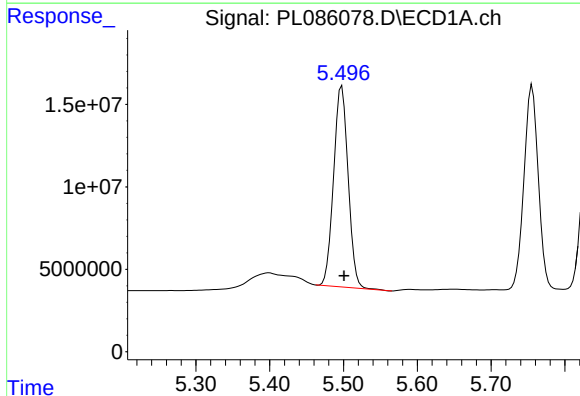
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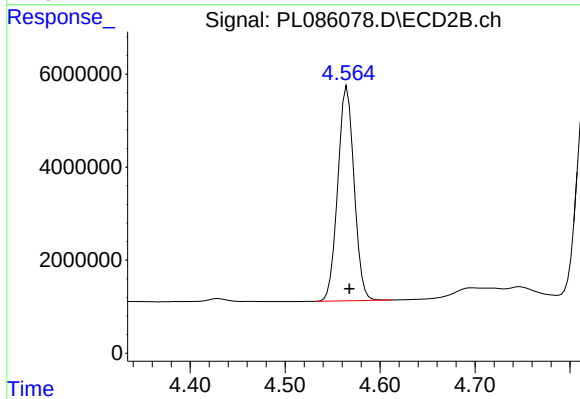
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 60765521
Conc: 52.89 ng/ml



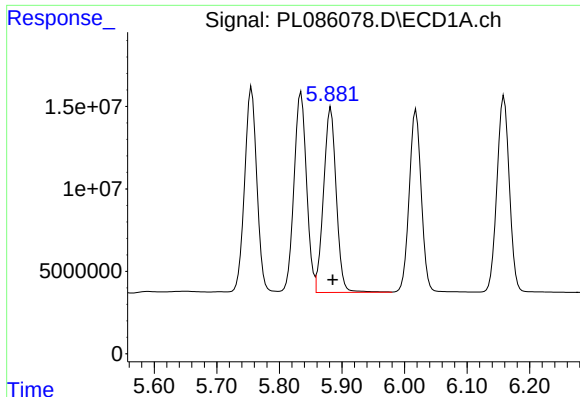
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 167069608
Conc: 48.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 55172699
Conc: 54.93 ng/ml



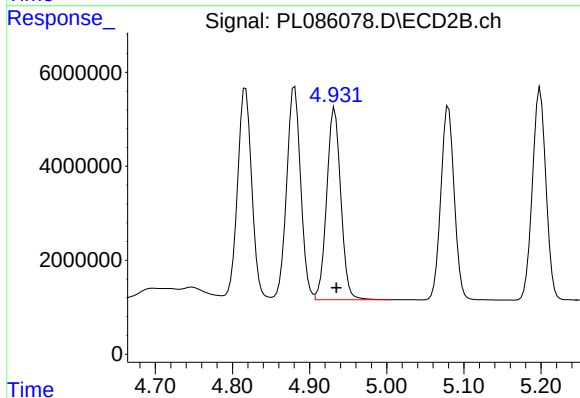
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 157858178
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

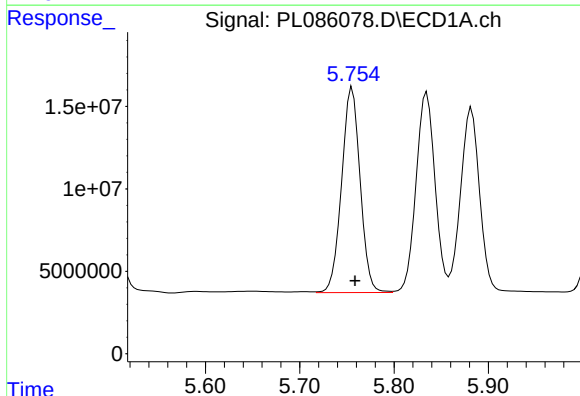
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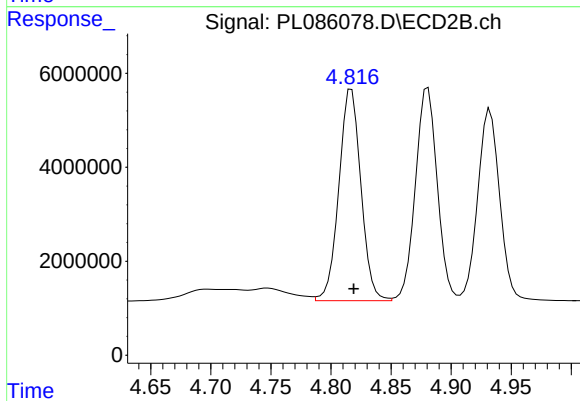
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 52113122
Conc: 48.58 ng/ml



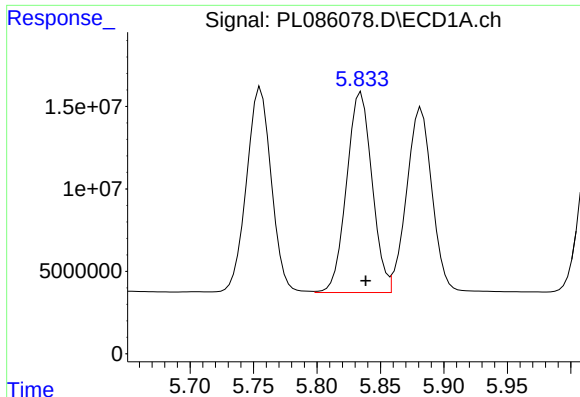
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 170172872
Conc: 49.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 57640303
Conc: 58.20 ng/ml



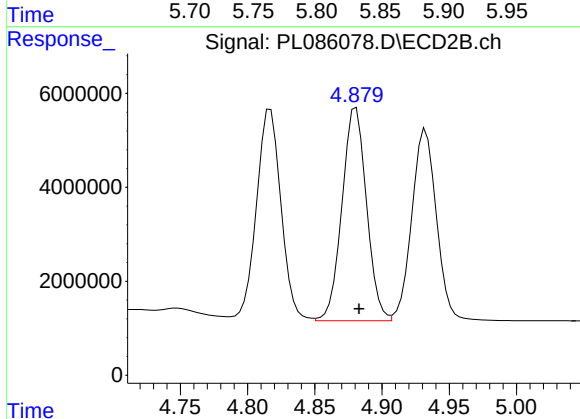
#11 alpha-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.004 min
Response: 169571449
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

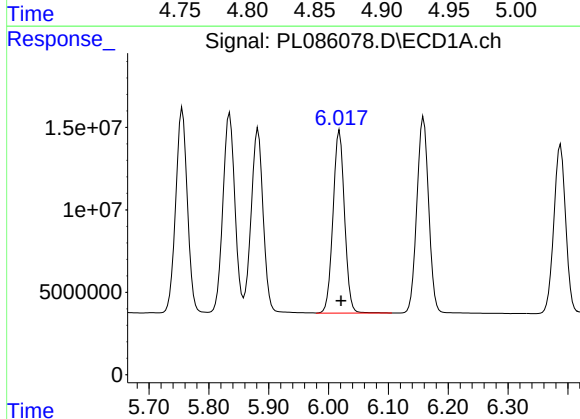
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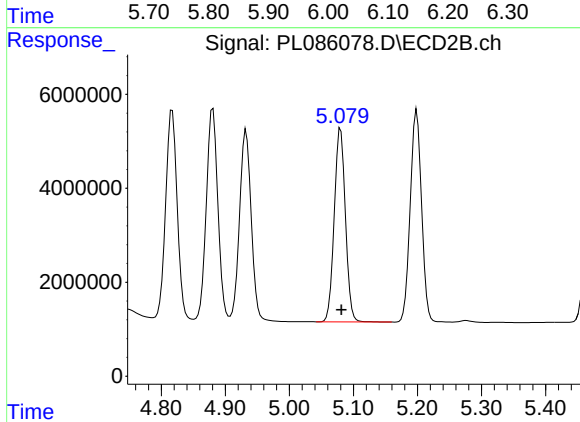
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 57497515
Conc: 52.71 ng/ml



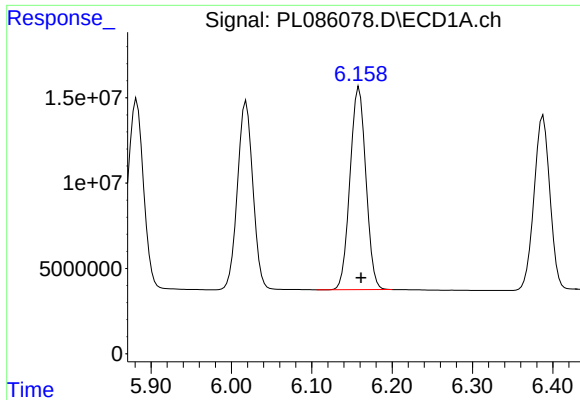
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 148628322
Conc: 53.15 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 49954482
Conc: 60.84 ng/ml



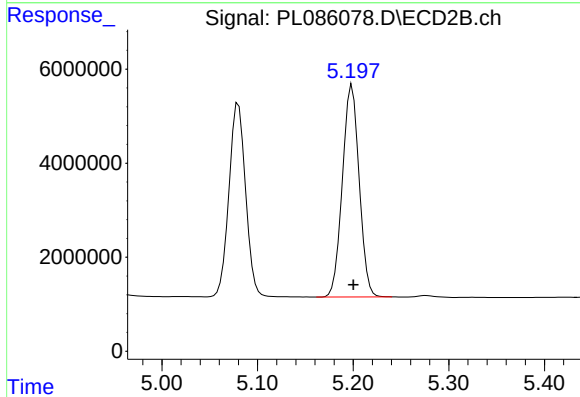
#13 Dieldrin

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 162723516
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

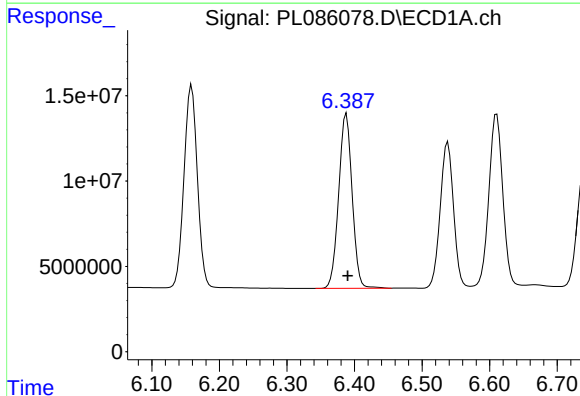
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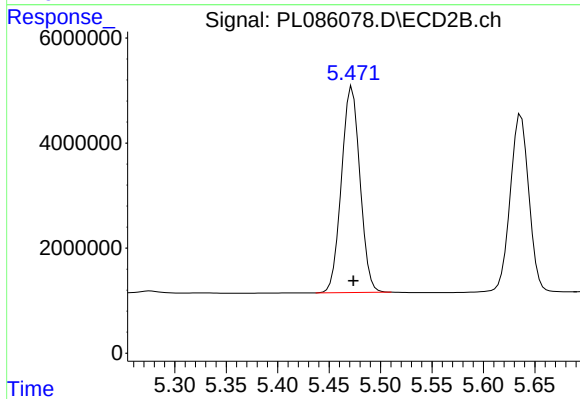
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 55165228
Conc: 56.86 ng/ml



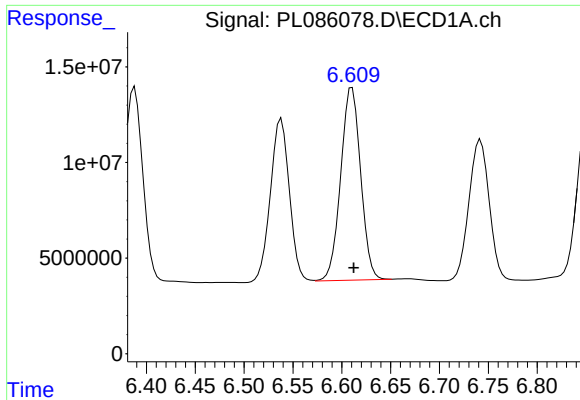
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 142122859
Conc: 49.87 ng/ml



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 49138160
Conc: 54.66 ng/ml



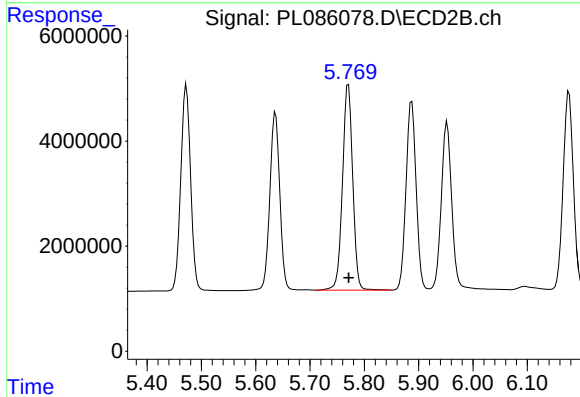
#15 Endosulfan II

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 143229251
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

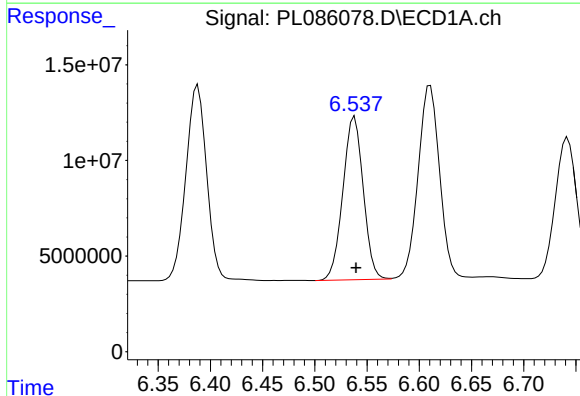
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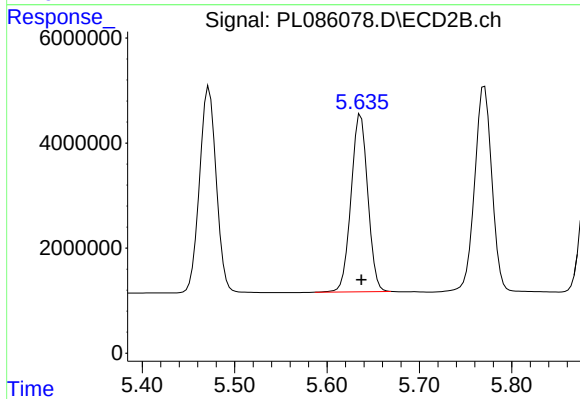
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 51263494
Conc: 53.91 ng/ml m



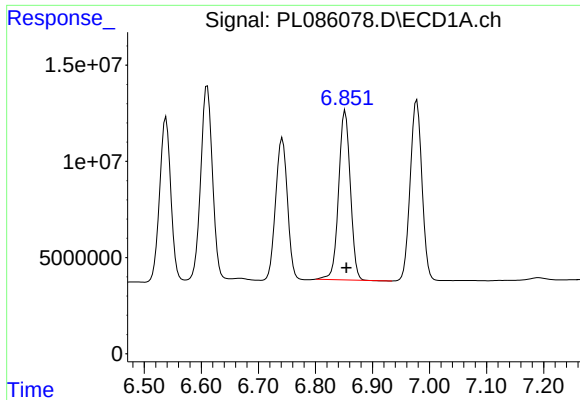
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 115422808
Conc: 57.29 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 42483465
Conc: 61.04 ng/ml



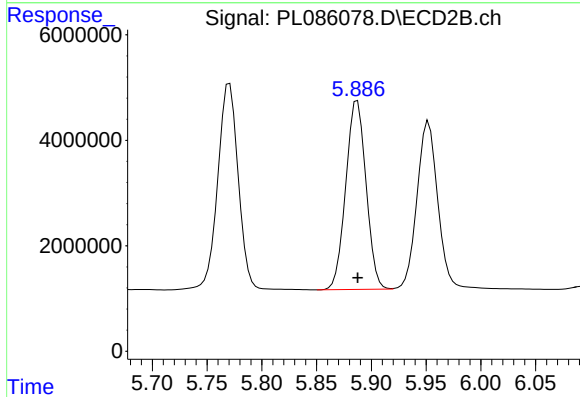
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 124930669
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

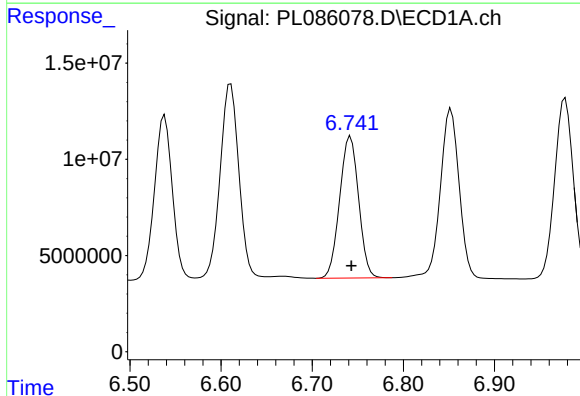
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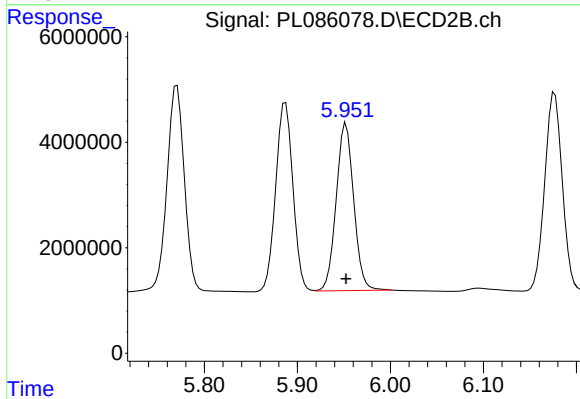
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 46104296
Conc: 58.30 ng/ml



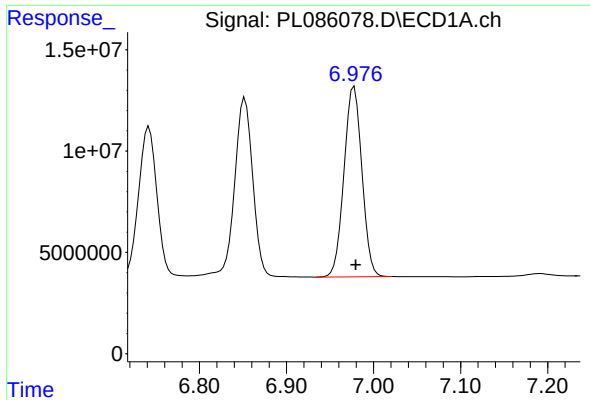
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 106449595
Conc: 52.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 41531001
Conc: 55.69 ng/ml



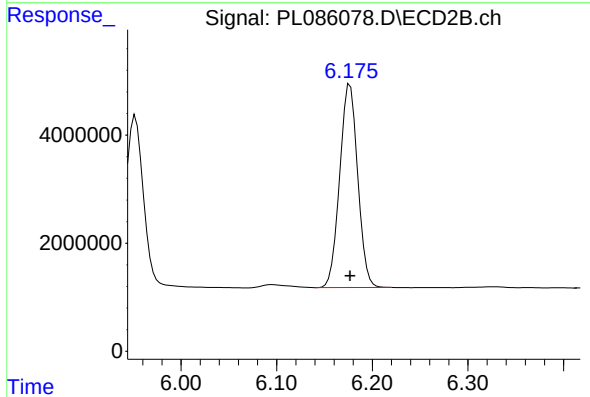
#19 Endosulfan Sulfate

R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 134293221
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

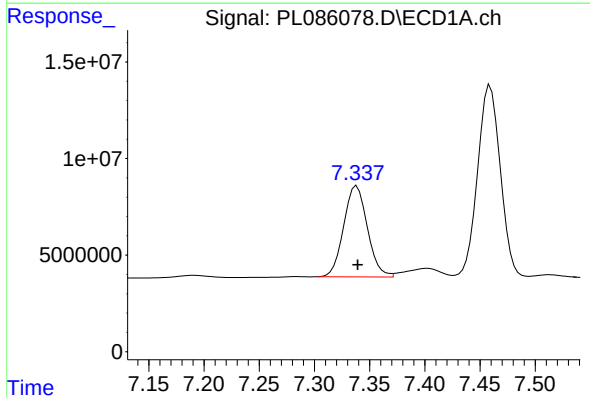
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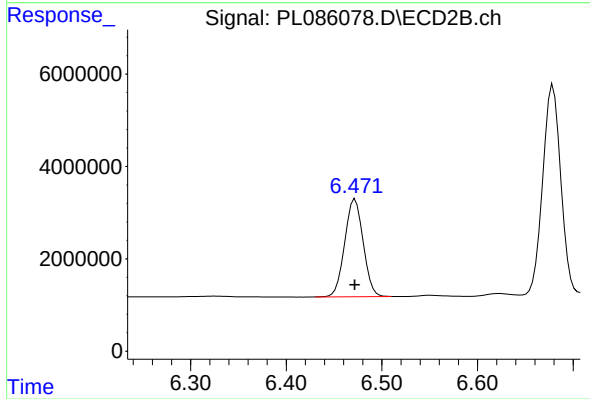
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 49420334
Conc: 54.78 ng/ml



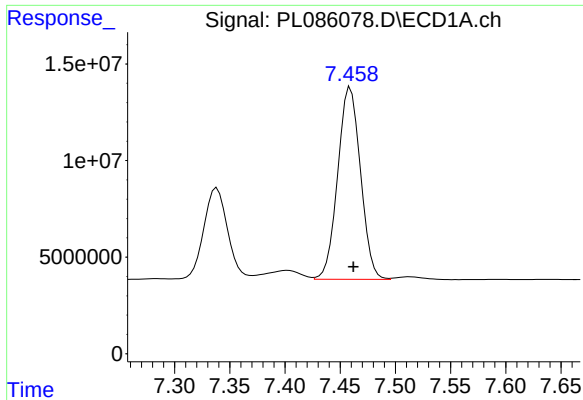
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 70419424
Conc: 50.42 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 28488765
Conc: 54.15 ng/ml



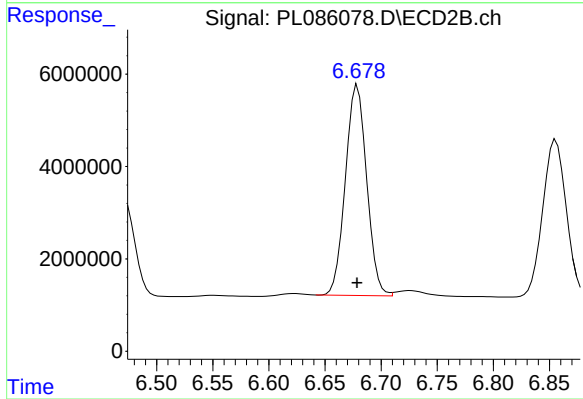
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 142955901
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

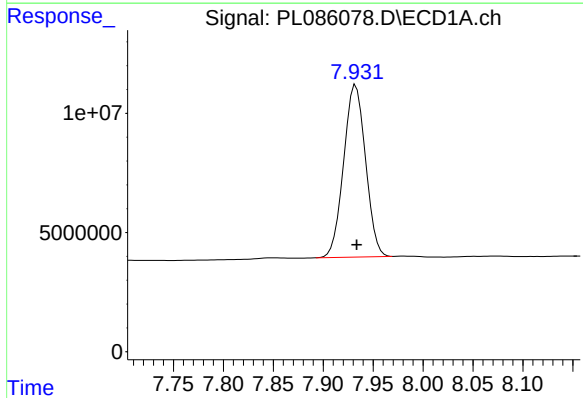
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Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



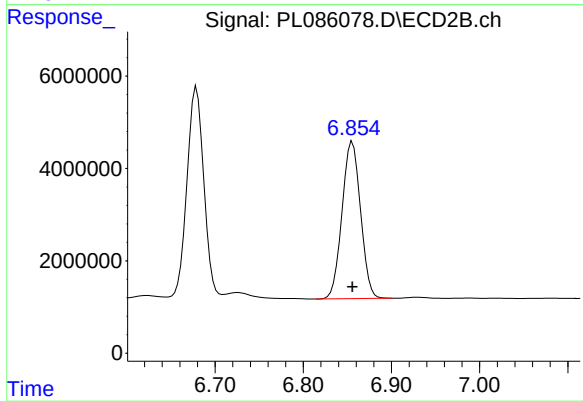
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 60187215
Conc: 52.36 ng/ml



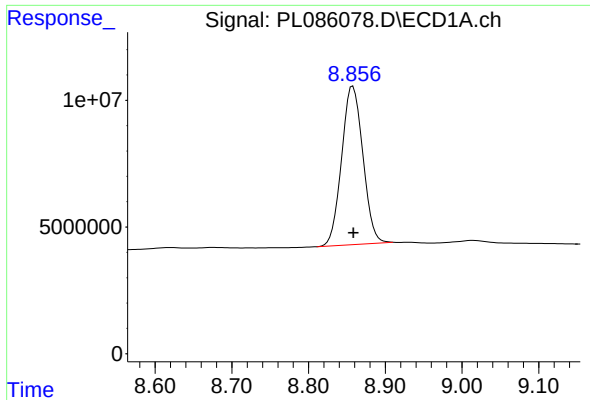
#22 Mirex

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 110367032
Conc: 49.85 ng/ml



#22 Mirex

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 49579504
Conc: 52.57 ng/ml



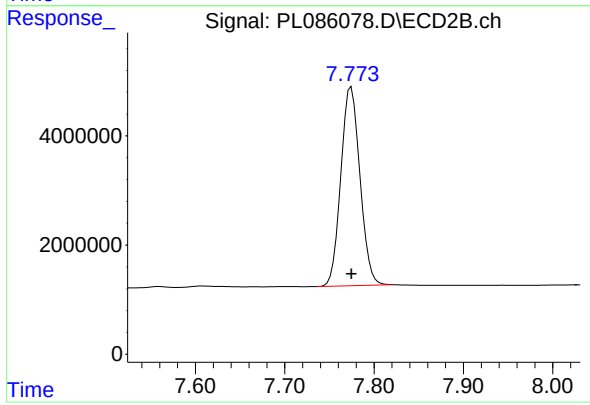
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: -0.001 min
Response: 121133650
Conc: 55.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/23/2023
Supervised By :Ankita Jodhani 10/23/2023



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 54169944
Conc: 58.69 ng/ml