

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
 Data File : PL082957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 May 2023 10:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/25/2023
 Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 21:19:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.329	2.638	134.6E6	112.0E6	45.804	43.152
28)	SA Decachlor...	8.751	7.750	113.2E6	117.1E6	53.979	47.092
Target Compounds							
2)	A alpha-BHC	3.779	3.135	203.8E6	161.0E6	45.898	43.148
3)	MA gamma-BHC...	4.107	3.462	187.1E6	148.6E6	45.167	44.583
4)	MA Heptachlor	4.685	3.794	176.2E6	154.9E6	46.104	42.308
5)	MB Aldrin	5.022	4.070	161.0E6	140.0E6	45.757	43.032
6)	B beta-BHC	4.311	3.763	79186765	61074748	42.060	42.707
7)	B delta-BHC	4.552	3.988	183.8E6	143.1E6	53.438	43.677
8)	B Heptachlo...	5.449	4.572	140.2E6	127.5E6	43.821	42.974
9)	A Endosulfan I	5.830	4.939	137.7E6	117.2E6	45.905	41.951
10)	B gamma-Chl...	5.702	4.821	144.9E6	128.8E6	45.609m	42.896
11)	B alpha-Chl...	5.781	4.883	148.7E6	127.7E6	46.321	42.554
12)	B 4,4'-DDE	5.960	5.074	128.1E6	117.9E6	46.489	48.539
13)	MA Dieldrin	6.104	5.204	137.2E6	122.1E6	45.599	43.244
14)	MA Endrin	6.330	5.478	113.8E6	104.5E6	42.345m	41.200
15)	B Endosulfa...	6.553	5.774	111.1E6	102.5E6	41.286	41.433m
16)	A 4,4'-DDD	6.476	5.630	108.6E6	90694134	49.959	47.157
17)	MA 4,4'-DDT	6.787	5.878	107.0E6	95729044	42.728	42.908
18)	B Endrin al...	6.683	5.955	94031946	84129436	46.767	42.544
19)	B Endosulfa...	6.918	6.178	116.0E6	104.9E6	45.237	42.831
20)	A Methoxychlor	7.268	6.457	55788431	51968094	42.188	40.864
21)	B Endrin ke...	7.395	6.683	124.1E6	121.9E6	48.634m	45.095
22)	Mirex	7.861	6.854	89540507	98376739	42.719	42.044

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052423\
Data File : PL082957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 May 2023 10:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

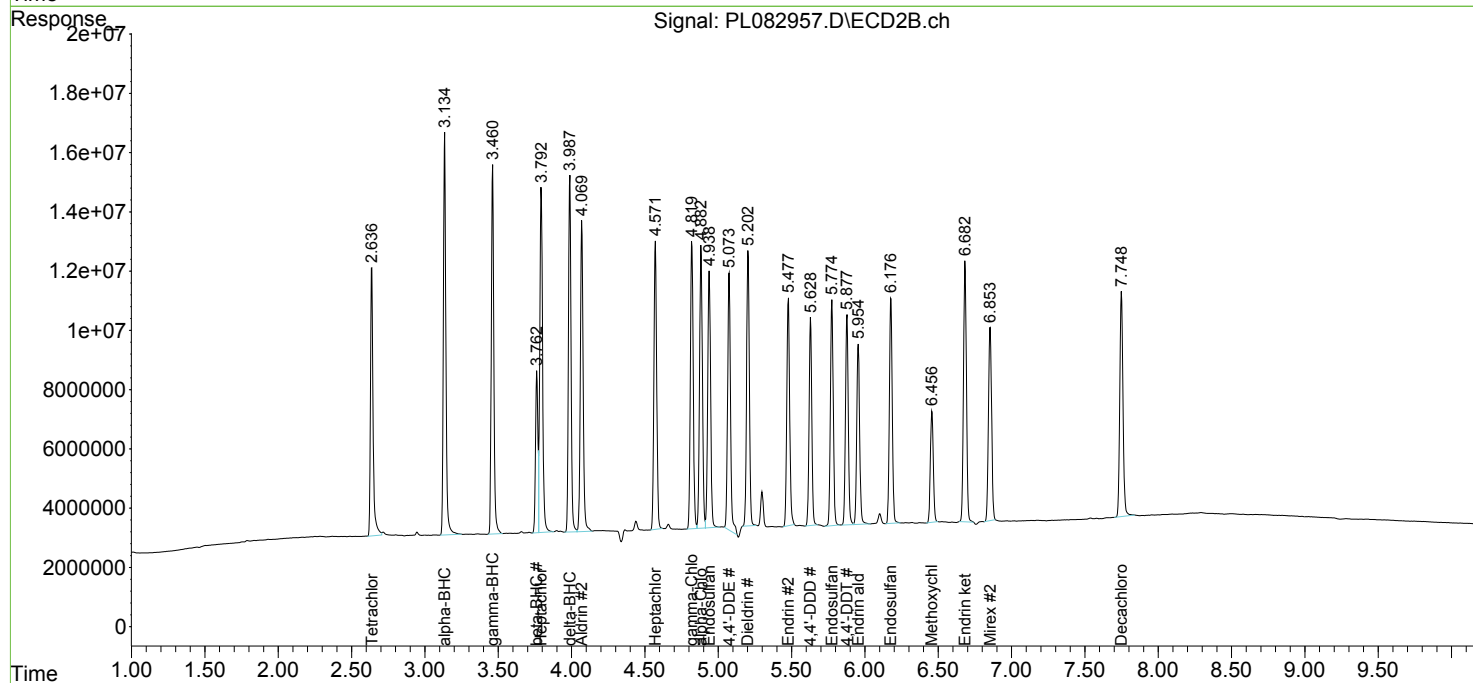
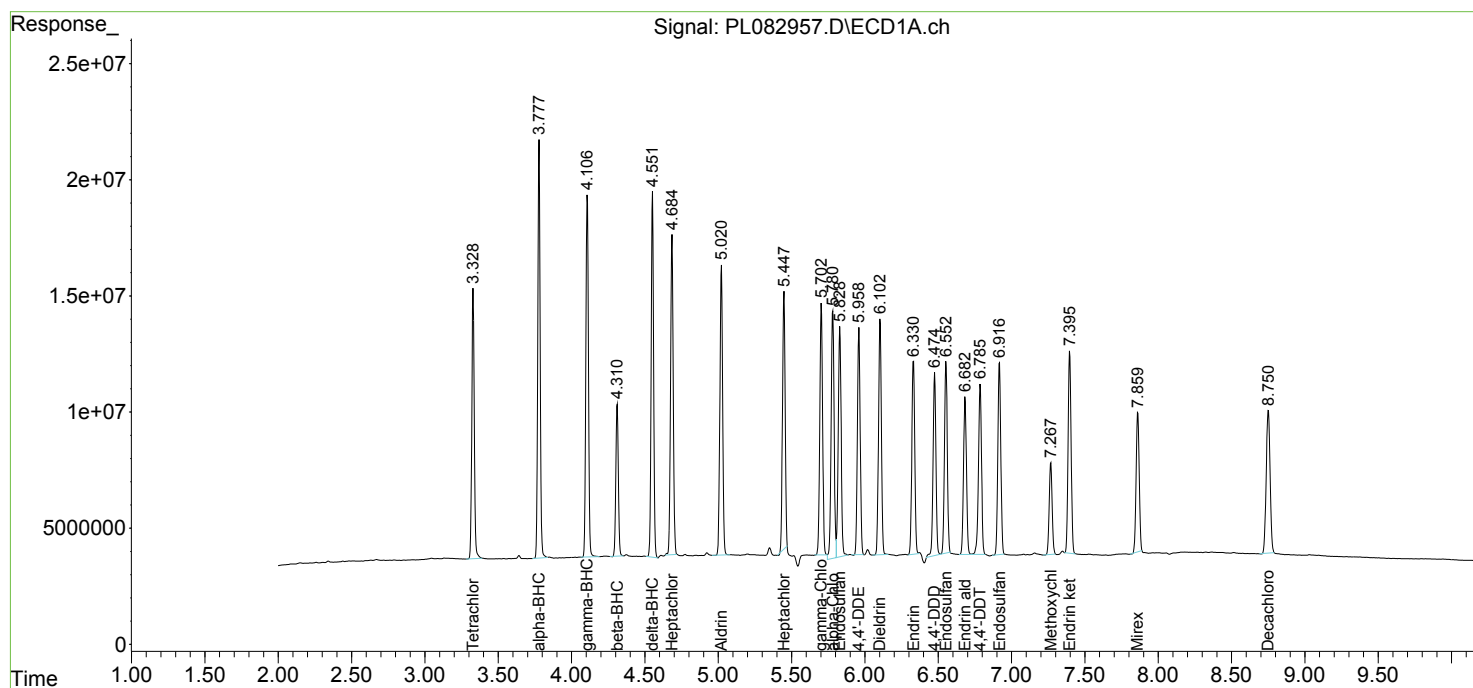
APPROVED

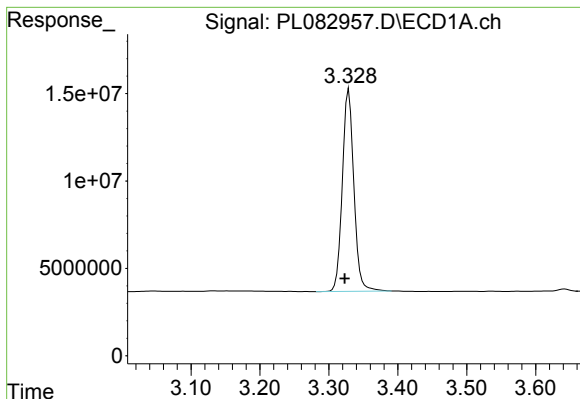
Reviewed By :Abdul Mirza 05/25/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 21:19:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





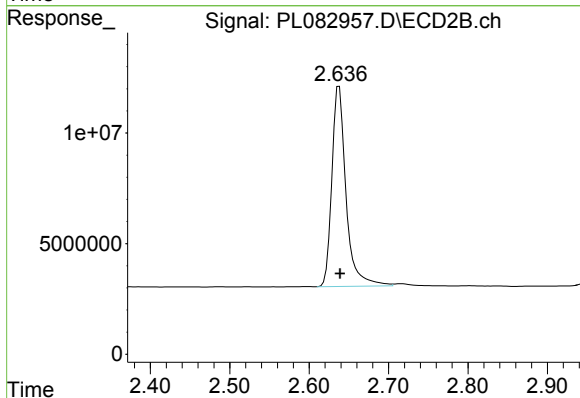
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: 0.006 min
Response: 134619636
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

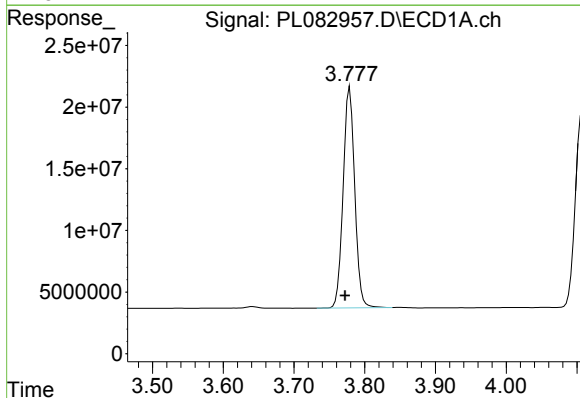
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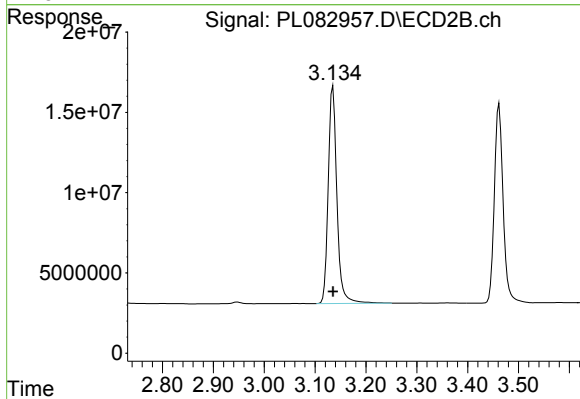
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 112027014
Conc: 43.15 ng/ml



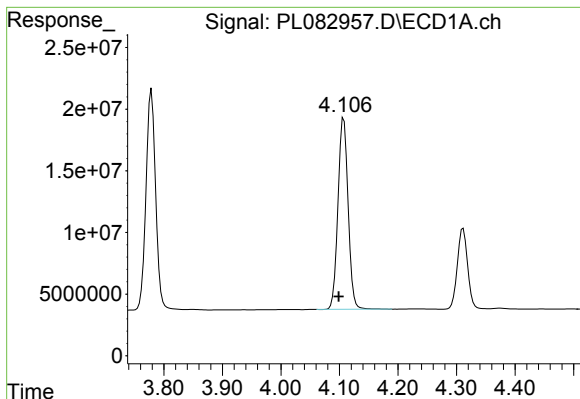
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.007 min
Response: 203752838
Conc: 45.90 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 161006194
Conc: 43.15 ng/ml



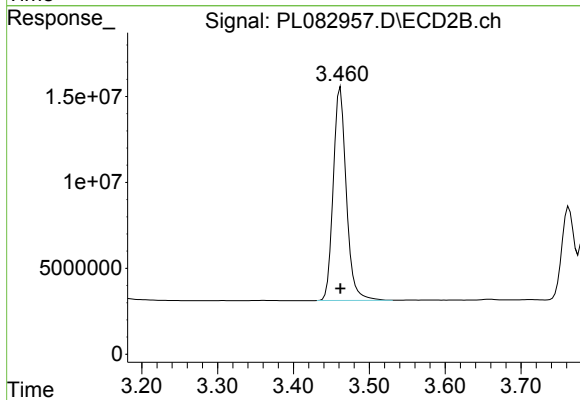
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: 0.008 min
Response: 187122490
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

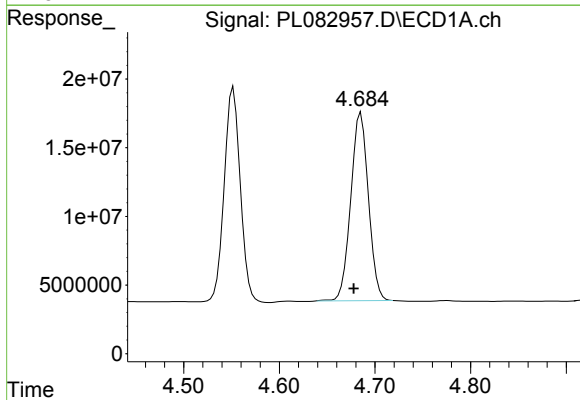
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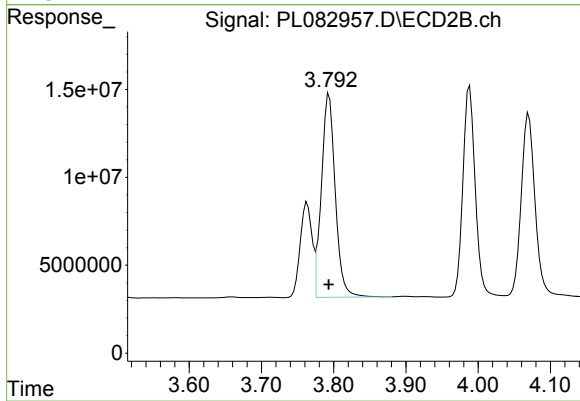
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 148608727
Conc: 44.58 ng/ml



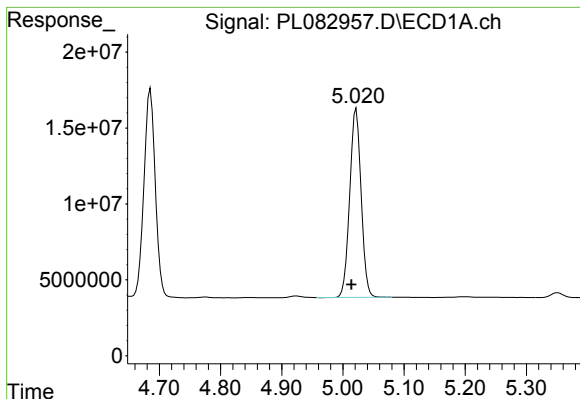
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: 0.007 min
Response: 176231690
Conc: 46.10 ng/ml



#4 Heptachlor

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 154891453
Conc: 42.31 ng/ml



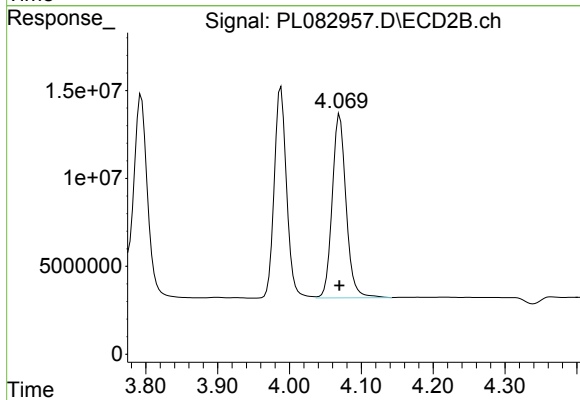
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: 0.008 min
Response: 160978301
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

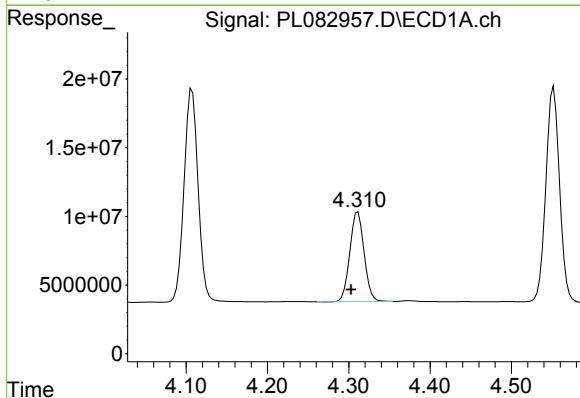
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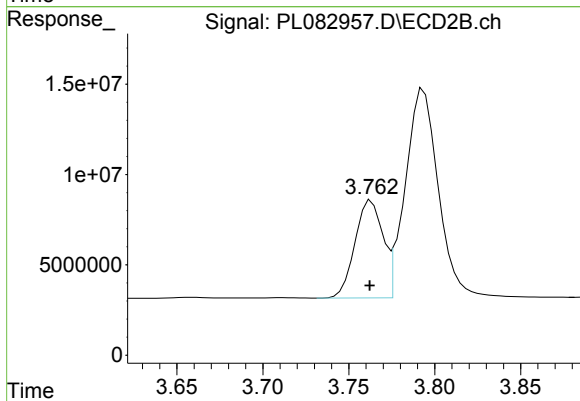
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 140011423
Conc: 43.03 ng/ml



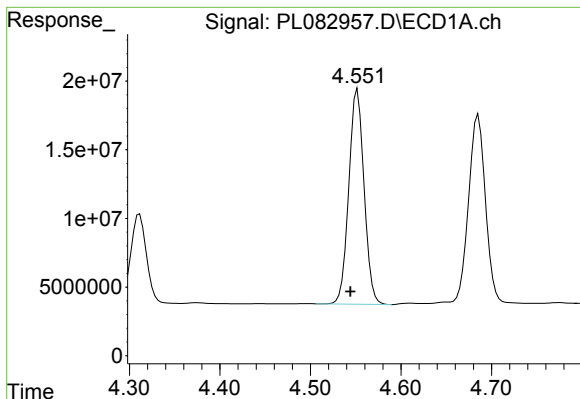
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: 0.008 min
Response: 79186765
Conc: 42.06 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 61074748
Conc: 42.71 ng/ml



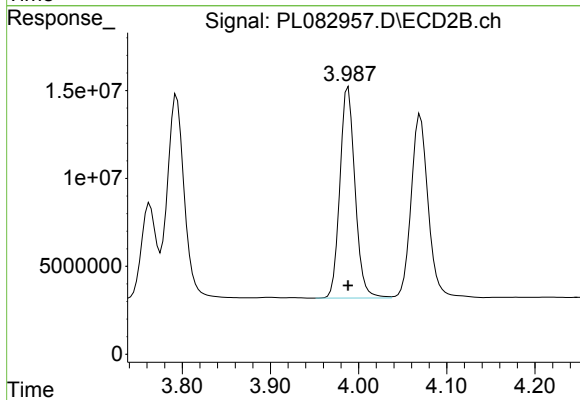
#7 delta-BHC

R.T.: 4.552 min
Delta R.T.: 0.008 min
Response: 183767432
Conc: 53.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

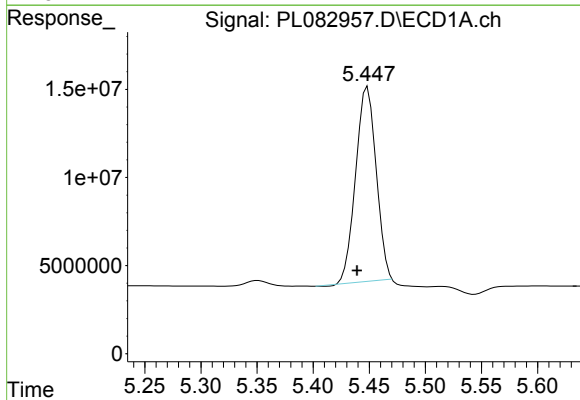
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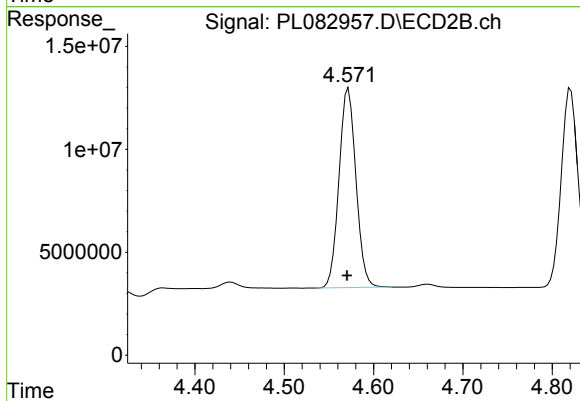
#7 delta-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 143107284
Conc: 43.68 ng/ml



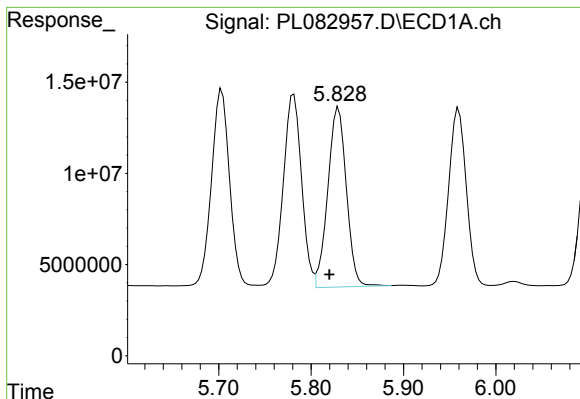
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: 0.010 min
Response: 140172504
Conc: 43.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 127542304
Conc: 42.97 ng/ml



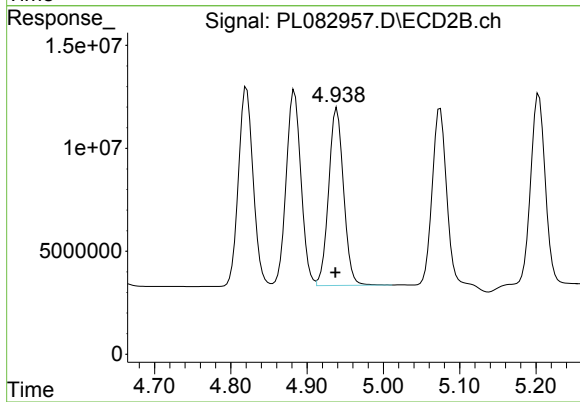
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: 0.010 min
Response: 137743149
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

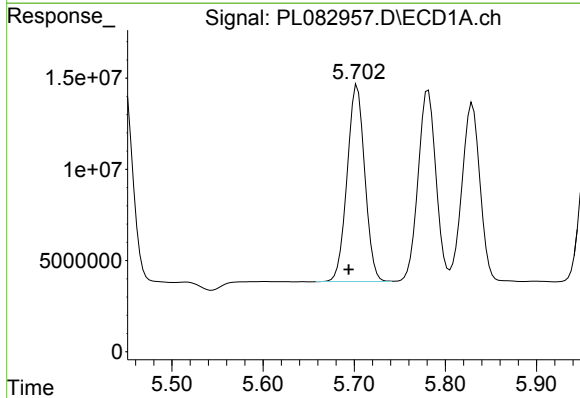
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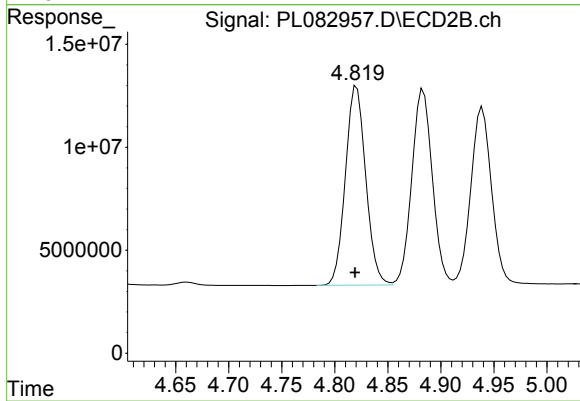
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 117225662
Conc: 41.95 ng/ml



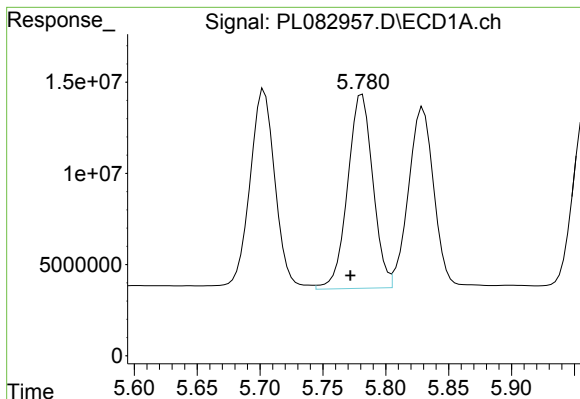
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: 0.008 min
Response: 144899884
Conc: 45.61 ng/ml m



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 128833054
Conc: 42.90 ng/ml



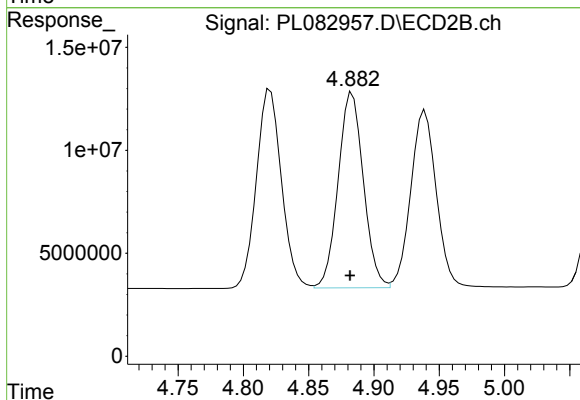
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: 0.009 min
Response: 148657428
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

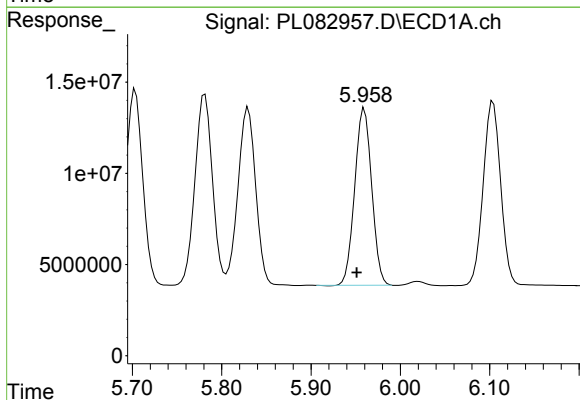
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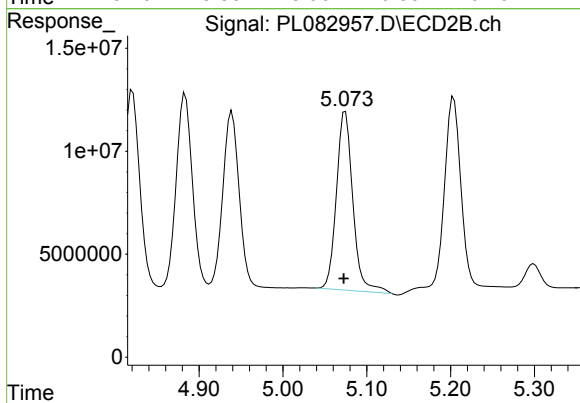
#11 alpha-Chlordane

R.T.: 4.883 min
Delta R.T.: 0.002 min
Response: 127747351
Conc: 42.55 ng/ml



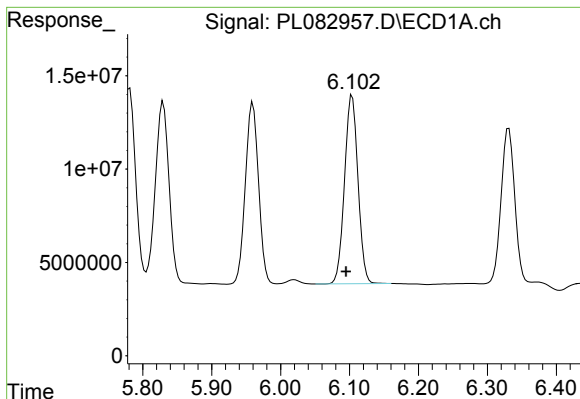
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: 0.009 min
Response: 128146897
Conc: 46.49 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 117889048
Conc: 48.54 ng/ml



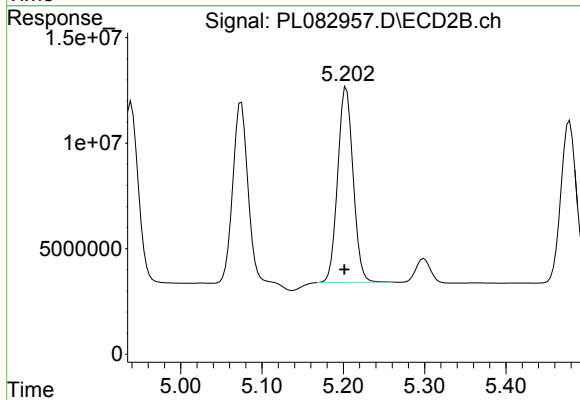
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: 0.009 min
Response: 137154848
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

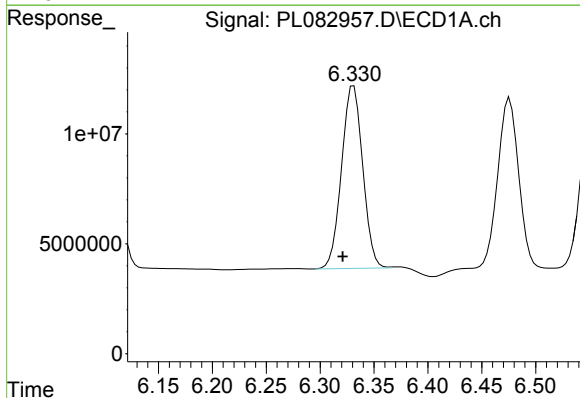
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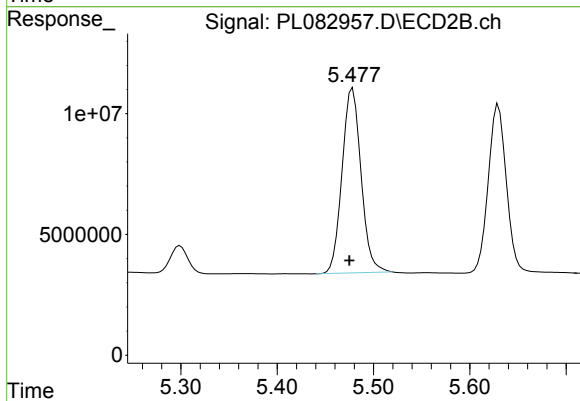
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: 0.003 min
Response: 122073992
Conc: 43.24 ng/ml



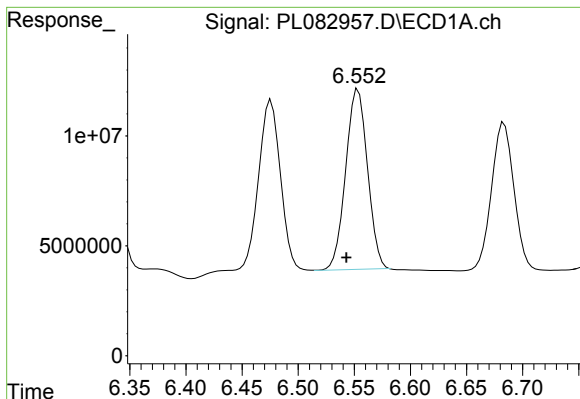
#14 Endrin

R.T.: 6.330 min
Delta R.T.: 0.009 min
Response: 113790559
Conc: 42.34 ng/ml m



#14 Endrin

R.T.: 5.478 min
Delta R.T.: 0.003 min
Response: 104523017
Conc: 41.20 ng/ml



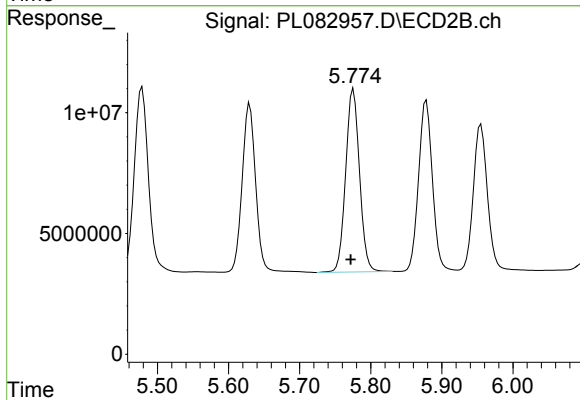
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: 0.010 min
Response: 111141578
Conc: 41.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

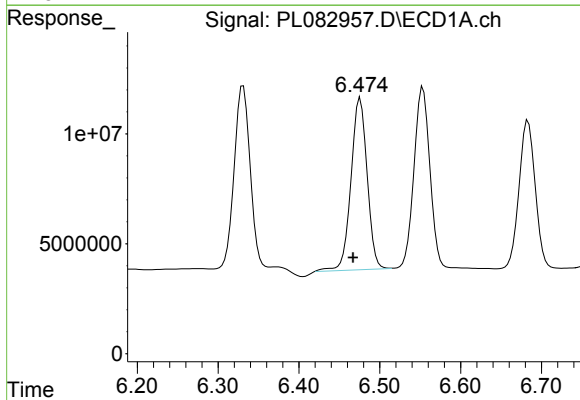
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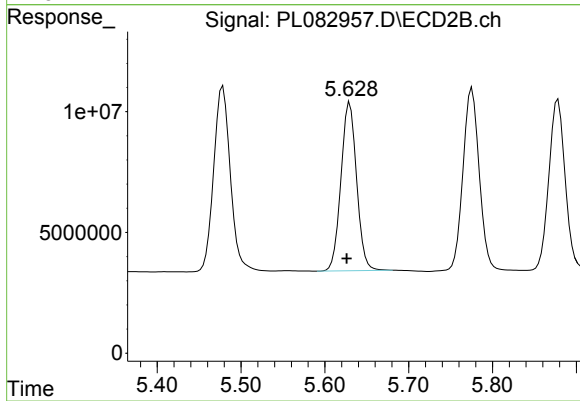
#15 Endosulfan II

R.T.: 5.774 min
Delta R.T.: 0.002 min
Response: 102513647
Conc: 41.43 ng/ml m



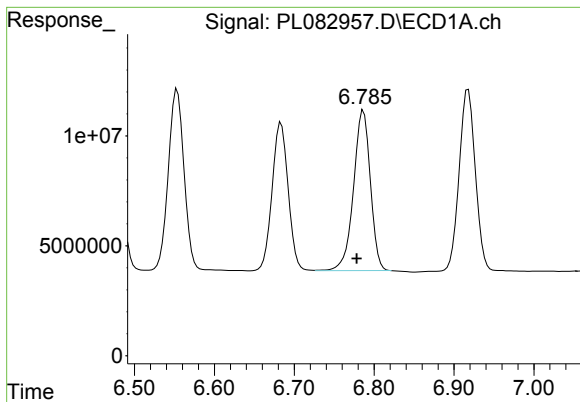
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: 0.009 min
Response: 108564774
Conc: 49.96 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.004 min
Response: 90694134
Conc: 47.16 ng/ml



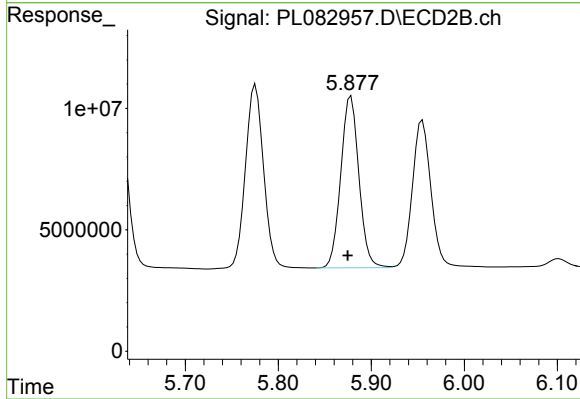
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: 0.009 min
Response: 106954511
Conc: 42.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

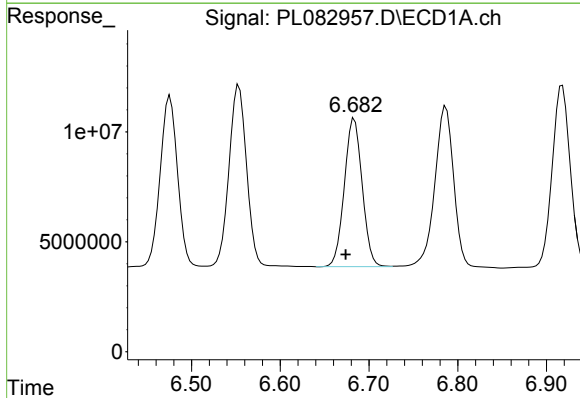
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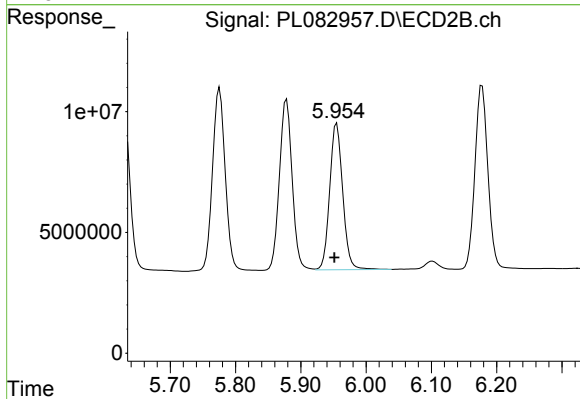
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: 0.004 min
Response: 95729044
Conc: 42.91 ng/ml



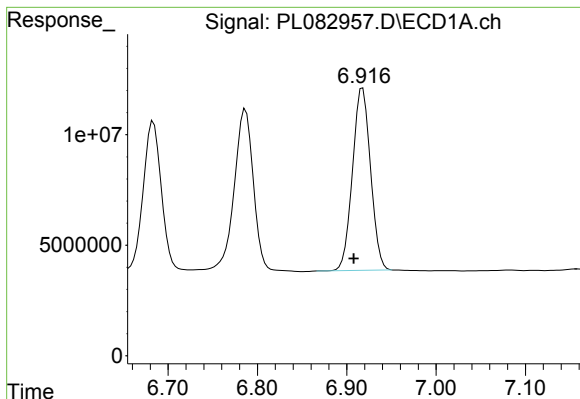
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: 0.009 min
Response: 94031946
Conc: 46.77 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 84129436
Conc: 42.54 ng/ml



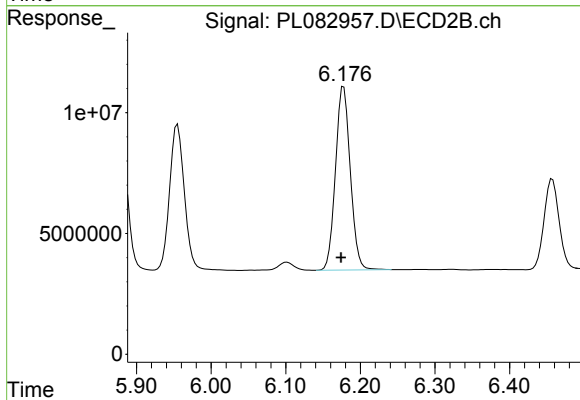
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: 0.010 min
Response: 115974676
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

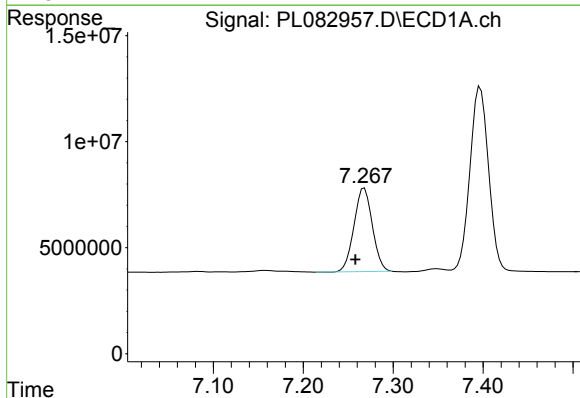
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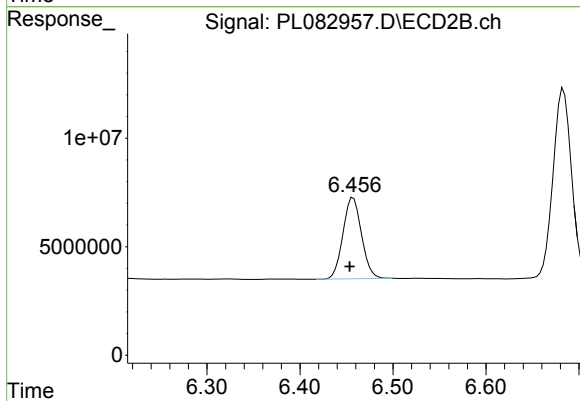
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.004 min
Response: 104891901
Conc: 42.83 ng/ml



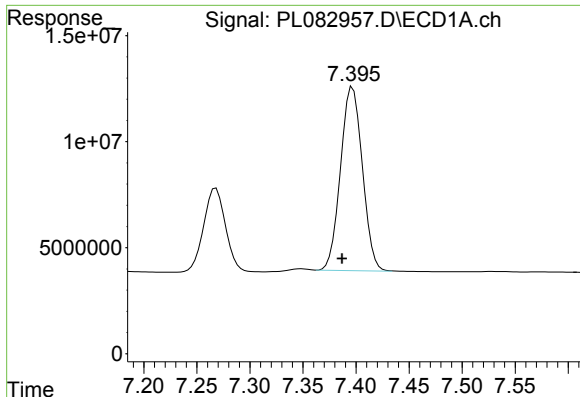
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: 0.010 min
Response: 55788431
Conc: 42.19 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: 0.004 min
Response: 51968094
Conc: 40.86 ng/ml



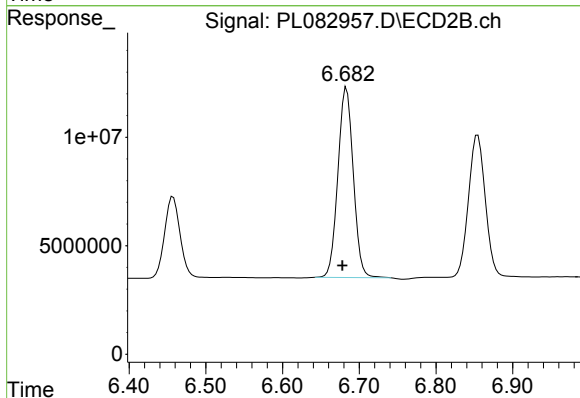
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: 0.008 min
Response: 124056178
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

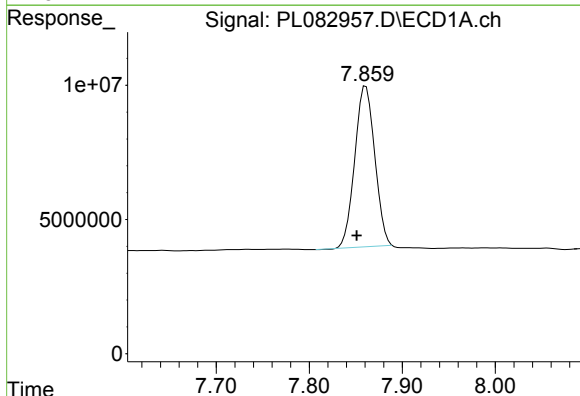
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APPROVED

Reviewed By :Abdul Mirza 05/25/2023
Supervised By :Ankita Jodhani 05/26/2023



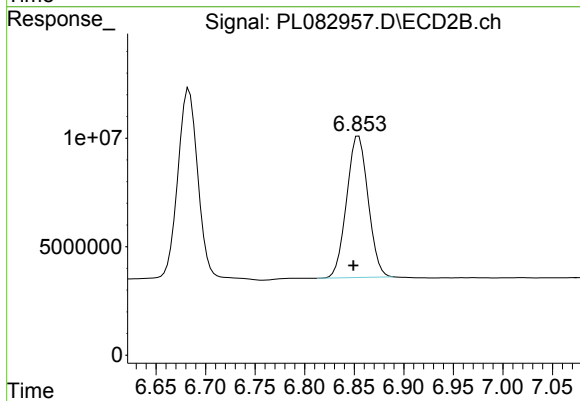
#21 Endrin ketone

R.T.: 6.683 min
Delta R.T.: 0.005 min
Response: 121929018
Conc: 45.09 ng/ml



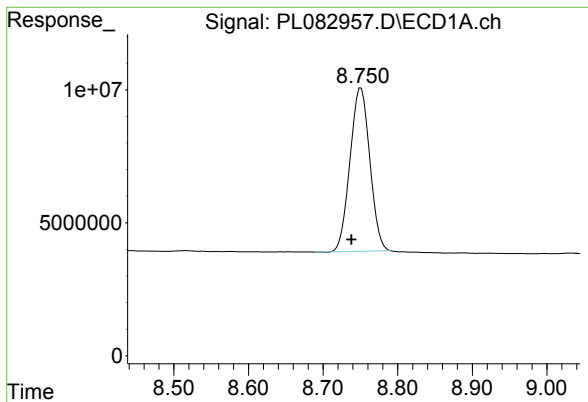
#22 Mirex

R.T.: 7.861 min
Delta R.T.: 0.010 min
Response: 89540507
Conc: 42.72 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: 0.005 min
Response: 98376739
Conc: 42.04 ng/ml



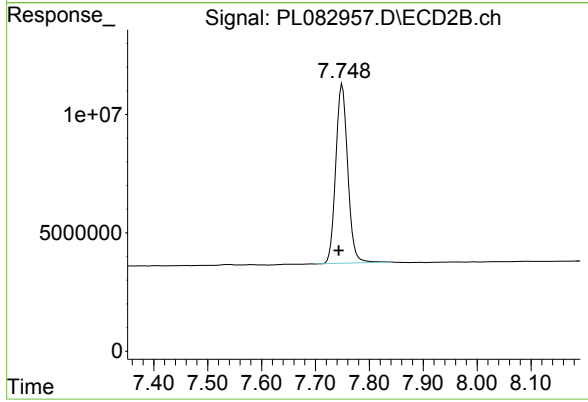
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: 0.013 min
Response: 113212441
Conc: 53.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: 0.006 min
Response: 117095592
Conc: 47.09 ng/ml