

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 18:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/03/2023
 Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 06:17:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.328	2.656	111.5E6	98275653	47.959	49.233
28) SA Decachlor...	8.748	7.773	81240700	96808765	45.395	48.813
Target Compounds						
2) A alpha-BHC	3.777	3.155	169.2E6	144.1E6	49.349	49.445
3) MA gamma-BHC...	4.106	3.482	154.8E6	136.1E6	48.721	48.894
4) MA Heptachlor	4.683	3.815	143.8E6	136.3E6	45.616m	47.541
5) MB Aldrin	5.021	4.093	137.9E6	136.3E6	48.195	51.167
6) B beta-BHC	4.307	3.781	69731822	58973100	46.331	49.516
7) B delta-BHC	4.549	4.008	151.8E6	134.2E6	49.958	51.888
8) B Heptachlo...	5.447	4.593	130.2E6	122.7E6	47.858	50.520m
9) A Endosulfan I	5.828	4.962	113.4E6	107.9E6	45.908	48.881
10) B gamma-Chl...	5.702	4.843	125.9E6	124.7E6	47.941	51.300
11) B alpha-Chl...	5.780	4.906	122.7E6	123.9E6	47.410	50.996
12) B 4,4'-DDE	5.958	5.096	106.4E6	103.4E6	47.219	52.500m
13) MA Dieldrin	6.103	5.226	113.6E6	116.5E6	46.924	51.772
14) MA Endrin	6.330	5.500	95860967	102.5E6	45.319	50.663
15) B Endosulfa...	6.552	5.795	95048731	95442358	44.790	52.613m
16) A 4,4'-DDD	6.474	5.651	88601889	88638228	49.128	58.409
17) MA 4,4'-DDT	6.785	5.900	83098530	80685675	40.943	46.821
18) B Endrin al...	6.681	5.977	76864235	77913974	46.980	50.170
19) B Endosulfa...	6.916	6.199	98807169	98445438	47.411	50.597
20) A Methoxychlor	7.265	6.480	44526763	47132147	41.347	47.320
21) B Endrin ke...	7.395	6.705	99557780	112.4E6	47.529	52.580
22) Mirex	7.859	6.877	77877188	95904063	45.455m	49.957

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081824.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 18:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

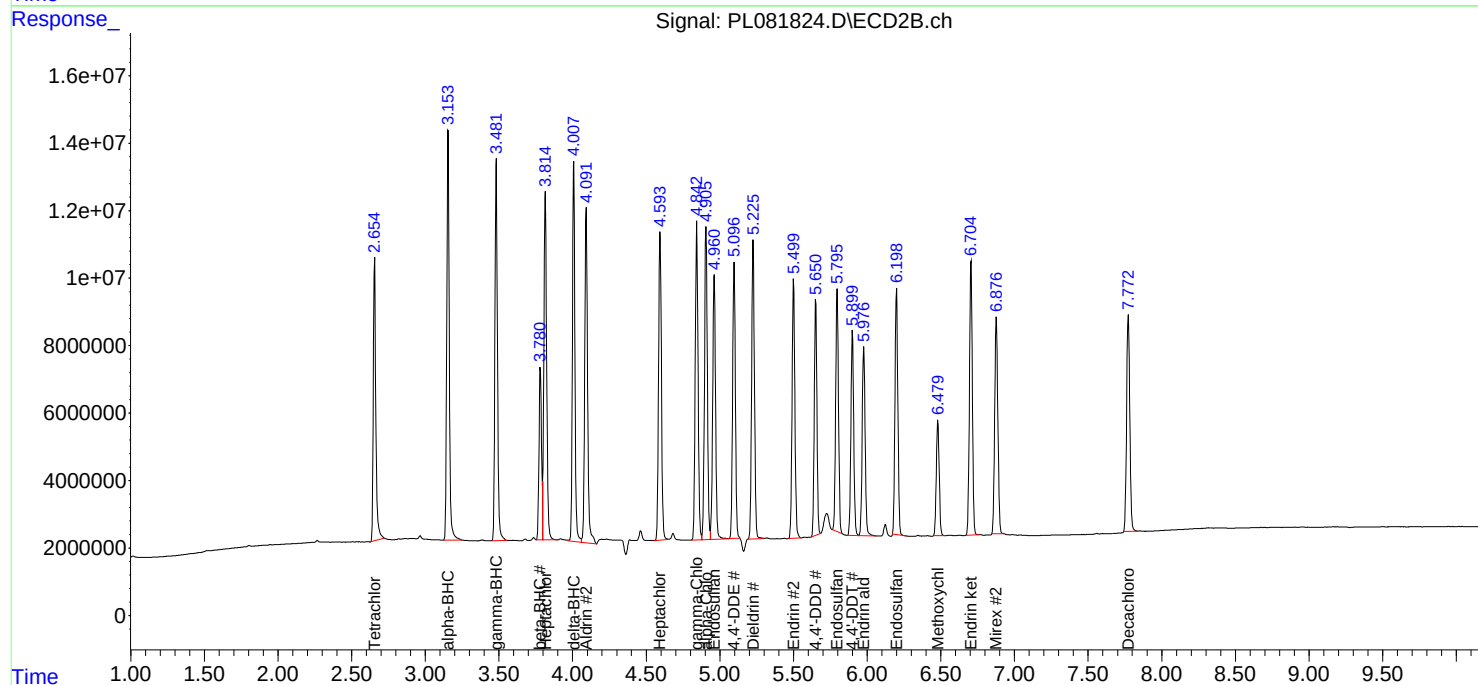
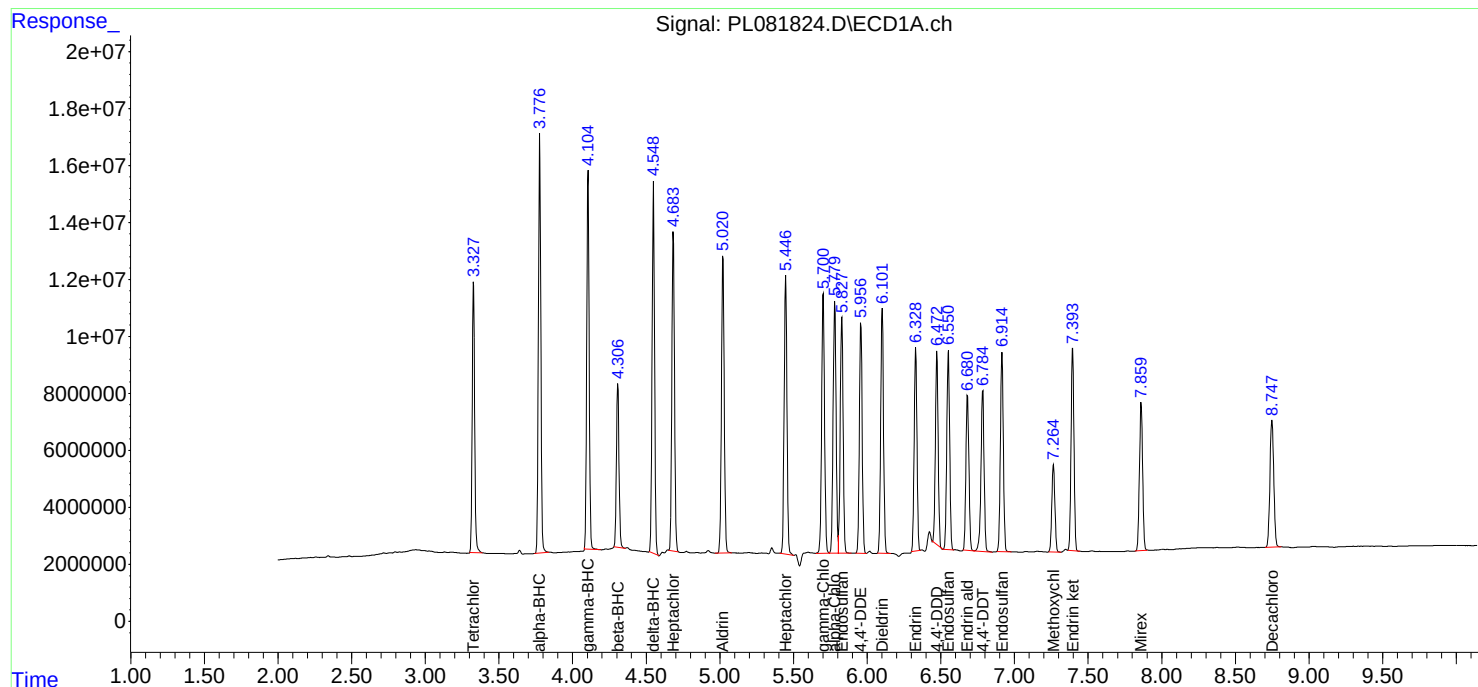
APPROVED

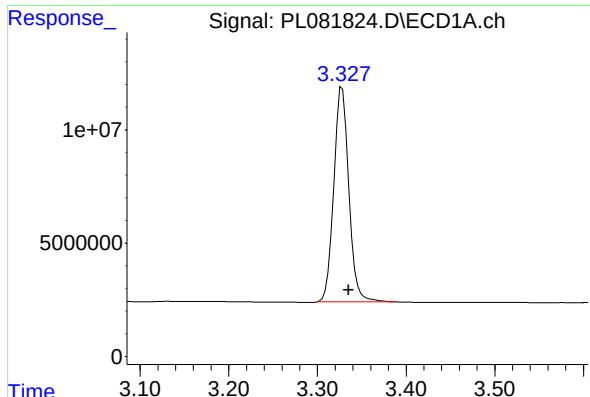
Reviewed By :Abdul Mirza 04/03/2023

Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 06:17:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





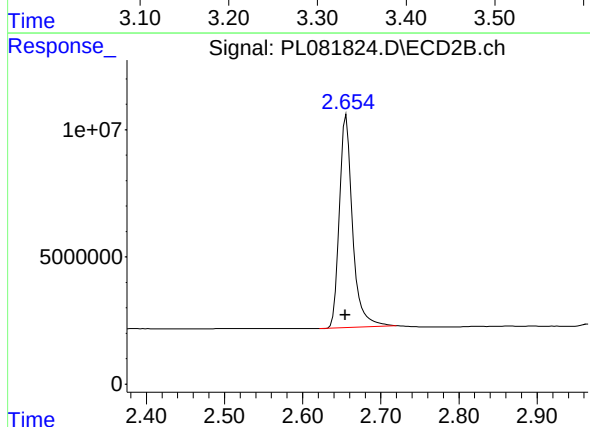
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 111547132
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

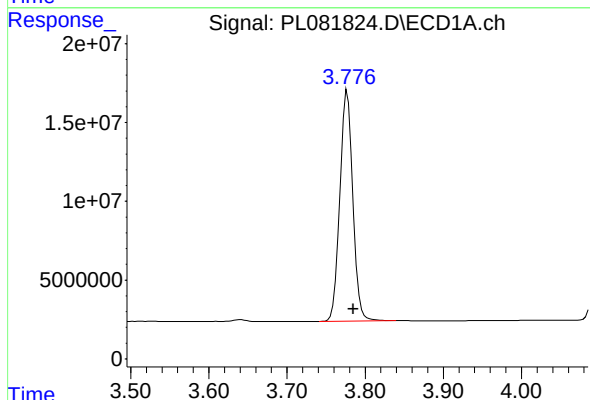
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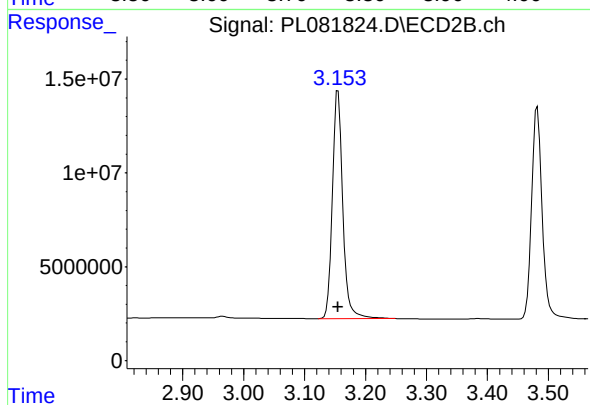
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.001 min
Response: 98275653
Conc: 49.23 ng/ml



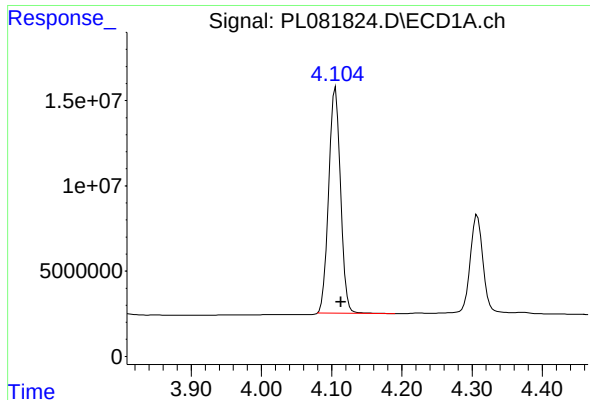
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: -0.008 min
Response: 169188405
Conc: 49.35 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 144133177
Conc: 49.45 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.008 min
Response: 154779133
Conc: 48.72 ng/ml

Instrument :

ECD_L

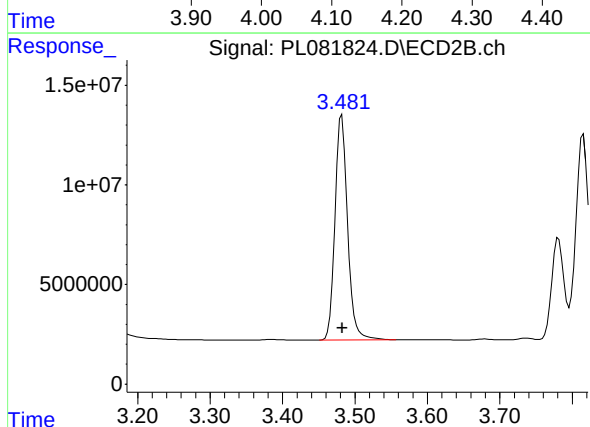
ClientSampleId :

PSTDCCC050

Manual Integrations

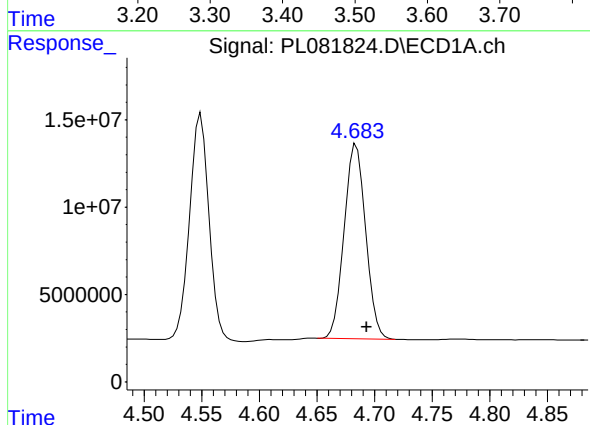
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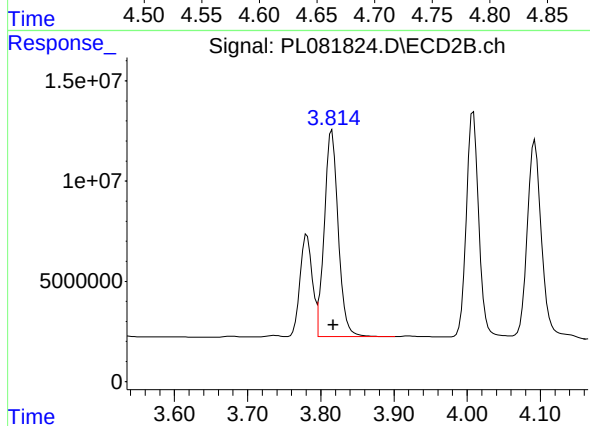
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 136131470
Conc: 48.89 ng/ml



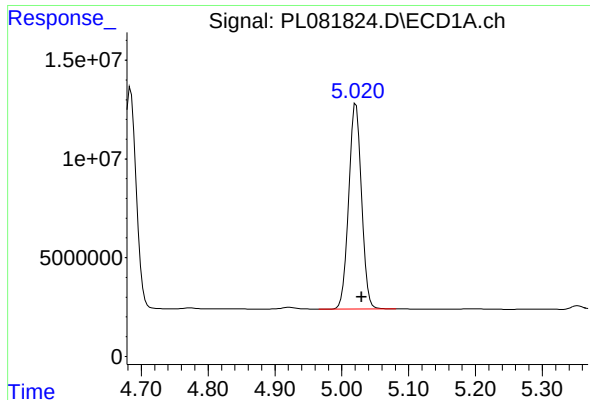
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.011 min
Response: 143789189
Conc: 45.62 ng/ml m



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 136299476
Conc: 47.54 ng/ml



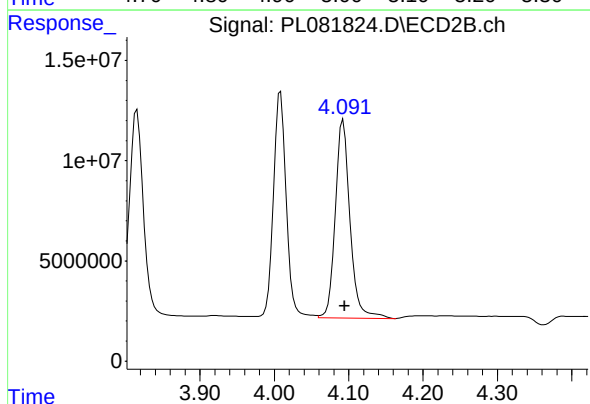
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.008 min
Response: 137851248
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

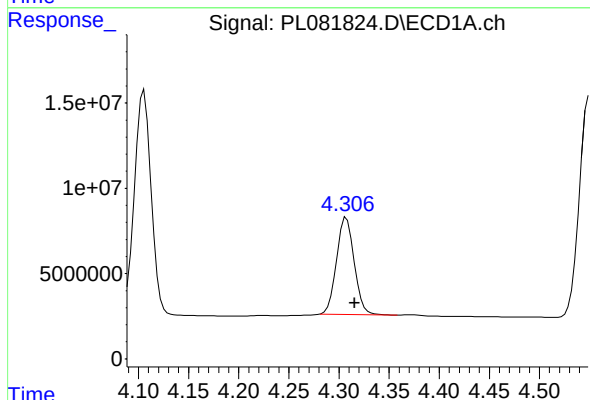
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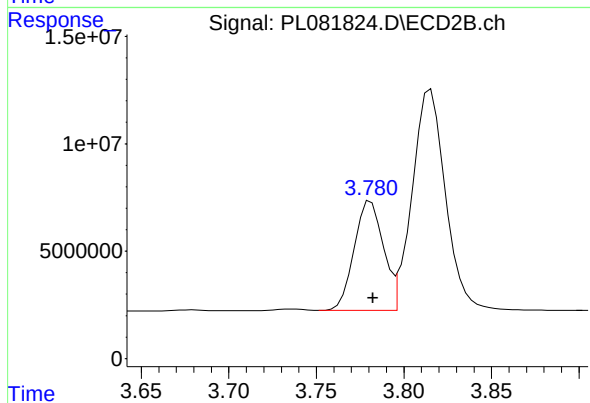
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: -0.002 min
Response: 136332676
Conc: 51.17 ng/ml



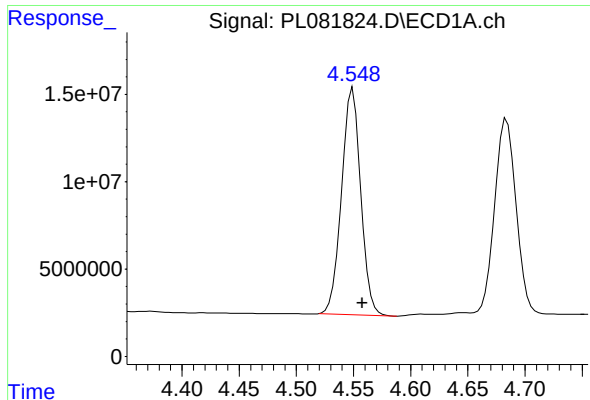
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 69731822
Conc: 46.33 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 58973100
Conc: 49.52 ng/ml



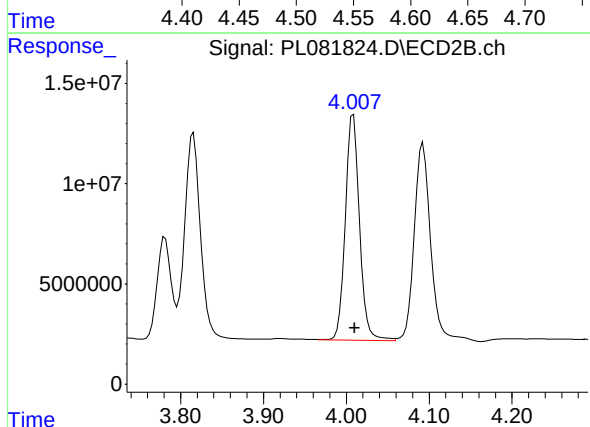
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 151832753
Conc: 49.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

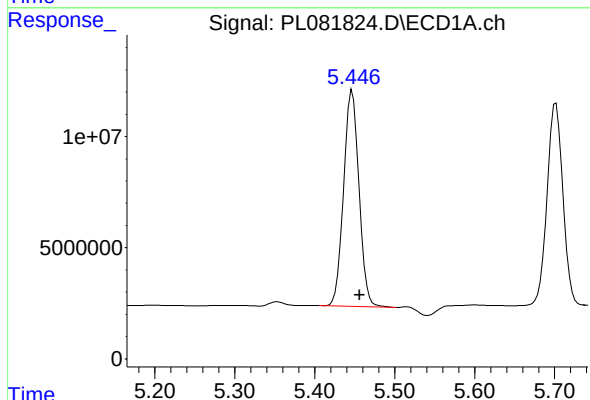
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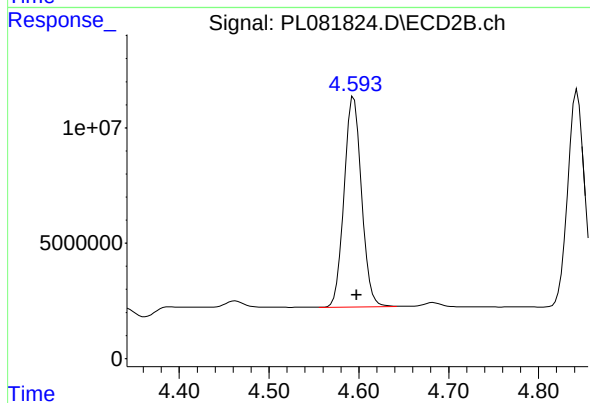
#7 delta-BHC

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 134188612
Conc: 51.89 ng/ml



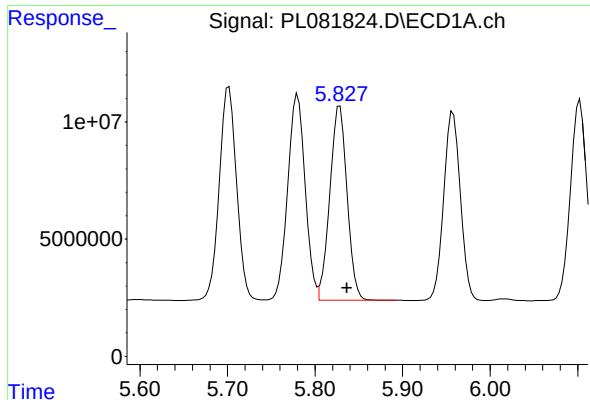
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 130175817
Conc: 47.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 122699565
Conc: 50.52 ng/ml m



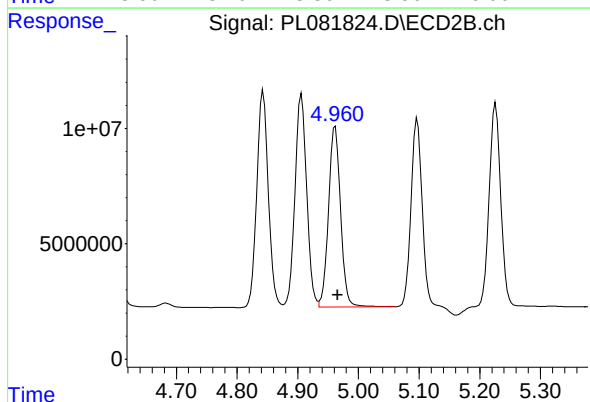
#9 Endosulfan I

R.T.: 5.828 min
Delta R.T.: -0.008 min
Response: 113431323
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

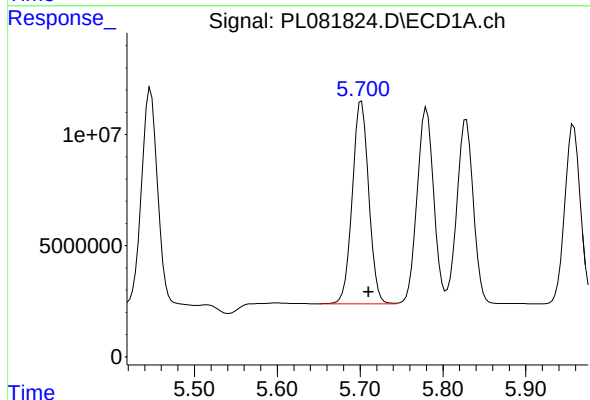
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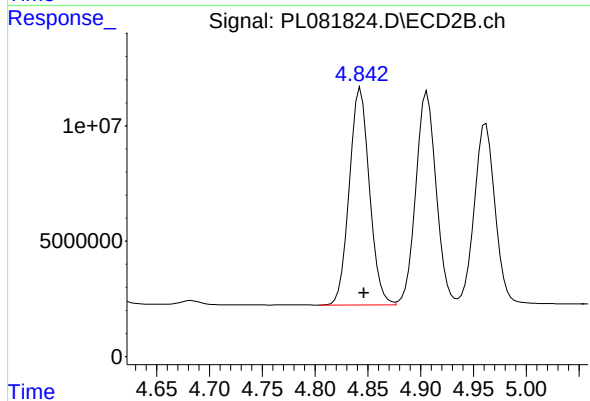
#9 Endosulfan I

R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 107916686
Conc: 48.88 ng/ml



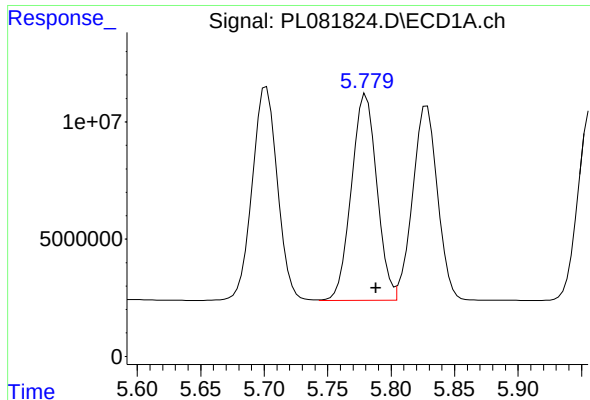
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.009 min
Response: 125857391
Conc: 47.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 124677305
Conc: 51.30 ng/ml



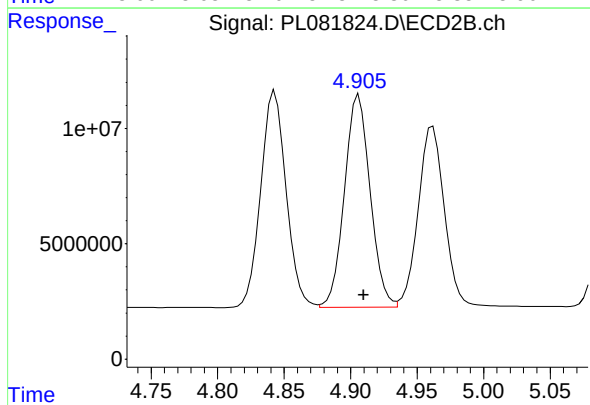
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 122715830
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

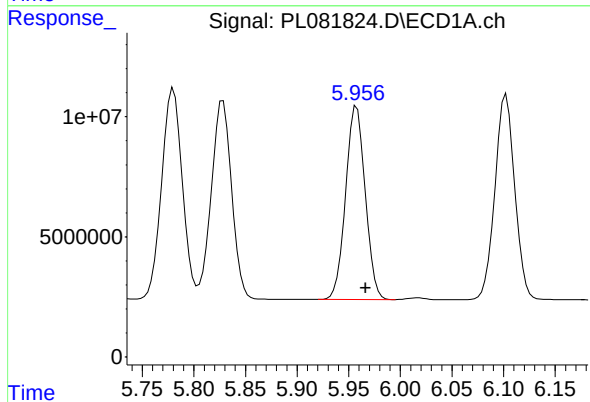
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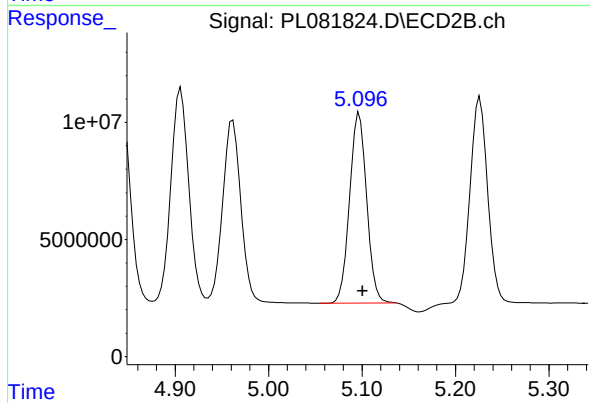
#11 alpha-Chlordane

R.T.: 4.906 min
Delta R.T.: -0.004 min
Response: 123865179
Conc: 51.00 ng/ml



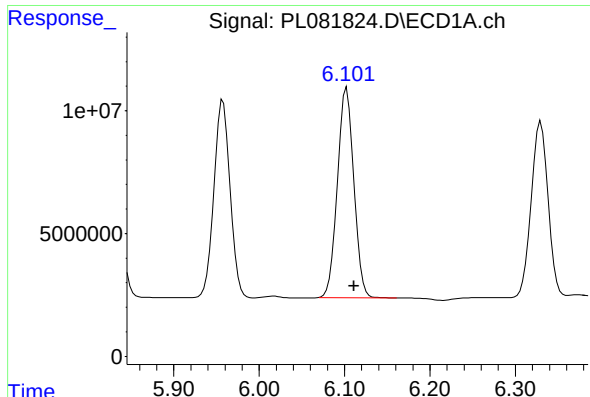
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.009 min
Response: 106413811
Conc: 47.22 ng/ml



#12 4,4'-DDE

R.T.: 5.096 min
Delta R.T.: -0.005 min
Response: 103413552
Conc: 52.50 ng/ml m



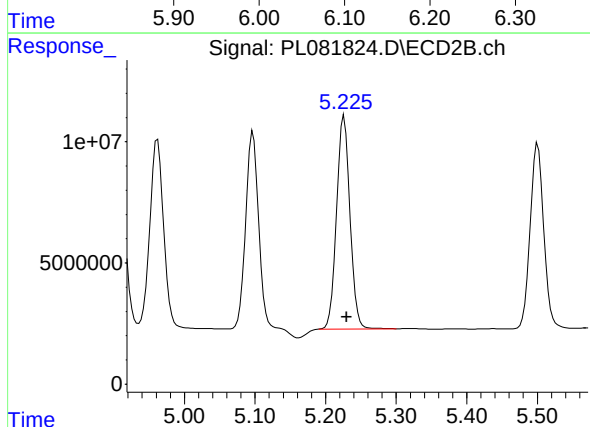
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.009 min
Response: 113600811
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

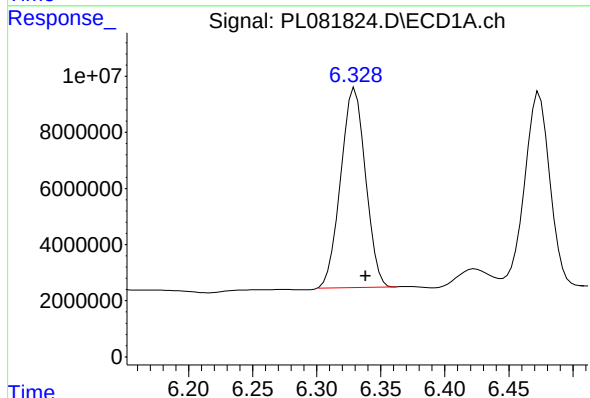
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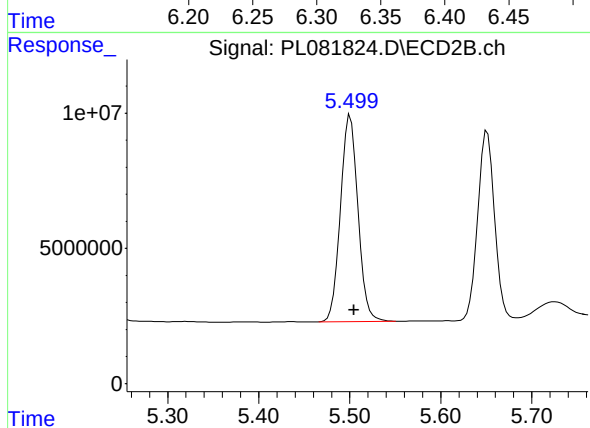
#13 Dieldrin

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 116457606
Conc: 51.77 ng/ml



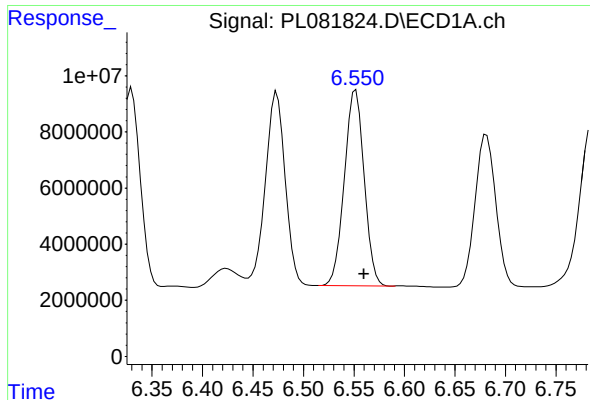
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 95860967
Conc: 45.32 ng/ml



#14 Endrin

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 102526909
Conc: 50.66 ng/ml



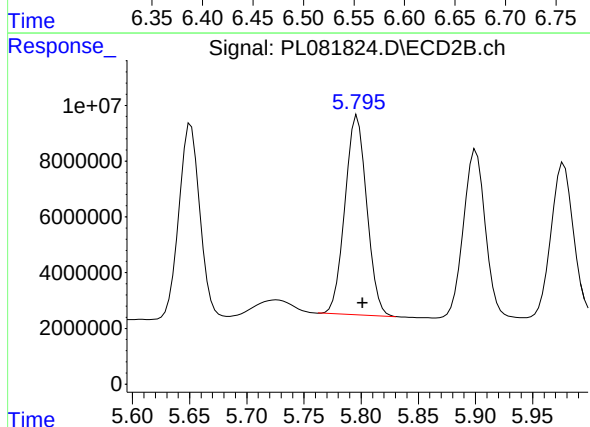
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.008 min
Response: 95048731
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

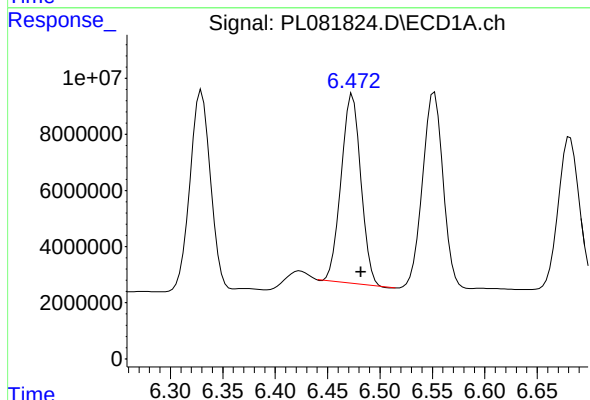
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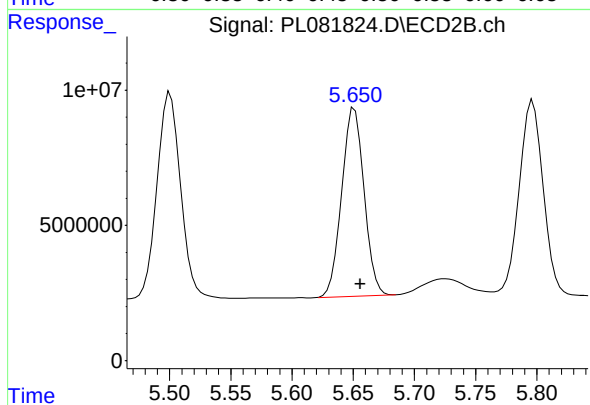
#15 Endosulfan II

R.T.: 5.795 min
Delta R.T.: -0.006 min
Response: 95442358
Conc: 52.61 ng/ml



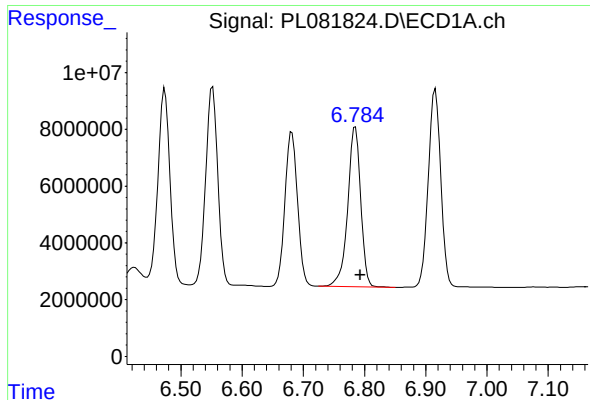
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 88601889
Conc: 49.13 ng/ml



#16 4,4'-DDD

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 88638228
Conc: 58.41 ng/ml



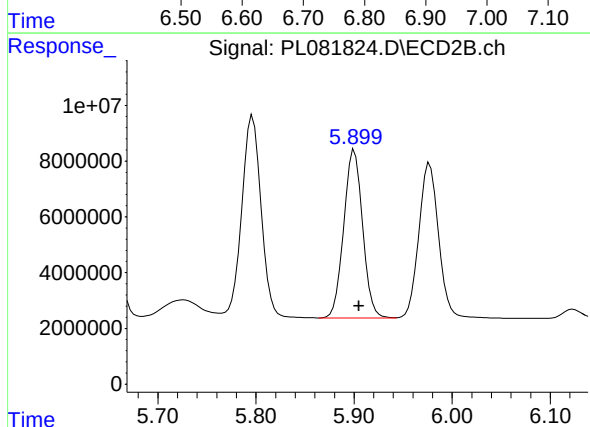
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: -0.008 min
Response: 83098530
Conc: 40.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

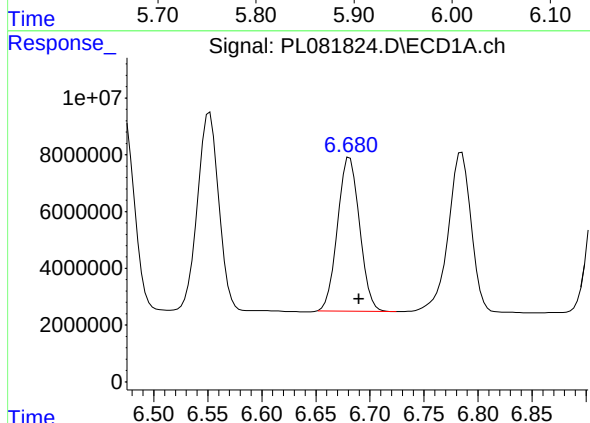
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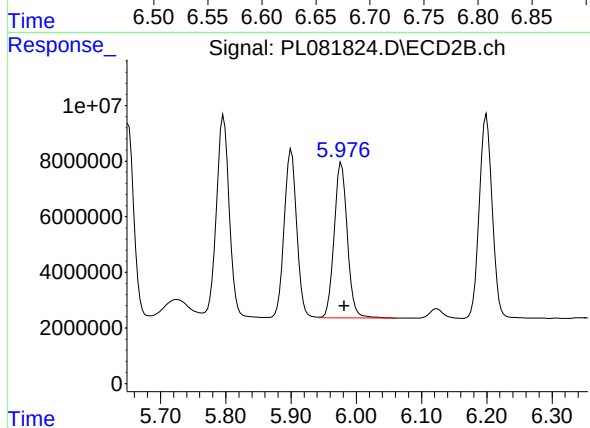
#17 4,4'-DDT

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 80685675
Conc: 46.82 ng/ml



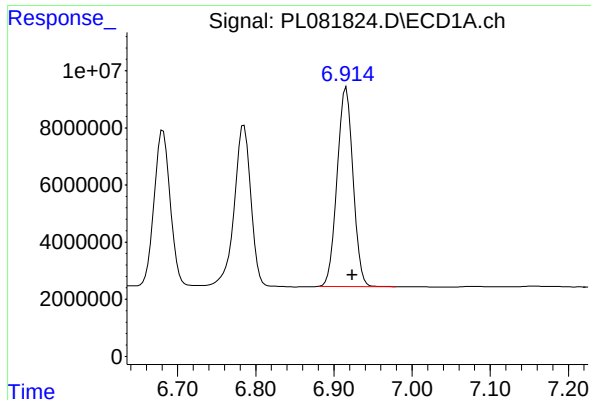
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 76864235
Conc: 46.98 ng/ml



#18 Endrin aldehyde

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 77913974
Conc: 50.17 ng/ml



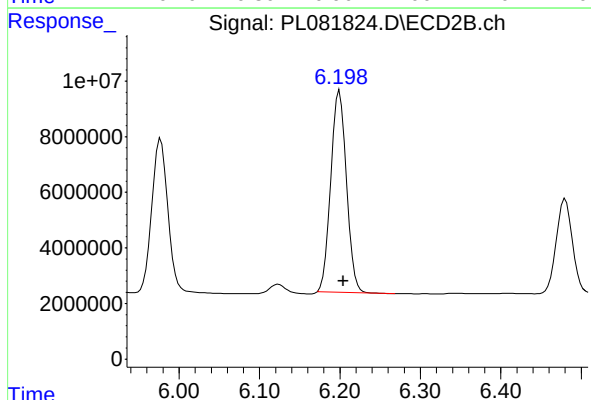
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.008 min
Response: 98807169
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

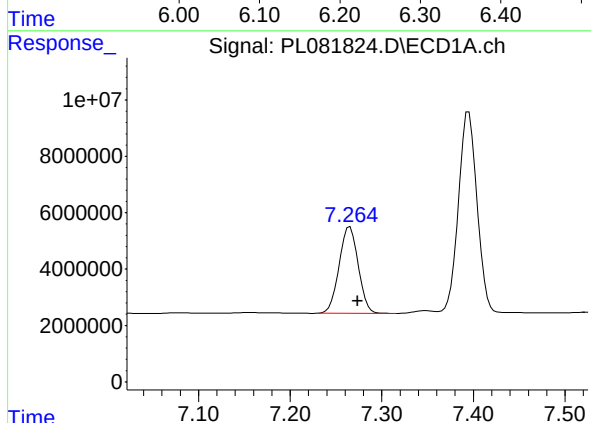
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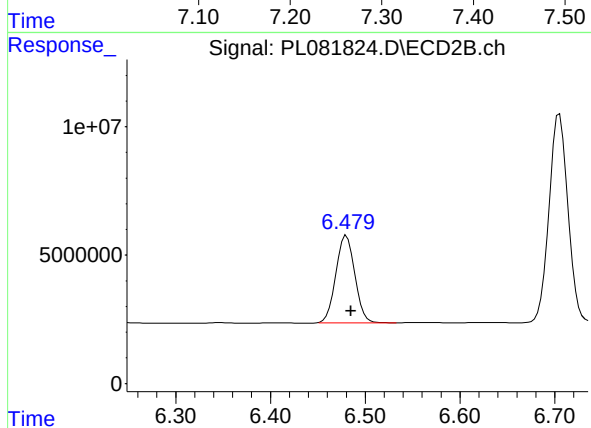
#19 Endosulfan Sulfate

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 98445438
Conc: 50.60 ng/ml



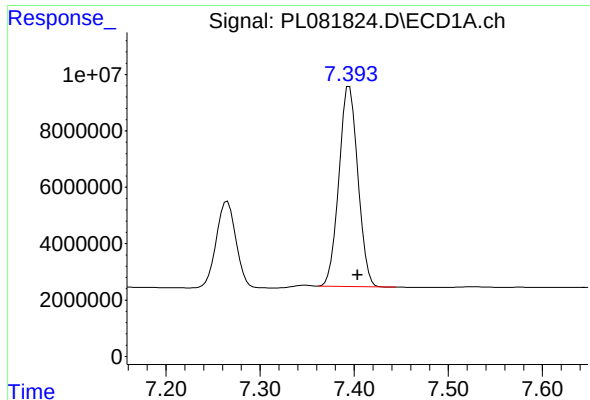
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.009 min
Response: 44526763
Conc: 41.35 ng/ml



#20 Methoxychlor

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 47132147
Conc: 47.32 ng/ml



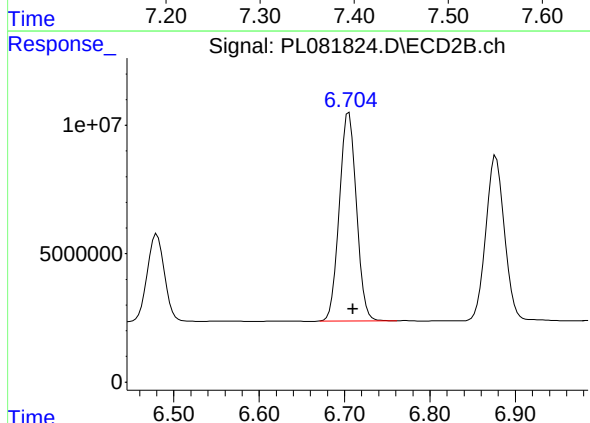
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.009 min
Response: 99557780
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

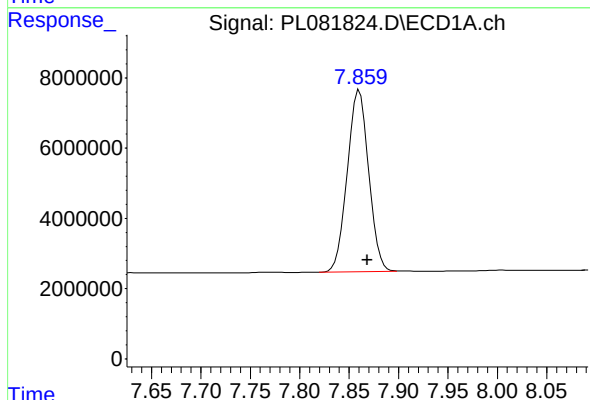
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Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



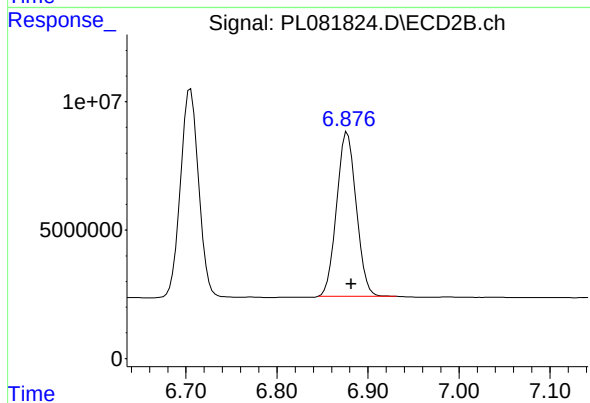
#21 Endrin ketone

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 112363655
Conc: 52.58 ng/ml



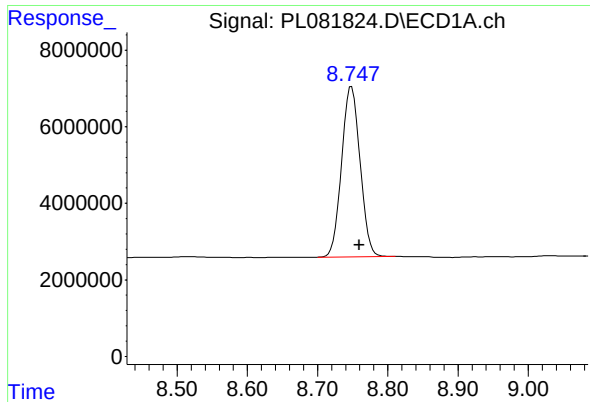
#22 Mirex

R.T.: 7.859 min
Delta R.T.: -0.010 min
Response: 77877188
Conc: 45.46 ng/ml m



#22 Mirex

R.T.: 6.877 min
Delta R.T.: -0.004 min
Response: 95904063
Conc: 49.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.011 min
Response: 81240700
Conc: 45.40 ng/ml

Instrument :

ECD_L

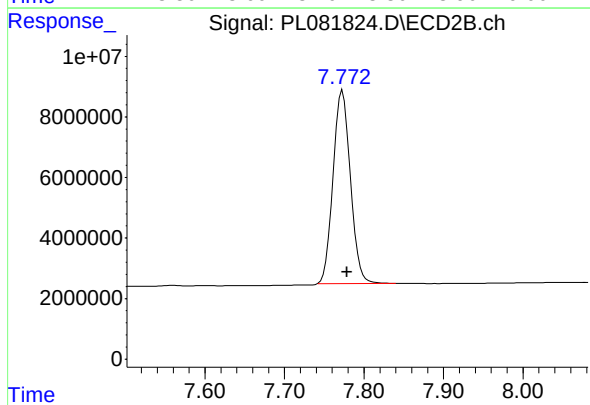
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.006 min
Response: 96808765
Conc: 48.81 ng/ml