

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 21:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 23:00:38 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...	3.326	2.653	111.4E6	107.7E6	47.910	53.938
28) SA Decachlor...	8.747	7.766	79405987	95891726	44.370	48.351m
Target Compounds						
2) A alpha-BHC	3.775	3.151	170.3E6	157.8E6	49.661	54.128
3) MA gamma-BHC...	4.103	3.479	151.1E6	147.2E6	47.579	52.871
4) MA Heptachlor	4.681	3.811	147.5E6	148.7E6	46.807m	51.856
5) MB Aldrin	5.019	4.088	136.7E6	139.1E6	47.794	52.211
6) B beta-BHC	4.306	3.778	69661978	63735354	46.284	53.515
7) B delta-BHC	4.548	4.005	151.1E6	142.1E6	49.733	54.945
8) B Heptachlo...	5.445	4.590	129.2E6	128.6E6	47.493	52.931
9) A Endosulfan I	5.826	4.957	111.4E6	114.7E6	45.102	51.960
10) B gamma-Chl...	5.700	4.839	122.4E6	127.3E6	46.630	52.396
11) B alpha-Chl...	5.778	4.902	119.7E6	126.6E6	46.264	52.133
12) B 4,4'-DDE	5.956	5.092	104.7E6	110.9E6	46.464	56.283
13) MA Dieldrin	6.101	5.221	111.2E6	117.8E6	45.935	52.359
14) MA Endrin	6.328	5.496	94733029	104.3E6	44.786	51.518
15) B Endosulfa...	6.550	5.791	92046080	95778417	43.375	52.798m
16) A 4,4'-DDD	6.472	5.647	86798189	88771710	48.128	58.497
17) MA 4,4'-DDT	6.783	5.895	83765254	83725882	41.271	48.585
18) B Endrin al...	6.680	5.972	73623892	77190688	44.999	49.705
19) B Endosulfa...	6.914	6.193	95157902	99337250	45.660	51.055m
20) A Methoxychlor	7.264	6.473	45338926	49196638	42.102	49.392m
21) B Endrin ke...	7.393	6.700	96575581	107.1E6	46.105	50.116
22) Mirex	7.857	6.871	76578309	92522432	44.697m	48.195m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2023 21:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

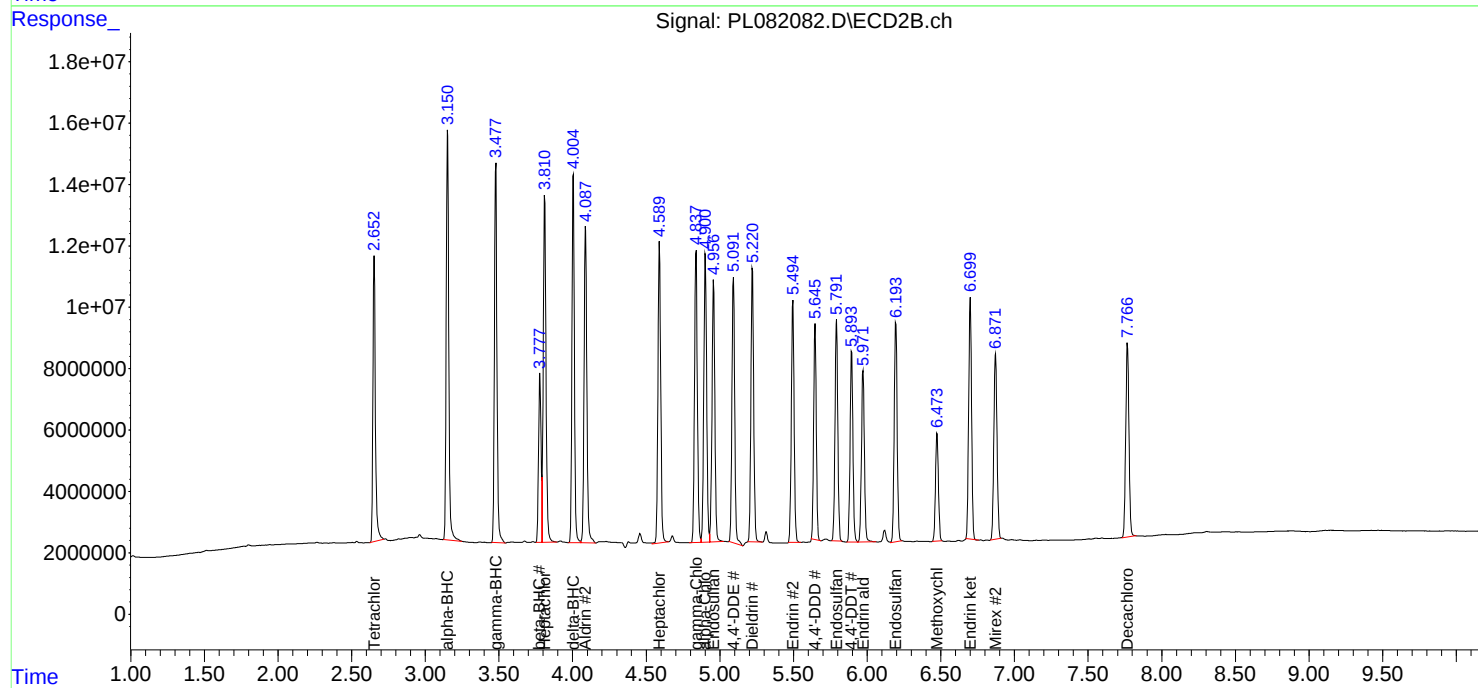
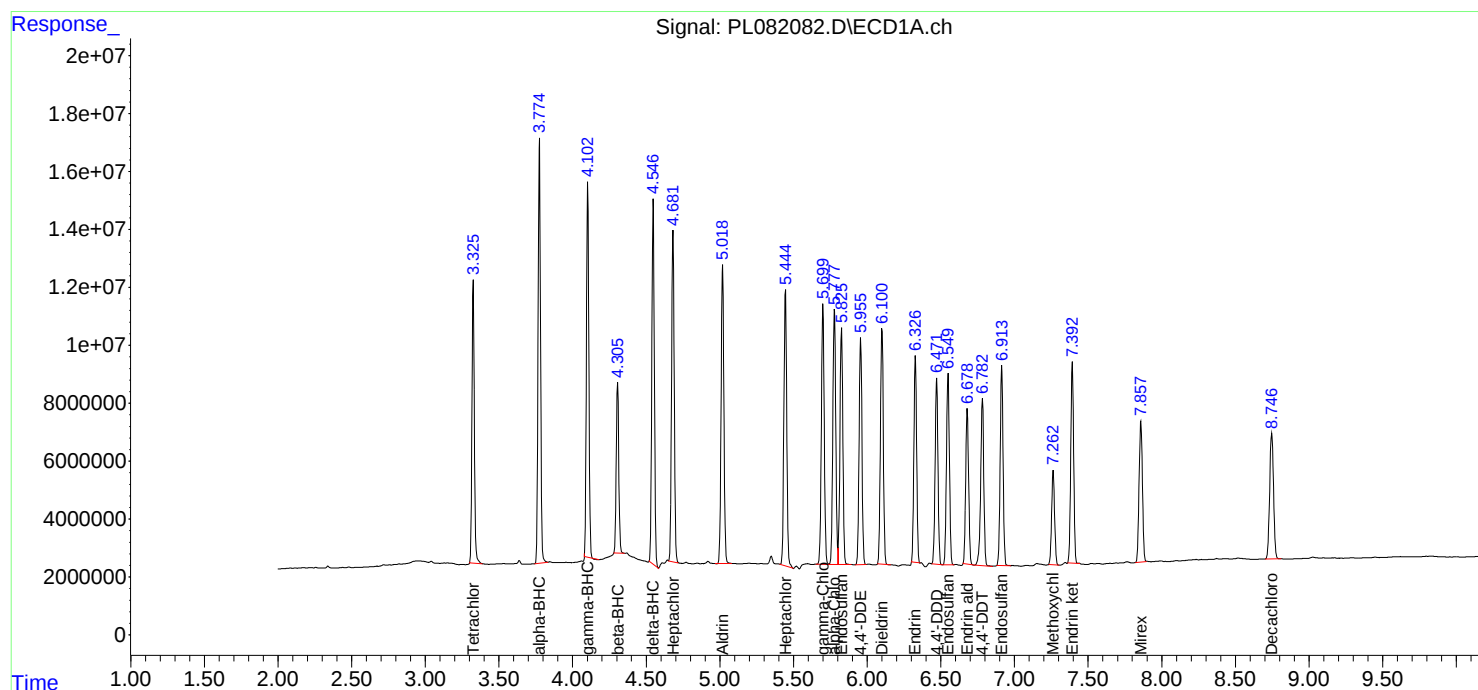
APPROVED

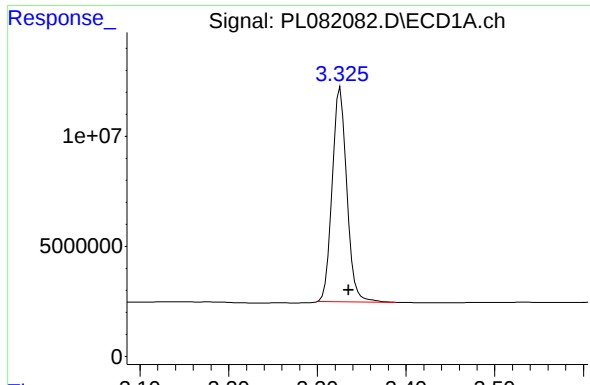
Reviewed By :Abdul Mirza 04/14/2023

Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 23:00:38 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





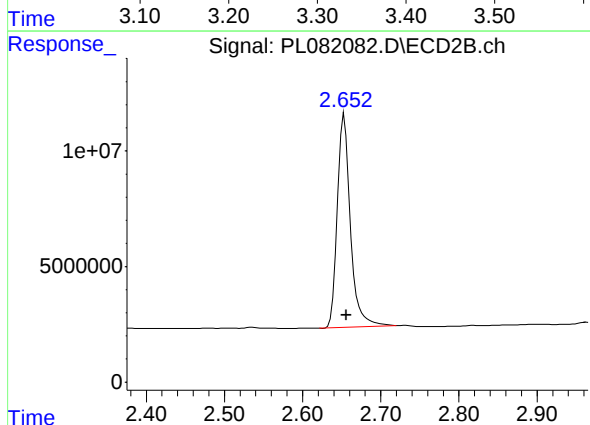
#1 Tetrachloro-m-xylene

R.T.: 3.326 min
Delta R.T.: -0.009 min
Response: 111432859
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

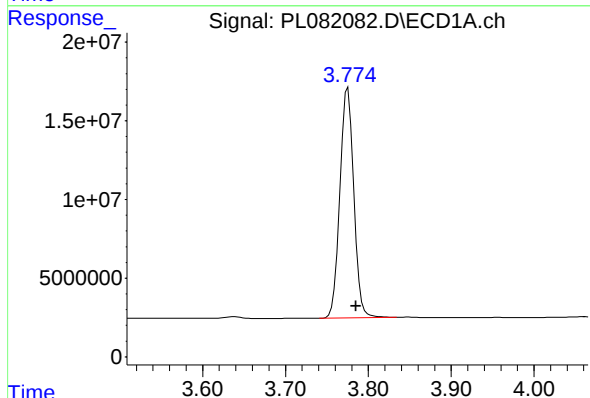
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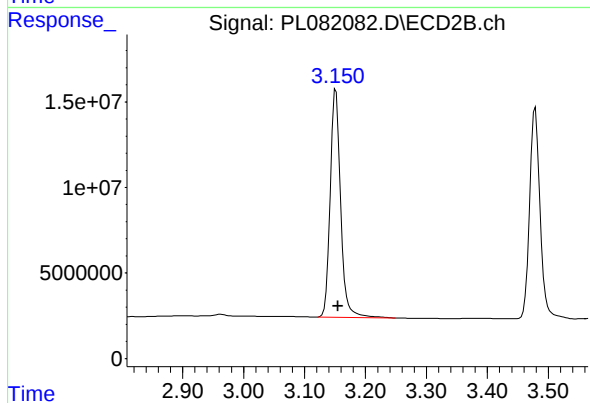
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 107667668
Conc: 53.94 ng/ml



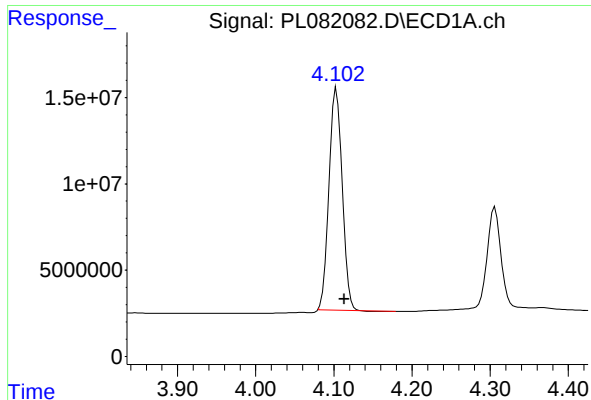
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.009 min
Response: 170256016
Conc: 49.66 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 157782168
Conc: 54.13 ng/ml



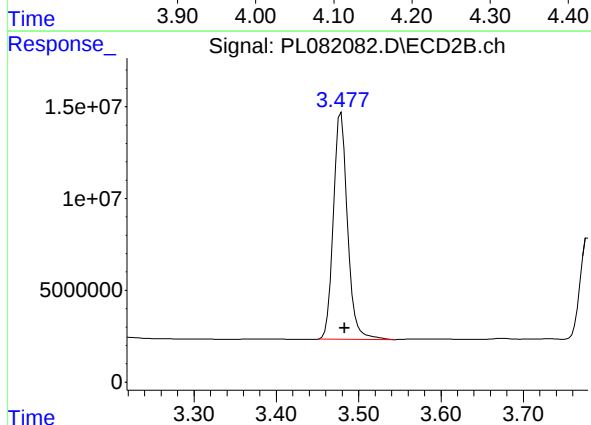
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 151149322
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

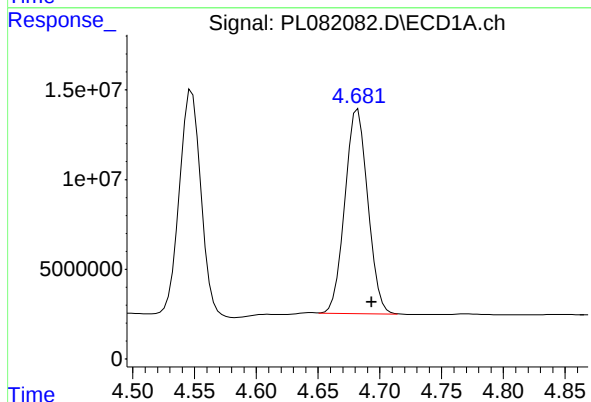
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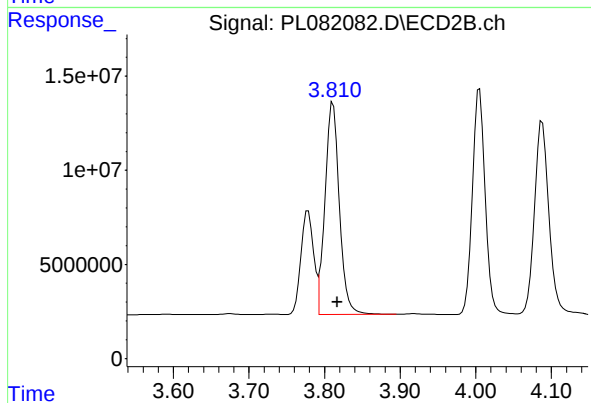
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 147203614
Conc: 52.87 ng/ml



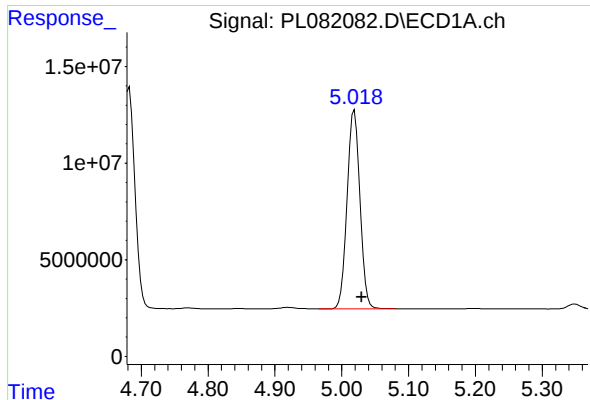
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.012 min
Response: 147544142
Conc: 46.81 ng/ml m



#4 Heptachlor

R.T.: 3.811 min
Delta R.T.: -0.006 min
Response: 148670470
Conc: 51.86 ng/ml



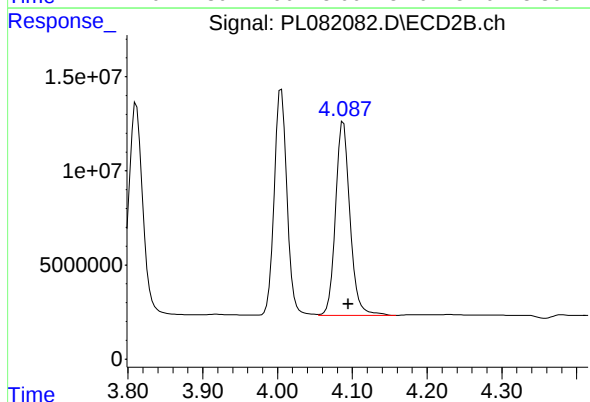
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.011 min
Response: 136705377
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

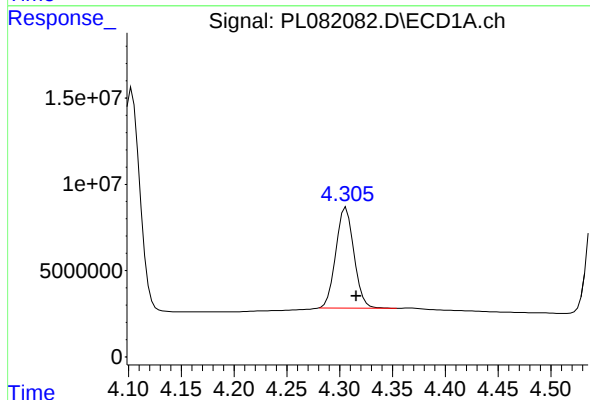
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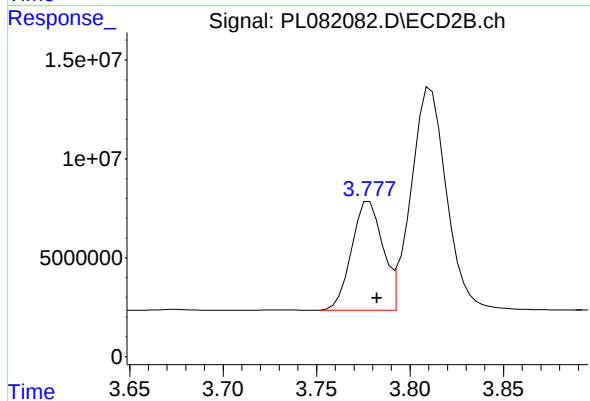
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 139115177
Conc: 52.21 ng/ml



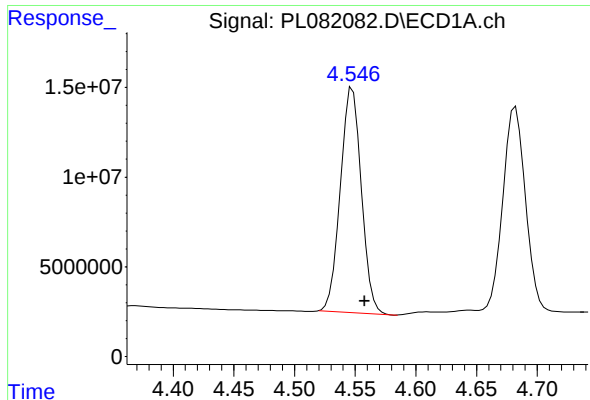
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 69661978
Conc: 46.28 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 63735354
Conc: 53.51 ng/ml



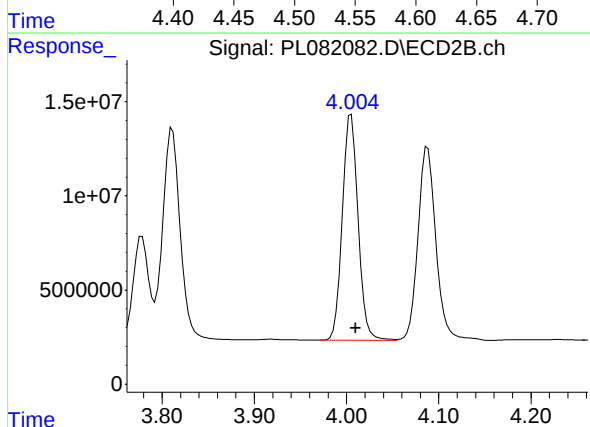
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 151148987
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

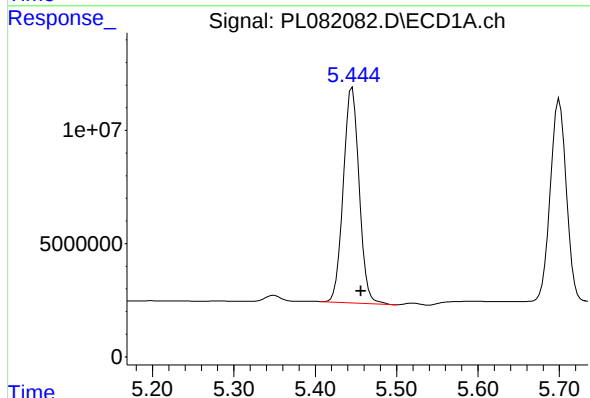
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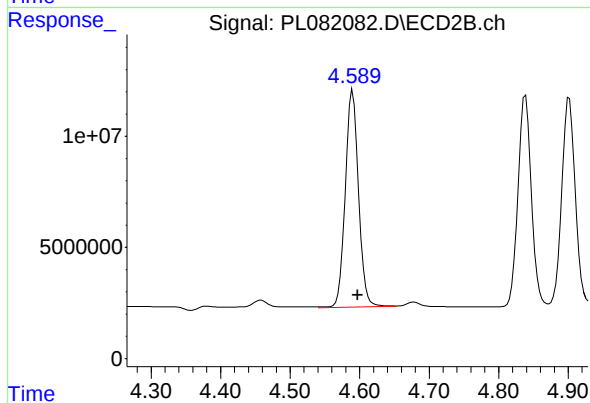
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 142092844
Conc: 54.94 ng/ml



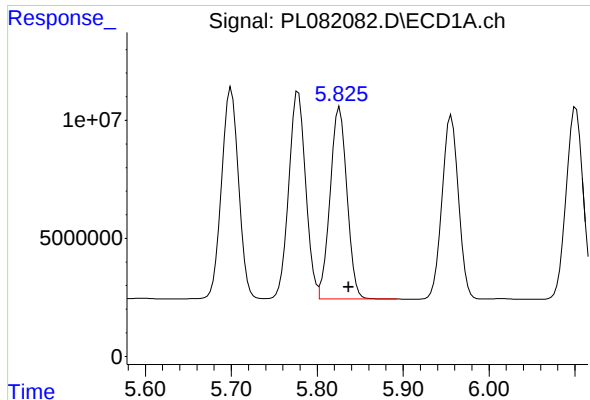
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 129181220
Conc: 47.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 128557183
Conc: 52.93 ng/ml



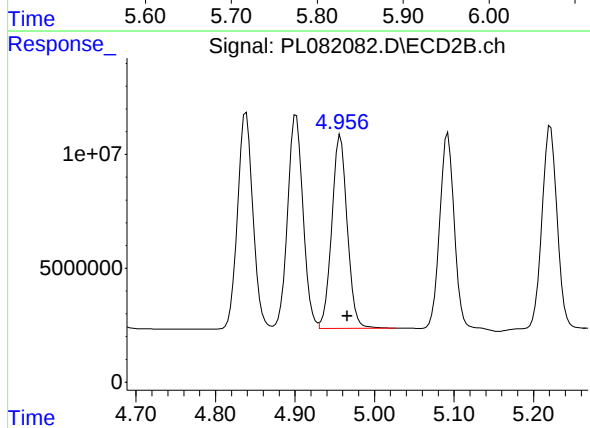
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 111438629
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

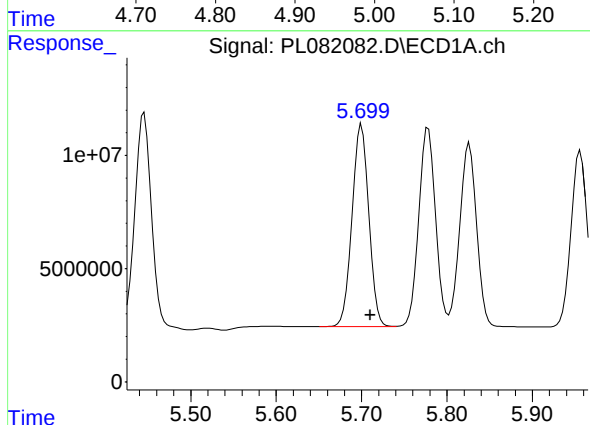
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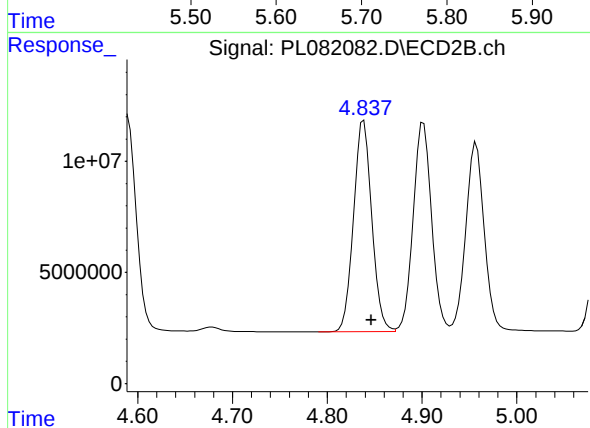
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.008 min
Response: 114714144
Conc: 51.96 ng/ml



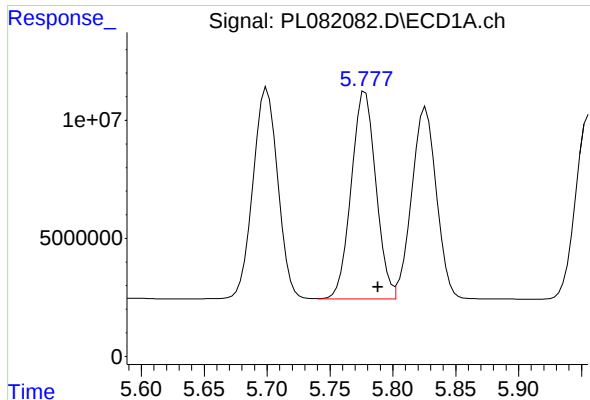
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 122414962
Conc: 46.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.839 min
Delta R.T.: -0.008 min
Response: 127342426
Conc: 52.40 ng/ml



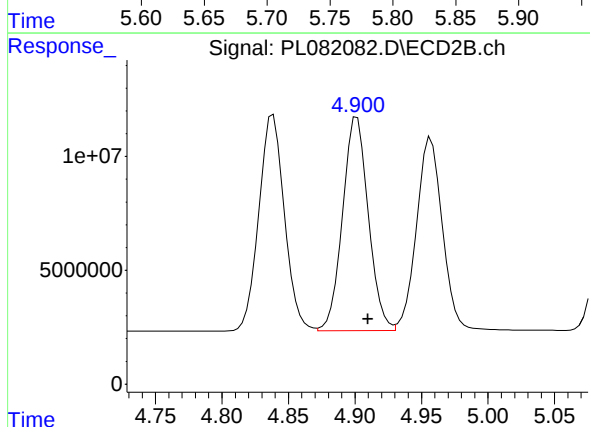
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 119749268
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

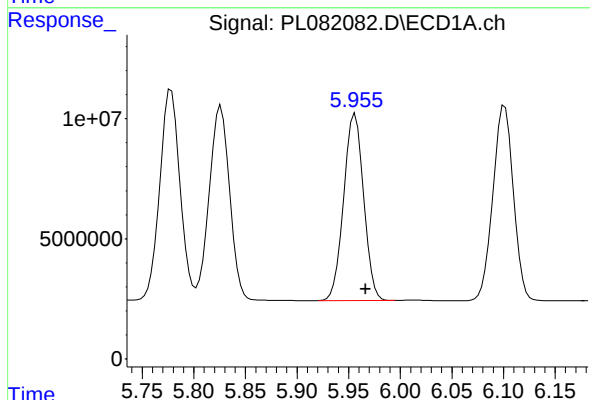
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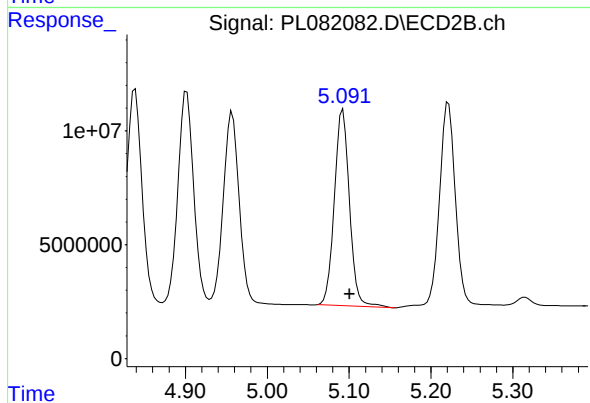
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 126626699
Conc: 52.13 ng/ml



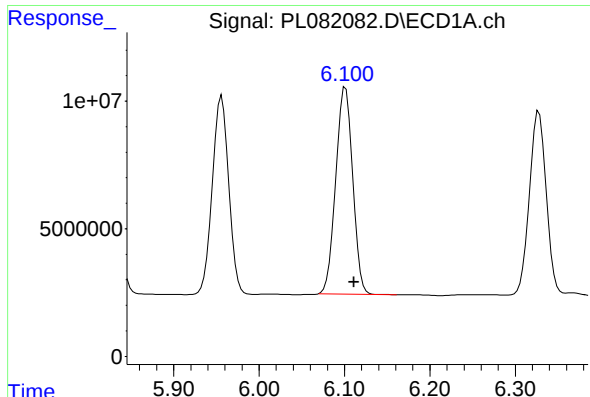
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 104714181
Conc: 46.46 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.008 min
Response: 110866900
Conc: 56.28 ng/ml



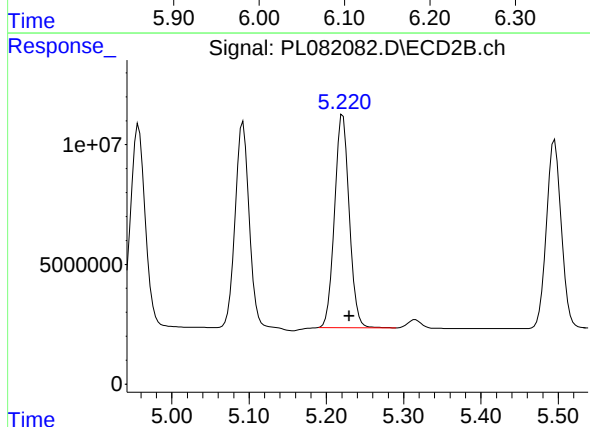
#13 Dieldrin

R.T.: 6.101 min
Delta R.T.: -0.010 min
Response: 111206707
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

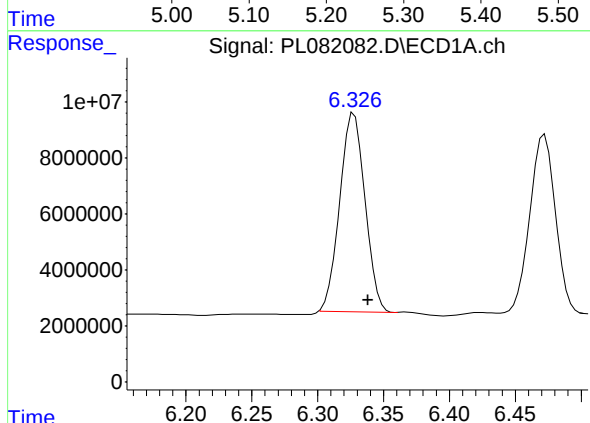
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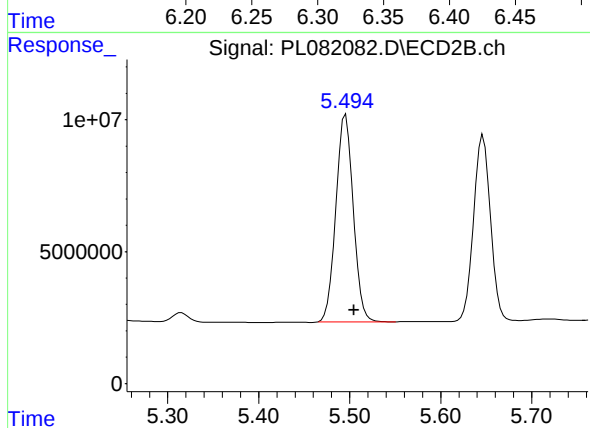
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.008 min
Response: 117777247
Conc: 52.36 ng/ml



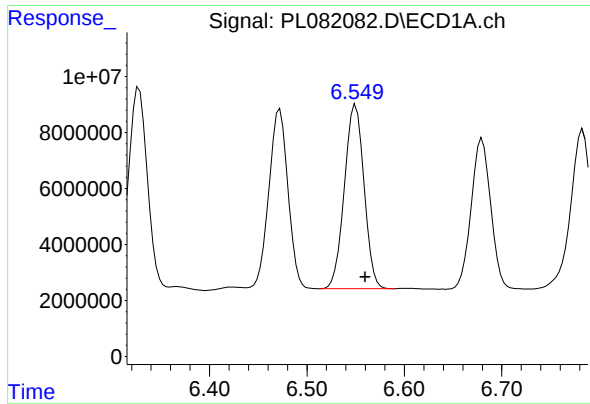
#14 Endrin

R.T.: 6.328 min
Delta R.T.: -0.011 min
Response: 94733029
Conc: 44.79 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.009 min
Response: 104257369
Conc: 51.52 ng/ml



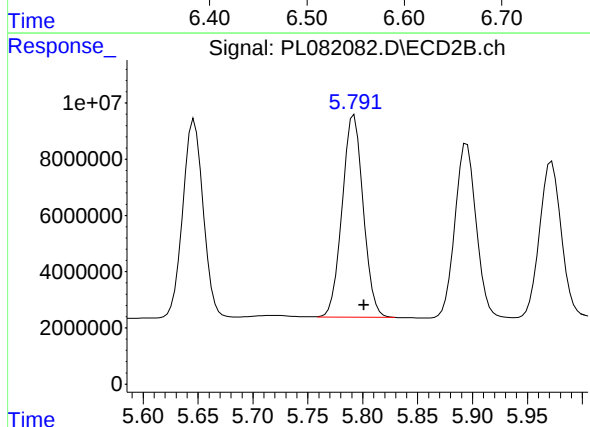
#15 Endosulfan II

R.T.: 6.550 min
Delta R.T.: -0.010 min
Response: 92046080
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

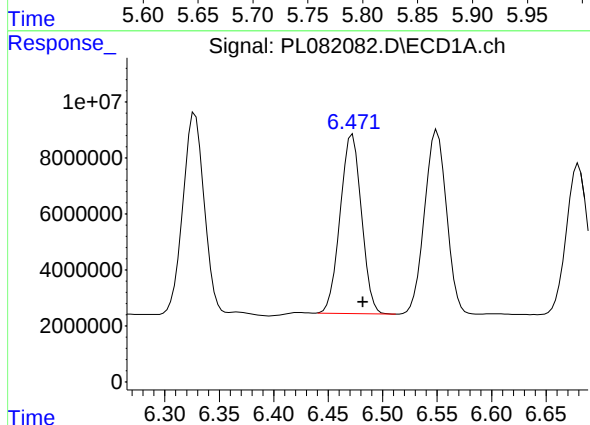
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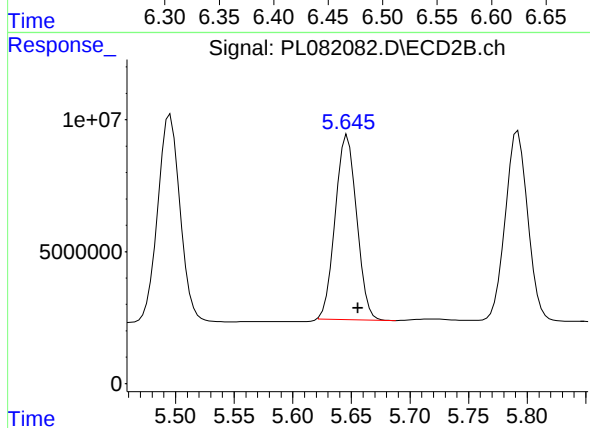
#15 Endosulfan II

R.T.: 5.791 min
Delta R.T.: -0.010 min
Response: 95778417
Conc: 52.80 ng/ml



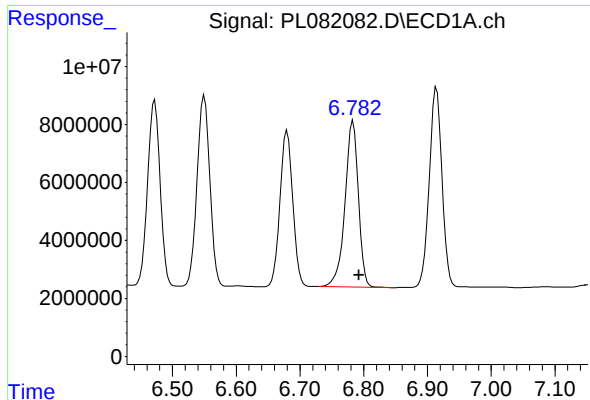
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 86798189
Conc: 48.13 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 88771710
Conc: 58.50 ng/ml



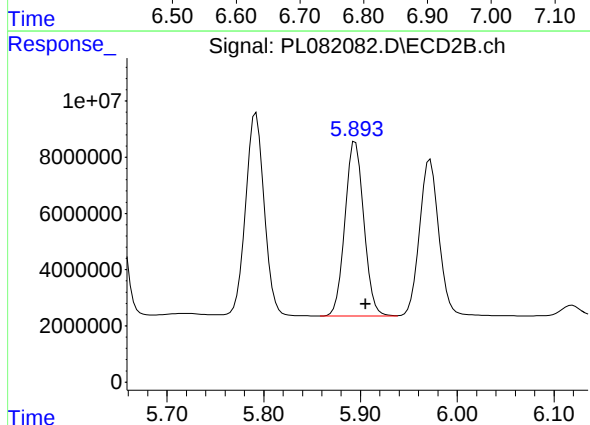
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 83765254
Conc: 41.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

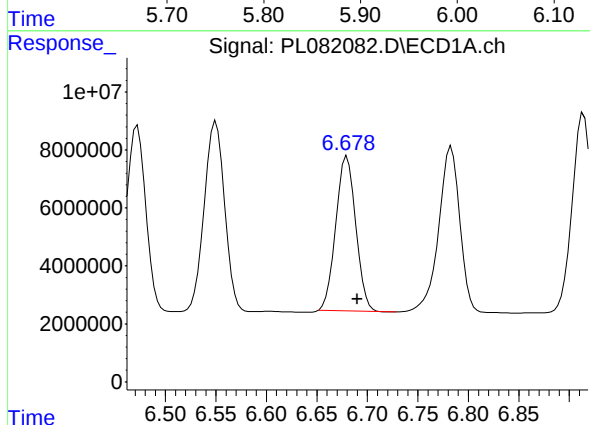
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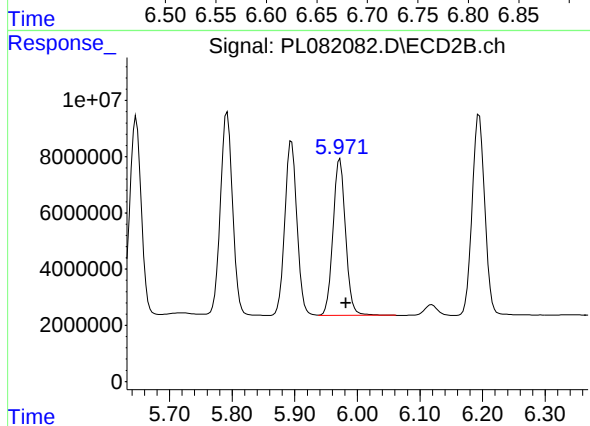
#17 4,4'-DDT

R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 83725882
Conc: 48.59 ng/ml



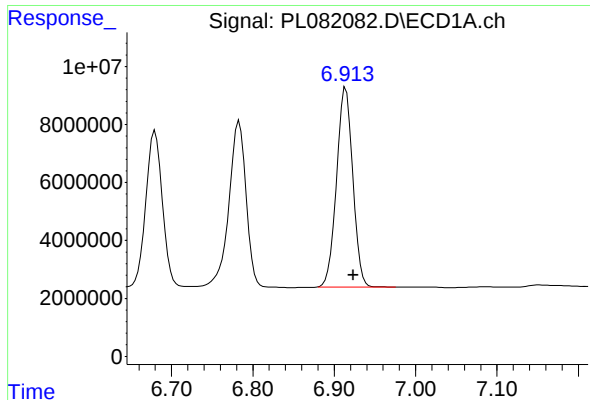
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 73623892
Conc: 45.00 ng/ml



#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 77190688
Conc: 49.70 ng/ml



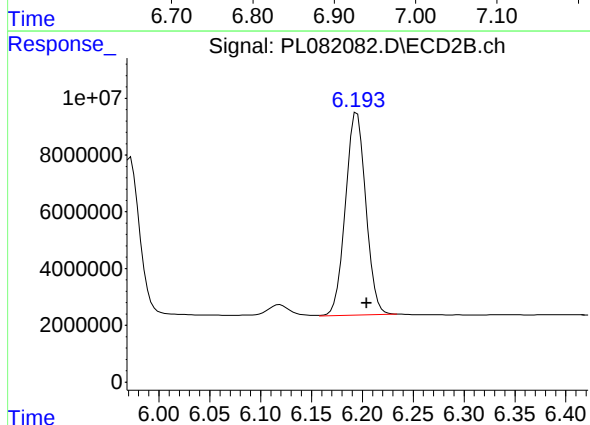
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: -0.009 min
Response: 95157902
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

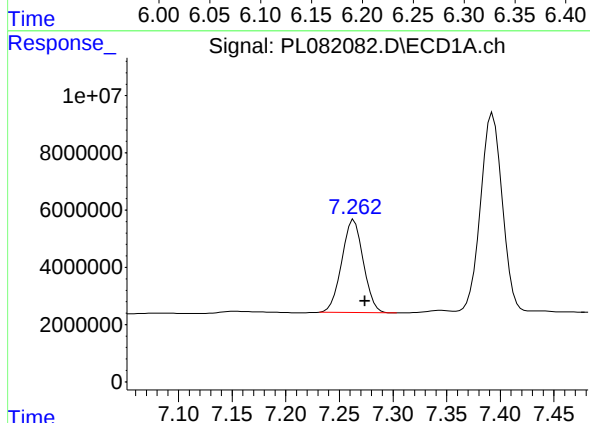
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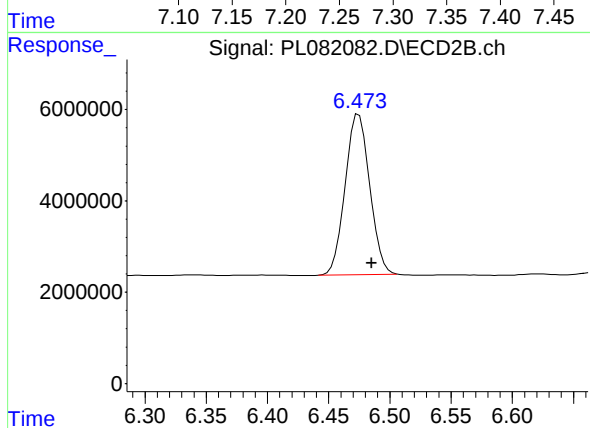
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.011 min
Response: 99337250
Conc: 51.05 ng/ml m



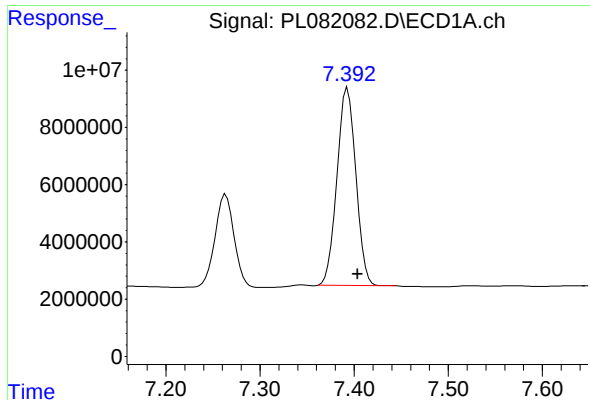
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 45338926
Conc: 42.10 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: -0.012 min
Response: 49196638
Conc: 49.39 ng/ml m



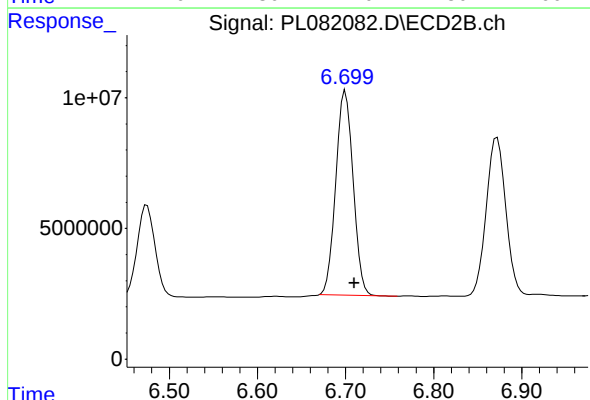
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 96575581
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

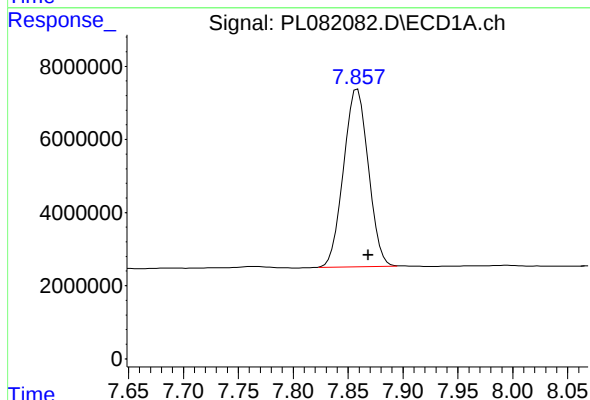
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2023
Supervised By :Ankita Jodhani 04/14/2023



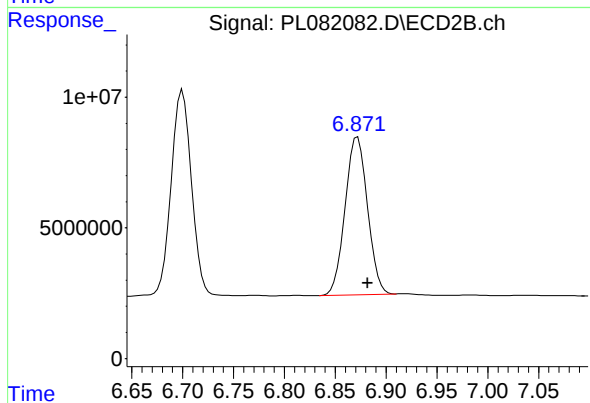
#21 Endrin ketone

R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 107096822
Conc: 50.12 ng/ml



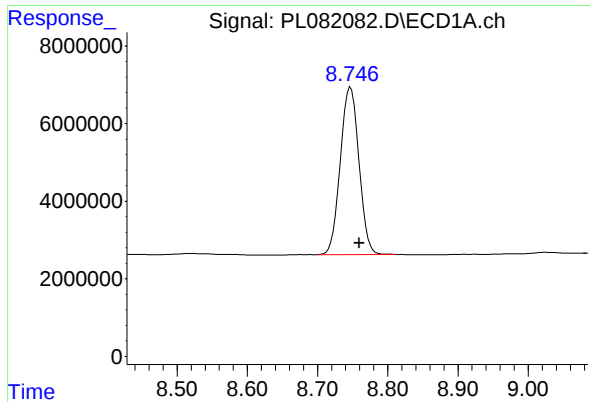
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.011 min
Response: 76578309
Conc: 44.70 ng/ml m



#22 Mirex

R.T.: 6.871 min
Delta R.T.: -0.011 min
Response: 92522432
Conc: 48.20 ng/ml m



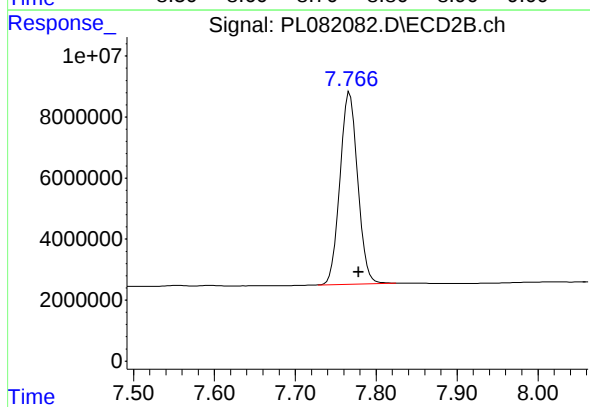
#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 79405987
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.013 min
Response: 95891726
Conc: 48.35 ng/ml m