

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
 Data File : PL082119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Apr 2023 18:26
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul

Mirza

04/17/2023

Supervised By :Ankita

Jodhani

04/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 09:51:11 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...	3.325	2.652	116.1E6	112.6E6	49.907	56.385
28)	SA Decachlor...	8.745	7.764	82280798	104.9E6	45.976	52.916m
Target Compounds							
2)	A alpha-BHC	3.775	3.150	181.0E6	168.8E6	52.790	57.910
3)	MA gamma-BHC...	4.101	3.478	163.7E6	157.2E6	51.536m	56.477
4)	MA Heptachlor	4.680	3.810	153.1E6	159.8E6	48.562m	55.722
5)	MB Aldrin	5.018	4.087	143.9E6	150.2E6	50.294	56.365
6)	B beta-BHC	4.306	3.778	73617219	68579213	48.912	57.582
7)	B delta-BHC	4.548	4.005	157.1E6	154.5E6	51.686	59.754
8)	B Heptachlo...	5.444	4.588	131.9E6	135.1E6	48.480	55.645
9)	A Endosulfan I	5.825	4.957	120.9E6	127.9E6	48.947	57.939
10)	B gamma-Chl...	5.699	4.838	129.4E6	139.5E6	49.284	57.391
11)	B alpha-Chl...	5.777	4.901	128.1E6	138.6E6	49.504	57.056
12)	B 4,4'-DDE	5.956	5.092	113.9E6	117.9E6	50.551	59.851
13)	MA Dieldrin	6.100	5.221	120.9E6	128.9E6	49.954	57.306
14)	MA Endrin	6.327	5.495	100.5E6	109.0E6	47.503	53.838
15)	B Endosulfa...	6.549	5.790	99520312	105.3E6	46.897	58.051m
16)	A 4,4'-DDD	6.471	5.645	96588695	101.9E6	53.557	67.131m#
17)	MA 4,4'-DDT	6.782	5.895	82753899	84468260	40.773	49.016
18)	B Endrin al...	6.679	5.972	78881739	83960972	48.213	54.064
19)	B Endosulfa...	6.913	6.193	101.8E6	106.7E6	48.832	54.842m
20)	A Methoxychlor	7.263	6.472	45091760	51039505	41.872	51.243m
21)	B Endrin ke...	7.393	6.699	104.1E6	115.4E6	49.707	54.007
22)	Mirex	7.856	6.869	81252710	101.0E6	47.425m	52.613m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041623\
Data File : PL082119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Apr 2023 18:26
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul

Mirza

04/17/2023

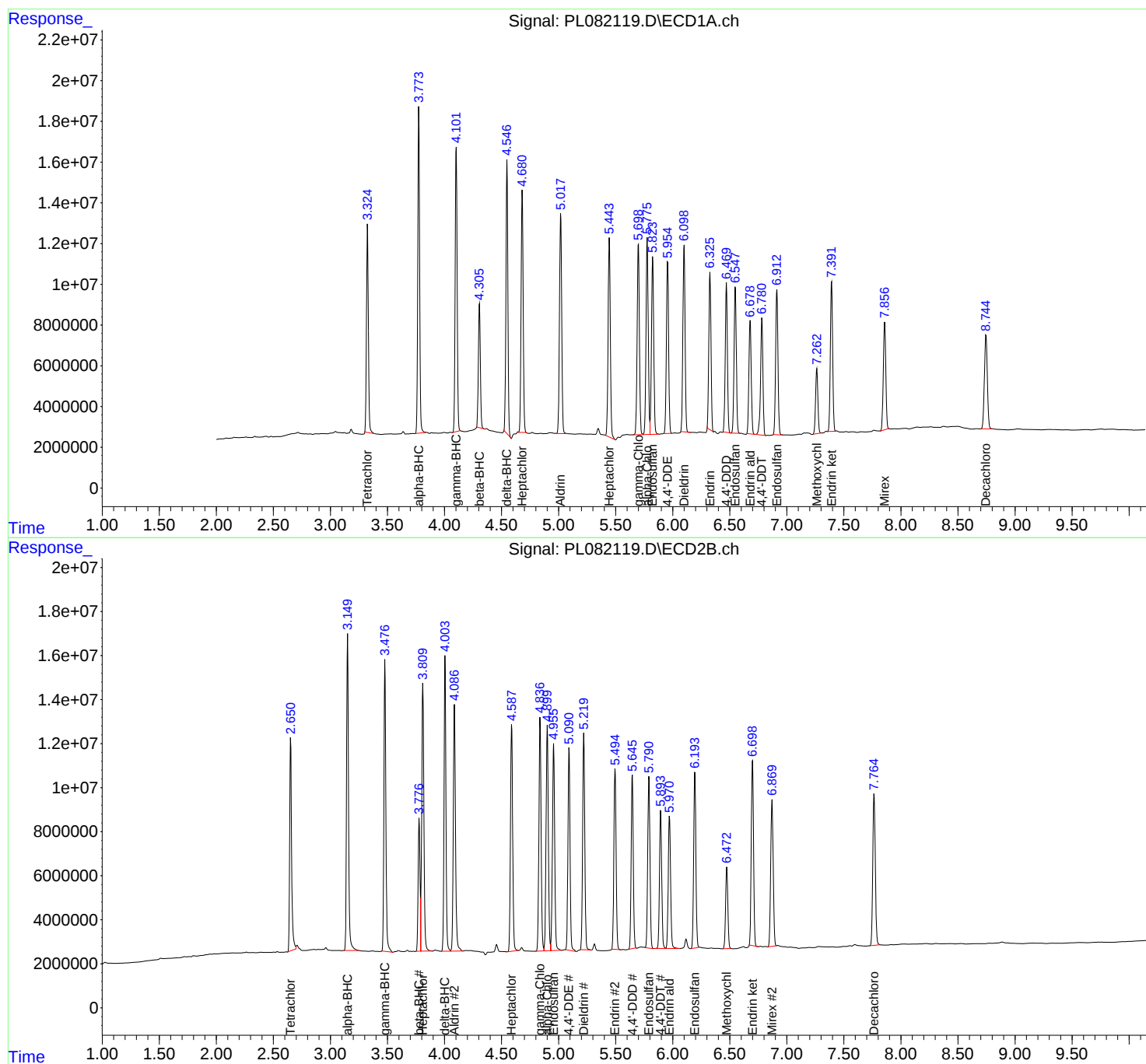
Supervised By :Ankita

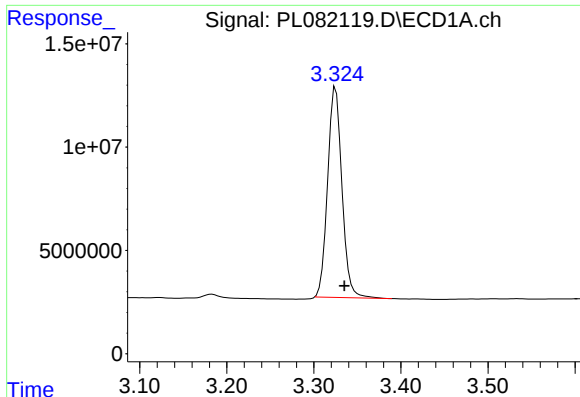
Jodhani

04/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 09:51:11 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

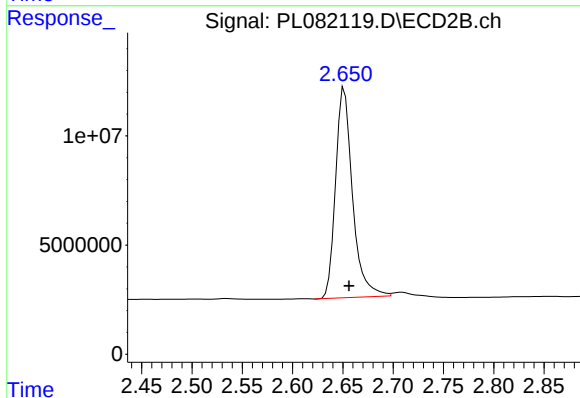
R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 116078054
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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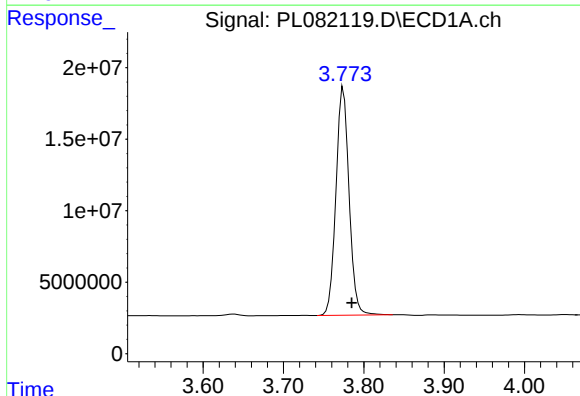
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



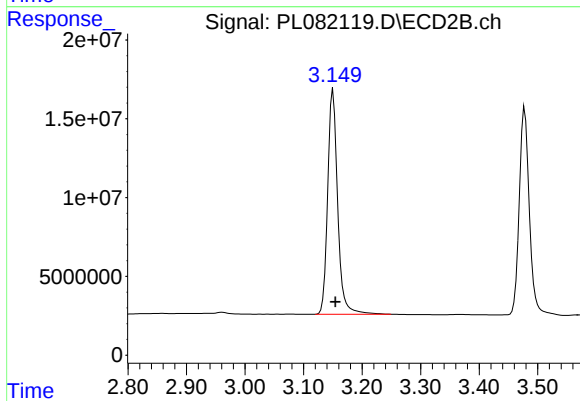
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: -0.004 min
Response: 112553757
Conc: 56.39 ng/ml



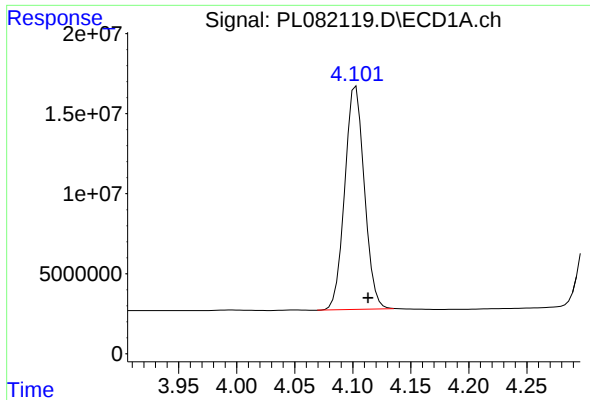
#2 alpha-BHC

R.T.: 3.775 min
Delta R.T.: -0.010 min
Response: 180983470
Conc: 52.79 ng/ml



#2 alpha-BHC

R.T.: 3.150 min
Delta R.T.: -0.004 min
Response: 168807300
Conc: 57.91 ng/ml



#3 gamma-BHC (Lindane)

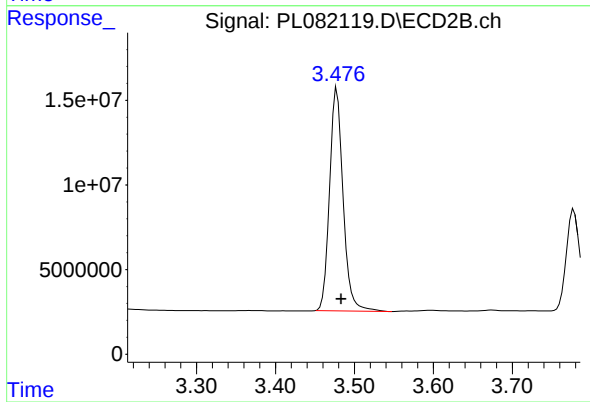
R.T.: 4.101 min
Delta R.T.: -0.012 min
Response: 163721198
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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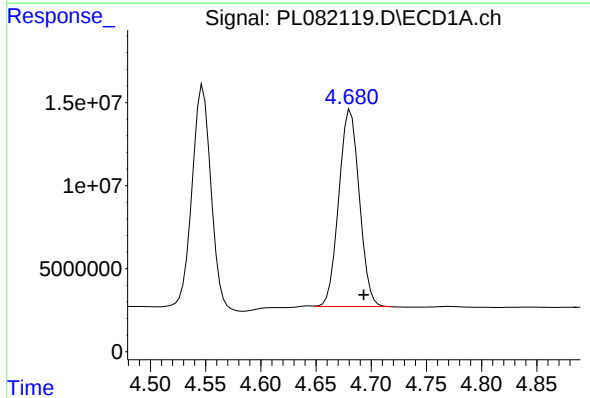
Reviewed By :Abdul
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04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



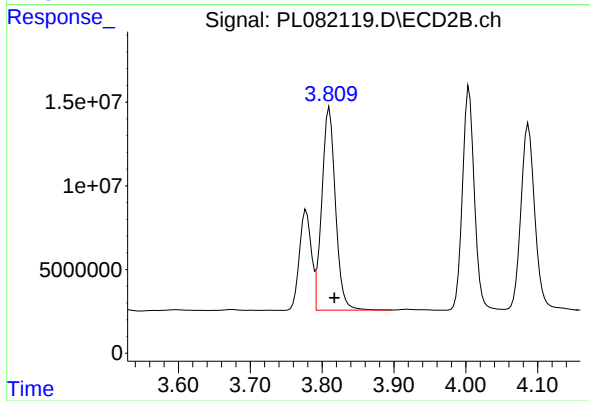
#3 gamma-BHC (Lindane)

R.T.: 3.478 min
Delta R.T.: -0.005 min
Response: 157244176
Conc: 56.48 ng/ml



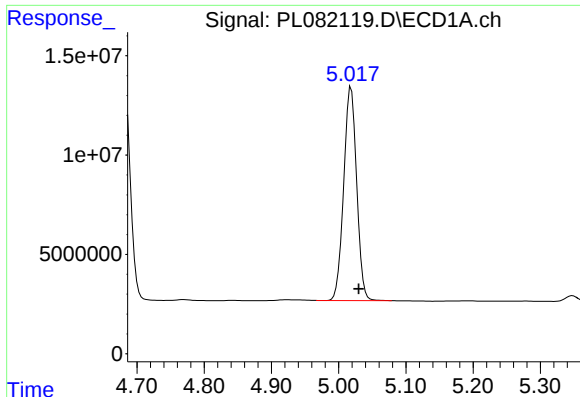
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.013 min
Response: 153076465
Conc: 48.56 ng/ml m



#4 Heptachlor

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 159752093
Conc: 55.72 ng/ml



#5 Aldrin

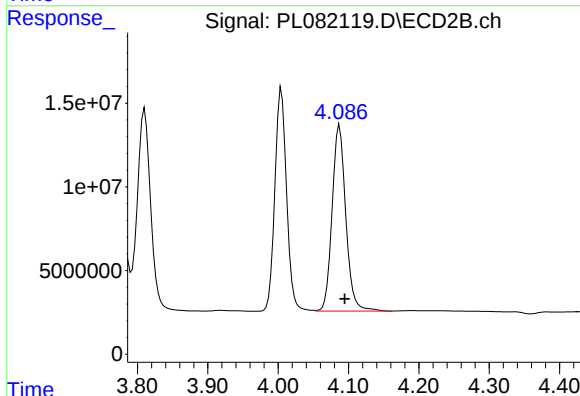
R.T.: 5.018 min
Delta R.T.: -0.011 min
Response: 143854393
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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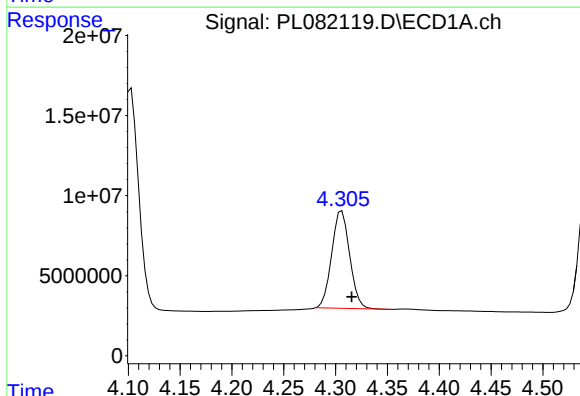
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



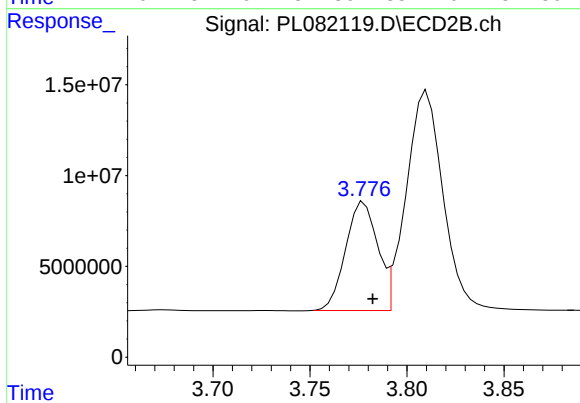
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 150182143
Conc: 56.36 ng/ml



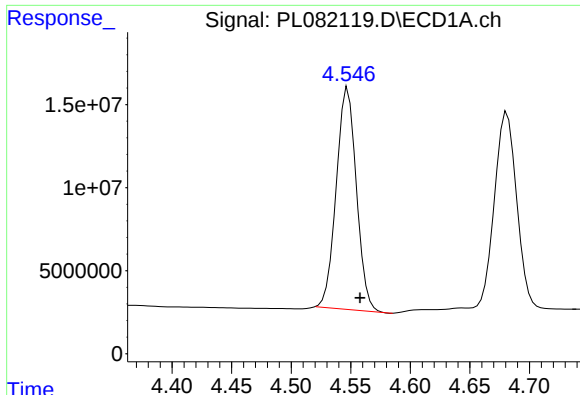
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 73617219
Conc: 48.91 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 68579213
Conc: 57.58 ng/ml



#7 delta-BHC

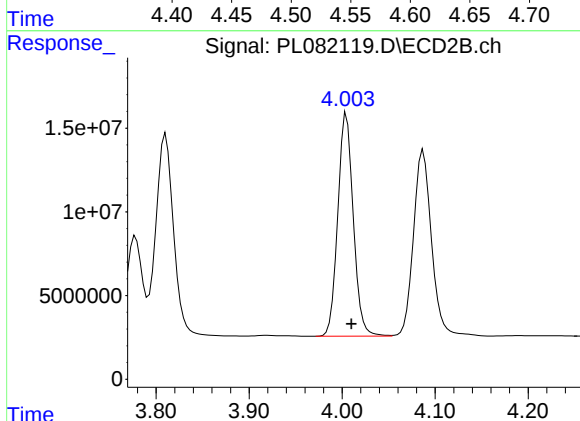
R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 157083640
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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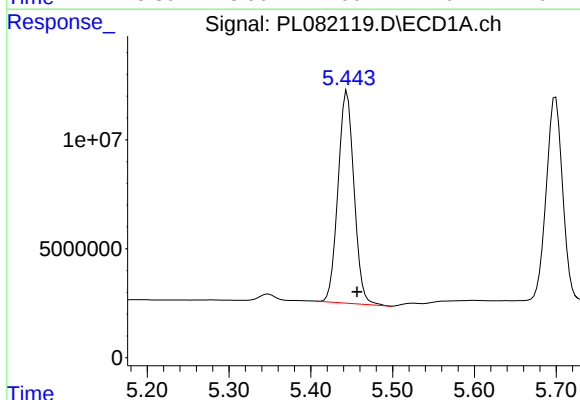
Reviewed By :Abdul
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04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



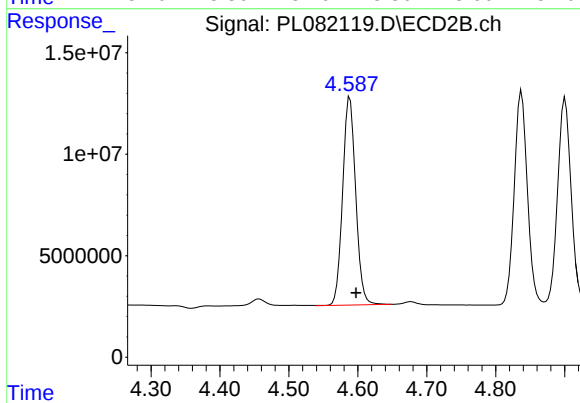
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 154529114
Conc: 59.75 ng/ml



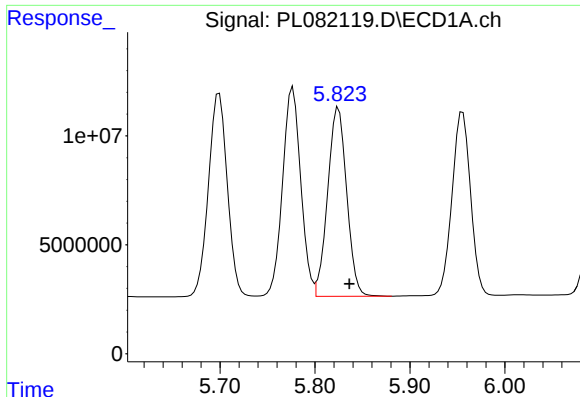
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 131867743
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.588 min
Delta R.T.: -0.009 min
Response: 135147499
Conc: 55.64 ng/ml



#9 Endosulfan I

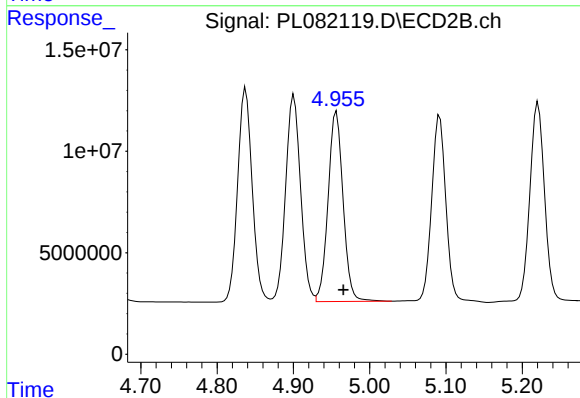
R.T.: 5.825 min
Delta R.T.: -0.012 min
Response: 120938213
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

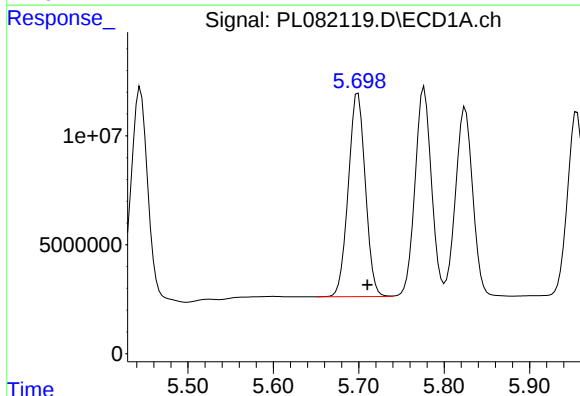
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



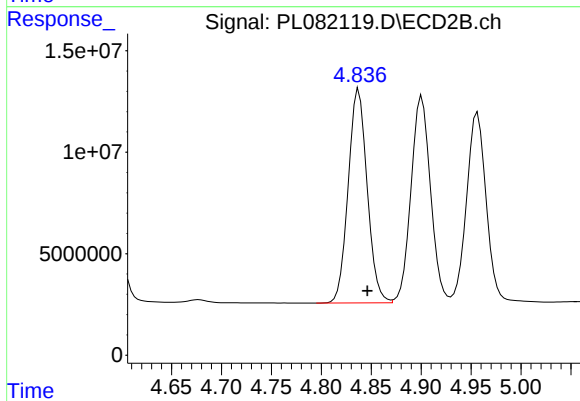
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.009 min
Response: 127914268
Conc: 57.94 ng/ml



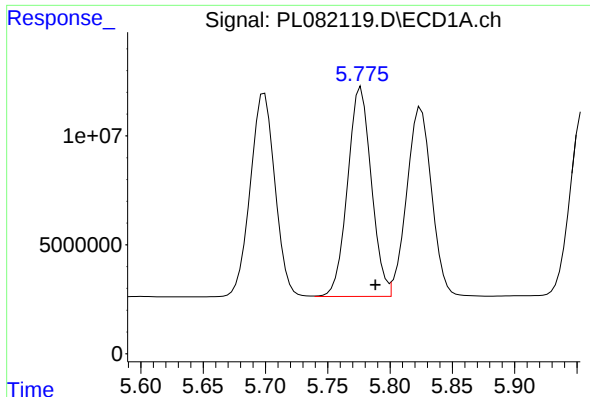
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 129381461
Conc: 49.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.009 min
Response: 139481466
Conc: 57.39 ng/ml



#11 alpha-Chlordane

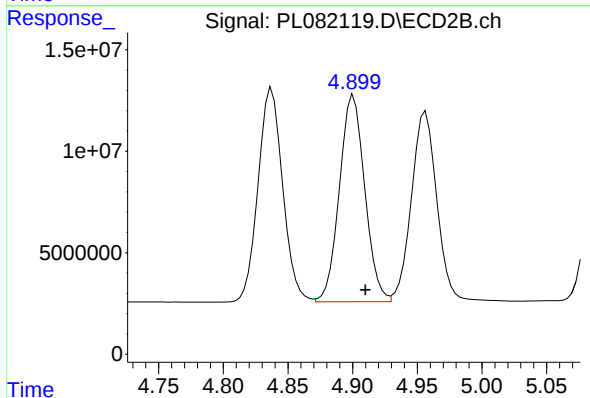
R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 128135967
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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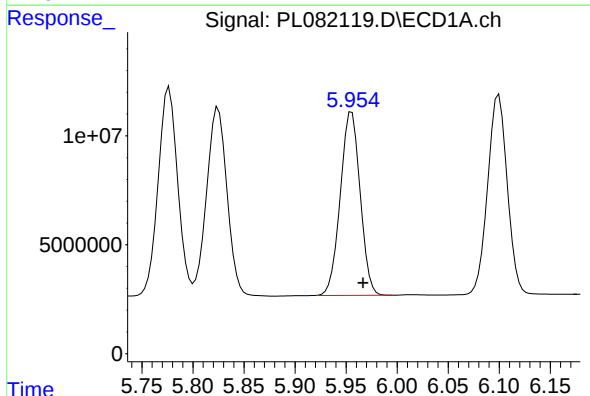
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



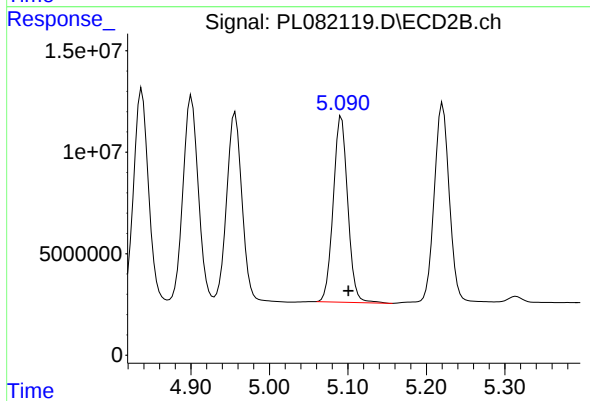
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 138584518
Conc: 57.06 ng/ml



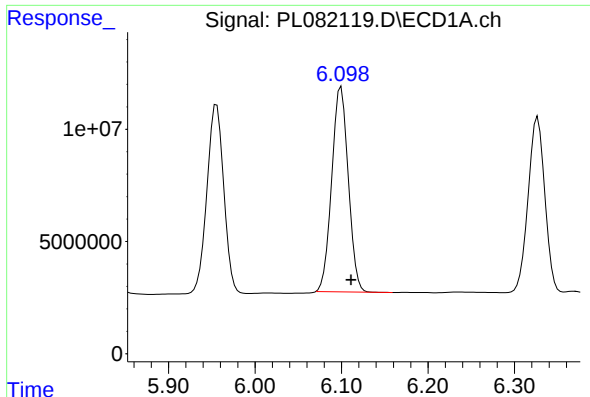
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 113924184
Conc: 50.55 ng/ml



#12 4,4'-DDE

R.T.: 5.092 min
Delta R.T.: -0.009 min
Response: 117894530
Conc: 59.85 ng/ml



#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 120936665
Conc: 49.95 ng/ml

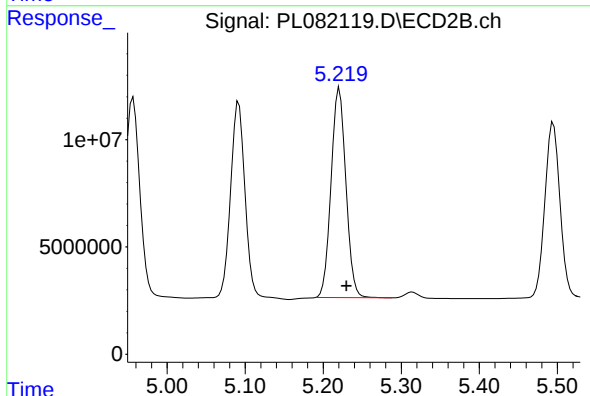
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

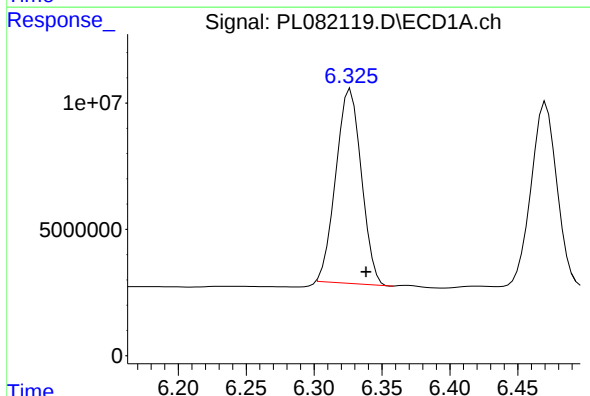
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



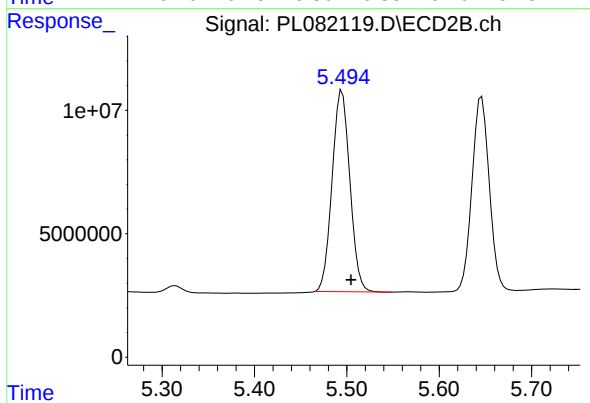
#13 Dieldrin

R.T.: 5.221 min
Delta R.T.: -0.009 min
Response: 128905843
Conc: 57.31 ng/ml



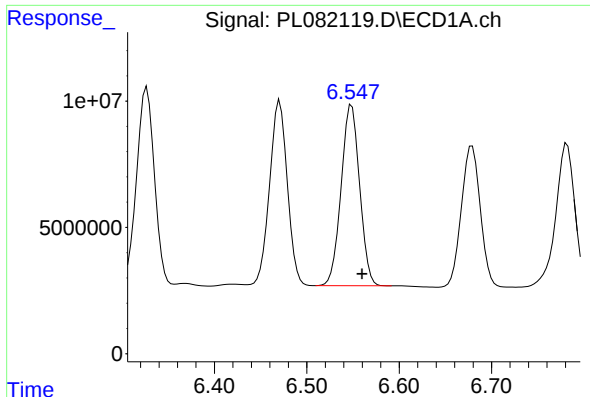
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 100480413
Conc: 47.50 ng/ml



#14 Endrin

R.T.: 5.495 min
Delta R.T.: -0.010 min
Response: 108952395
Conc: 53.84 ng/ml



#15 Endosulfan II

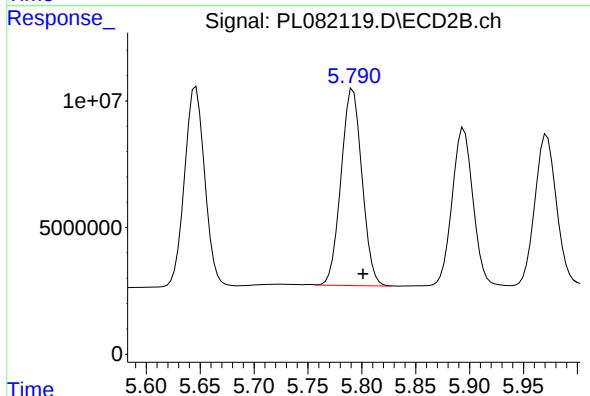
R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 99520312
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

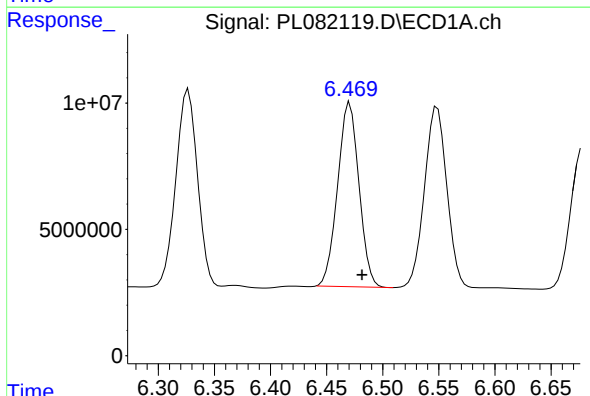
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



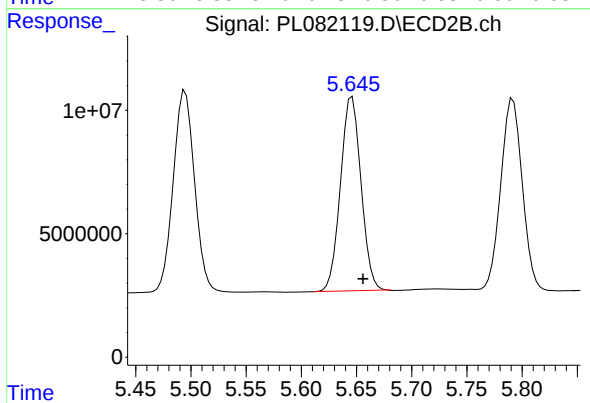
#15 Endosulfan II

R.T.: 5.790 min
Delta R.T.: -0.011 min
Response: 105306007
Conc: 58.05 ng/ml m



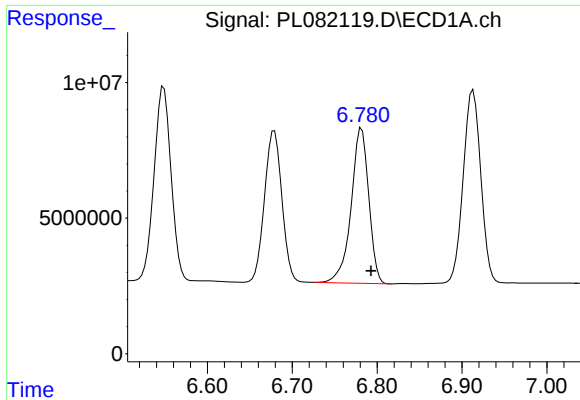
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 96588695
Conc: 53.56 ng/ml



#16 4,4'-DDD

R.T.: 5.645 min
Delta R.T.: -0.011 min
Response: 101873468
Conc: 67.13 ng/ml m



#17 4,4'-DDT

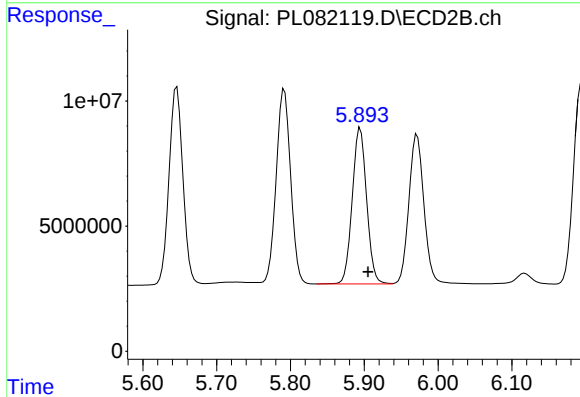
R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 82753899
Conc: 40.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Jodhani
04/17/2023



#17 4,4'-DDT

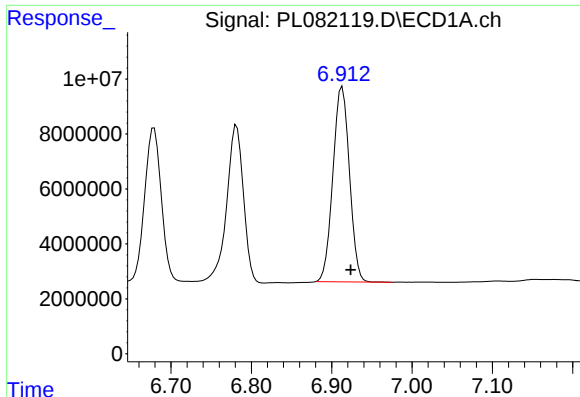
R.T.: 5.895 min
Delta R.T.: -0.010 min
Response: 84468260
Conc: 49.02 ng/ml

#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 78881739
Conc: 48.21 ng/ml

#18 Endrin aldehyde

R.T.: 5.972 min
Delta R.T.: -0.010 min
Response: 83960972
Conc: 54.06 ng/ml



#19 Endosulfan Sulfate

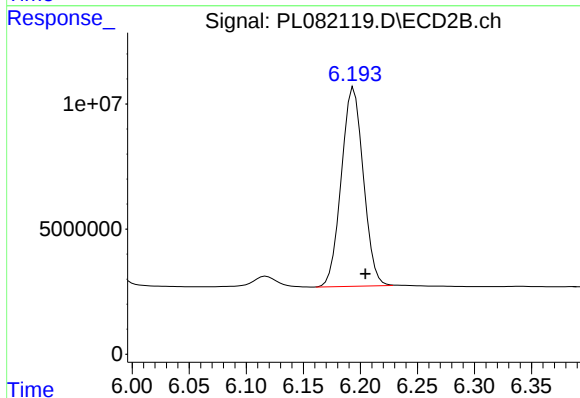
R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 101768395
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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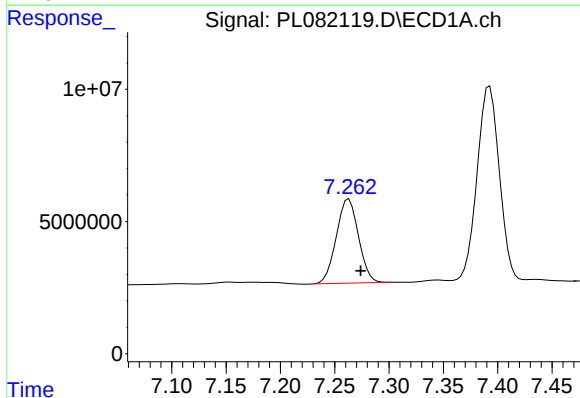
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



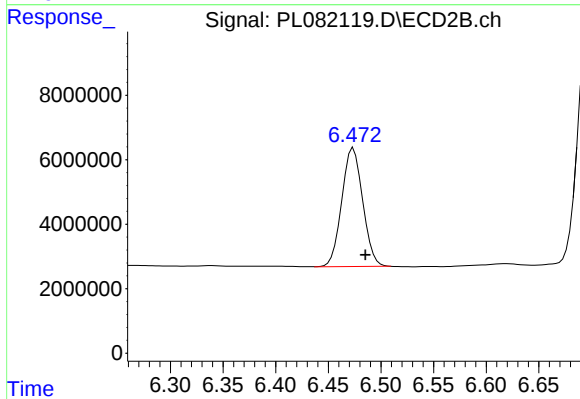
#19 Endosulfan Sulfate

R.T.: 6.193 min
Delta R.T.: -0.012 min
Response: 106704968
Conc: 54.84 ng/ml m



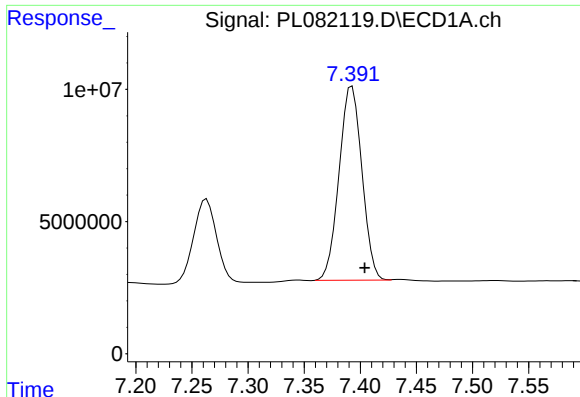
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 45091760
Conc: 41.87 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 51039505
Conc: 51.24 ng/ml m



#21 Endrin ketone

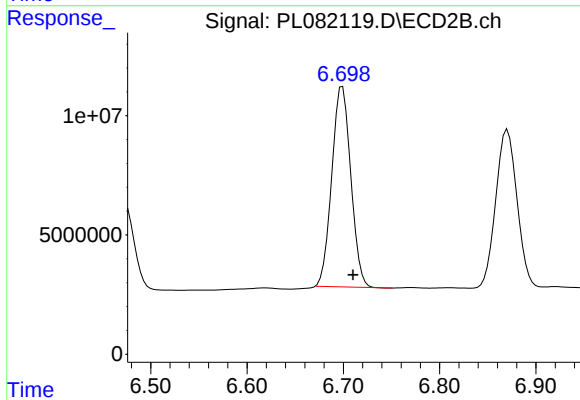
R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 104119771
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

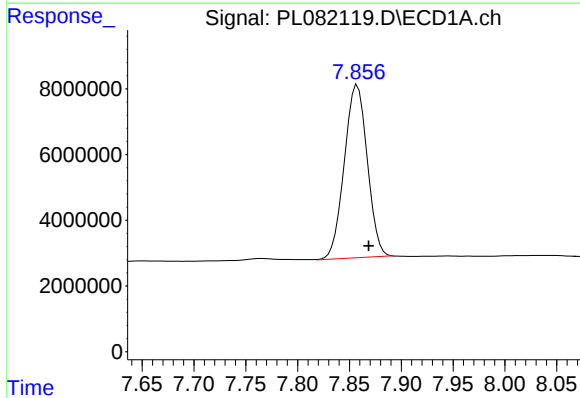
Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



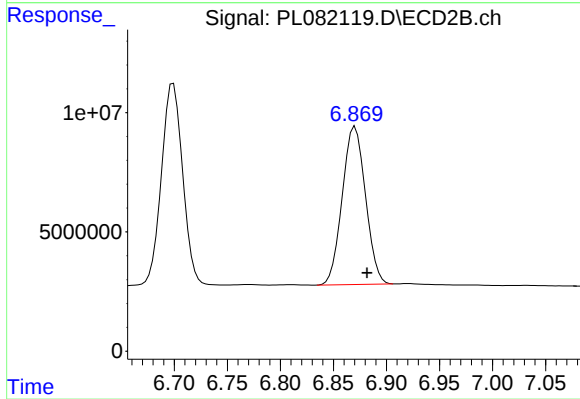
#21 Endrin ketone

R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 115411340
Conc: 54.01 ng/ml



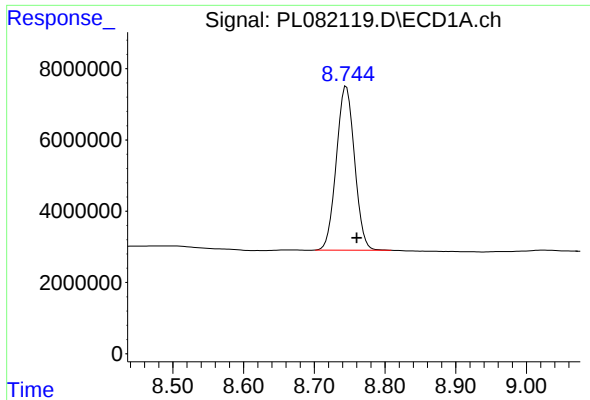
#22 Mirex

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 81252710
Conc: 47.43 ng/ml m



#22 Mirex

R.T.: 6.869 min
Delta R.T.: -0.013 min
Response: 101002761
Conc: 52.61 ng/ml m



#28 Decachlorobiphenyl

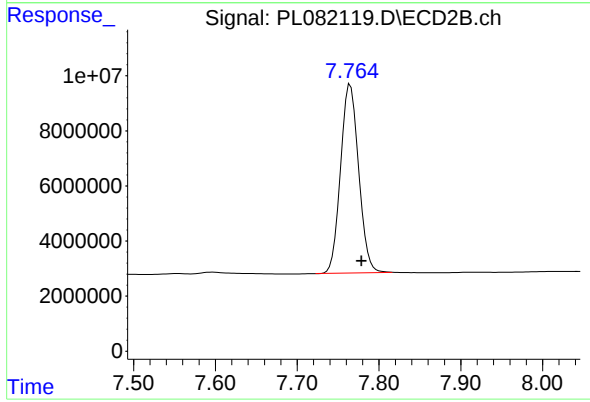
R.T.: 8.745 min
Delta R.T.: -0.014 min
Response: 82280798
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza
04/17/2023

Supervised By :Ankita
Jodhani
04/17/2023



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 104945260
Conc: 52.92 ng/ml m