

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
 Data File : PL083732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2023 09:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/28/2023
 Supervised By : Ankita Jodhani 06/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:03:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.441	2.694	123.1E6	148.4E6	49.561	51.098
28)	SA Decachlor...	8.986	7.886	91569455	135.2E6	53.615	54.669
Target Compounds							
2)	A alpha-BHC	3.897	3.200	190.5E6	216.2E6	50.745	51.596
3)	MA gamma-BHC...	4.232	3.531	172.5E6	199.3E6	49.513	49.872
4)	MA Heptachlor	4.824	3.874	170.7E6	189.8E6	50.437	50.225
5)	MB Aldrin	5.166	4.154	171.2E6	183.3E6	49.790	51.241
6)	B beta-BHC	4.431	3.833	74808285	86142750	49.822	51.266
7)	B delta-BHC	4.677	4.062	174.5E6	193.9E6	50.867	51.035
8)	B Heptachlo...	5.596	4.662	166.8E6	169.3E6	49.345	50.392
9)	A Endosulfan I	5.982	5.034	146.4E6	158.5E6	47.435	51.246
10)	B gamma-Chl...	5.854	4.916	164.4E6	175.6E6	48.845	51.540
11)	B alpha-Chl...	5.934	4.980	160.5E6	174.4E6	48.690	51.502
12)	B 4,4'-DDE	6.114	5.179	138.6E6	149.3E6	48.422	53.393
13)	MA Dieldrin	6.258	5.301	154.7E6	160.3E6	49.989	50.798
14)	MA Endrin	6.487	5.576	127.9E6	141.5E6	48.467m	53.158
15)	B Endosulfa...	6.708	5.874	123.4E6	133.6E6	51.685m	52.131
16)	A 4,4'-DDD	6.632	5.737	117.8E6	124.0E6	54.395	57.208
17)	MA 4,4'-DDT	6.949	5.989	115.4E6	128.8E6	49.128	51.936
18)	B Endrin al...	6.840	6.055	95268932	107.3E6	51.480	52.480
19)	B Endosulfa...	7.077	6.280	123.7E6	137.9E6	51.235	52.992
20)	A Methoxychlor	7.432	6.575	59118304	65889959	51.111	52.041
21)	B Endrin ke...	7.559	6.786	127.4E6	155.2E6	54.865m	53.530
22)	Mirex	8.037	6.969	95240528	132.3E6	50.012	52.351

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
Data File : PL083732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2023 09:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

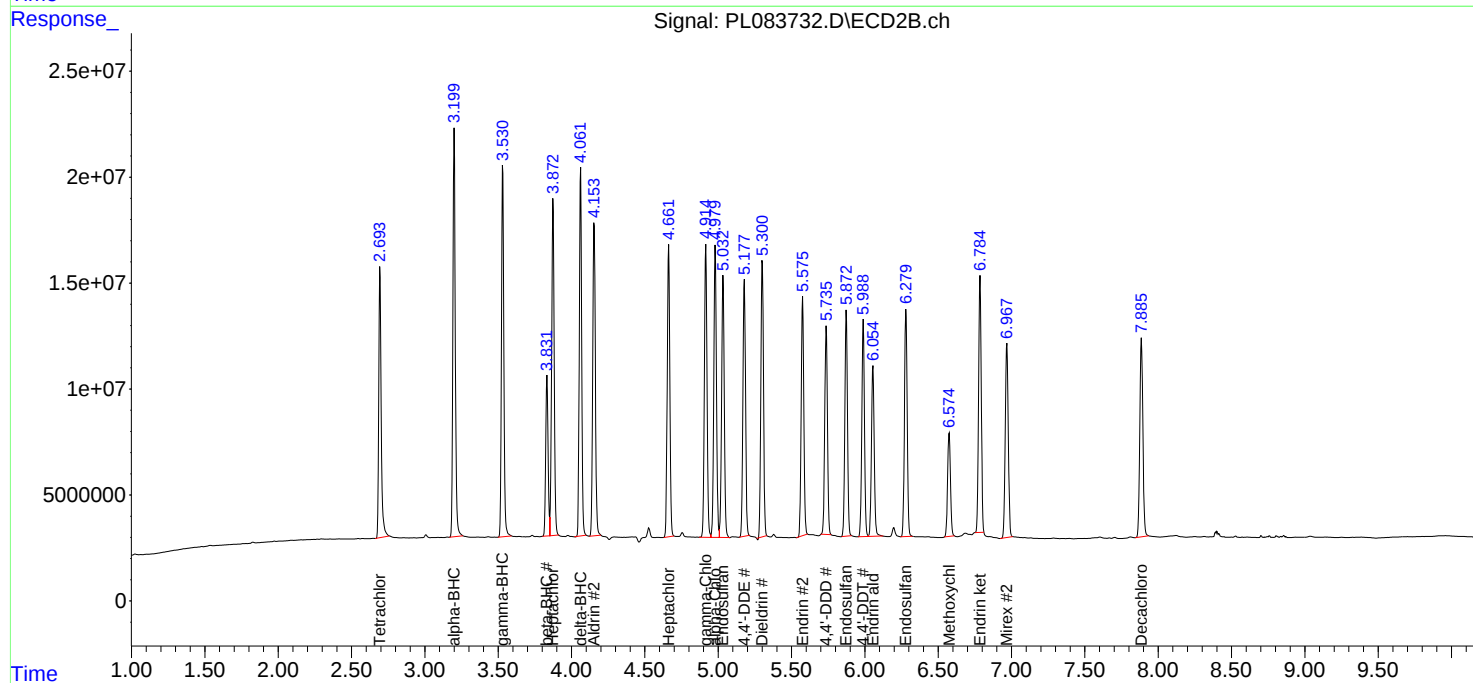
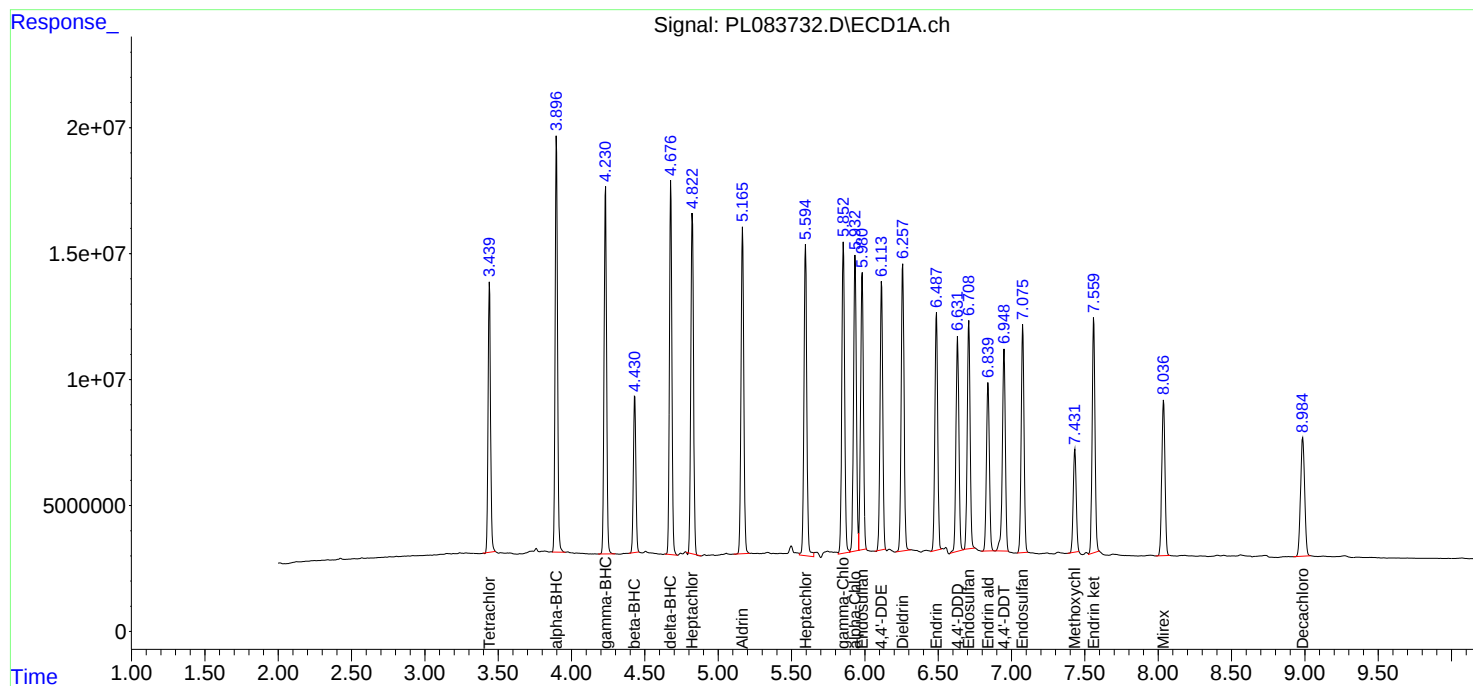
APPROVED

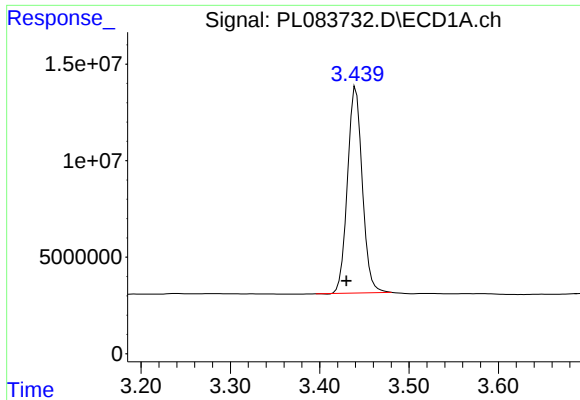
Reviewed By :Abdul Mirza 06/28/2023

Supervised By :Ankita Jodhani 06/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:03:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 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





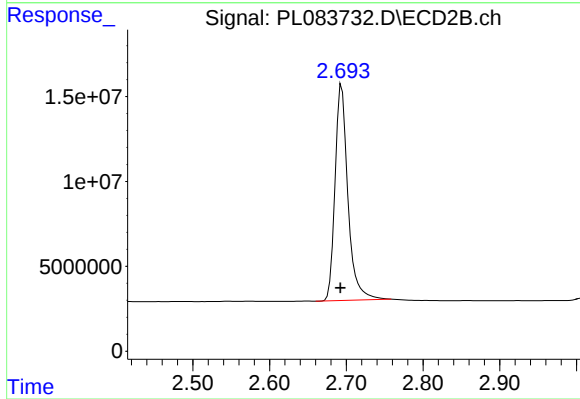
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.011 min
Response: 123140208
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

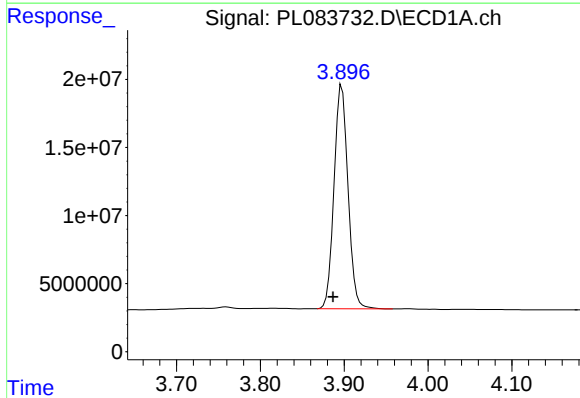
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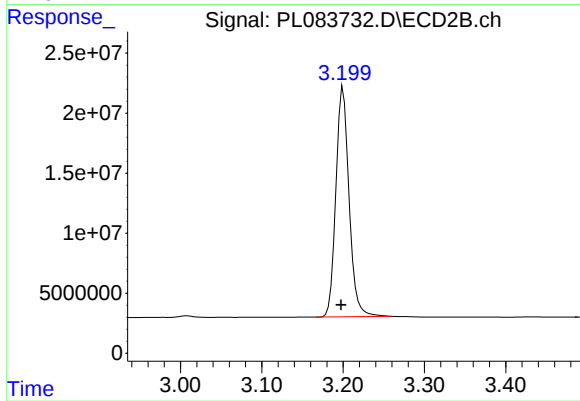
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: 0.002 min
Response: 148367360
Conc: 51.10 ng/ml



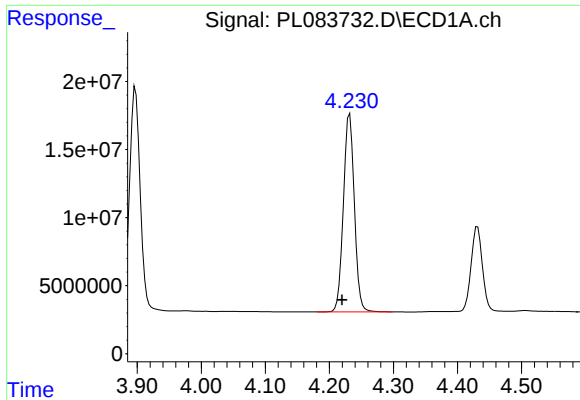
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.011 min
Response: 190546641
Conc: 50.75 ng/ml



#2 alpha-BHC

R.T.: 3.200 min
Delta R.T.: 0.003 min
Response: 216209648
Conc: 51.60 ng/ml



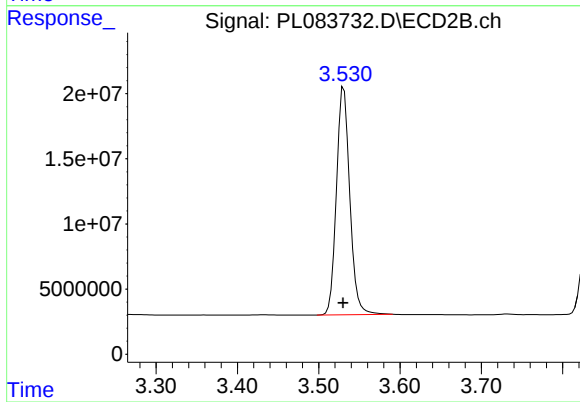
#3 gamma-BHC (Lindane)

R.T.: 4.232 min
Delta R.T.: 0.012 min
Response: 172491468
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

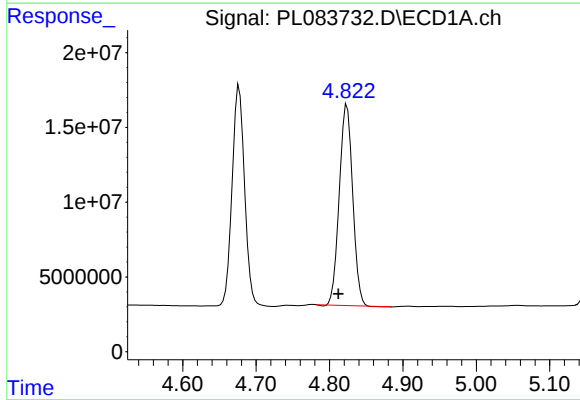
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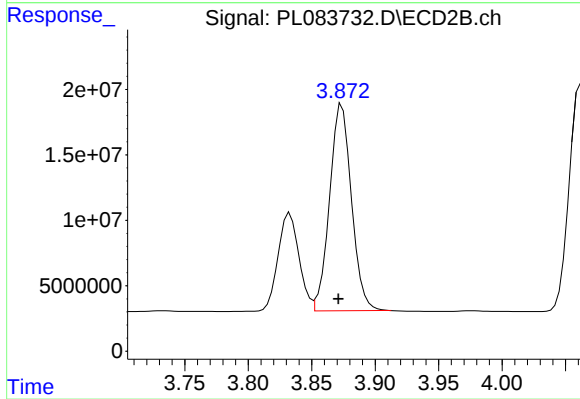
#3 gamma-BHC (Lindane)

R.T.: 3.531 min
Delta R.T.: 0.001 min
Response: 199327981
Conc: 49.87 ng/ml



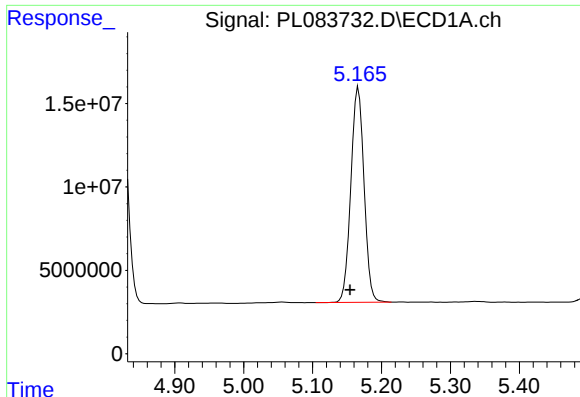
#4 Heptachlor

R.T.: 4.824 min
Delta R.T.: 0.012 min
Response: 170694850
Conc: 50.44 ng/ml



#4 Heptachlor

R.T.: 3.874 min
Delta R.T.: 0.003 min
Response: 189787974
Conc: 50.22 ng/ml



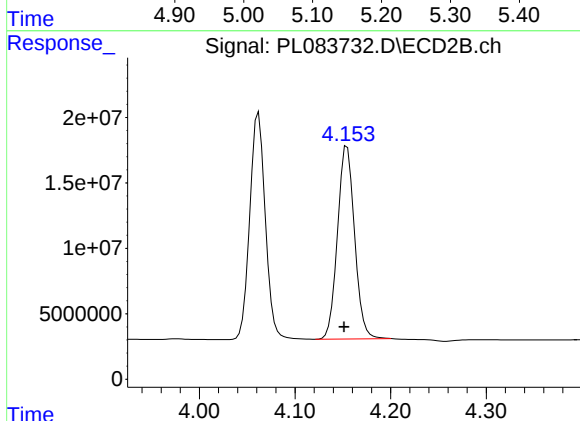
#5 Aldrin

R.T.: 5.166 min
Delta R.T.: 0.012 min
Response: 171229153
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

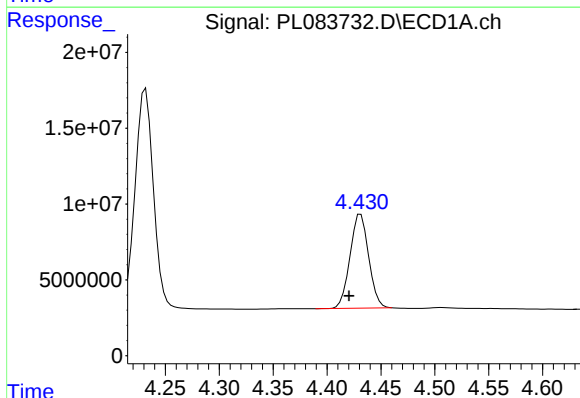
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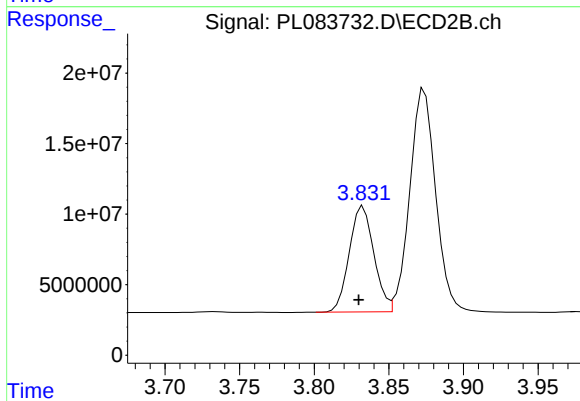
#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.003 min
Response: 183284960
Conc: 51.24 ng/ml



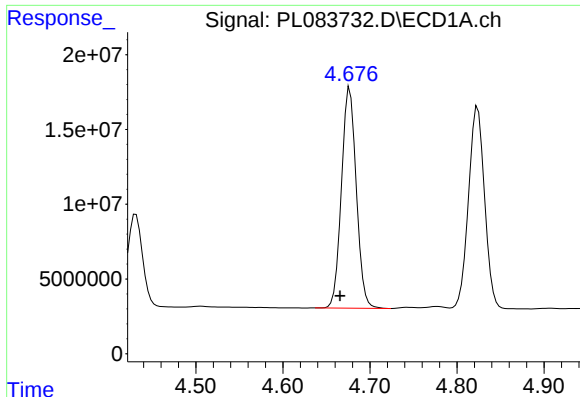
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.011 min
Response: 74808285
Conc: 49.82 ng/ml



#6 beta-BHC

R.T.: 3.833 min
Delta R.T.: 0.003 min
Response: 86142750
Conc: 51.27 ng/ml



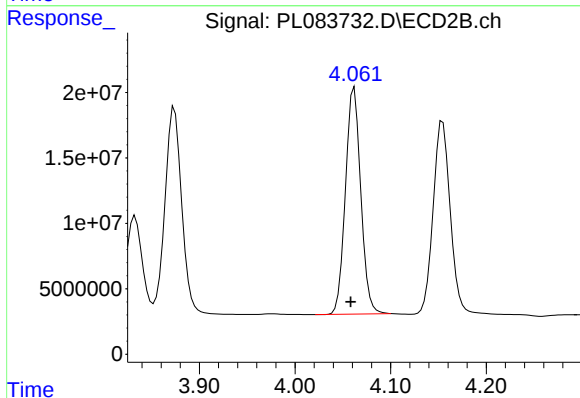
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.011 min
Response: 174544567
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

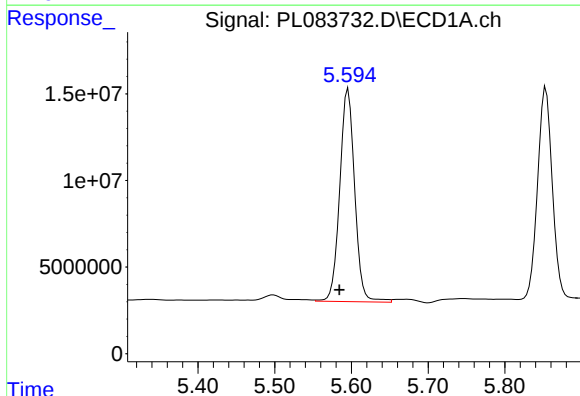
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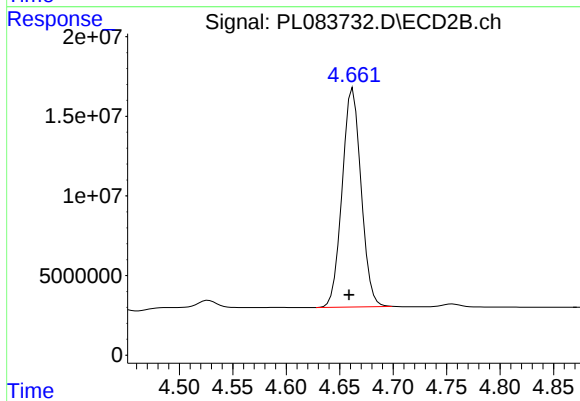
#7 delta-BHC

R.T.: 4.062 min
Delta R.T.: 0.004 min
Response: 193907157
Conc: 51.03 ng/ml



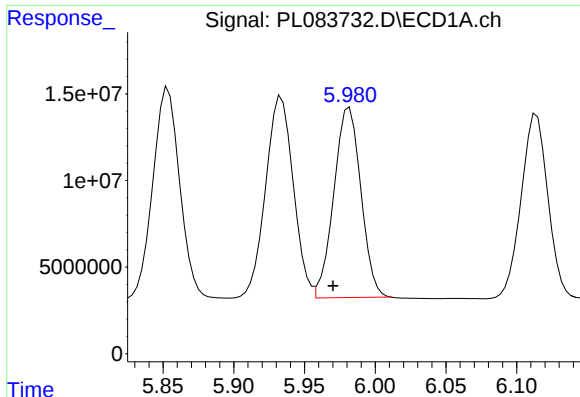
#8 Heptachlor epoxide

R.T.: 5.596 min
Delta R.T.: 0.012 min
Response: 166827590
Conc: 49.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.662 min
Delta R.T.: 0.004 min
Response: 169341750
Conc: 50.39 ng/ml



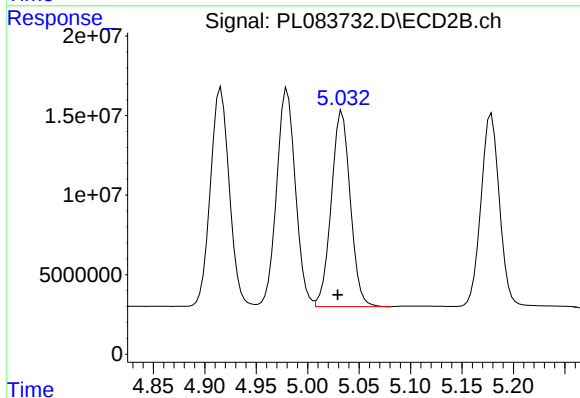
#9 Endosulfan I

R.T.: 5.982 min
Delta R.T.: 0.012 min
Response: 146369824
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

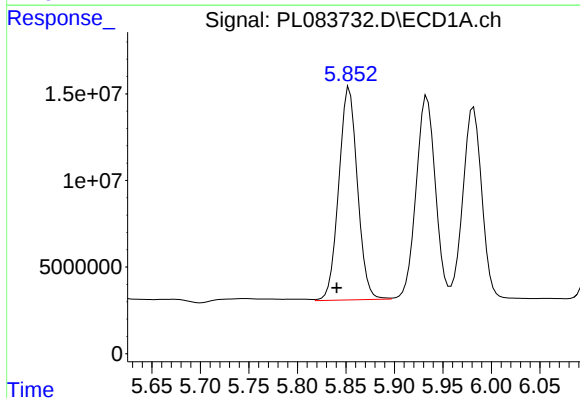
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Reviewed By :Abdul Mirza 06/28/2023
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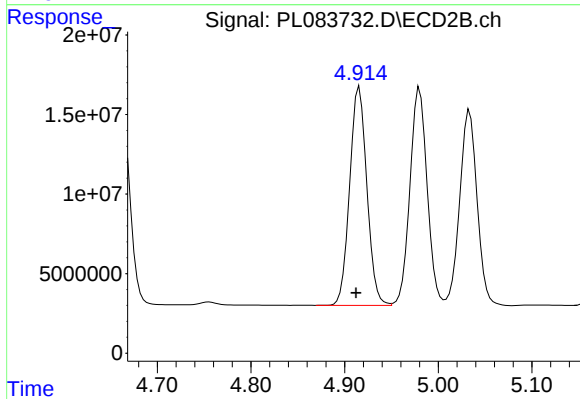
#9 Endosulfan I

R.T.: 5.034 min
Delta R.T.: 0.004 min
Response: 158517272
Conc: 51.25 ng/ml



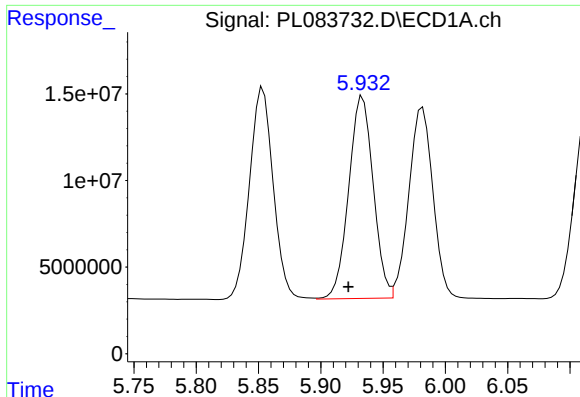
#10 gamma-Chlordane

R.T.: 5.854 min
Delta R.T.: 0.013 min
Response: 164428113
Conc: 48.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.916 min
Delta R.T.: 0.004 min
Response: 175577548
Conc: 51.54 ng/ml



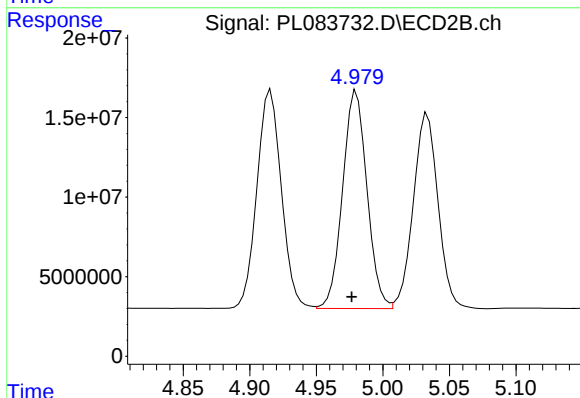
#11 alpha-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.012 min
Response: 160477649
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

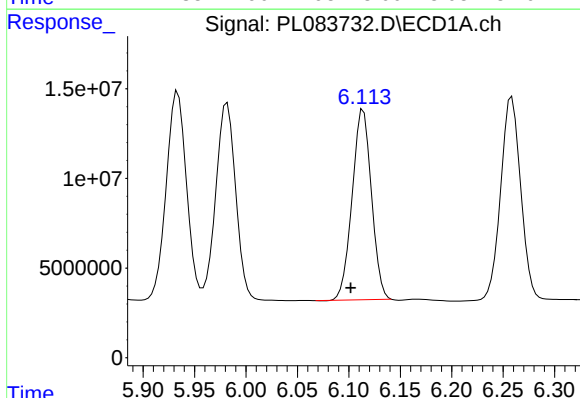
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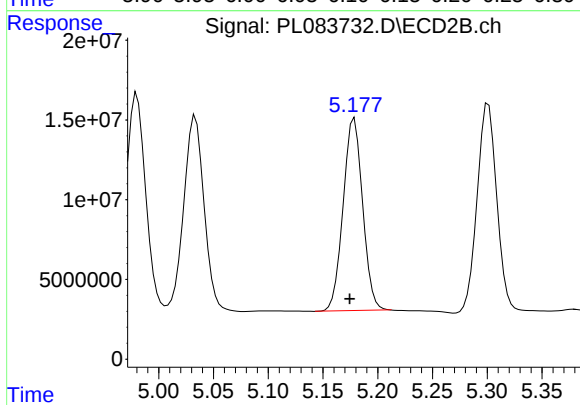
#11 alpha-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.004 min
Response: 174415797
Conc: 51.50 ng/ml



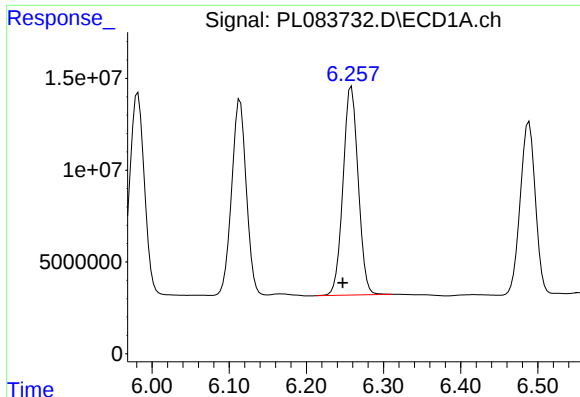
#12 4,4'-DDE

R.T.: 6.114 min
Delta R.T.: 0.012 min
Response: 138588562
Conc: 48.42 ng/ml



#12 4,4'-DDE

R.T.: 5.179 min
Delta R.T.: 0.004 min
Response: 149307963
Conc: 53.39 ng/ml



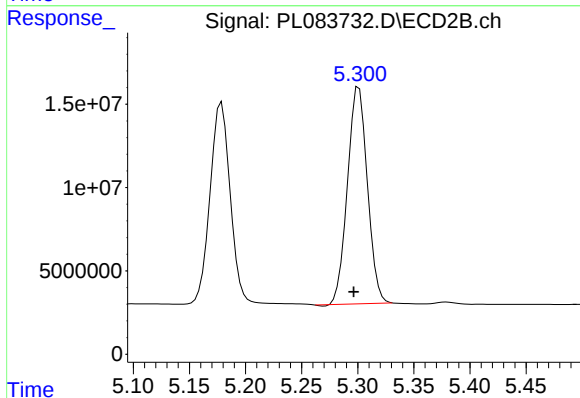
#13 Dieldrin

R.T.: 6.258 min
Delta R.T.: 0.011 min
Response: 154652177
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

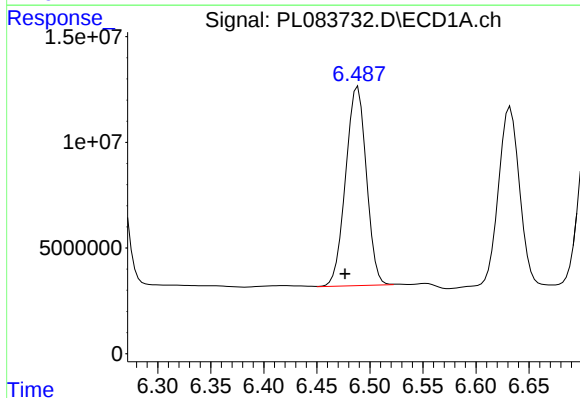
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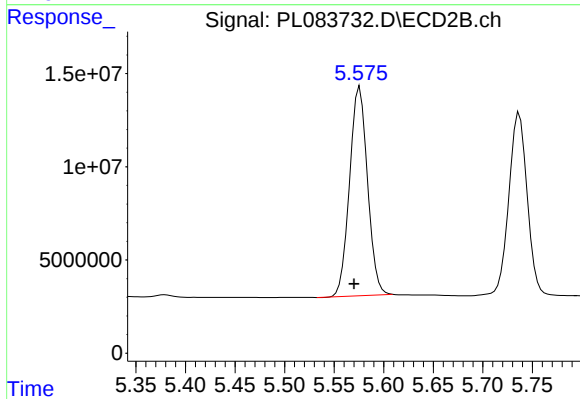
#13 Dieldrin

R.T.: 5.301 min
Delta R.T.: 0.005 min
Response: 160340109
Conc: 50.80 ng/ml



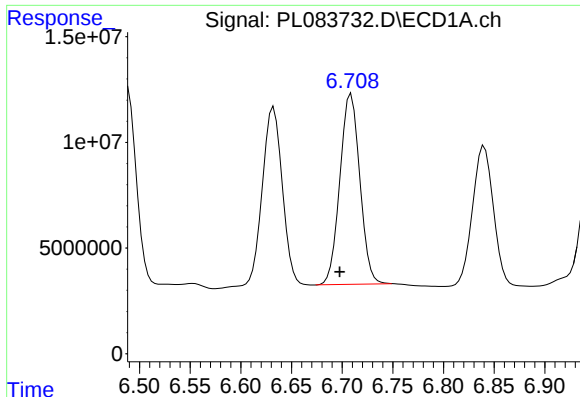
#14 Endrin

R.T.: 6.487 min
Delta R.T.: 0.011 min
Response: 127880738
Conc: 48.47 ng/ml m



#14 Endrin

R.T.: 5.576 min
Delta R.T.: 0.006 min
Response: 141456044
Conc: 53.16 ng/ml



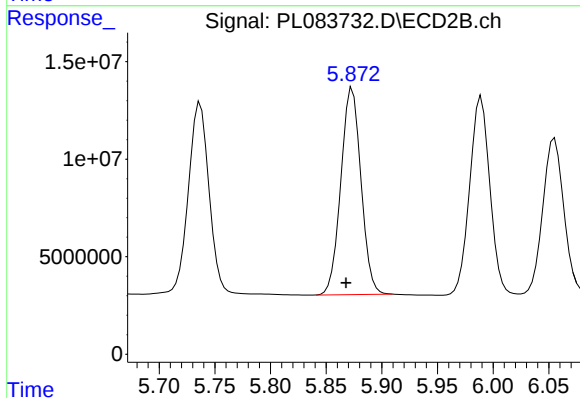
#15 Endosulfan II

R.T.: 6.708 min
Delta R.T.: 0.010 min
Response: 123381201
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

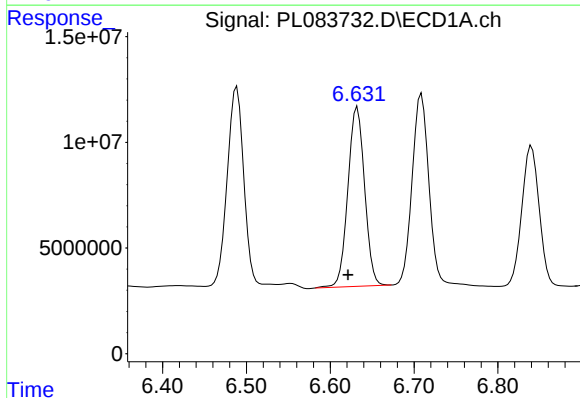
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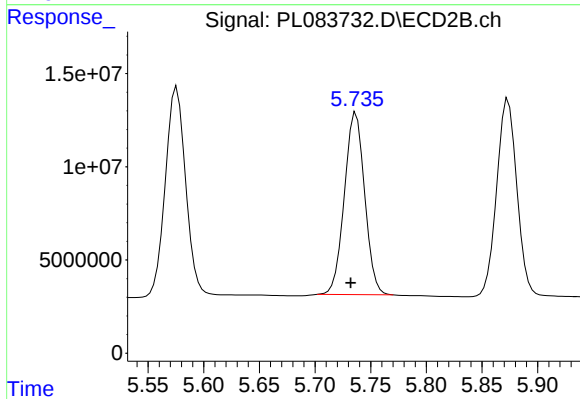
#15 Endosulfan II

R.T.: 5.874 min
Delta R.T.: 0.006 min
Response: 133594357
Conc: 52.13 ng/ml



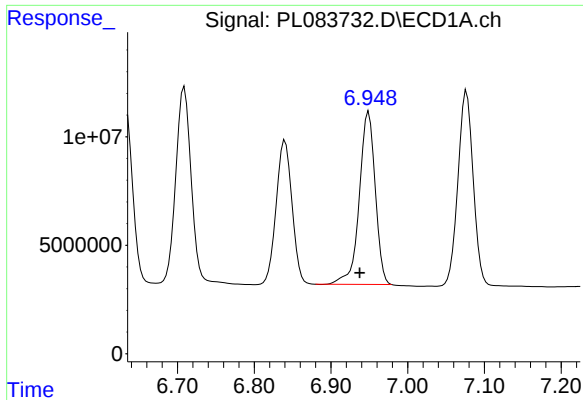
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.011 min
Response: 117752280
Conc: 54.39 ng/ml



#16 4,4'-DDD

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 124046066
Conc: 57.21 ng/ml



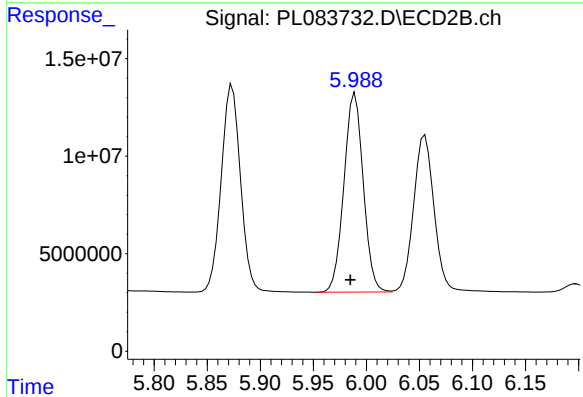
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.012 min
Response: 115387642
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

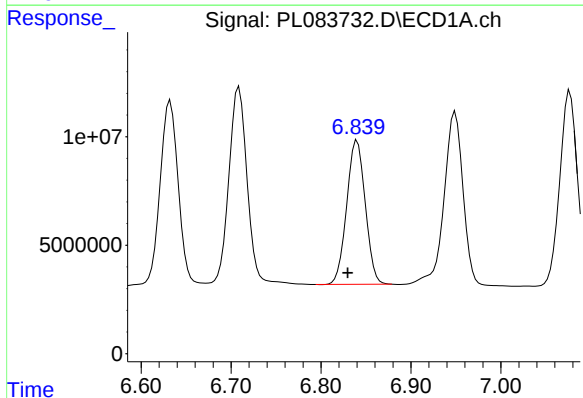
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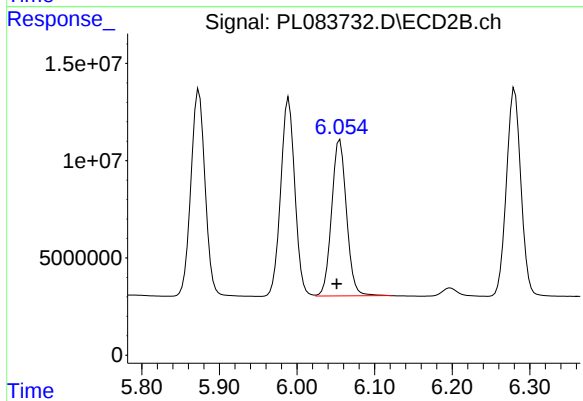
#17 4,4'-DDT

R.T.: 5.989 min
Delta R.T.: 0.004 min
Response: 128817557
Conc: 51.94 ng/ml



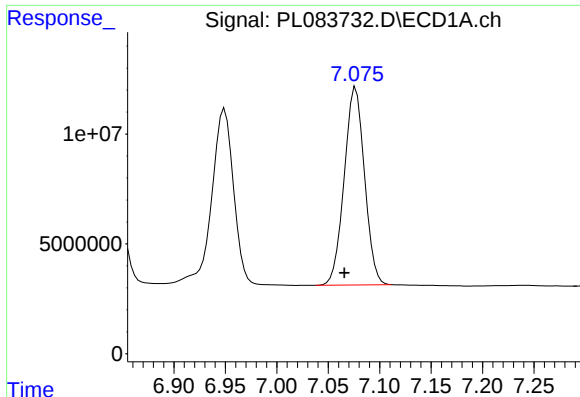
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: 0.011 min
Response: 95268932
Conc: 51.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.055 min
Delta R.T.: 0.004 min
Response: 107320587
Conc: 52.48 ng/ml



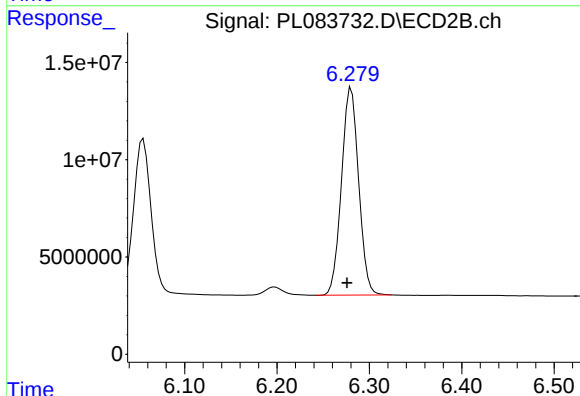
#19 Endosulfan Sulfate

R.T.: 7.077 min
Delta R.T.: 0.011 min
Response: 123724008
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

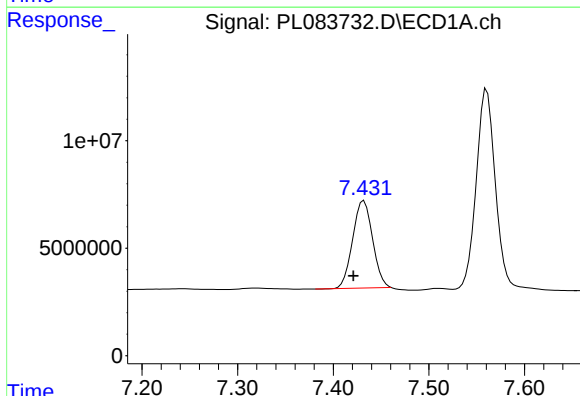
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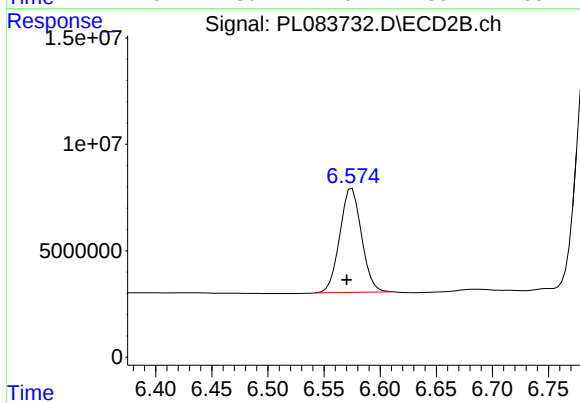
#19 Endosulfan Sulfate

R.T.: 6.280 min
Delta R.T.: 0.005 min
Response: 137908583
Conc: 52.99 ng/ml



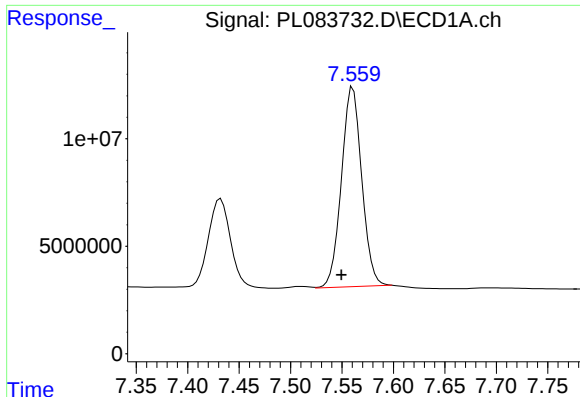
#20 Methoxychlor

R.T.: 7.432 min
Delta R.T.: 0.011 min
Response: 59118304
Conc: 51.11 ng/ml



#20 Methoxychlor

R.T.: 6.575 min
Delta R.T.: 0.005 min
Response: 65889959
Conc: 52.04 ng/ml



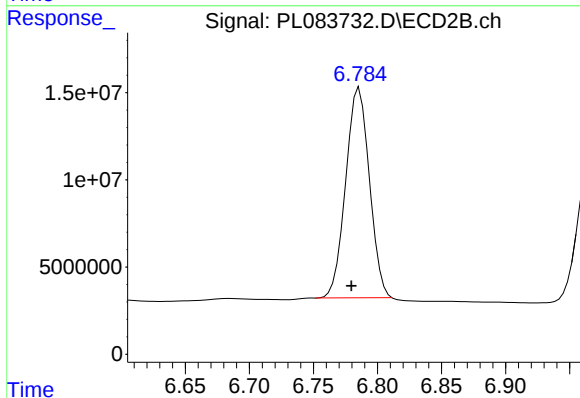
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.010 min
Response: 127448806
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

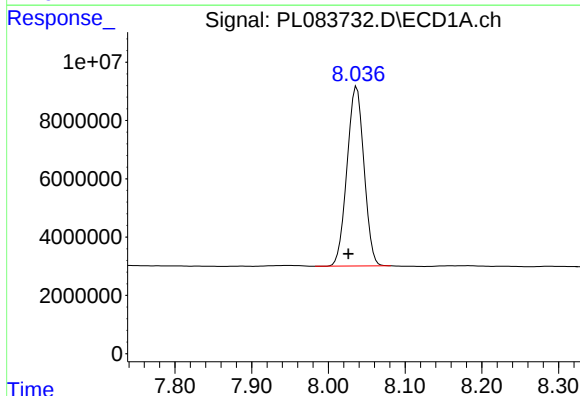
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/28/2023
Supervised By :Ankita Jodhani 06/28/2023



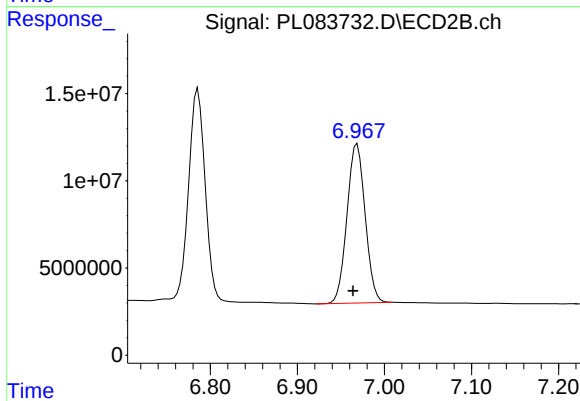
#21 Endrin ketone

R.T.: 6.786 min
Delta R.T.: 0.006 min
Response: 155161757
Conc: 53.53 ng/ml



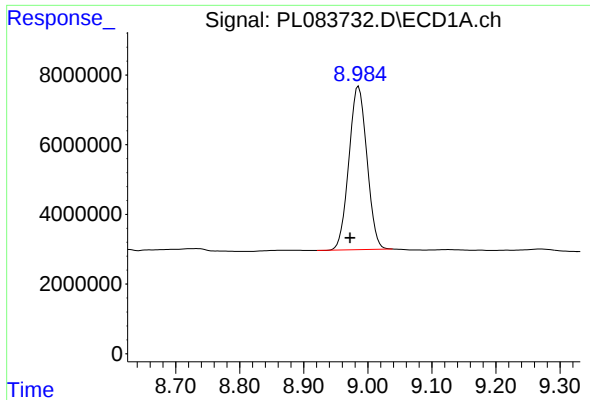
#22 Mirex

R.T.: 8.037 min
Delta R.T.: 0.011 min
Response: 95240528
Conc: 50.01 ng/ml



#22 Mirex

R.T.: 6.969 min
Delta R.T.: 0.005 min
Response: 132277725
Conc: 52.35 ng/ml



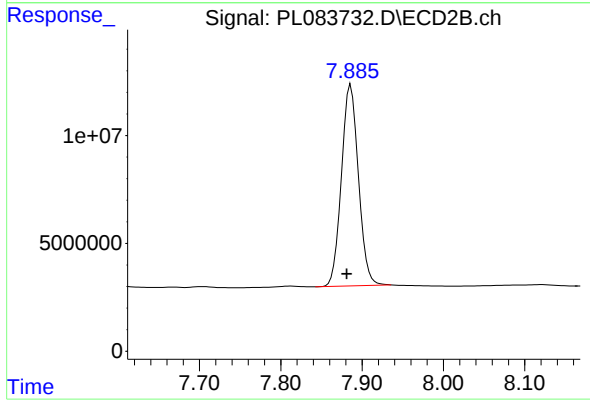
#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.013 min
Response: 91569455
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/28/2023



#28 Decachlorobiphenyl

R.T.: 7.886 min
Delta R.T.: 0.005 min
Response: 135170854
Conc: 54.67 ng/ml