

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 01:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/21/2023
 Supervised By : Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:22:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.453	2.752	105.4E6	115.5E6	47.669	49.596
28)	SA Decachlor...	8.989	7.960	102.3E6	121.7E6	53.703	49.563
Target Compounds							
2)	A alpha-BHC	3.909	3.262	153.2E6	171.6E6	49.203	50.825
3)	MA gamma-BHC...	4.243	3.595	141.9E6	162.8E6	49.780	50.718
4)	MA Heptachlor	4.834	3.941	134.1E6	155.3E6	48.484	50.166
5)	MB Aldrin	5.177	4.224	129.0E6	155.5E6	49.653	51.662
6)	B beta-BHC	4.441	3.896	63626006	74988155	49.179	50.247
7)	B delta-BHC	4.688	4.128	139.5E6	167.2E6	50.624	51.875
8)	B Heptachlo...	5.605	4.731	124.4E6	148.2E6	49.023	51.635m
9)	A Endosulfan I	5.990	5.105	114.0E6	139.6E6	51.157	51.808
10)	B gamma-Chl...	5.862	4.987	123.2E6	154.7E6	51.210	52.292
11)	B alpha-Chl...	5.942	5.052	121.9E6	155.0E6	51.465	52.391
12)	B 4,4'-DDE	6.121	5.249	108.0E6	138.2E6	53.508	54.086
13)	MA Dieldrin	6.267	5.373	114.9E6	152.3E6	51.163	54.306
14)	MA Endrin	6.496	5.649	97295923	126.6E6	55.129	54.866
15)	B Endosulfa...	6.716	5.947	97611557	119.9E6	52.297	50.519
16)	A 4,4'-DDD	6.638	5.807	97411614	127.3E6	57.052	57.724
17)	MA 4,4'-DDT	6.953	6.061	83764212	104.2E6	49.751	49.905
18)	B Endrin al...	6.845	6.128	77892232	97480834	52.545m	51.577
19)	B Endosulfa...	7.082	6.354	103.8E6	127.3E6	54.035	52.577
20)	A Methoxychlor	7.435	6.646	47877956	59931087	52.784	49.728
21)	B Endrin ke...	7.567	6.861	114.9E6	146.1E6	53.620	51.952
22)	Mirex	8.042	7.046	96493472	120.1E6	51.699	49.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 01:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

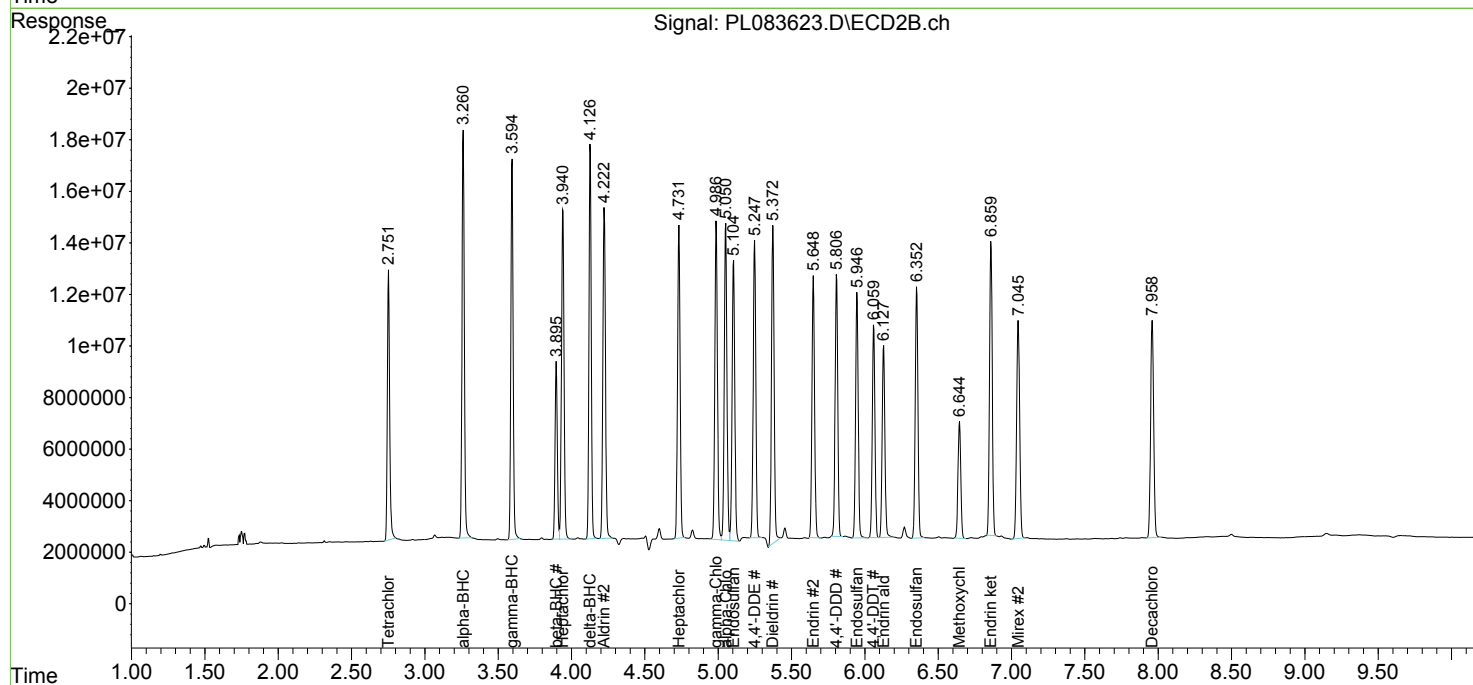
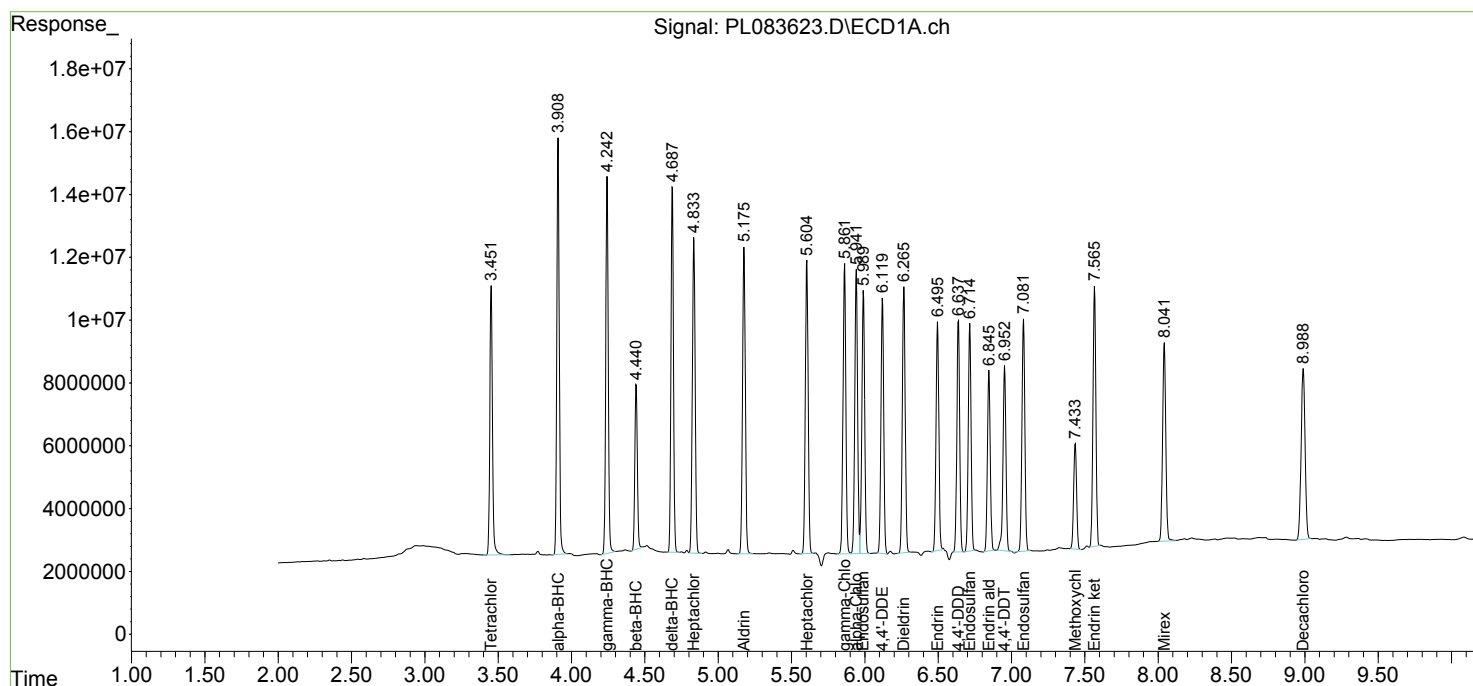
APPROVED

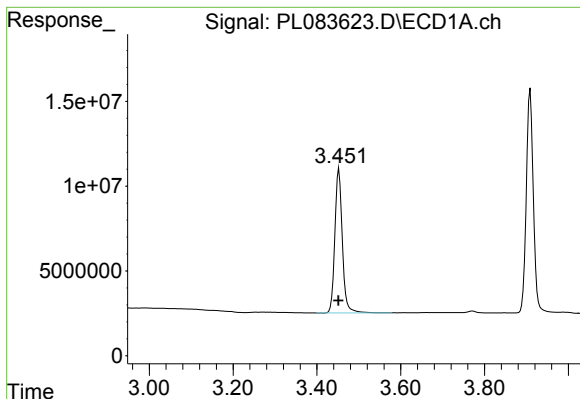
Reviewed By :Abdul Mirza 06/21/2023

Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 07:22:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
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 Response via : Initial Calibration
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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





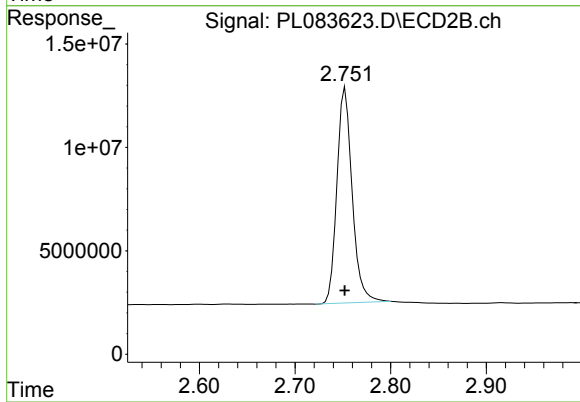
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.002 min
Response: 105364292
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

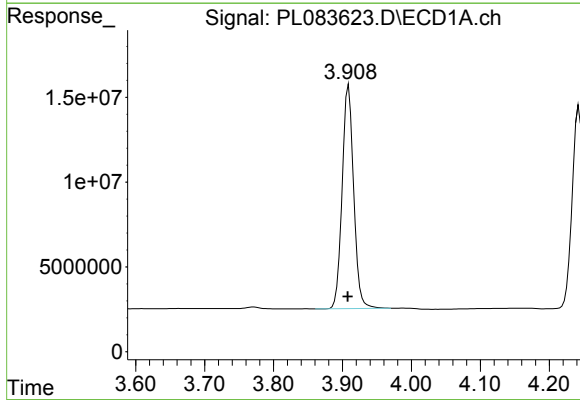
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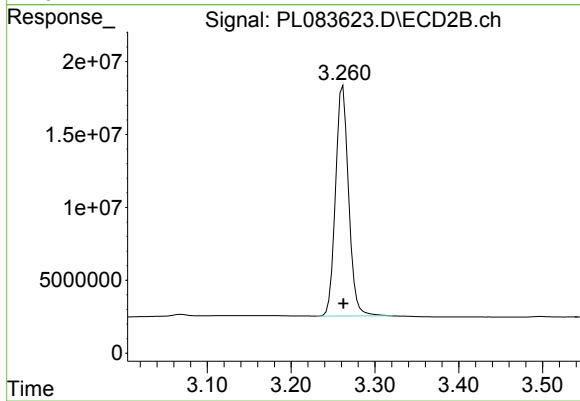
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 115526810
Conc: 49.60 ng/ml



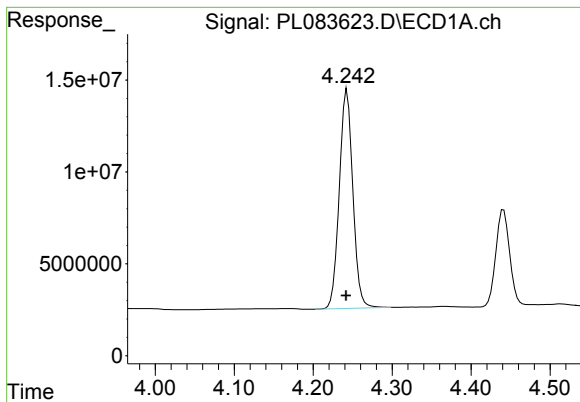
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.001 min
Response: 153189881
Conc: 49.20 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 171564066
Conc: 50.82 ng/ml



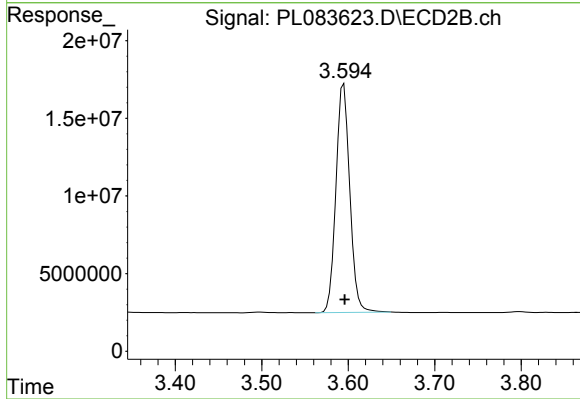
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 141911606
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

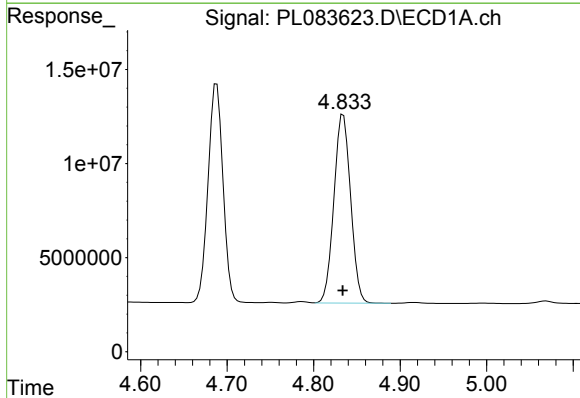
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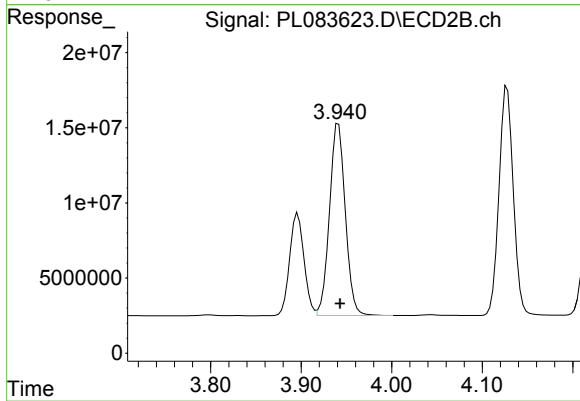
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 162836777
Conc: 50.72 ng/ml



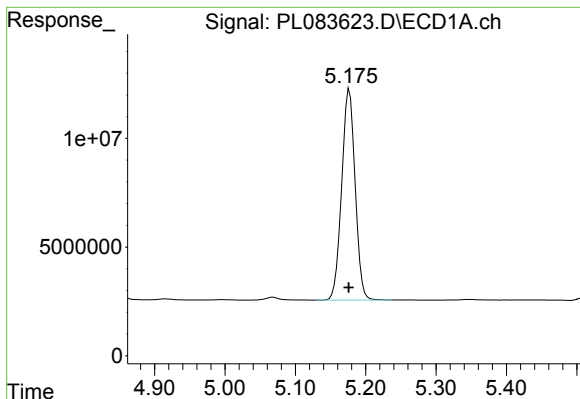
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 134053998
Conc: 48.48 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 155297481
Conc: 50.17 ng/ml



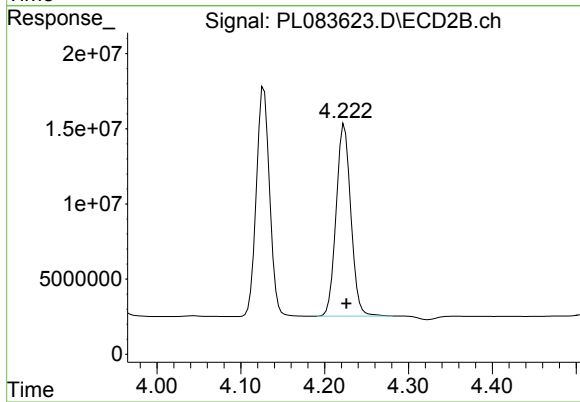
#5 Aldrin

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 129041764
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

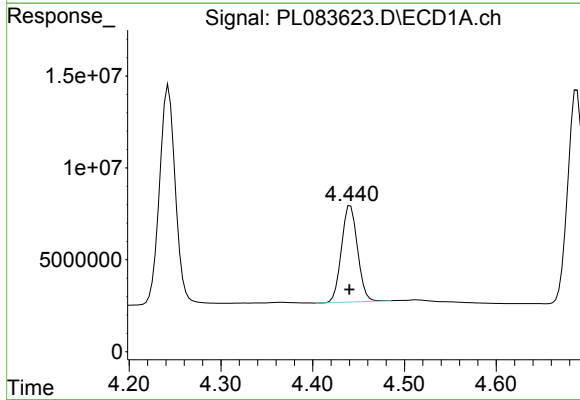
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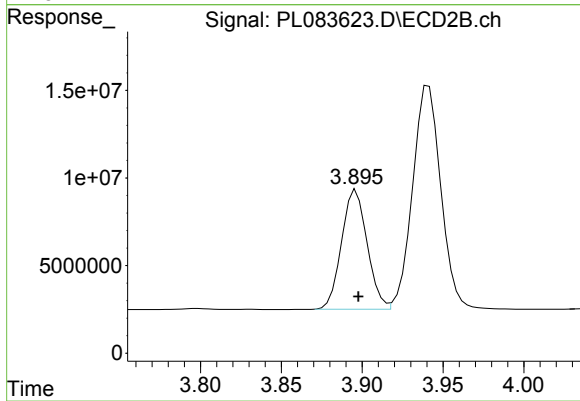
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.002 min
Response: 155532422
Conc: 51.66 ng/ml



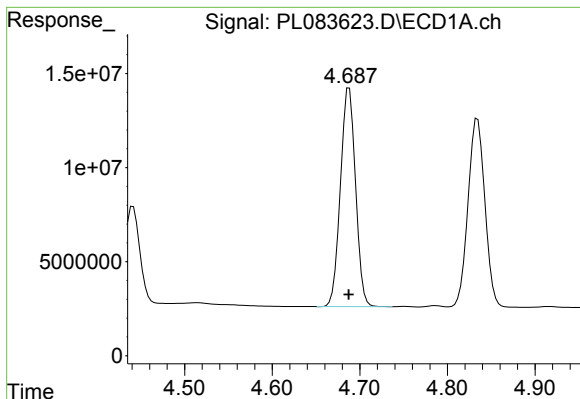
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 63626006
Conc: 49.18 ng/ml



#6 beta-BHC

R.T.: 3.896 min
Delta R.T.: -0.001 min
Response: 74988155
Conc: 50.25 ng/ml



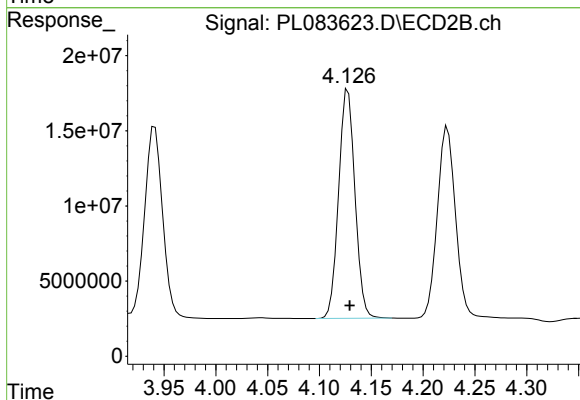
#7 delta-BHC

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 139534822
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

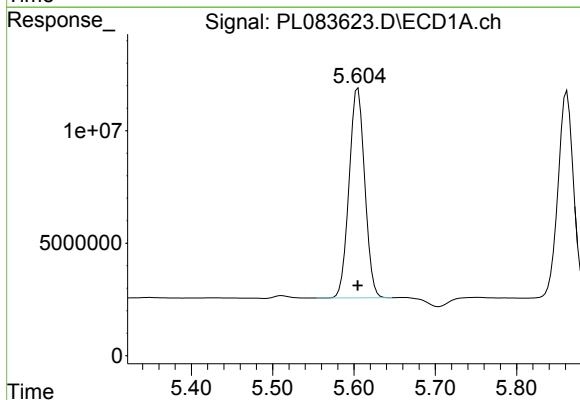
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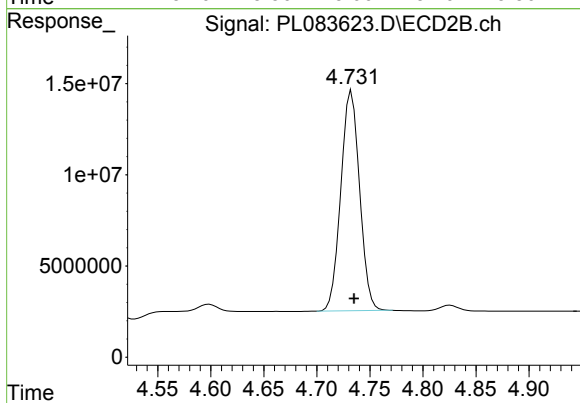
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 167205155
Conc: 51.88 ng/ml



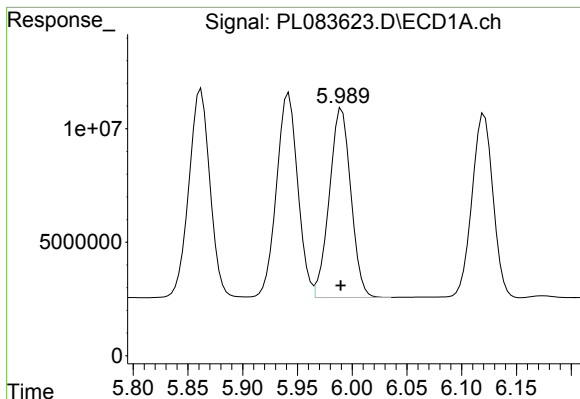
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 124437303
Conc: 49.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 148215189
Conc: 51.63 ng/ml m



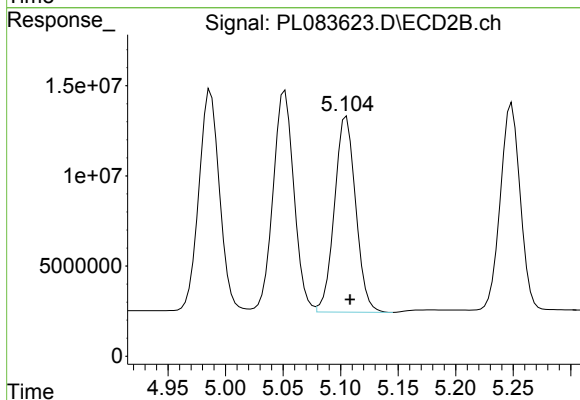
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.001 min
Response: 113990905
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

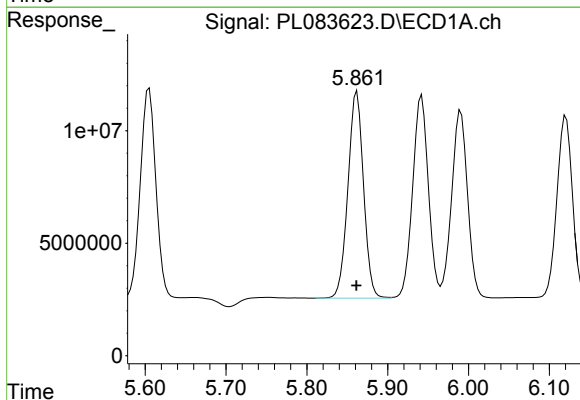
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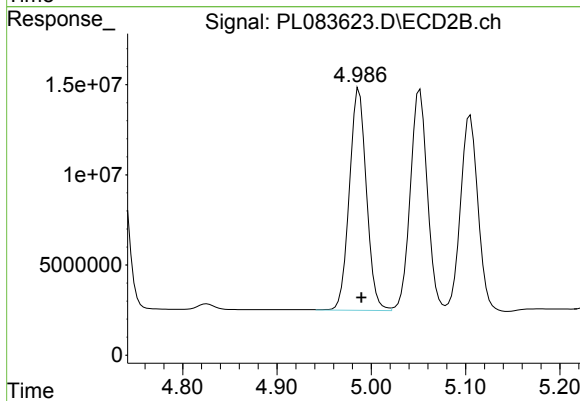
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 139626965
Conc: 51.81 ng/ml



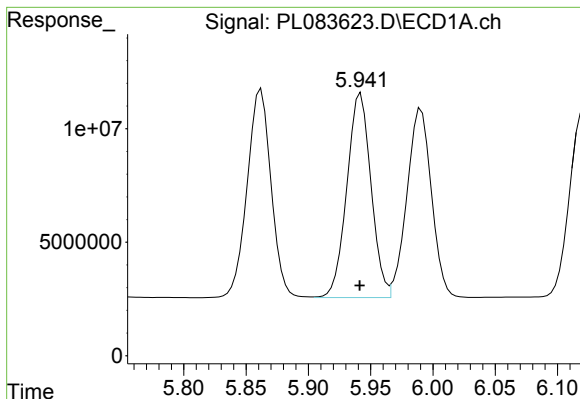
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 123194944
Conc: 51.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 154719110
Conc: 52.29 ng/ml



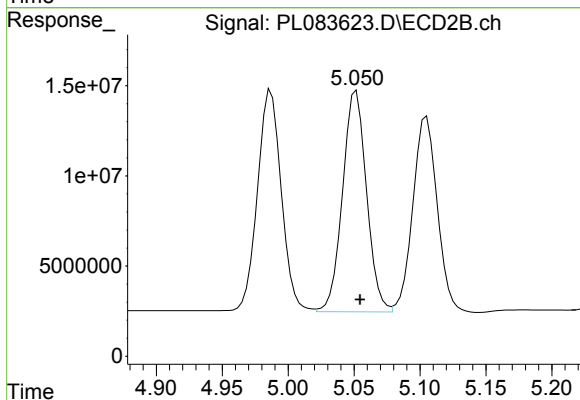
#11 alpha-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 121903599
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

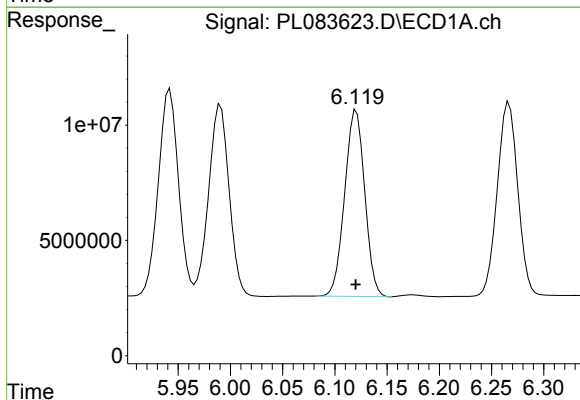
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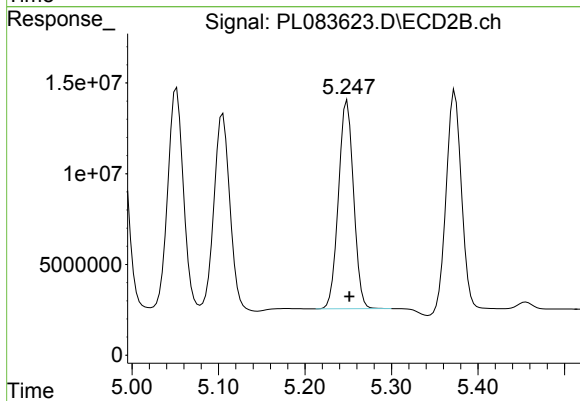
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 154986252
Conc: 52.39 ng/ml



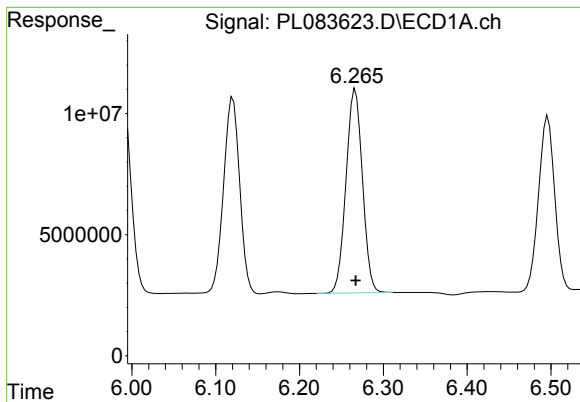
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 108016872
Conc: 53.51 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 138168057
Conc: 54.09 ng/ml



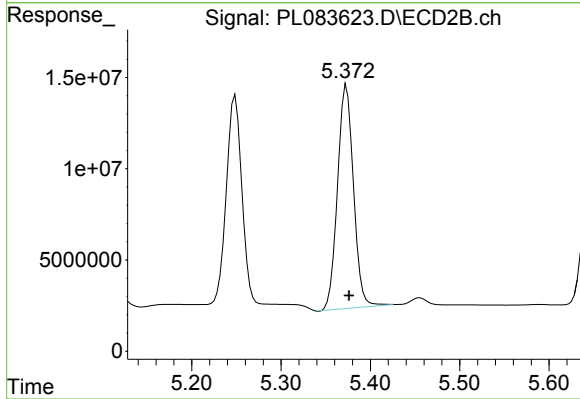
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 114883172
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

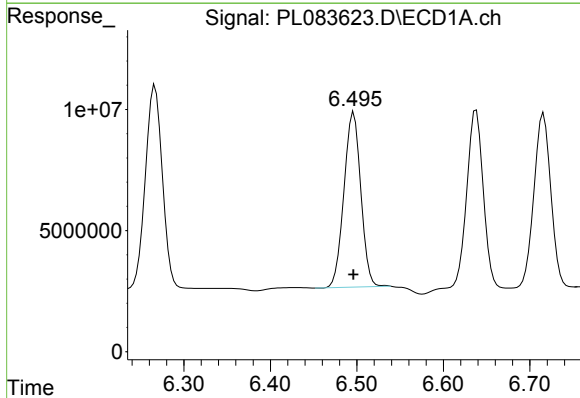
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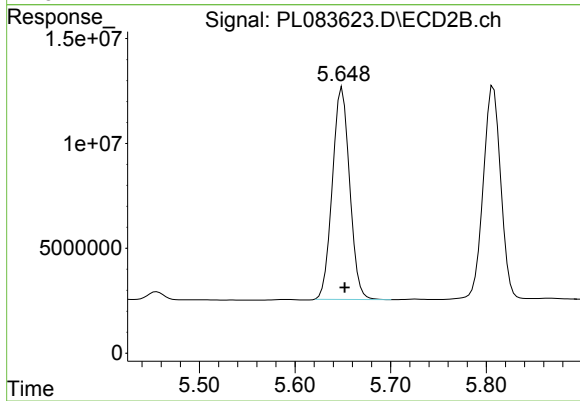
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 152286440
Conc: 54.31 ng/ml



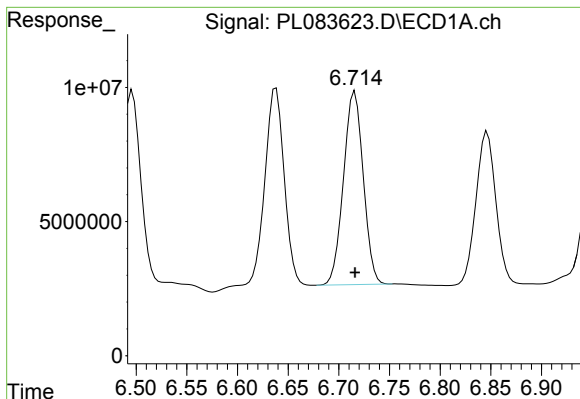
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 97295923
Conc: 55.13 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 126636897
Conc: 54.87 ng/ml



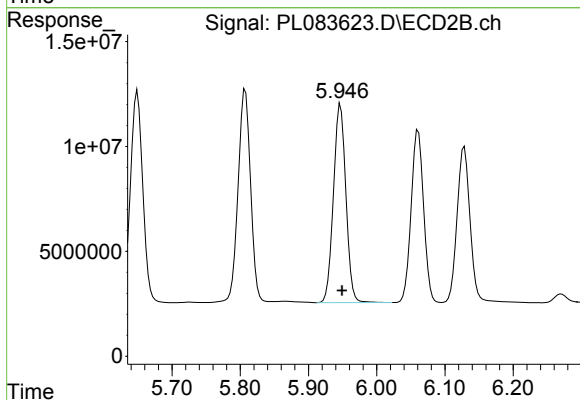
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 97611557
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

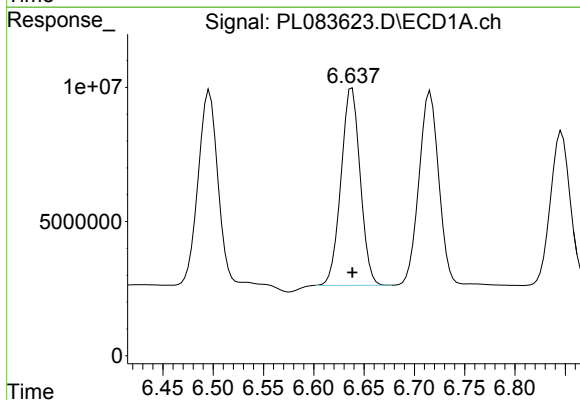
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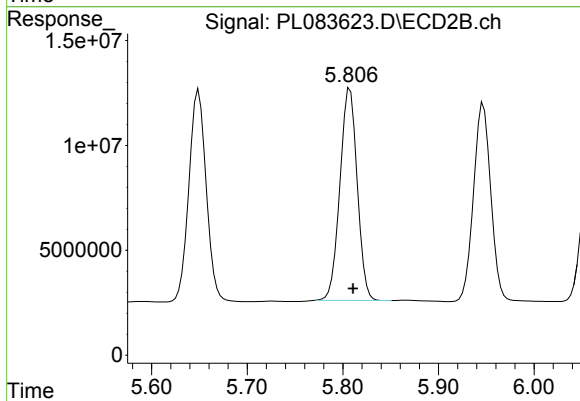
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 119916855
Conc: 50.52 ng/ml



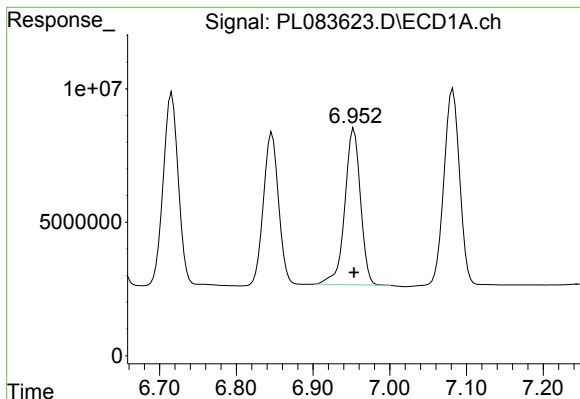
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 97411614
Conc: 57.05 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 127289130
Conc: 57.72 ng/ml



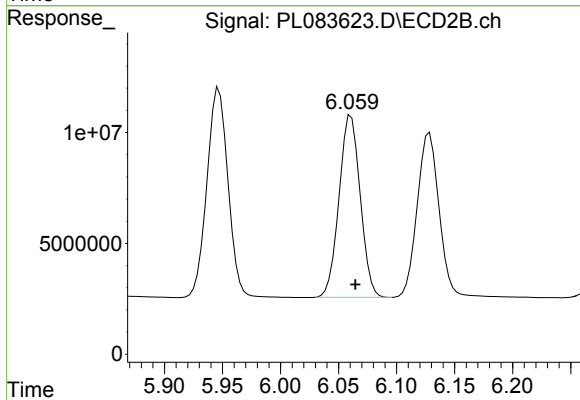
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 83764212
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

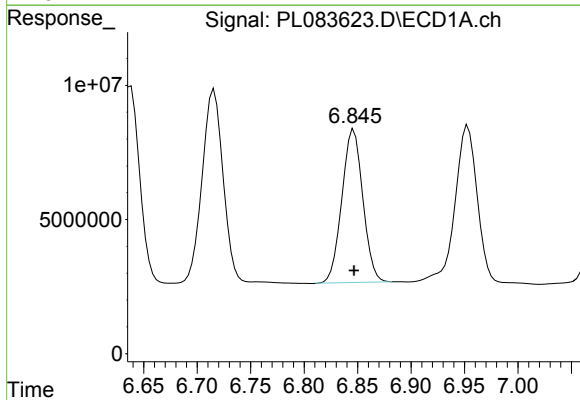
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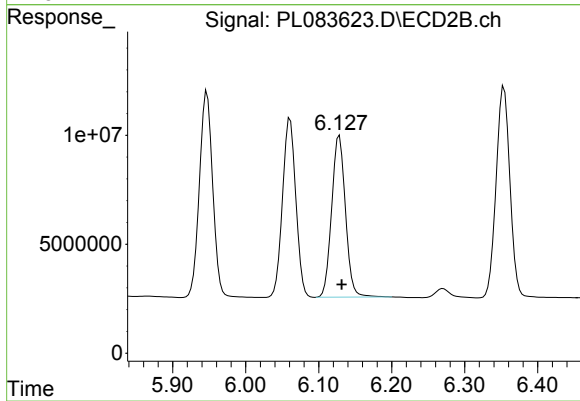
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 104193417
Conc: 49.90 ng/ml



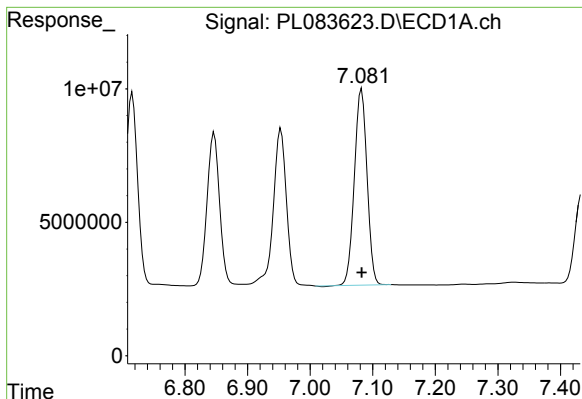
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 77892232
Conc: 52.55 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.003 min
Response: 97480834
Conc: 51.58 ng/ml



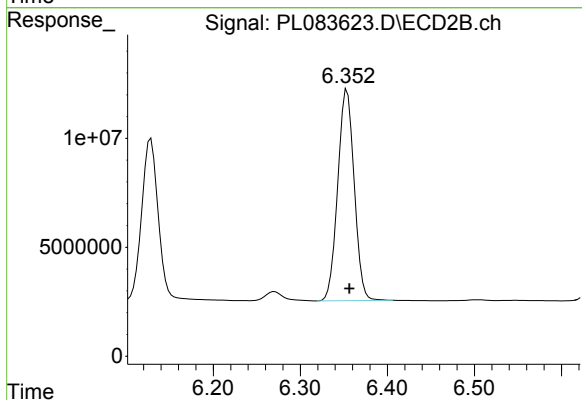
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 103769373
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

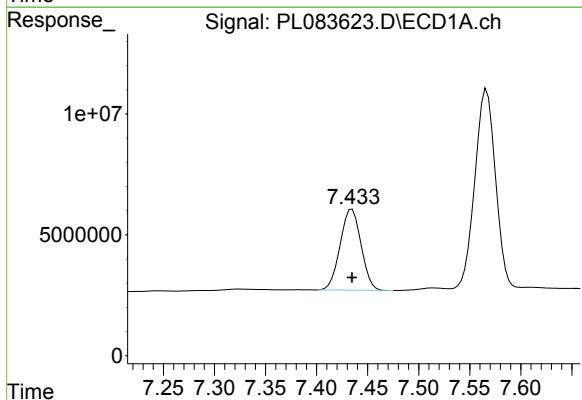
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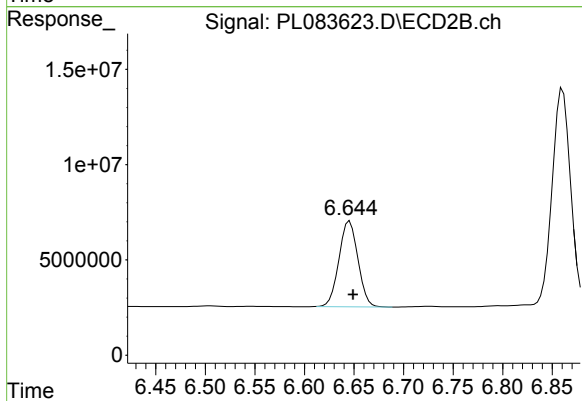
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 127325551
Conc: 52.58 ng/ml



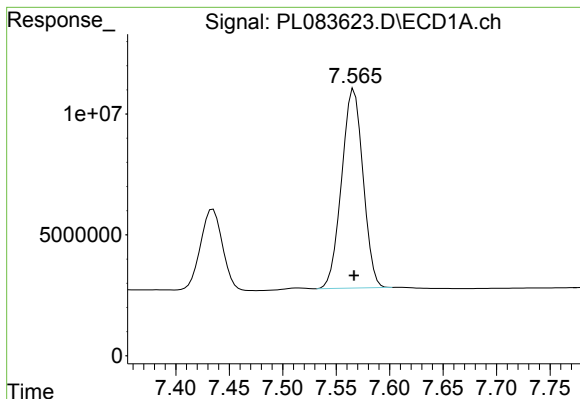
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 47877956
Conc: 52.78 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.004 min
Response: 59931087
Conc: 49.73 ng/ml



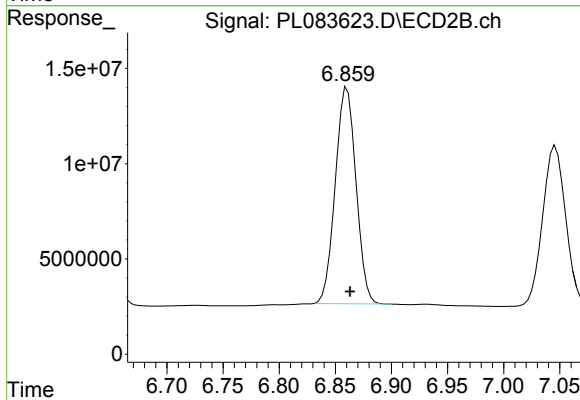
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 114885094
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

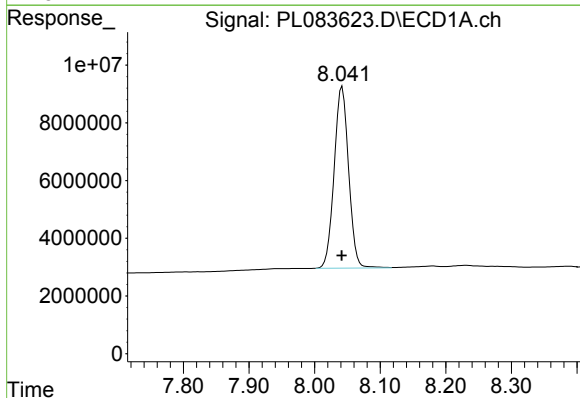
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



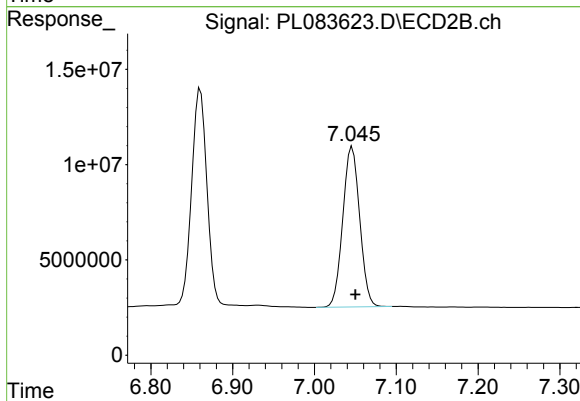
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 146057017
Conc: 51.95 ng/ml



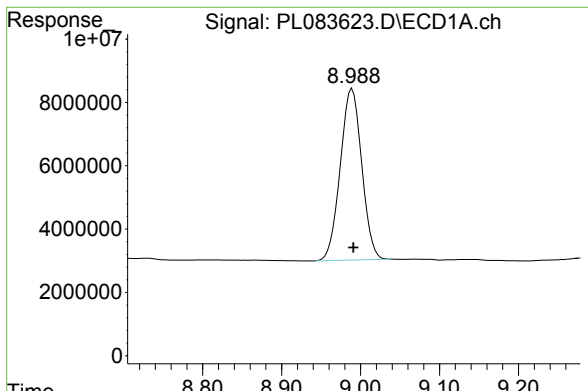
#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 96493472
Conc: 51.70 ng/ml



#22 Mirex

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 120118568
Conc: 49.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.989 min

Delta R.T.: -0.001 min

Response: 102333906

Conc: 53.70 ng/ml

Instrument :

ECD_L

ClientSampleId :

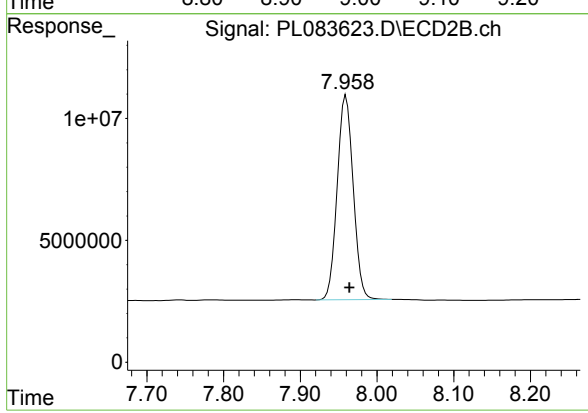
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.960 min

Delta R.T.: -0.004 min

Response: 121731741

Conc: 49.56 ng/ml