

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 15:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/06/2022
 Supervised By : Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 16:16:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.744	3.497	123.1E6	1649.8E6	49.067	45.510
28)	SA Decachlor...	7.919	8.986	125.2E6	492.0E6	49.129	48.966
Target Compounds							
2)	A alpha-BHC	3.249	3.960	200.6E6	2346.1E6	50.122	46.149
3)	MA gamma-BHC...	3.580	4.294	181.1E6	1896.9E6	50.121	45.758
4)	MA Heptachlor	3.923	4.869	186.9E6	1393.8E6	49.747	46.302
5)	MB Aldrin	4.205	5.209	177.7E6	1133.0E6	50.251	46.946
6)	B beta-BHC	3.878	4.502	76247102	775.7E6	49.306	46.547
7)	B delta-BHC	4.110	4.748	182.9E6	1418.4E6	50.188	47.902
8)	B Heptachlo...	4.711	5.640	158.2E6	893.6E6	49.636	47.061
9)	A Endosulfan I	5.083	6.027	145.7E6	806.9E6	49.059	47.542
10)	B gamma-Chl...	4.963	5.895	161.3E6	875.6E6	49.196	47.235
11)	B alpha-Chl...	5.027	5.972	157.8E6	846.9E6	49.156	47.181
12)	B 4,4'-DDE	5.220	6.147	152.1E6	834.3E6	49.978	46.902
13)	MA Dieldrin	5.349	6.303	155.7E6	832.9E6	49.433	47.809
14)	MA Endrin	5.626	6.536	134.7E6	675.2E6	49.619	47.796
15)	B Endosulfa...	5.920	6.761	127.7E6	648.8E6	50.005m	48.049
16)	A 4,4'-DDD	5.778	6.670	131.1E6	685.6E6	50.210	49.326
17)	MA 4,4'-DDT	6.030	6.980	133.1E6	689.3E6	50.773	48.857
18)	B Endrin al...	6.102	6.891	104.5E6	521.7E6	49.056	48.102
19)	B Endosulfa...	6.326	7.124	133.0E6	615.2E6	49.197	48.584
20)	A Methoxychlor	6.610	7.457	76450904	342.6E6	49.536	49.359
21)	B Endrin ke...	6.833	7.613	160.1E6	686.5E6	50.337	48.971
22)	Mirex	7.017	8.073	113.4E6	455.5E6	48.745	49.078

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100522\
 Data File : PD072229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2022 15:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

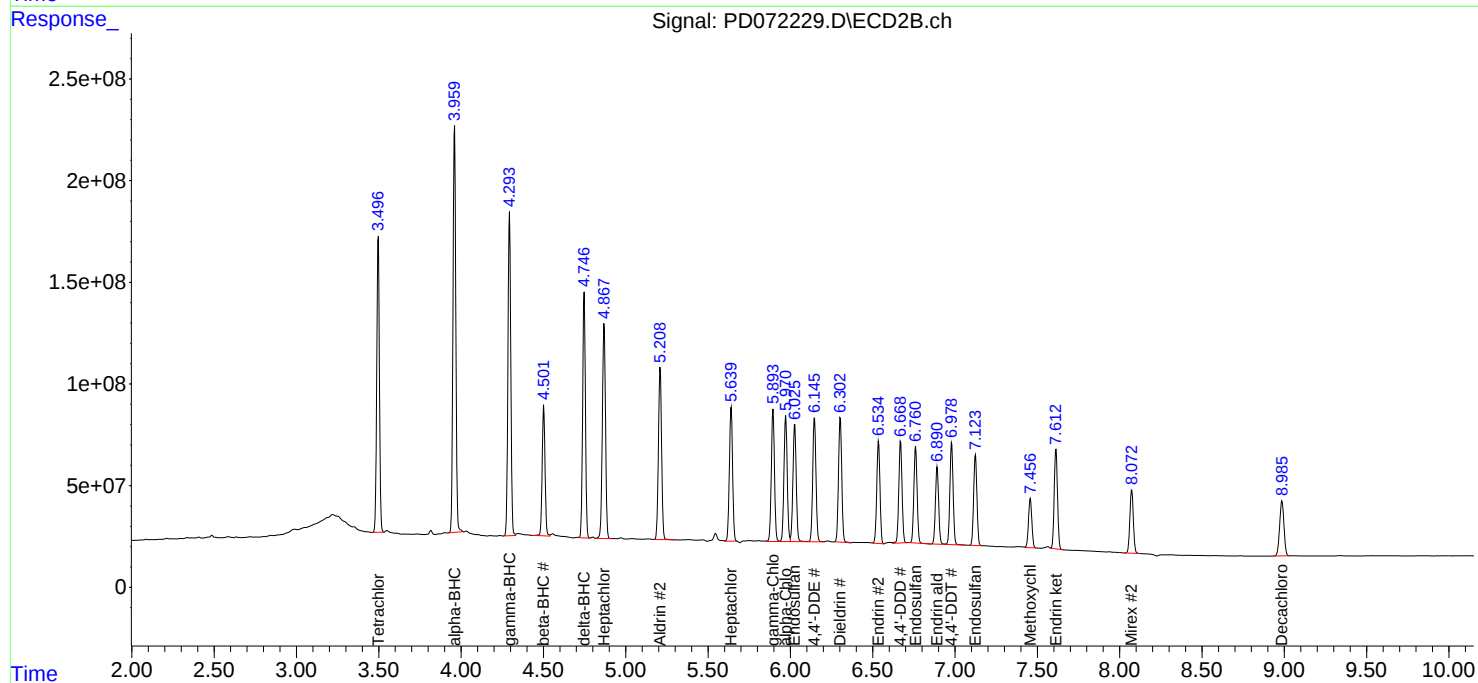
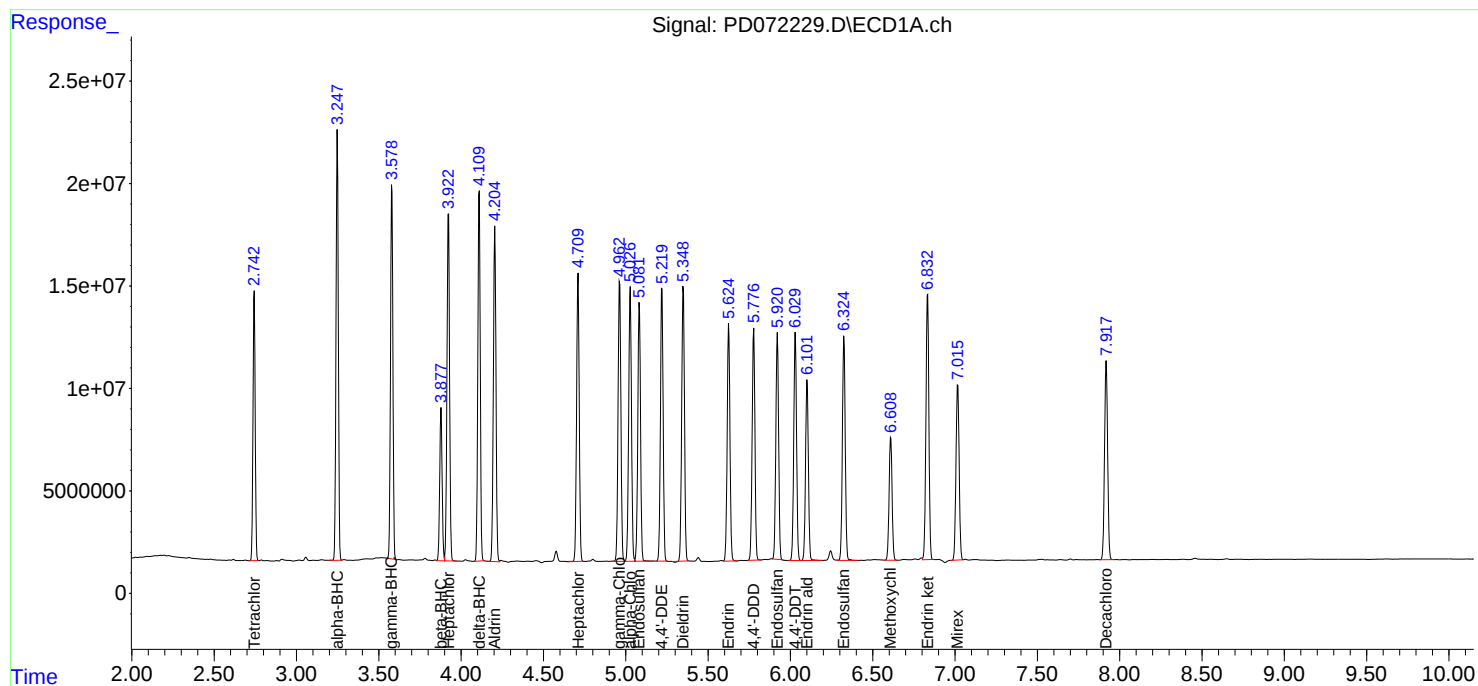
Manual Integrations

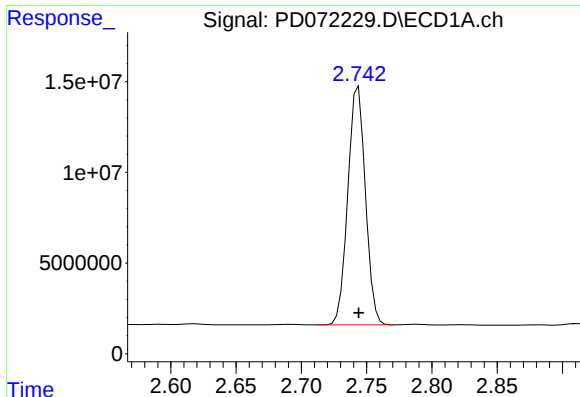
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 16:16:15 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





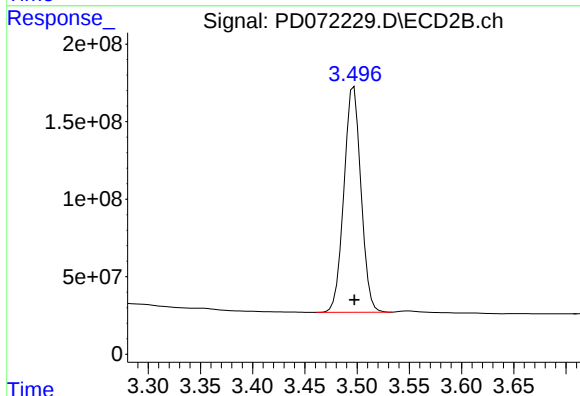
#1 Tetrachloro-m-xylene

R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 123137118
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

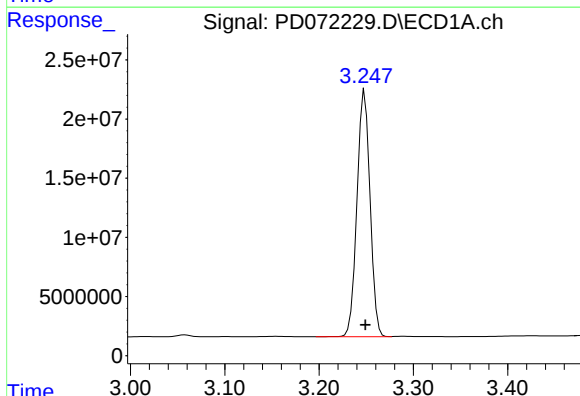
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



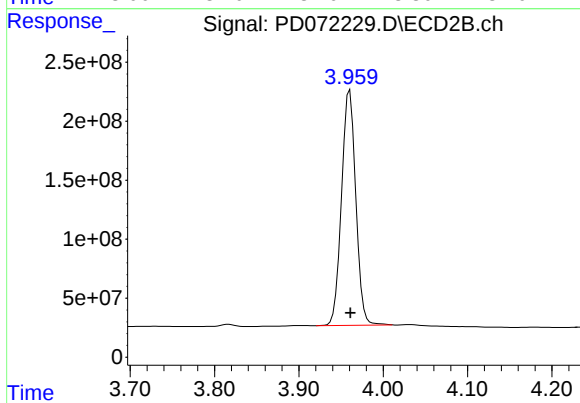
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 1649768887
Conc: 45.51 ng/ml



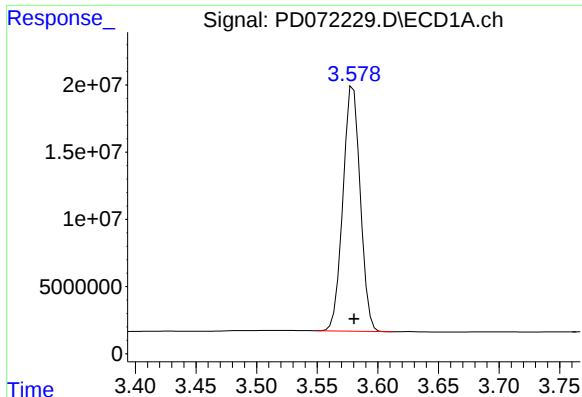
#2 alpha-BHC

R.T.: 3.249 min
Delta R.T.: 0.000 min
Response: 200621690
Conc: 50.12 ng/ml



#2 alpha-BHC

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 2346089872
Conc: 46.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.580 min
Delta R.T.: 0.000 min
Response: 181062705
Conc: 50.12 ng/ml

Instrument :

ECD_D

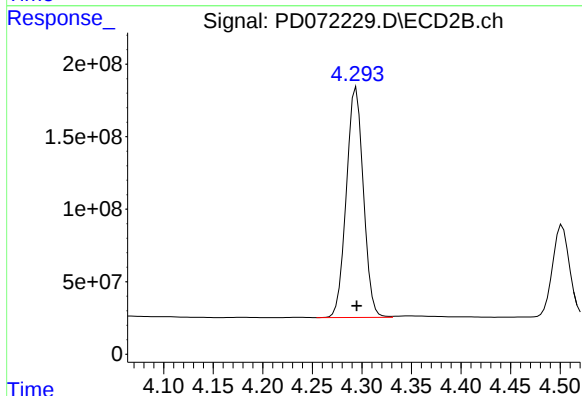
ClientSampleId :

PSTDCCC050

Manual Integrations

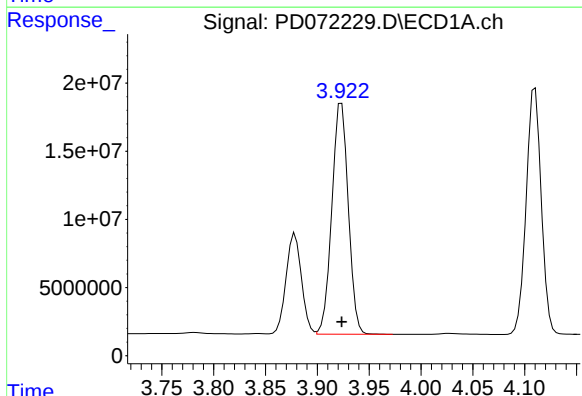
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



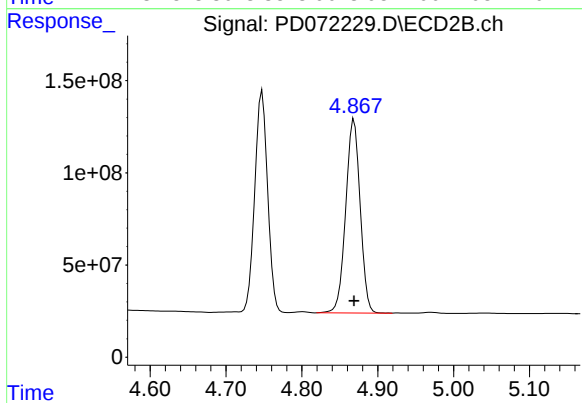
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 1896896340
Conc: 45.76 ng/ml



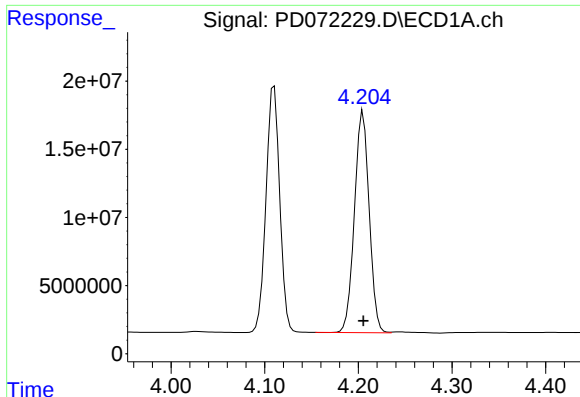
#4 Heptachlor

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 186864487
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 1393803269
Conc: 46.30 ng/ml



#5 Aldrin

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 177697136
Conc: 50.25 ng/ml

Instrument :

ECD_D

ClientSampleId :

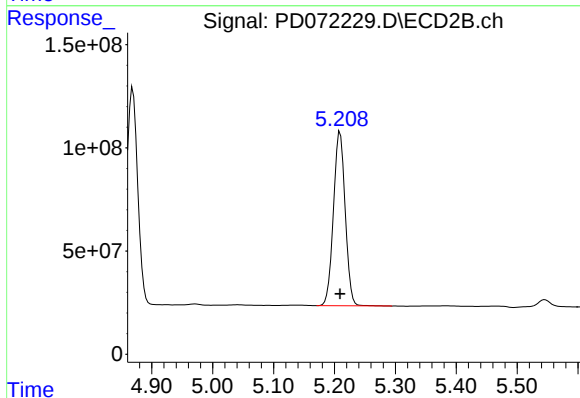
PSTDCCC050

Manual Integrations

APPROVED

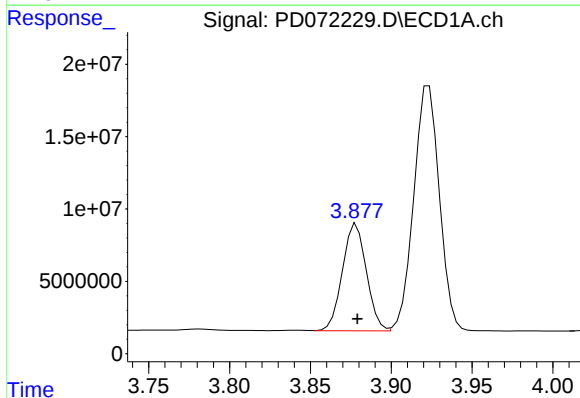
Reviewed By :Abdul Mirza 10/06/2022

Supervised By :Ankita Jodhani 10/06/2022



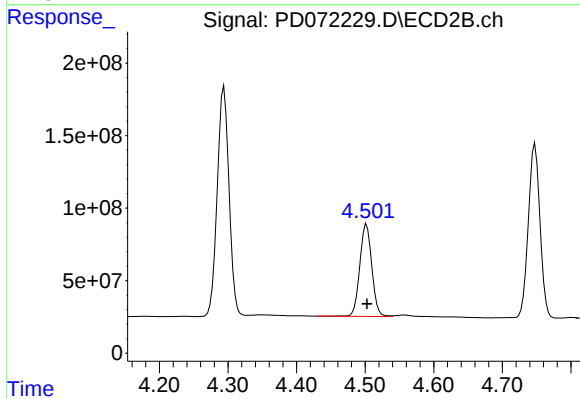
#5 Aldrin

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 1132987267
Conc: 46.95 ng/ml



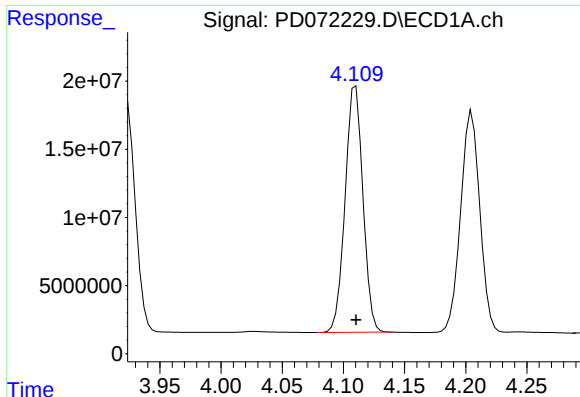
#6 beta-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 76247102
Conc: 49.31 ng/ml



#6 beta-BHC

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 775697582
Conc: 46.55 ng/ml



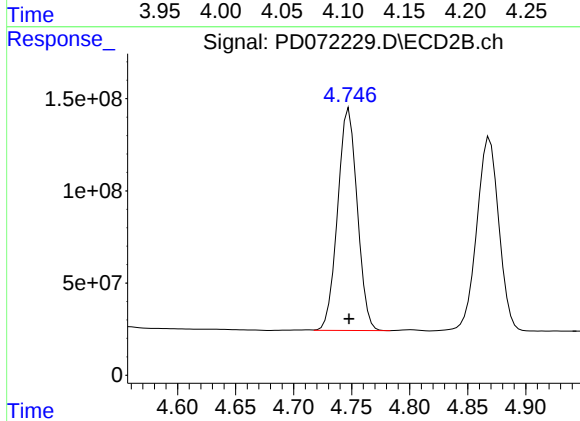
#7 delta-BHC

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 182937992
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

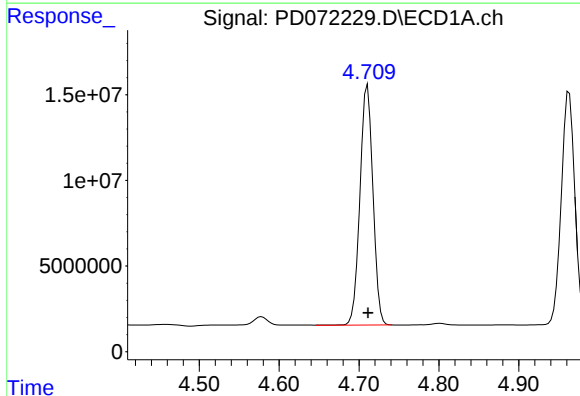
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



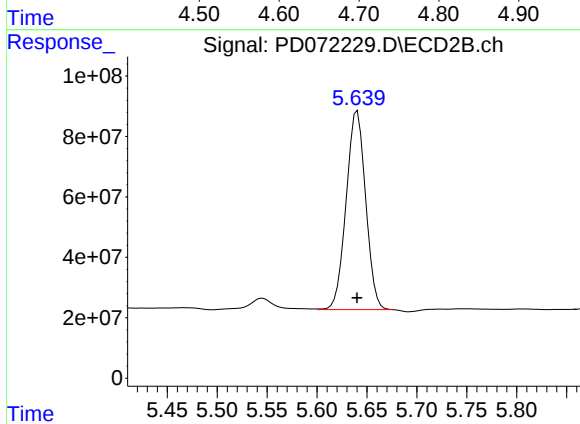
#7 delta-BHC

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 1418390917
Conc: 47.90 ng/ml



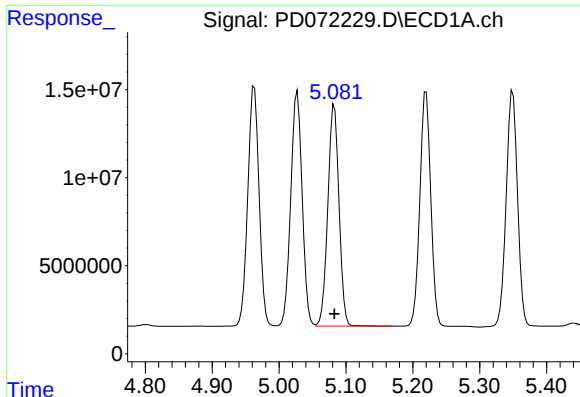
#8 Heptachlor epoxide

R.T.: 4.711 min
Delta R.T.: 0.000 min
Response: 158223645
Conc: 49.64 ng/ml



#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 893634405
Conc: 47.06 ng/ml



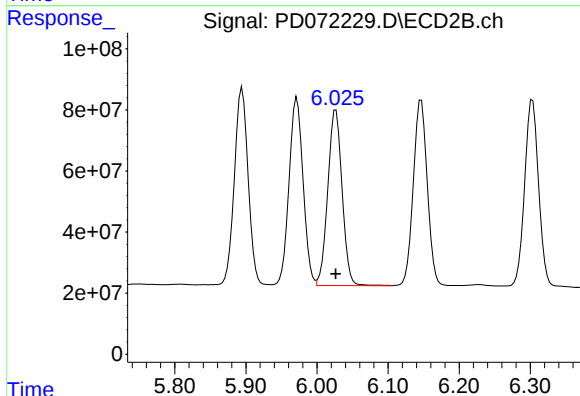
#9 Endosulfan I

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 145697382
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

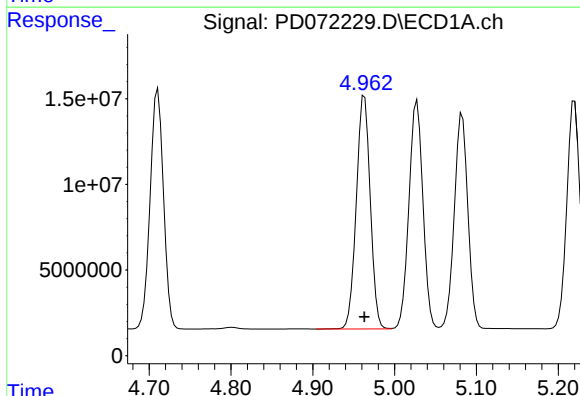
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



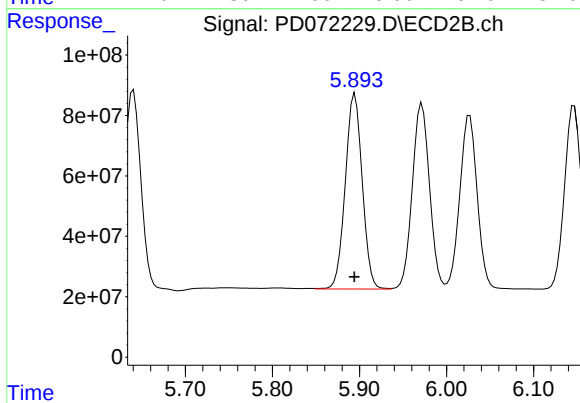
#9 Endosulfan I

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 806884285
Conc: 47.54 ng/ml



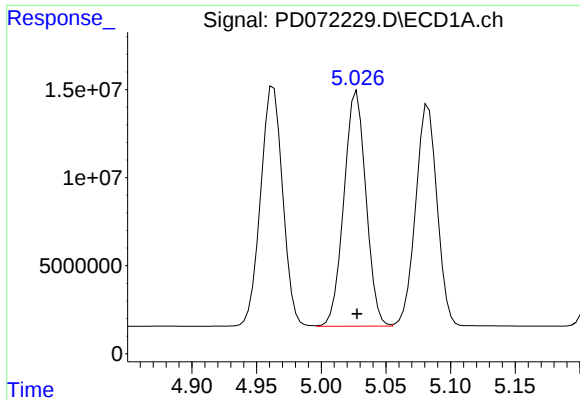
#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 161339943
Conc: 49.20 ng/ml



#10 gamma-Chlordane

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 875580059
Conc: 47.24 ng/ml



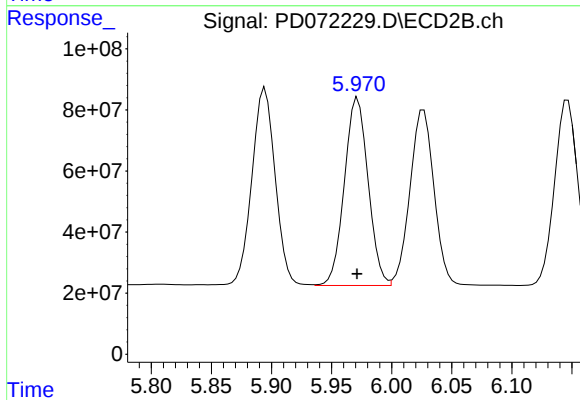
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: 0.000 min
Response: 157768472
Conc: 49.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

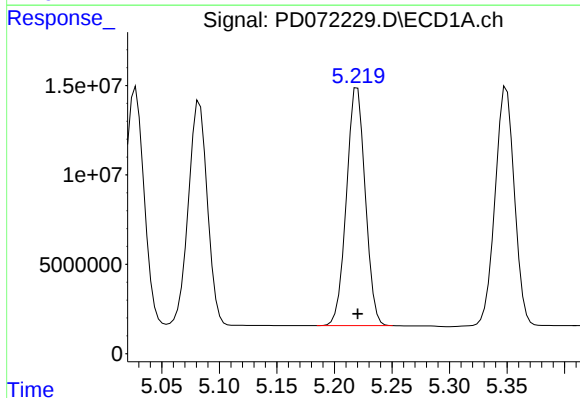
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



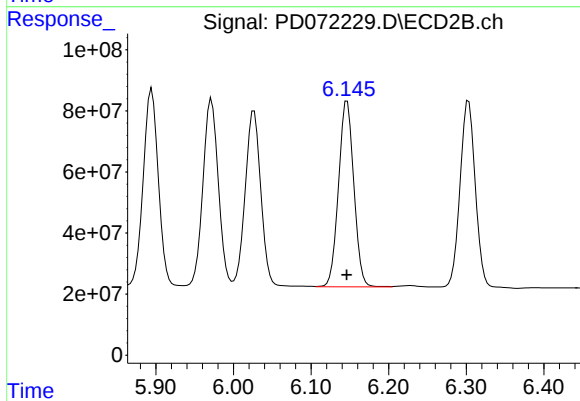
#11 alpha-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 846882450
Conc: 47.18 ng/ml



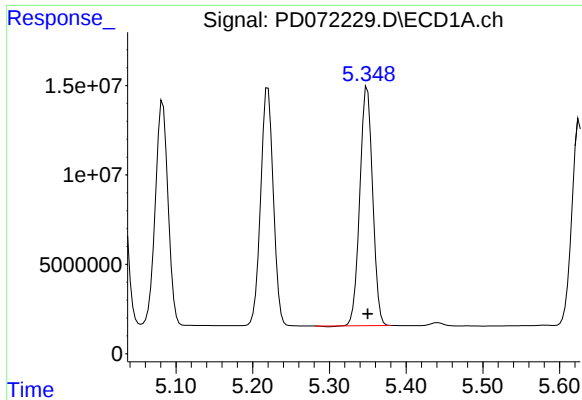
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 152101019
Conc: 49.98 ng/ml



#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 834279220
Conc: 46.90 ng/ml



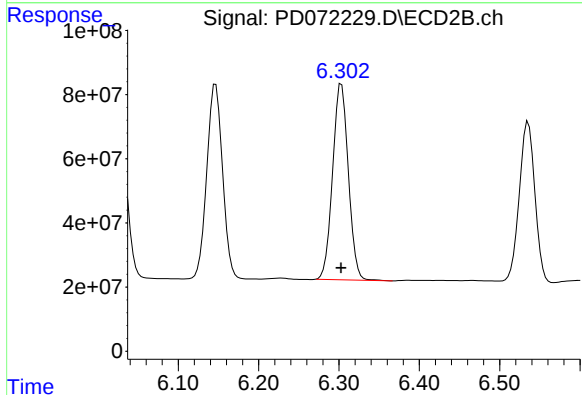
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 155736422
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

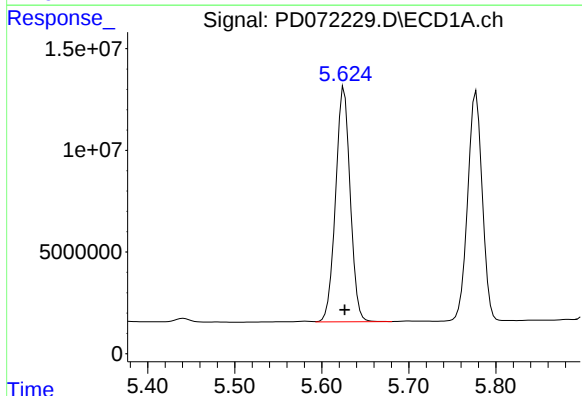
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



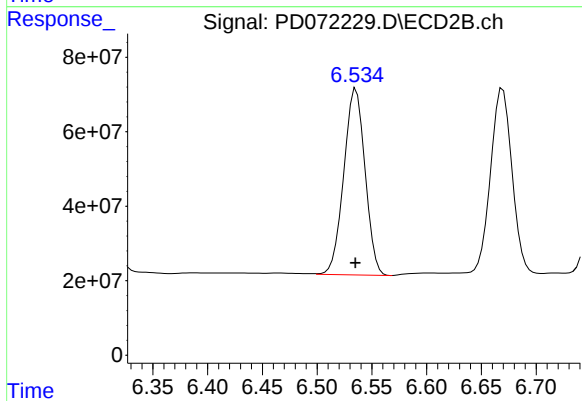
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 832944384
Conc: 47.81 ng/ml



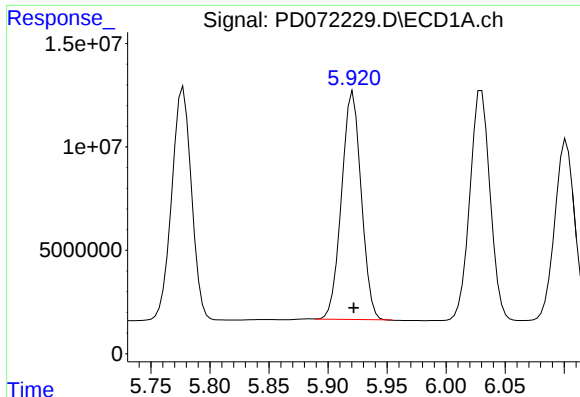
#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 134653169
Conc: 49.62 ng/ml



#14 Endrin

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 675227085
Conc: 47.80 ng/ml



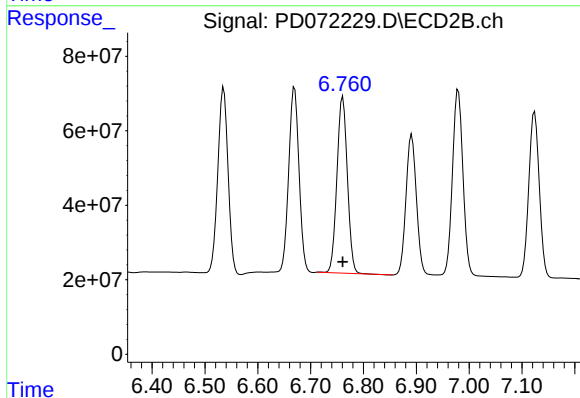
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 127738656
Conc: 50.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

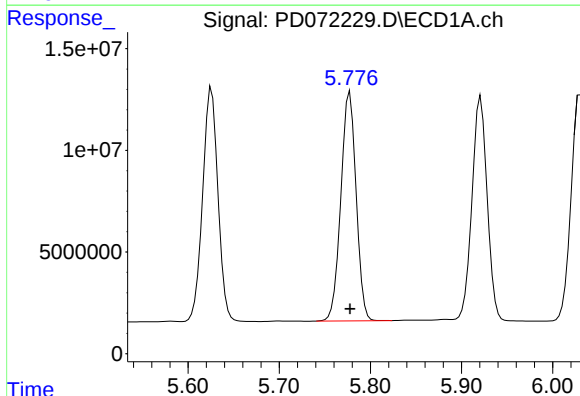
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



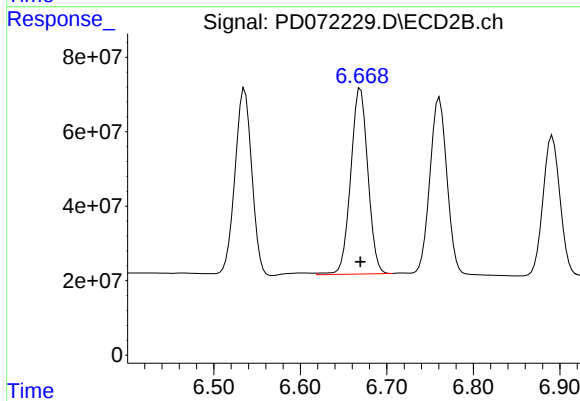
#15 Endosulfan II

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 648752227
Conc: 48.05 ng/ml



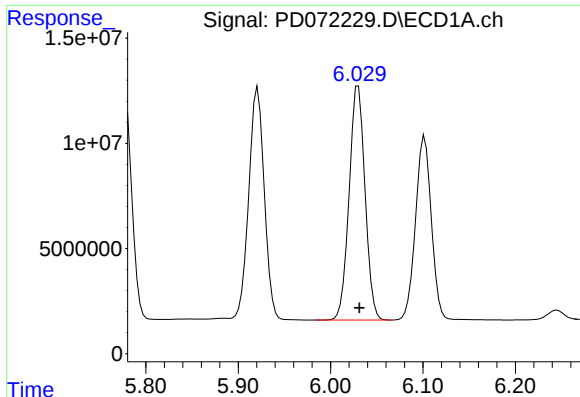
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 131064144
Conc: 50.21 ng/ml



#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 685619391
Conc: 49.33 ng/ml



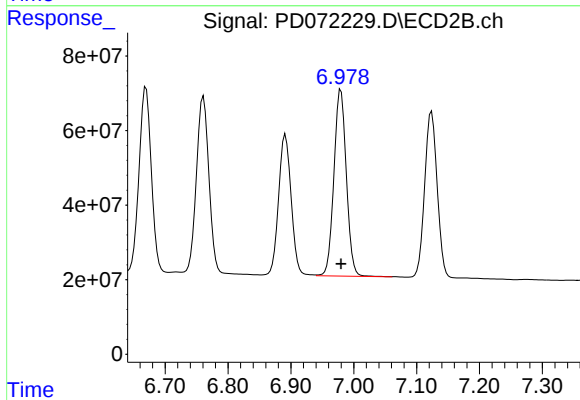
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 133084888
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

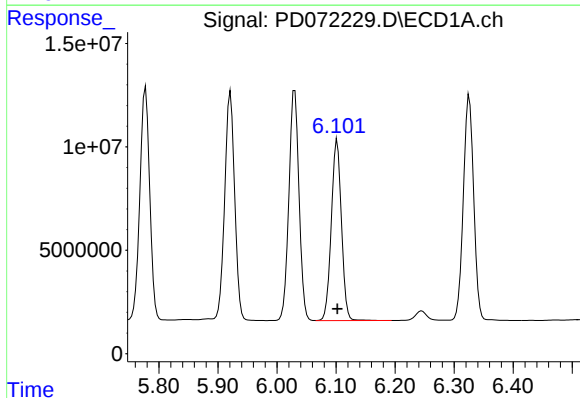
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



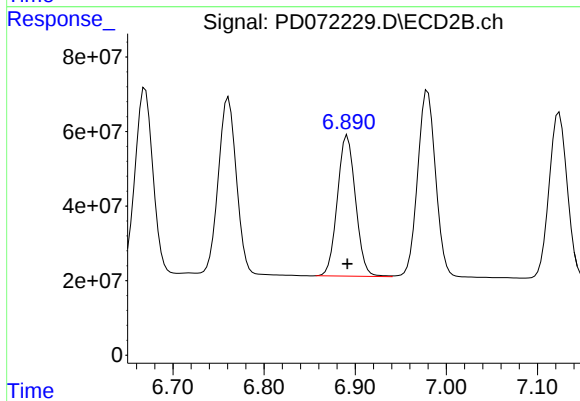
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 689278150
Conc: 48.86 ng/ml



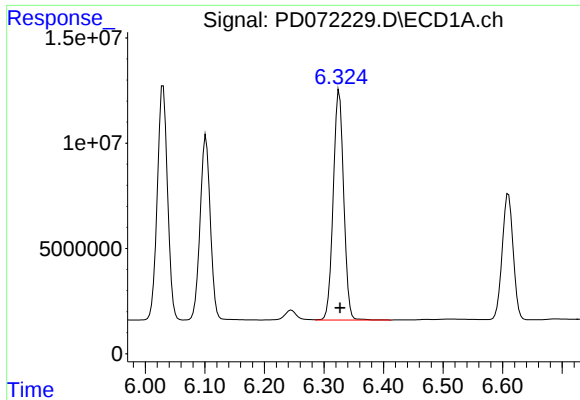
#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 104474534
Conc: 49.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 521668080
Conc: 48.10 ng/ml



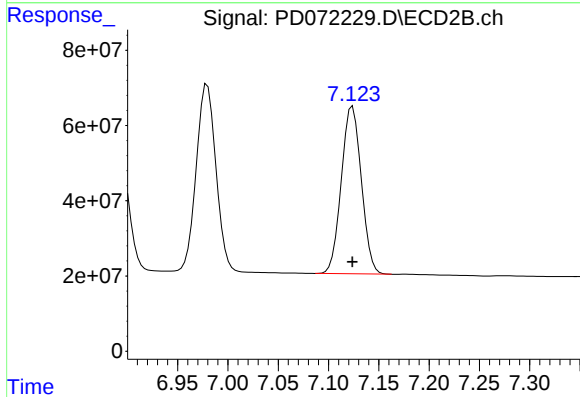
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 133037150
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

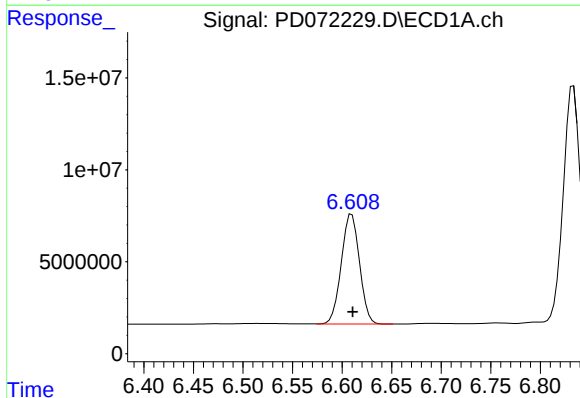
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



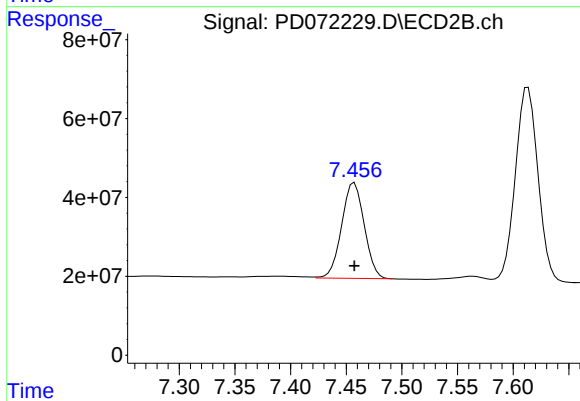
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 615185683
Conc: 48.58 ng/ml



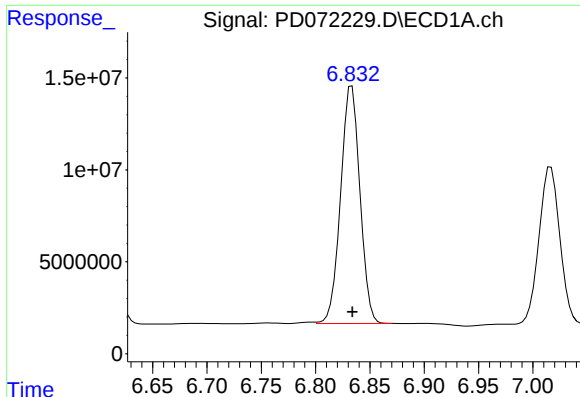
#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: -0.001 min
Response: 76450904
Conc: 49.54 ng/ml



#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 342563406
Conc: 49.36 ng/ml



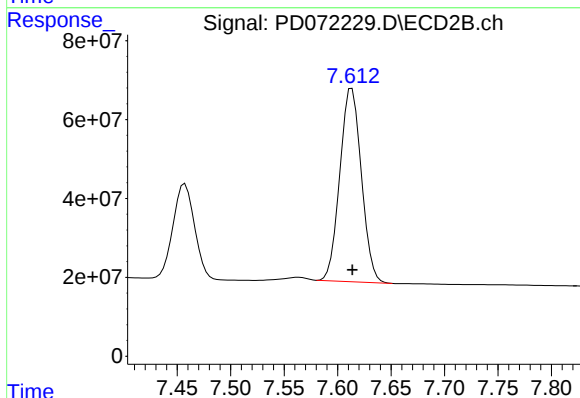
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 160110578
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

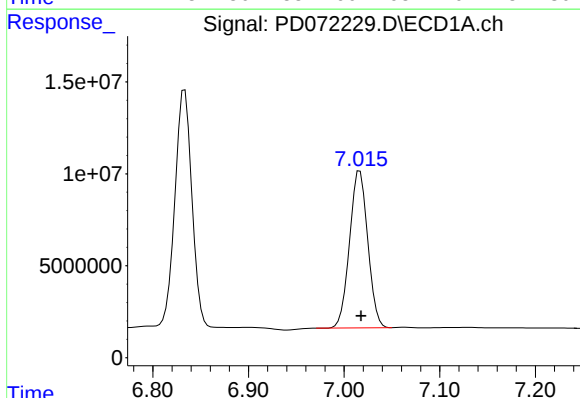
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



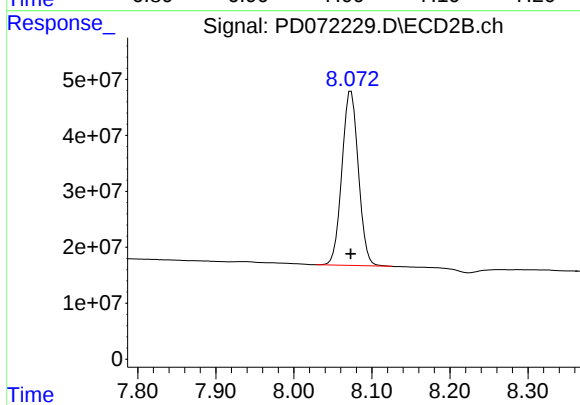
#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 686456833
Conc: 48.97 ng/ml



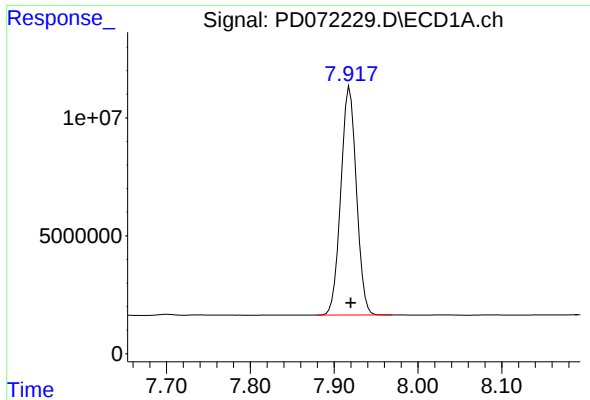
#22 Mirex

R.T.: 7.017 min
Delta R.T.: -0.001 min
Response: 113433145
Conc: 48.74 ng/ml



#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 455546009
Conc: 49.08 ng/ml



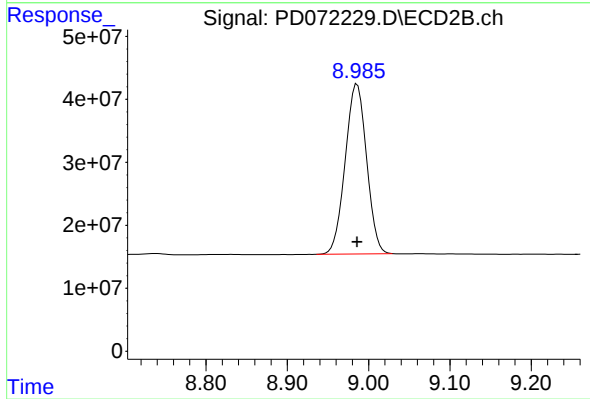
#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.001 min
Response: 125238939
Conc: 49.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/06/2022
Supervised By :Ankita Jodhani 10/06/2022



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 491957462
Conc: 48.97 ng/ml