

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 12:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:51:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.562	2.771	47204526	284.0E6	46.166	49.400
28)	SA Decachlor...	9.114	7.895	96323336	301.1E6	42.194	46.884
Target Compounds							
2)	A alpha-BHC	4.019	3.270	89985666	440.6E6	45.810	49.699
3)	MA gamma-BHC...	4.353	3.598	89403648	414.2E6	46.262	51.798
4)	MA Heptachlor	4.945	3.936	92778639	400.3E6	46.641	49.278
5)	MB Aldrin	5.289	4.215	96046712	402.0E6	47.196	50.069
6)	B beta-BHC	4.551	3.895	37449682	179.5E6	47.213	51.008
7)	B delta-BHC	4.800	4.124	92467784	428.4E6	50.859	51.492
8)	B Heptachlo...	5.715	4.715	91197984	365.2E6	51.157m	50.811
9)	A Endosulfan I	6.104	5.085	90395180	348.9E6	46.751	50.600
10)	B gamma-Chl...	5.973	4.965	94710323	382.6E6	47.367	50.471
11)	B alpha-Chl...	6.052	5.029	93639396	374.9E6	46.959	50.199
12)	B 4,4'-DDE	6.225	5.217	91840766	360.8E6	46.070	50.647
13)	MA Dieldrin	6.380	5.349	95669310	377.1E6	46.379	50.222
14)	MA Endrin	6.609	5.623	78042787	304.4E6	43.724m	46.037m
15)	B Endosulfa...	6.830	5.918	86598776	319.0E6	45.351	49.932
16)	A 4,4'-DDD	6.744	5.771	71540206	294.4E6	47.224	53.156
17)	MA 4,4'-DDT	7.059	6.021	71772159	268.3E6	41.789	46.777
18)	B Endrin al...	6.960	6.097	66826923	247.0E6	45.494	49.217
19)	B Endosulfa...	7.196	6.320	81828984	303.2E6	45.047	49.535
20)	A Methoxychlor	7.534	6.596	40134834	135.6E6	40.733	45.981
21)	B Endrin ke...	7.683	6.825	95756806	348.0E6	46.366	51.405
22)	Mirex	8.158	7.005	70766445	259.0E6	43.451	47.787

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 12:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

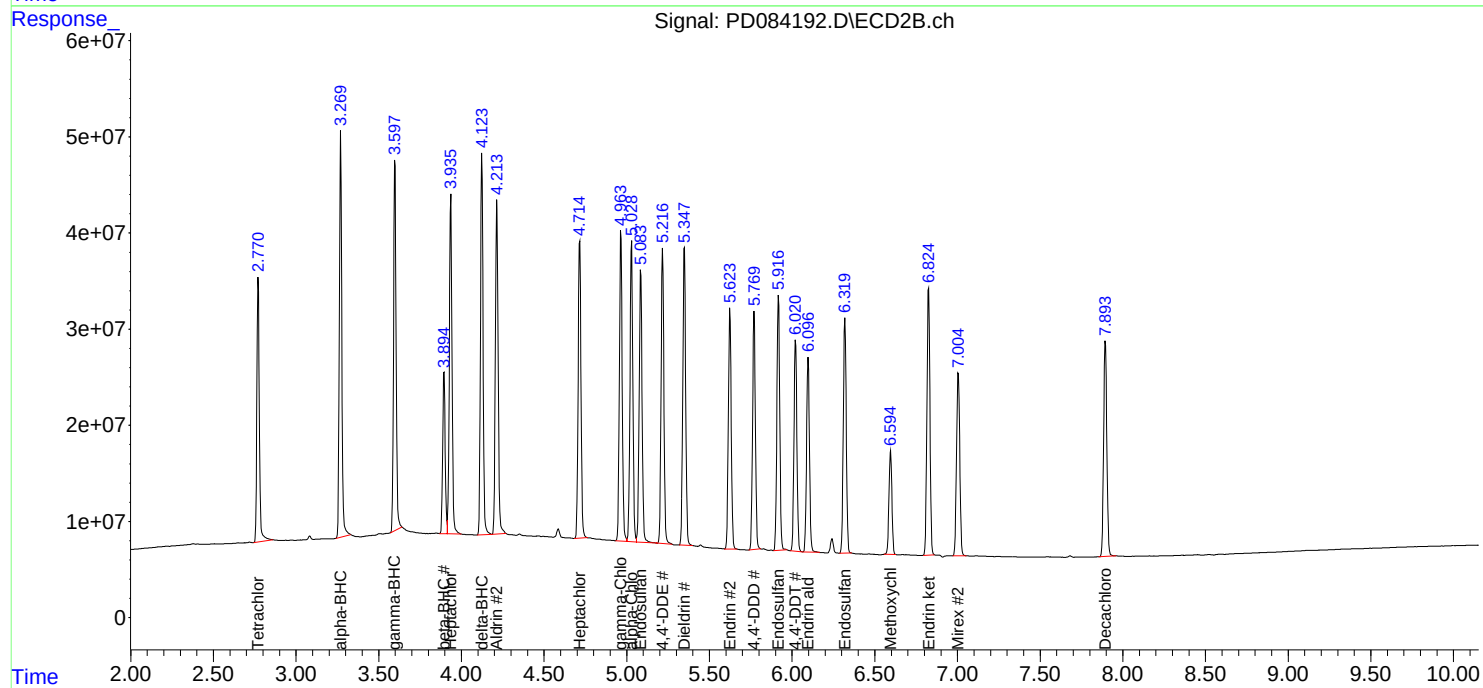
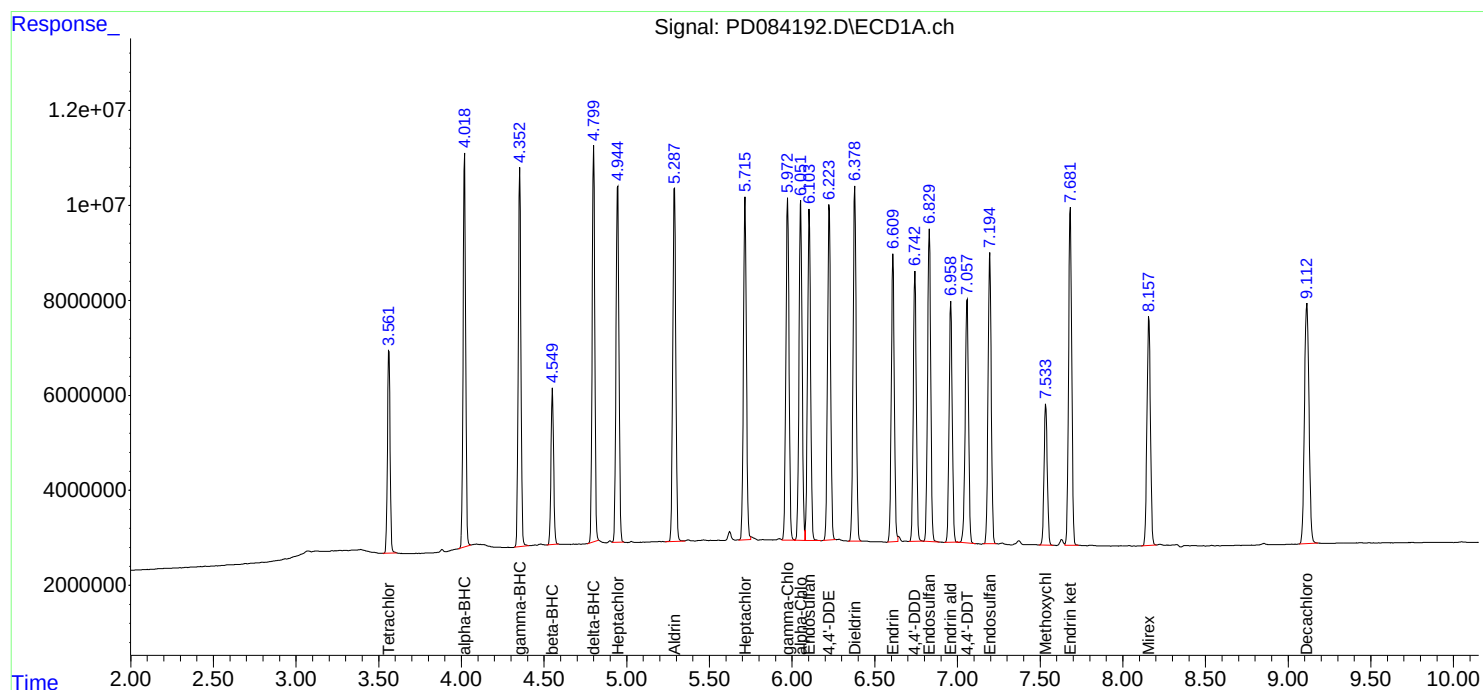
APPROVED

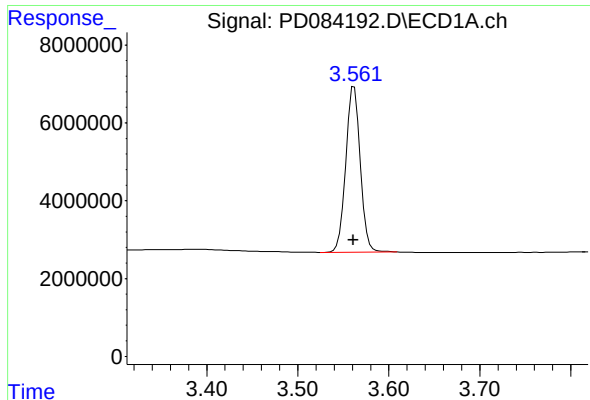
Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:51:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 47204526
Conc: 46.17 ng/ml

Instrument :

ECD_D

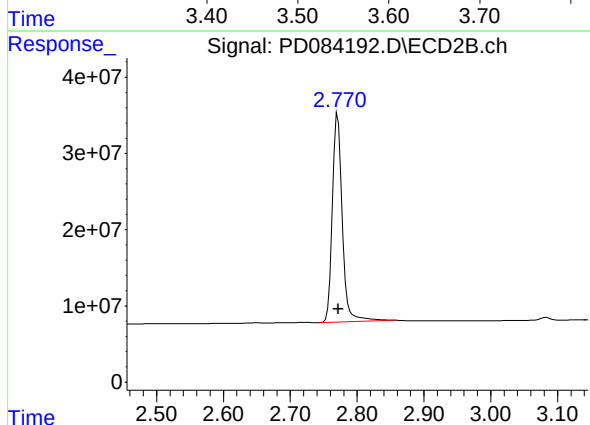
ClientSampleId :

PSTDCCC050

Manual Integrations

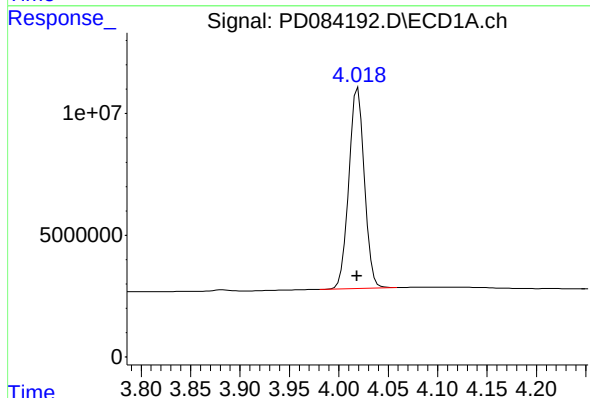
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



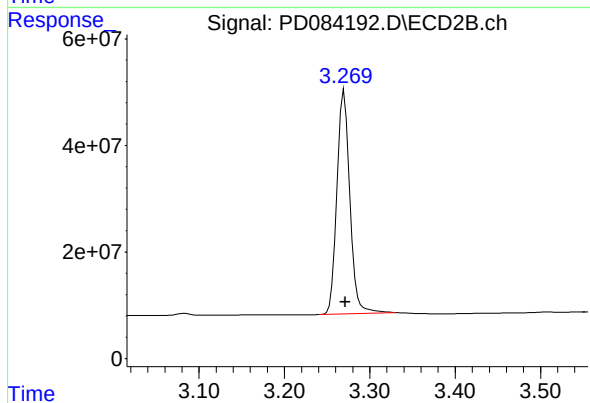
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 284032333
Conc: 49.40 ng/ml



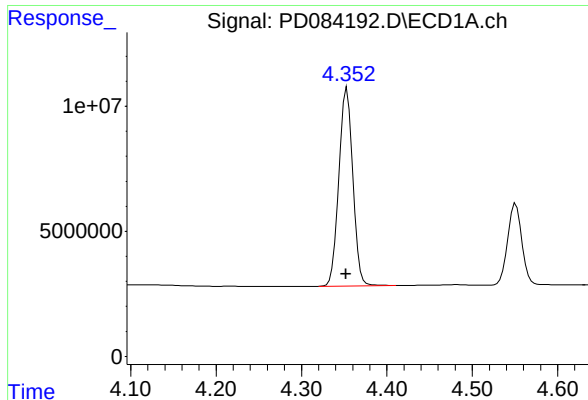
#2 alpha-BHC

R.T.: 4.019 min
Delta R.T.: 0.001 min
Response: 89985666
Conc: 45.81 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 440618968
Conc: 49.70 ng/ml



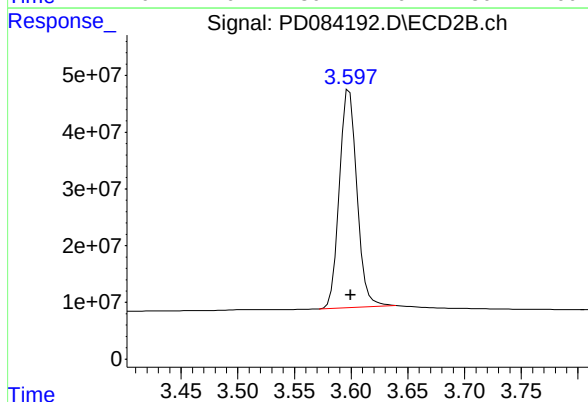
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.001 min
Response: 89403648
Conc: 46.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

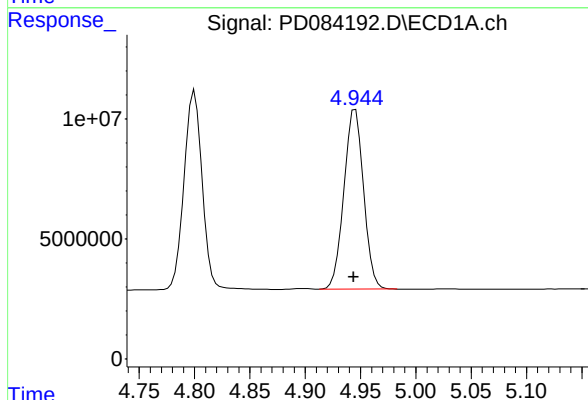
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



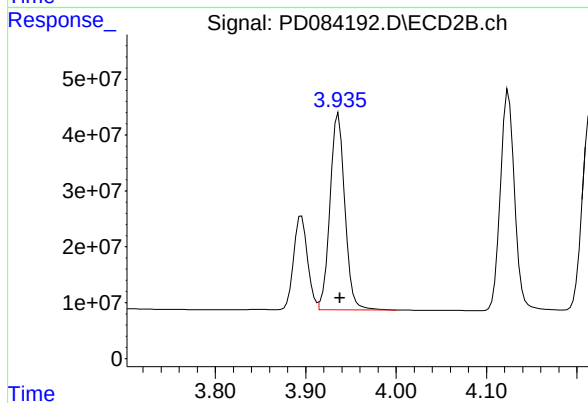
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 414162960
Conc: 51.80 ng/ml



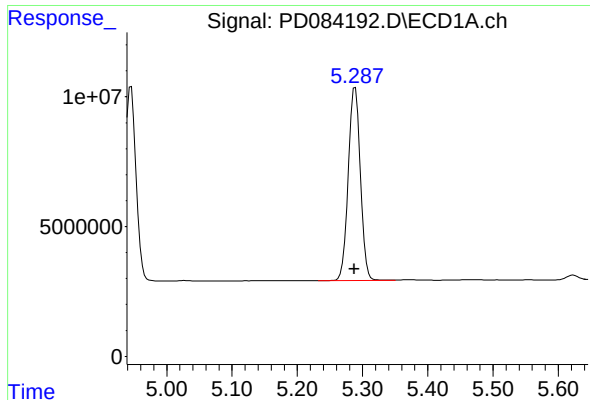
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 92778639
Conc: 46.64 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.001 min
Response: 400302336
Conc: 49.28 ng/ml



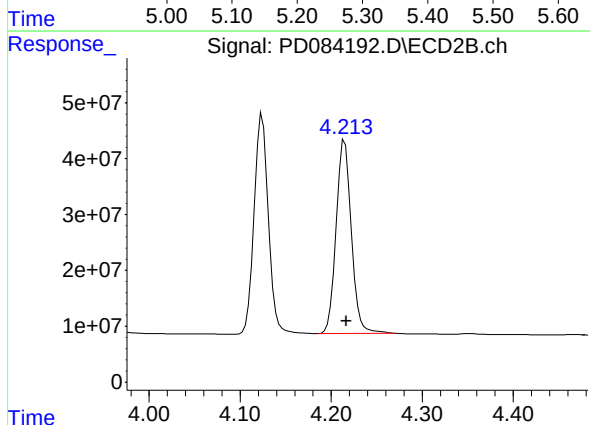
#5 Aldrin

R.T.: 5.289 min
Delta R.T.: 0.001 min
Response: 96046712
Conc: 47.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

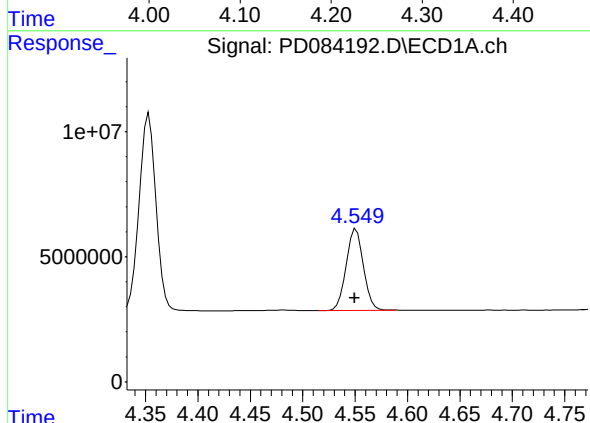
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



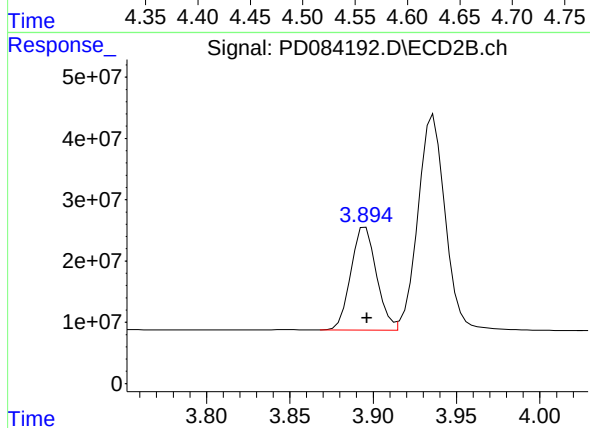
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 402005932
Conc: 50.07 ng/ml



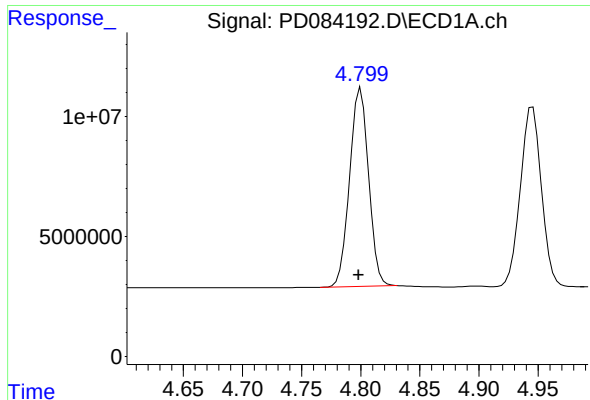
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 37449682
Conc: 47.21 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 179473035
Conc: 51.01 ng/ml



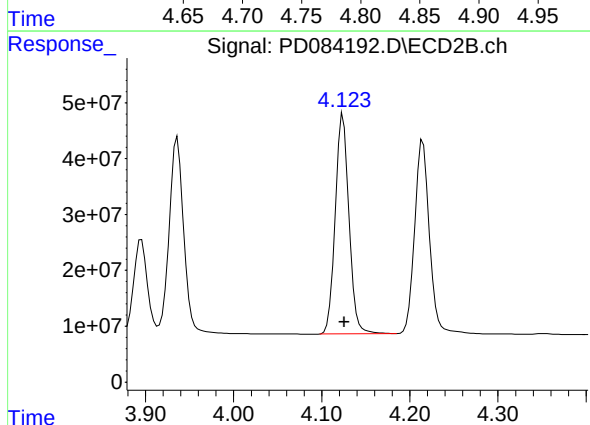
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 92467784
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

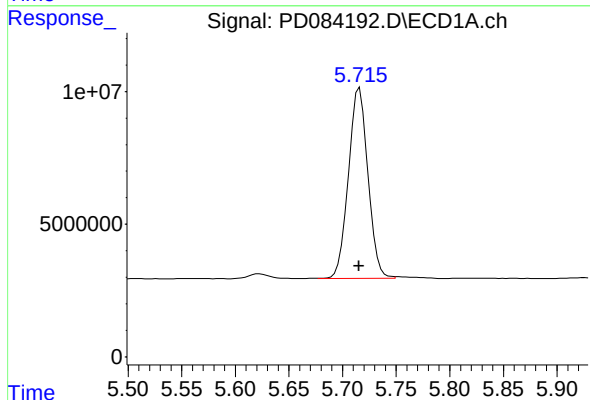
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



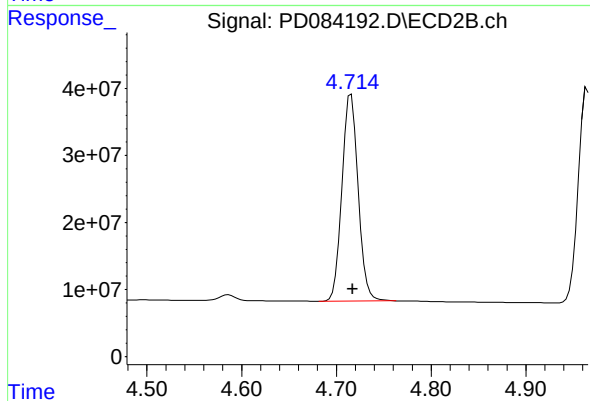
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.001 min
Response: 428425594
Conc: 51.49 ng/ml



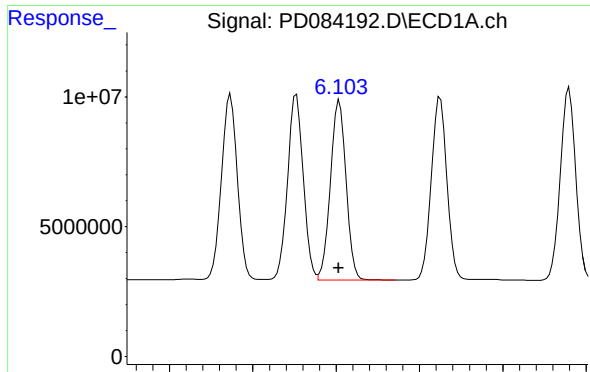
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 91197984
Conc: 51.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 365164206
Conc: 50.81 ng/ml



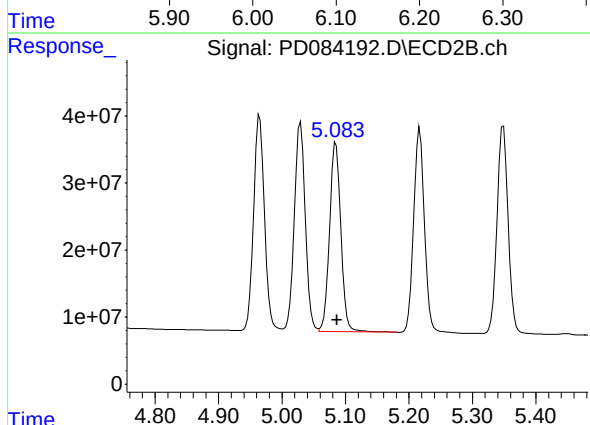
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.001 min
Response: 90395180
Conc: 46.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

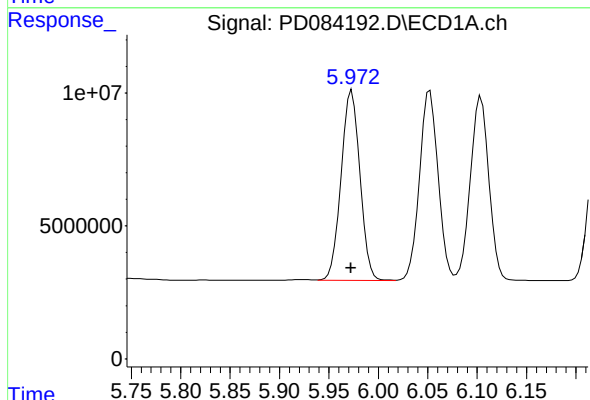
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



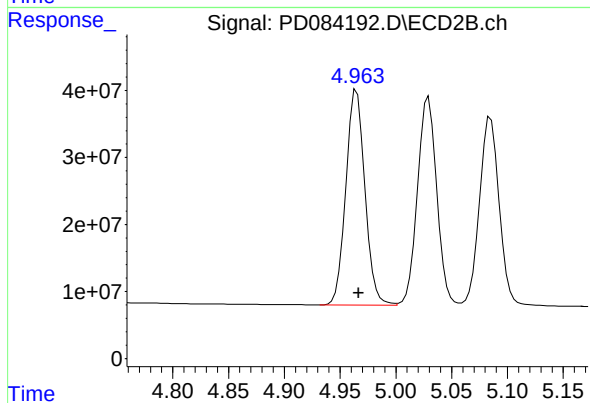
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.002 min
Response: 348944547
Conc: 50.60 ng/ml



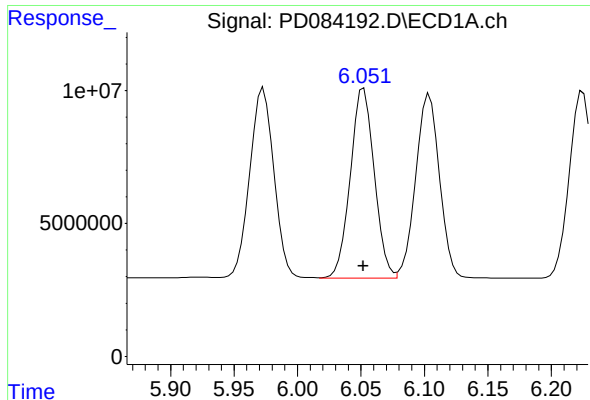
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 94710323
Conc: 47.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 382605142
Conc: 50.47 ng/ml



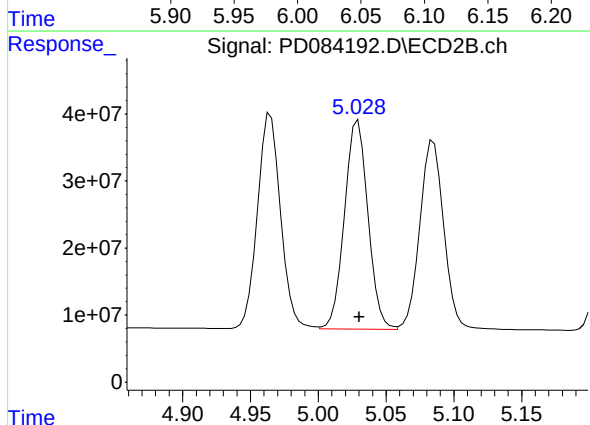
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 93639396
Conc: 46.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

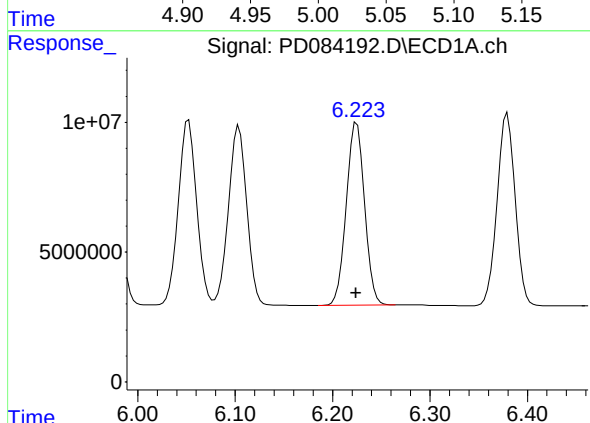
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



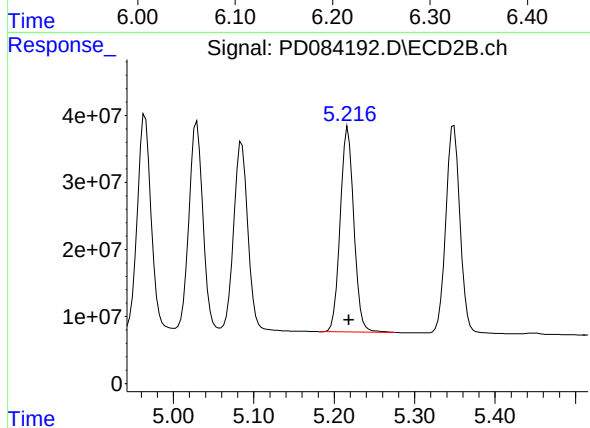
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: -0.001 min
Response: 374871616
Conc: 50.20 ng/ml



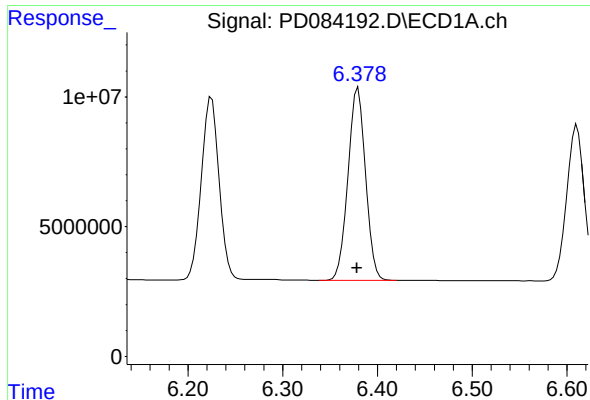
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 91840766
Conc: 46.07 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 360845763
Conc: 50.65 ng/ml



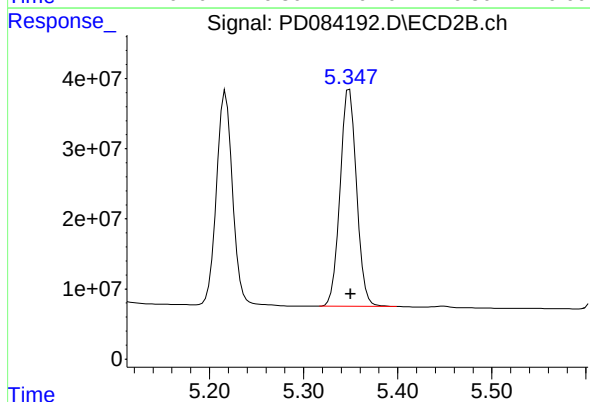
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.001 min
Response: 95669310
Conc: 46.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

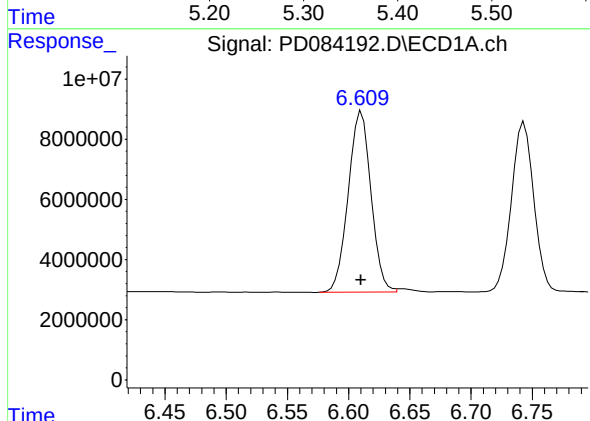
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



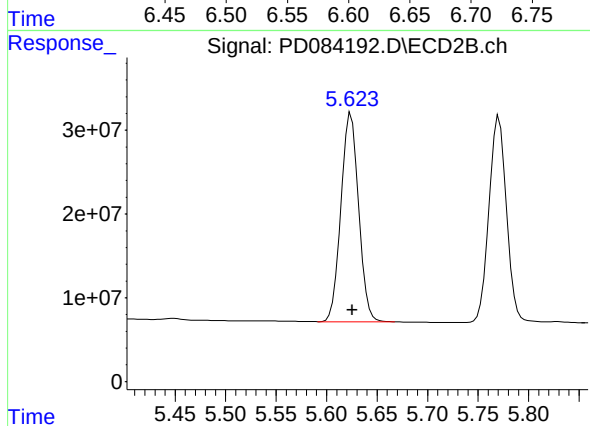
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.001 min
Response: 377076111
Conc: 50.22 ng/ml



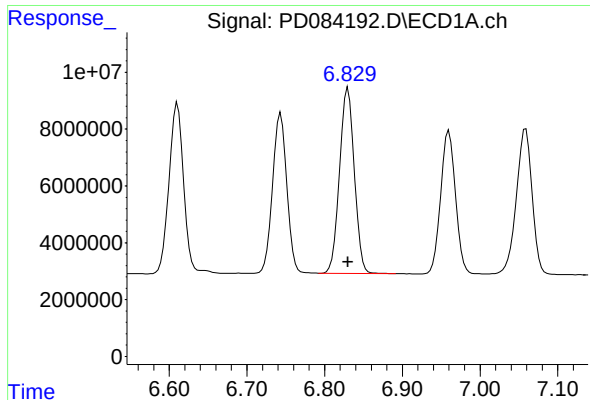
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 78042787
Conc: 43.72 ng/ml m



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 304445628
Conc: 46.04 ng/ml m



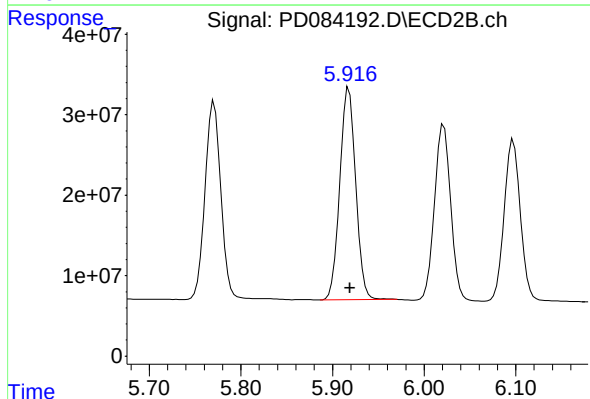
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 86598776
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

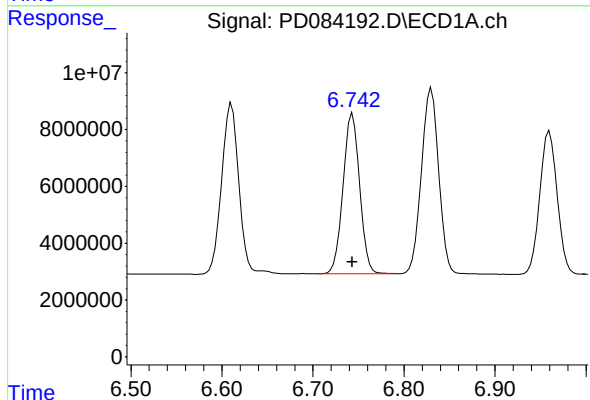
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



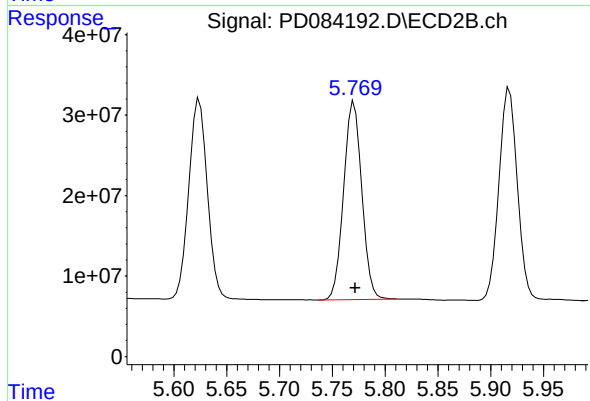
#15 Endosulfan II

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 319021397
Conc: 49.93 ng/ml



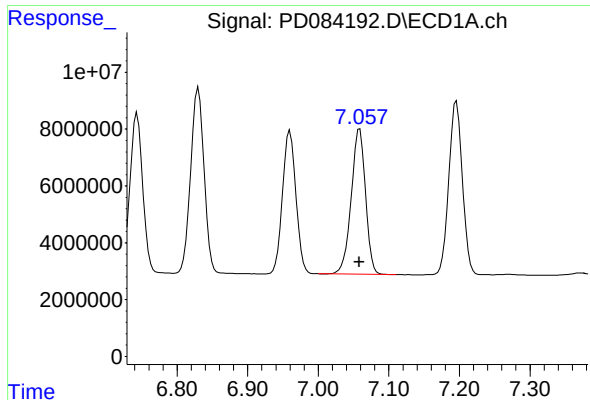
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 71540206
Conc: 47.22 ng/ml



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.001 min
Response: 294411696
Conc: 53.16 ng/ml



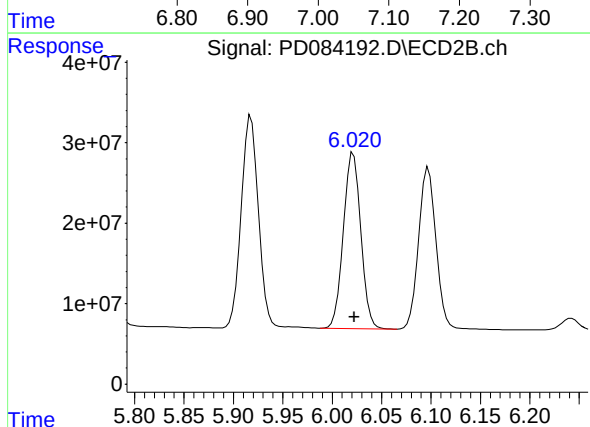
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 71772159
Conc: 41.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

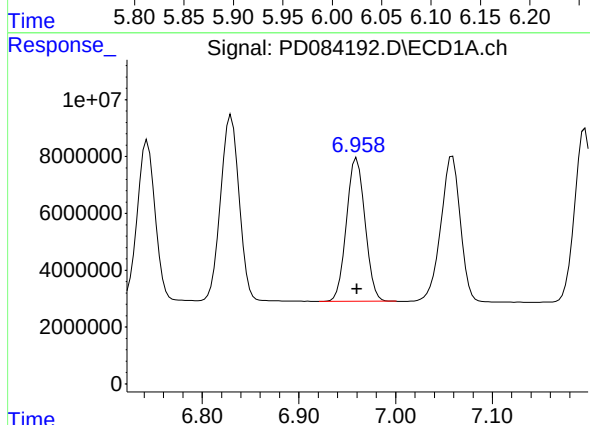
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



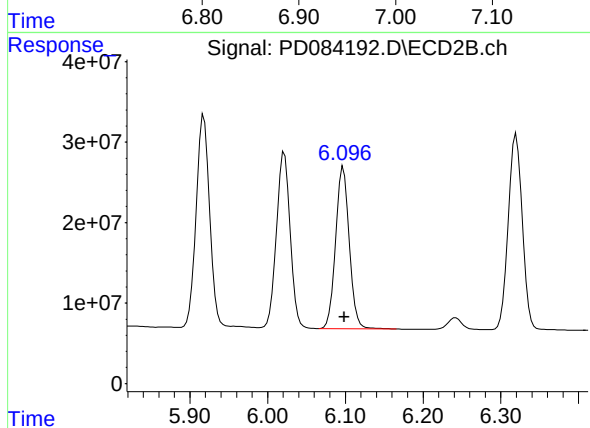
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.001 min
Response: 268308829
Conc: 46.78 ng/ml



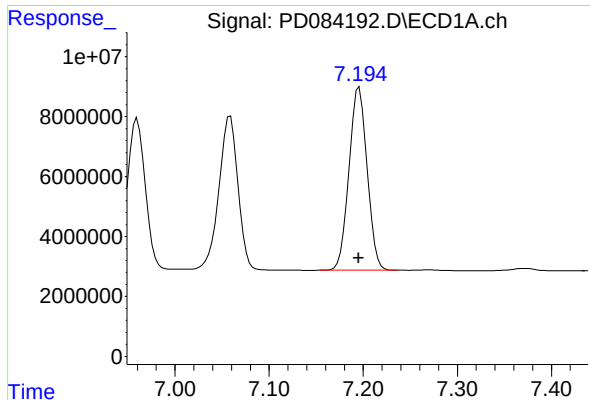
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 66826923
Conc: 45.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: -0.001 min
Response: 246985928
Conc: 49.22 ng/ml



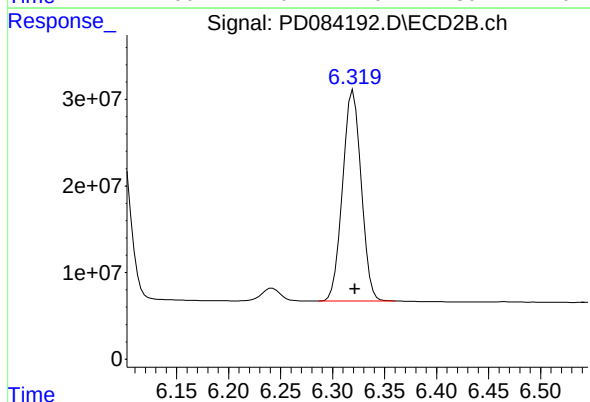
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 81828984
Conc: 45.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

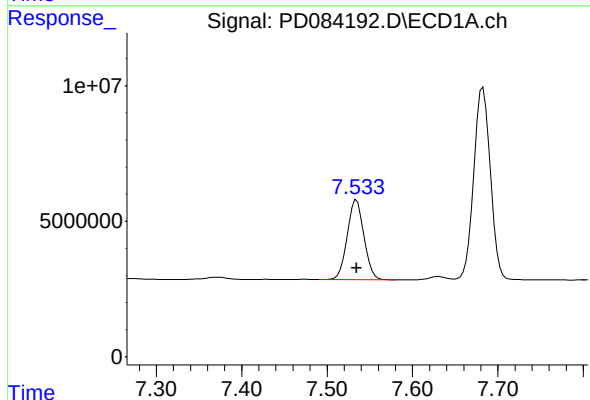
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



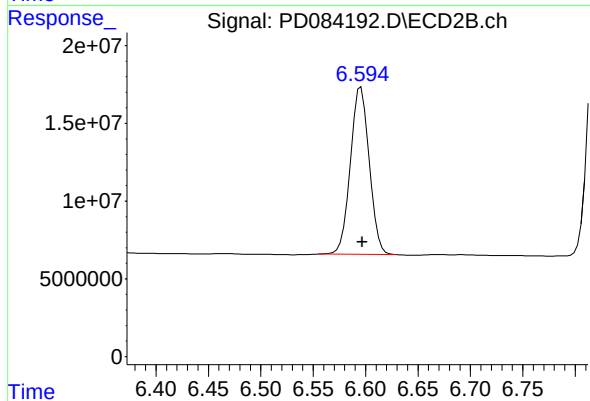
#19 Endosulfan Sulfate

R.T.: 6.320 min
Delta R.T.: -0.001 min
Response: 303154824
Conc: 49.53 ng/ml



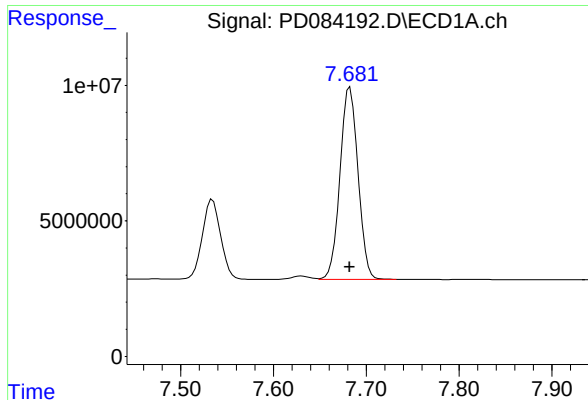
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 40134834
Conc: 40.73 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 135634824
Conc: 45.98 ng/ml



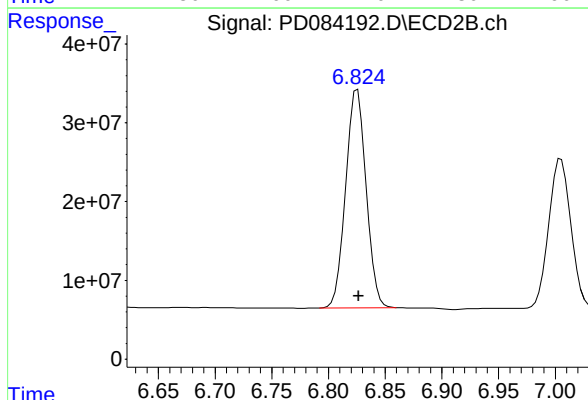
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 95756806
Conc: 46.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

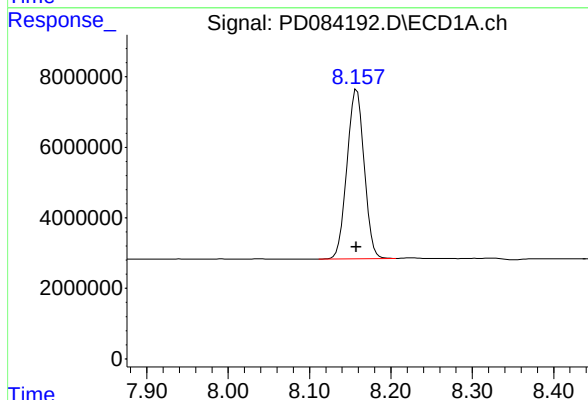
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



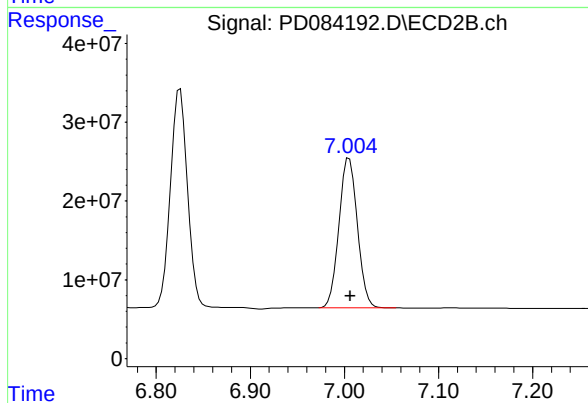
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.001 min
Response: 348023087
Conc: 51.40 ng/ml



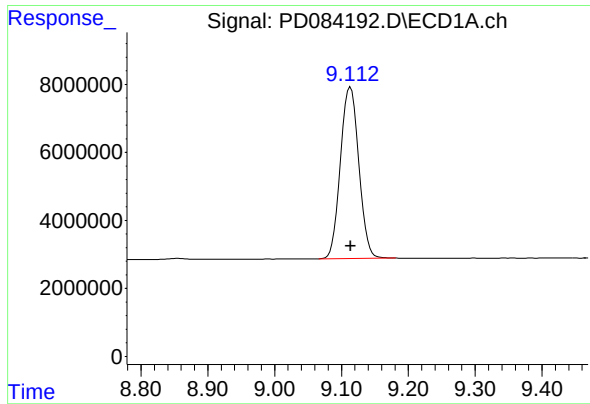
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 70766445
Conc: 43.45 ng/ml



#22 Mirex

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 258965481
Conc: 47.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 96323336
Conc: 42.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

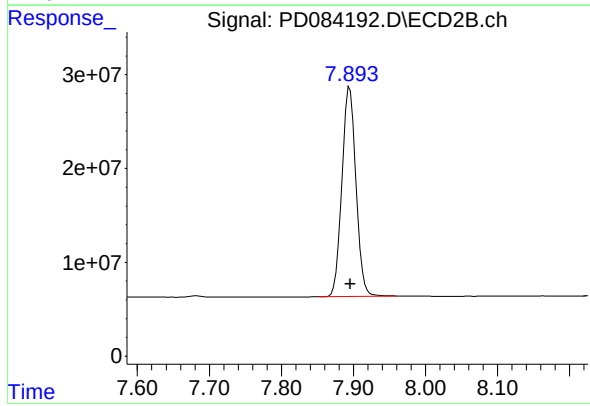
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.895 min
Delta R.T.: -0.001 min
Response: 301089995
Conc: 46.88 ng/ml