

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084204.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 18:55
 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 23:55:29 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...	3.561	2.771	48070044	292.2E6	47.012	50.824
28)	SA Decachlor...	9.113	7.893	98299660	309.0E6	43.059	48.108
Target Compounds							
2)	A alpha-BHC	4.018	3.270	92252994	452.6E6	46.964	51.053
3)	MA gamma-BHC...	4.352	3.598	90396631	424.4E6	46.776	53.080
4)	MA Heptachlor	4.944	3.936	93596012	411.7E6	47.052	50.676
5)	MB Aldrin	5.287	4.214	97085795	414.7E6	47.706	51.653
6)	B beta-BHC	4.550	3.895	37852973	183.8E6	47.721	52.248
7)	B delta-BHC	4.799	4.124	93294004	439.4E6	51.314	52.810
8)	B Heptachlo...	5.715	4.715	91382716	374.5E6	51.260	52.110
9)	A Endosulfan I	6.102	5.084	91542058	358.0E6	47.344	51.906
10)	B gamma-Chl...	5.971	4.963	96149108	391.1E6	48.087	51.588m
11)	B alpha-Chl...	6.051	5.028	95002950	384.5E6	47.643	51.491
12)	B 4,4'-DDE	6.223	5.216	93257113	369.6E6	46.780	51.869
13)	MA Dieldrin	6.378	5.348	97252313	386.5E6	47.146	51.477
14)	MA Endrin	6.608	5.623	78513472	309.9E6	43.988m	46.860
15)	B Endosulfa...	6.827	5.917	87769342	327.3E6	45.964m	51.232
16)	A 4,4'-DDD	6.742	5.770	72915027	303.7E6	48.131	54.835
17)	MA 4,4'-DDT	7.057	6.020	72280065	272.7E6	42.084	47.541
18)	B Endrin al...	6.959	6.096	68237771	253.2E6	46.455	50.453
19)	B Endosulfa...	7.195	6.318	83227321	308.3E6	45.816	50.382
20)	A Methoxychlor	7.534	6.594	40265694	138.2E6	40.866	46.843
21)	B Endrin ke...	7.681	6.824	97527538	356.8E6	47.223	52.702
22)	Mirex	8.156	7.003	71828409	265.8E6	44.103	49.054

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084204.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 18:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

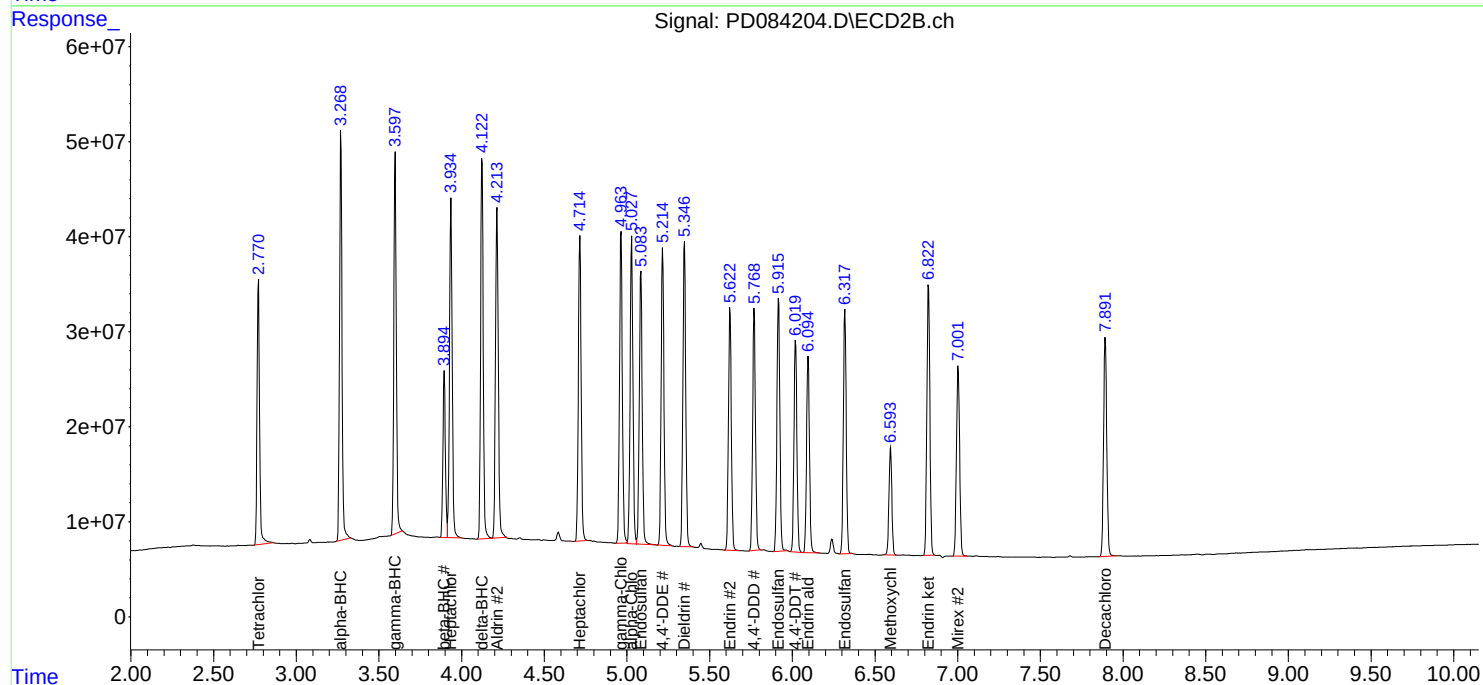
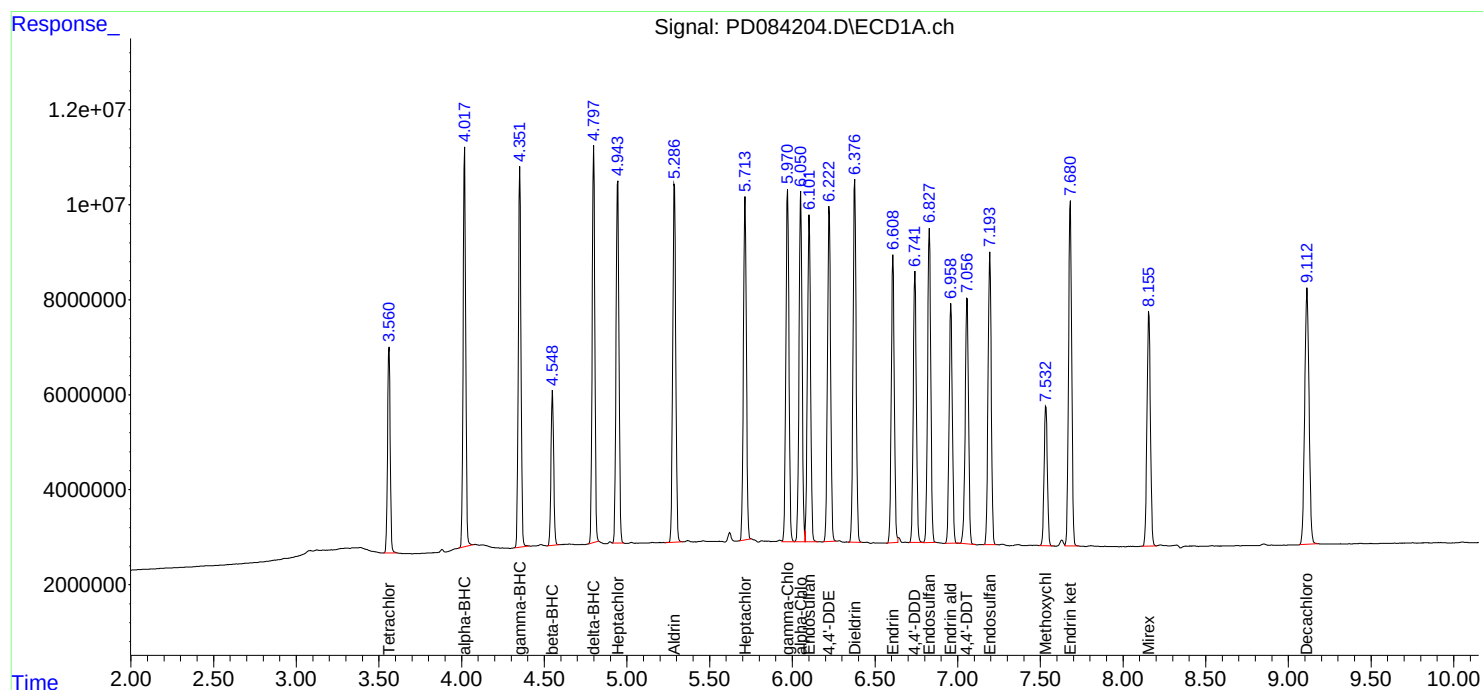
APPROVED

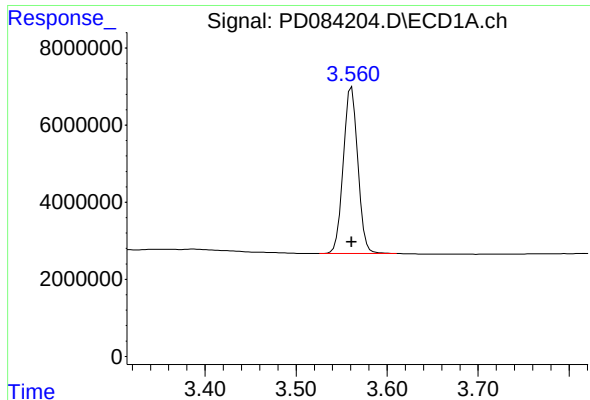
Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:55:29 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





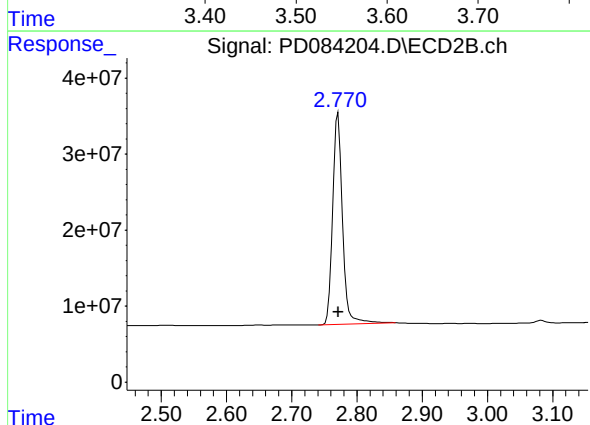
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 48070044
Conc: 47.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

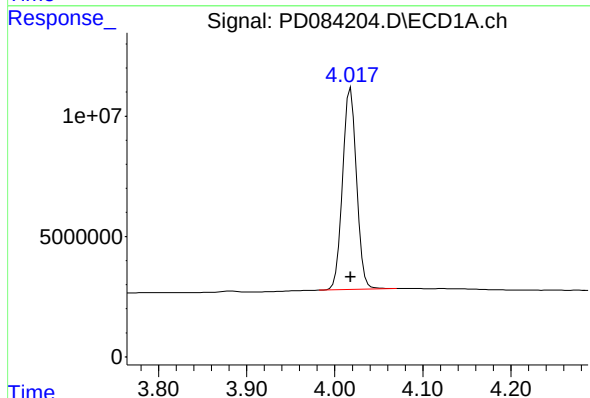
Manual Integrations
APPROVED

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



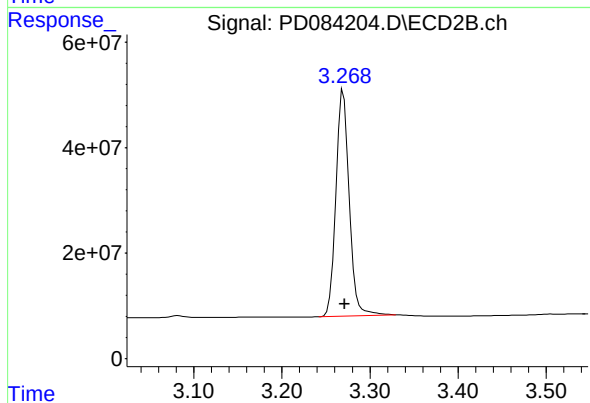
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 292219341
Conc: 50.82 ng/ml



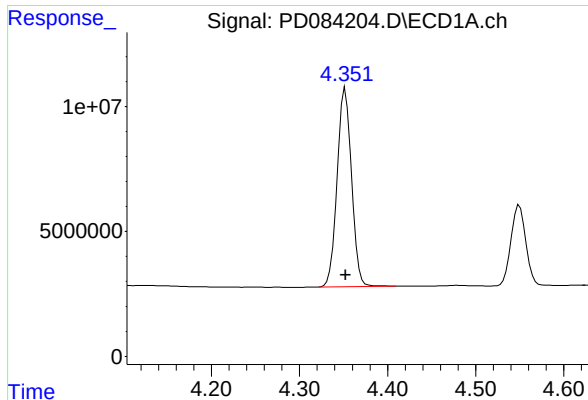
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 92252994
Conc: 46.96 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 452616520
Conc: 51.05 ng/ml



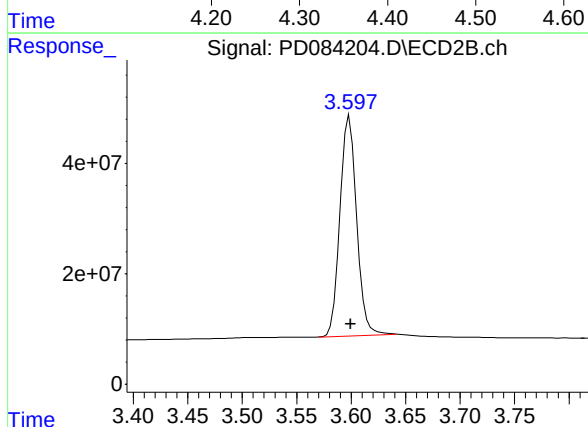
#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 90396631
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

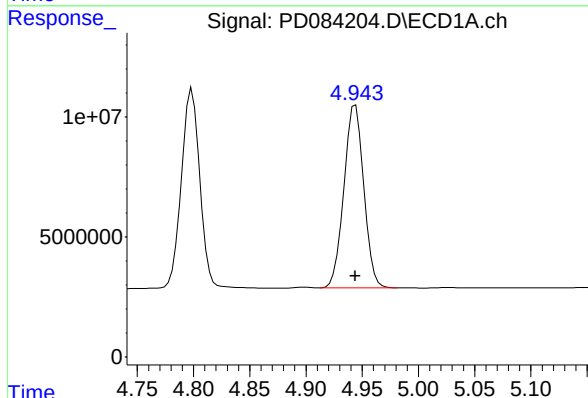
Manual Integrations
APPROVED

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



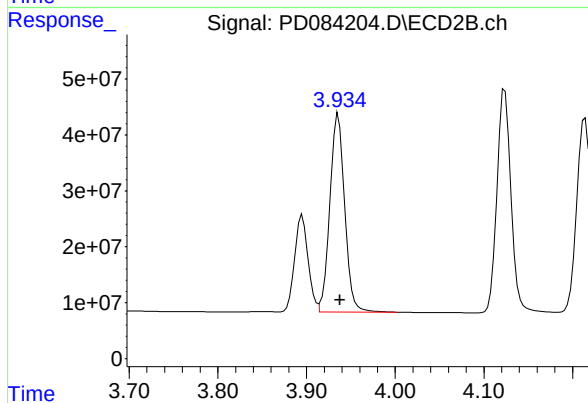
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 424411942
Conc: 53.08 ng/ml



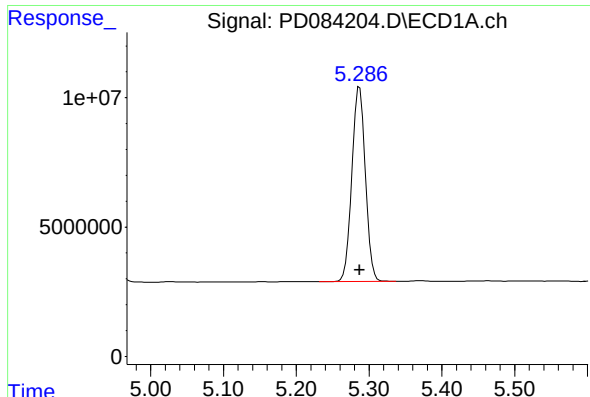
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 93596012
Conc: 47.05 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.002 min
Response: 411655475
Conc: 50.68 ng/ml



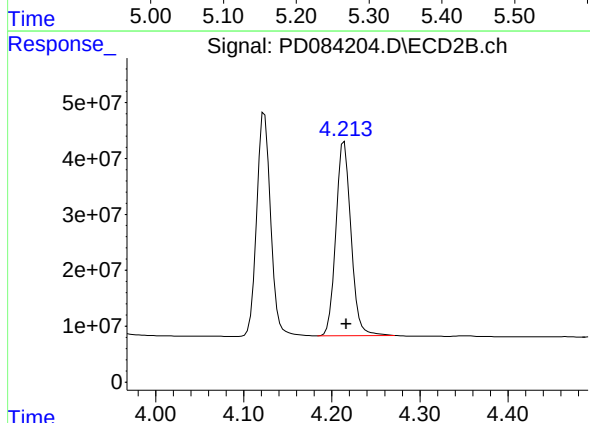
#5 Aldrin

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 97085795
Conc: 47.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

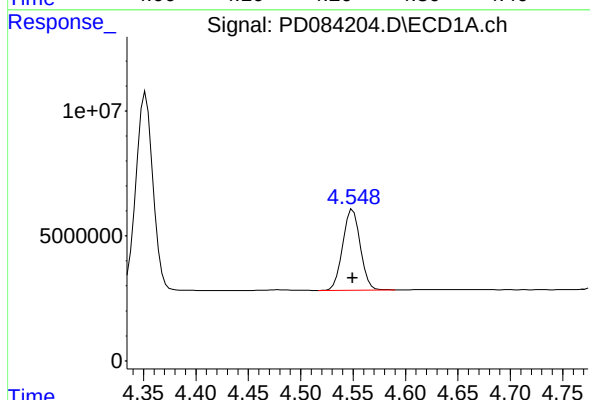
Manual Integrations
APPROVED

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



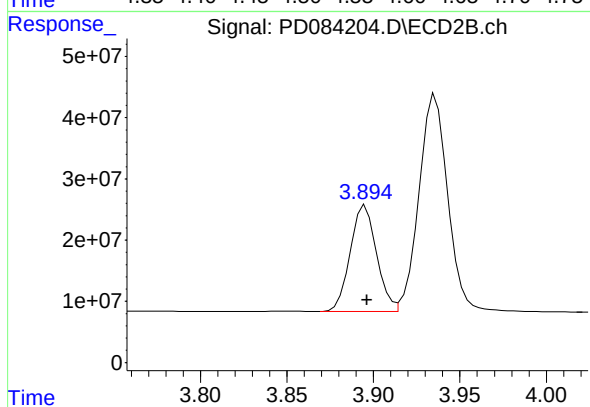
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 414722175
Conc: 51.65 ng/ml



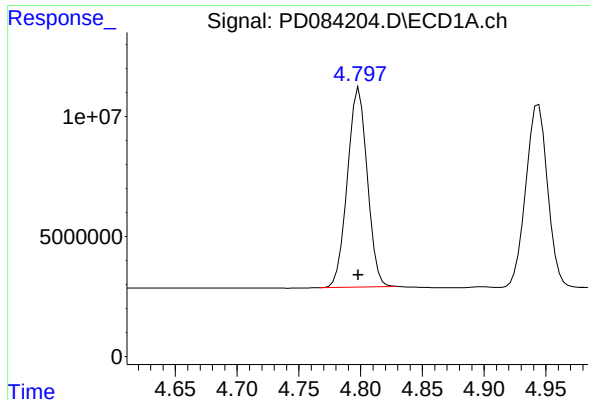
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 37852973
Conc: 47.72 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 183836695
Conc: 52.25 ng/ml



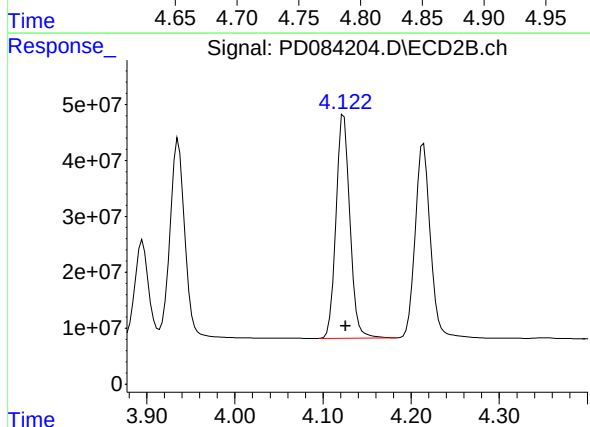
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 93294004
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

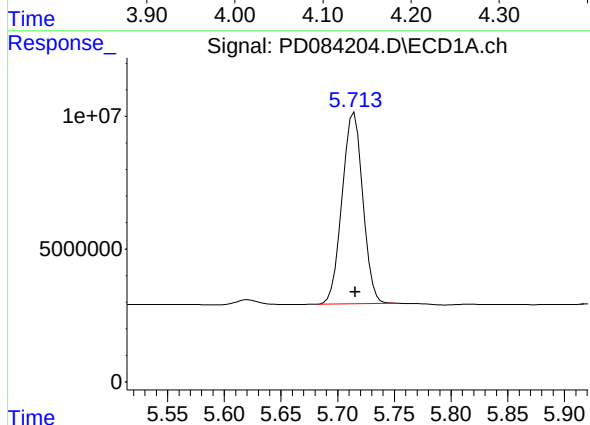
Manual Integrations
APPROVED

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



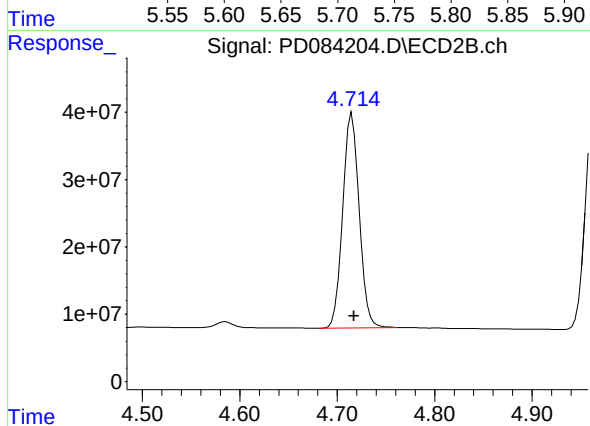
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 439390053
Conc: 52.81 ng/ml



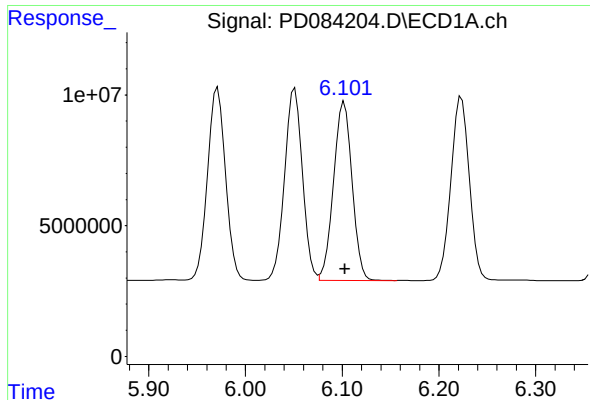
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 91382716
Conc: 51.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.002 min
Response: 374495538
Conc: 52.11 ng/ml



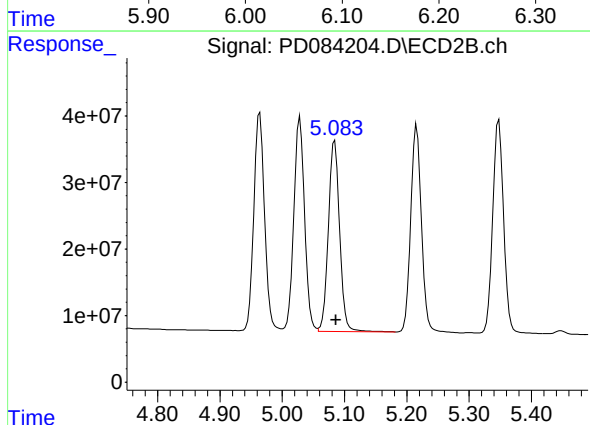
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 91542058
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

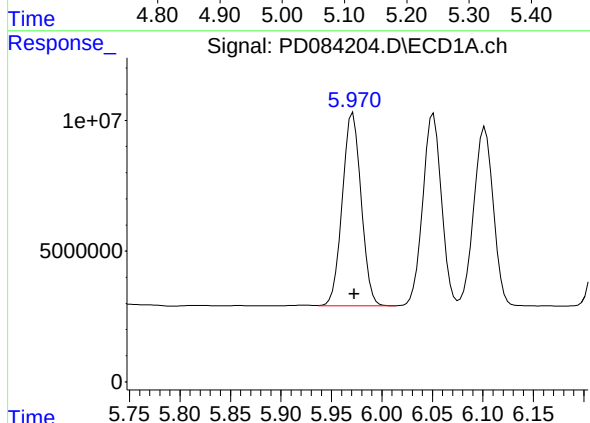
Manual Integrations
APPROVED

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



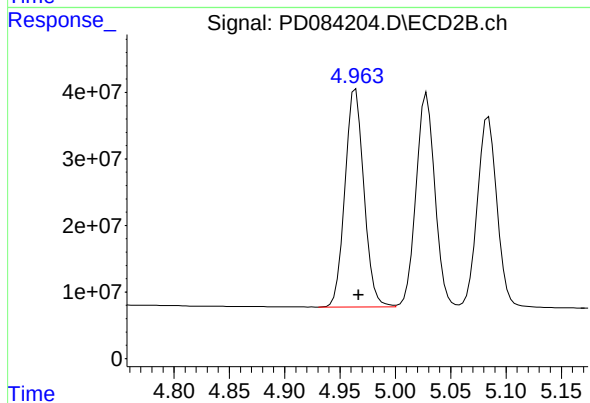
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 357951039
Conc: 51.91 ng/ml



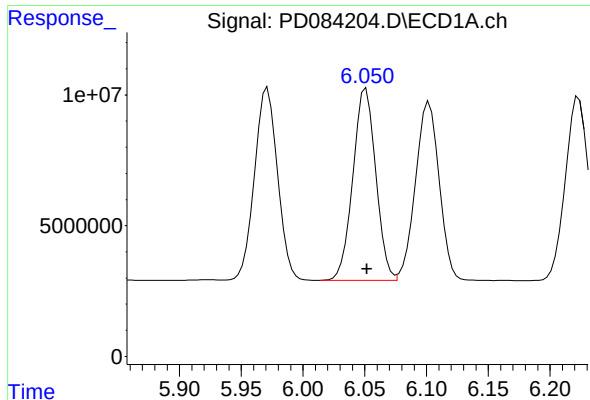
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.001 min
Response: 96149108
Conc: 48.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 391078268
Conc: 51.59 ng/ml m



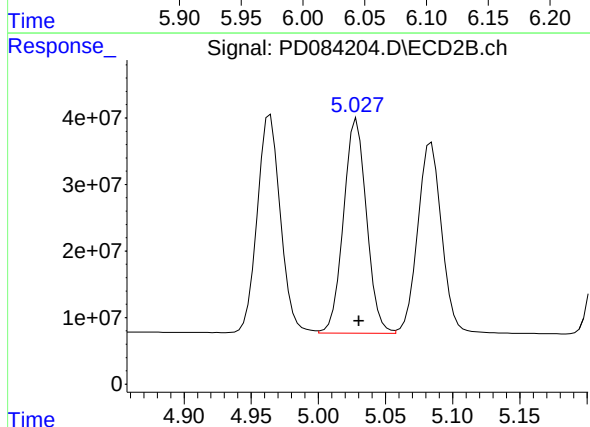
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 95002950
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

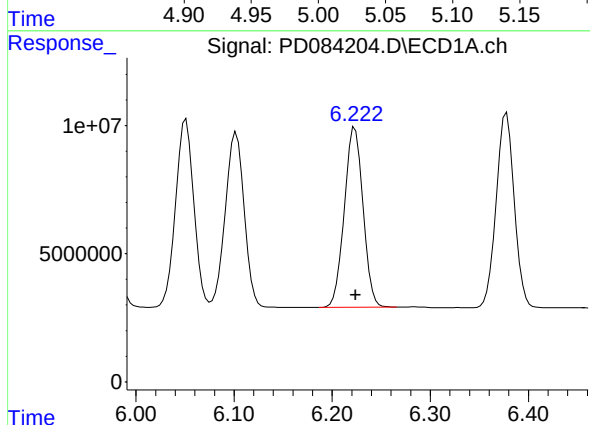
Manual Integrations
APPROVED

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



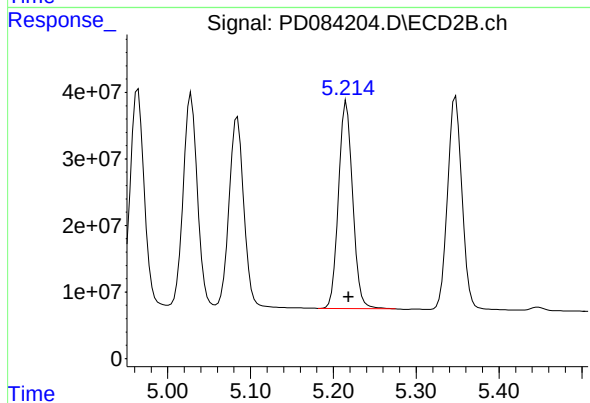
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 384518975
Conc: 51.49 ng/ml



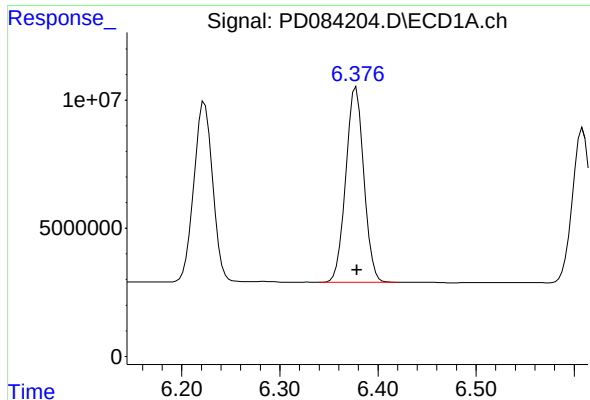
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 93257113
Conc: 46.78 ng/ml



#12 4,4'-DDE

R.T.: 5.216 min
Delta R.T.: -0.003 min
Response: 369550028
Conc: 51.87 ng/ml



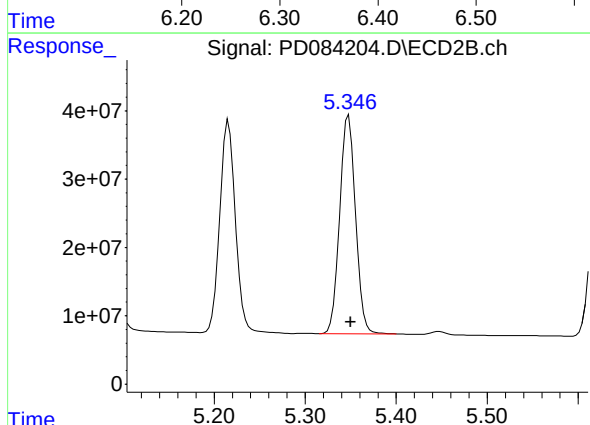
#13 Dieldrin

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 97252313
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

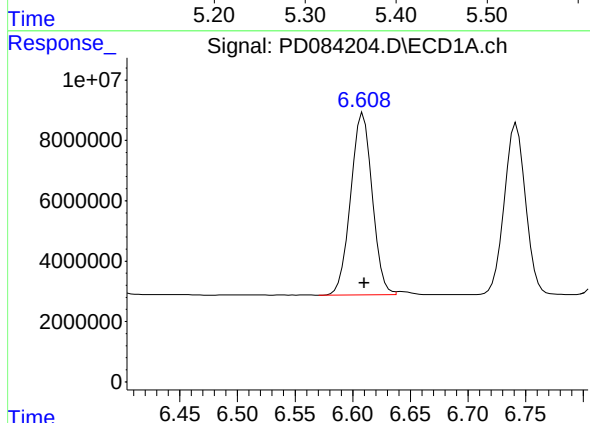
Manual Integrations
APPROVED

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



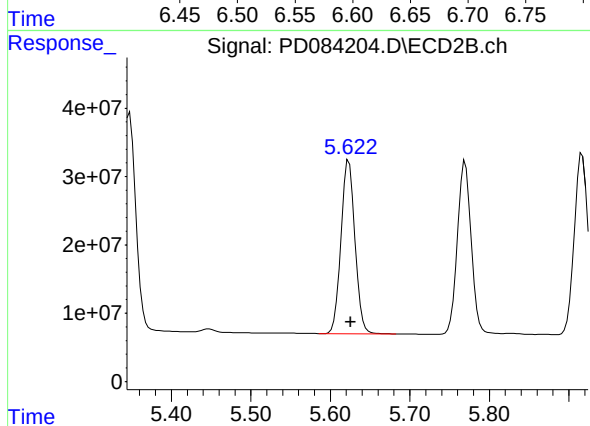
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 386499695
Conc: 51.48 ng/ml



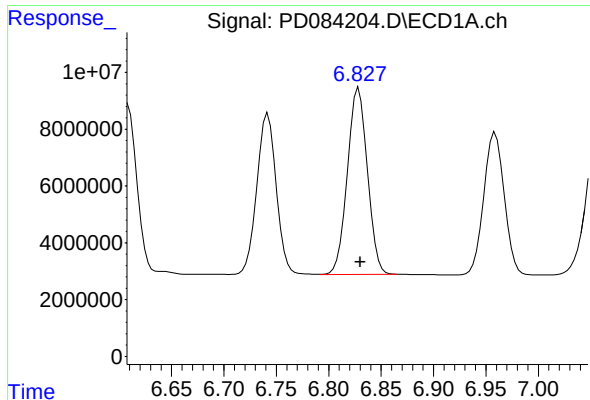
#14 Endrin

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 78513472
Conc: 43.99 ng/ml m



#14 Endrin

R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 309890411
Conc: 46.86 ng/ml



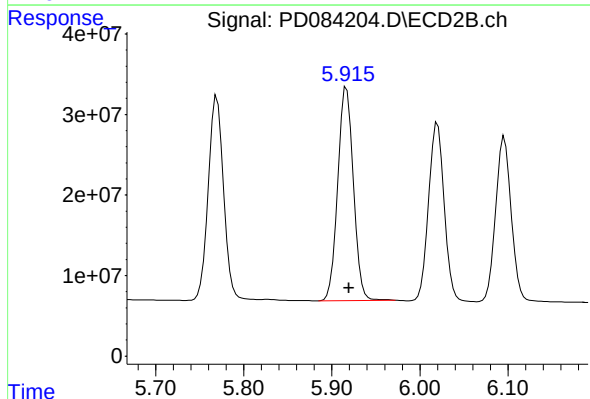
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 87769342
Conc: 45.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

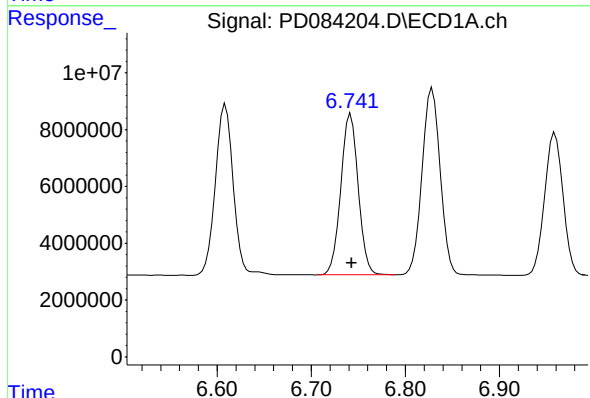
Manual Integrations
APPROVED

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



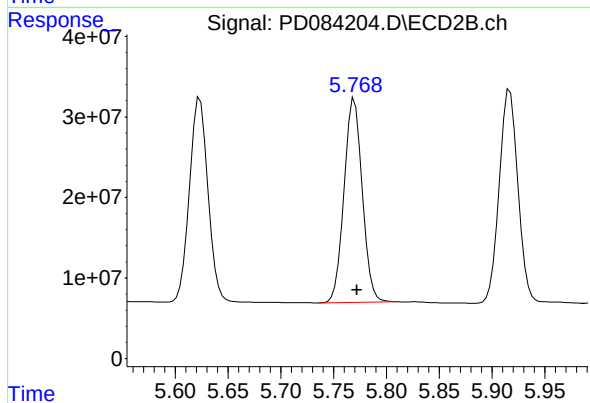
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 327324025
Conc: 51.23 ng/ml



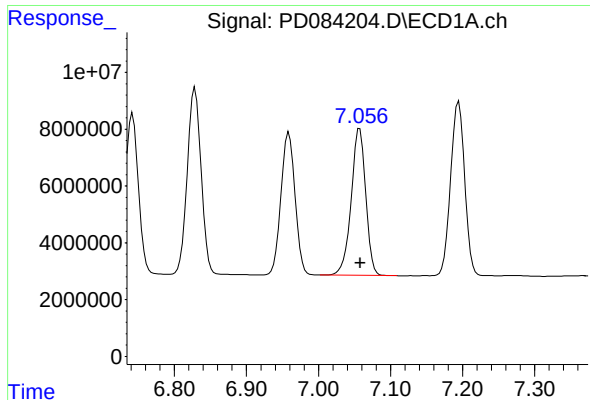
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 72915027
Conc: 48.13 ng/ml



#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 303714814
Conc: 54.84 ng/ml



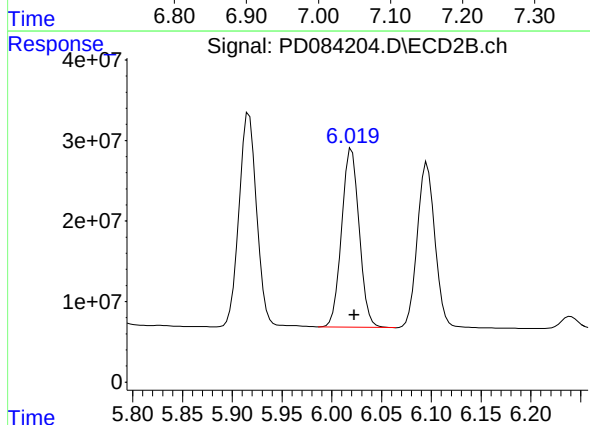
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 72280065
Conc: 42.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

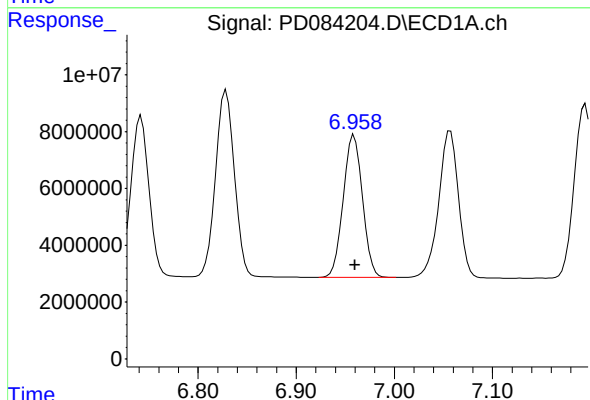
Manual Integrations
APPROVED

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



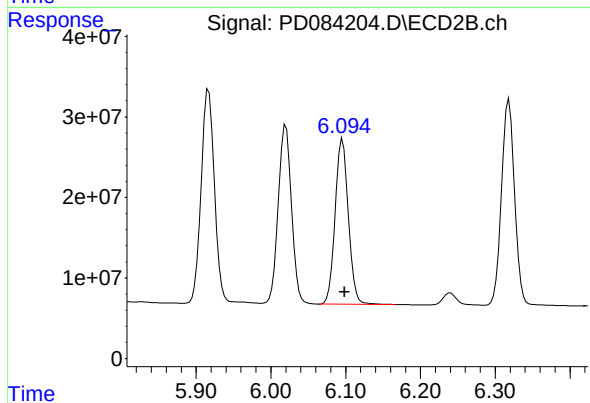
#17 4,4'-DDT

R.T.: 6.020 min
Delta R.T.: -0.002 min
Response: 272692725
Conc: 47.54 ng/ml



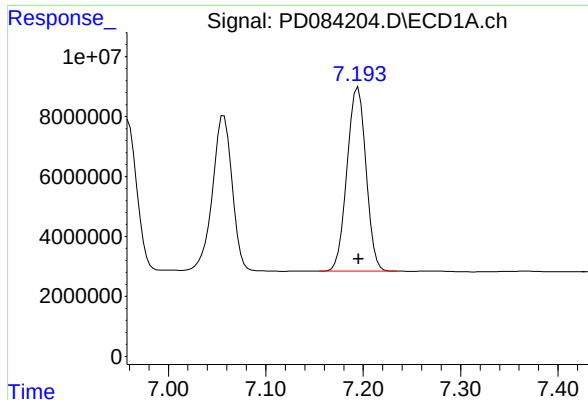
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 68237771
Conc: 46.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.003 min
Response: 253184265
Conc: 50.45 ng/ml



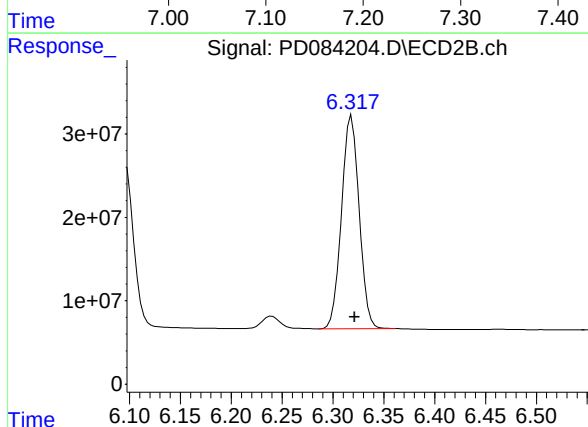
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 83227321
Conc: 45.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

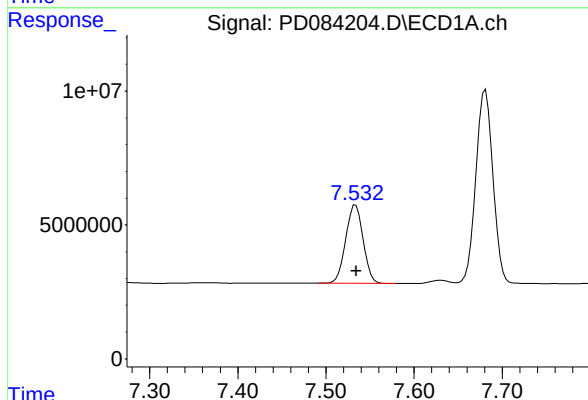
Manual Integrations
APPROVED

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



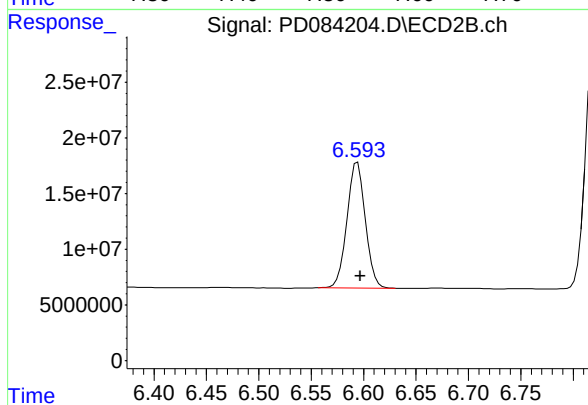
#19 Endosulfan Sulfate

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 308337164
Conc: 50.38 ng/ml



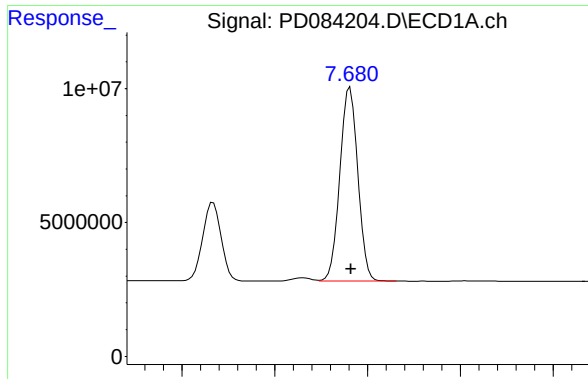
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 40265694
Conc: 40.87 ng/ml



#20 Methoxychlor

R.T.: 6.594 min
Delta R.T.: -0.003 min
Response: 138178508
Conc: 46.84 ng/ml



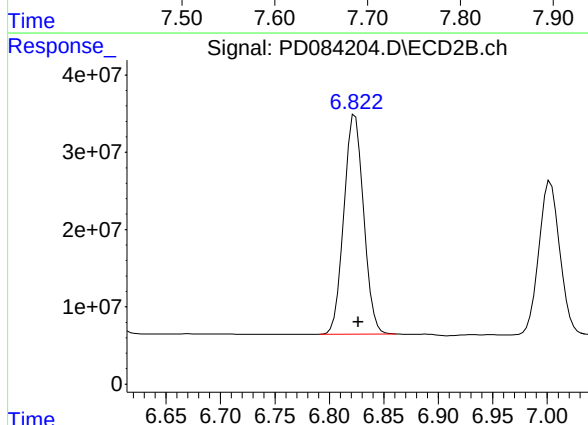
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: -0.001 min
Response: 97527538
Conc: 47.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

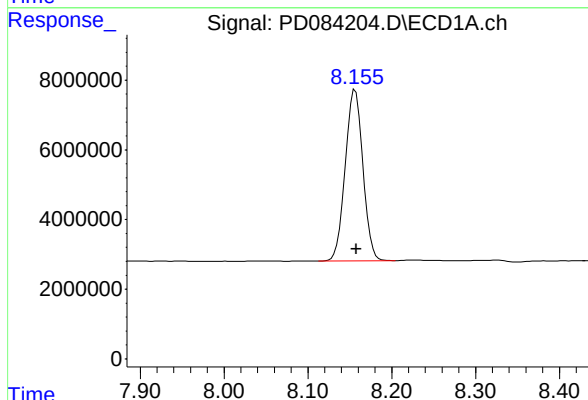
Manual Integrations
APPROVED

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



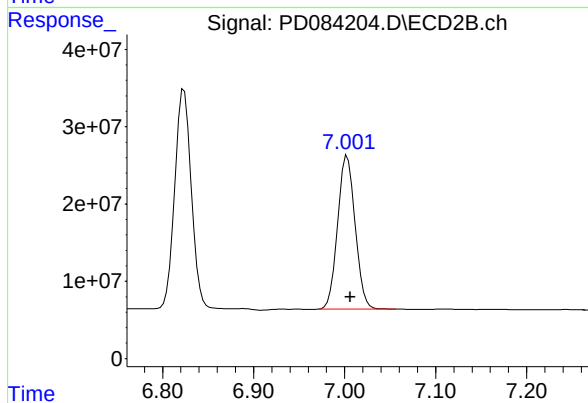
#21 Endrin ketone

R.T.: 6.824 min
Delta R.T.: -0.003 min
Response: 356805170
Conc: 52.70 ng/ml



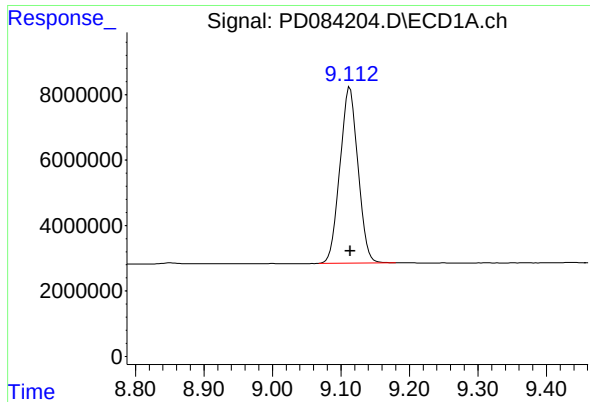
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.001 min
Response: 71828409
Conc: 44.10 ng/ml



#22 Mirex

R.T.: 7.003 min
Delta R.T.: -0.004 min
Response: 265832130
Conc: 49.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 98299660
Conc: 43.06 ng/ml

Instrument :

ECD_D

ClientSampleId :

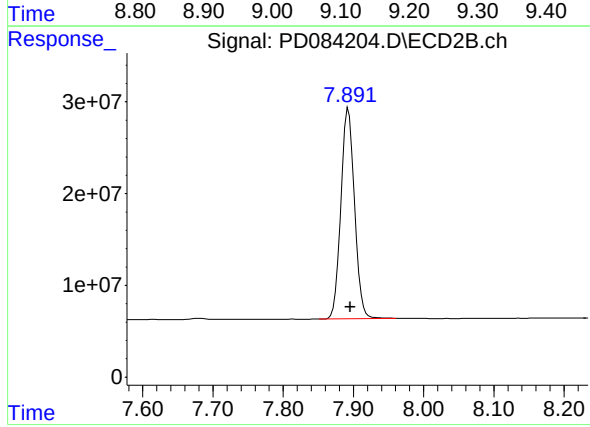
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024



#28 Decachlorobiphenyl

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 308953392
Conc: 48.11 ng/ml