

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 08:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/27/2023
 Supervised By : Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:50:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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...	3.570	2.806	80336755	119.0E6	49.757	51.392
28)	SA Decachlor...	9.115	7.954	96738418	126.2E6	48.224	51.775
Target Compounds							
2)	A alpha-BHC	4.027	3.310	136.8E6	186.1E6	51.384	53.680
3)	MA gamma-BHC...	4.360	3.640	132.1E6	183.0E6	50.823	53.879
4)	MA Heptachlor	4.953	3.982	130.3E6	168.4E6	48.709	55.142
5)	MB Aldrin	5.297	4.263	130.4E6	177.7E6	50.611	54.316
6)	B beta-BHC	4.553	3.934	53172364	74366508	49.620	52.776
7)	B delta-BHC	4.801	4.166	135.3E6	185.7E6	50.555m	55.461
8)	B Heptachlo...	5.723	4.765	118.7E6	160.5E6	50.656	54.136
9)	A Endosulfan I	6.109	5.136	108.9E6	140.1E6	50.252	52.919
10)	B gamma-Chl...	5.979	5.016	116.4E6	154.4E6	50.759	53.795
11)	B alpha-Chl...	6.058	5.080	115.0E6	152.0E6	50.421	52.970
12)	B 4,4'-DDE	6.229	5.269	107.4E6	146.7E6	50.814	55.089
13)	MA Dieldrin	6.385	5.401	117.9E6	164.0E6	50.609	55.206
14)	MA Endrin	6.615	5.675	99367884	142.3E6	51.020	55.591
15)	B Endosulfa...	6.832	5.968	101.2E6	137.0E6	49.632	54.867
16)	A 4,4'-DDD	6.746	5.823	88632783	124.4E6	50.419	54.479
17)	MA 4,4'-DDT	7.060	6.074	94244793	126.8E6	49.768	55.391
18)	B Endrin al...	6.961	6.147	75948534	100.9E6	49.180m	54.259
19)	B Endosulfa...	7.197	6.370	98450736	128.3E6	49.519	54.936
20)	A Methoxychlor	7.535	6.649	52117151	71973100	47.562	53.014
21)	B Endrin ke...	7.683	6.876	107.1E6	152.6E6	49.106	54.566
22)	Mirex	8.160	7.062	79880358	115.6E6	47.192	54.126

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
Data File : PD079168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Oct 2023 08:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

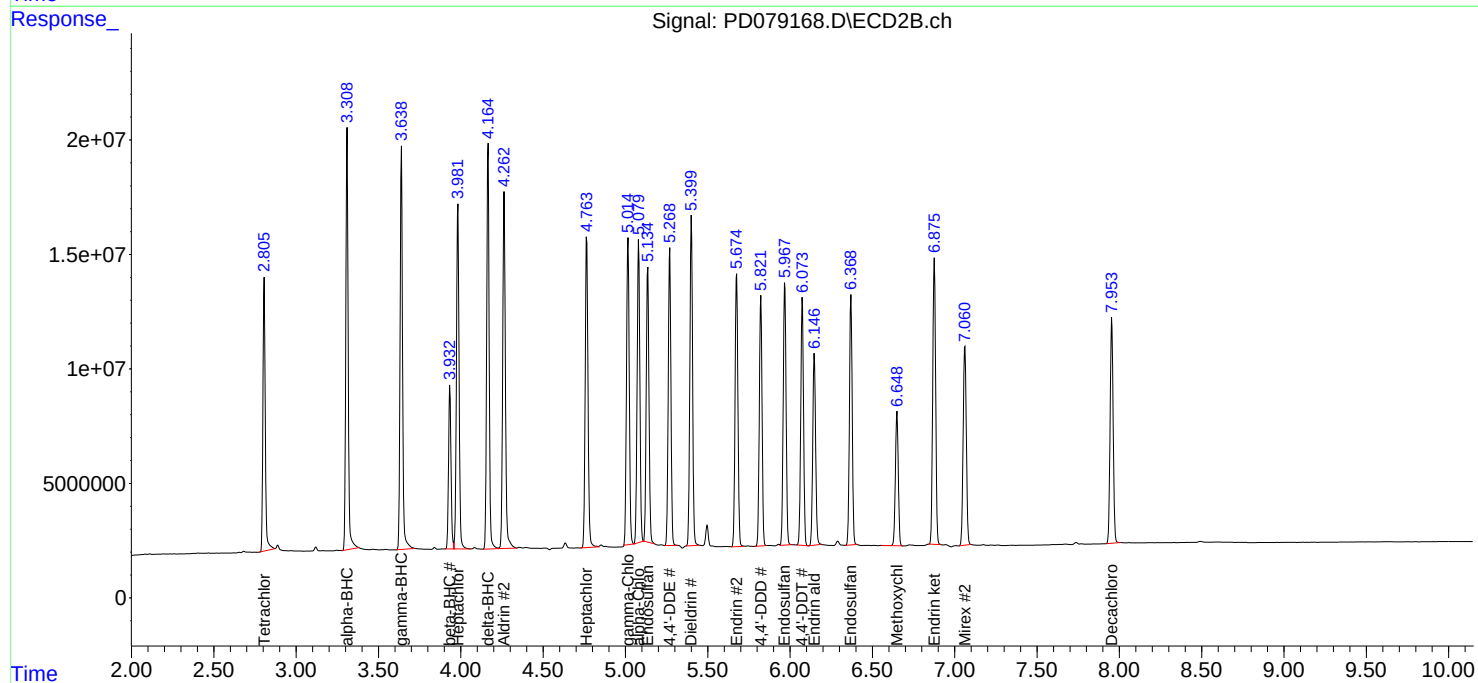
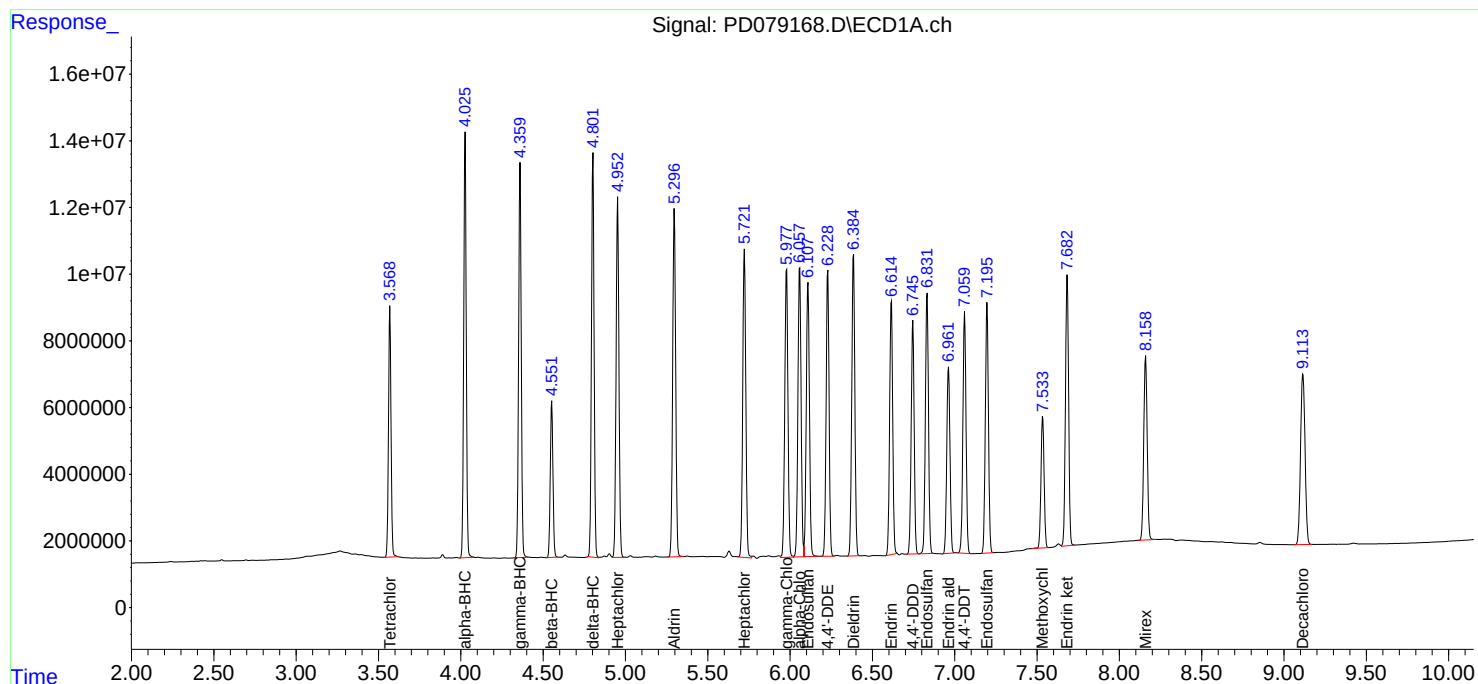
APPROVED

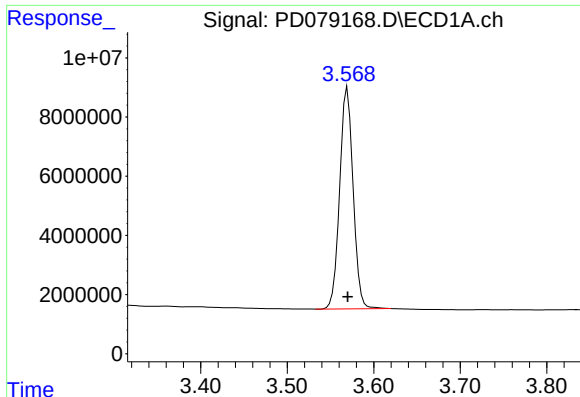
Reviewed By :Abdul Mirza 10/27/2023

Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 22:50:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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





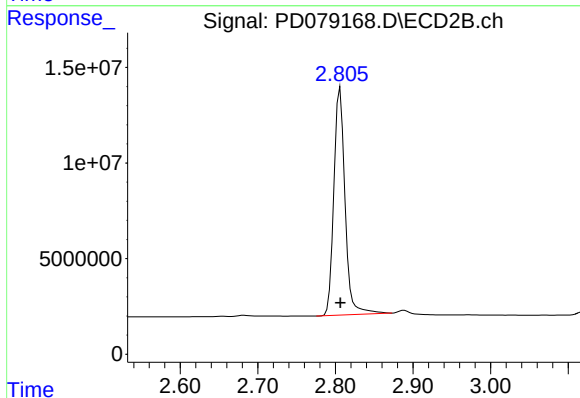
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 80336755
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

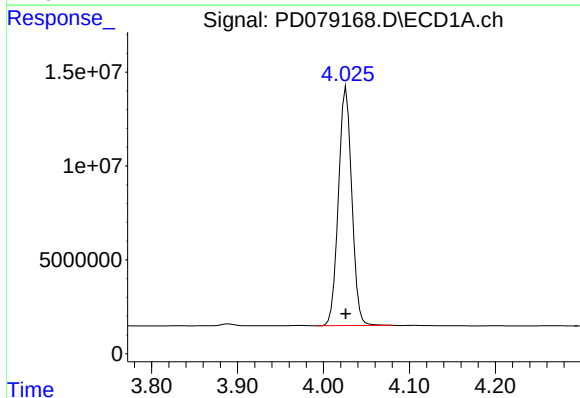
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



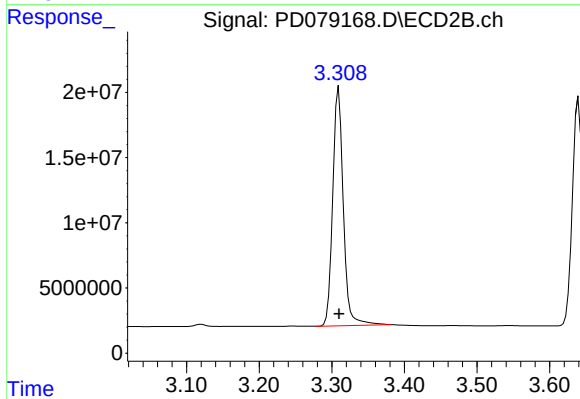
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 118987168
Conc: 51.39 ng/ml



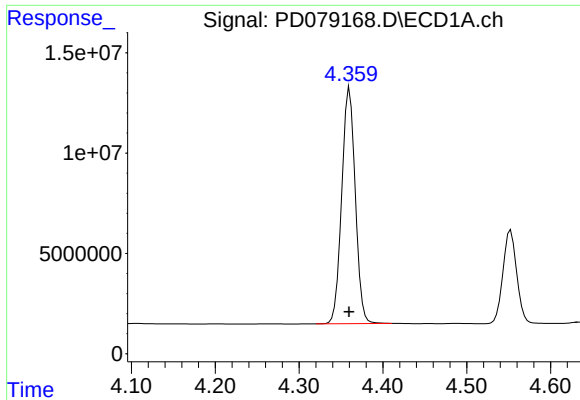
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 136788725
Conc: 51.38 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 186131363
Conc: 53.68 ng/ml



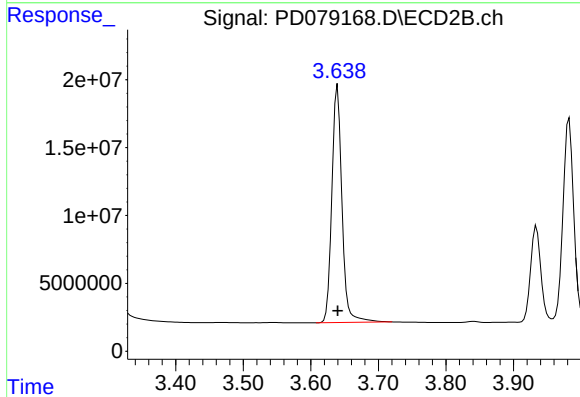
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 132080276
Conc: 50.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

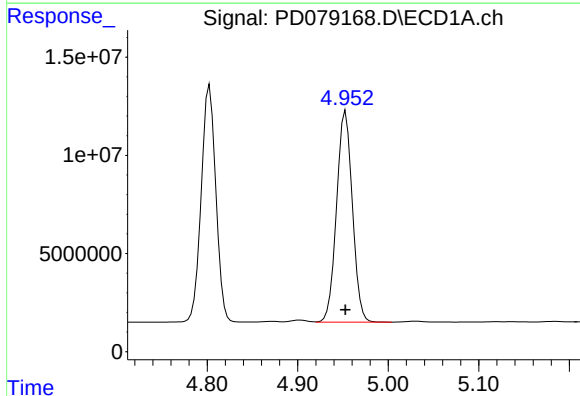
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



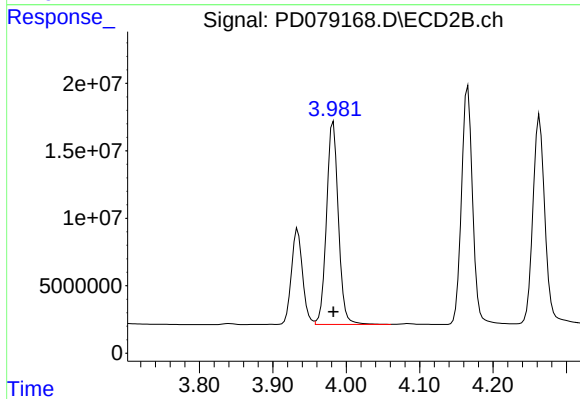
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 182962154
Conc: 53.88 ng/ml



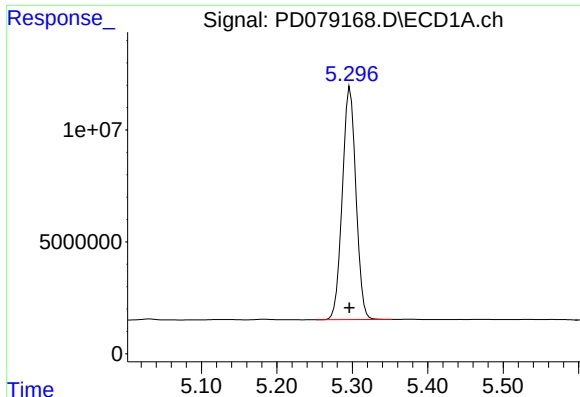
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 130292337
Conc: 48.71 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 168409889
Conc: 55.14 ng/ml



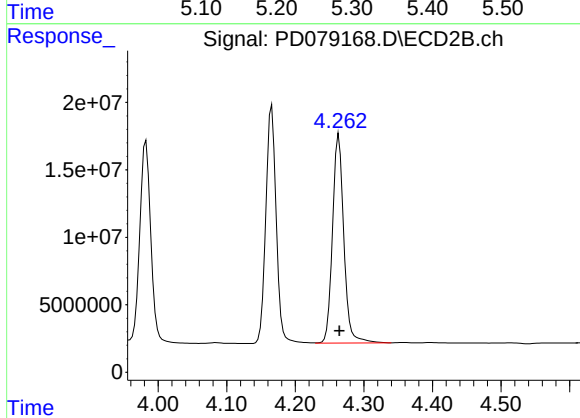
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 130414866
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

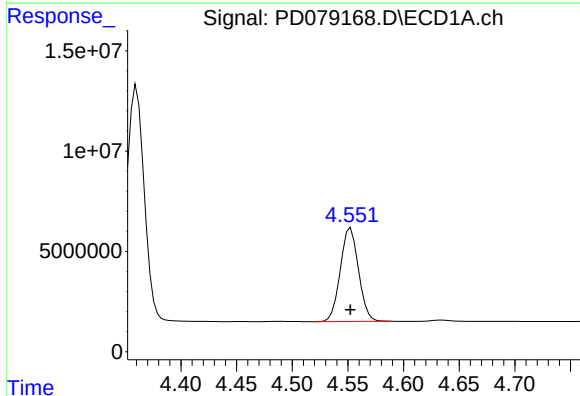
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



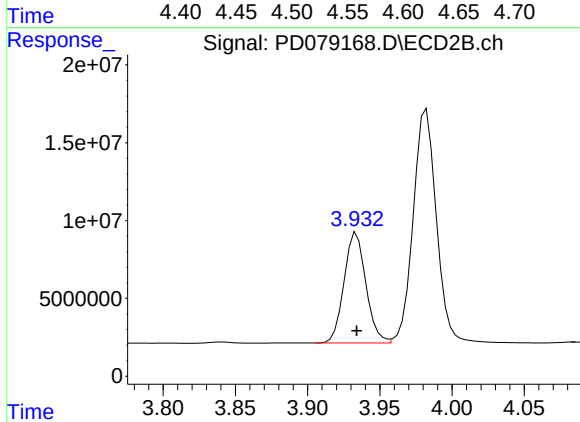
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 177685633
Conc: 54.32 ng/ml



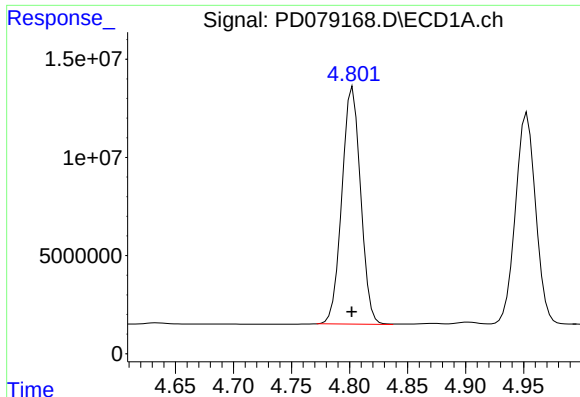
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 53172364
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 74366508
Conc: 52.78 ng/ml



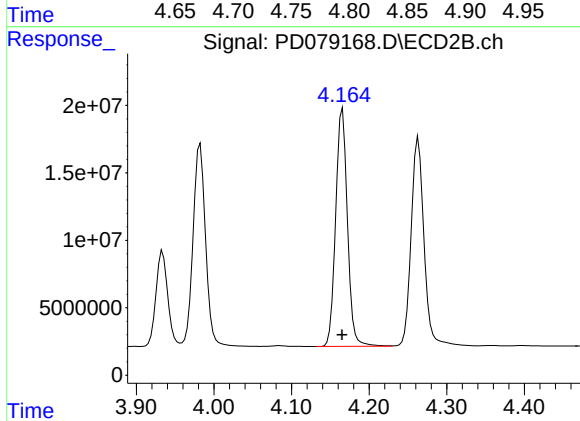
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 135339118
Conc: 50.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

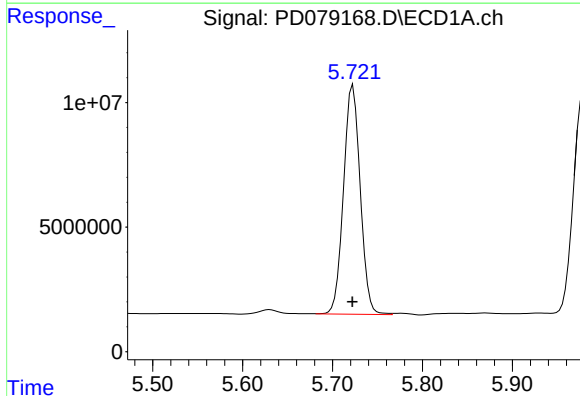
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



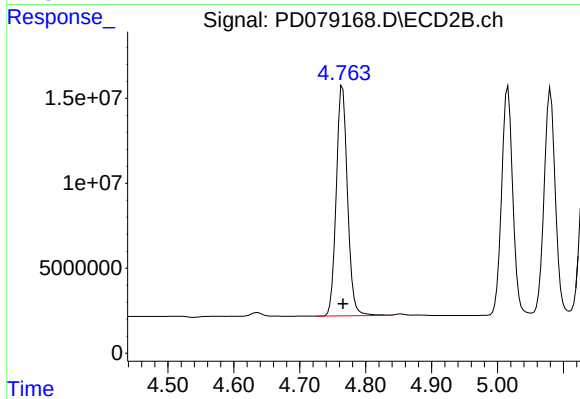
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 185697826
Conc: 55.46 ng/ml



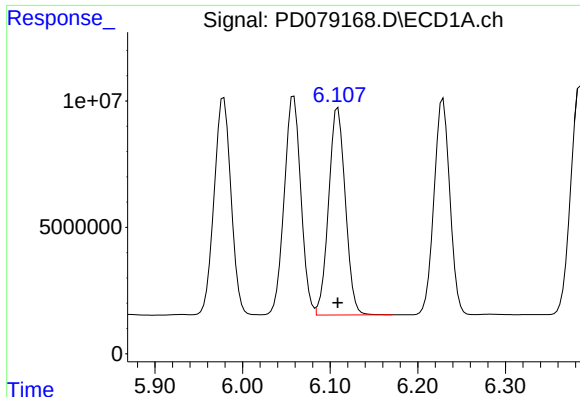
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 118721801
Conc: 50.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 160497517
Conc: 54.14 ng/ml



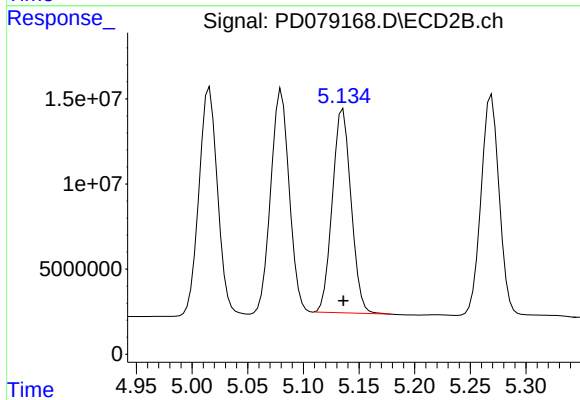
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 108943342
Conc: 50.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

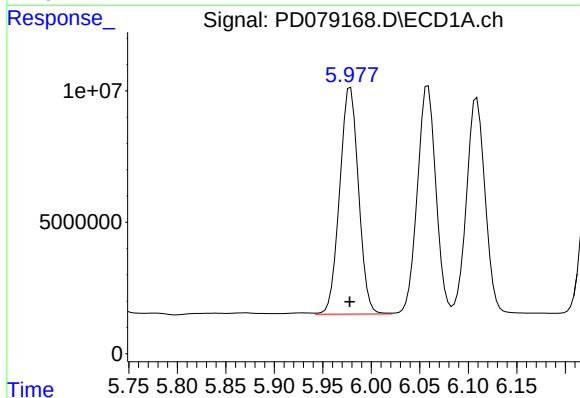
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



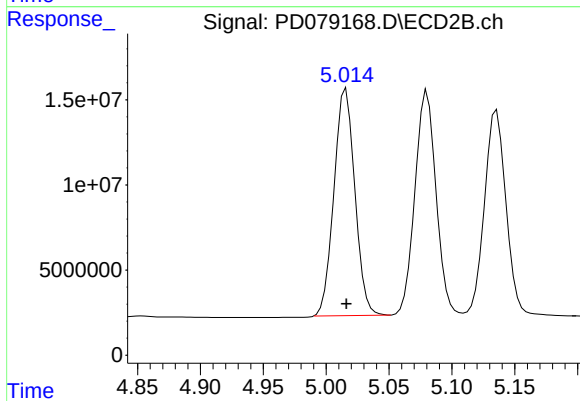
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 140112931
Conc: 52.92 ng/ml



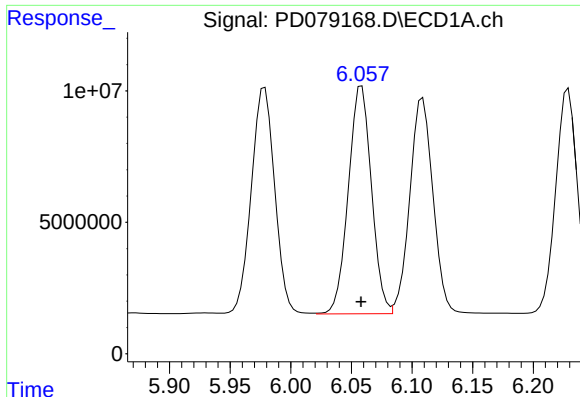
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 116375440
Conc: 50.76 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 154362882
Conc: 53.80 ng/ml



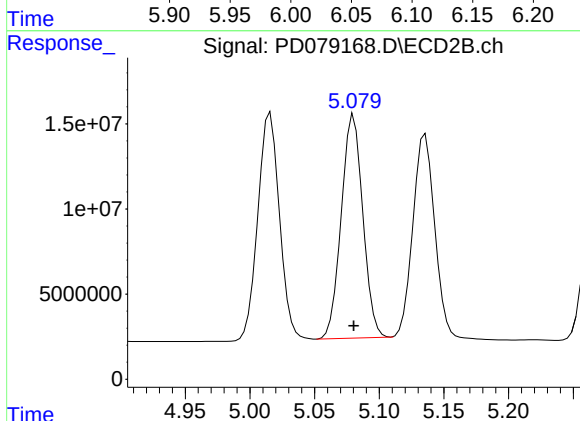
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 114969147
Conc: 50.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

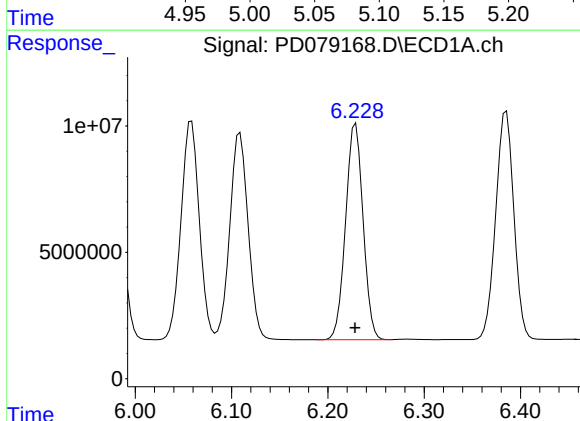
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



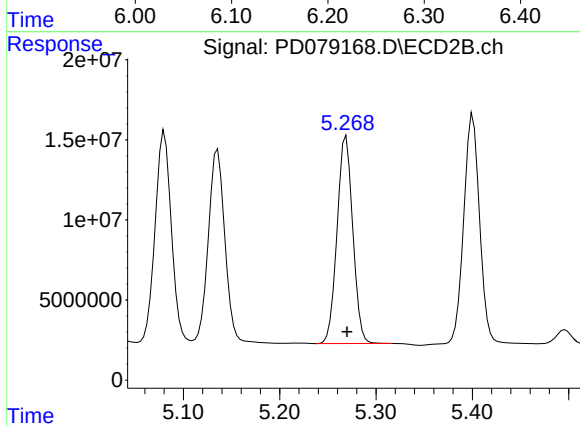
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 152014863
Conc: 52.97 ng/ml



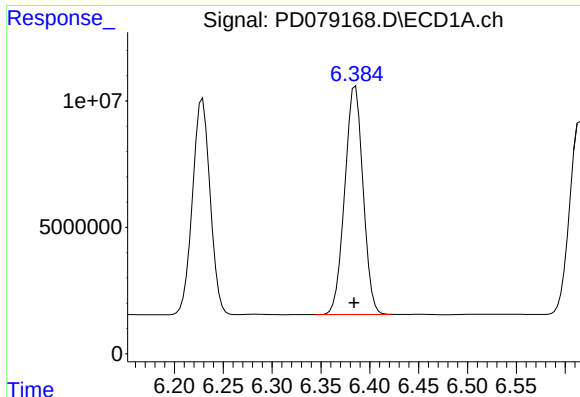
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 107374217
Conc: 50.81 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 146669290
Conc: 55.09 ng/ml



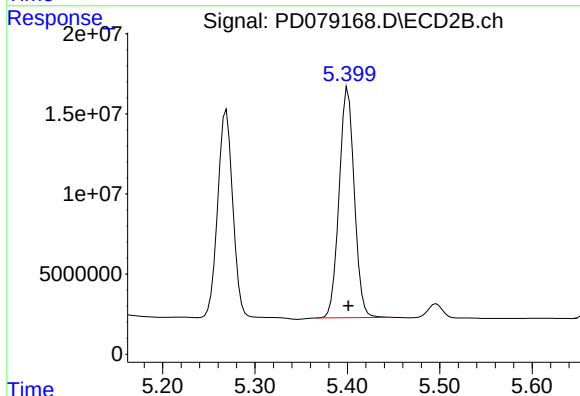
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 117861742
Conc: 50.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

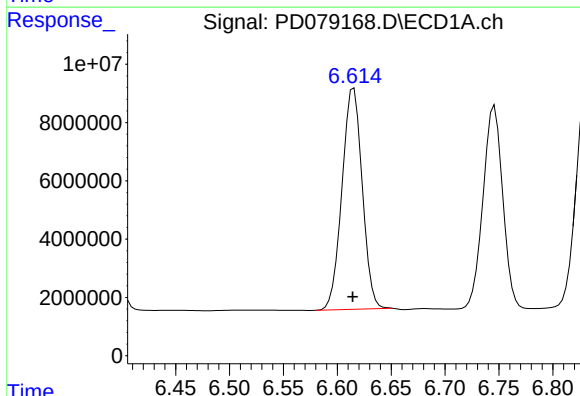
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



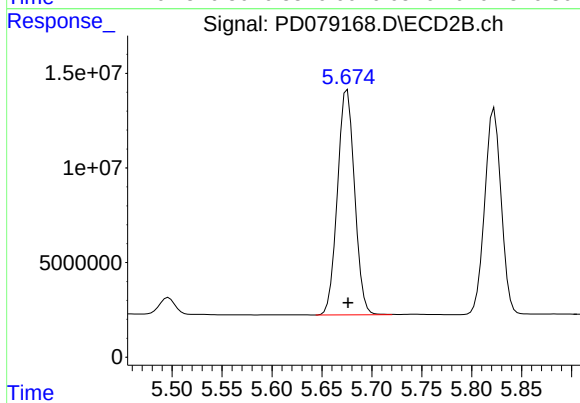
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 163956555
Conc: 55.21 ng/ml



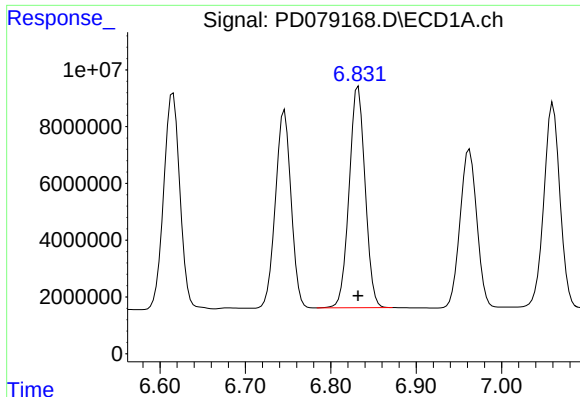
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 99367884
Conc: 51.02 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 142263167
Conc: 55.59 ng/ml



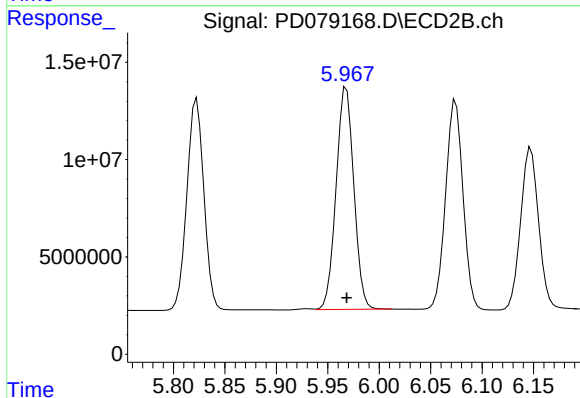
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 101230950
Conc: 49.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

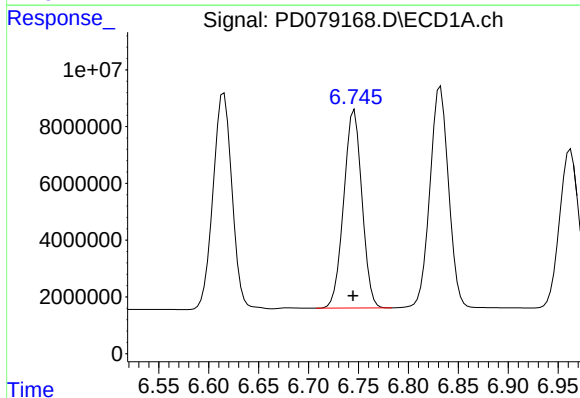
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



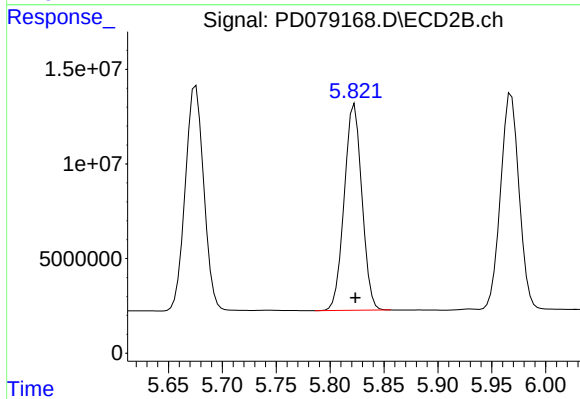
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 136976918
Conc: 54.87 ng/ml



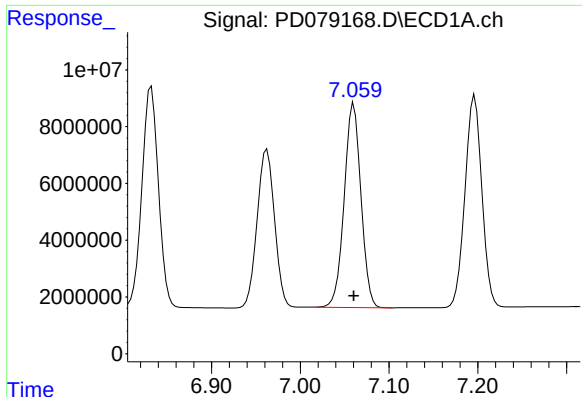
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 88632783
Conc: 50.42 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 124444109
Conc: 54.48 ng/ml



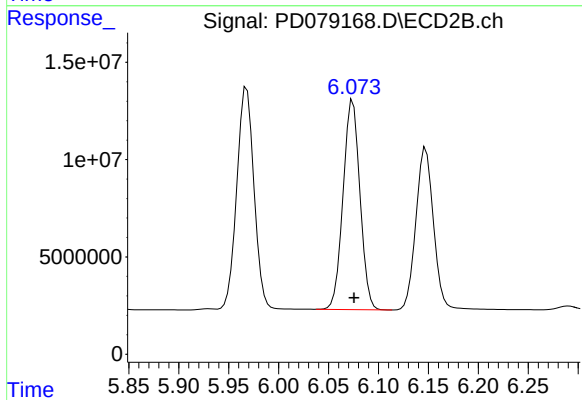
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 94244793
Conc: 49.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

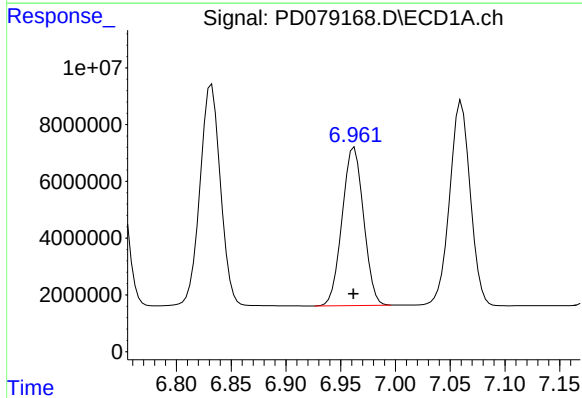
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



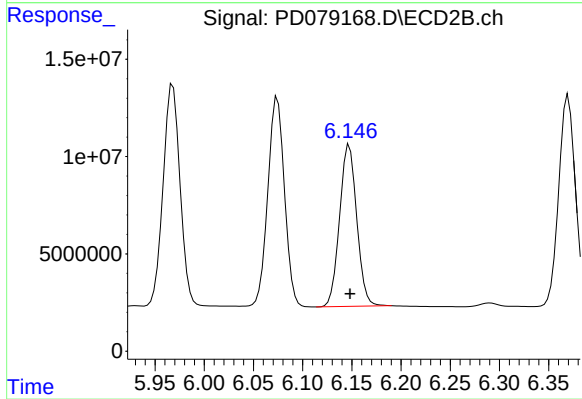
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 126810236
Conc: 55.39 ng/ml



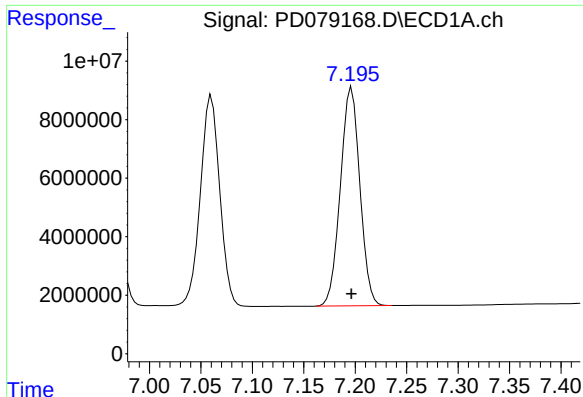
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 75948534
Conc: 49.18 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 100884730
Conc: 54.26 ng/ml



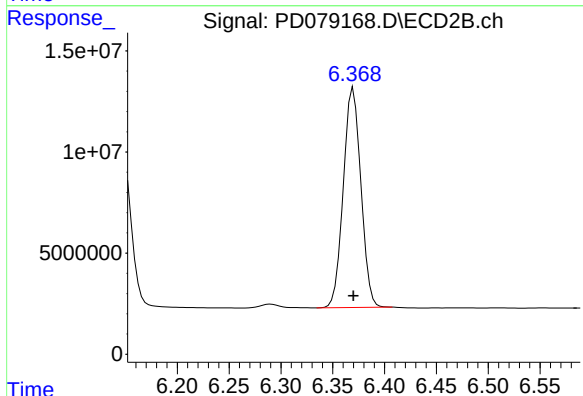
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 98450736
Conc: 49.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

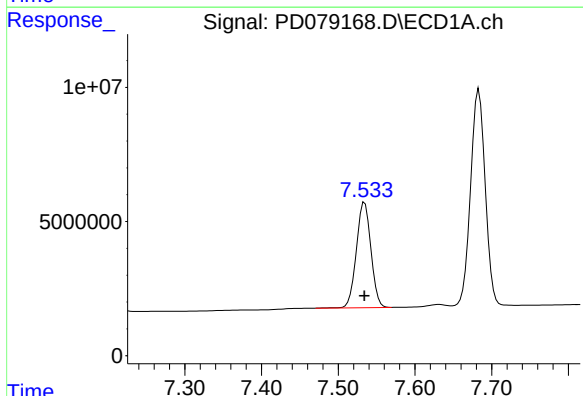
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



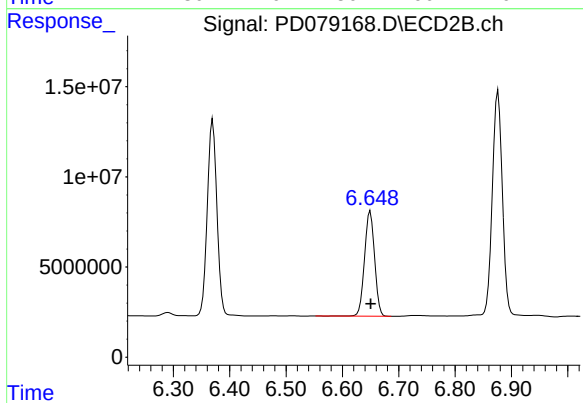
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 128265951
Conc: 54.94 ng/ml



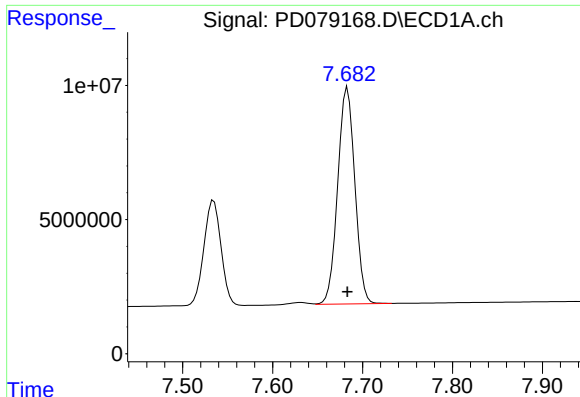
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 52117151
Conc: 47.56 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 71973100
Conc: 53.01 ng/ml



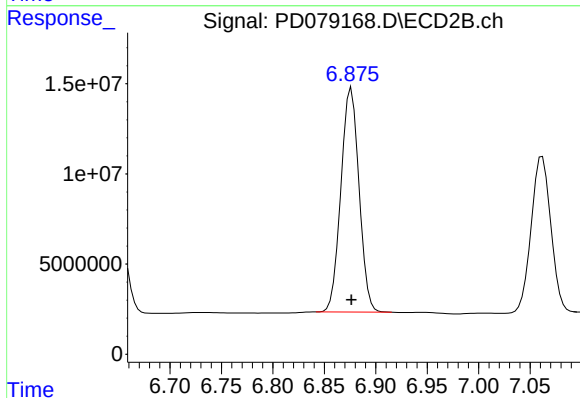
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 107059204
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

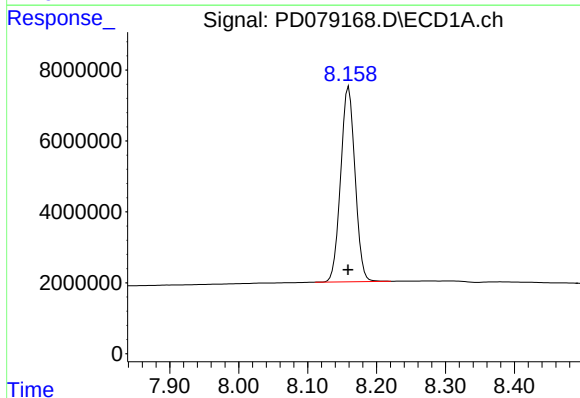
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



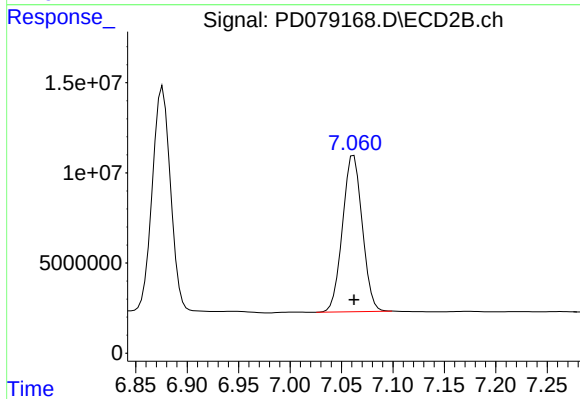
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 152552084
Conc: 54.57 ng/ml



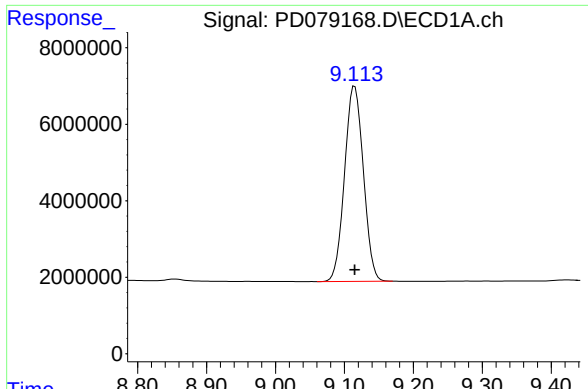
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 79880358
Conc: 47.19 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 115631592
Conc: 54.13 ng/ml



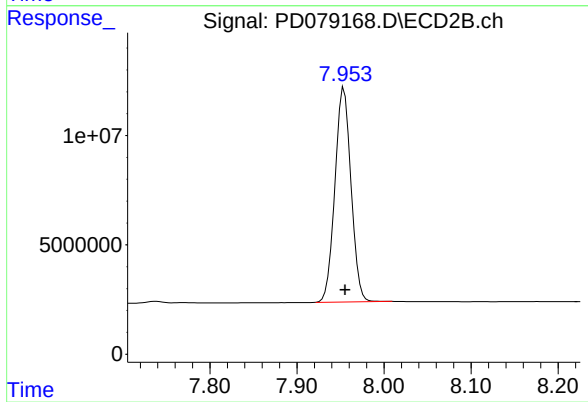
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 96738418
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 126199759
Conc: 51.77 ng/ml