

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020923\
 Data File : PD073904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2023 19:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/09/2023
 Supervised By : Ankita Jodhani 02/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 22:02:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.554	2.776	115.7E6	57929766	49.500	45.504
28)	SA Decachlor...	9.098	7.930	122.9E6	50409444	43.618	43.327
Target Compounds							
2)	A alpha-BHC	4.011	3.279	208.9E6	89348500	52.586	52.439
3)	MA gamma-BHC...	4.344	3.609	190.9E6	81891199	52.003	54.442
4)	MA Heptachlor	4.936	3.952	192.2E6	75358361	51.749	56.276
5)	MB Aldrin	5.280	4.233	189.1E6	80291825	52.464	49.709
6)	B beta-BHC	4.537	3.905	78032712	34994894	50.301	52.805
7)	B delta-BHC	4.787	4.136	191.9E6	82355656	57.032	53.879
8)	B Heptachlo...	5.706	4.736	169.0E6	71335052	52.954	53.015
9)	A Endosulfan I	6.093	5.107	157.6E6	65633074	51.321	48.814
10)	B gamma-Chl...	5.961	4.987	170.5E6	73332191	51.774m	49.549
11)	B alpha-Chl...	6.042	5.051	170.8E6	72132977	51.775	48.497
12)	B 4,4'-DDE	6.214	5.241	153.7E6	67148868	50.891	50.324
13)	MA Dieldrin	6.369	5.372	162.4E6	70534464	50.940	53.810
14)	MA Endrin	6.599	5.647	132.0E6	58514472	48.707	52.620
15)	B Endosulfa...	6.817	5.940	130.9E6	57701500	49.437	49.545
16)	A 4,4'-DDD	6.731	5.795	127.2E6	57488881	51.560	55.794
17)	MA 4,4'-DDT	7.047	6.047	128.0E6	53710191	45.979	52.144
18)	B Endrin al...	6.947	6.120	101.3E6	45250084	46.705	51.304
19)	B Endosulfa...	7.182	6.344	129.0E6	56552697	48.163	50.240
20)	A Methoxychlor	7.521	6.624	67073571	28063472	43.298	53.618
21)	B Endrin ke...	7.668	6.850	144.9E6	67453308	47.934	52.646
22)	Mirex	8.145	7.035	103.5E6	49269588	45.040	46.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020923\
Data File : PD073904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2023 19:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

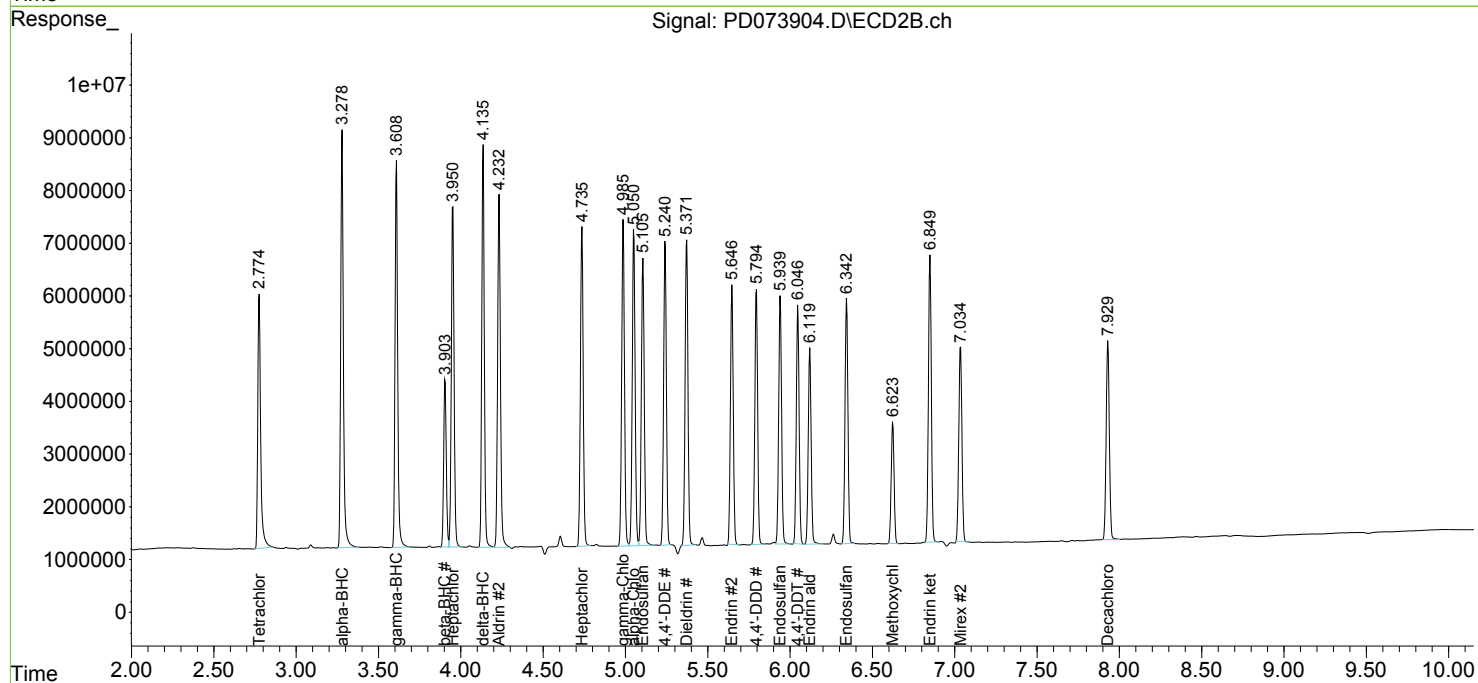
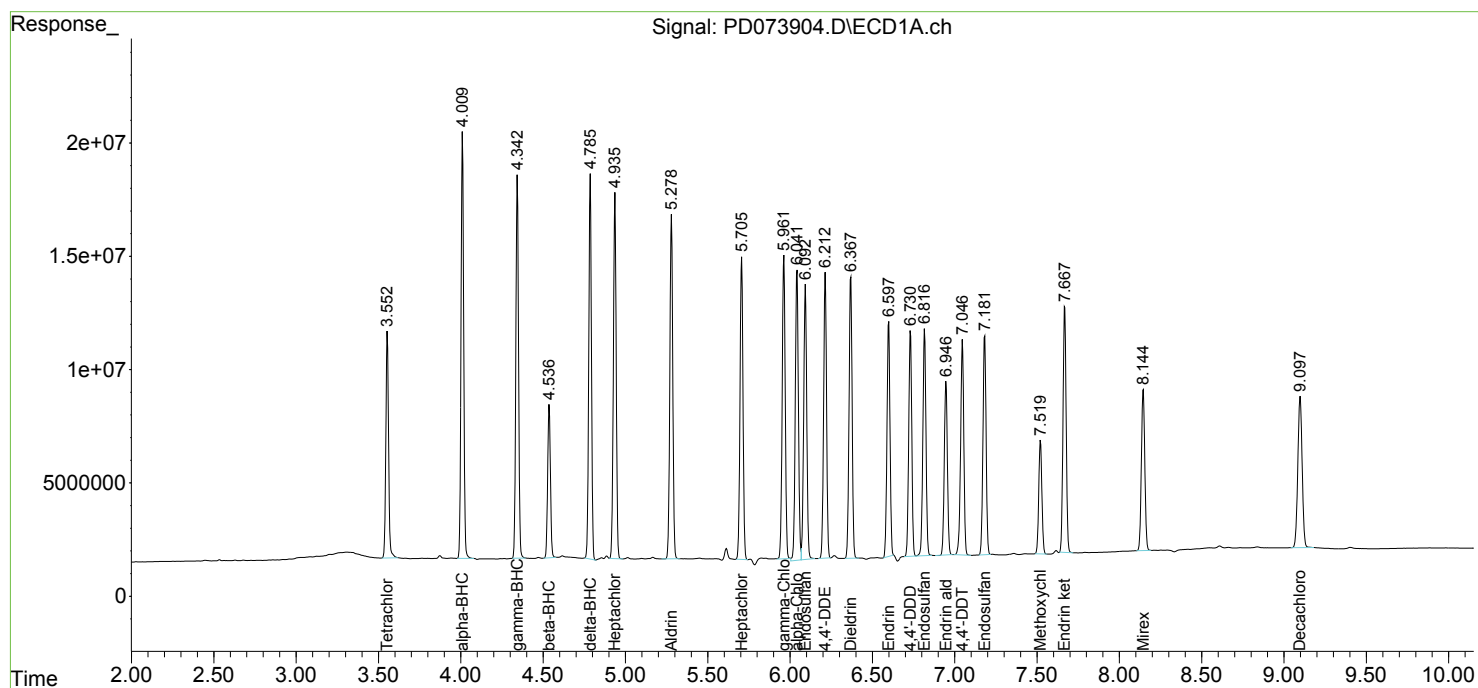
APPROVED

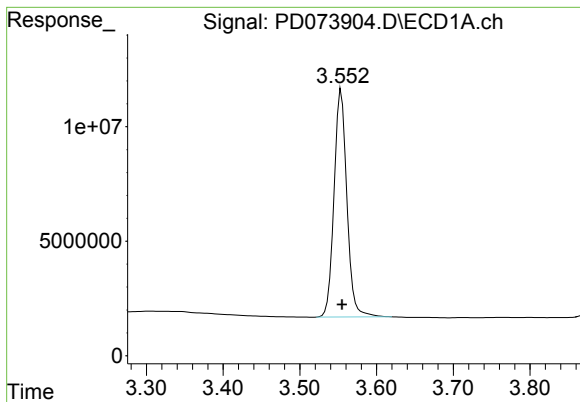
Reviewed By :Abdul Mirza 02/09/2023

Supervised By :Ankita Jodhani 02/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 22:02:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
Quant Title : GC Extractables
QLast Update : Thu Jan 19 02:45:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





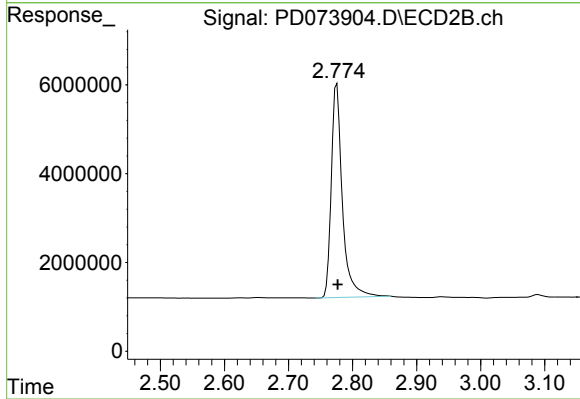
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: -0.001 min
Response: 115705036
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

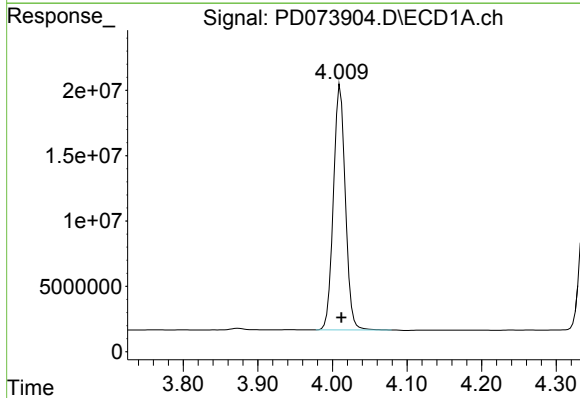
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



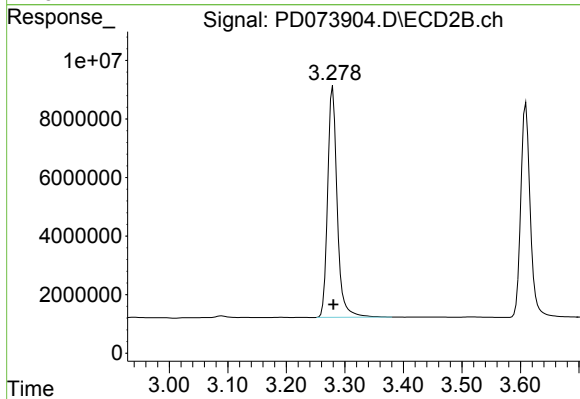
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.001 min
Response: 57929766
Conc: 45.50 ng/ml



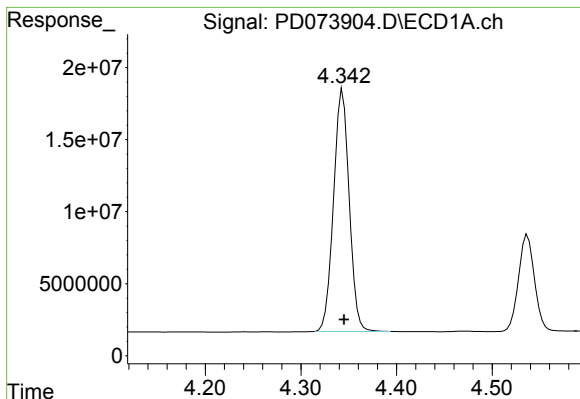
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: -0.001 min
Response: 208863794
Conc: 52.59 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 89348500
Conc: 52.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: -0.002 min
Response: 190931791
Conc: 52.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

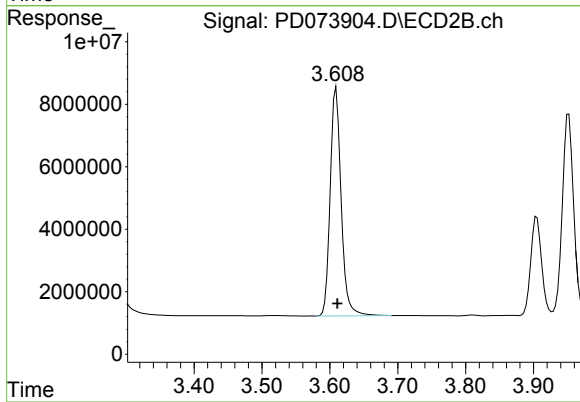
PSTDCCC050

Manual Integrations

APPROVED

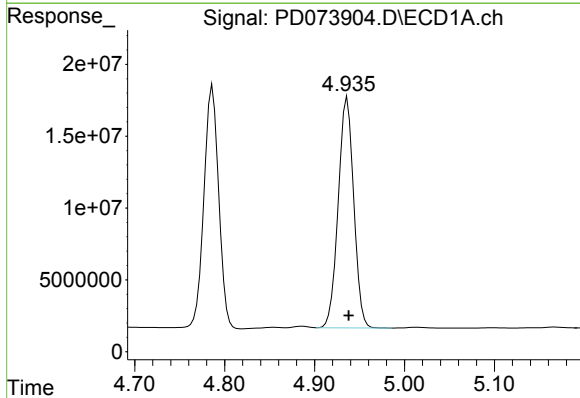
Reviewed By :Abdul Mirza 02/09/2023

Supervised By :Ankita Jodhani 02/09/2023



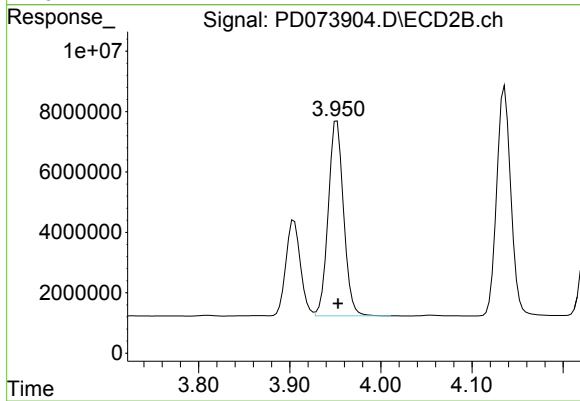
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.001 min
Response: 81891199
Conc: 54.44 ng/ml



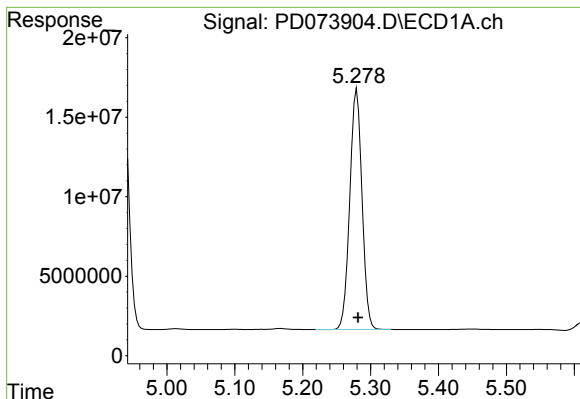
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: -0.002 min
Response: 192163755
Conc: 51.75 ng/ml



#4 Heptachlor

R.T.: 3.952 min
Delta R.T.: -0.001 min
Response: 75358361
Conc: 56.28 ng/ml



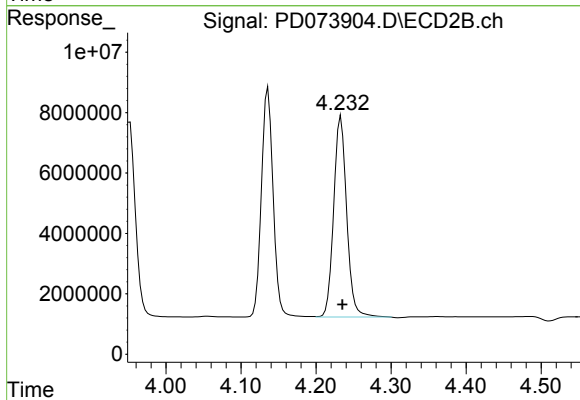
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: -0.002 min
Response: 189119896
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

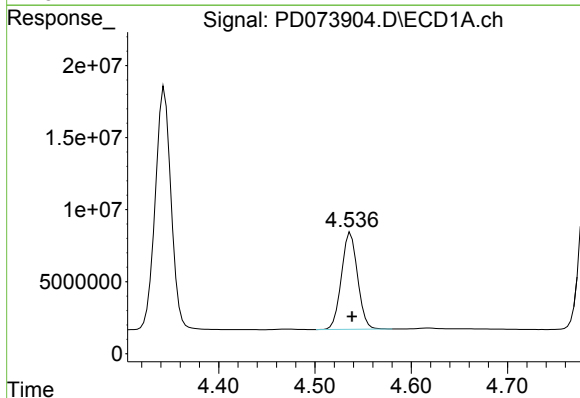
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



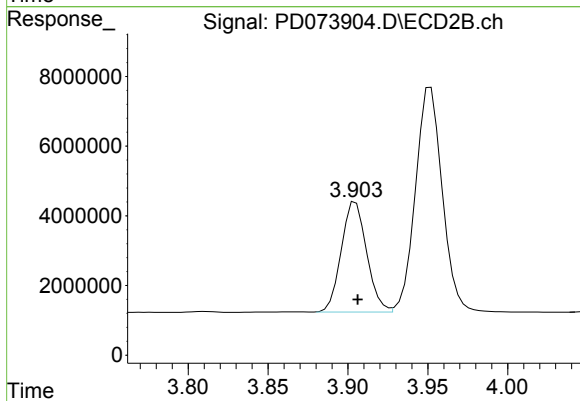
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 80291825
Conc: 49.71 ng/ml



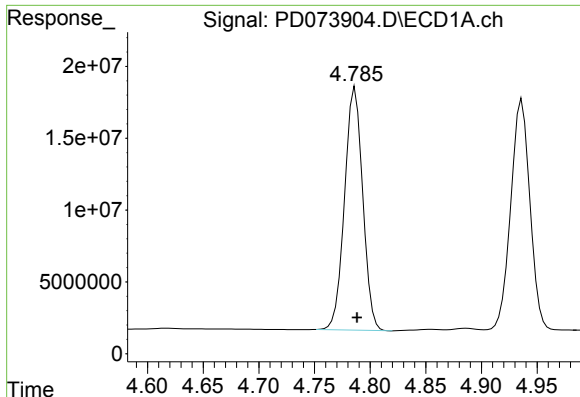
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 78032712
Conc: 50.30 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.001 min
Response: 34994894
Conc: 52.81 ng/ml



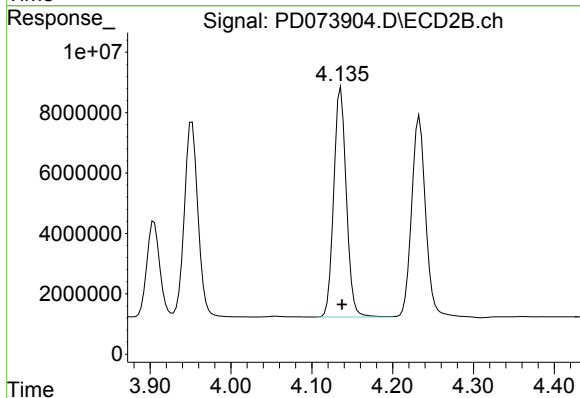
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: -0.001 min
Response: 191918052
Conc: 57.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

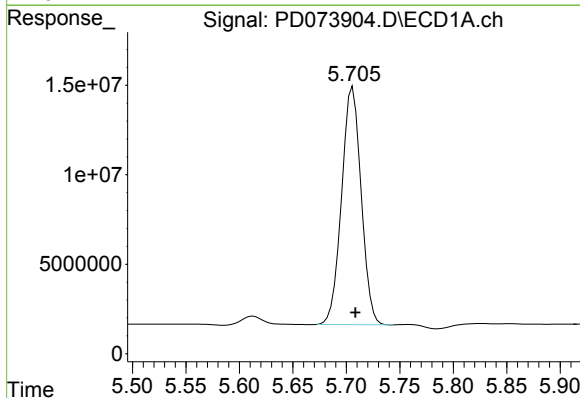
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



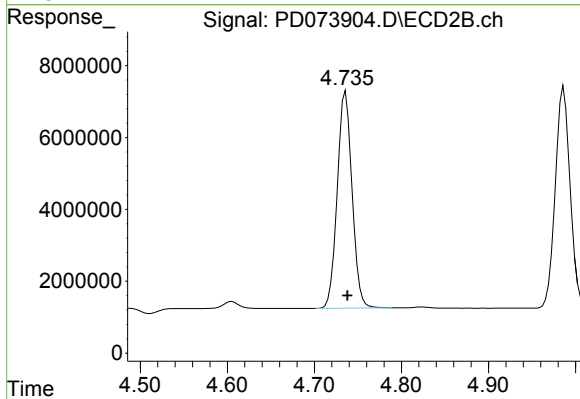
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.001 min
Response: 82355656
Conc: 53.88 ng/ml



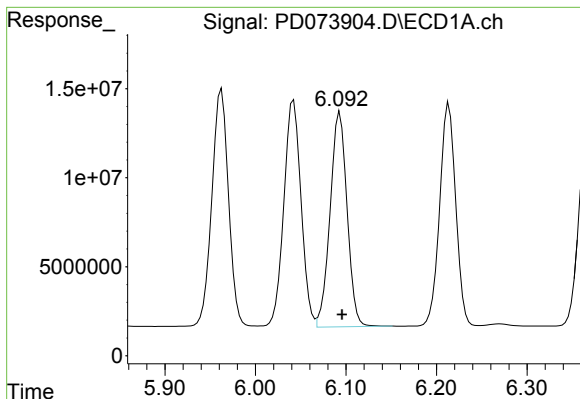
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 168994298
Conc: 52.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 71335052
Conc: 53.02 ng/ml



#9 Endosulfan I

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 157589030
Conc: 51.32 ng/ml

Instrument :

ECD_D

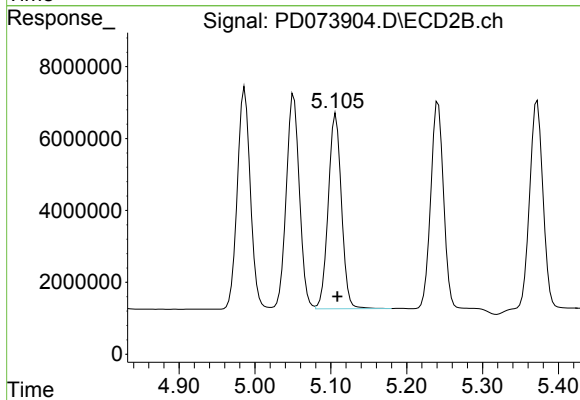
ClientSampleId :

PSTDCCC050

Manual Integrations

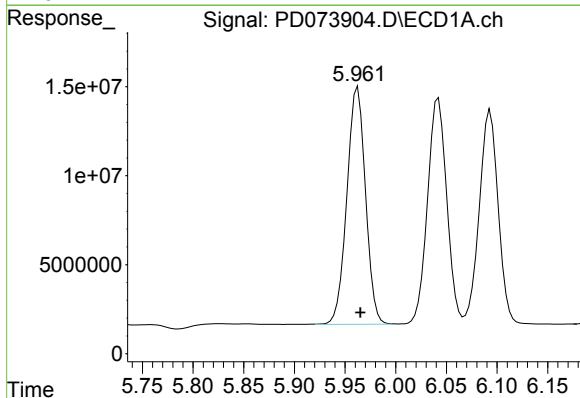
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



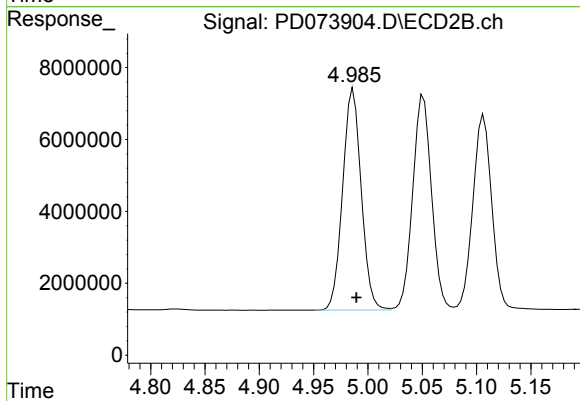
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 65633074
Conc: 48.81 ng/ml



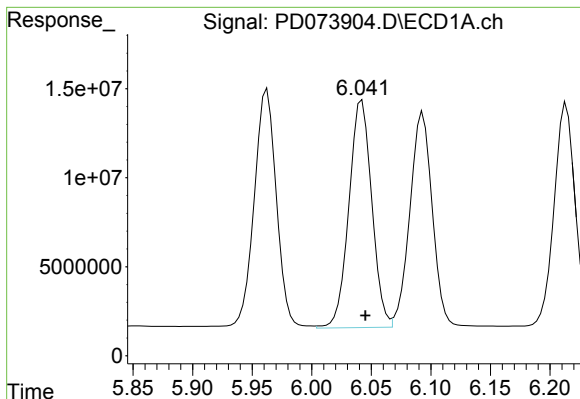
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: -0.004 min
Response: 170462912
Conc: 51.77 ng/ml m



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.003 min
Response: 73332191
Conc: 49.55 ng/ml



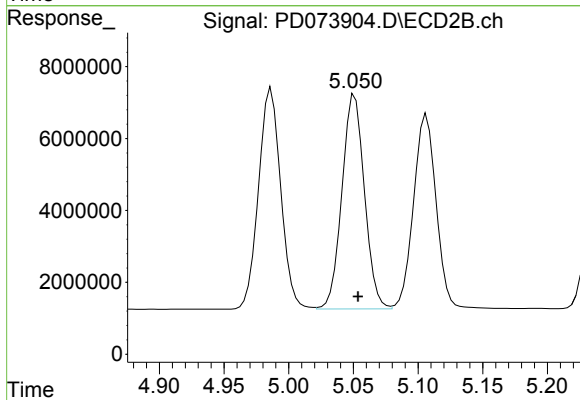
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 170797778
Conc: 51.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

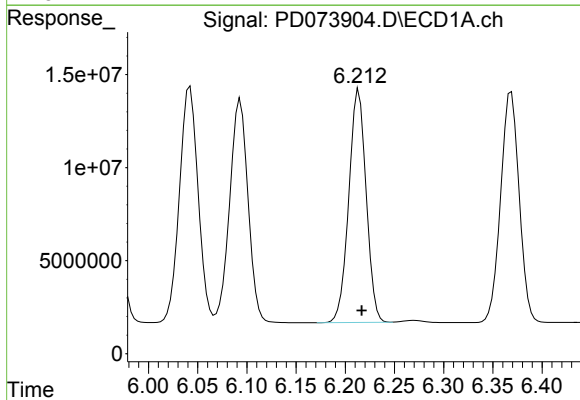
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



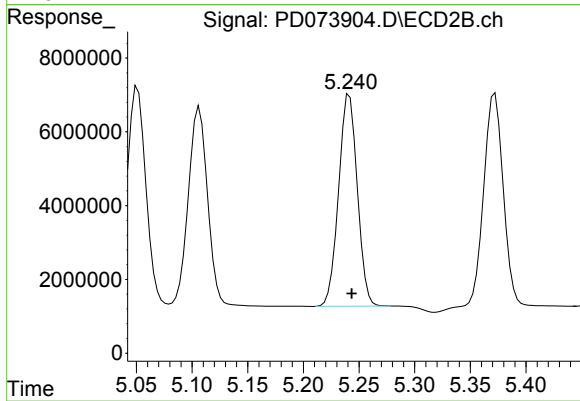
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 72132977
Conc: 48.50 ng/ml



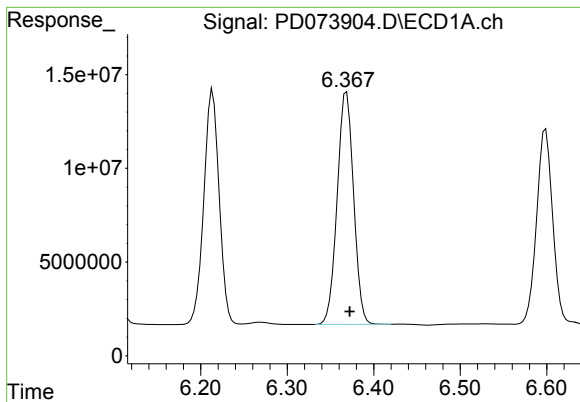
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 153707589
Conc: 50.89 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 67148868
Conc: 50.32 ng/ml



#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: -0.004 min
Response: 162422827
Conc: 50.94 ng/ml

Instrument :

ECD_D

ClientSampleId :

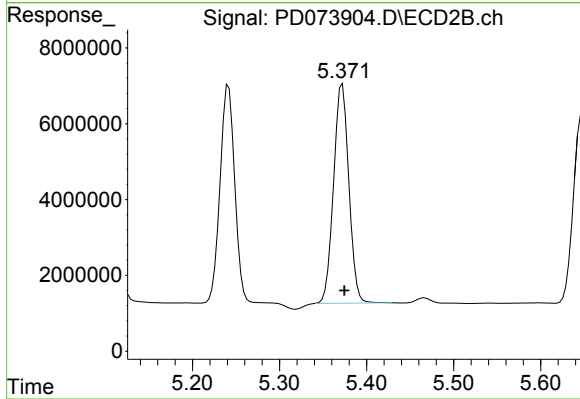
PSTDCCC050

Manual Integrations

APPROVED

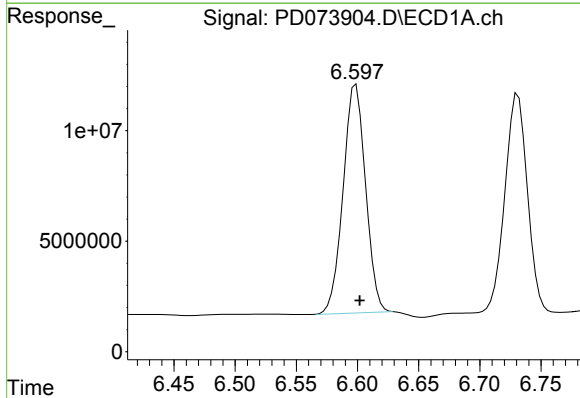
Reviewed By :Abdul Mirza 02/09/2023

Supervised By :Ankita Jodhani 02/09/2023



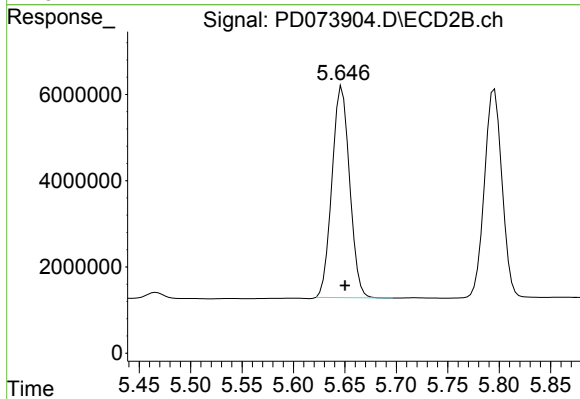
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: -0.002 min
Response: 70534464
Conc: 53.81 ng/ml



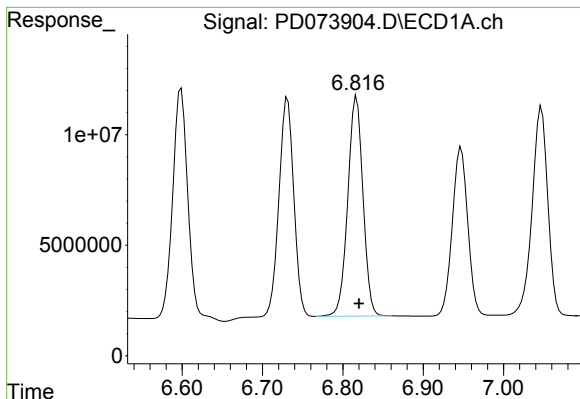
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.003 min
Response: 132046595
Conc: 48.71 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 58514472
Conc: 52.62 ng/ml



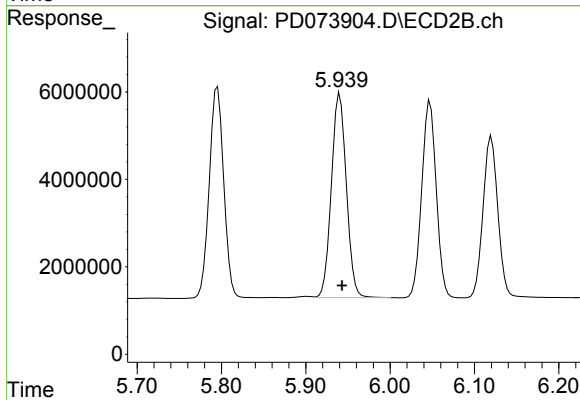
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: -0.003 min
Response: 130915432
Conc: 49.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

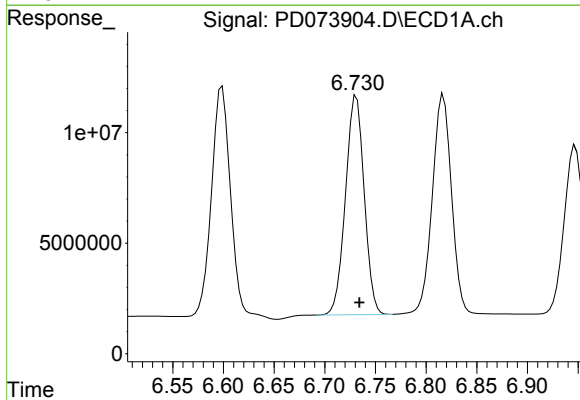
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



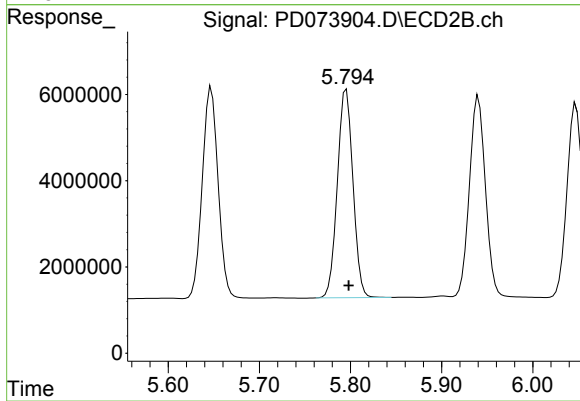
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 57701500
Conc: 49.54 ng/ml



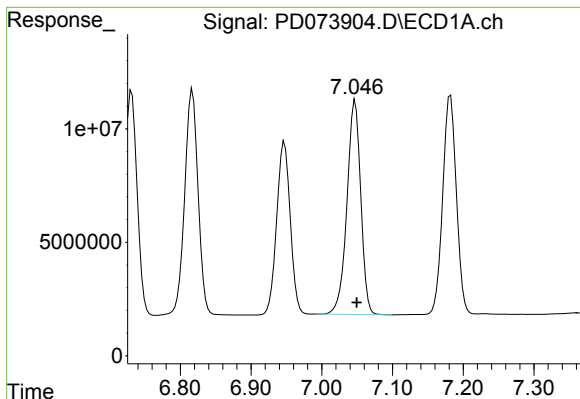
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 127161763
Conc: 51.56 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: -0.003 min
Response: 57488881
Conc: 55.79 ng/ml



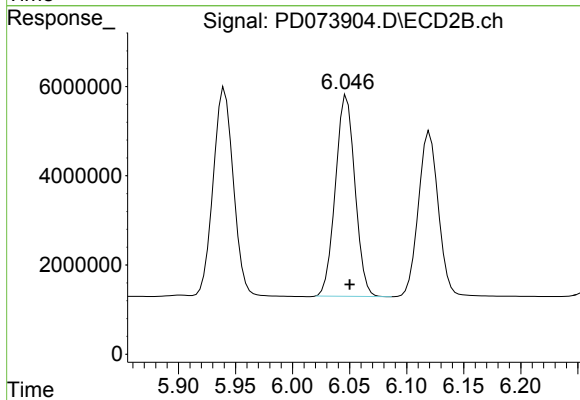
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 128011287
Conc: 45.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

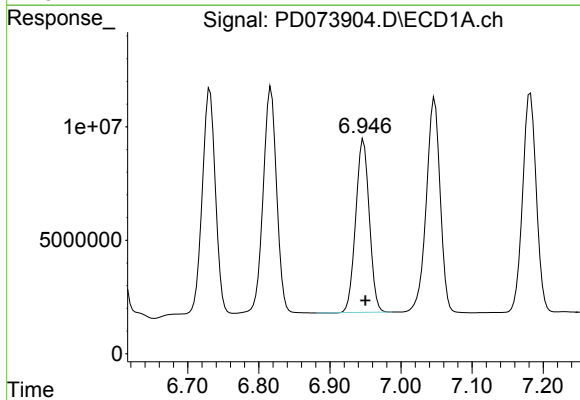
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



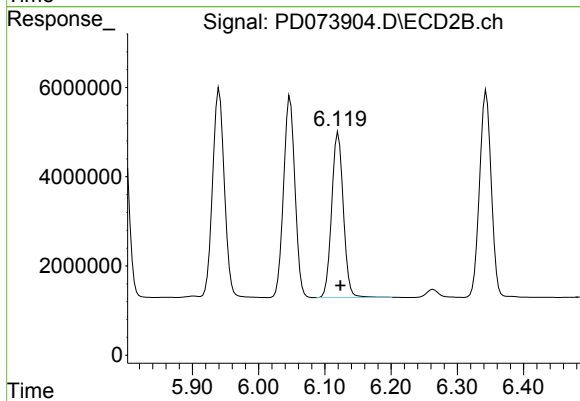
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 53710191
Conc: 52.14 ng/ml



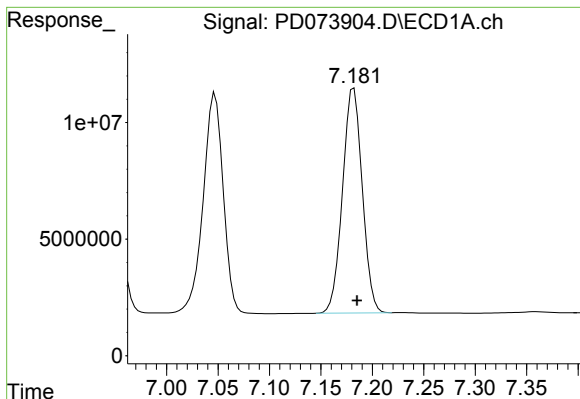
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 101316358
Conc: 46.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.003 min
Response: 45250084
Conc: 51.30 ng/ml



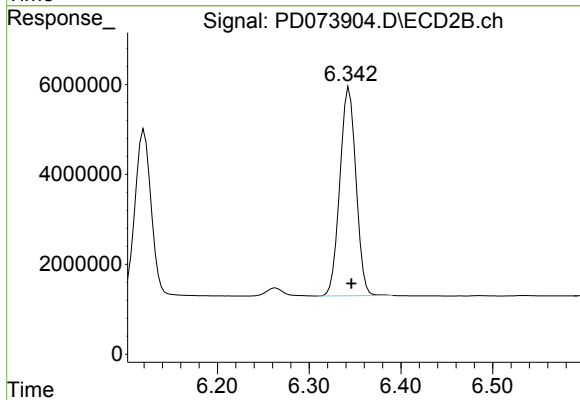
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.003 min
Response: 128960557
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

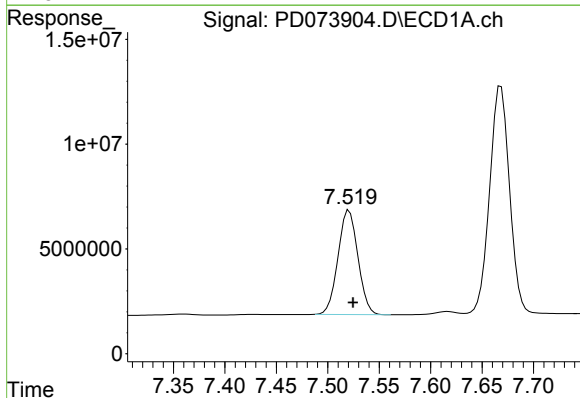
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



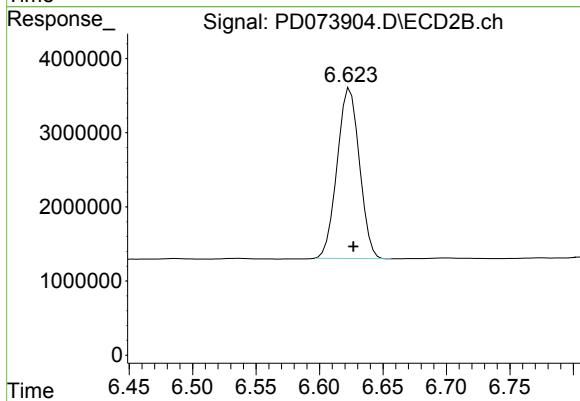
#19 Endosulfan Sulfate

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 56552697
Conc: 50.24 ng/ml



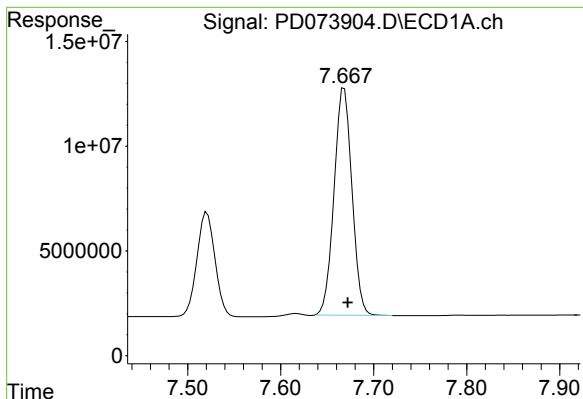
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: -0.004 min
Response: 67073571
Conc: 43.30 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 28063472
Conc: 53.62 ng/ml



#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: -0.004 min
Response: 144947259
Conc: 47.93 ng/ml

Instrument :

ECD_D

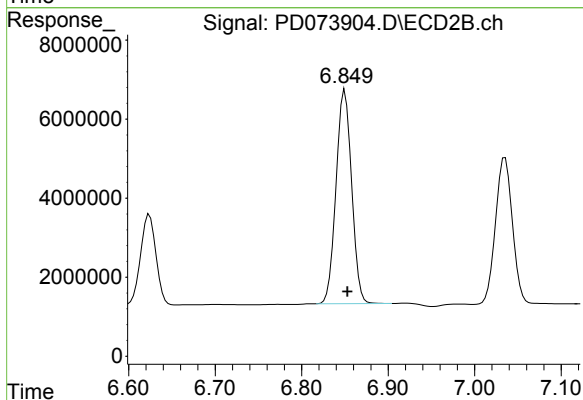
ClientSampleId :

PSTDCCC050

Manual Integrations

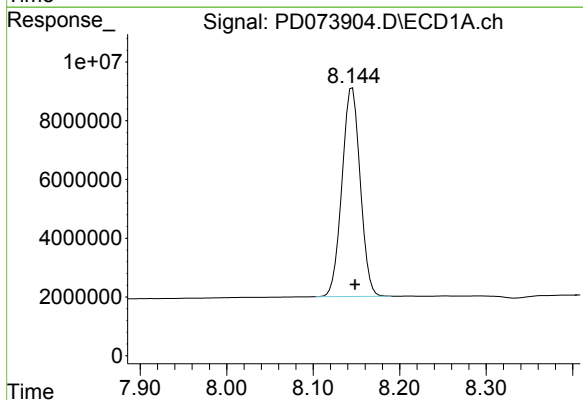
APPROVED

Reviewed By :Abdul Mirza 02/09/2023
Supervised By :Ankita Jodhani 02/09/2023



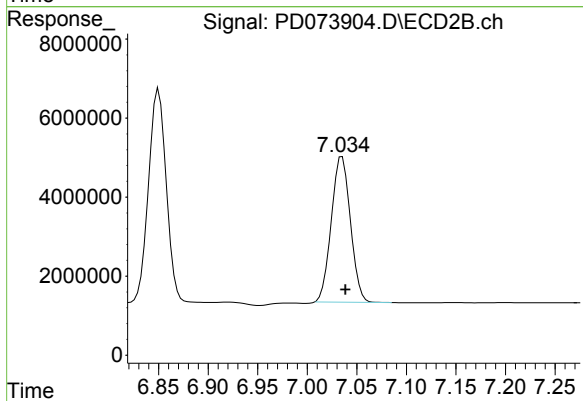
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 67453308
Conc: 52.65 ng/ml



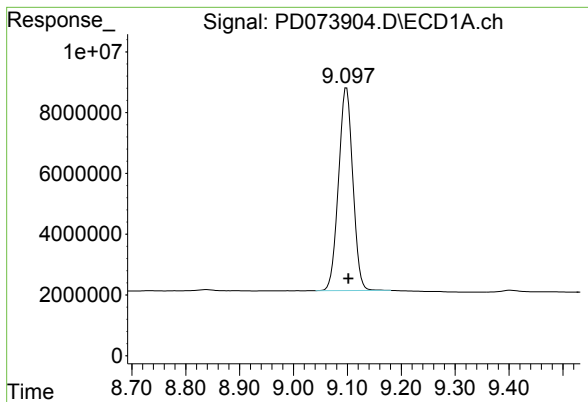
#22 Mirex

R.T.: 8.145 min
Delta R.T.: -0.003 min
Response: 103493900
Conc: 45.04 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 49269588
Conc: 46.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.003 min
Response: 122918533
Conc: 43.62 ng/ml

Instrument :

ECD_D

ClientSampleId :

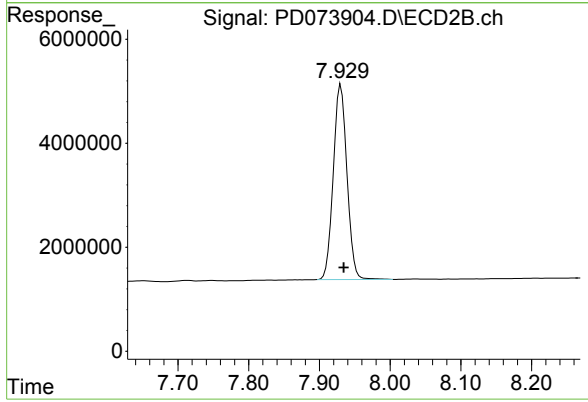
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/09/2023

Supervised By :Ankita Jodhani 02/09/2023



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 50409444
Conc: 43.33 ng/ml