

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 17:00
 Operator : AR\AJ
 Sample : PB149769BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149769BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:22:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.700	3.453	62637145	2386.5E6	29.887	24.266
28)	SA Decachlor...	7.826	8.902	84130226	572.1E6	34.747	32.457
Target Compounds							
2)	A alpha-BHC	3.204	3.918	175.1E6	5100.4E6	50.636	38.160
3)	MA gamma-BHC...	3.534	4.251	161.5E6	3842.6E6	58.716	38.944 #
4)	MA Heptachlor	3.865	4.817	173.5E6	2595.7E6	55.448	40.733 #
5)	MB Aldrin	4.144	5.155	156.1E6	2290.9E6	50.389	41.579
6)	B beta-BHC	3.836	4.467	66582934	1196.6E6	52.432	35.314 #
7)	B delta-BHC	4.065	4.710	165.9E6	2795.7E6	52.700	42.133
8)	B Heptachlo...	4.649	5.588	151.7E6	1875.5E6	54.718	42.070
9)	A Endosulfan I	5.018	5.972	142.8E6	1784.5E6	53.965	42.983
10)	B gamma-Chl...	4.897	5.840	156.4E6	1930.2E6	54.817	43.181m
11)	B alpha-Chl...	4.960	5.916	154.0E6	1871.2E6	54.674	42.759
12)	B 4,4'-DDE	5.148	6.090	150.1E6	1867.6E6	55.421	44.193
13)	MA Dieldrin	5.283	6.247	158.2E6	1928.7E6	56.073	45.911m
14)	MA Endrin	5.560	6.480	143.5E6	1446.4E6	55.898	44.026
15)	B Endosulfa...	5.858	6.710	131.3E6	1489.7E6	55.573	46.894
16)	A 4,4'-DDD	5.706	6.613	126.6E6	1411.7E6	56.132	45.183m
17)	MA 4,4'-DDT	5.955	6.923	128.2E6	1465.5E6	57.879	48.496
18)	B Endrin al...	6.039	6.841	104.3E6	1168.4E6	55.402	49.841
19)	B Endosulfa...	6.262	7.074	130.9E6	1330.5E6	55.082	48.629
20)	A Methoxychlor	6.537	7.403	79785946	693.4E6	59.863	51.228
21)	B Endrin ke...	6.771	7.564	147.3E6	1379.8E6	54.221	50.254
22)	Mirex	6.936	8.011	115.1E6	871.9E6	55.395	49.852

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 17:00
 Operator : AR\AJ
 Sample : PB149769BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

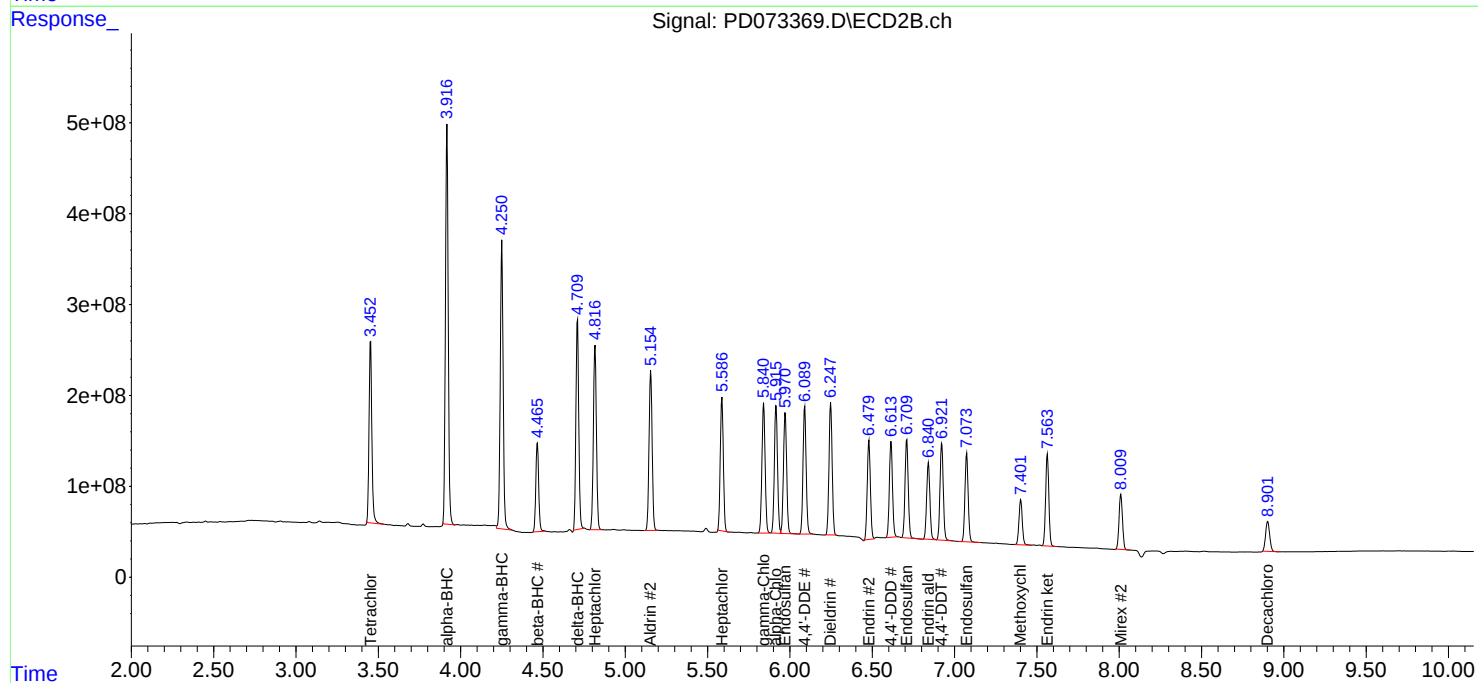
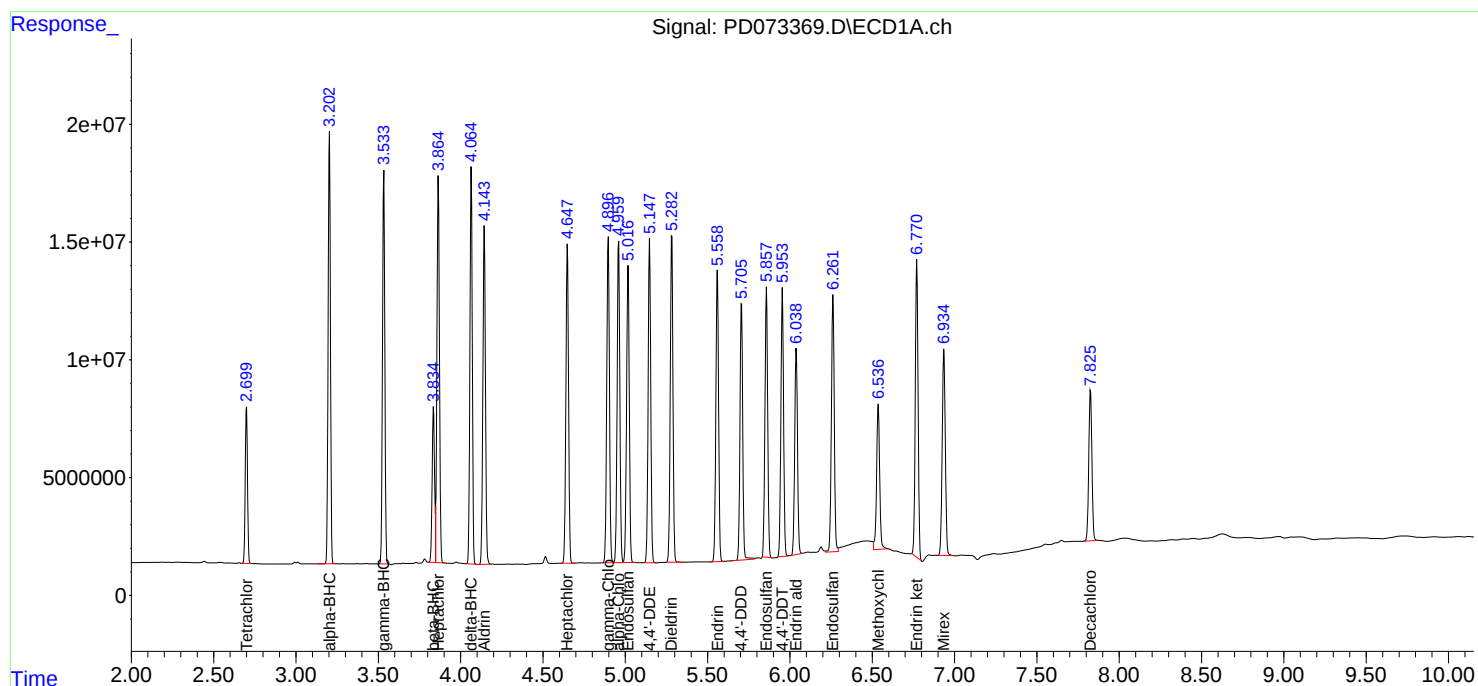
Instrument :
 ECD_D
 ClientSampleId :
 PB149769BS

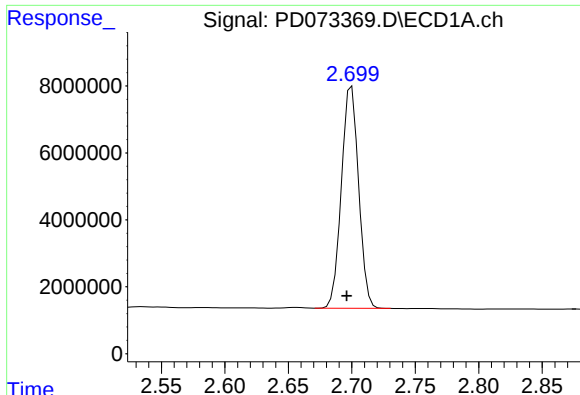
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 12/21/2022
 Supervised By :Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:22:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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





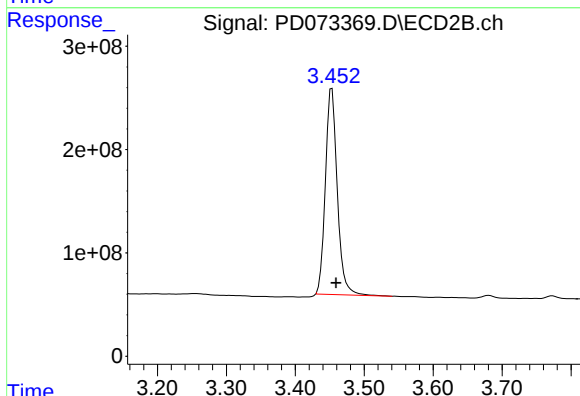
#1 Tetrachloro-m-xylene

R.T.: 2.700 min
Delta R.T.: 0.004 min
Response: 62637145
Conc: 29.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

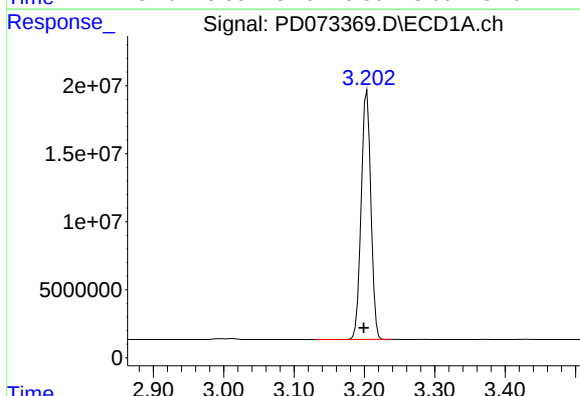
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



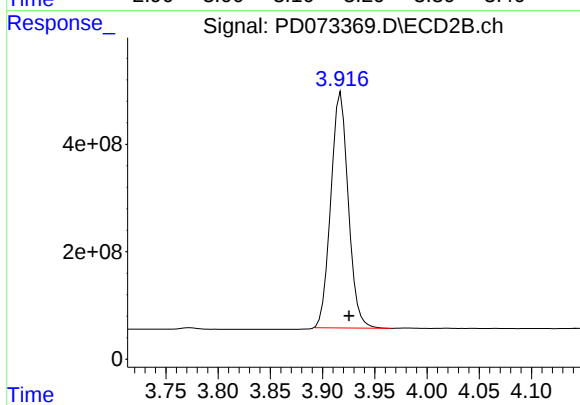
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: -0.006 min
Response: 2386471647
Conc: 24.27 ng/ml



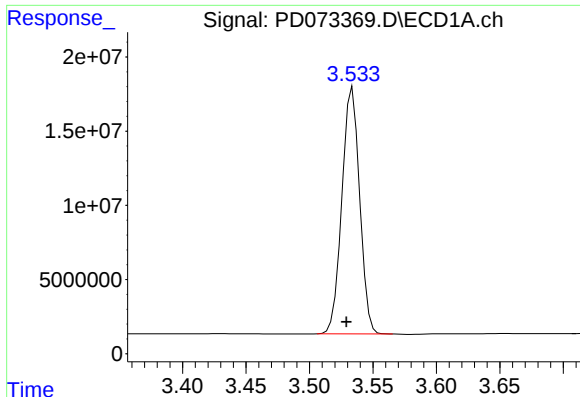
#2 alpha-BHC

R.T.: 3.204 min
Delta R.T.: 0.005 min
Response: 175145079
Conc: 50.64 ng/ml



#2 alpha-BHC

R.T.: 3.918 min
Delta R.T.: -0.008 min
Response: 5100372015
Conc: 38.16 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.534 min
Delta R.T.: 0.005 min
Response: 161451264
Conc: 58.72 ng/ml

Instrument :

ECD_D

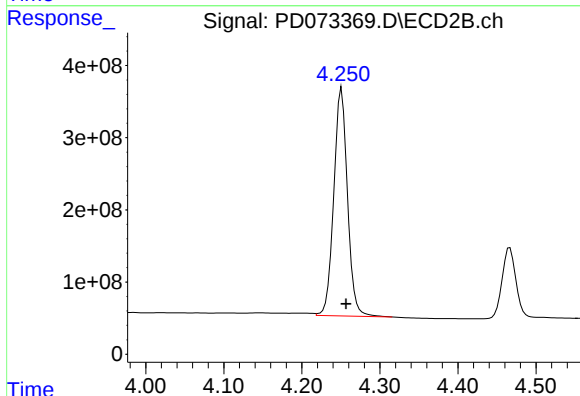
ClientSampleId :

PB149769BS

Manual Integrations

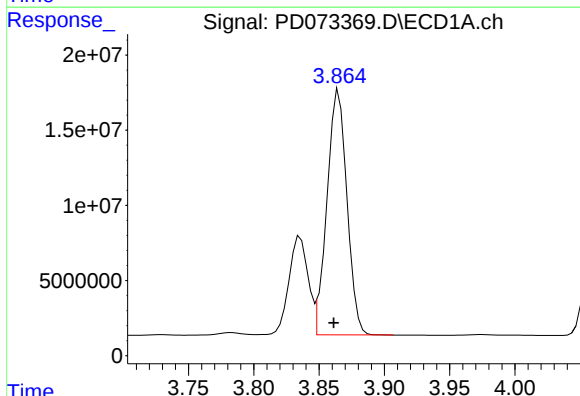
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



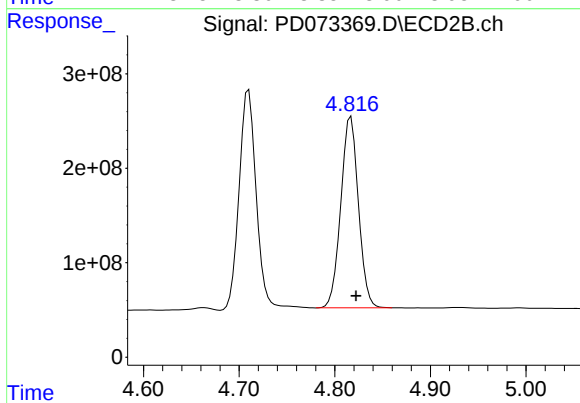
#3 gamma-BHC (Lindane)

R.T.: 4.251 min
Delta R.T.: -0.006 min
Response: 3842561750
Conc: 38.94 ng/ml



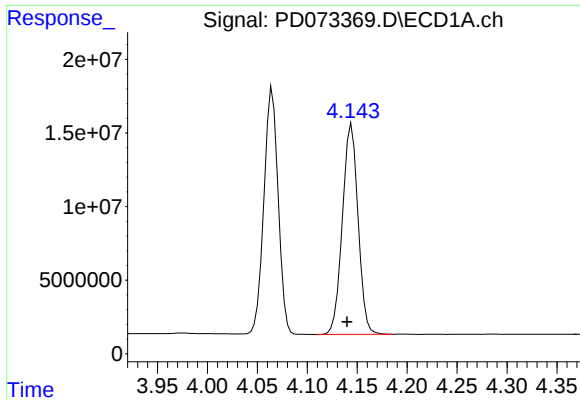
#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.004 min
Response: 173456068
Conc: 55.45 ng/ml



#4 Heptachlor

R.T.: 4.817 min
Delta R.T.: -0.006 min
Response: 2595697310
Conc: 40.73 ng/ml



#5 Aldrin

R.T.: 4.144 min
Delta R.T.: 0.005 min
Response: 156112475
Conc: 50.39 ng/ml

Instrument :

ECD_D

ClientSampleId :

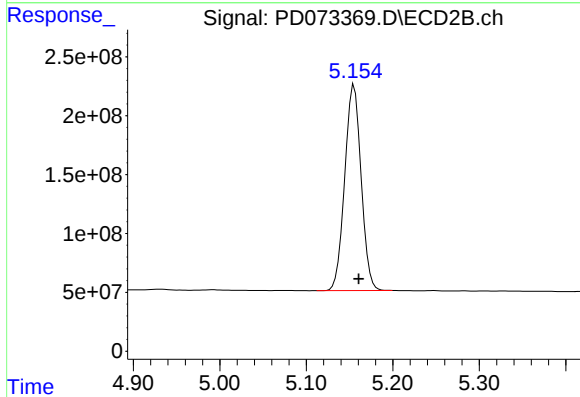
PB149769BS

Manual Integrations

APPROVED

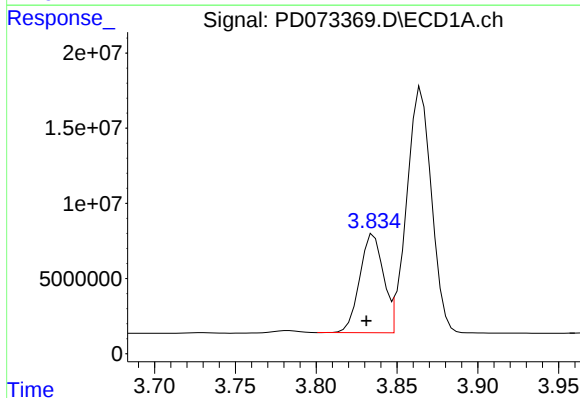
Reviewed By :Abdul Mirza 12/21/2022

Supervised By :Ankita Jodhani 12/21/2022



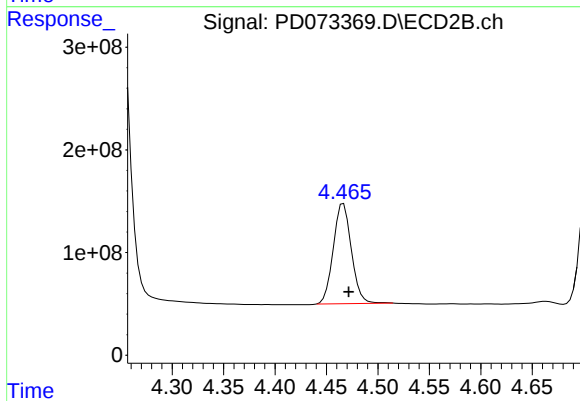
#5 Aldrin

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 2290945708
Conc: 41.58 ng/ml



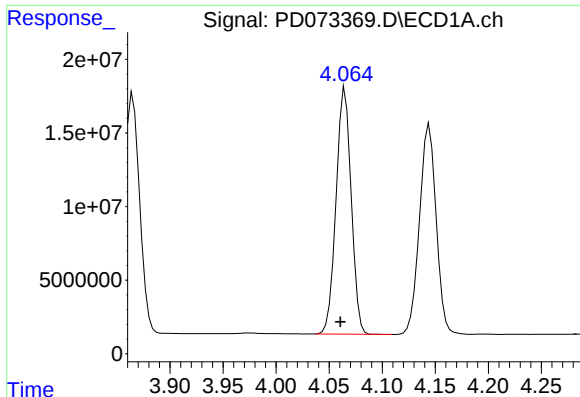
#6 beta-BHC

R.T.: 3.836 min
Delta R.T.: 0.004 min
Response: 66582934
Conc: 52.43 ng/ml



#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: -0.005 min
Response: 1196613462
Conc: 35.31 ng/ml



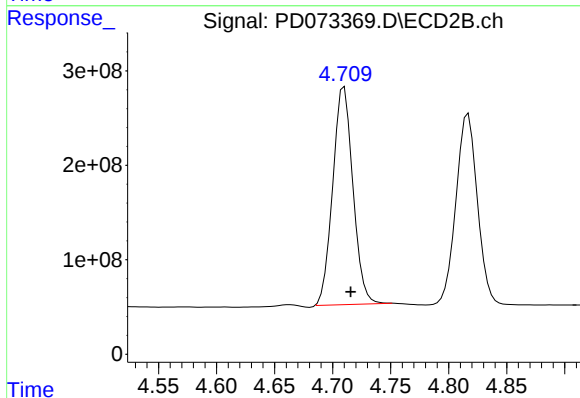
#7 delta-BHC

R.T.: 4.065 min
Delta R.T.: 0.005 min
Response: 165921806
Conc: 52.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

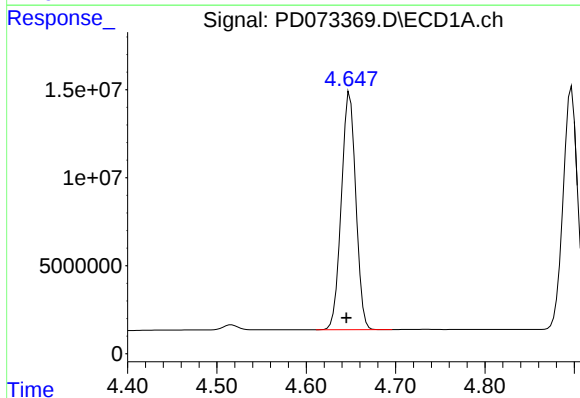
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



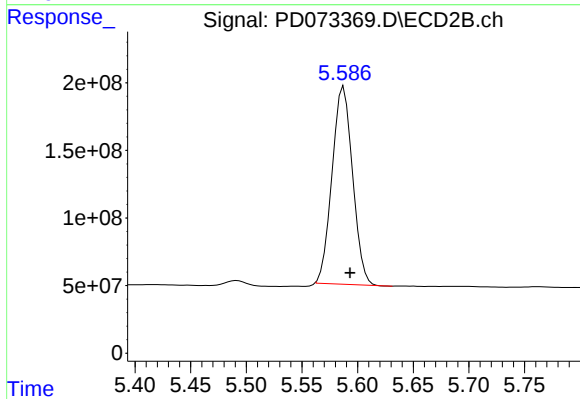
#7 delta-BHC

R.T.: 4.710 min
Delta R.T.: -0.006 min
Response: 2795660172
Conc: 42.13 ng/ml



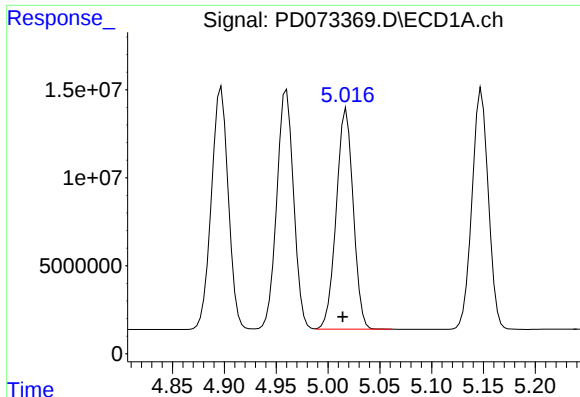
#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: 0.004 min
Response: 151657071
Conc: 54.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.588 min
Delta R.T.: -0.006 min
Response: 1875461471
Conc: 42.07 ng/ml



#9 Endosulfan I

R.T.: 5.018 min
Delta R.T.: 0.003 min
Response: 142821208
Conc: 53.96 ng/ml

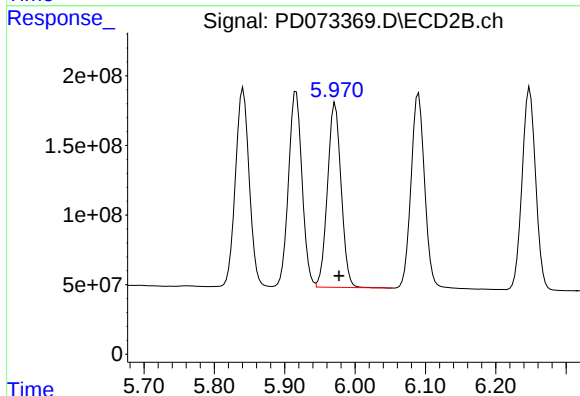
Instrument :

ECD_D

ClientSampleId :
PB149769BS

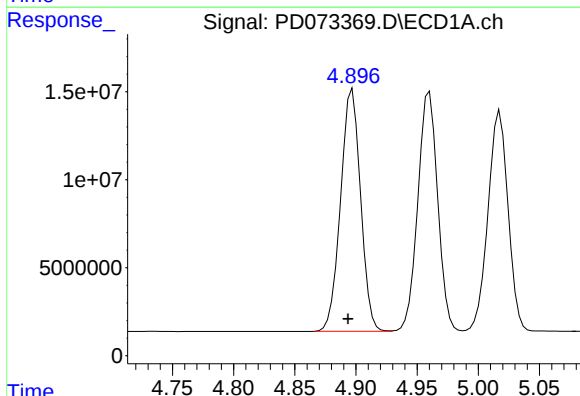
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



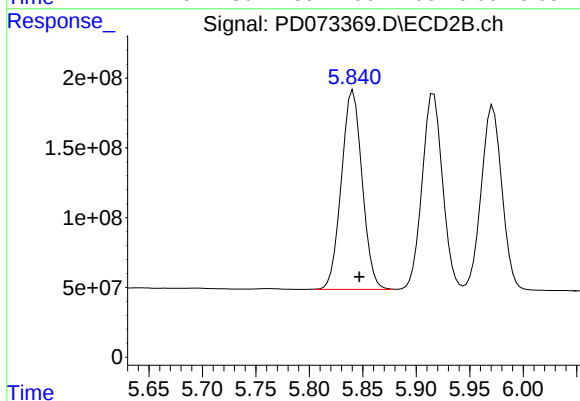
#9 Endosulfan I

R.T.: 5.972 min
Delta R.T.: -0.005 min
Response: 1784486604
Conc: 42.98 ng/ml



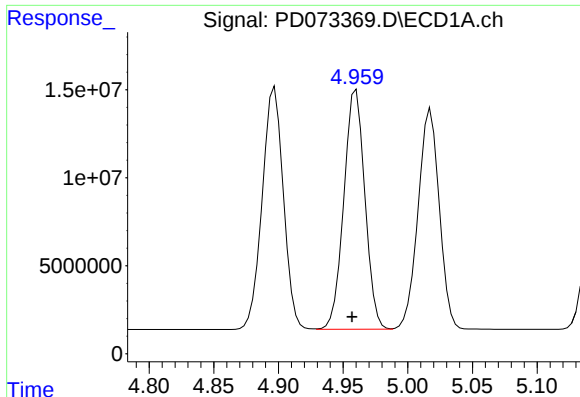
#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: 0.004 min
Response: 156412146
Conc: 54.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 1930163673
Conc: 43.18 ng/ml m



#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: 0.003 min
Response: 154028698
Conc: 54.67 ng/ml

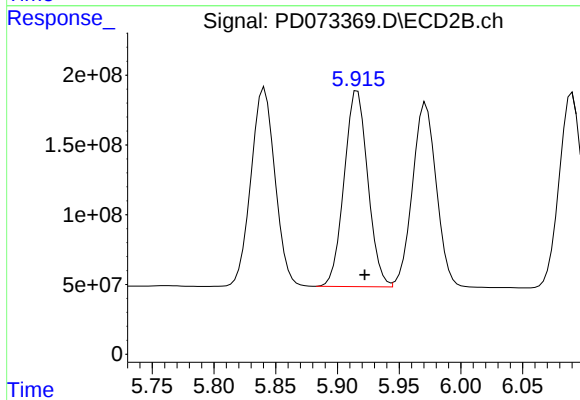
Instrument :

ECD_D

ClientSampleId :
PB149769BS

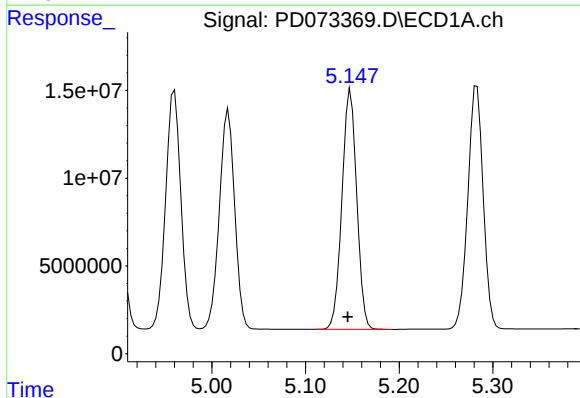
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



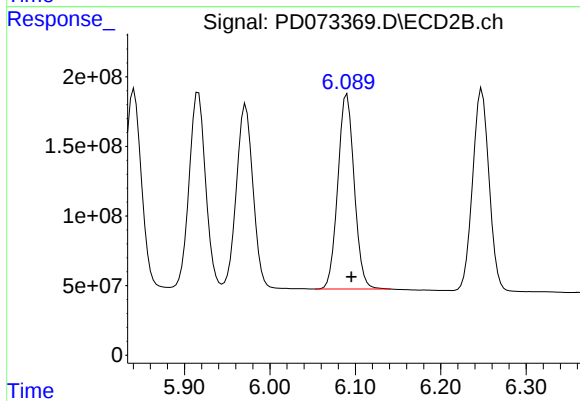
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.006 min
Response: 1871196440
Conc: 42.76 ng/ml



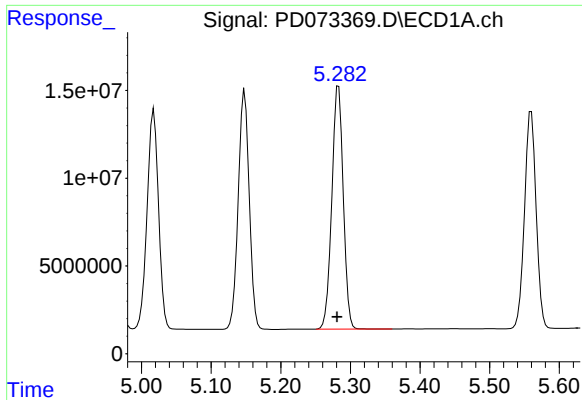
#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: 0.003 min
Response: 150068667
Conc: 55.42 ng/ml



#12 4,4'-DDE

R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 1867631105
Conc: 44.19 ng/ml



#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: 0.002 min
Response: 158238299
Conc: 56.07 ng/ml

Instrument :

ECD_D

ClientSampleId :

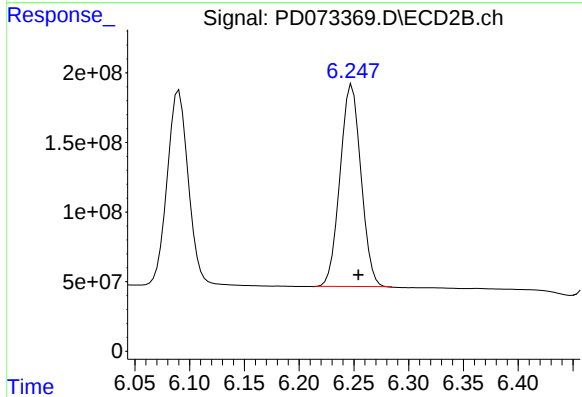
PB149769BS

Manual Integrations

APPROVED

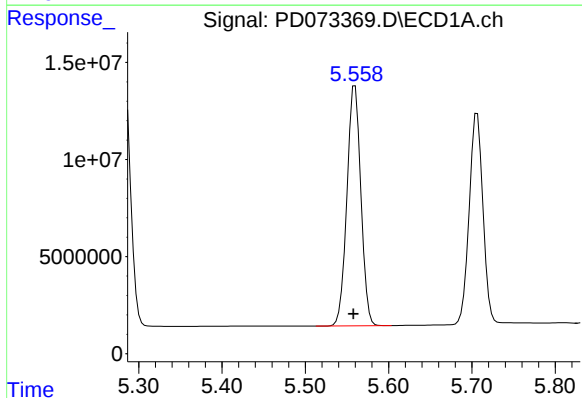
Reviewed By :Abdul Mirza 12/21/2022

Supervised By :Ankita Jodhani 12/21/2022



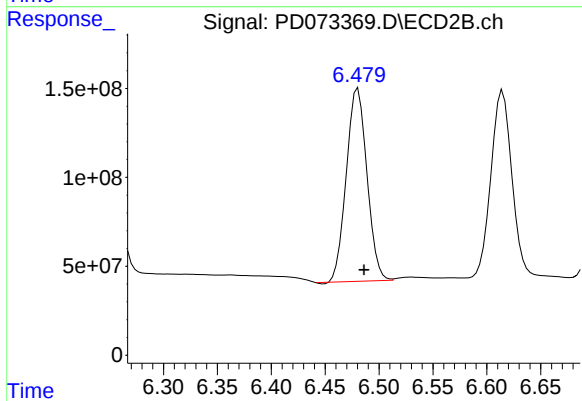
#13 Dieldrin

R.T.: 6.247 min
Delta R.T.: -0.007 min
Response: 1928706571
Conc: 45.91 ng/ml m



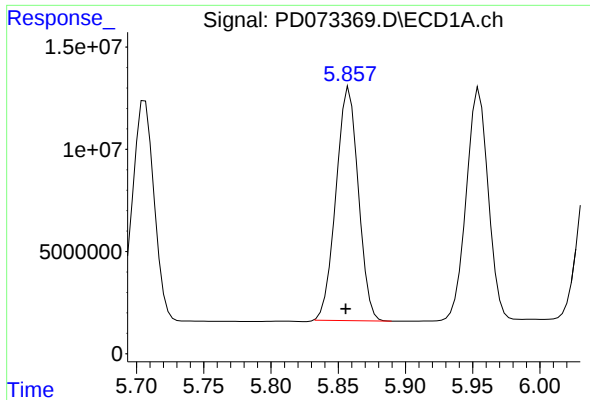
#14 Endrin

R.T.: 5.560 min
Delta R.T.: 0.002 min
Response: 143527446
Conc: 55.90 ng/ml



#14 Endrin

R.T.: 6.480 min
Delta R.T.: -0.006 min
Response: 1446412931
Conc: 44.03 ng/ml



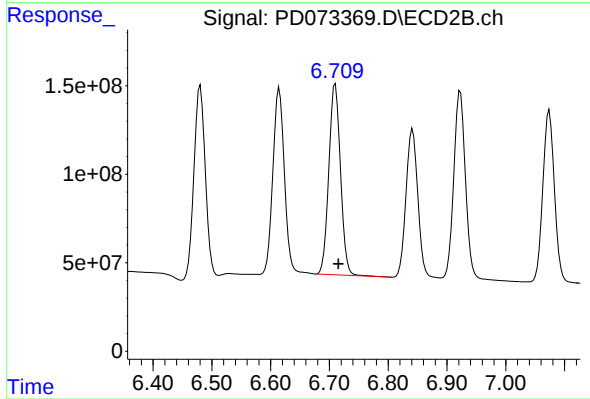
#15 Endosulfan II

R.T.: 5.858 min
Delta R.T.: 0.002 min
Response: 131297124
Conc: 55.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

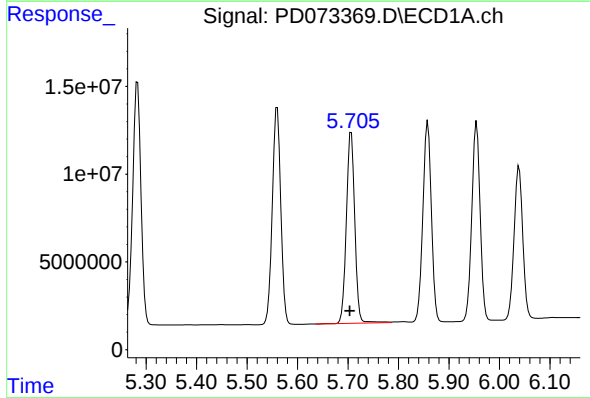
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



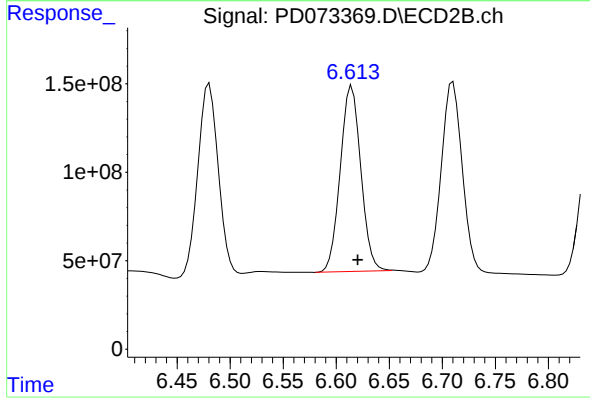
#15 Endosulfan II

R.T.: 6.710 min
Delta R.T.: -0.006 min
Response: 1489690625
Conc: 46.89 ng/ml



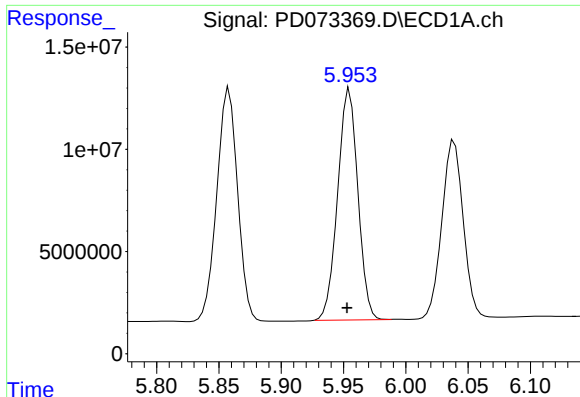
#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.003 min
Response: 126602756
Conc: 56.13 ng/ml



#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.007 min
Response: 1411662298
Conc: 45.18 ng/ml m



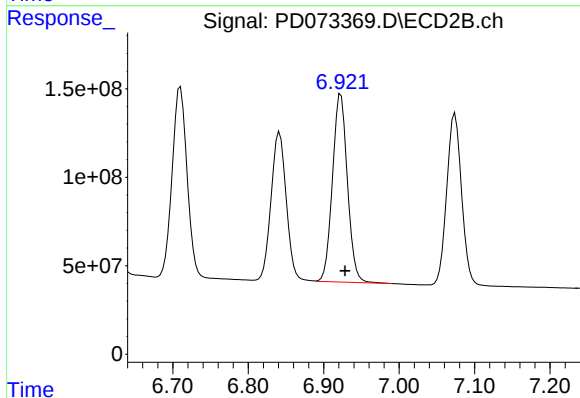
#17 4,4'-DDT

R.T.: 5.955 min
Delta R.T.: 0.002 min
Response: 128210937
Conc: 57.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

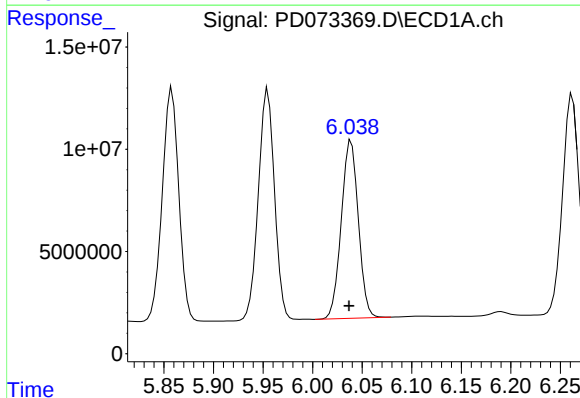
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



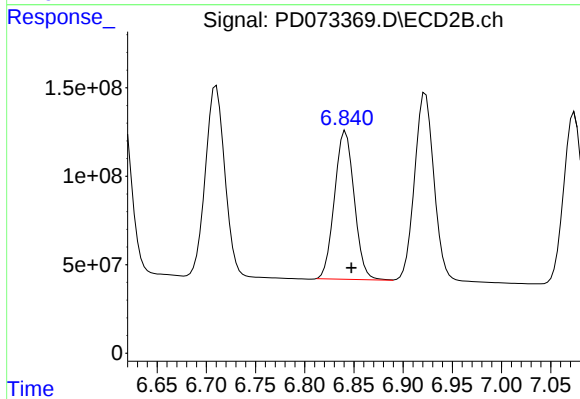
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1465520095
Conc: 48.50 ng/ml



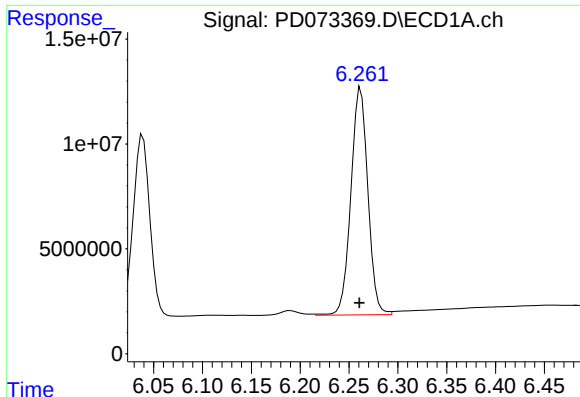
#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 104283596
Conc: 55.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 1168420667
Conc: 49.84 ng/ml



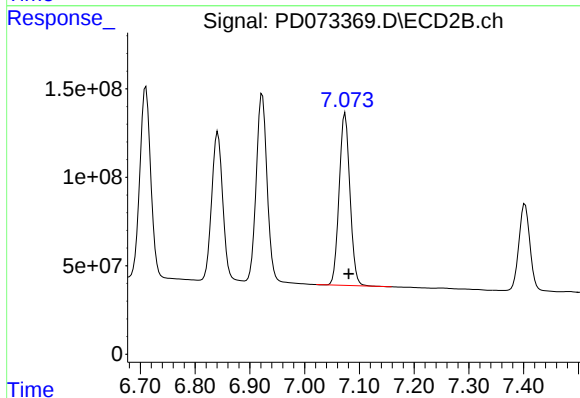
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: 0.001 min
Response: 130920883
Conc: 55.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

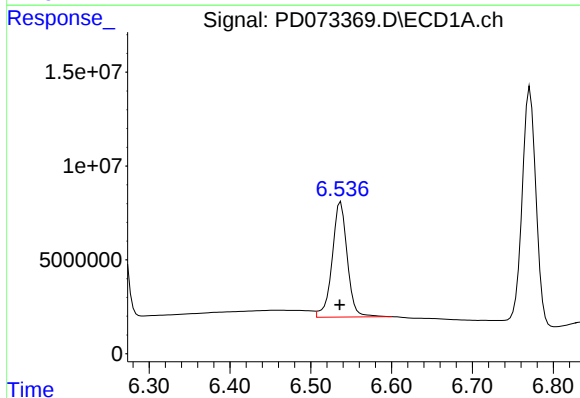
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



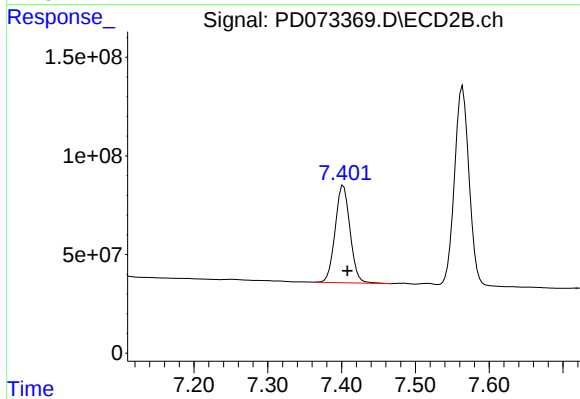
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.006 min
Response: 1330489722
Conc: 48.63 ng/ml



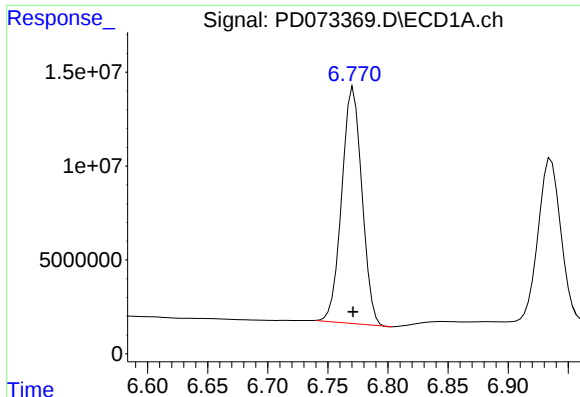
#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 79785946
Conc: 59.86 ng/ml



#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 693393374
Conc: 51.23 ng/ml



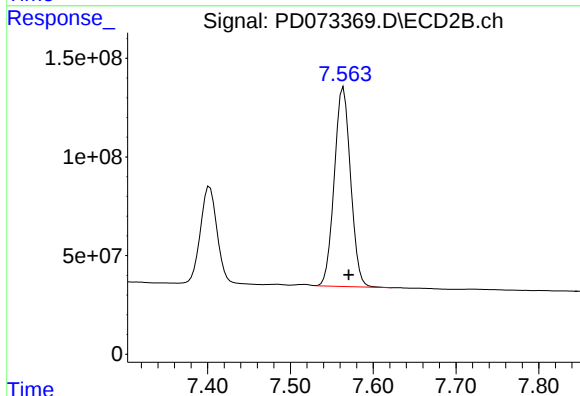
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 147343372
Conc: 54.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

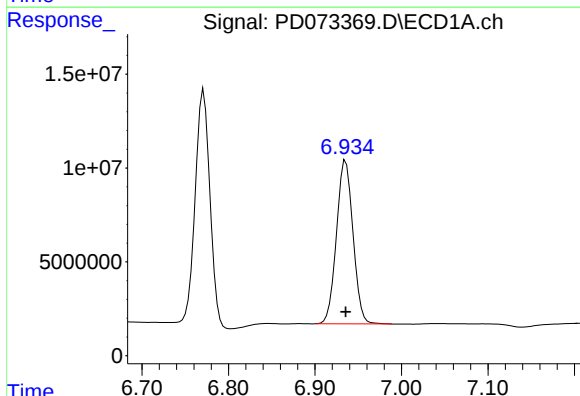
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



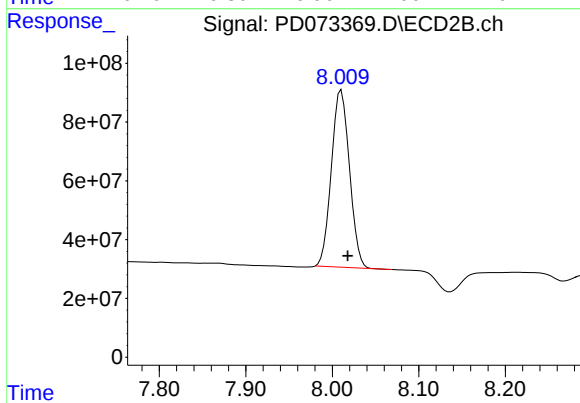
#21 Endrin ketone

R.T.: 7.564 min
Delta R.T.: -0.006 min
Response: 1379799312
Conc: 50.25 ng/ml



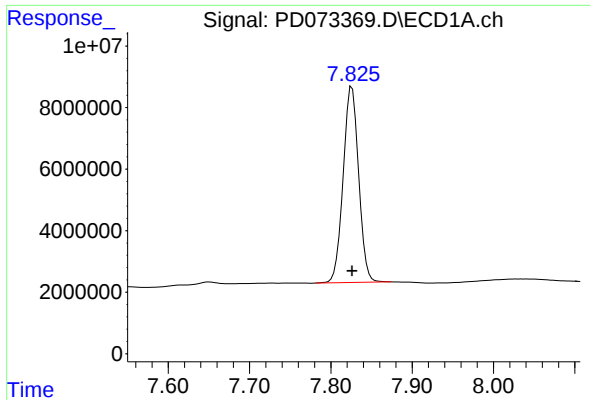
#22 Mirex

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 115145544
Conc: 55.39 ng/ml



#22 Mirex

R.T.: 8.011 min
Delta R.T.: -0.007 min
Response: 871929645
Conc: 49.85 ng/ml



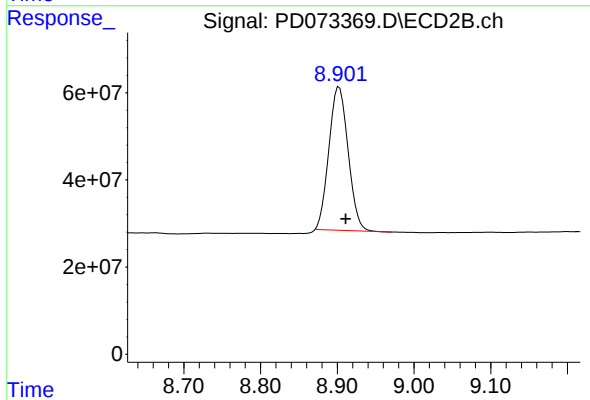
#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 84130226
Conc: 34.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149769BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.009 min
Response: 572133631
Conc: 32.46 ng/ml