

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
 Data File : PD077229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/17/2023
 Supervised By :Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 17:59:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.550	2.760	115.0E6	64412464	48.606	47.288
28)	SA Decachlor...	9.096	7.907	136.3E6	65942022	49.728	46.078
Target Compounds							
2)	A alpha-BHC	4.008	3.263	195.1E6	96021334	50.809	49.640
3)	MA gamma-BHC...	4.341	3.593	183.6E6	92376038	49.881	49.655
4)	MA Heptachlor	4.932	3.933	183.0E6	90616100	50.753m	49.880
5)	MB Aldrin	5.276	4.213	187.4E6	92041253	50.706	49.708
6)	B beta-BHC	4.539	3.891	71198887	35382641	47.313	46.379
7)	B delta-BHC	4.788	4.121	179.5E6	87528095	51.451	49.194
8)	B Heptachlo...	5.703	4.716	163.5E6	80539034	49.364	48.162
9)	A Endosulfan I	6.091	5.086	150.9E6	73386187	49.638	47.044
10)	B gamma-Chl...	5.960	4.967	162.3E6	79263391	49.879	47.783
11)	B alpha-Chl...	6.039	5.031	162.9E6	79881721	49.677	47.834
12)	B 4,4'-DDE	6.212	5.220	145.1E6	66929903	48.924	46.153
13)	MA Dieldrin	6.366	5.352	165.2E6	81979619	50.469	48.665
14)	MA Endrin	6.596	5.627	133.4E6	70454903	48.007	48.150
15)	B Endosulfa...	6.817	5.922	136.9E6	68647372	43.027	46.571
16)	A 4,4'-DDD	6.731	5.775	116.7E6	51791199	49.619	46.572
17)	MA 4,4'-DDT	7.044	6.026	121.6E6	54992663	50.002m	49.472
18)	B Endrin al...	6.947	6.101	106.4E6	54532332	48.710	47.903
19)	B Endosulfa...	7.181	6.325	128.2E6	63945442	49.191	47.946
20)	A Methoxychlor	7.522	6.602	68612488	28668709	48.425	47.946
21)	B Endrin ke...	7.669	6.832	152.4E6	77221252	50.587	48.705
22)	Mirex	8.143	7.013	113.3E6	62621365	49.670	48.364

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
Data File : PD077229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2023 13:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

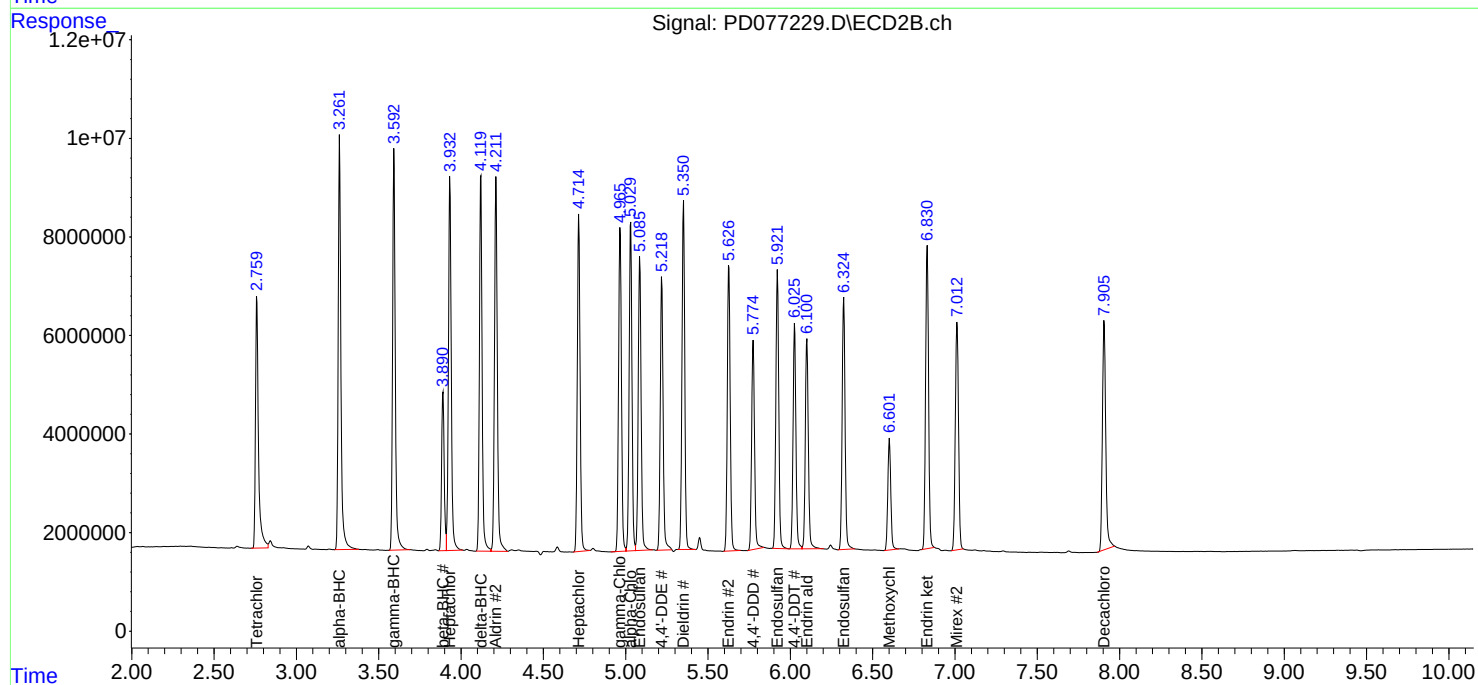
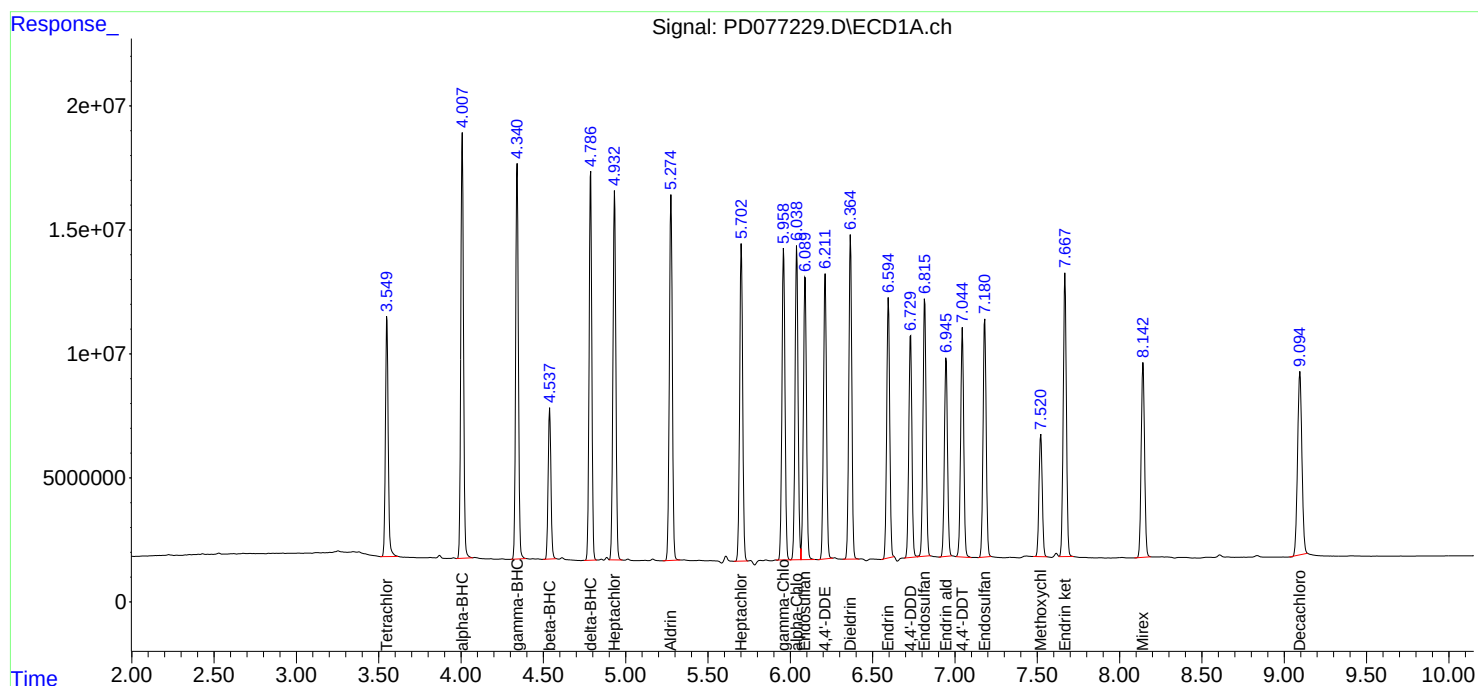
APPROVED

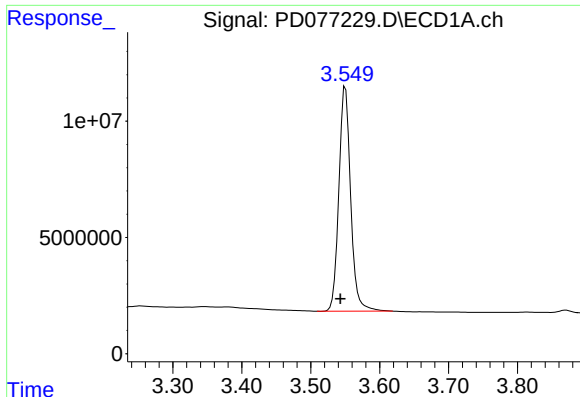
Reviewed By :Abdul Mirza 08/17/2023

Supervised By :Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 17:59:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 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





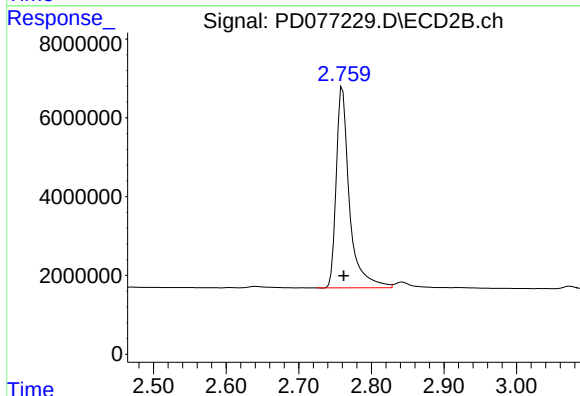
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.007 min
Response: 115024617
Conc: 48.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

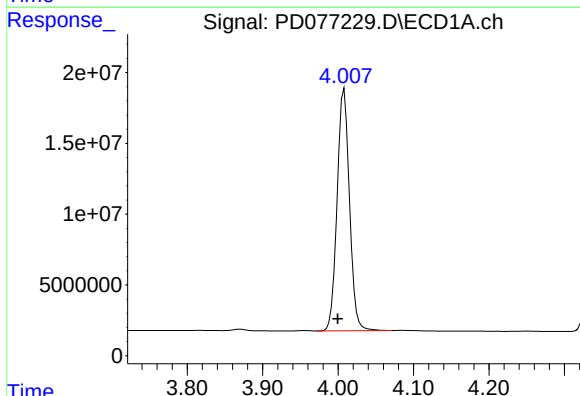
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



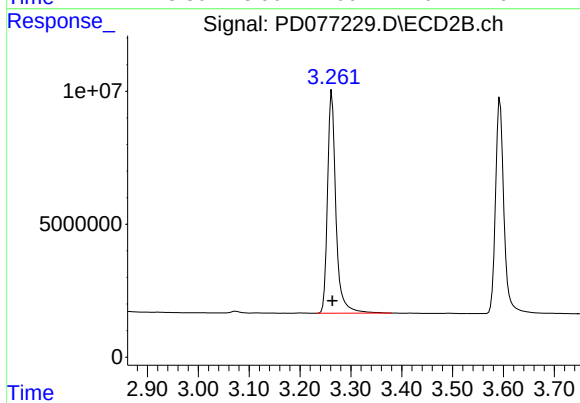
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 64412464
Conc: 47.29 ng/ml



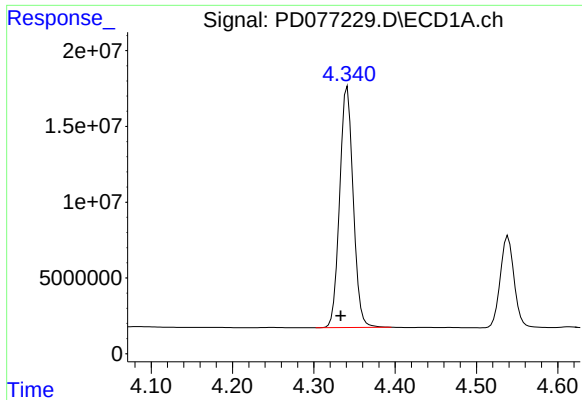
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.009 min
Response: 195090305
Conc: 50.81 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: -0.001 min
Response: 96021334
Conc: 49.64 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.008 min
Response: 183597797
Conc: 49.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

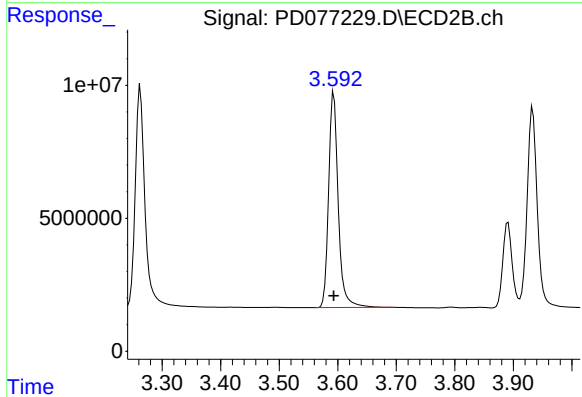
PSTDCCC050

Manual Integrations

APPROVED

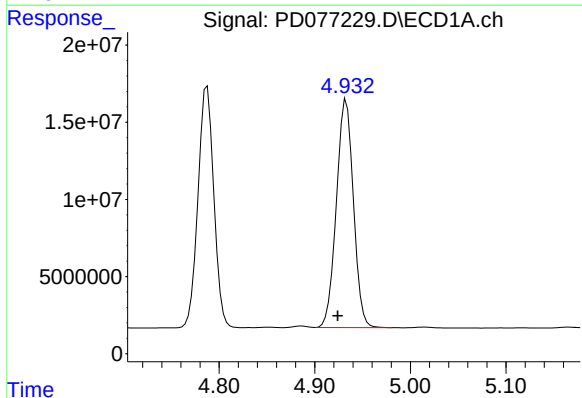
Reviewed By :Abdul Mirza 08/17/2023

Supervised By :Ankita Jodhani 08/17/2023



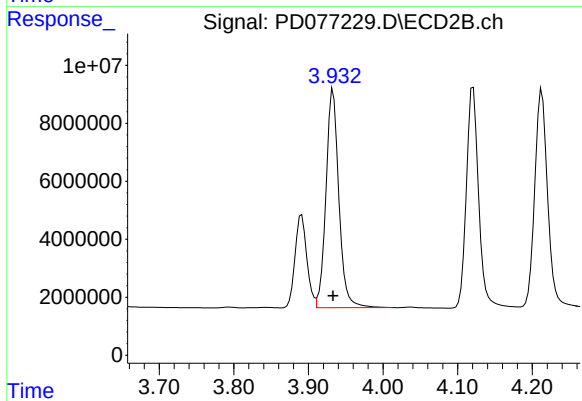
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 92376038
Conc: 49.66 ng/ml



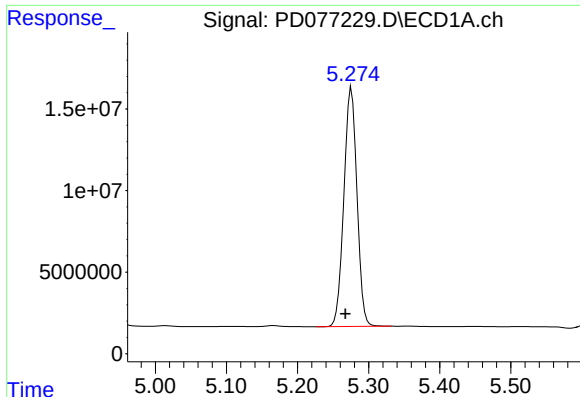
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.007 min
Response: 183017575
Conc: 50.75 ng/ml m



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 90616100
Conc: 49.88 ng/ml



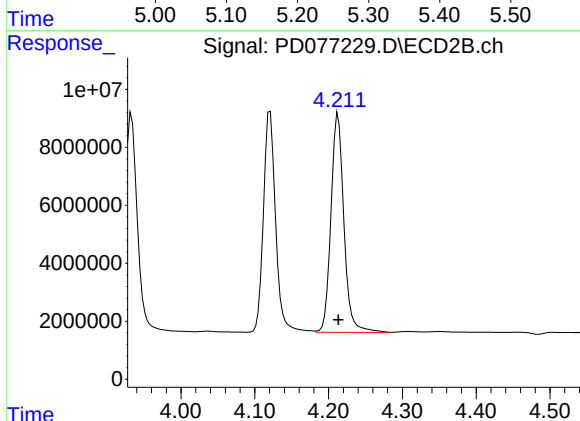
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.008 min
Response: 187388792
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

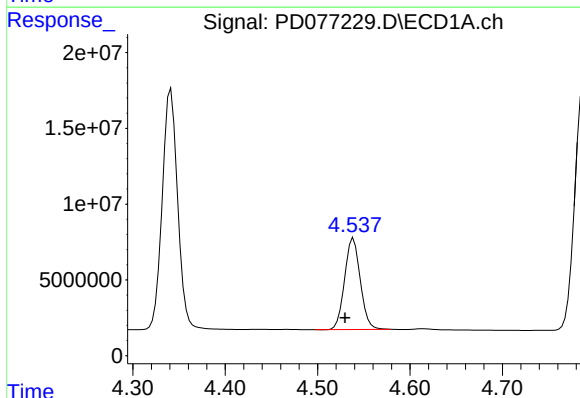
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



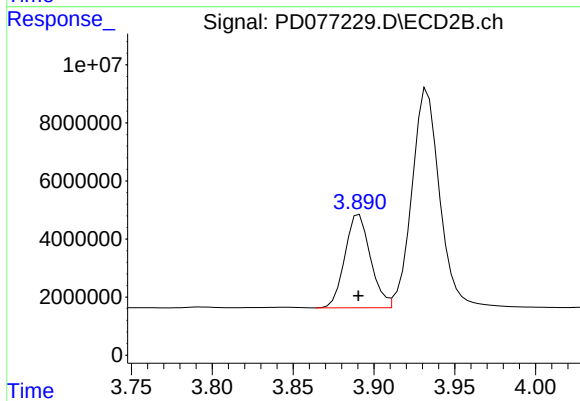
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 92041253
Conc: 49.71 ng/ml



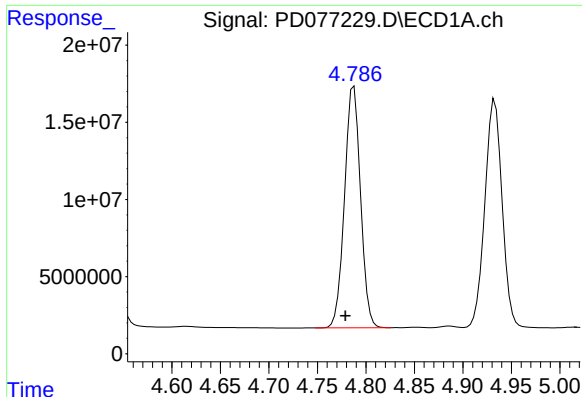
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.009 min
Response: 71198887
Conc: 47.31 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 35382641
Conc: 46.38 ng/ml



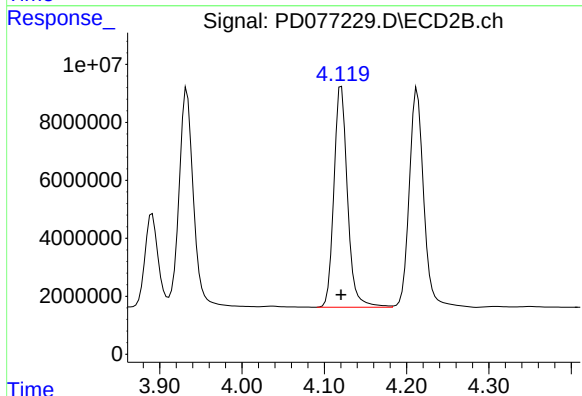
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.009 min
Response: 179493231
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

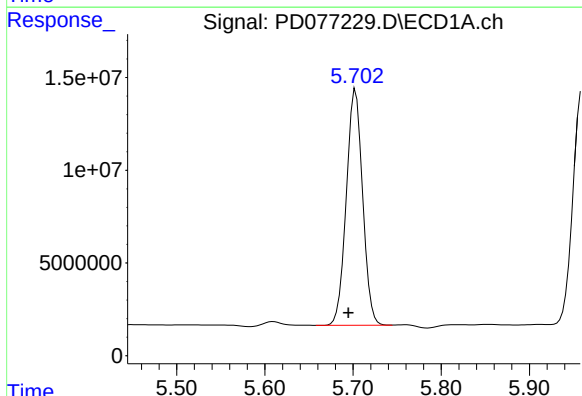
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



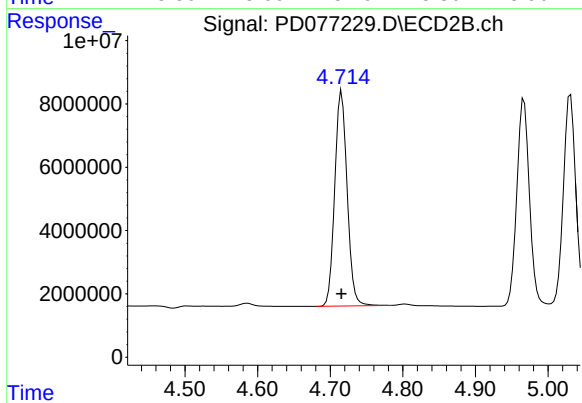
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 87528095
Conc: 49.19 ng/ml



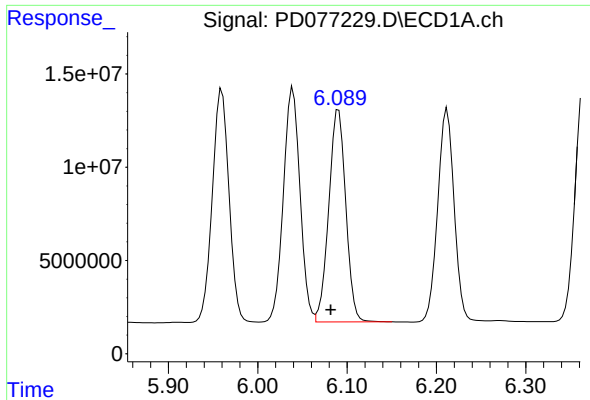
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.008 min
Response: 163453371
Conc: 49.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 80539034
Conc: 48.16 ng/ml



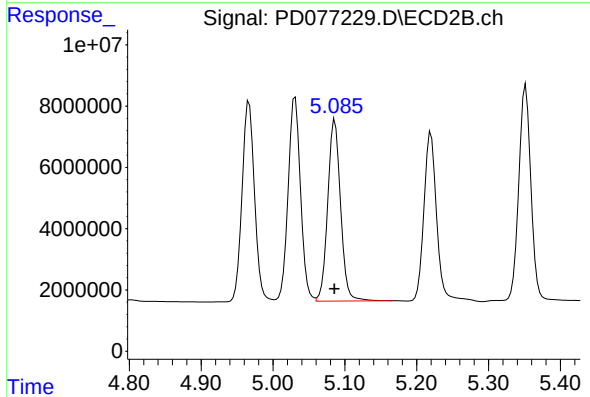
#9 Endosulfan I

R.T.: 6.091 min
Delta R.T.: 0.009 min
Response: 150856989
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

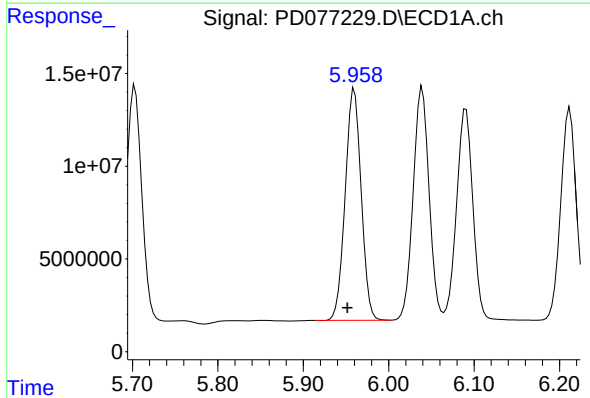
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



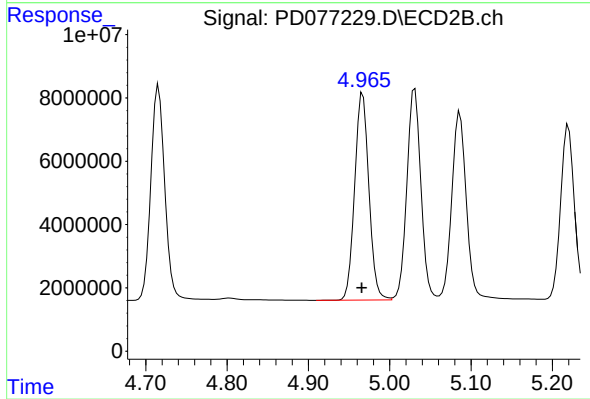
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 73386187
Conc: 47.04 ng/ml



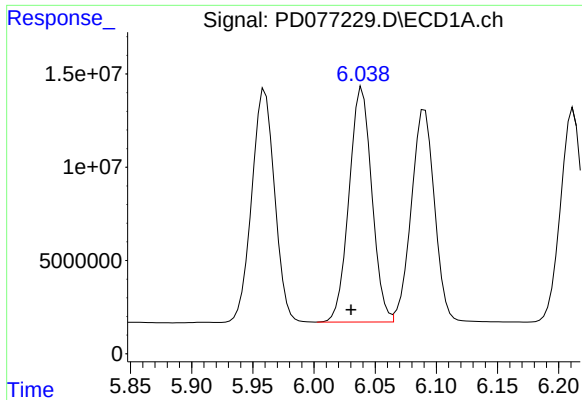
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.008 min
Response: 162338884
Conc: 49.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.001 min
Response: 79263391
Conc: 47.78 ng/ml



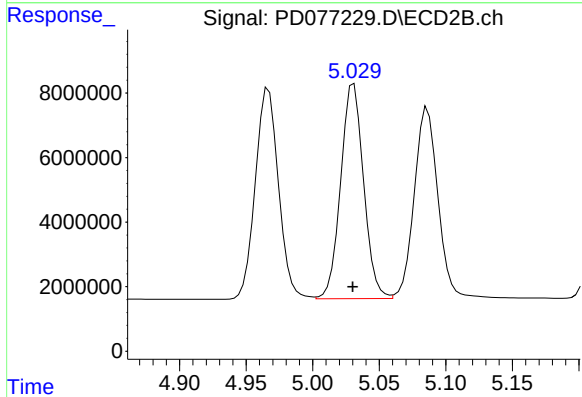
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.009 min
Response: 162897354
Conc: 49.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

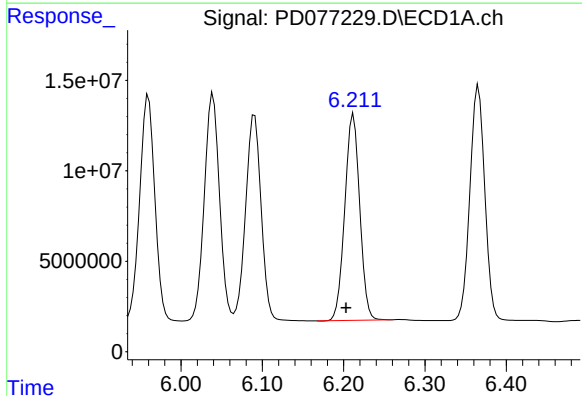
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



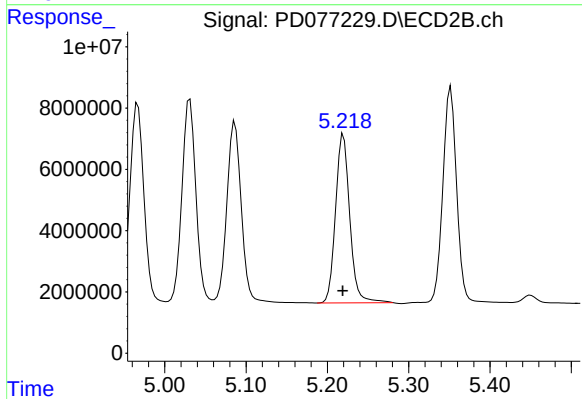
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 79881721
Conc: 47.83 ng/ml



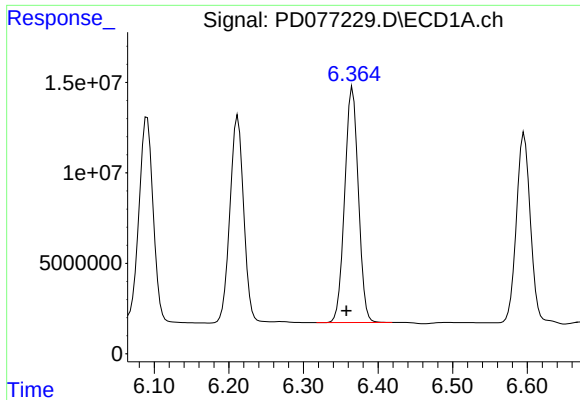
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.009 min
Response: 145130603
Conc: 48.92 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 66929903
Conc: 46.15 ng/ml



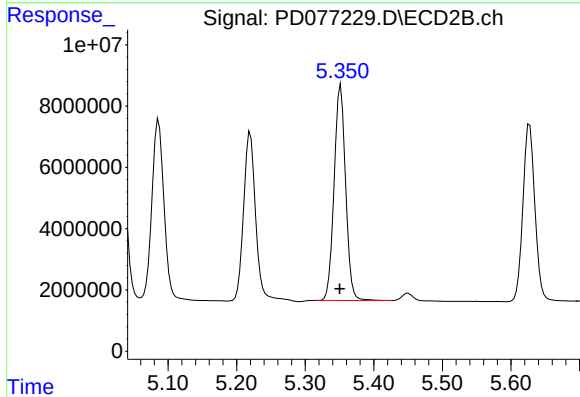
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.008 min
Response: 165222302
Conc: 50.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

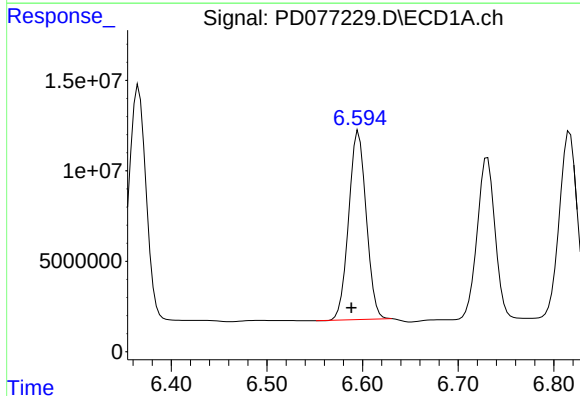
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



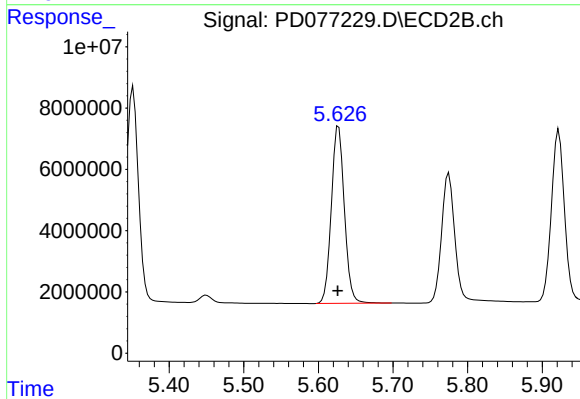
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.001 min
Response: 81979619
Conc: 48.67 ng/ml



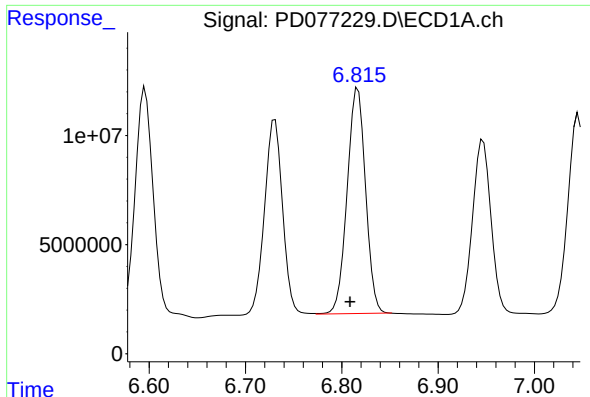
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 133396128
Conc: 48.01 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 70454903
Conc: 48.15 ng/ml



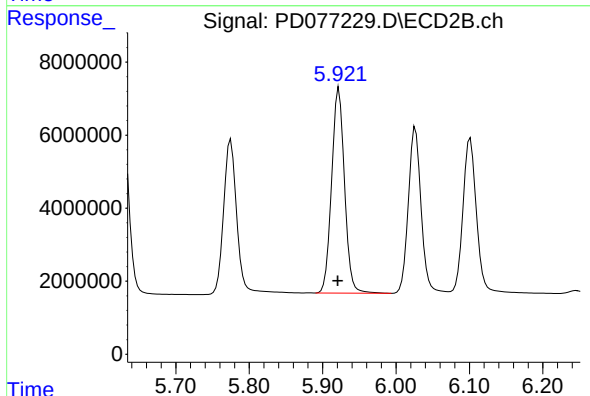
#15 Endosulfan II

R.T.: 6.817 min
Delta R.T.: 0.008 min
Response: 136901674
Conc: 43.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

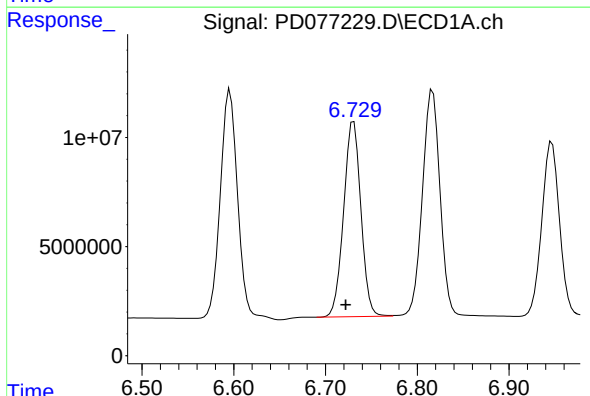
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



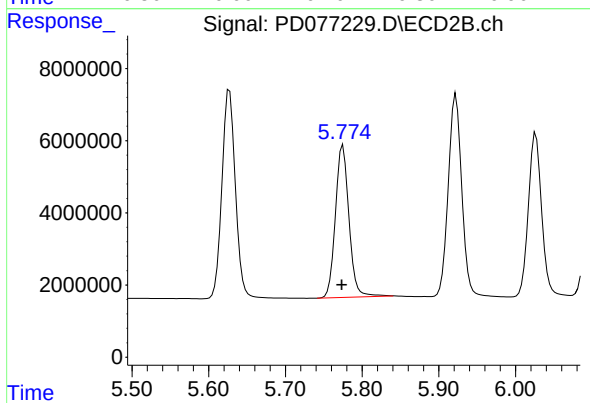
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 68647372
Conc: 46.57 ng/ml



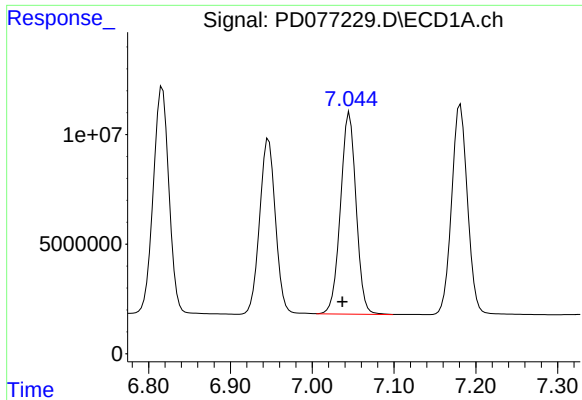
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.009 min
Response: 116733856
Conc: 49.62 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 51791199
Conc: 46.57 ng/ml



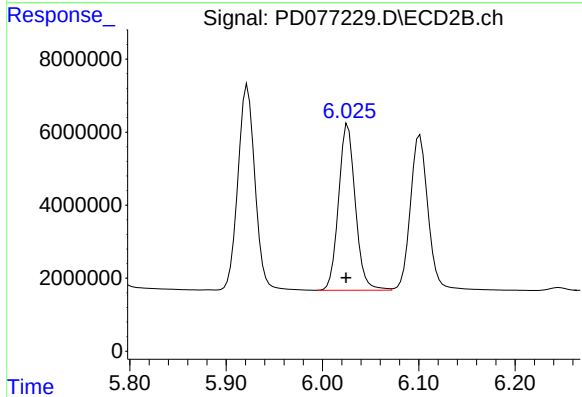
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 121587112
Conc: 50.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

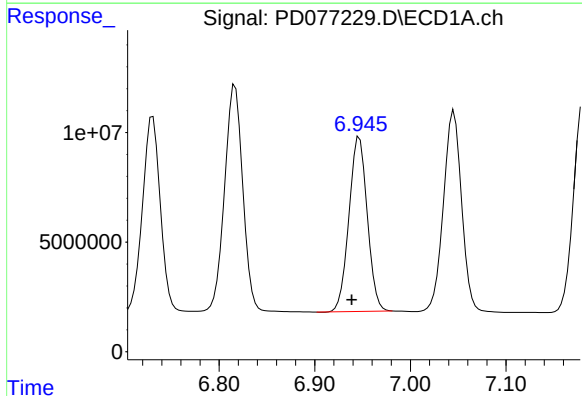
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



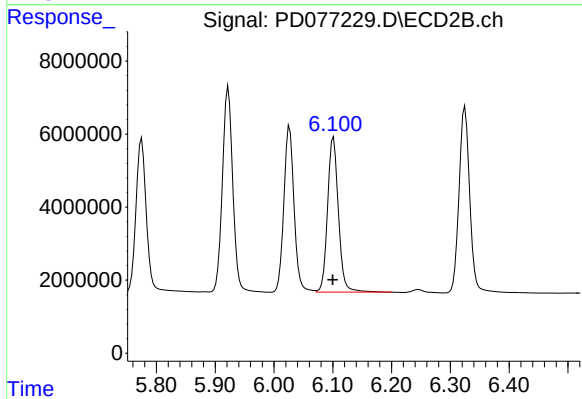
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 54992663
Conc: 49.47 ng/ml



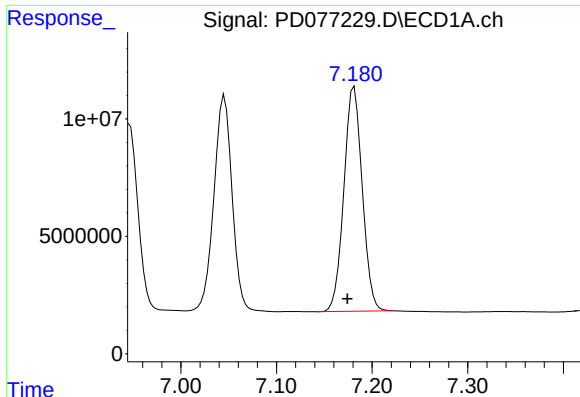
#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.008 min
Response: 106408307
Conc: 48.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 54532332
Conc: 47.90 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.007 min
Response: 128163282
Conc: 49.19 ng/ml

Instrument :

ECD_D

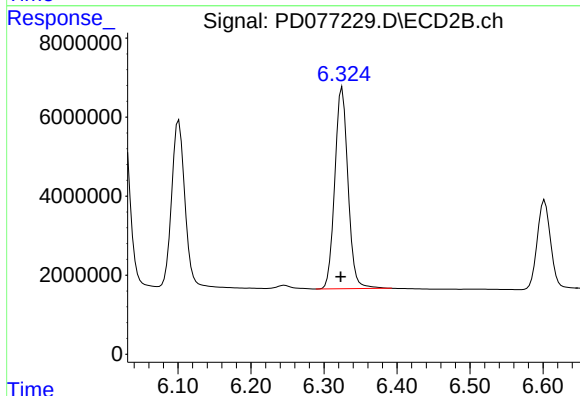
ClientSampleId :

PSTDCCC050

Manual Integrations

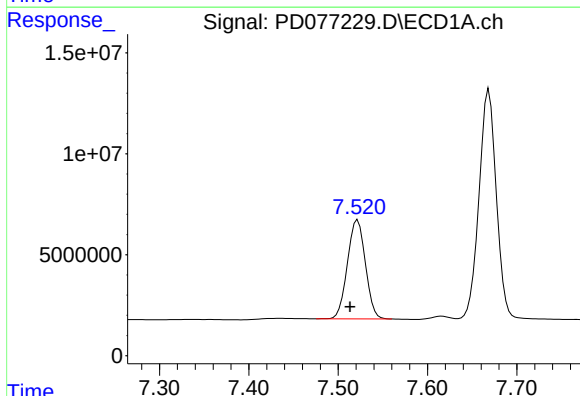
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



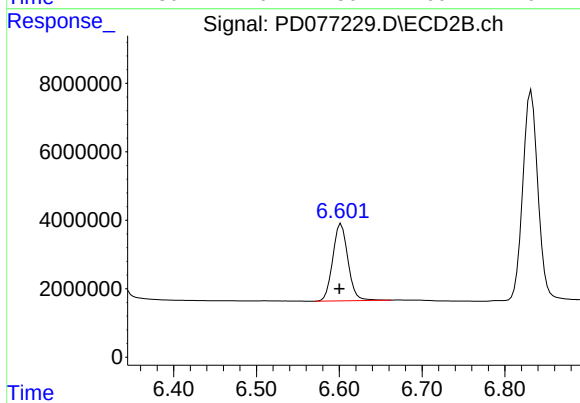
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 63945442
Conc: 47.95 ng/ml



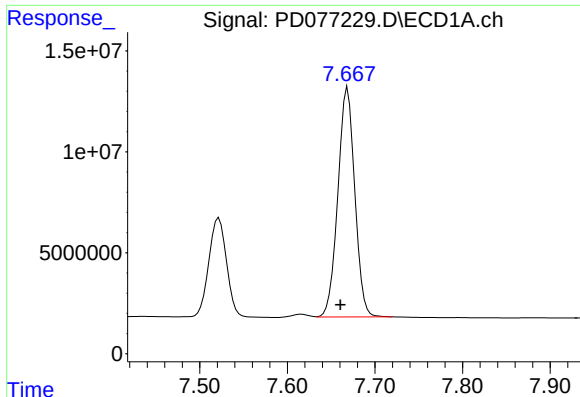
#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: 0.009 min
Response: 68612488
Conc: 48.43 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 28668709
Conc: 47.95 ng/ml



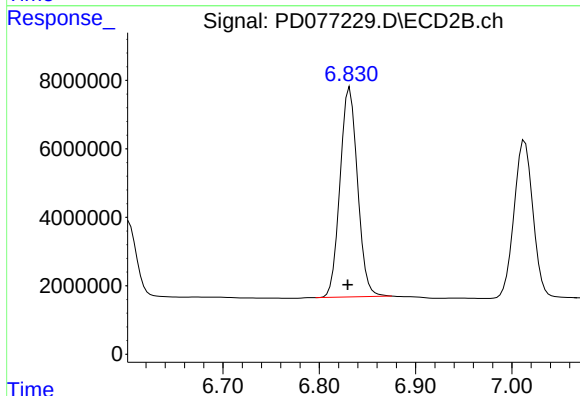
#21 Endrin ketone

R.T.: 7.669 min
Delta R.T.: 0.008 min
Response: 152354711
Conc: 50.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

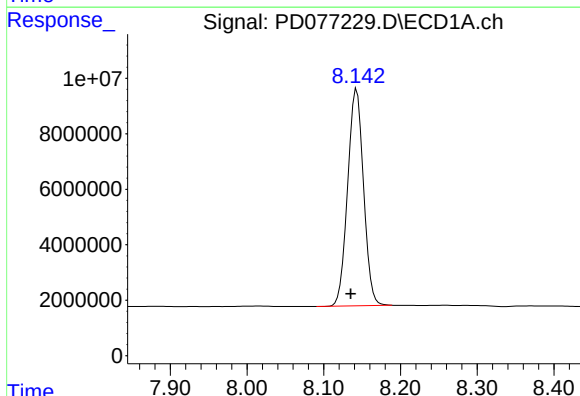
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



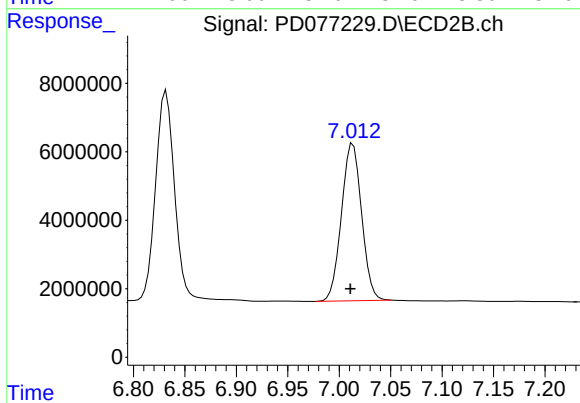
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.002 min
Response: 77221252
Conc: 48.70 ng/ml



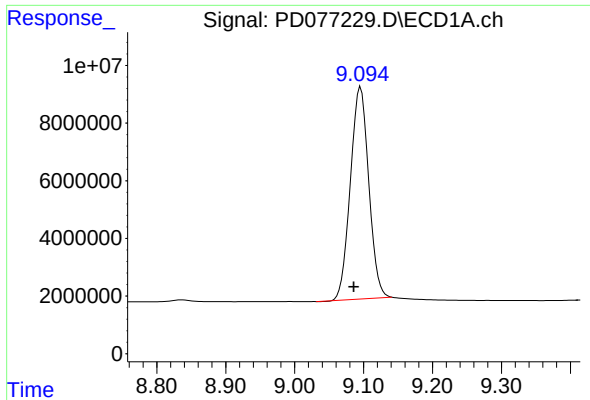
#22 Mirex

R.T.: 8.143 min
Delta R.T.: 0.008 min
Response: 113292436
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 62621365
Conc: 48.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: 0.010 min
Response: 136263083
Conc: 49.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

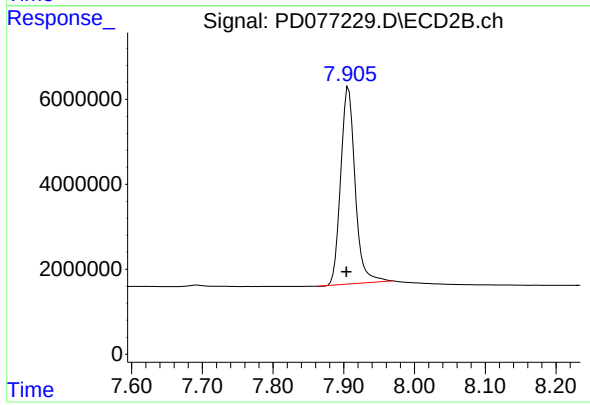
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/17/2023

Supervised By :Ankita Jodhani 08/17/2023



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 65942022
Conc: 46.08 ng/ml