

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074847.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 20:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Supervised By :Ankita
 Jodhani
 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 22:02:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.547	2.767	125.7E6	63038624	52.694	48.359
28)	SA Decachlor...	9.088	7.917	137.5E6	58050227	45.280	43.521
Target Compounds							
2)	A alpha-BHC	4.004	3.271	225.8E6	100.8E6	54.300	51.604
3)	MA gamma-BHC...	4.337	3.601	206.6E6	94944885	53.228	52.316
4)	MA Heptachlor	4.929	3.942	211.9E6	95172086	54.189	51.455
5)	MB Aldrin	5.272	4.223	207.7E6	94756000	54.040	51.254
6)	B beta-BHC	4.532	3.897	84505351	41221926	50.374	50.753
7)	B delta-BHC	4.781	4.127	202.4E6	97552381	63.492	51.884
8)	B Heptachlo...	5.699	4.726	185.2E6	85046043	57.311	50.151
9)	A Endosulfan I	6.085	5.096	174.7E6	77964335	53.547	48.616
10)	B gamma-Chl...	5.955	4.976	193.4E6	87164593	55.772	50.340
11)	B alpha-Chl...	6.035	5.040	187.5E6	85677213	53.984	50.011
12)	B 4,4'-DDE	6.206	5.230	172.2E6	80182428	53.720	51.125
13)	MA Dieldrin	6.361	5.361	181.1E6	84590396	53.106	50.383
14)	MA Endrin	6.591	5.636	152.6E6	75494153	52.515	50.030
15)	B Endosulfa...	6.810	5.929	145.9E6	68851876	50.860	50.072
16)	A 4,4'-DDD	6.724	5.784	139.9E6	67940223	52.801	51.533
17)	MA 4,4'-DDT	7.039	6.036	143.6E6	66797537	49.300	49.458
18)	B Endrin al...	6.939	6.110	114.3E6	55145859	49.794m	49.399
19)	B Endosulfa...	7.174	6.332	143.8E6	68750412	49.770	49.749
20)	A Methoxychlor	7.515	6.612	75272229	36759401	46.222	48.771
21)	B Endrin ke...	7.661	6.839	162.5E6	79738596	49.893	48.794
22)	Mirex	8.137	7.022	116.5E6	60556762	46.903	46.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 20:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

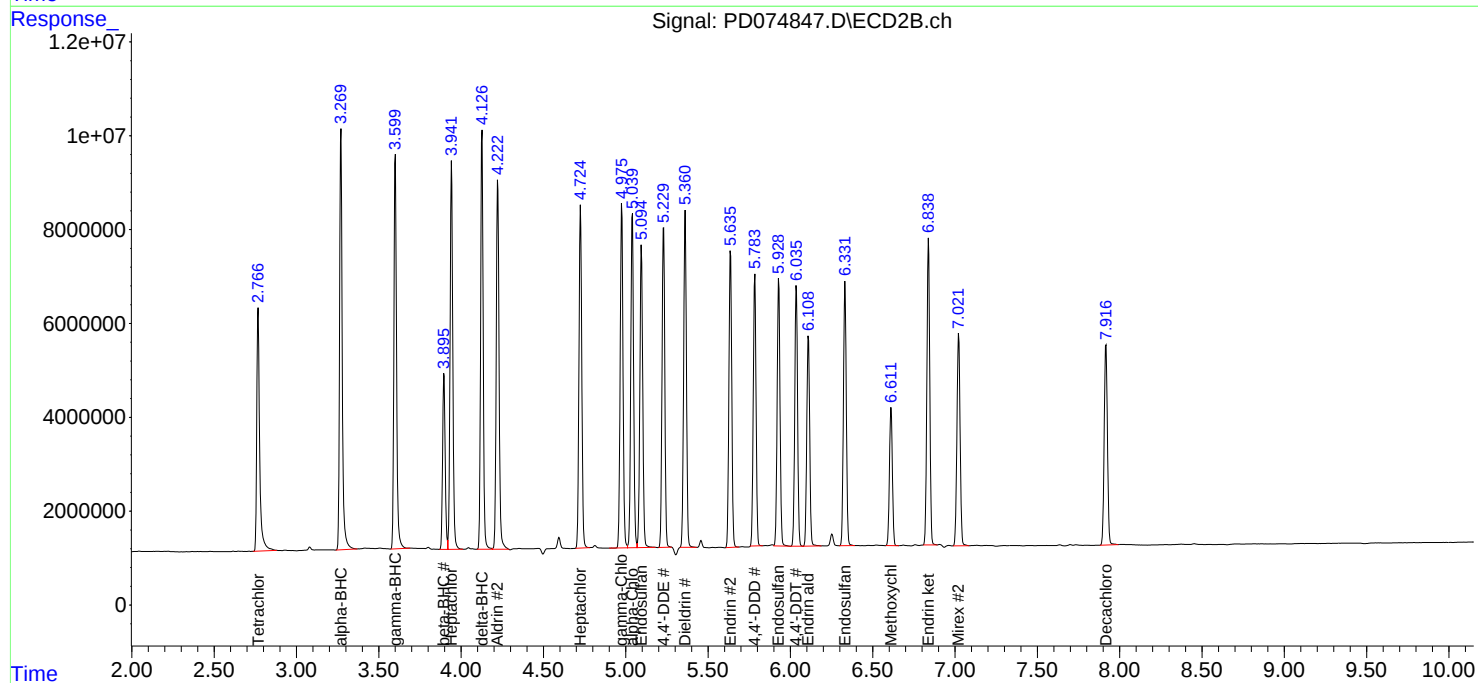
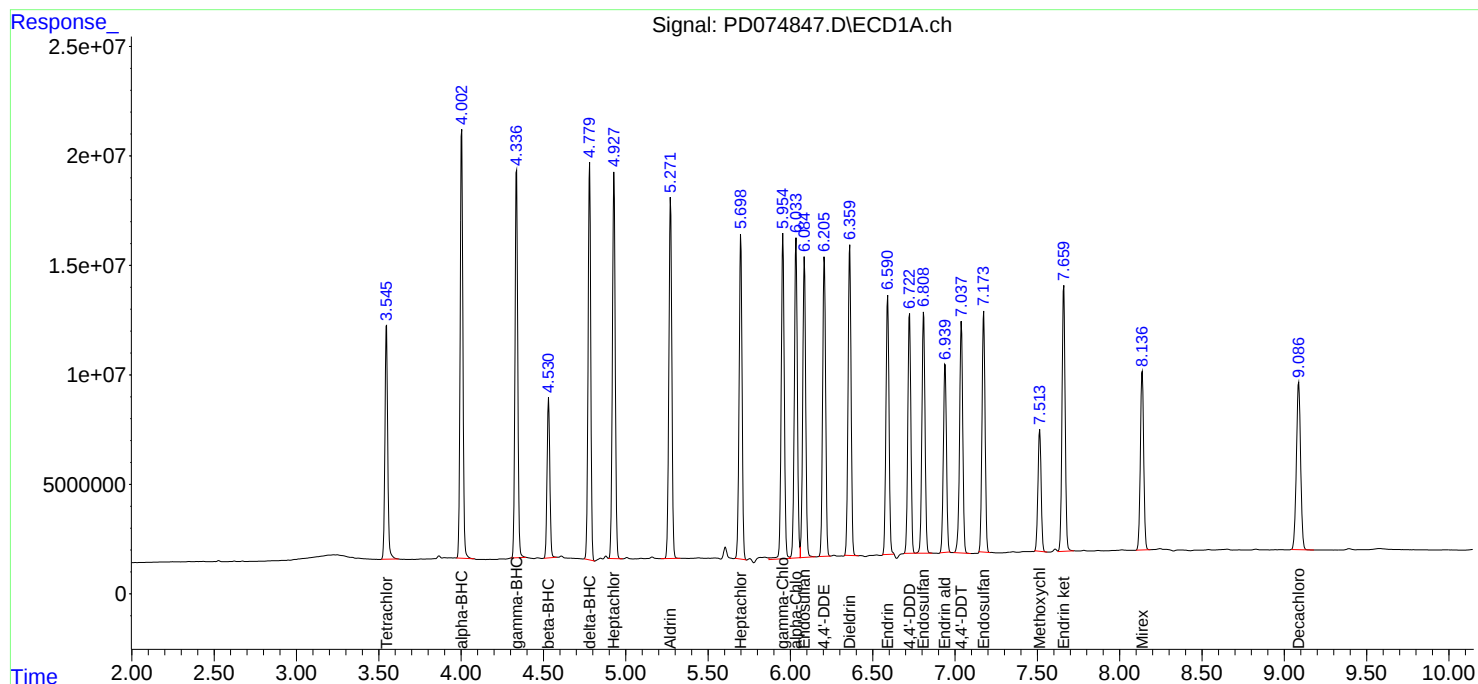
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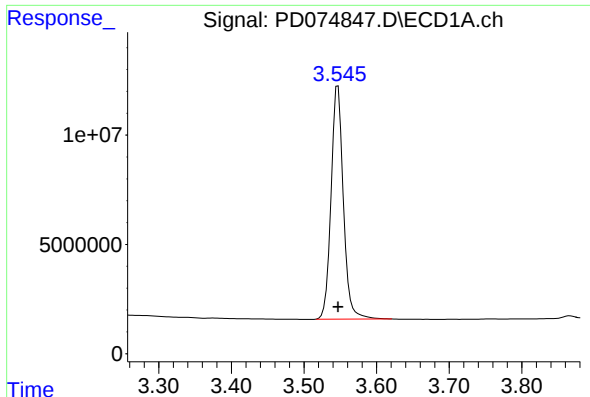
Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Supervised By :Ankita
Jodhani
04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 20 22:02:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 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

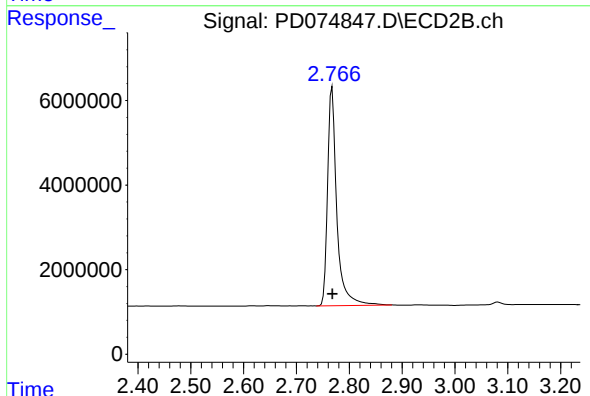
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 125687046
Conc: 52.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

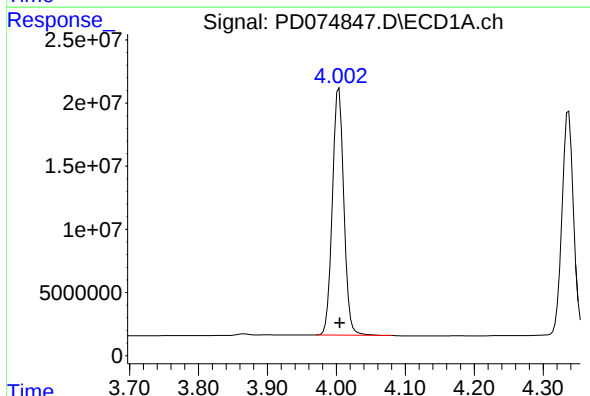
Reviewed By :Yogesh Patel 04/21/2023
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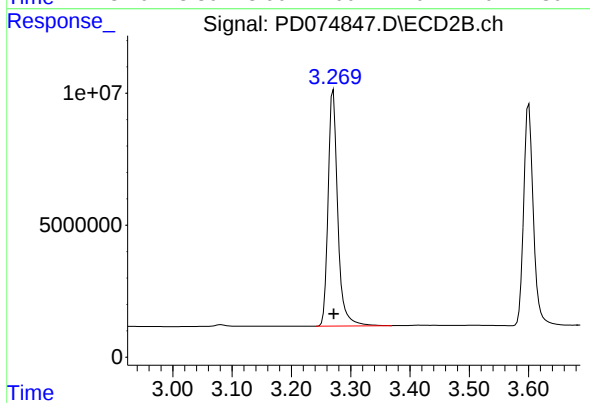
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 63038624
Conc: 48.36 ng/ml



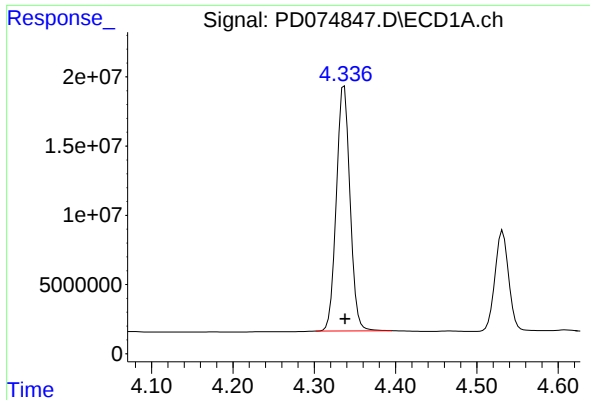
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 225847654
Conc: 54.30 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 100758002
Conc: 51.60 ng/ml



#3 gamma-BHC (Lindane)

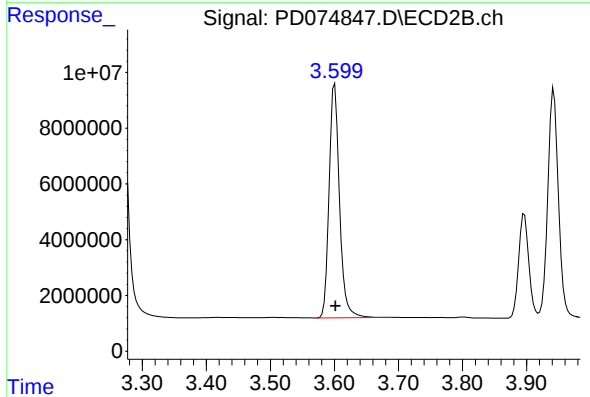
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 206585599
Conc: 53.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

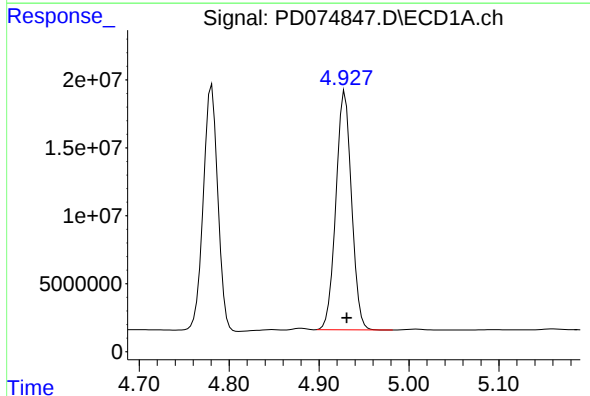
Reviewed By :Yogesh Patel 04/21/2023
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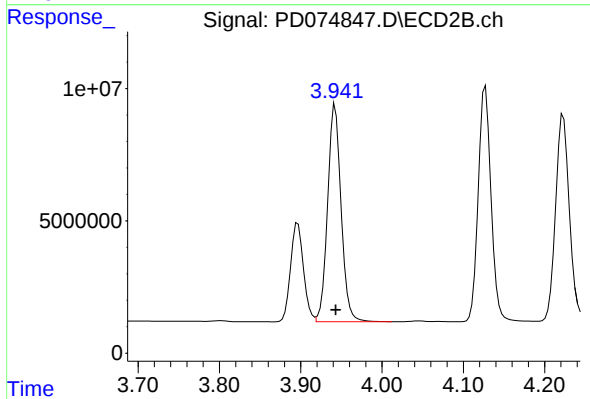
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 94944885
Conc: 52.32 ng/ml



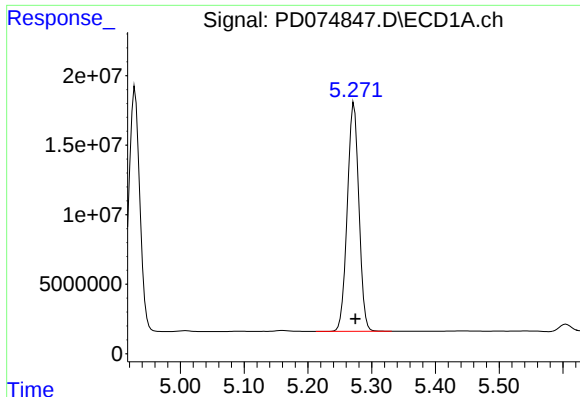
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 211942978
Conc: 54.19 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 95172086
Conc: 51.46 ng/ml



#5 Aldrin

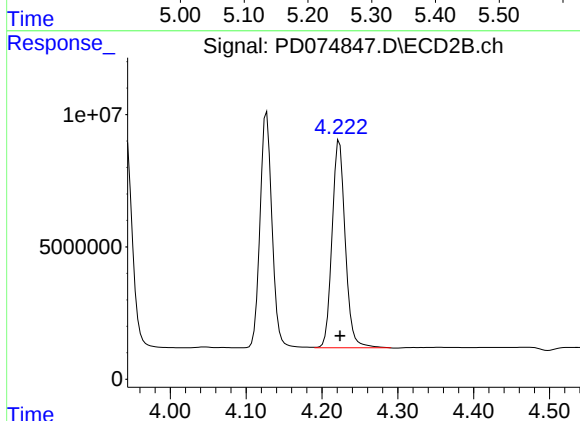
R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 207669124
Conc: 54.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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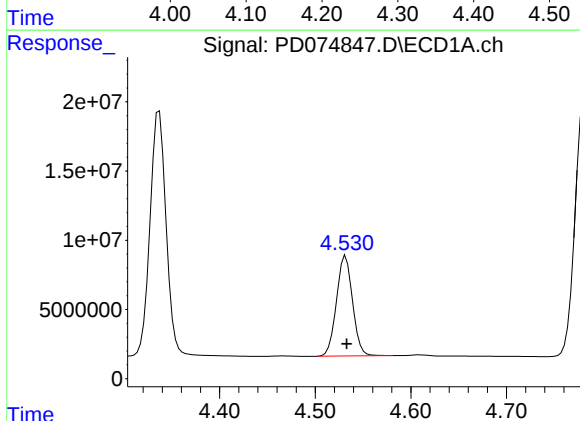
Reviewed By :Yogesh Patel 04/21/2023
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04/21/2023



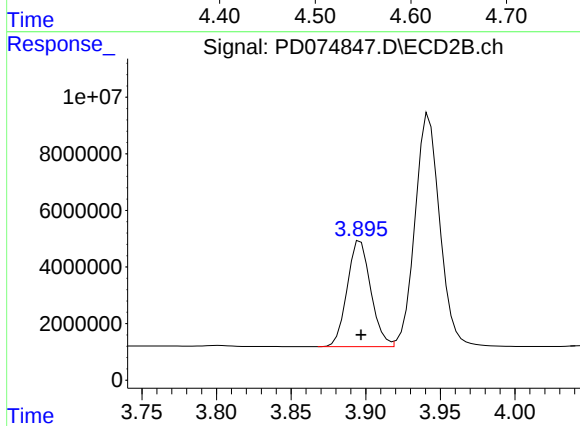
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 94756000
Conc: 51.25 ng/ml



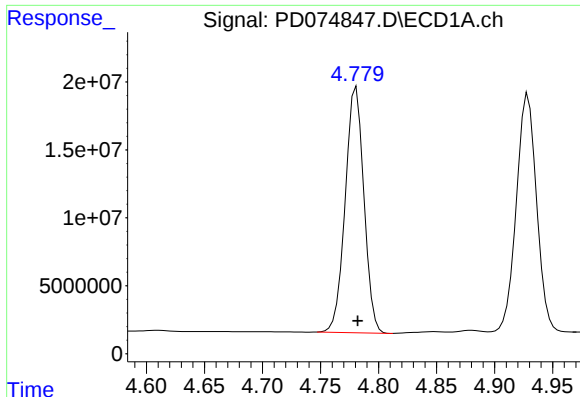
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 84505351
Conc: 50.37 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 41221926
Conc: 50.75 ng/ml



#7 delta-BHC

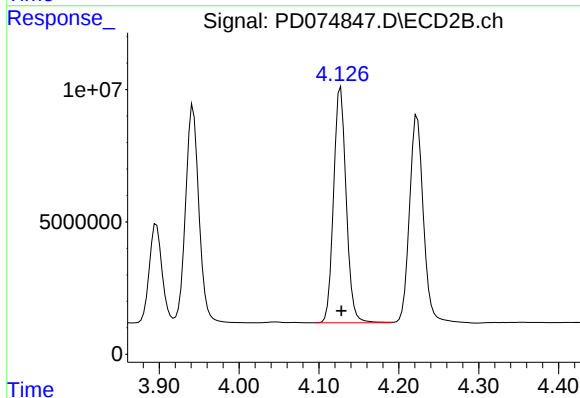
R.T.: 4.781 min
Delta R.T.: -0.001 min
Response: 202449499
Conc: 63.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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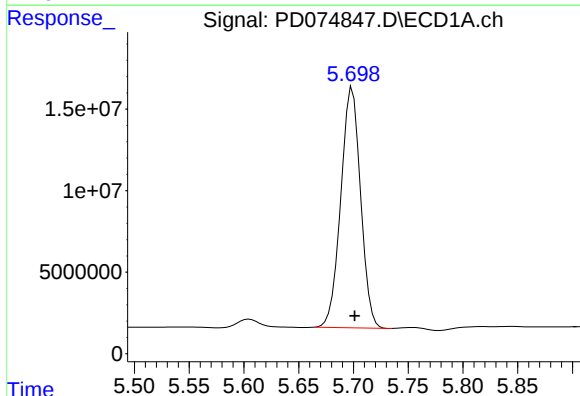
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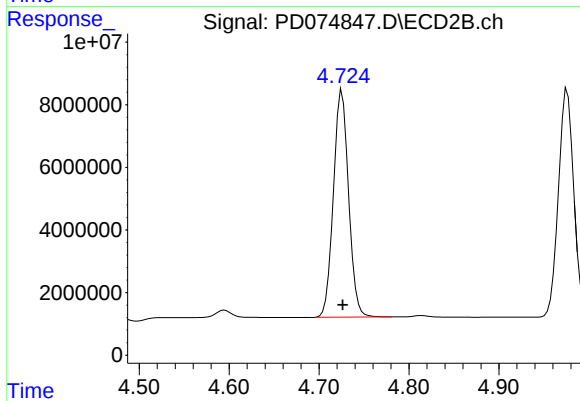
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 97552381
Conc: 51.88 ng/ml



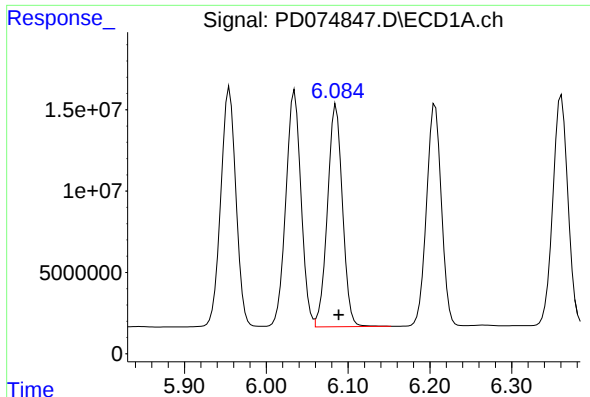
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.002 min
Response: 185188272
Conc: 57.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 85046043
Conc: 50.15 ng/ml



#9 Endosulfan I

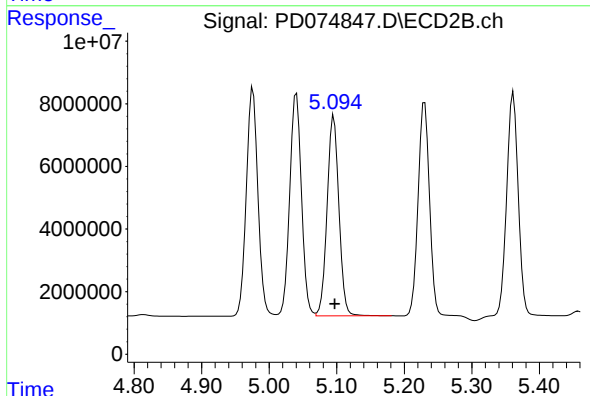
R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 174715646
Conc: 53.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

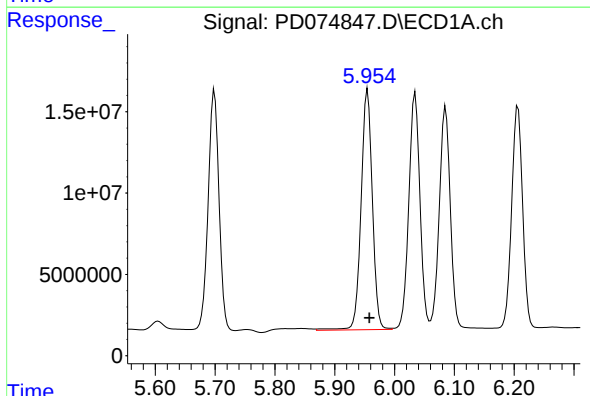
Reviewed By :Yogesh Patel 04/21/2023
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Jodhani
04/21/2023



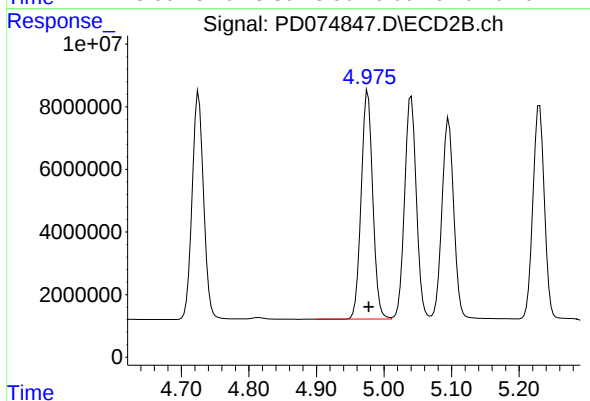
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 77964335
Conc: 48.62 ng/ml



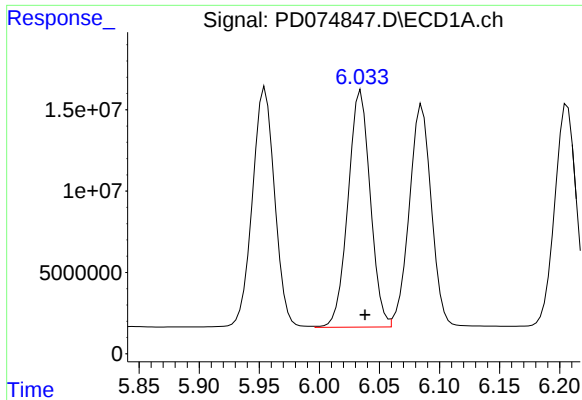
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 193415079
Conc: 55.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 87164593
Conc: 50.34 ng/ml



#11 alpha-Chlordane

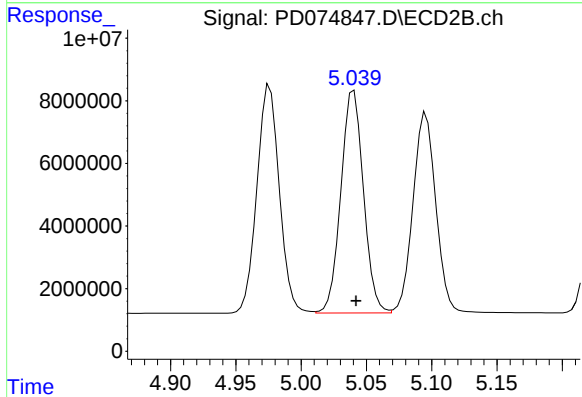
R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 187536373
Conc: 53.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

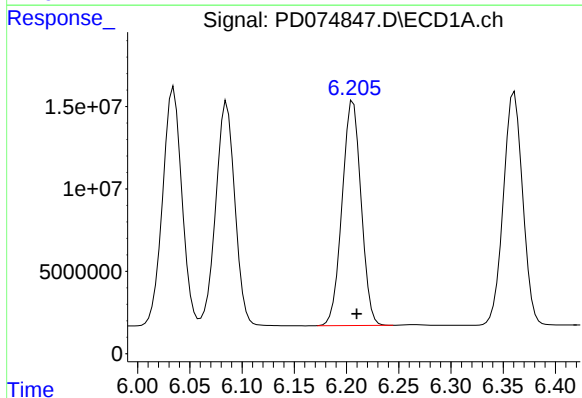
Reviewed By :Yogesh Patel 04/21/2023
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04/21/2023



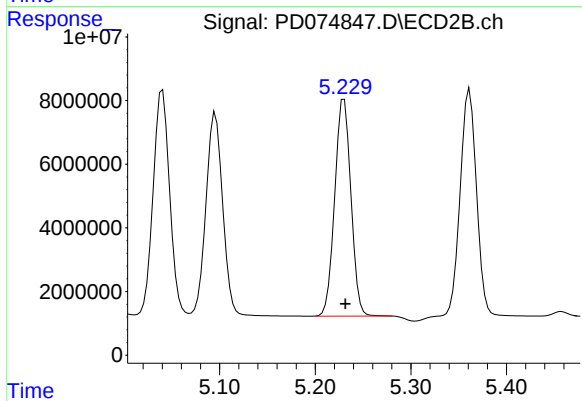
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 85677213
Conc: 50.01 ng/ml



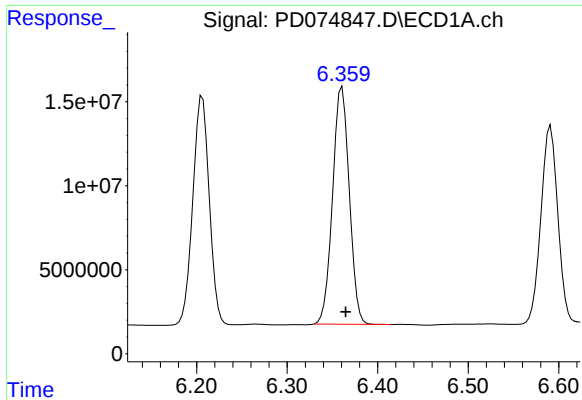
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 172224113
Conc: 53.72 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.001 min
Response: 80182428
Conc: 51.13 ng/ml



#13 Dieldrin

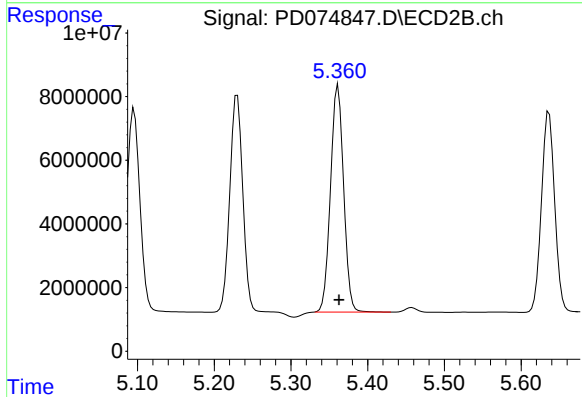
R.T.: 6.361 min
Delta R.T.: -0.004 min
Response: 181146571
Conc: 53.11 ng/ml

Instrument :
ECD_D
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PSTDCCC050

Manual Integrations
APPROVED

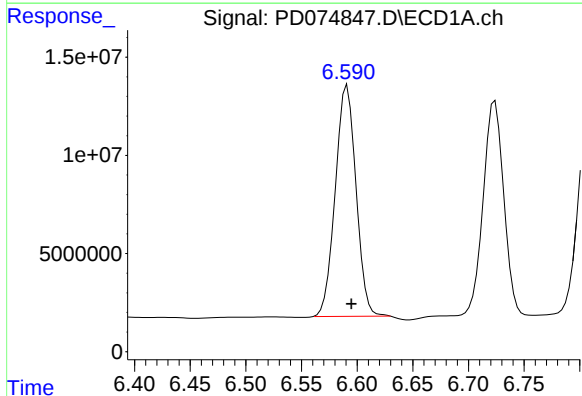
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04/21/2023



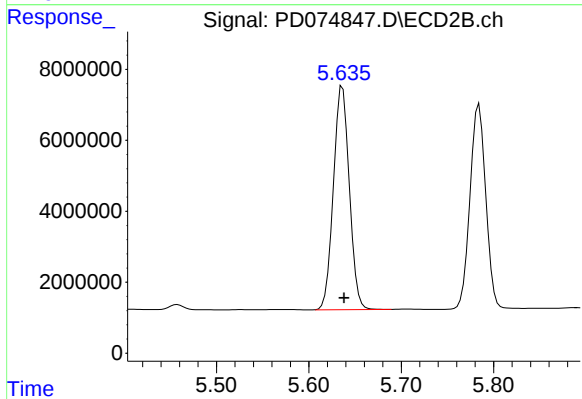
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 84590396
Conc: 50.38 ng/ml



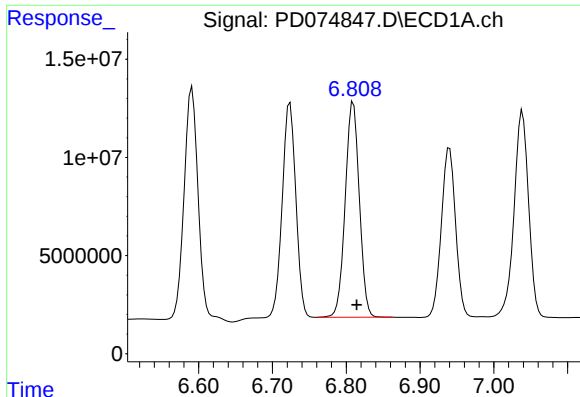
#14 Endrin

R.T.: 6.591 min
Delta R.T.: -0.004 min
Response: 152581858
Conc: 52.51 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 75494153
Conc: 50.03 ng/ml



#15 Endosulfan II

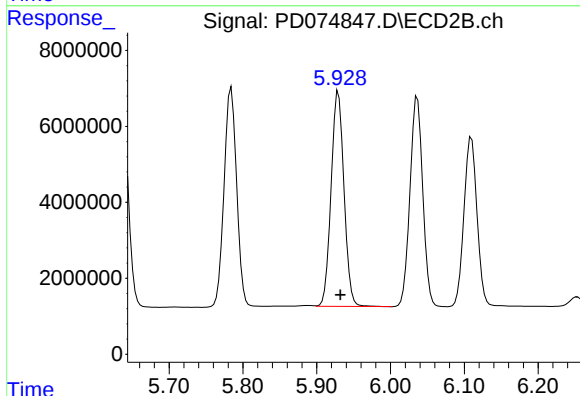
R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 145926781
Conc: 50.86 ng/ml

Instrument :
ECD_D
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PSTDCCC050

Manual Integrations
APPROVED

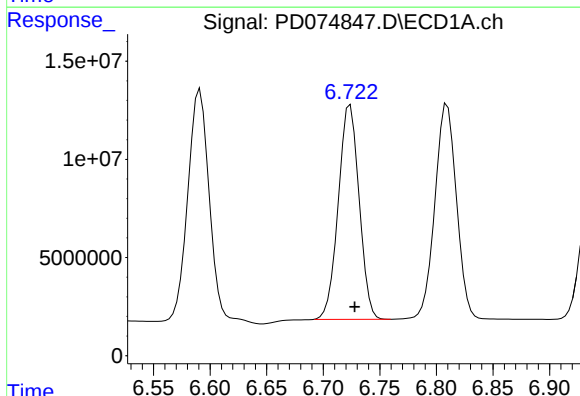
Reviewed By :Yogesh Patel 04/21/2023
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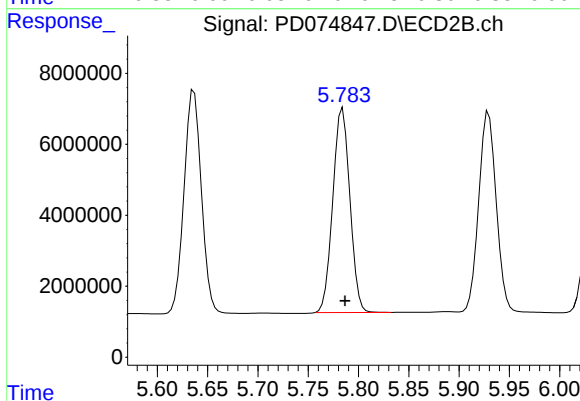
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 68851876
Conc: 50.07 ng/ml



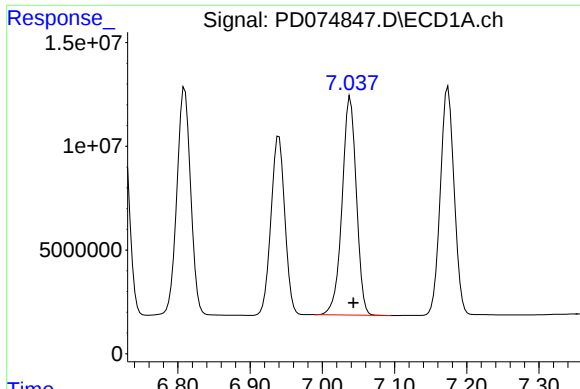
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 139909411
Conc: 52.80 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 67940223
Conc: 51.53 ng/ml



#17 4,4'-DDT

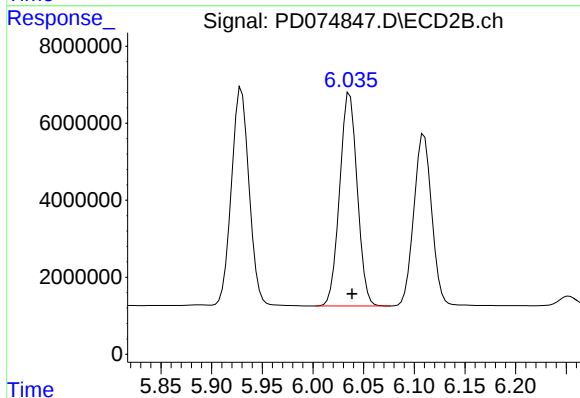
R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 143638066
Conc: 49.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

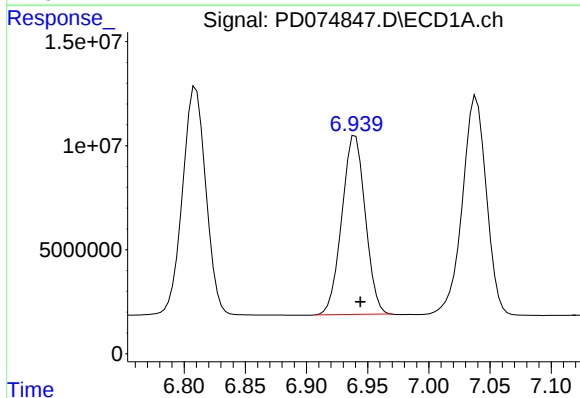
Reviewed By :Yogesh Patel 04/21/2023
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Jodhani
04/21/2023



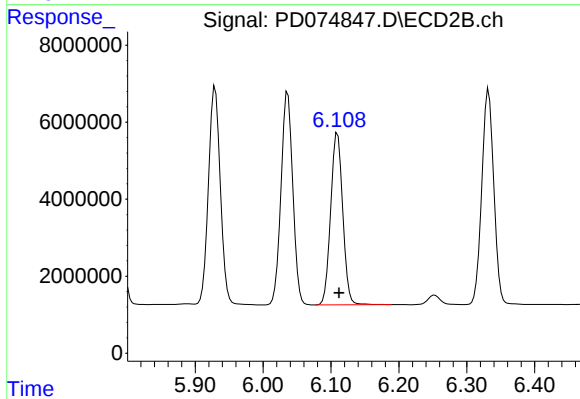
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 66797537
Conc: 49.46 ng/ml



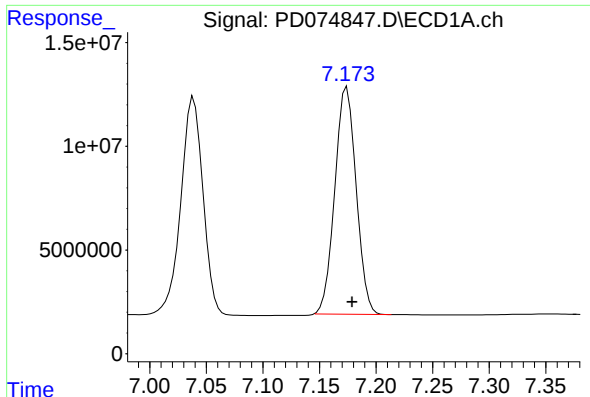
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 114341904
Conc: 49.79 ng/ml m



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 55145859
Conc: 49.40 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.004 min
Response: 143757624
Conc: 49.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

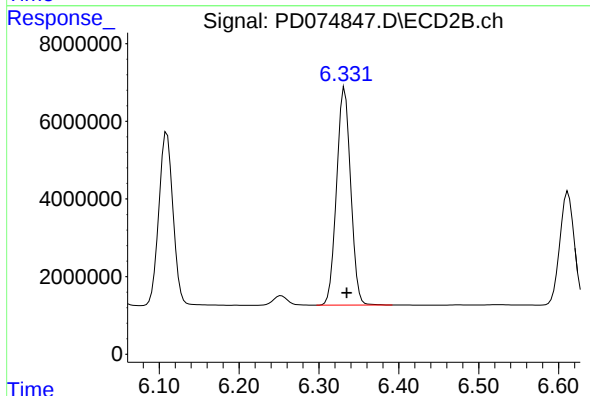
PSTDCCC050

Manual Integrations

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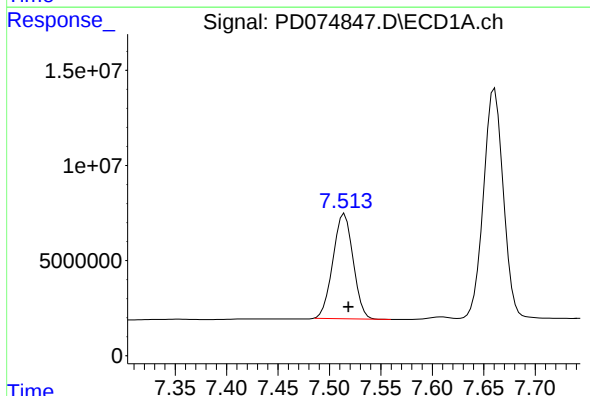
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04/21/2023



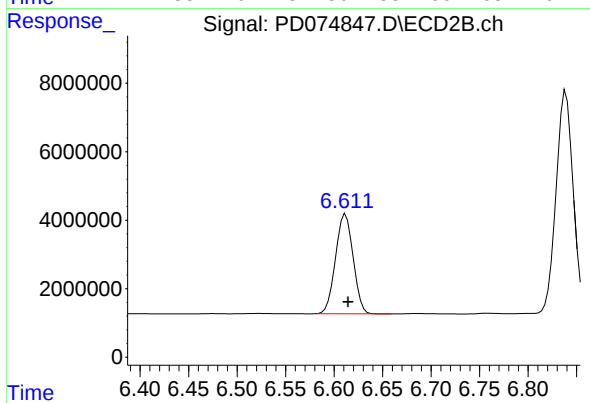
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 68750412
Conc: 49.75 ng/ml



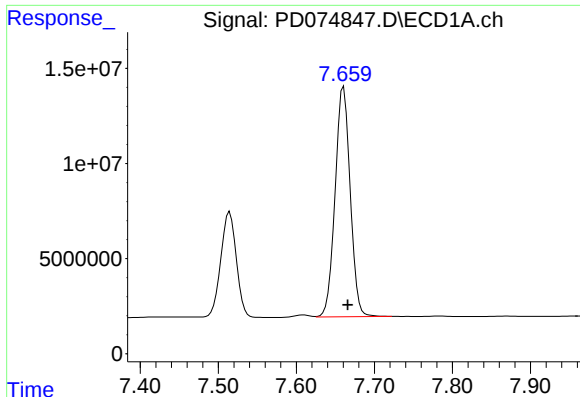
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.004 min
Response: 75272229
Conc: 46.22 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 36759401
Conc: 48.77 ng/ml



#21 Endrin ketone

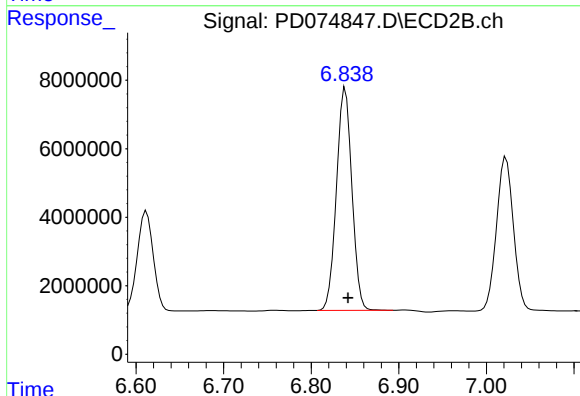
R.T.: 7.661 min
Delta R.T.: -0.005 min
Response: 162505630
Conc: 49.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

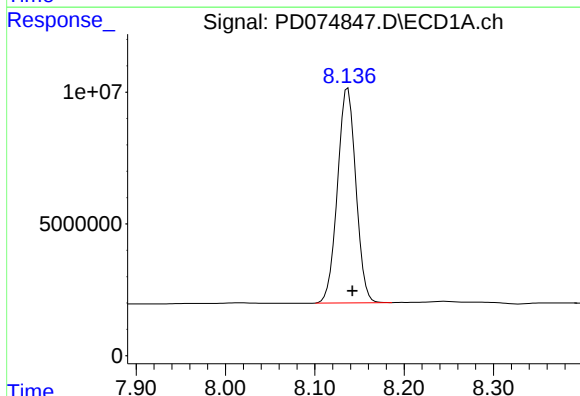
Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

Supervised By :Ankita
Jodhani
04/21/2023



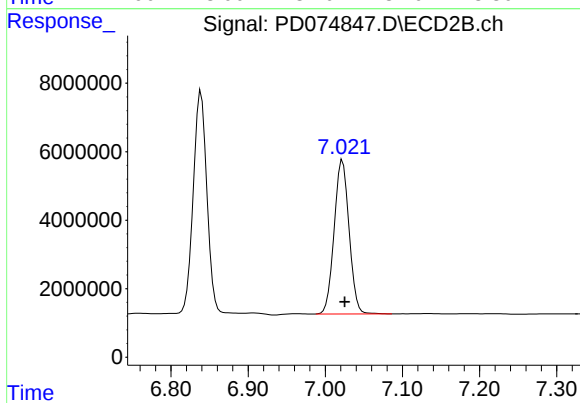
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.003 min
Response: 79738596
Conc: 48.79 ng/ml



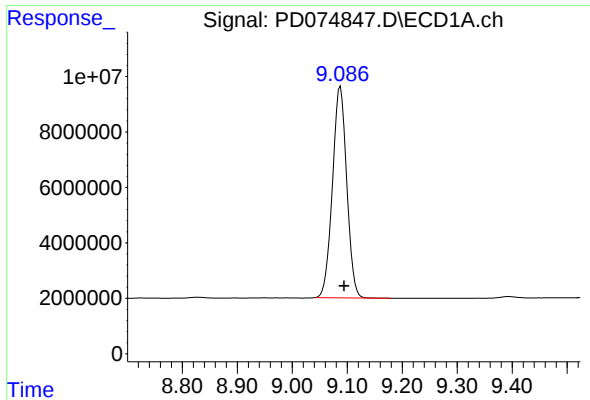
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 116466515
Conc: 46.90 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 60556762
Conc: 46.93 ng/ml



#28 Decachlorobiphenyl

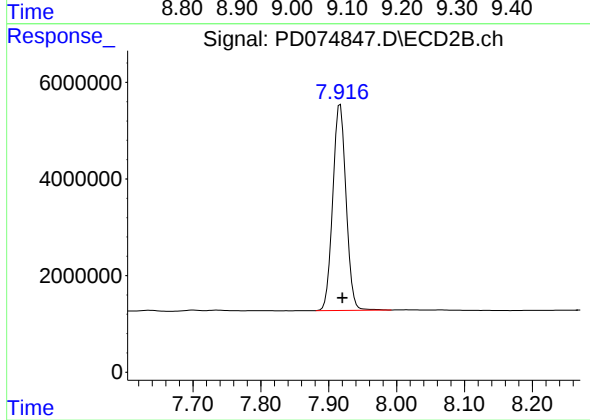
R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 137506176
Conc: 45.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023

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Jodhani
04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: -0.003 min
Response: 58050227
Conc: 43.52 ng/ml