

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081323\
 Data File : PD077147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2023 05:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/14/2023
 Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:18:58 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	2.761	130.1E6	76435708	54.989	56.115
28)	SA Decachlor...	9.093	7.905	148.7E6	74865417	54.285	52.314
Target Compounds							
2)	A alpha-BHC	4.007	3.263	223.5E6	111.3E6	58.199	57.537
3)	MA gamma-BHC...	4.340	3.593	211.6E6	106.5E6	57.484	57.274
4)	MA Heptachlor	4.930	3.932	208.8E6	103.4E6	57.895m	56.897
5)	MB Aldrin	5.275	4.213	212.3E6	106.1E6	57.440	57.300
6)	B beta-BHC	4.538	3.890	81158310	41996347	53.932	55.048
7)	B delta-BHC	4.786	4.120	208.5E6	104.3E6	59.755	58.618
8)	B Heptachlo...	5.701	4.715	186.0E6	92179428	56.167	55.123
9)	A Endosulfan I	6.089	5.085	168.8E6	83458681	55.529	53.501
10)	B gamma-Chl...	5.959	4.966	182.8E6	91634638	56.173	55.241
11)	B alpha-Chl...	6.038	5.029	182.8E6	91565451	55.745	54.831
12)	B 4,4'-DDE	6.210	5.217	167.6E6	82037693	56.499	56.571m
13)	MA Dieldrin	6.365	5.350	184.7E6	93426679	56.426	55.460
14)	MA Endrin	6.595	5.626	151.6E6	81460328	54.567	55.672
15)	B Endosulfa...	6.815	5.921	154.0E6	78539541	48.415	53.282
16)	A 4,4'-DDD	6.729	5.774	135.6E6	66564035	57.622	59.856
17)	MA 4,4'-DDT	7.044	6.025	139.9E6	68976335	57.514	62.052
18)	B Endrin al...	6.945	6.101	120.1E6	62510104	54.975	54.911
19)	B Endosulfa...	7.181	6.324	143.9E6	74301815	55.226	55.711
20)	A Methoxychlor	7.520	6.601	77867805	36459939	54.958	60.976
21)	B Endrin ke...	7.666	6.830	167.6E6	87819154	55.665	55.389
22)	Mirex	8.141	7.012	122.0E6	68631896	53.489	53.006

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081323\
 Data File : PD077147.D
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 Acq On : 14 Aug 2023 05:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

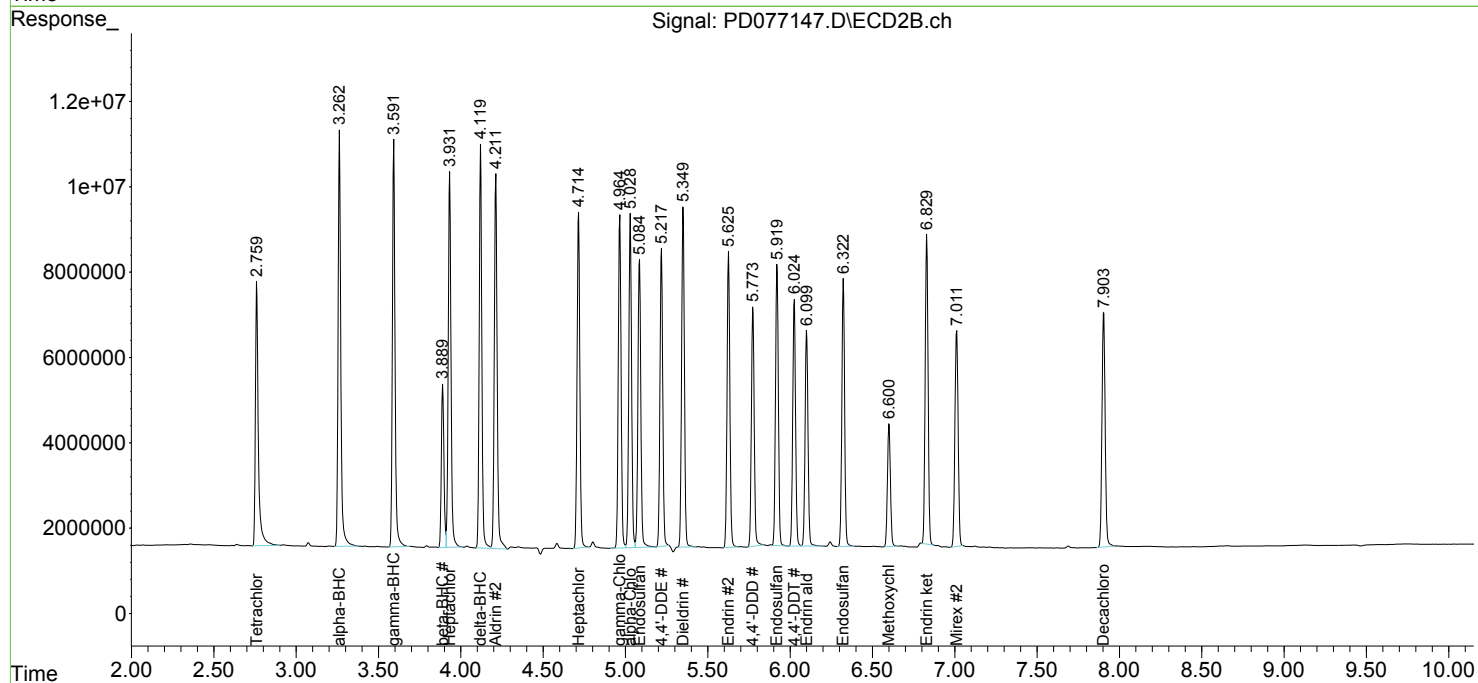
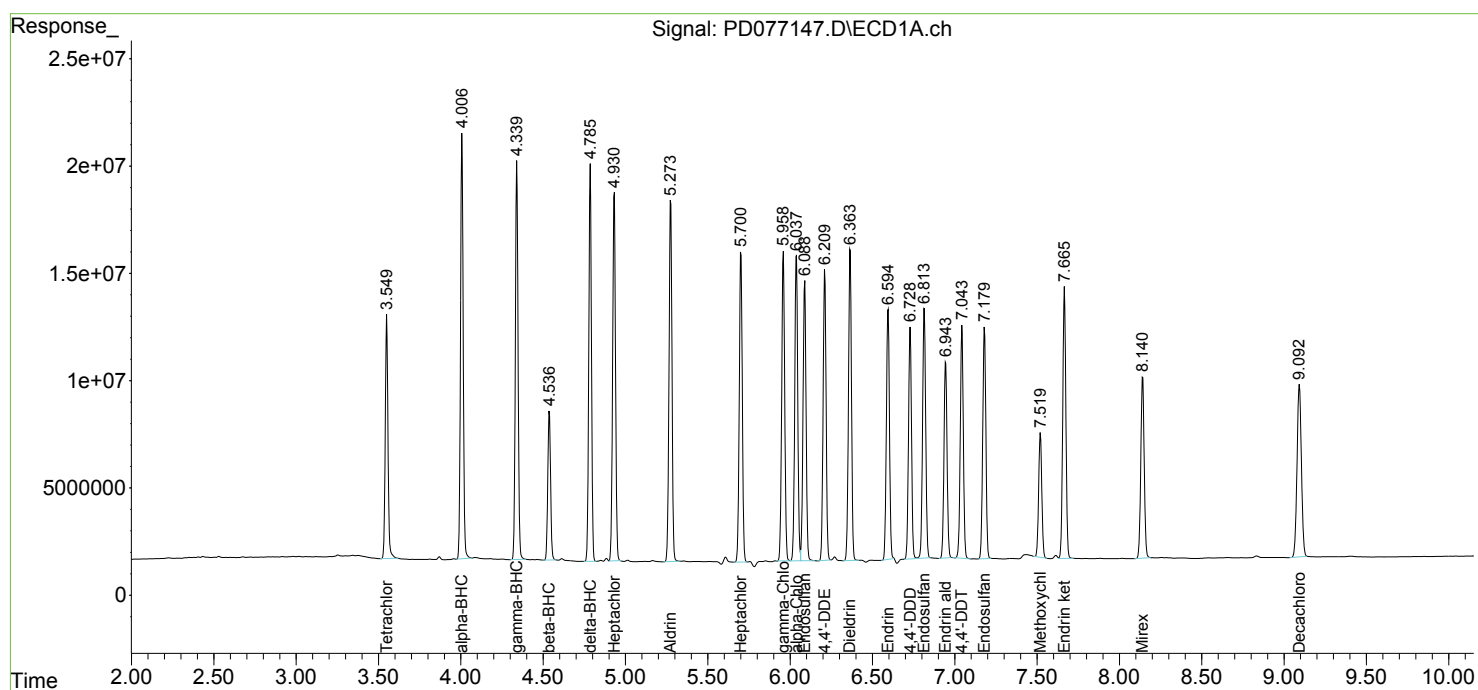
APPROVED

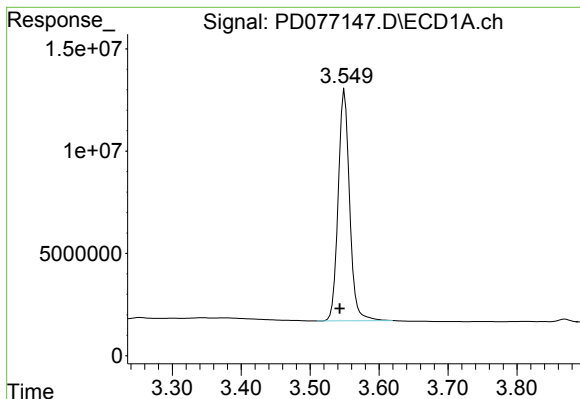
Reviewed By :Abdul Mirza 08/14/2023

Supervised By :Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:18:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
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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: 130131787
Conc: 54.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

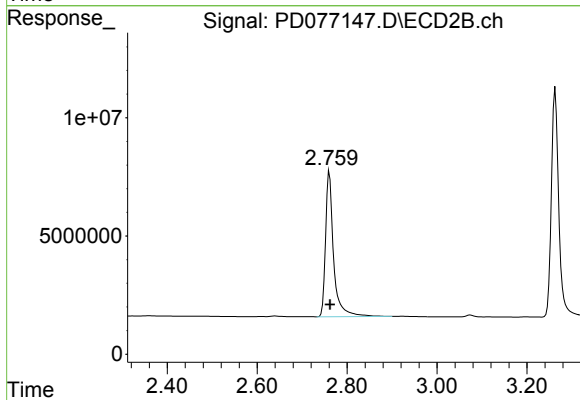
PSTDCCC050

Manual Integrations

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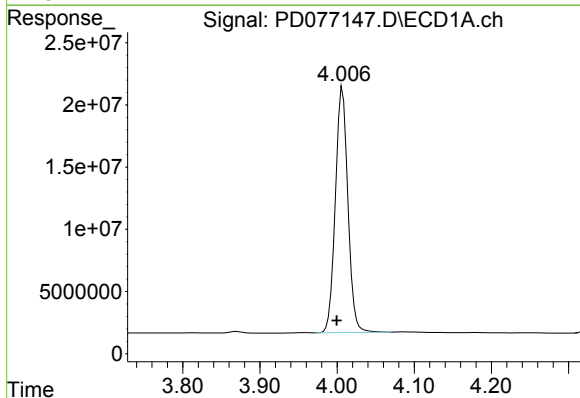
Reviewed By :Abdul Mirza 08/14/2023

Supervised By :Ankita Jodhani 08/14/2023



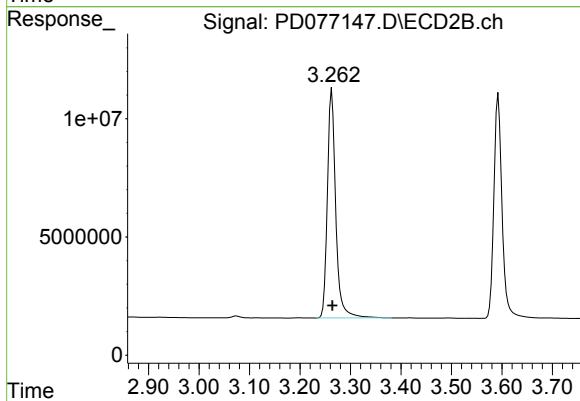
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: -0.001 min
Response: 76435708
Conc: 56.12 ng/ml



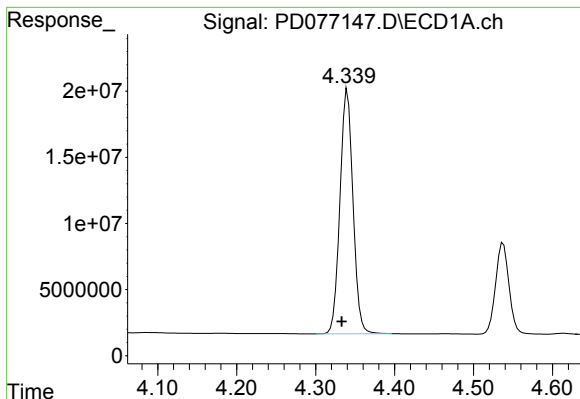
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.008 min
Response: 223466841
Conc: 58.20 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 111297843
Conc: 57.54 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.007 min
Response: 211582713
Conc: 57.48 ng/ml

Instrument :

ECD_D

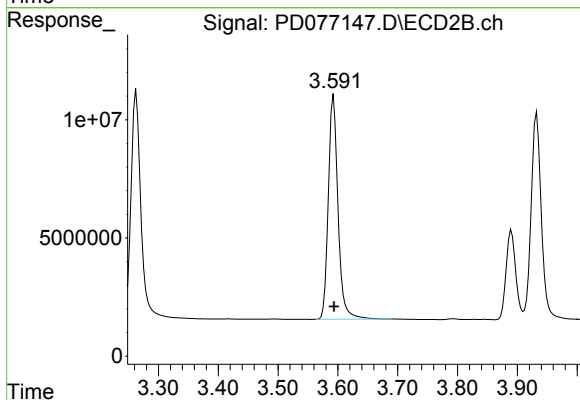
ClientSampleId :

PSTDCCC050

Manual Integrations

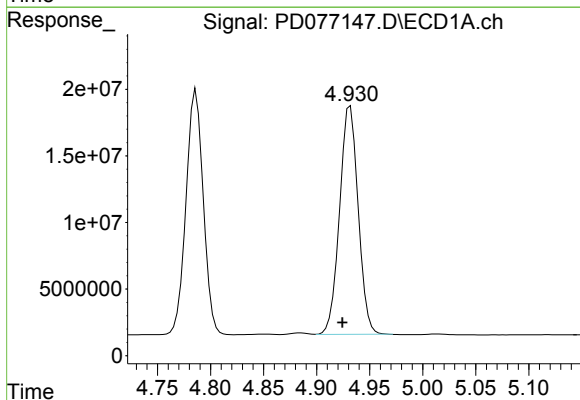
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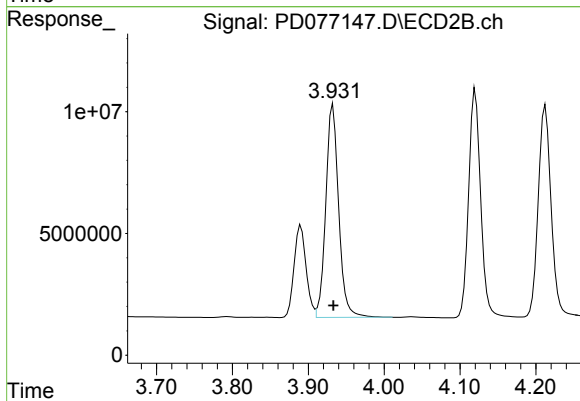
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 106549191
Conc: 57.27 ng/ml



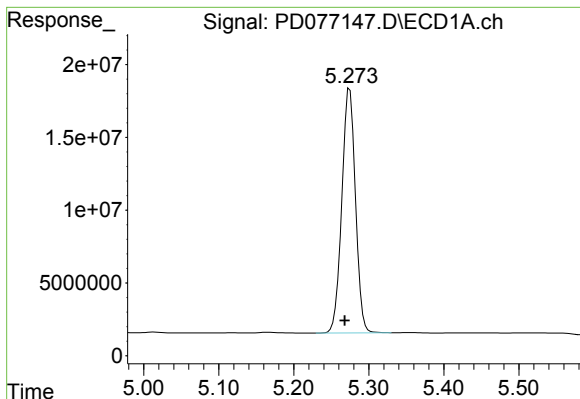
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 208770916
Conc: 57.90 ng/ml m



#4 Heptachlor

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 103363009
Conc: 56.90 ng/ml



#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.007 min
Response: 212274880
Conc: 57.44 ng/ml

Instrument :

ECD_D

ClientSampleId :

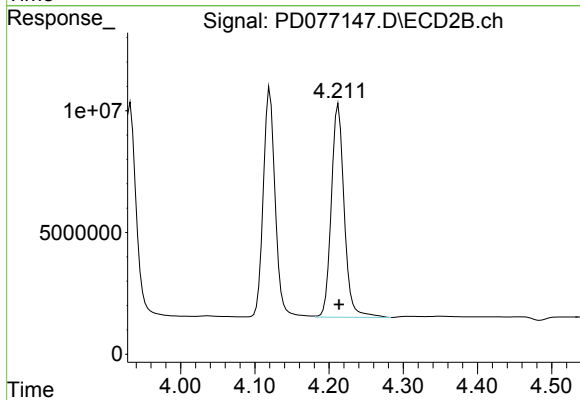
PSTDCCC050

Manual Integrations

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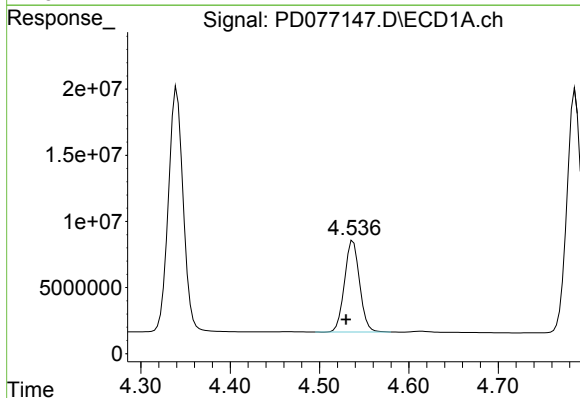
Reviewed By :Abdul Mirza 08/14/2023

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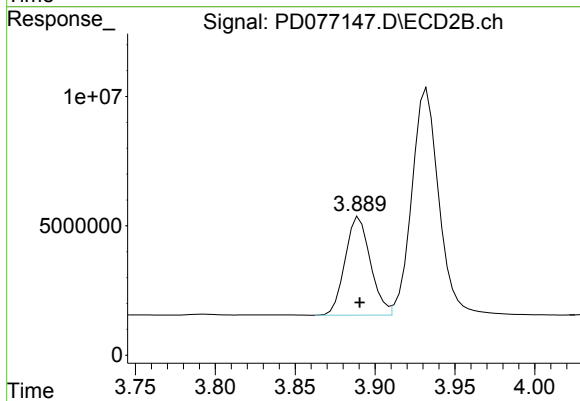
#5 Aldrin

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 106097692
Conc: 57.30 ng/ml



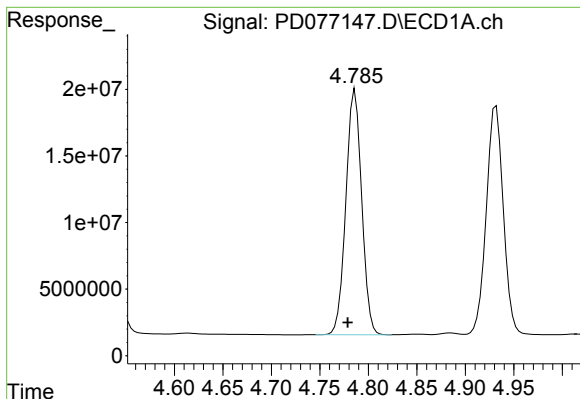
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.008 min
Response: 81158310
Conc: 53.93 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 41996347
Conc: 55.05 ng/ml



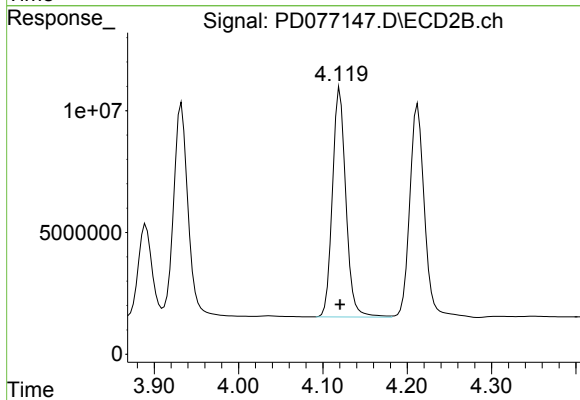
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.008 min
Response: 208463208
Conc: 59.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

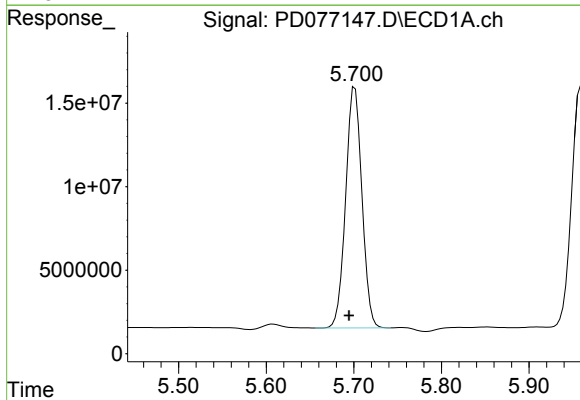
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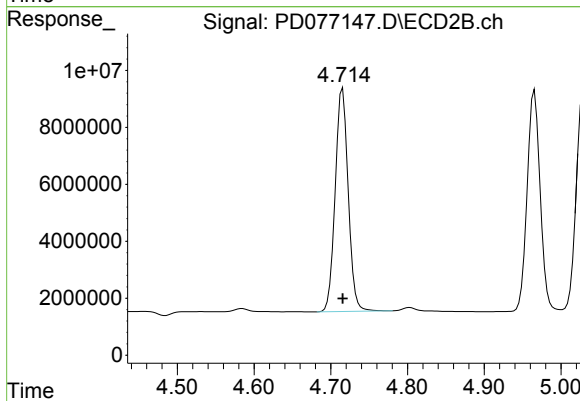
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 104295757
Conc: 58.62 ng/ml



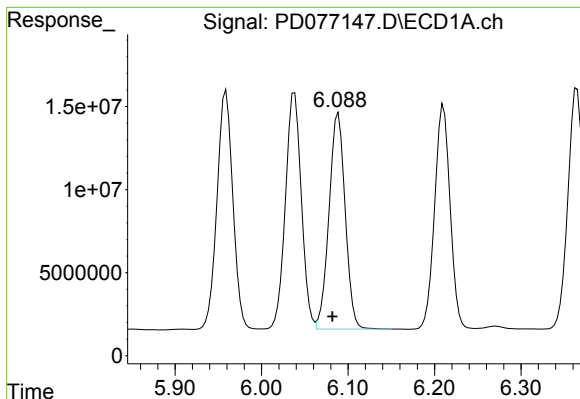
#8 Heptachlor epoxide

R.T.: 5.701 min
Delta R.T.: 0.006 min
Response: 185977277
Conc: 56.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 92179428
Conc: 55.12 ng/ml



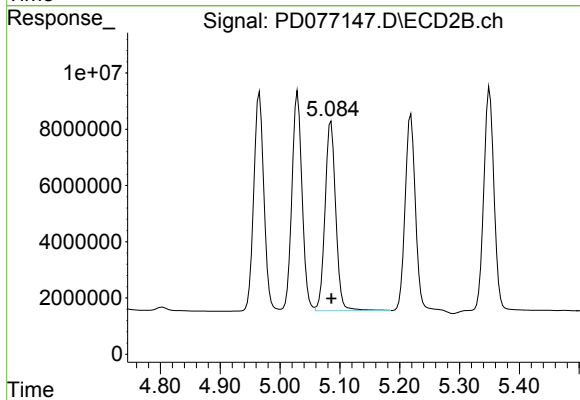
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.007 min
Response: 168761067
Conc: 55.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

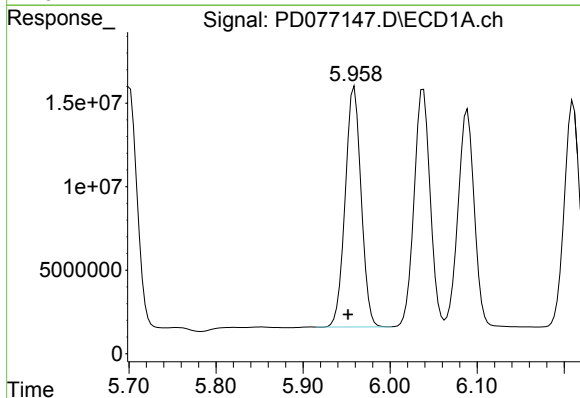
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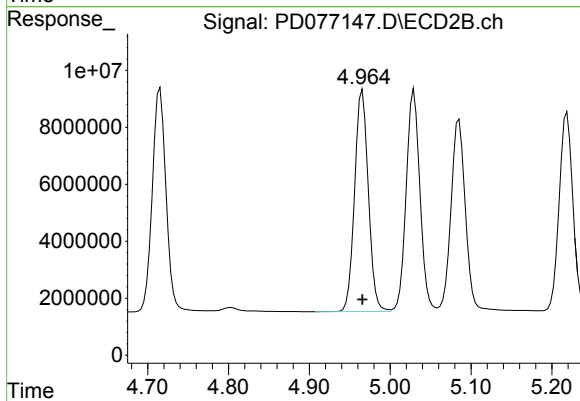
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 83458681
Conc: 53.50 ng/ml



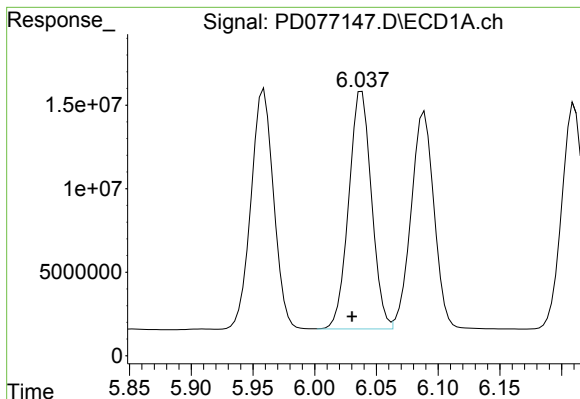
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.007 min
Response: 182825030
Conc: 56.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 91634638
Conc: 55.24 ng/ml



#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.008 min
Response: 182795709
Conc: 55.74 ng/ml

Instrument :

ECD_D

ClientSampleId :

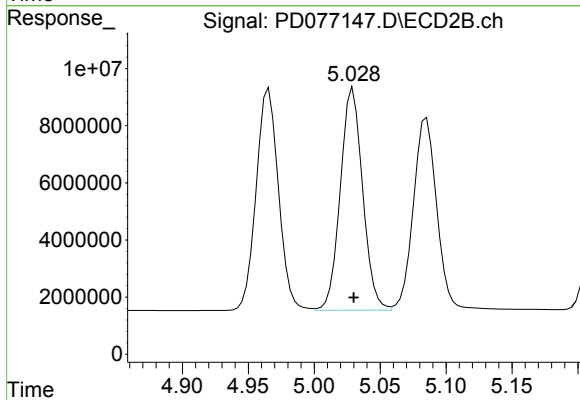
PSTDCCC050

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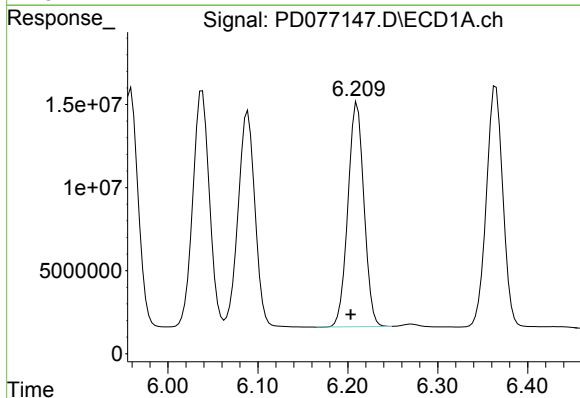
Reviewed By :Abdul Mirza 08/14/2023

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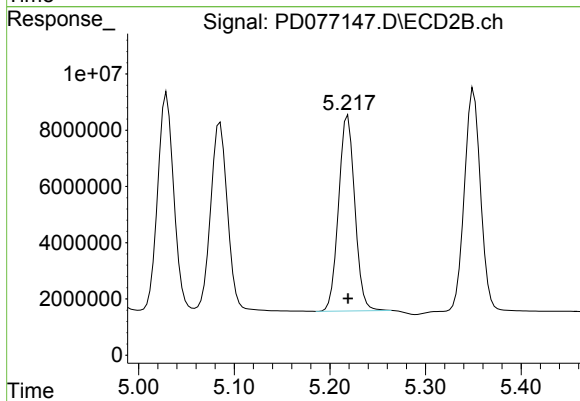
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 91565451
Conc: 54.83 ng/ml



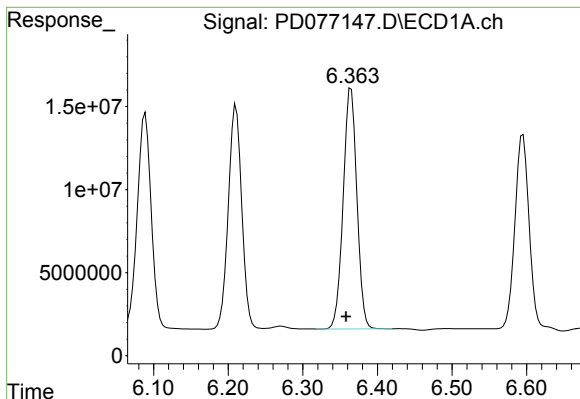
#12 4,4'-DDE

R.T.: 6.210 min
Delta R.T.: 0.007 min
Response: 167603739
Conc: 56.50 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.001 min
Response: 82037693
Conc: 56.57 ng/ml m



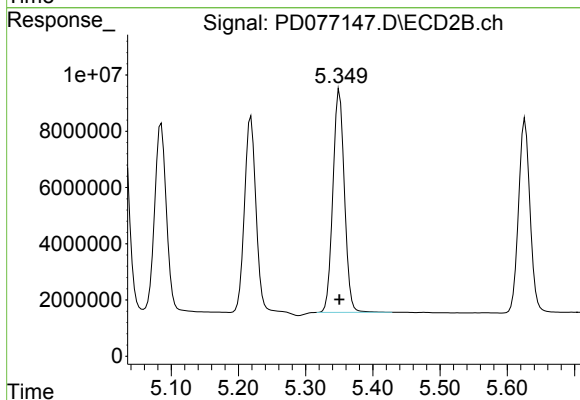
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 184725763
Conc: 56.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

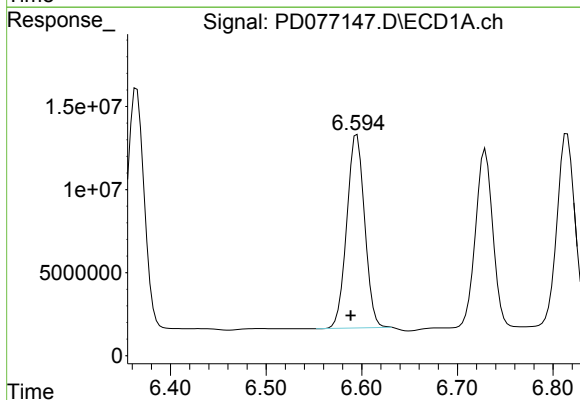
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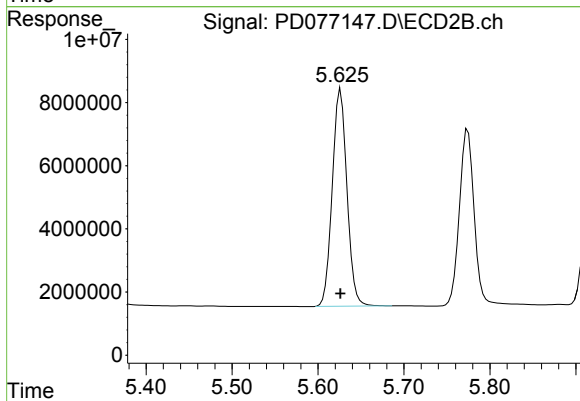
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 93426679
Conc: 55.46 ng/ml



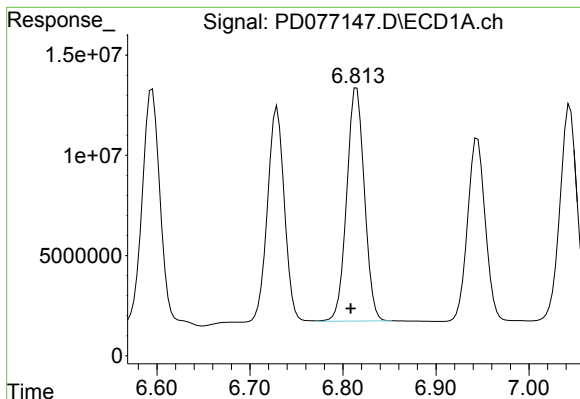
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.007 min
Response: 151624511
Conc: 54.57 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 81460328
Conc: 55.67 ng/ml



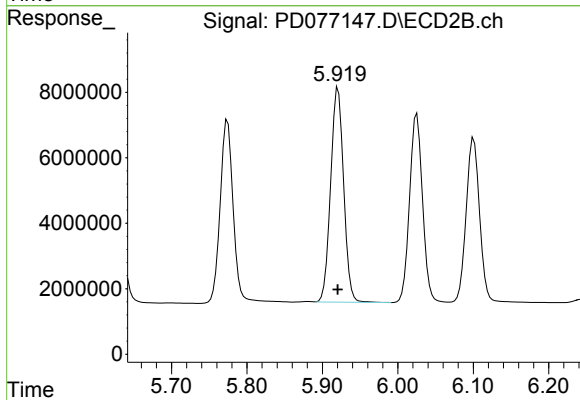
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.006 min
Response: 154047649
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

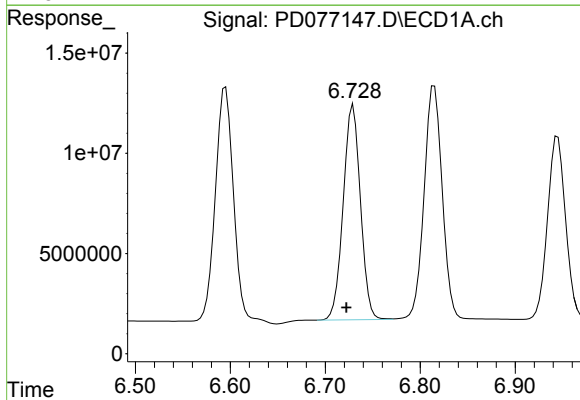
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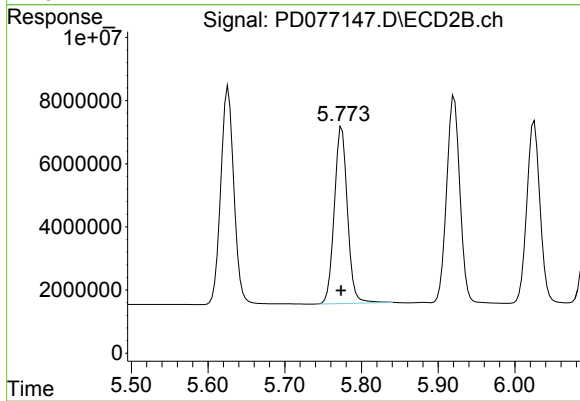
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 78539541
Conc: 53.28 ng/ml



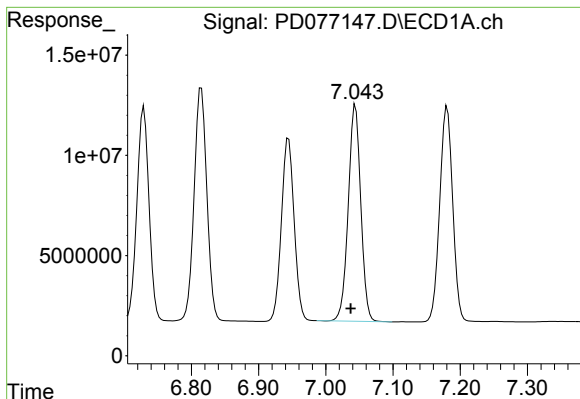
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.007 min
Response: 135560566
Conc: 57.62 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 66564035
Conc: 59.86 ng/ml



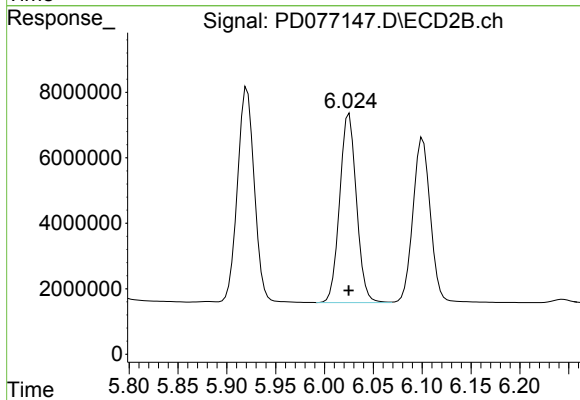
#17 4,4'-DDT

R.T.: 7.044 min
Delta R.T.: 0.007 min
Response: 139853463
Conc: 57.51 ng/ml

Instrument :
ECD_D
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PSTDCCC050

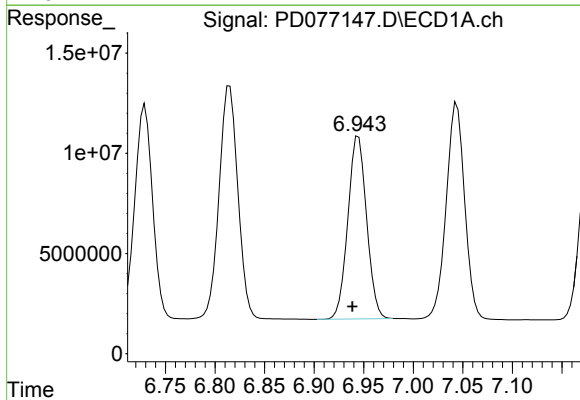
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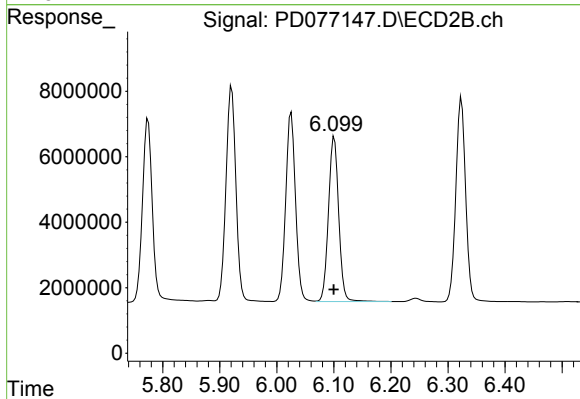
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 68976335
Conc: 62.05 ng/ml



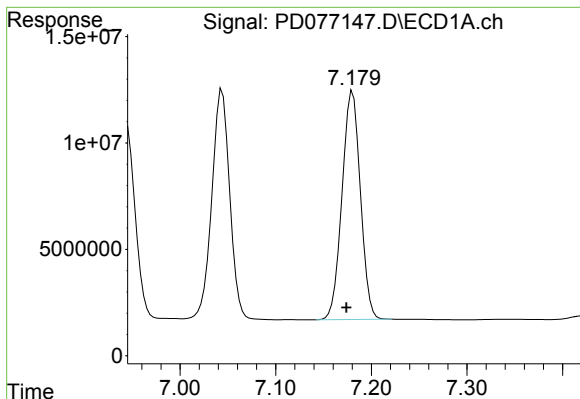
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.006 min
Response: 120093109
Conc: 54.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 62510104
Conc: 54.91 ng/ml



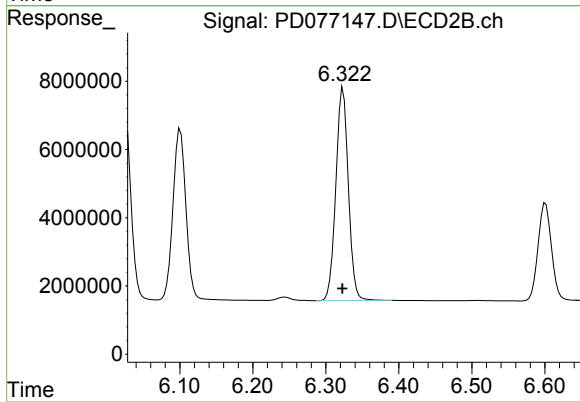
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.006 min
Response: 143886722
Conc: 55.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

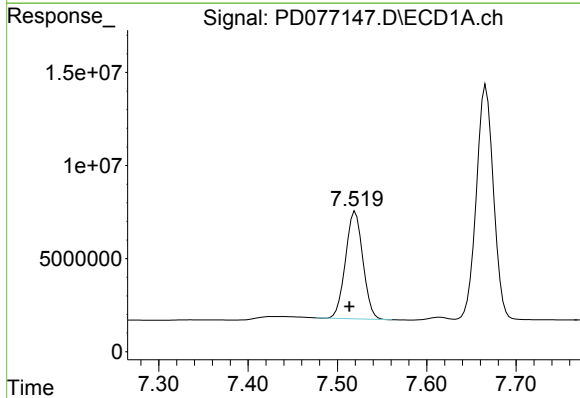
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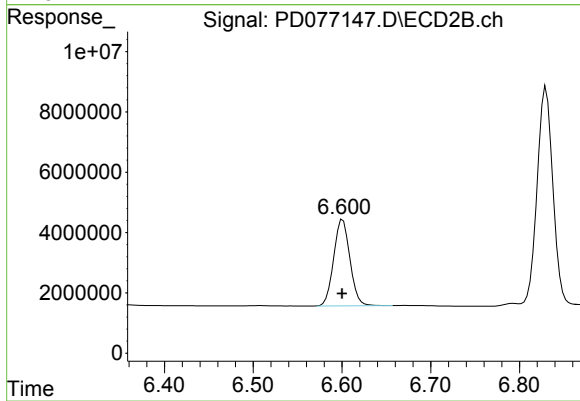
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 74301815
Conc: 55.71 ng/ml



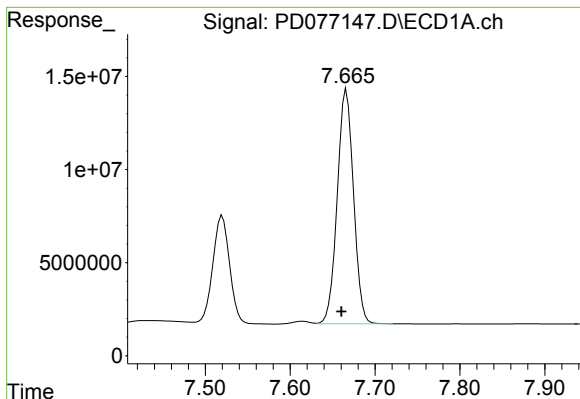
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: 0.007 min
Response: 77867805
Conc: 54.96 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.000 min
Response: 36459939
Conc: 60.98 ng/ml



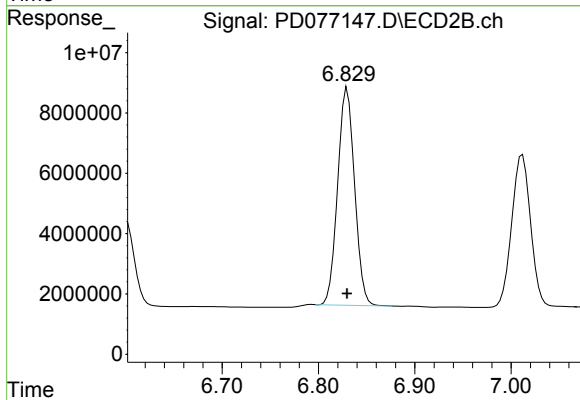
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.006 min
Response: 167649886
Conc: 55.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

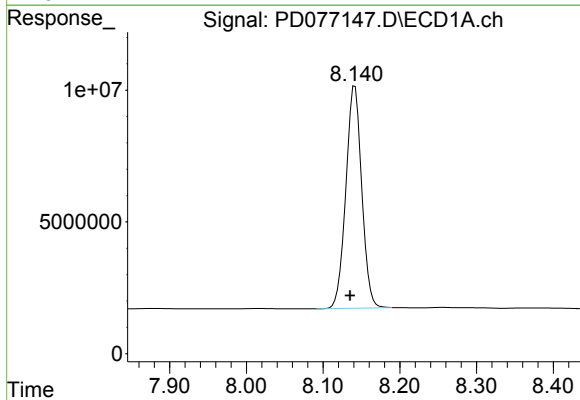
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/14/2023
Supervised By :Ankita Jodhani 08/14/2023



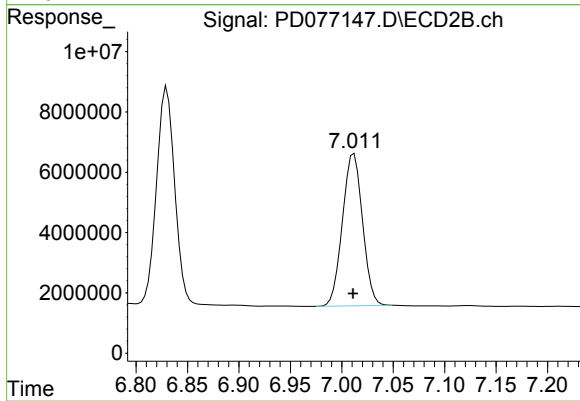
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 87819154
Conc: 55.39 ng/ml



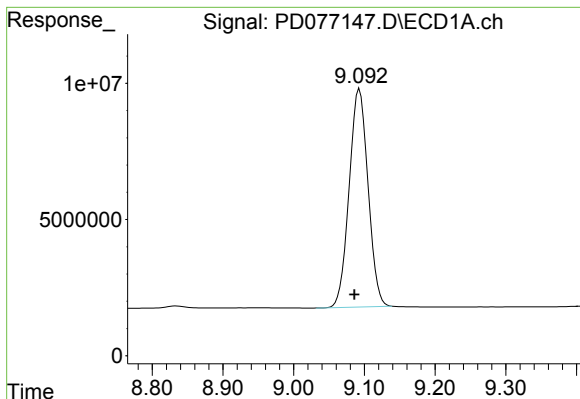
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.006 min
Response: 122003636
Conc: 53.49 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.001 min
Response: 68631896
Conc: 53.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.007 min
Response: 148749578
Conc: 54.28 ng/ml

Instrument :

ECD_D

ClientSampleId :

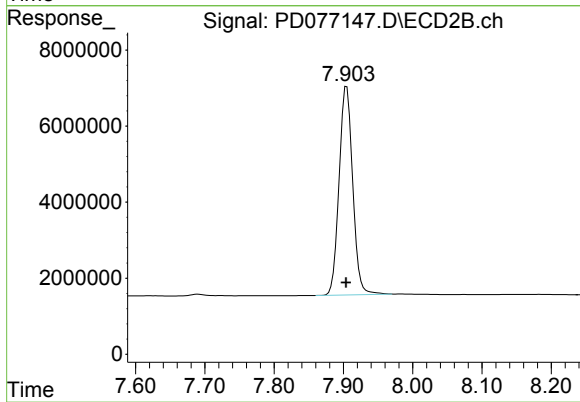
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 74865417
Conc: 52.31 ng/ml