

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076348.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 16:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/06/2023
 Supervised By : Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:21:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 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...	3.551	2.764	162.4E6	77689915	49.559	48.907
28)	SA Decachlor...	9.094	7.910	178.6E6	65106958	50.239	51.733
Target Compounds							
2)	A alpha-BHC	4.008	3.266	294.5E6	121.1E6	50.854	50.240
3)	MA gamma-BHC...	4.341	3.596	265.8E6	111.5E6	50.778	50.105
4)	MA Heptachlor	4.933	3.937	279.4E6	113.9E6	50.791	50.144
5)	MB Aldrin	5.276	4.216	270.2E6	109.5E6	50.545	49.386
6)	B beta-BHC	4.538	3.893	103.2E6	43178358	49.223	48.553
7)	B delta-BHC	4.787	4.124	262.2E6	105.6E6	51.010	50.220
8)	B Heptachlo...	5.703	4.720	238.1E6	98001519	49.418	49.019
9)	A Endosulfan I	6.090	5.090	223.7E6	92342941	50.138	49.311
10)	B gamma-Chl...	5.960	4.970	244.0E6	98217550	50.165	49.326
11)	B alpha-Chl...	6.039	5.034	240.4E6	97520519	50.029	49.075
12)	B 4,4'-DDE	6.212	5.223	217.4E6	77887040	51.222	50.673
13)	MA Dieldrin	6.366	5.355	238.2E6	97670887	50.928	49.587
14)	MA Endrin	6.596	5.631	194.9E6	85824202	48.941	48.623
15)	B Endosulfa...	6.815	5.925	187.7E6	77780458	50.532	50.126
16)	A 4,4'-DDD	6.729	5.778	174.5E6	62795313	51.930	51.957
17)	MA 4,4'-DDT	7.045	6.030	184.7E6	66119902	52.536	54.632
18)	B Endrin al...	6.945	6.105	144.0E6	61760645	52.537m	54.042
19)	B Endosulfa...	7.181	6.328	186.7E6	77316897	50.524	50.886
20)	A Methoxychlor	7.521	6.606	96200732	33588616	50.334	52.597
21)	B Endrin ke...	7.668	6.835	217.8E6	90878444	52.177	51.994
22)	Mirex	8.142	7.017	158.1E6	72628315	50.031	48.998

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
Data File : PD076348.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jul 2023 16:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

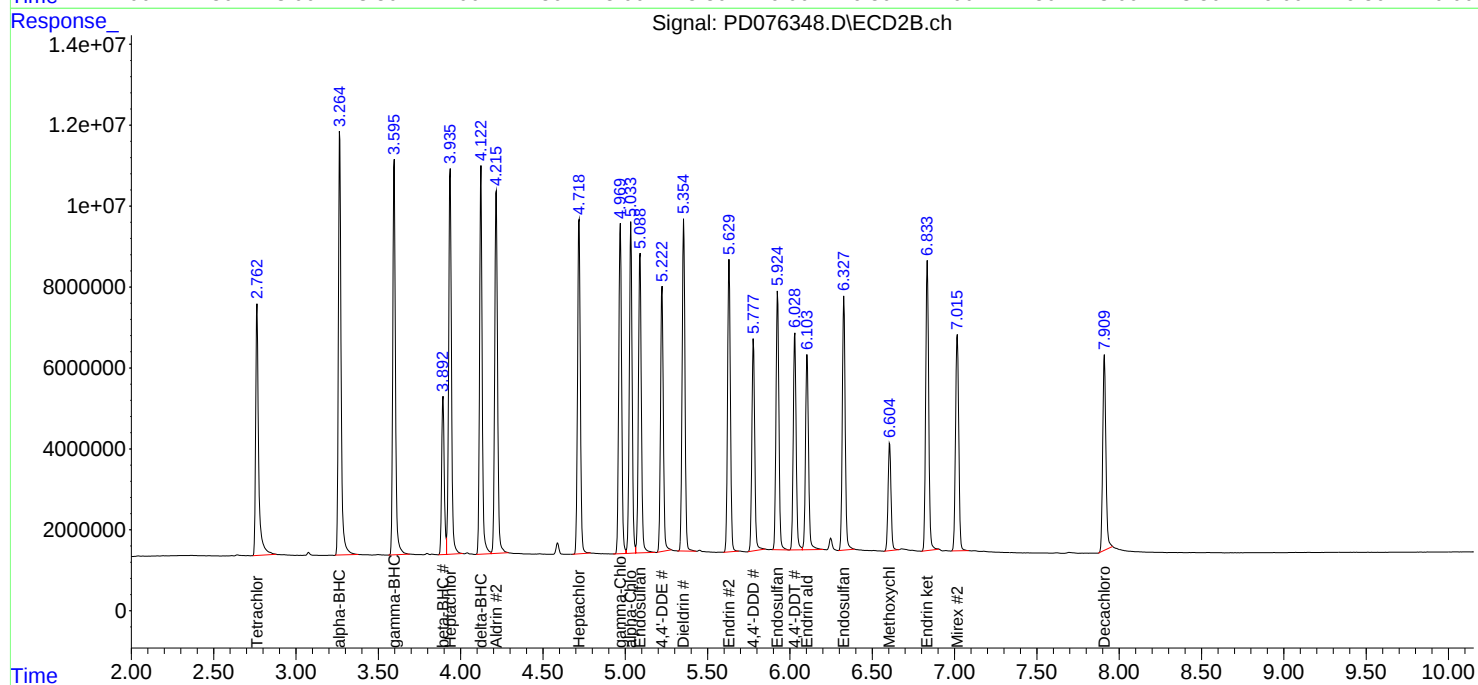
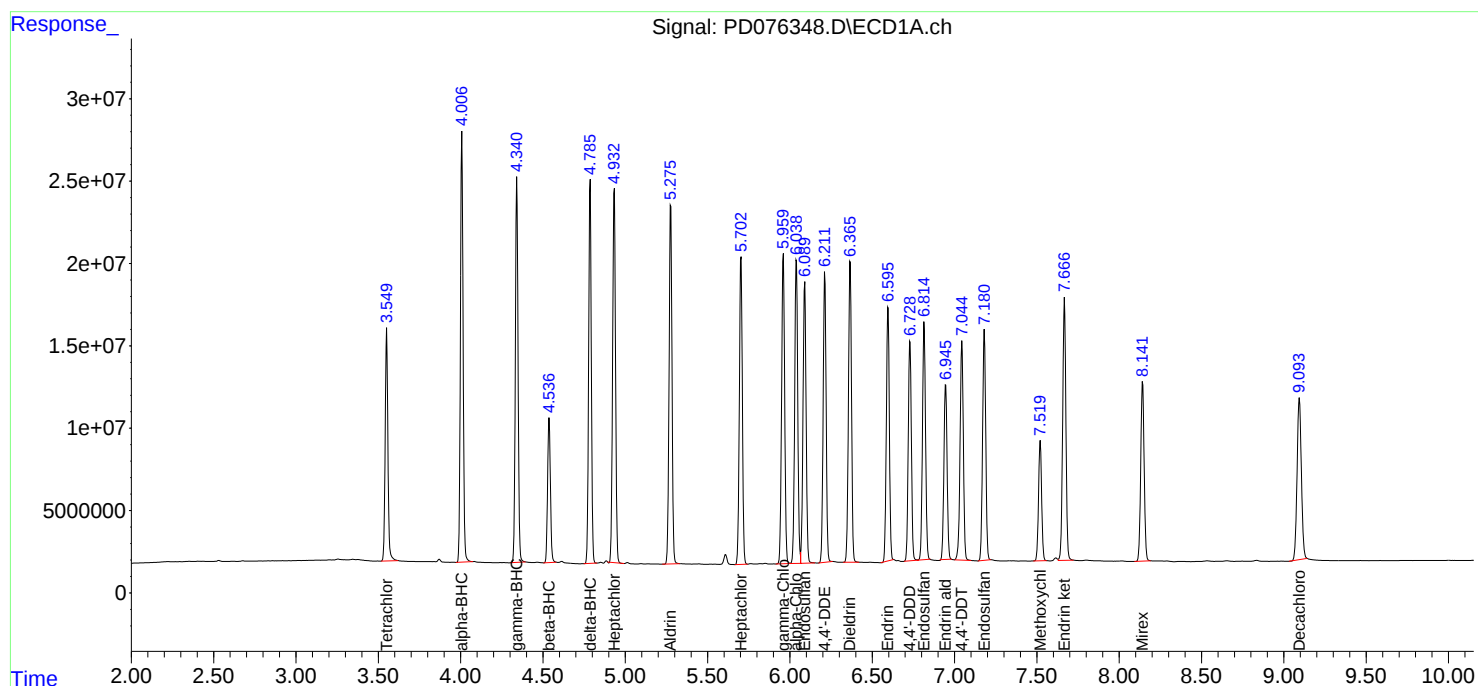
APPROVED

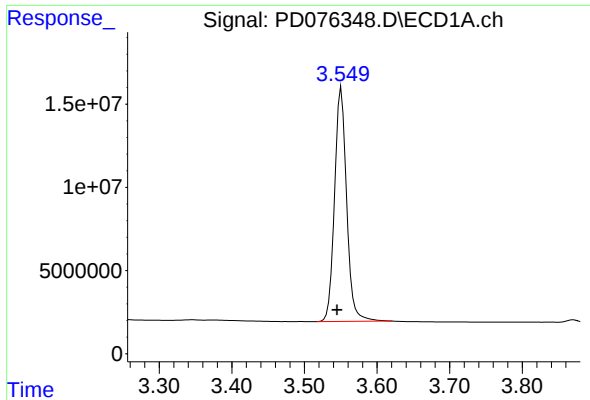
Reviewed By :Abdul Mirza 07/06/2023

Supervised By :Ankita Jodhani 07/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 05 22:21:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
Quant Title : GC Extractables
QLast Update : Wed Jul 05 05:21:22 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.: 3.551 min
Delta R.T.: 0.006 min
Response: 162374621
Conc: 49.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

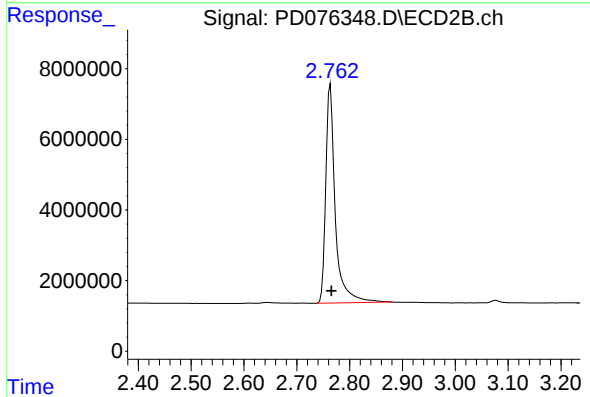
PSTDCCC050

Manual Integrations

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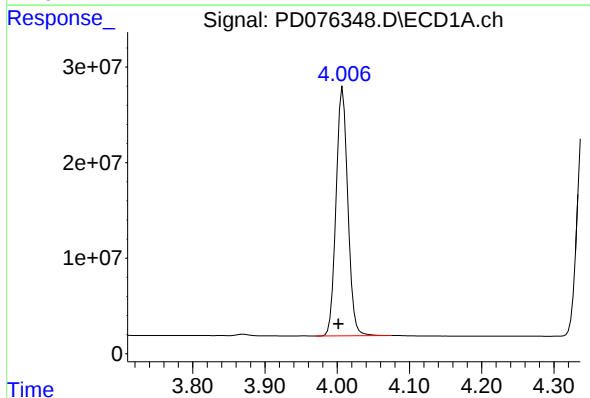
Reviewed By :Abdul Mirza 07/06/2023

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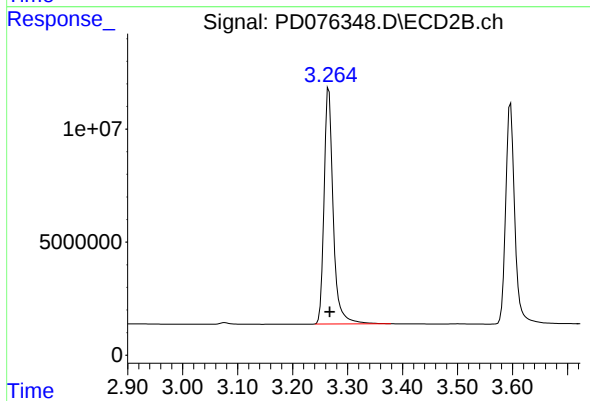
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: -0.002 min
Response: 77689915
Conc: 48.91 ng/ml



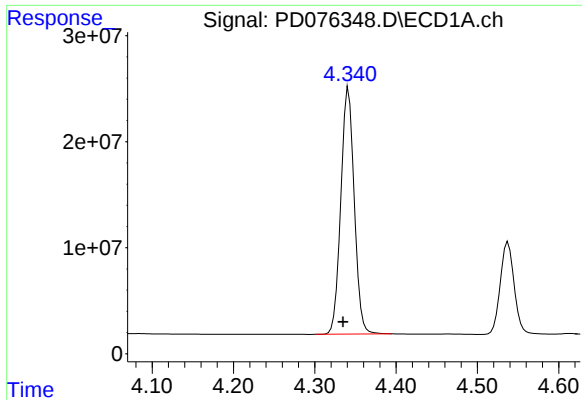
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 294546441
Conc: 50.85 ng/ml



#2 alpha-BHC

R.T.: 3.266 min
Delta R.T.: -0.002 min
Response: 121051044
Conc: 50.24 ng/ml



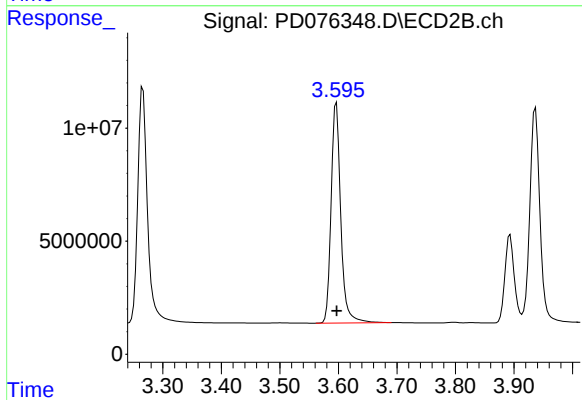
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.006 min
Response: 265849263
Conc: 50.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

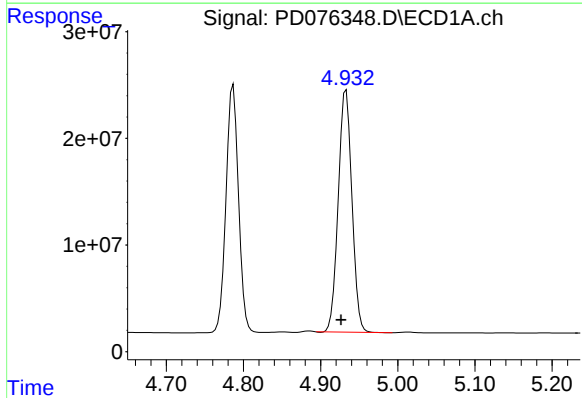
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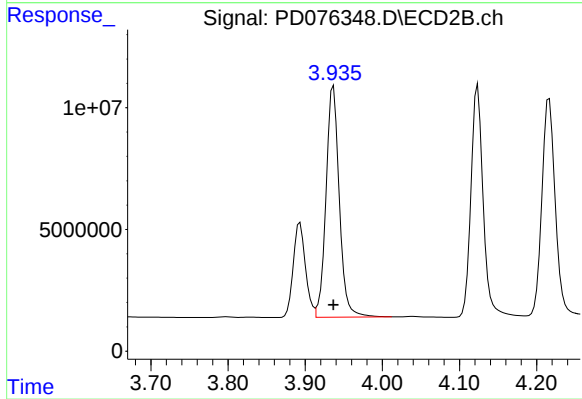
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 111548659
Conc: 50.10 ng/ml



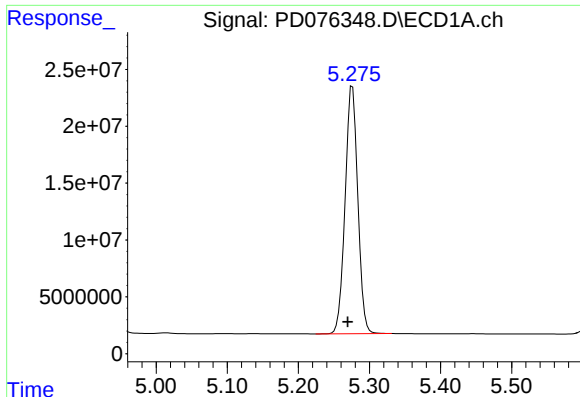
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.007 min
Response: 279354703
Conc: 50.79 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 113901146
Conc: 50.14 ng/ml



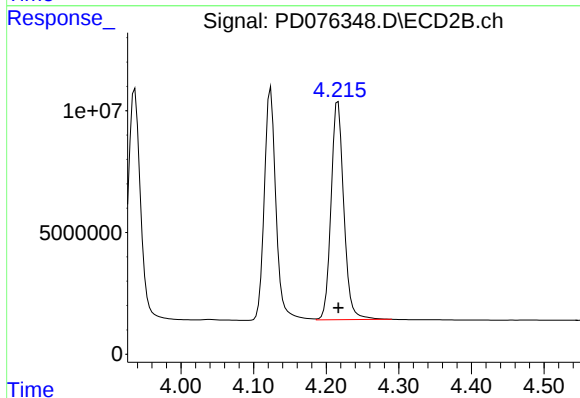
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.007 min
Response: 270232276
Conc: 50.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

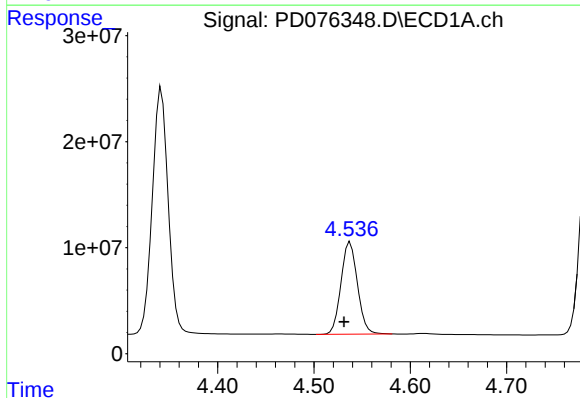
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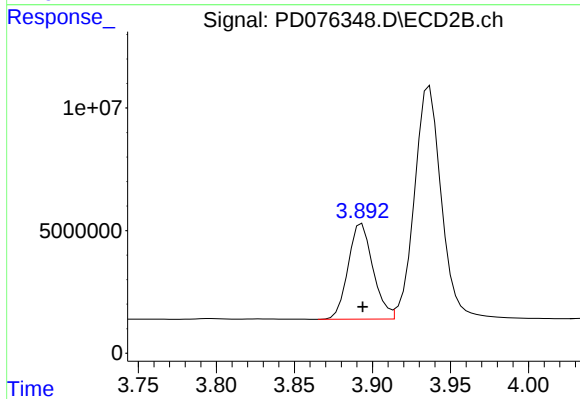
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 109456212
Conc: 49.39 ng/ml



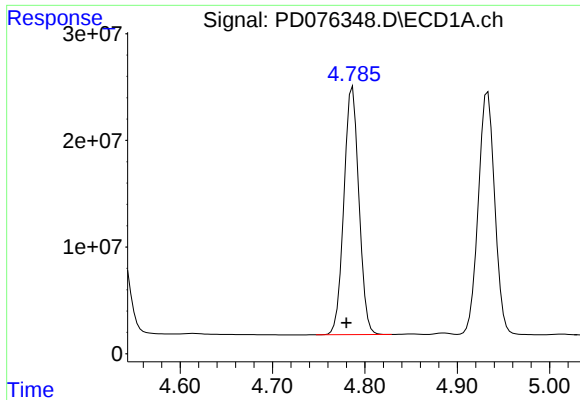
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.006 min
Response: 103172996
Conc: 49.22 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 43178358
Conc: 48.55 ng/ml



#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.007 min
Response: 262178640
Conc: 51.01 ng/ml

Instrument :

ECD_D

ClientSampleId :

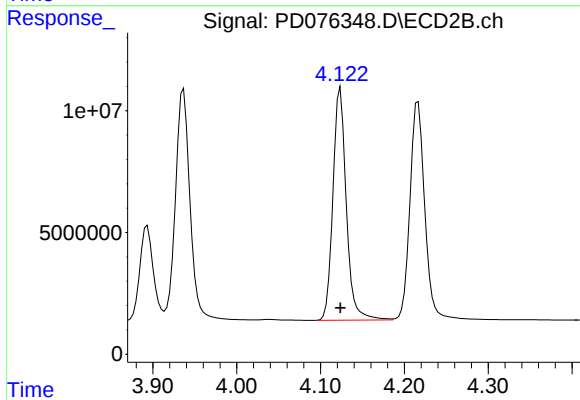
PSTDCCC050

Manual Integrations

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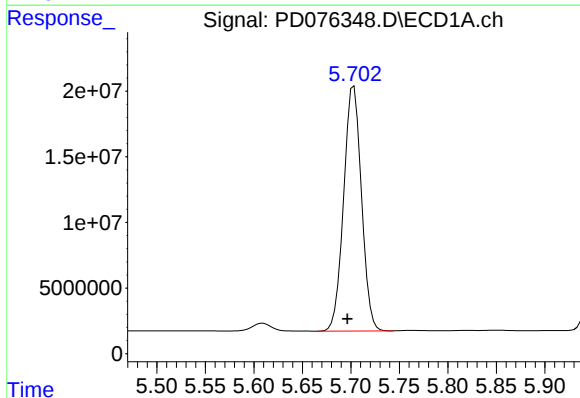
Reviewed By :Abdul Mirza 07/06/2023

Supervised By :Ankita Jodhani 07/06/2023



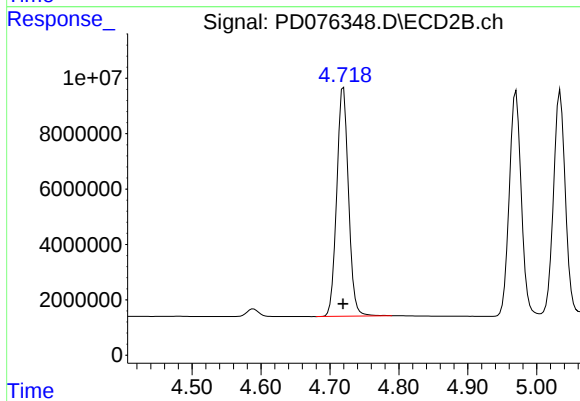
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 105595813
Conc: 50.22 ng/ml



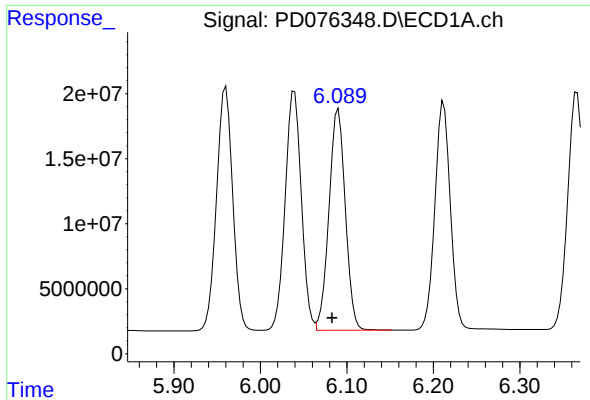
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 238111296
Conc: 49.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 98001519
Conc: 49.02 ng/ml



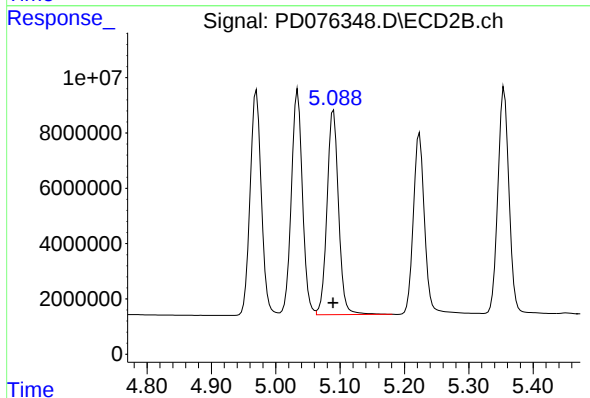
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.007 min
Response: 223665866
Conc: 50.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

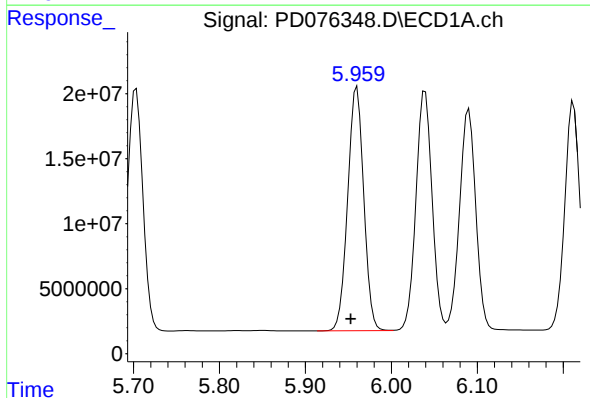
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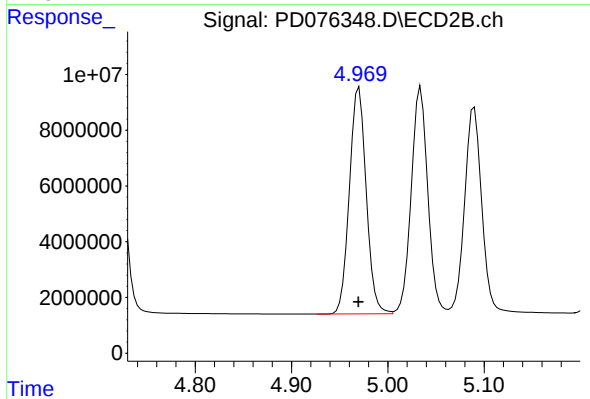
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 92342941
Conc: 49.31 ng/ml



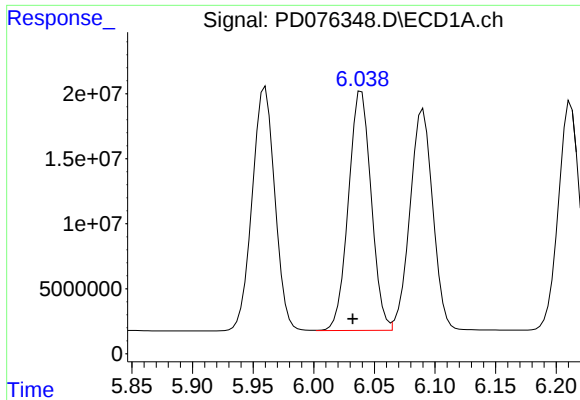
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.007 min
Response: 243957647
Conc: 50.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 98217550
Conc: 49.33 ng/ml



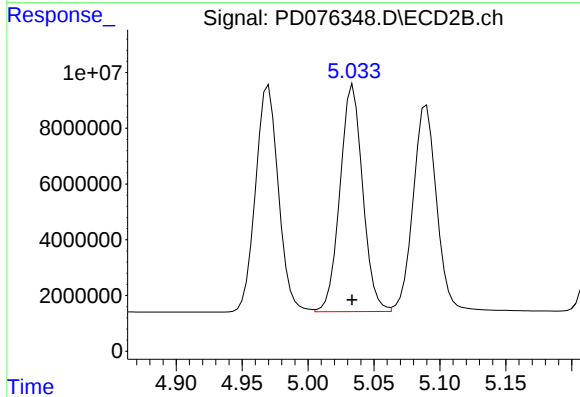
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.007 min
Response: 240352038
Conc: 50.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

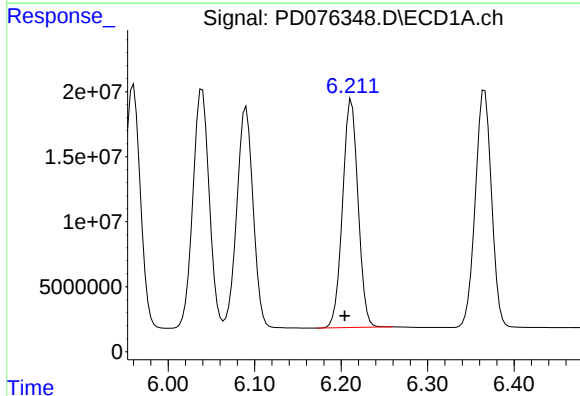
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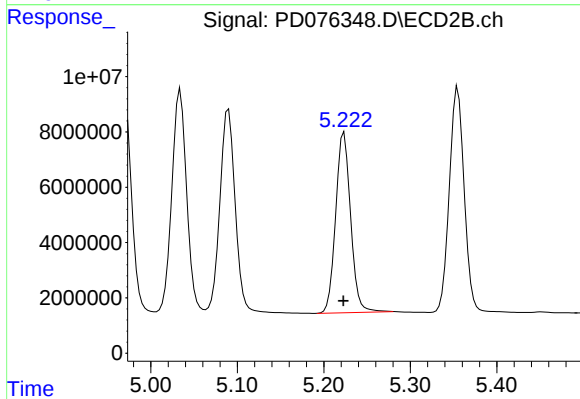
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 97520519
Conc: 49.07 ng/ml



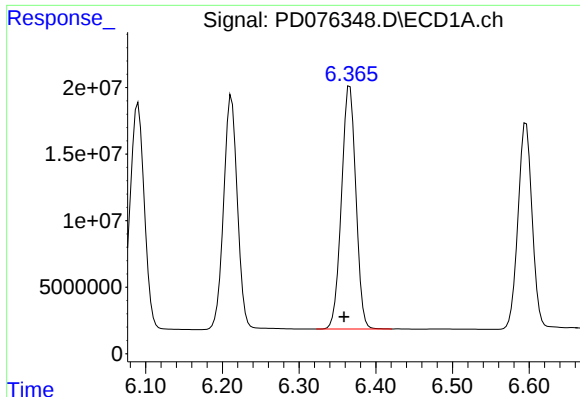
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 217426854
Conc: 51.22 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 77887040
Conc: 50.67 ng/ml



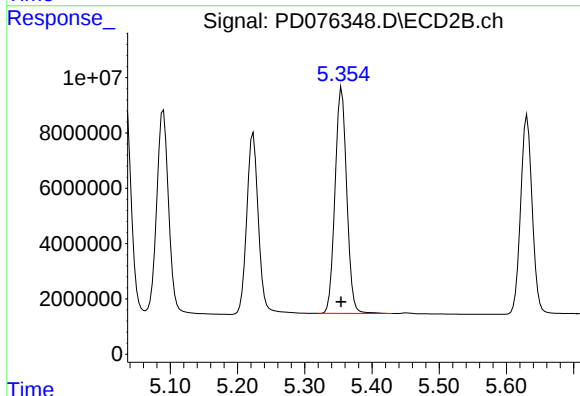
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.007 min
Response: 238245855
Conc: 50.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

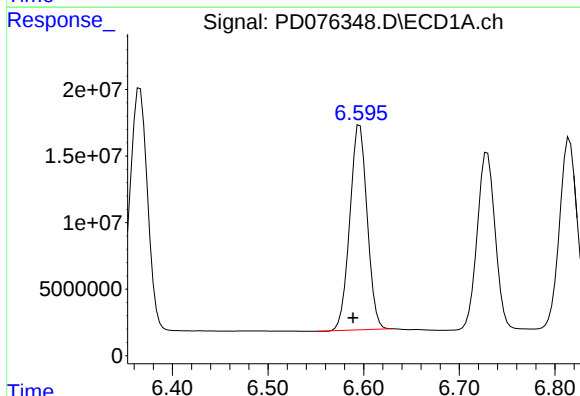
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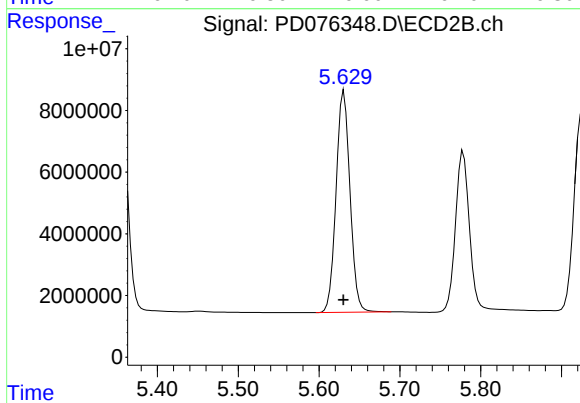
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 97670887
Conc: 49.59 ng/ml



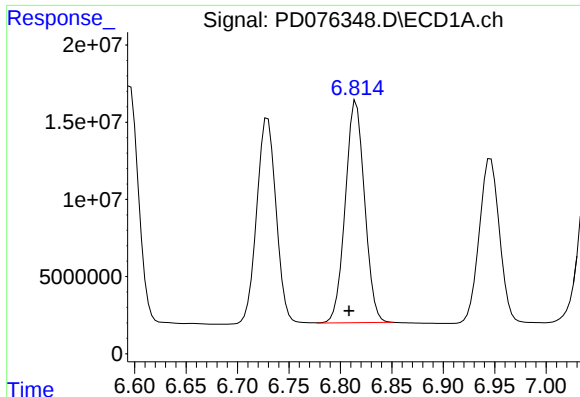
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 194850992
Conc: 48.94 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 85824202
Conc: 48.62 ng/ml



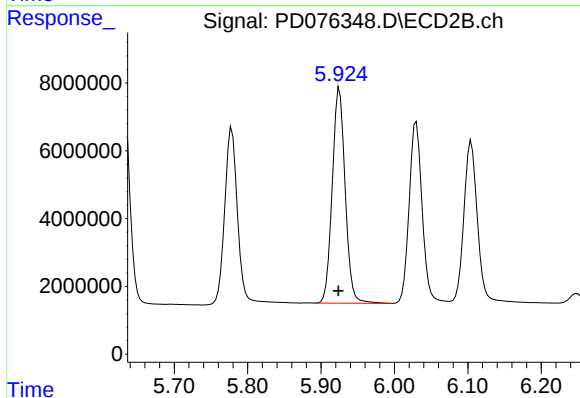
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.007 min
Response: 187655561
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

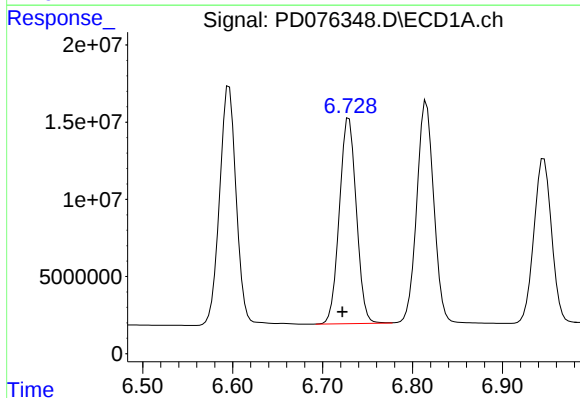
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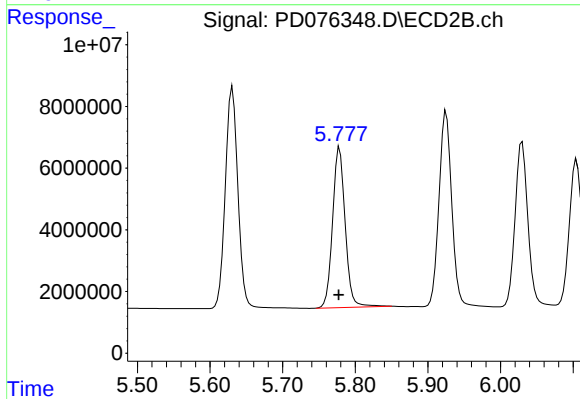
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.001 min
Response: 77780458
Conc: 50.13 ng/ml



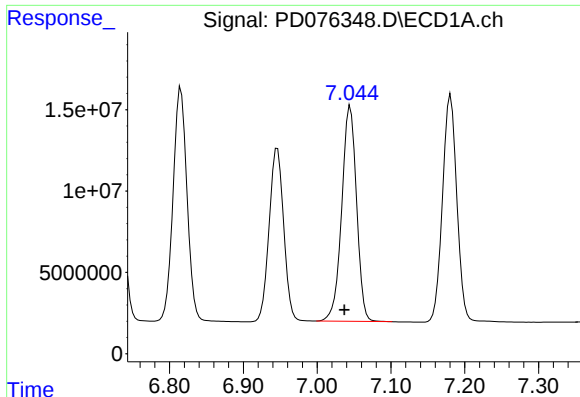
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.007 min
Response: 174466224
Conc: 51.93 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 62795313
Conc: 51.96 ng/ml



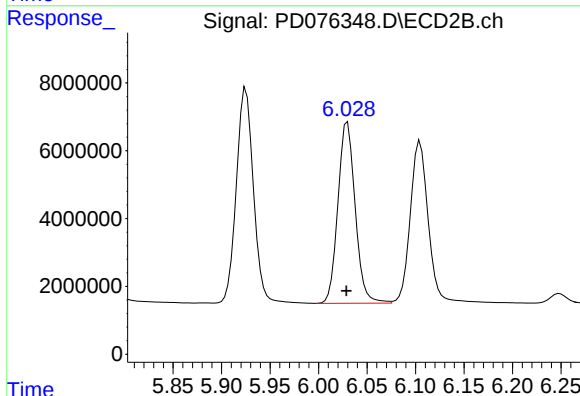
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 184717034
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

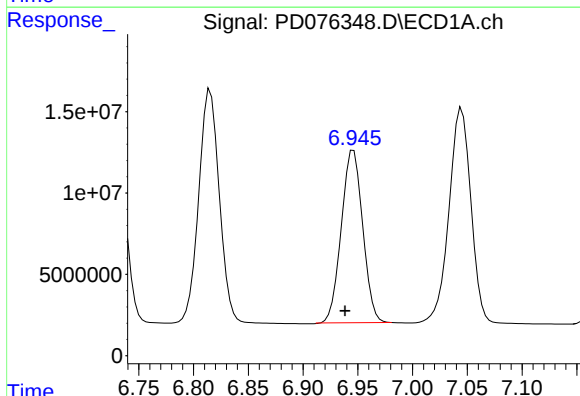
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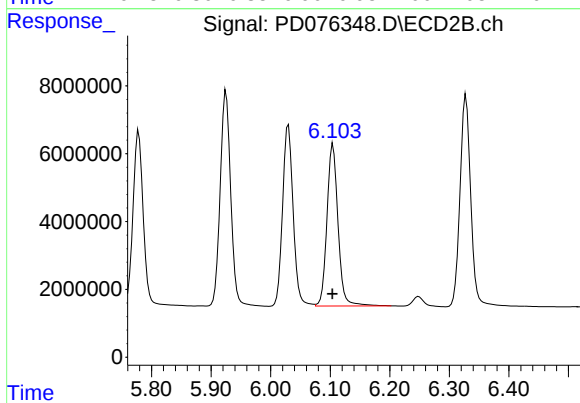
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 66119902
Conc: 54.63 ng/ml



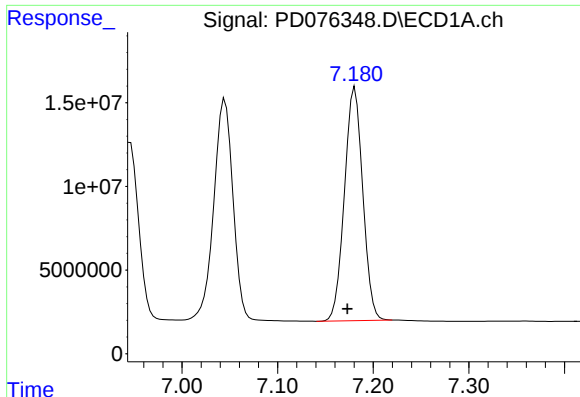
#18 Endrin aldehyde

R.T.: 6.945 min
Delta R.T.: 0.006 min
Response: 143998952
Conc: 52.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 61760645
Conc: 54.04 ng/ml



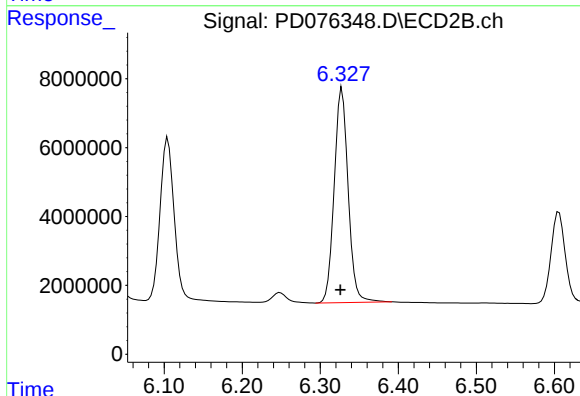
#19 Endosulfan Sulfate

R.T.: 7.181 min
Delta R.T.: 0.008 min
Response: 186679636
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

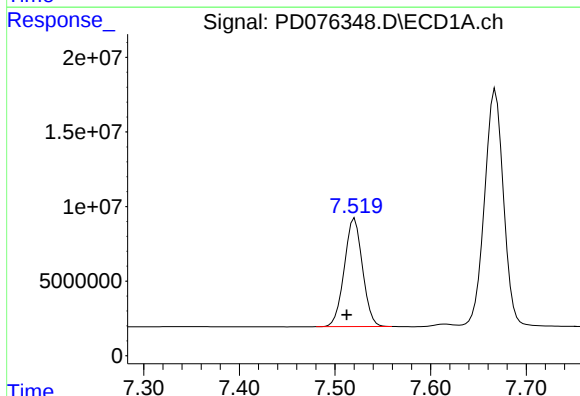
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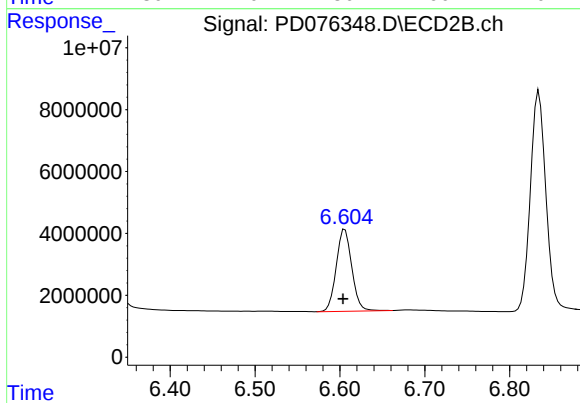
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: 0.002 min
Response: 77316897
Conc: 50.89 ng/ml



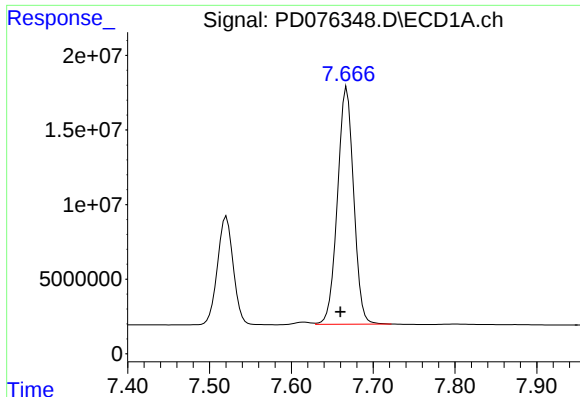
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.008 min
Response: 96200732
Conc: 50.33 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 33588616
Conc: 52.60 ng/ml



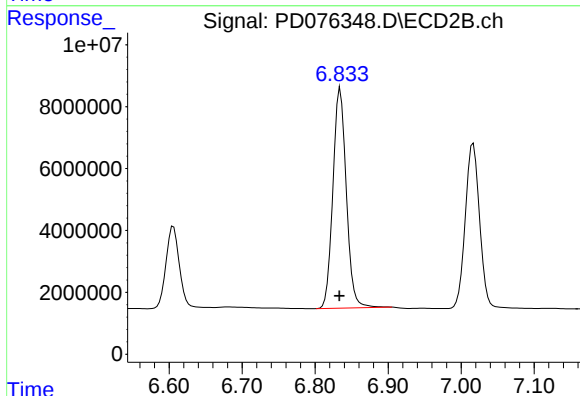
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: 0.008 min
Response: 217824879
Conc: 52.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

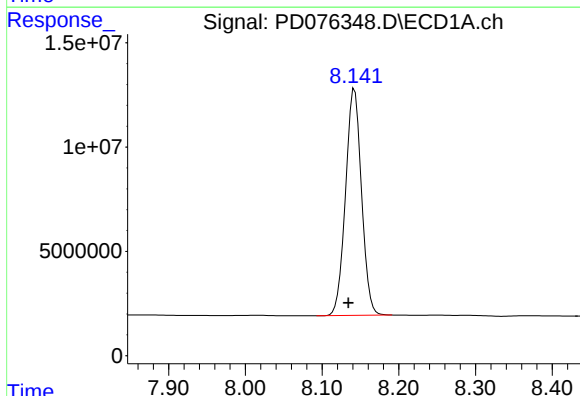
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/06/2023
Supervised By :Ankita Jodhani 07/06/2023



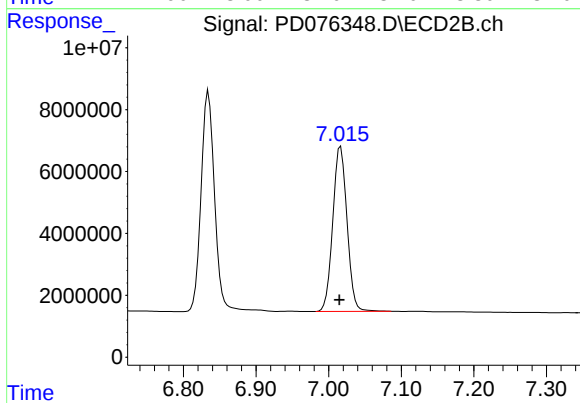
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 90878444
Conc: 51.99 ng/ml



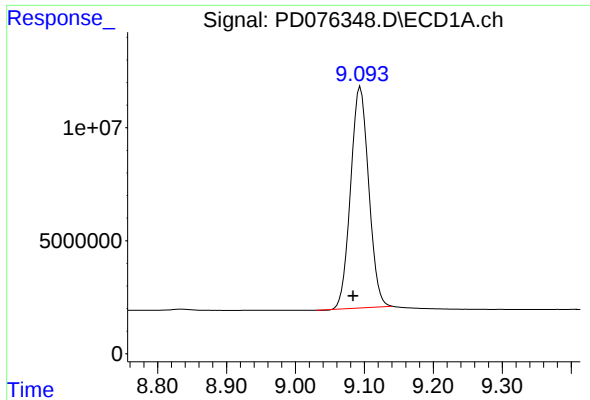
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.008 min
Response: 158086099
Conc: 50.03 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 72628315
Conc: 49.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.094 min
Delta R.T.: 0.011 min
Response: 178626322
Conc: 50.24 ng/ml

Instrument :

ECD_D

ClientSampleId :

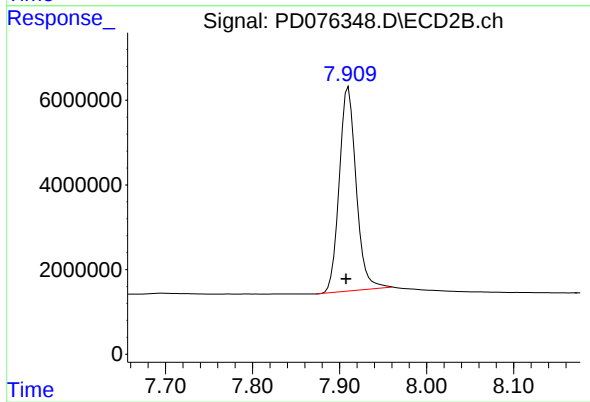
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.003 min
Response: 65106958
Conc: 51.73 ng/ml