

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070922\
 Data File : PD070778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2022 10:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/11/2022
 Supervised By : Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 22:56:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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 x 0.2 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...	3.490	4.123	114.3E6	1332.8E6	46.804	51.538
28)	SA Decachlor...	8.269	9.313	117.2E6	381.5E6	47.270	46.369
Target Compounds							
2)	A alpha-BHC	3.933	4.526	167.6E6	1928.1E6	47.720	52.466m
3)	MA gamma-BHC...	4.218	4.820	156.5E6	1762.5E6	45.998	54.248
4)	MA Heptachlor	4.520	5.335	157.9E6	1666.1E6	46.812	53.783
5)	MB Aldrin	4.770	5.648	157.9E6	1506.1E6	47.820	53.419
6)	B beta-BHC	4.468	4.996	65466922	727.3E6	44.862	52.607
7)	B delta-BHC	4.674	5.219	156.5E6	1606.6E6	47.845	56.165
8)	B Heptachlo...	5.215	6.042	141.9E6	1273.0E6	47.081	55.939
9)	A Endosulfan I	5.556	6.407	131.5E6	1089.2E6	46.978	53.187
10)	B gamma-Chl...	5.443	6.279	146.9E6	1224.3E6	47.361	53.689
11)	B alpha-Chl...	5.502	6.352	143.5E6	1163.8E6	47.175	52.832
12)	B 4,4'-DDE	5.668	6.507	139.1E6	1096.7E6	47.840	53.629
13)	MA Dieldrin	5.801	6.668	144.4E6	1083.3E6	47.986	53.450
14)	MA Endrin	6.059	6.891	119.1E6	766.7E6	44.311	49.805
15)	B Endosulfa...	6.333	7.105	116.8E6	764.5E6	49.196	52.075
16)	A 4,4'-DDD	6.186	7.005	119.7E6	802.1E6	49.071	56.677m
17)	MA 4,4'-DDT	6.428	7.308	121.1E6	770.1E6	48.513	50.540
18)	B Endrin al...	6.504	7.230	90617549	599.1E6	48.744	52.321
19)	B Endosulfa...	6.716	7.454	116.3E6	713.4E6	47.895	51.988
20)	A Methoxychlor	6.979	7.766	65400162	339.8E6	45.756	49.544
21)	B Endrin ke...	7.210	7.935	139.3E6	664.0E6	52.382	51.740
22)	Mirex	7.398	8.389	102.7E6	394.5E6	46.928	49.399

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

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Data File : PD070778.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2022 10:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

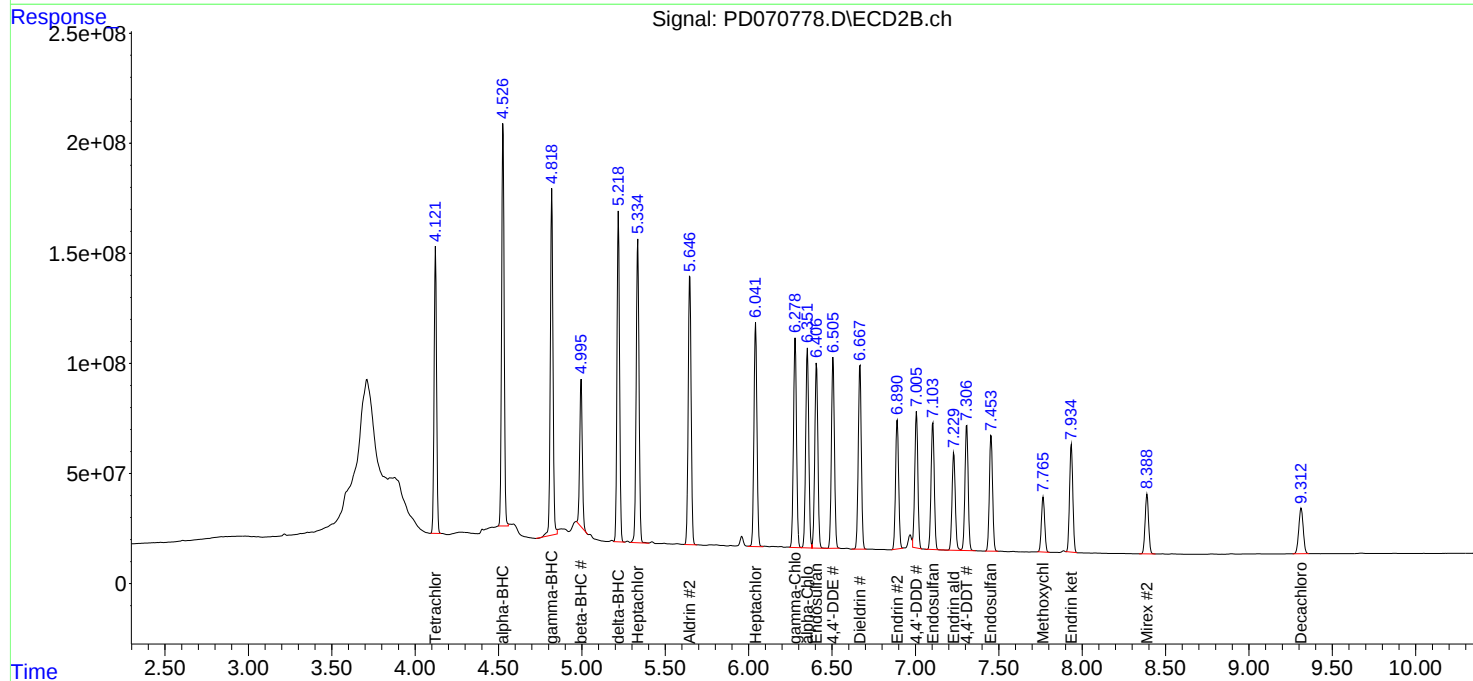
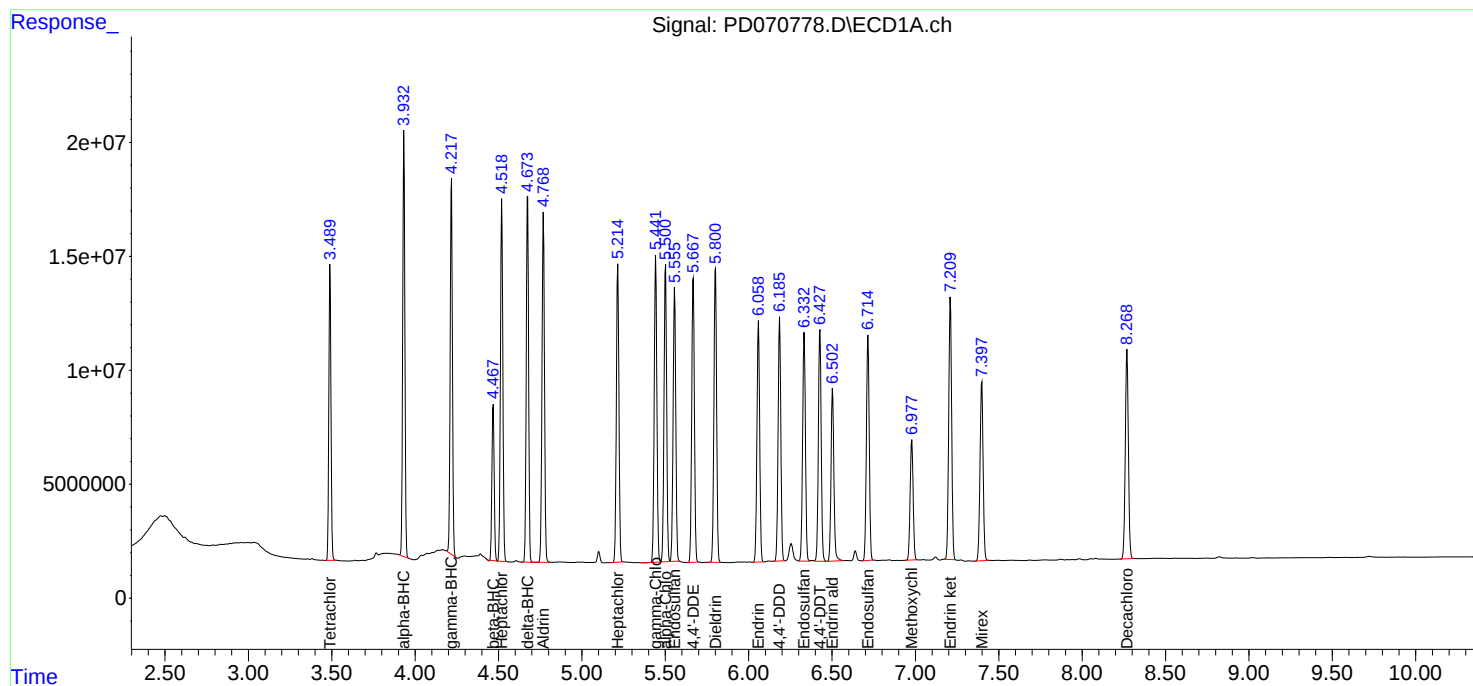
APPROVED

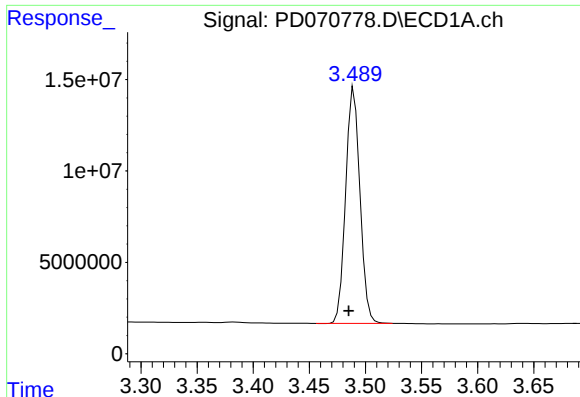
Reviewed By :Abdul Mirza 07/11/2022

Supervised By :Ankita Jodhani 07/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 22:56:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Tue Jul 05 15:26:13 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.: 3.490 min
Delta R.T.: 0.005 min
Response: 114262753
Conc: 46.80 ng/ml

Instrument :

ECD_D

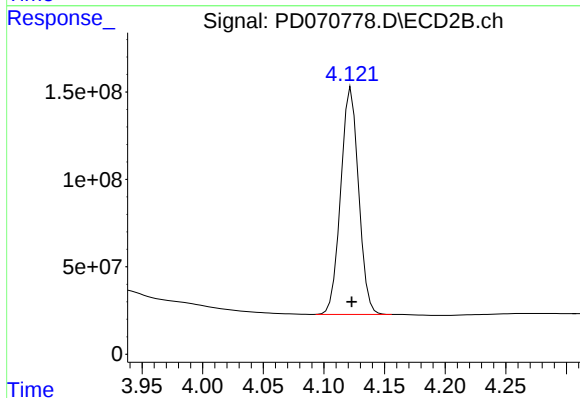
ClientSampleId :

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Manual Integrations

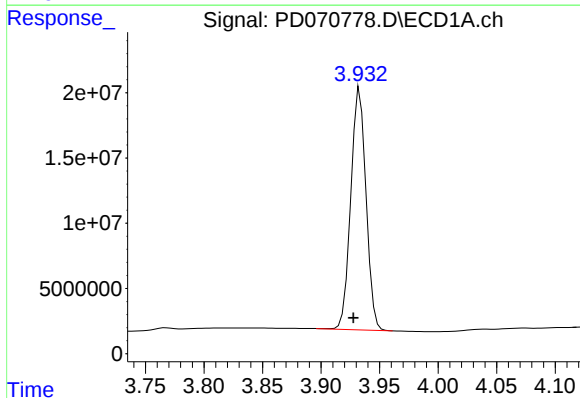
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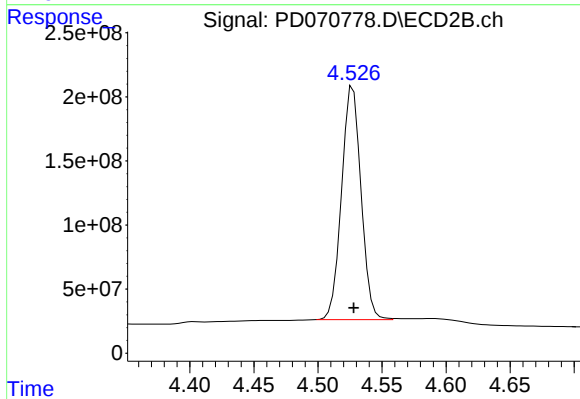
#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 1332833856
Conc: 51.54 ng/ml



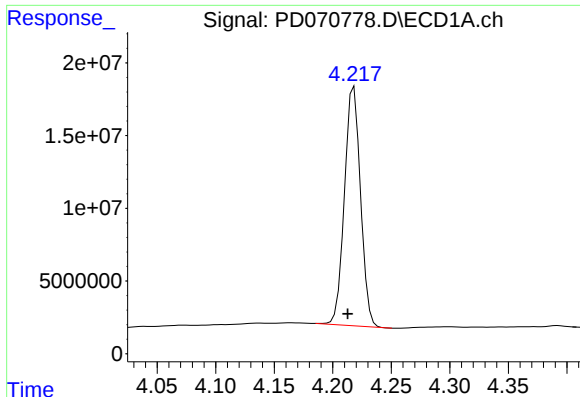
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.005 min
Response: 167567538
Conc: 47.72 ng/ml



#2 alpha-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 1928084494
Conc: 52.47 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.005 min
Response: 156519362
Conc: 46.00 ng/ml

Instrument :

ECD_D

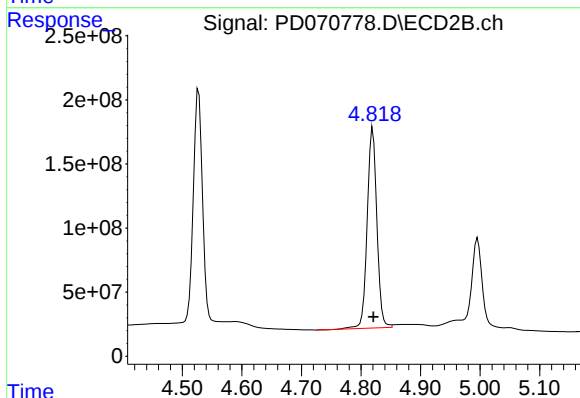
ClientSampleId :

PSTDCCC050

Manual Integrations

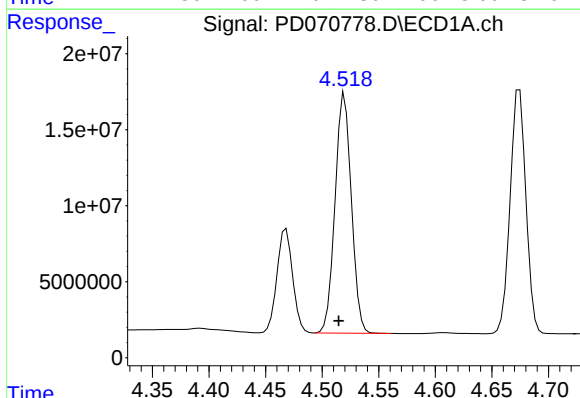
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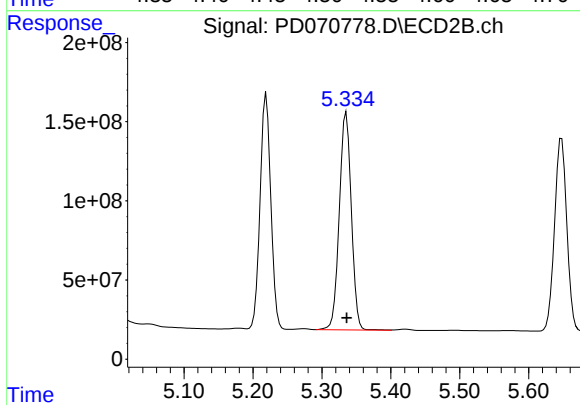
#3 gamma-BHC (Lindane)

R.T.: 4.820 min
Delta R.T.: -0.001 min
Response: 1762522037
Conc: 54.25 ng/ml



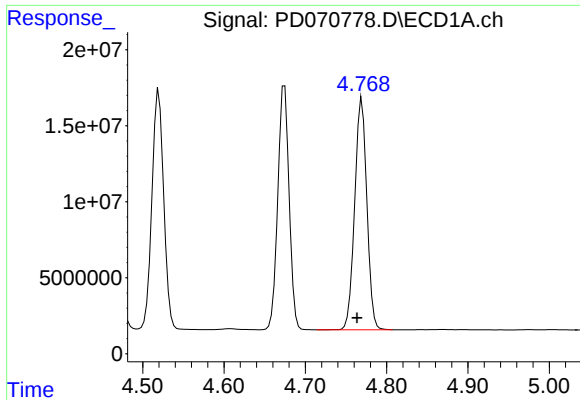
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.005 min
Response: 157875820
Conc: 46.81 ng/ml



#4 Heptachlor

R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 1666117995
Conc: 53.78 ng/ml



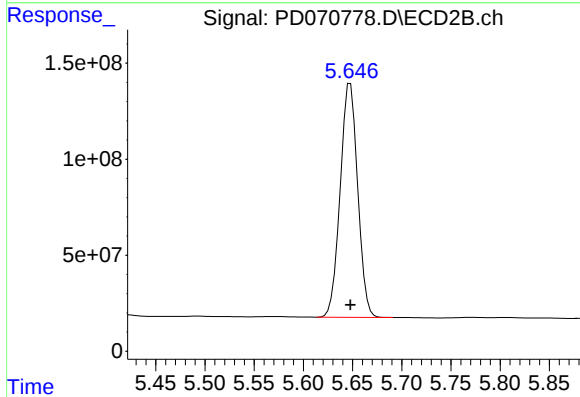
#5 Aldrin

R.T.: 4.770 min
Delta R.T.: 0.006 min
Response: 157853517
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

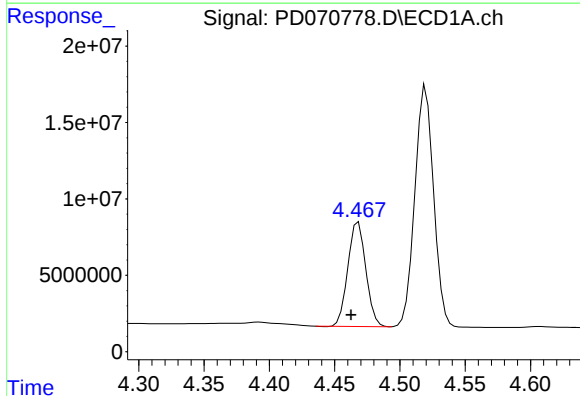
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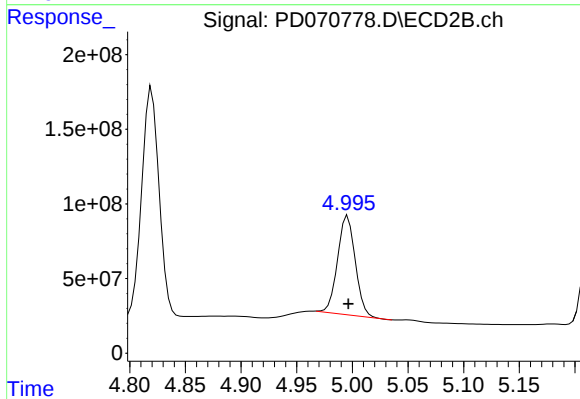
#5 Aldrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 1506053098
Conc: 53.42 ng/ml



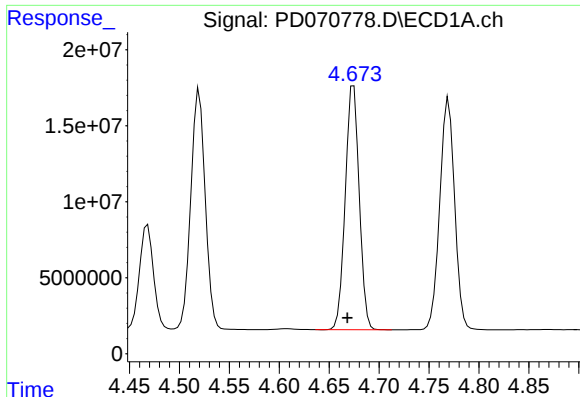
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.006 min
Response: 65466922
Conc: 44.86 ng/ml



#6 beta-BHC

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 727261986
Conc: 52.61 ng/ml



#7 delta-BHC

R.T.: 4.674 min
Delta R.T.: 0.006 min
Response: 156525556
Conc: 47.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

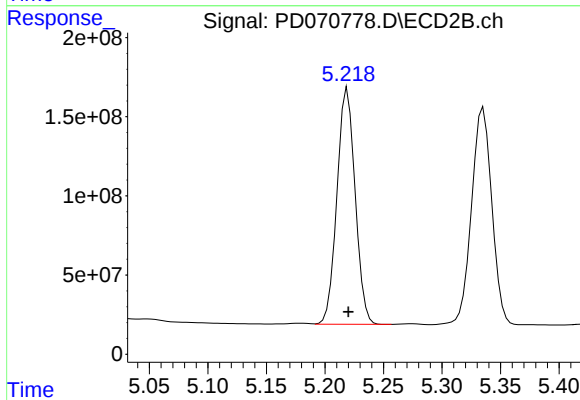
PSTDCCC050

Manual Integrations

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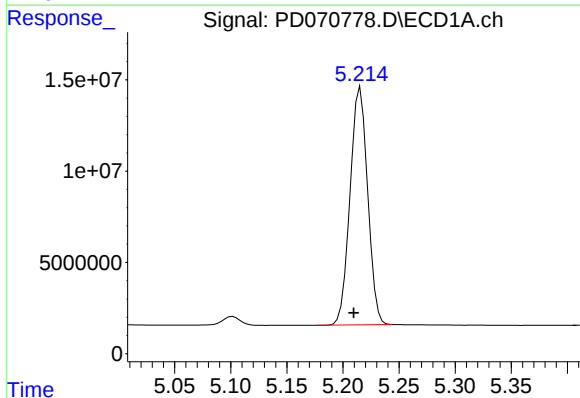
Reviewed By :Abdul Mirza 07/11/2022

Supervised By :Ankita Jodhani 07/11/2022



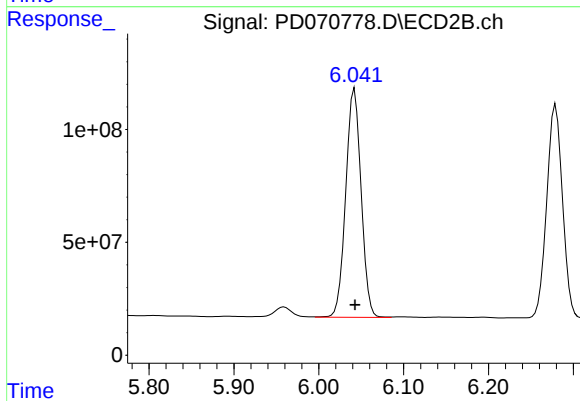
#7 delta-BHC

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 1606600738
Conc: 56.16 ng/ml



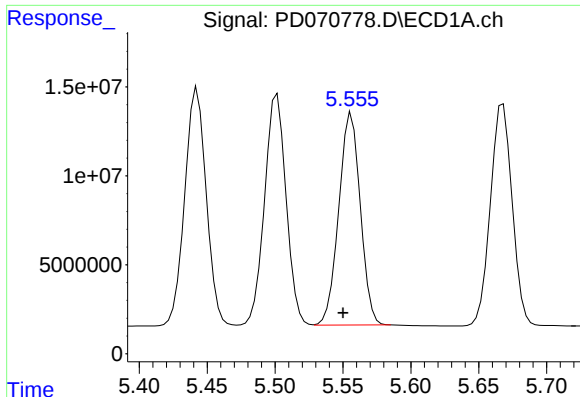
#8 Heptachlor epoxide

R.T.: 5.215 min
Delta R.T.: 0.006 min
Response: 141856490
Conc: 47.08 ng/ml



#8 Heptachlor epoxide

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 1272954030
Conc: 55.94 ng/ml



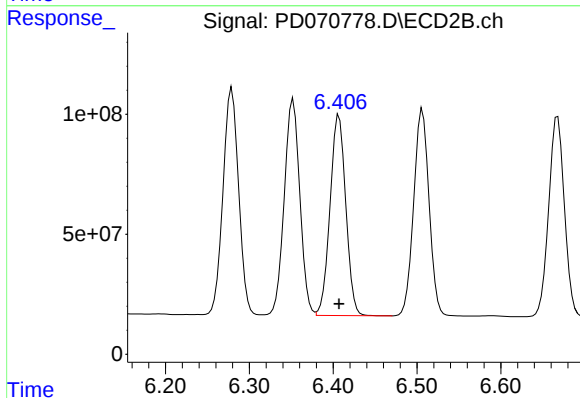
#9 Endosulfan I

R.T.: 5.556 min
Delta R.T.: 0.006 min
Response: 131531089
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

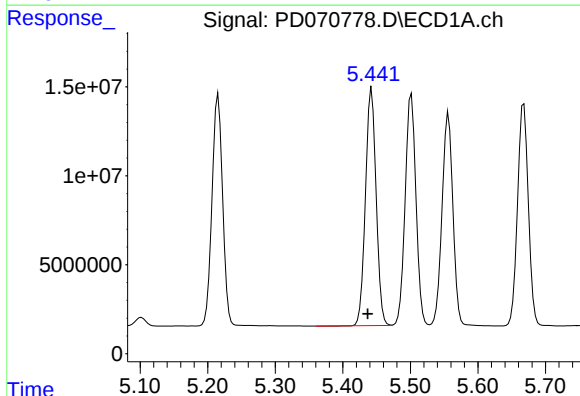
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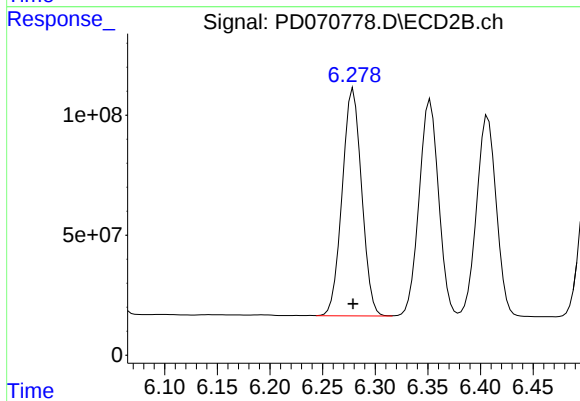
#9 Endosulfan I

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 1089189292
Conc: 53.19 ng/ml



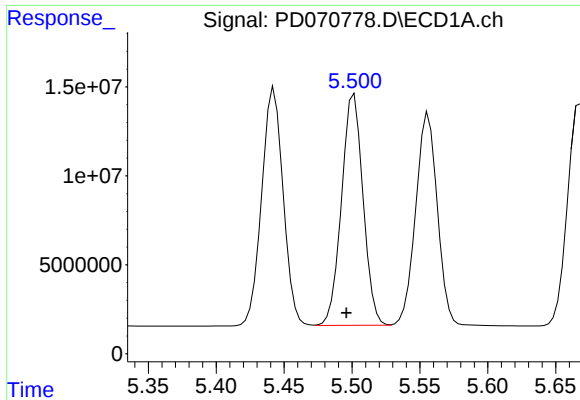
#10 gamma-Chlordane

R.T.: 5.443 min
Delta R.T.: 0.006 min
Response: 146901167
Conc: 47.36 ng/ml



#10 gamma-Chlordane

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 1224343582
Conc: 53.69 ng/ml



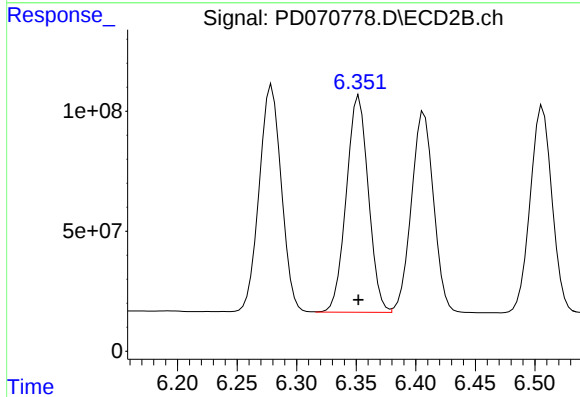
#11 alpha-Chlordane

R.T.: 5.502 min
Delta R.T.: 0.006 min
Response: 143483585
Conc: 47.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

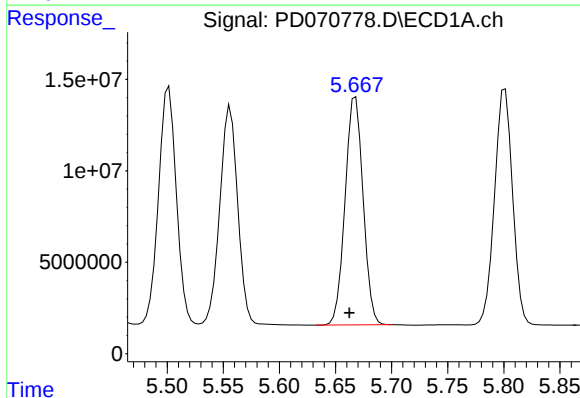
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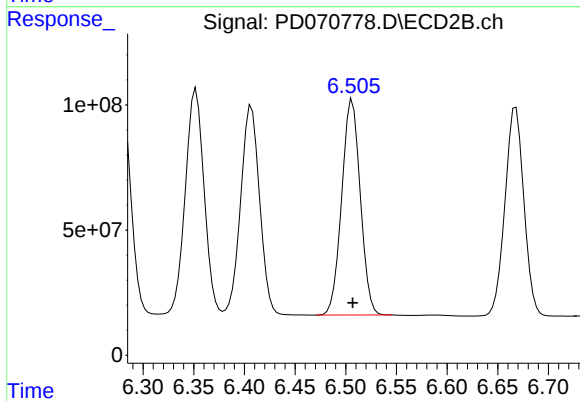
#11 alpha-Chlordane

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 1163800787
Conc: 52.83 ng/ml



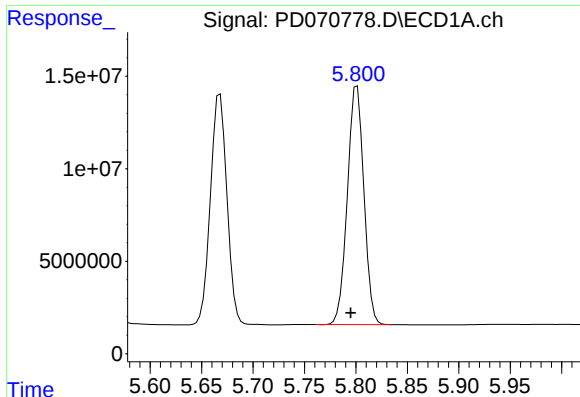
#12 4,4'-DDE

R.T.: 5.668 min
Delta R.T.: 0.006 min
Response: 139085075
Conc: 47.84 ng/ml



#12 4,4'-DDE

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 1096672741
Conc: 53.63 ng/ml



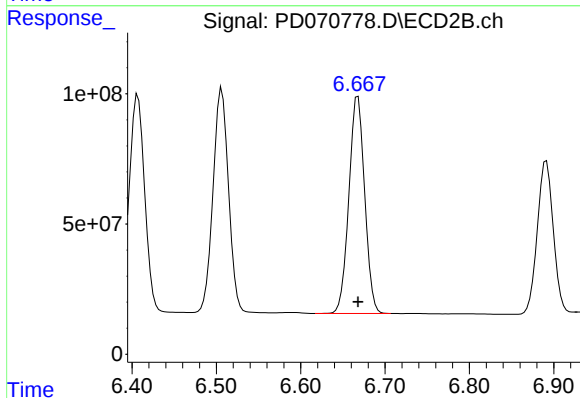
#13 Dieldrin

R.T.: 5.801 min
Delta R.T.: 0.006 min
Response: 144377150
Conc: 47.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

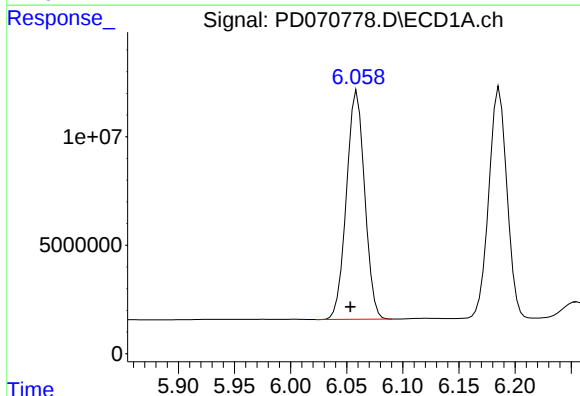
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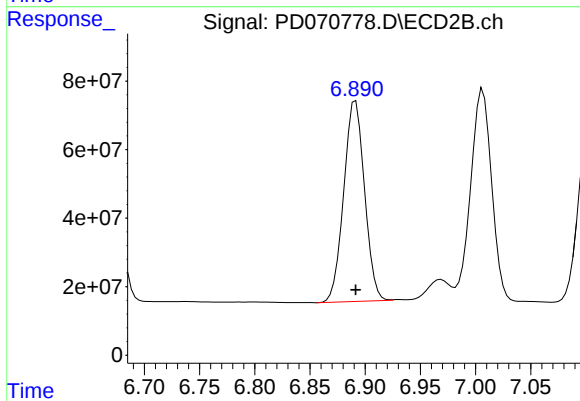
#13 Dieldrin

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 1083341476
Conc: 53.45 ng/ml



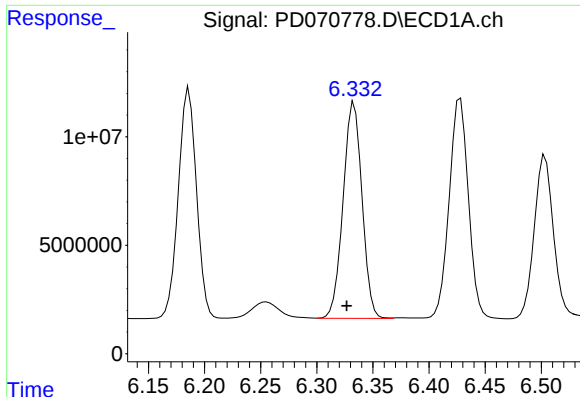
#14 Endrin

R.T.: 6.059 min
Delta R.T.: 0.006 min
Response: 119126869
Conc: 44.31 ng/ml



#14 Endrin

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 766668711
Conc: 49.80 ng/ml



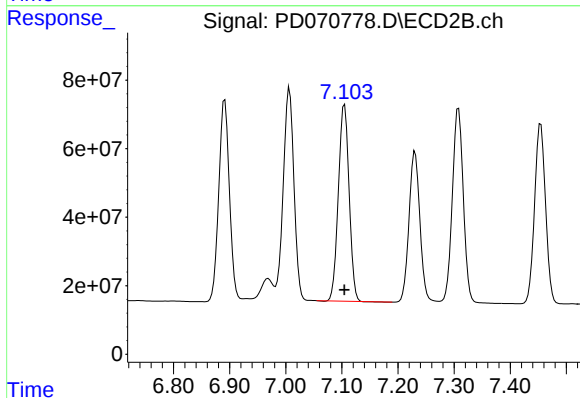
#15 Endosulfan II

R.T.: 6.333 min
Delta R.T.: 0.007 min
Response: 116800698
Conc: 49.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

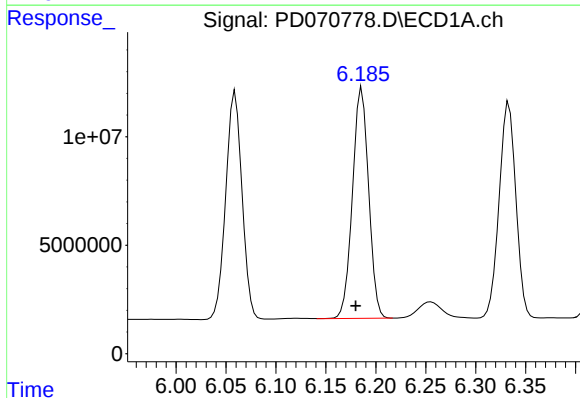
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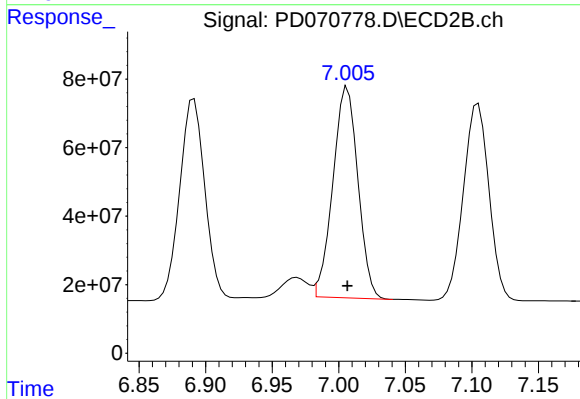
#15 Endosulfan II

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 764499932
Conc: 52.07 ng/ml



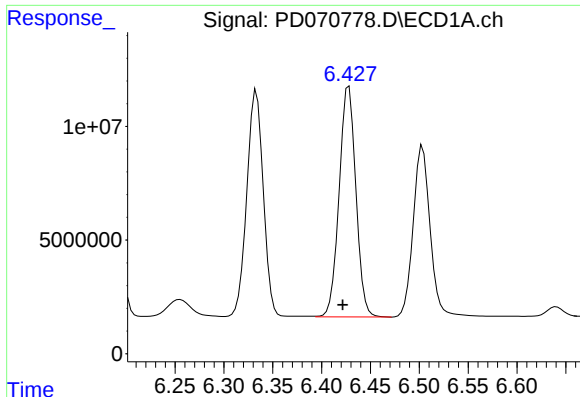
#16 4,4'-DDD

R.T.: 6.186 min
Delta R.T.: 0.006 min
Response: 119743975
Conc: 49.07 ng/ml



#16 4,4'-DDD

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 802113565
Conc: 56.68 ng/ml m



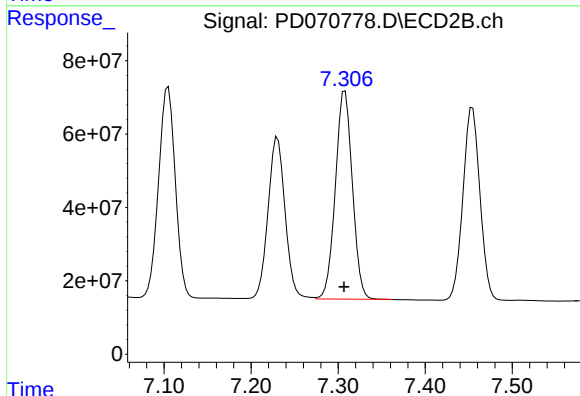
#17 4,4'-DDT

R.T.: 6.428 min
Delta R.T.: 0.006 min
Response: 121125917
Conc: 48.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

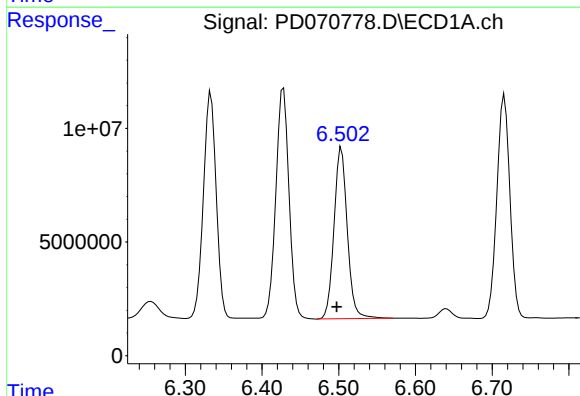
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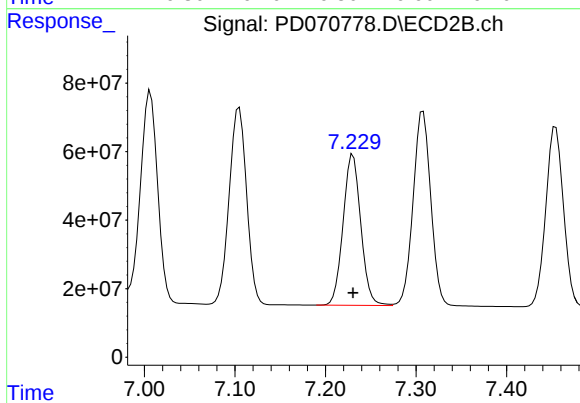
#17 4,4'-DDT

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 770079245
Conc: 50.54 ng/ml



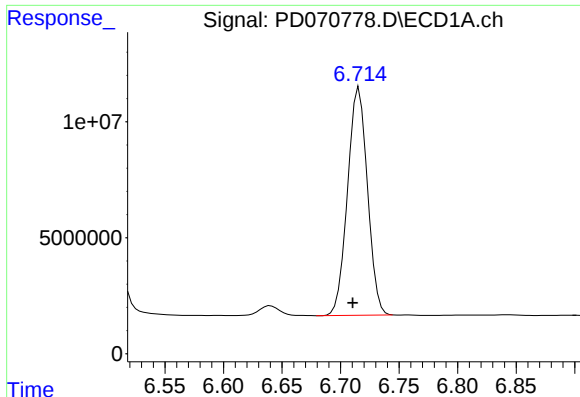
#18 Endrin aldehyde

R.T.: 6.504 min
Delta R.T.: 0.006 min
Response: 90617549
Conc: 48.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 599089410
Conc: 52.32 ng/ml



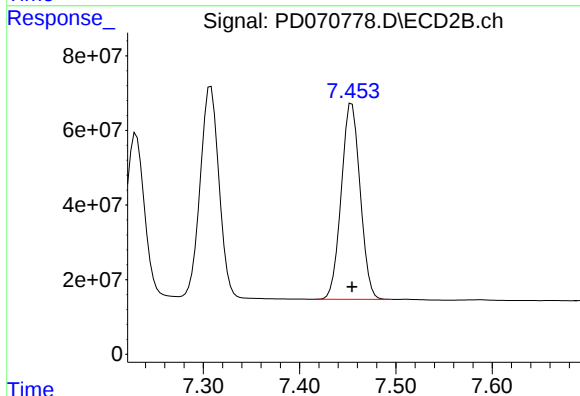
#19 Endosulfan Sulfate

R.T.: 6.716 min
Delta R.T.: 0.005 min
Response: 116333282
Conc: 47.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

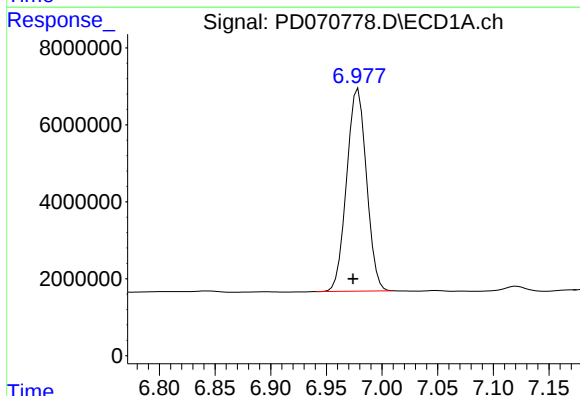
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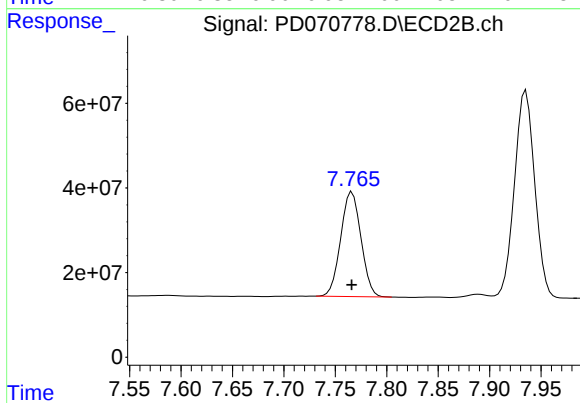
#19 Endosulfan Sulfate

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 713437714
Conc: 51.99 ng/ml



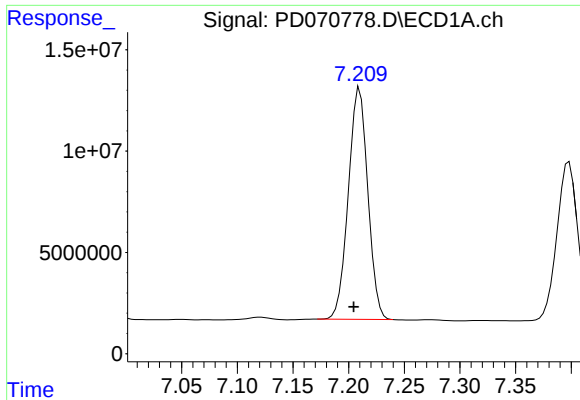
#20 Methoxychlor

R.T.: 6.979 min
Delta R.T.: 0.005 min
Response: 65400162
Conc: 45.76 ng/ml



#20 Methoxychlor

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 339778061
Conc: 49.54 ng/ml



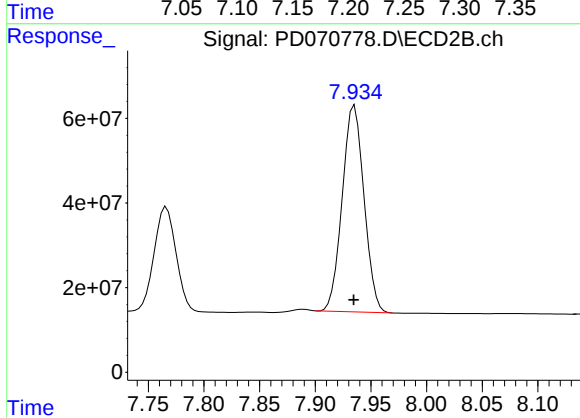
#21 Endrin ketone

R.T.: 7.210 min
Delta R.T.: 0.005 min
Response: 139349117
Conc: 52.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

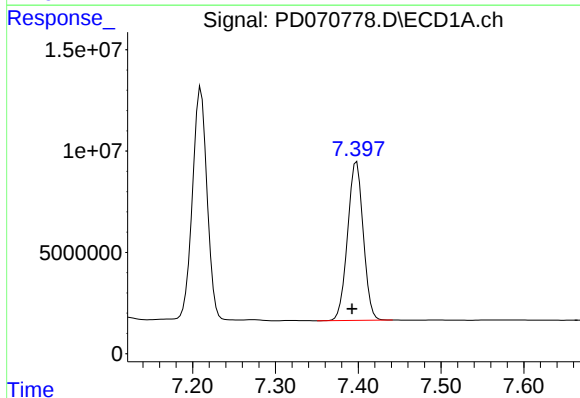
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2022
Supervised By :Ankita Jodhani 07/11/2022



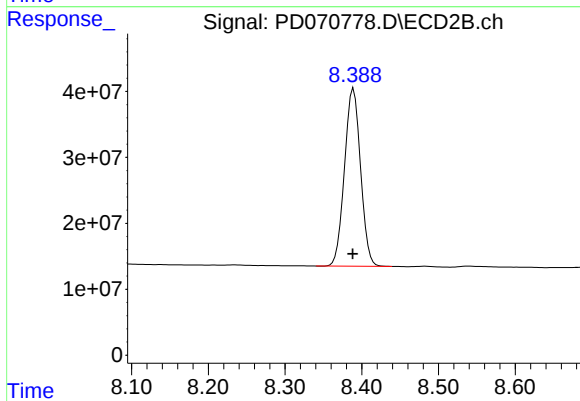
#21 Endrin ketone

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 663960721
Conc: 51.74 ng/ml



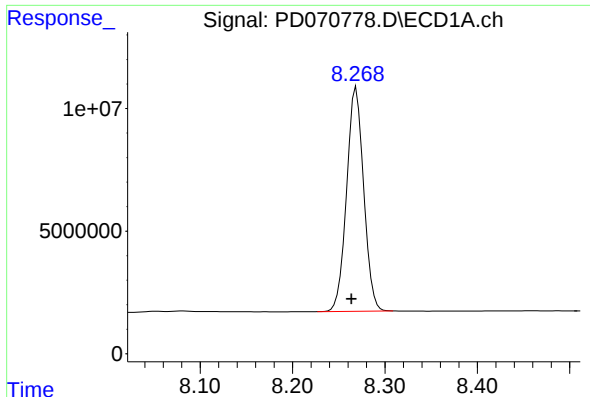
#22 Mirex

R.T.: 7.398 min
Delta R.T.: 0.006 min
Response: 102717583
Conc: 46.93 ng/ml



#22 Mirex

R.T.: 8.389 min
Delta R.T.: 0.001 min
Response: 394500470
Conc: 49.40 ng/ml



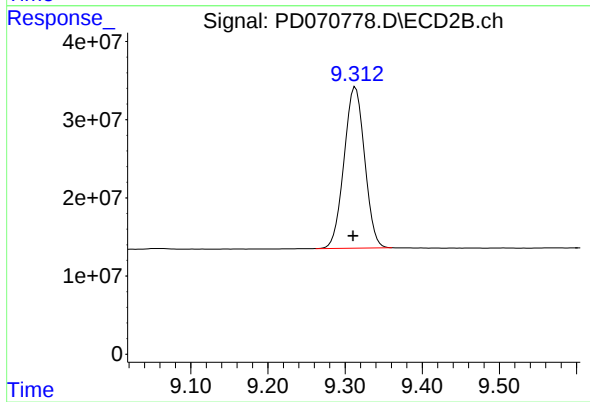
#28 Decachlorobiphenyl

R.T.: 8.269 min
Delta R.T.: 0.005 min
Response: 117208664
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.313 min
Delta R.T.: 0.003 min
Response: 381473992
Conc: 46.37 ng/ml