

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2022 14:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:17:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.447	4.172	44017752	436.9E6	43.926	45.734
2) SA Decachlor...	8.199	9.369	46088856	272.9E6	42.728	45.534
Target Compounds						
2) A alpha-BHC	3.886	4.569	69247638	659.1E6	46.368	47.251
3) MA gamma-BHC...	4.169	4.859	69869112	570.7E6	47.323	44.559
4) MA Heptachlor	4.466	5.386	60135380	547.9E6	42.937	44.112
5) MB Aldrin	4.714	5.699	58768728	534.4E6	43.622	44.353
6) B beta-BHC	4.419	5.023	27918151	263.6E6	42.862	46.948
7) B delta-BHC	4.623	5.248	62001123	509.1E6	44.393	56.443 #
8) B Heptachlo...	5.157	6.087	54265024	448.8E6	42.859	50.296
9) A Endosulfan I	5.495	6.450	51290749	438.4E6	43.245	44.238
10) B gamma-Chl...	5.383	6.324	54900231	475.1E6	42.922	44.395
11) B alpha-Chl...	5.442	6.399	54329212	462.7E6	42.934	44.084
12) B 4,4'-DDE	5.607	6.549	50370871	437.0E6	43.521	44.020
13) MA Dieldrin	5.739	6.707	53516528	452.0E6	43.290	44.147m
14) MA Endrin	5.997	6.929	46116434	367.3E6	41.505	45.187
15) B Endosulfa...	6.271	7.134	45424336	379.2E6	43.427	46.103
16) A 4,4'-DDD	6.124	7.040	43529842	371.1E6	43.724	45.800
17) MA 4,4'-DDT	6.364	7.343	42021905	374.9E6	43.770	45.584
18) B Endrin al...	6.440	7.258	36357546	298.0E6	42.279	46.715
19) B Endosulfa...	6.653	7.483	47624788	365.0E6	43.297	45.684
20) A Methoxychlor	6.914	7.796	24656472	187.3E6	42.778	45.426
21) B Endrin ke...	7.146	7.957	56997129	389.4E6	45.498	46.615
22) Mirex	7.329	8.423	43315617	265.3E6	43.273	45.175

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
Data File : PD069744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2022 14:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

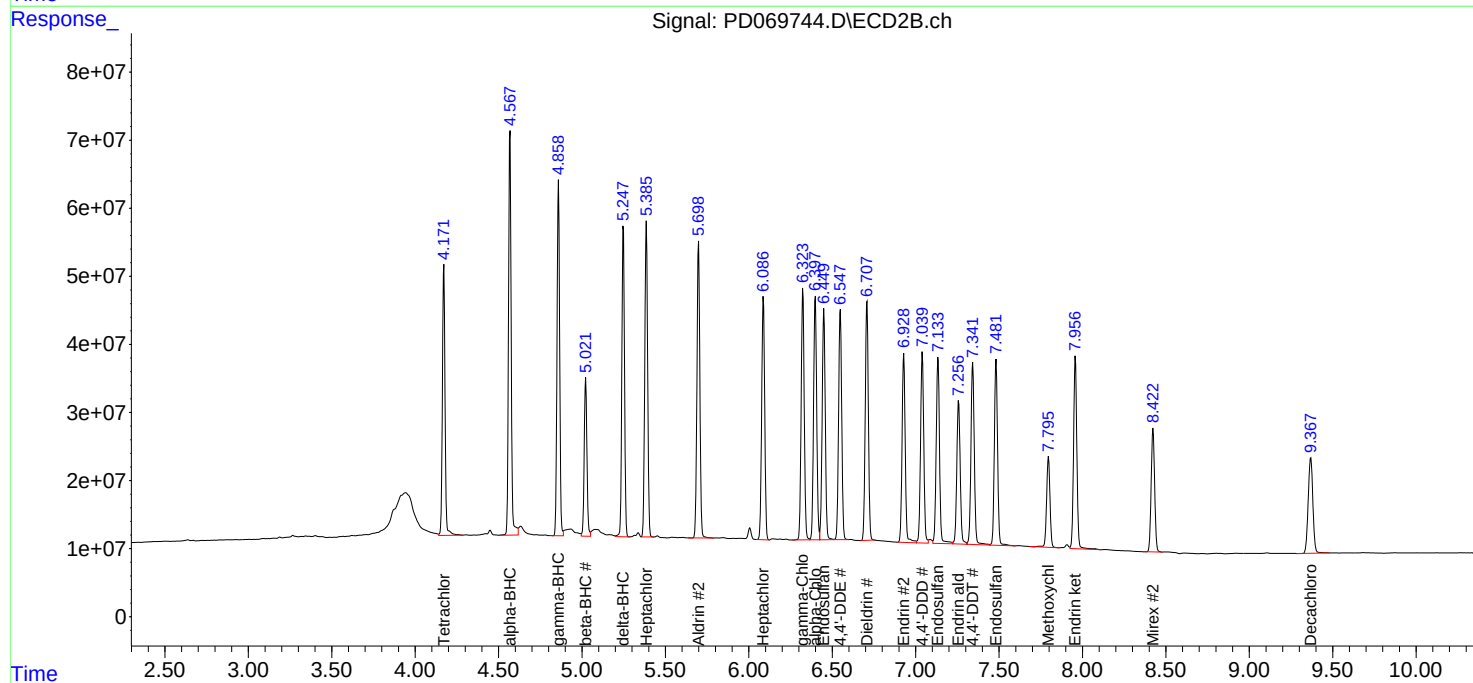
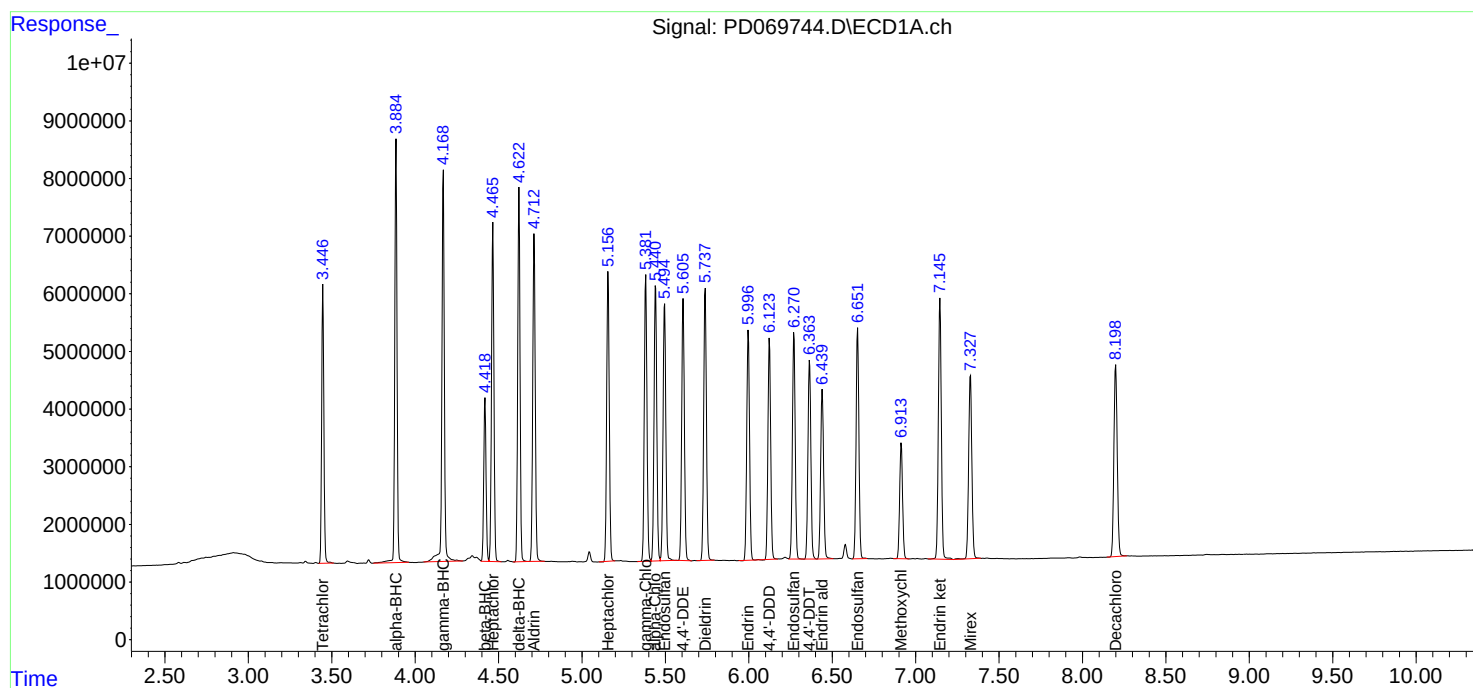
Manual Integrations

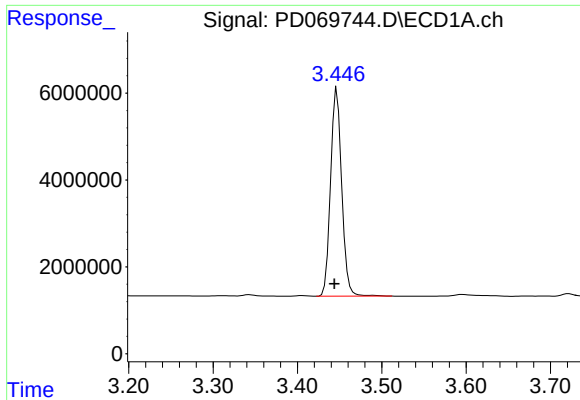
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 23 03:17:53 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
Quant Title : GC Extractables
QLast Update : Mon May 23 02:08:05 2022
Response 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





#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.003 min
Response: 44017752
Conc: 43.93 ng/ml

Instrument :

ECD_D

ClientSampleId :

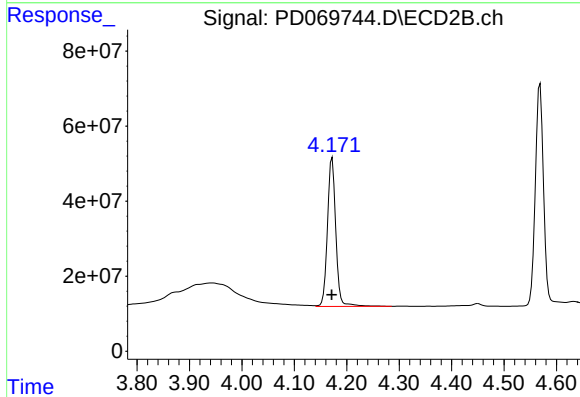
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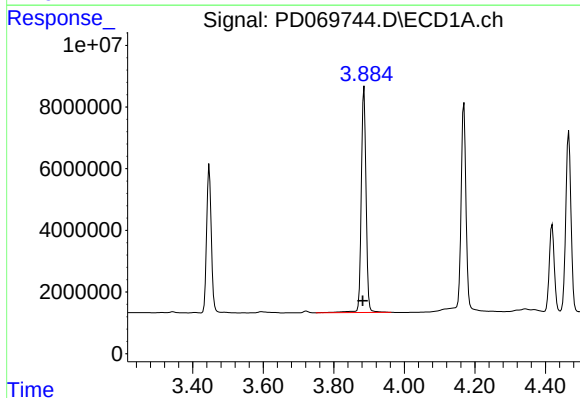
Reviewed By :Abdul Mirza 05/23/2022

Supervised By :Ankita Jodhani 05/23/2022



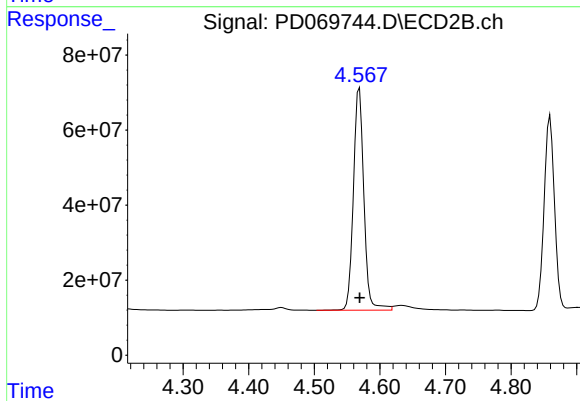
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 436942245
Conc: 45.73 ng/ml



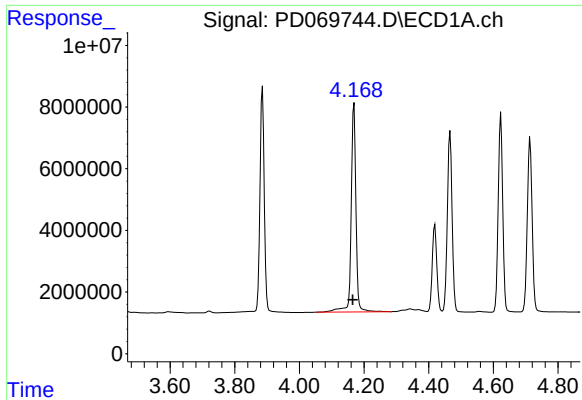
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.003 min
Response: 69247638
Conc: 46.37 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 659053924
Conc: 47.25 ng/ml



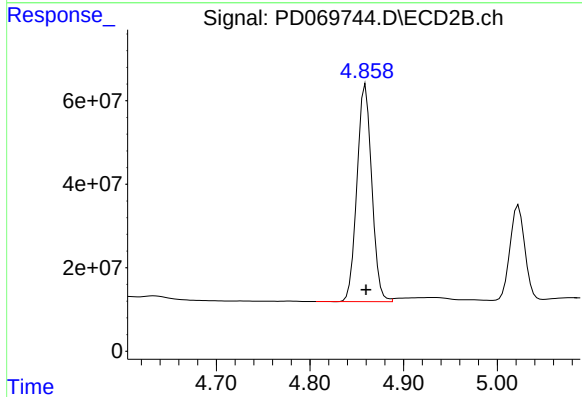
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: 0.004 min
Response: 69869112
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

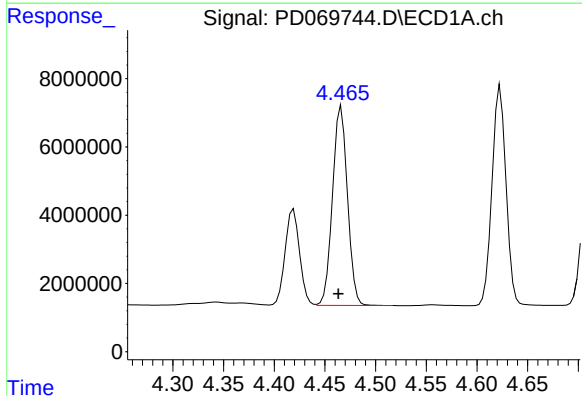
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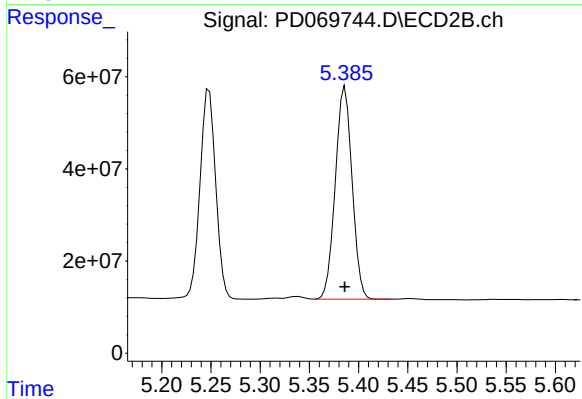
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 570676407
Conc: 44.56 ng/ml



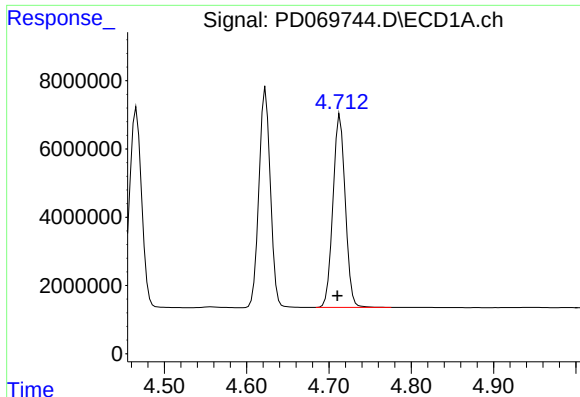
#4 Heptachlor

R.T.: 4.466 min
Delta R.T.: 0.003 min
Response: 60135380
Conc: 42.94 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 547920549
Conc: 44.11 ng/ml



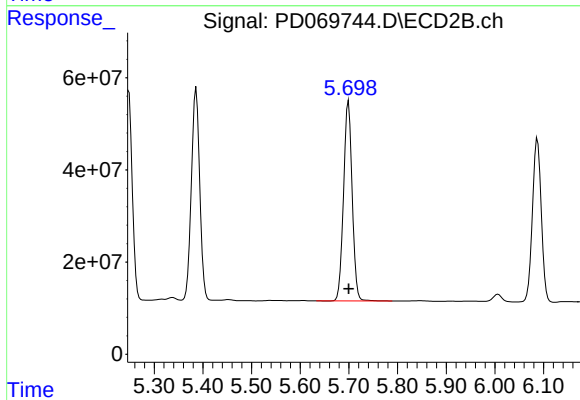
#5 Aldrin

R.T.: 4.714 min
Delta R.T.: 0.003 min
Response: 58768728
Conc: 43.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

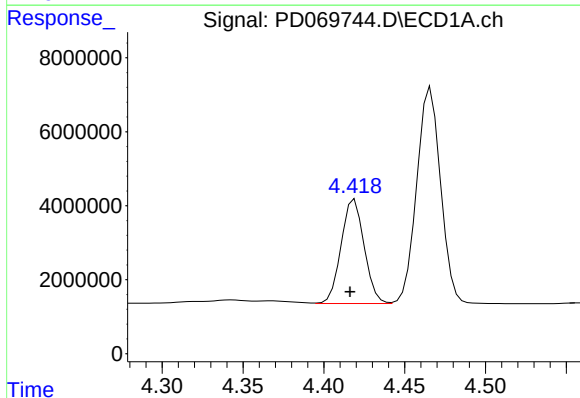
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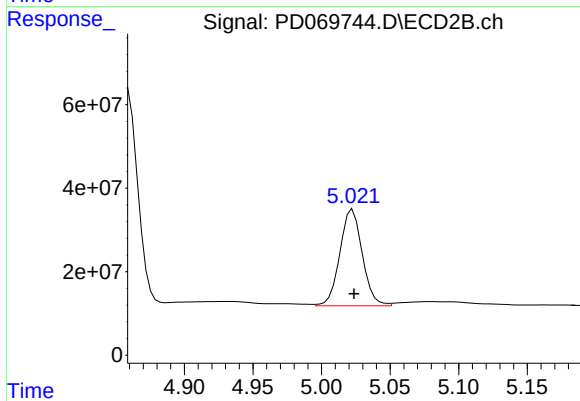
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 534389806
Conc: 44.35 ng/ml



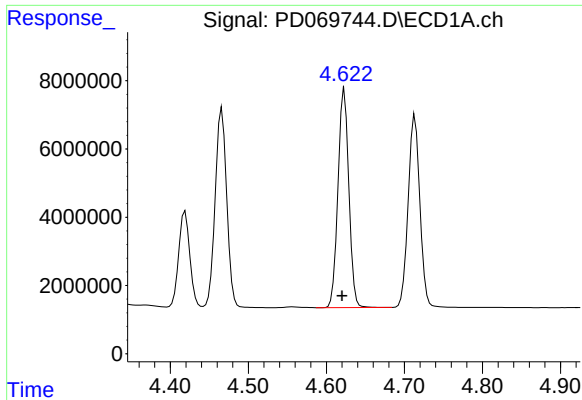
#6 beta-BHC

R.T.: 4.419 min
Delta R.T.: 0.003 min
Response: 27918151
Conc: 42.86 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 263598687
Conc: 46.95 ng/ml



#7 delta-BHC

R.T.: 4.623 min
Delta R.T.: 0.003 min
Response: 62001123
Conc: 44.39 ng/ml

Instrument :

ECD_D

ClientSampleId :

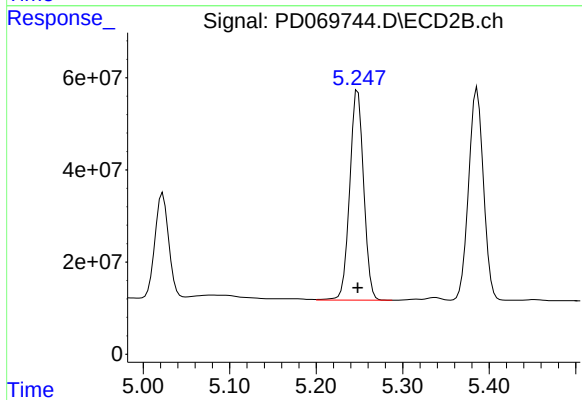
PSTDCCC050

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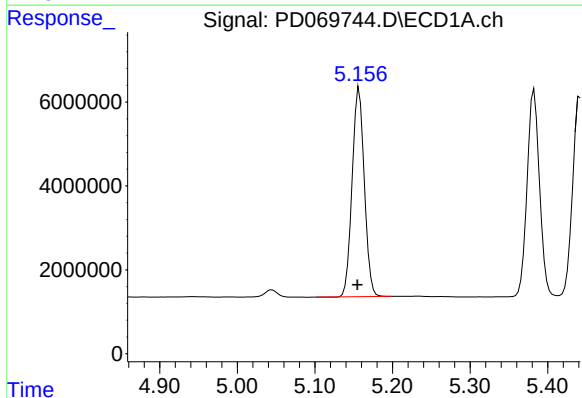
Reviewed By :Abdul Mirza 05/23/2022

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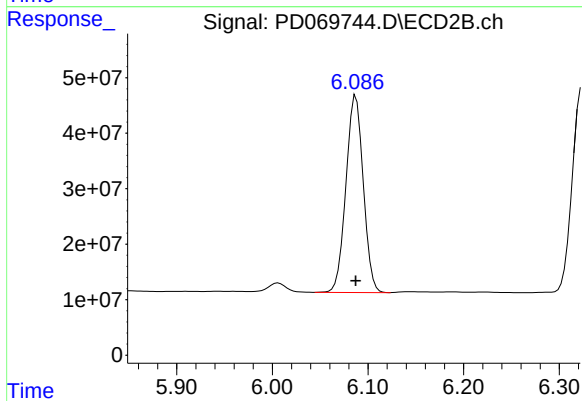
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 509125404
Conc: 56.44 ng/ml



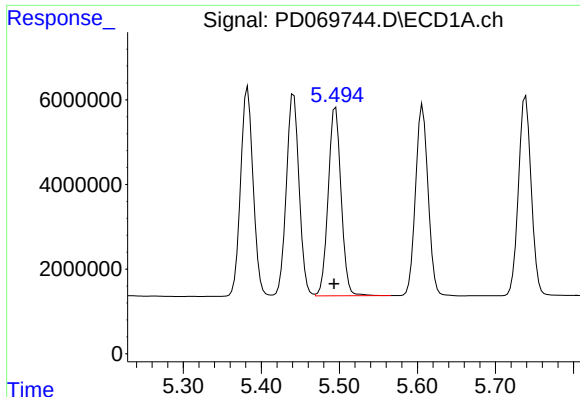
#8 Heptachlor epoxide

R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 54265024
Conc: 42.86 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 448798240
Conc: 50.30 ng/ml



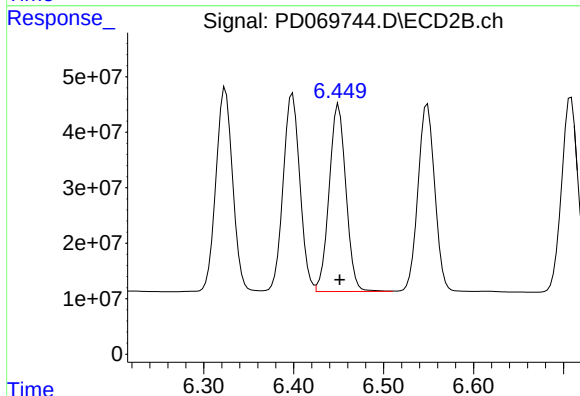
#9 Endosulfan I

R.T.: 5.495 min
Delta R.T.: 0.002 min
Response: 51290749
Conc: 43.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

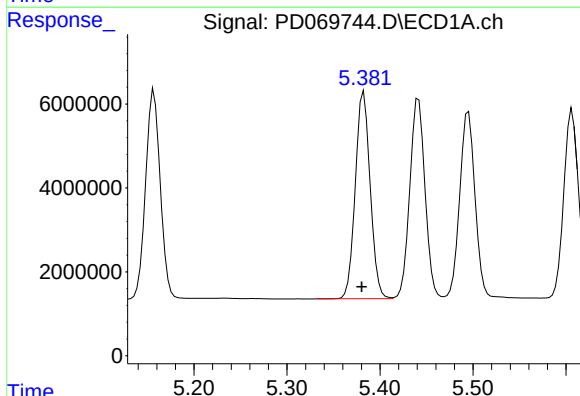
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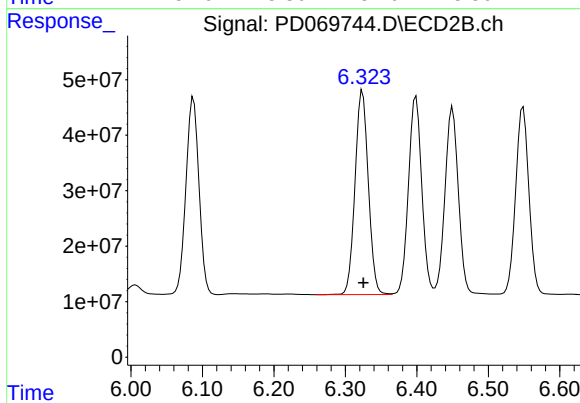
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.001 min
Response: 438446378
Conc: 44.24 ng/ml



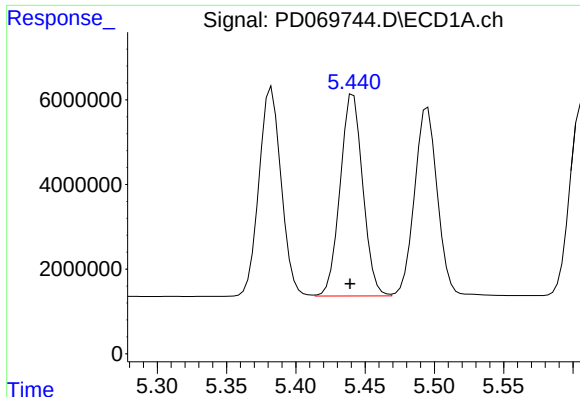
#10 gamma-Chlordane

R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 54900231
Conc: 42.92 ng/ml



#10 gamma-Chlordane

R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 475148702
Conc: 44.40 ng/ml



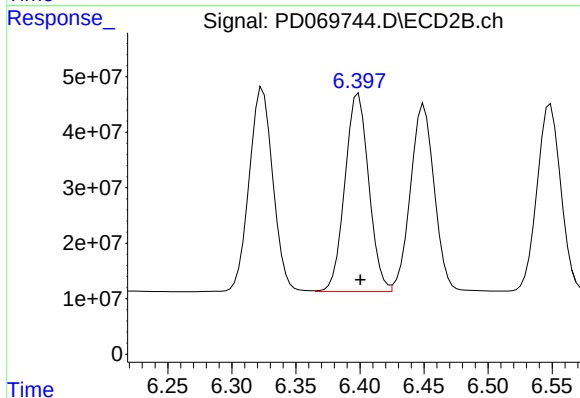
#11 alpha-Chlordane

R.T.: 5.442 min
Delta R.T.: 0.002 min
Response: 54329212
Conc: 42.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

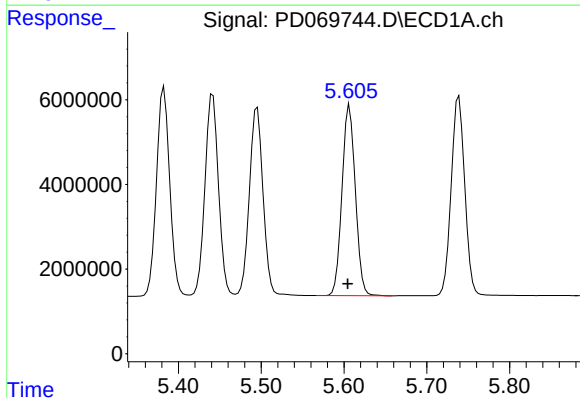
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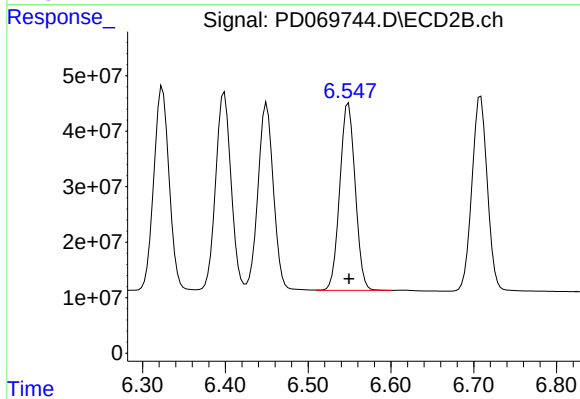
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.001 min
Response: 462663680
Conc: 44.08 ng/ml



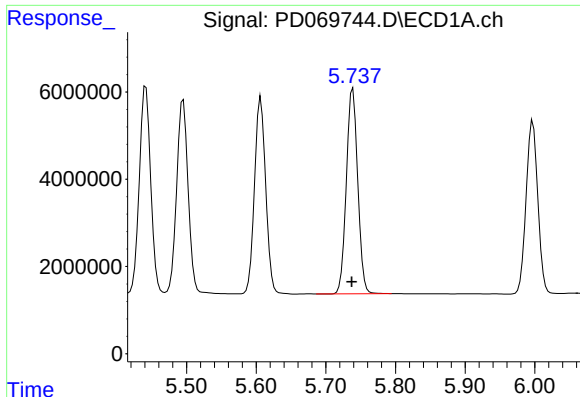
#12 4,4'-DDE

R.T.: 5.607 min
Delta R.T.: 0.002 min
Response: 50370871
Conc: 43.52 ng/ml



#12 4,4'-DDE

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 436958014
Conc: 44.02 ng/ml



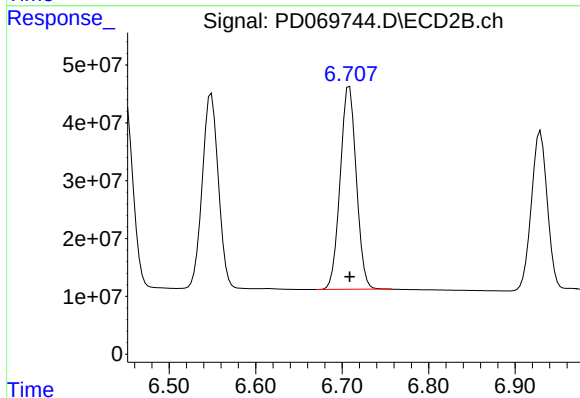
#13 Dieldrin

R.T.: 5.739 min
Delta R.T.: 0.002 min
Response: 53516528
Conc: 43.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

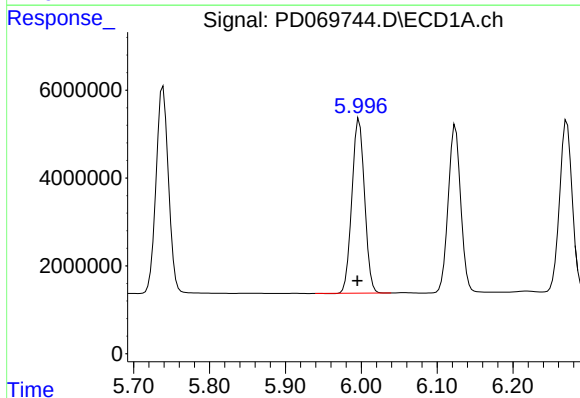
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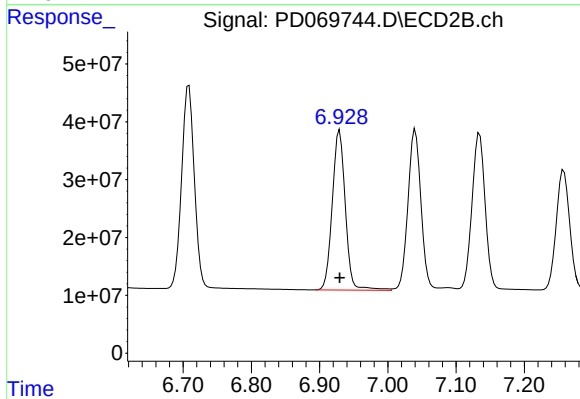
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 451966556
Conc: 44.15 ng/ml m



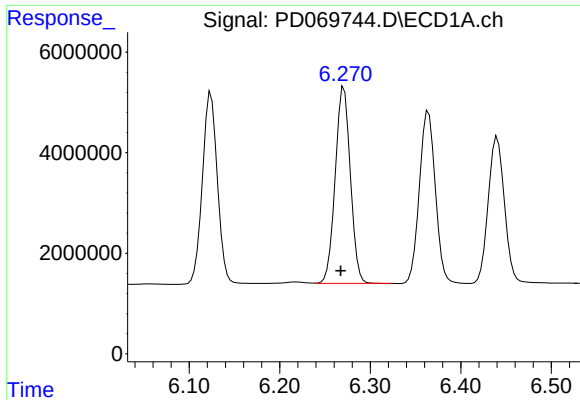
#14 Endrin

R.T.: 5.997 min
Delta R.T.: 0.002 min
Response: 46116434
Conc: 41.50 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 367284364
Conc: 45.19 ng/ml



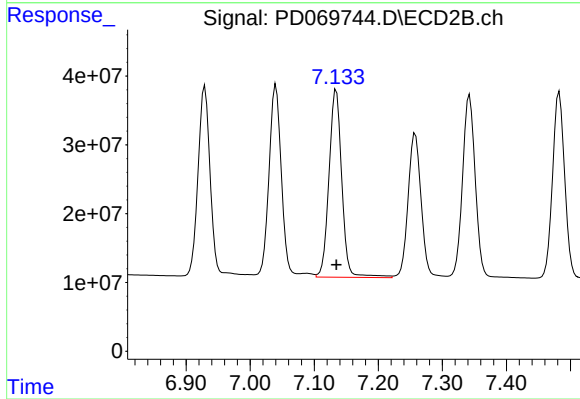
#15 Endosulfan II

R.T.: 6.271 min
Delta R.T.: 0.004 min
Response: 45424336
Conc: 43.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

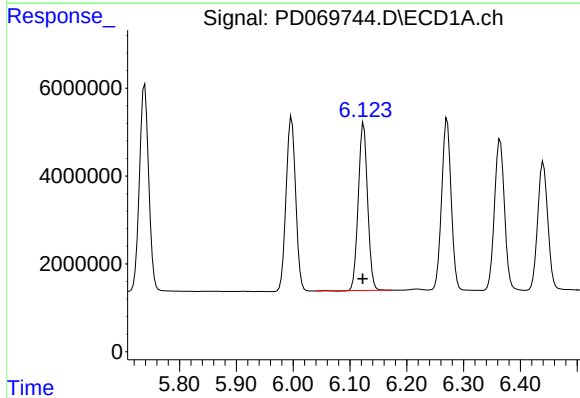
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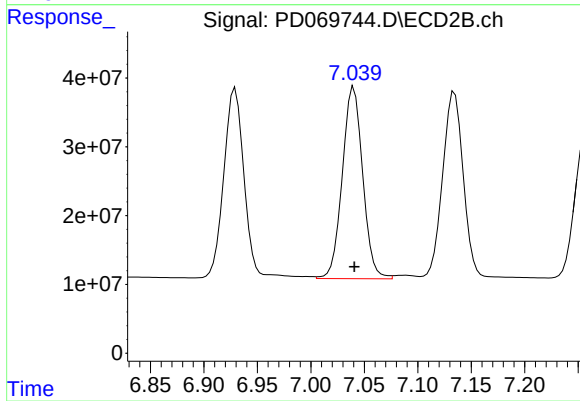
#15 Endosulfan II

R.T.: 7.134 min
Delta R.T.: 0.000 min
Response: 379222231
Conc: 46.10 ng/ml



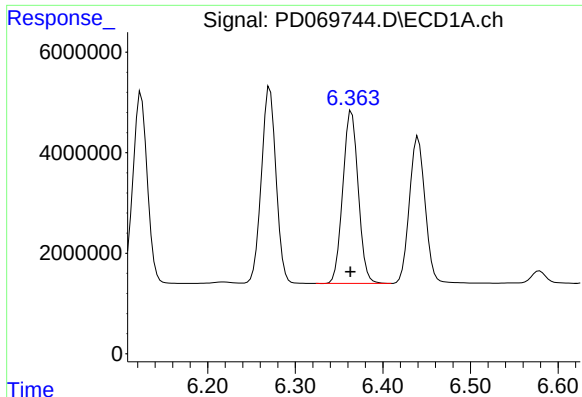
#16 4,4'-DDD

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 43529842
Conc: 43.72 ng/ml



#16 4,4'-DDD

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 371091140
Conc: 45.80 ng/ml



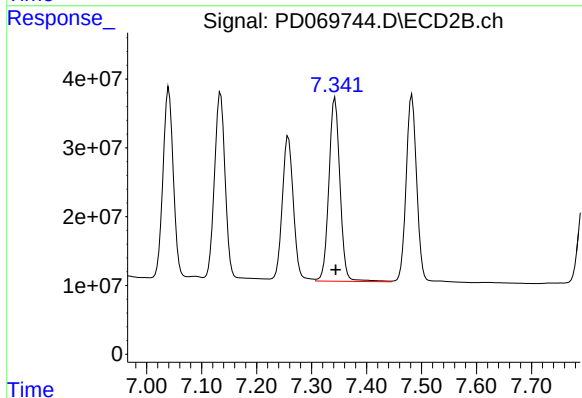
#17 4,4'-DDT

R.T.: 6.364 min
Delta R.T.: 0.001 min
Response: 42021905
Conc: 43.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

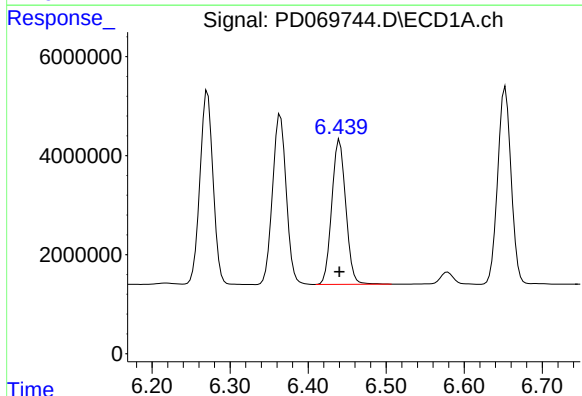
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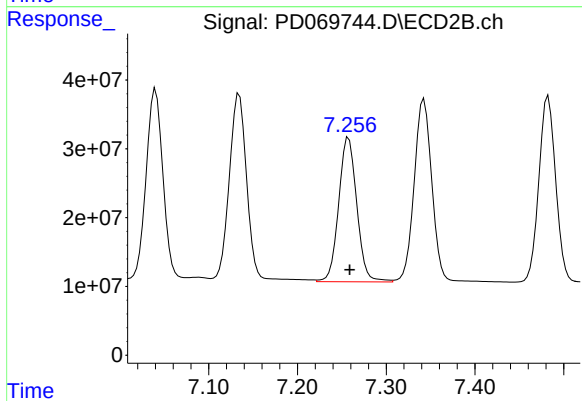
#17 4,4'-DDT

R.T.: 7.343 min
Delta R.T.: -0.001 min
Response: 374877494
Conc: 45.58 ng/ml



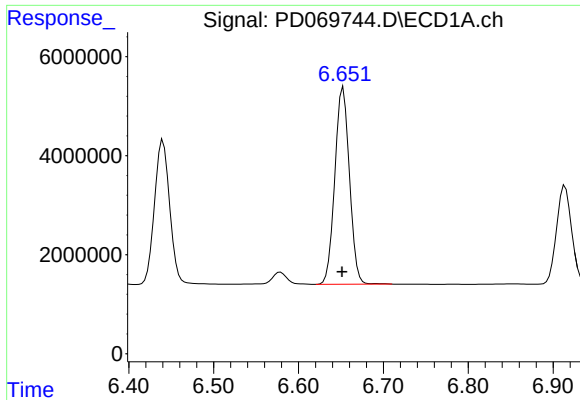
#18 Endrin aldehyde

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 36357546
Conc: 42.28 ng/ml



#18 Endrin aldehyde

R.T.: 7.258 min
Delta R.T.: -0.001 min
Response: 298036115
Conc: 46.72 ng/ml



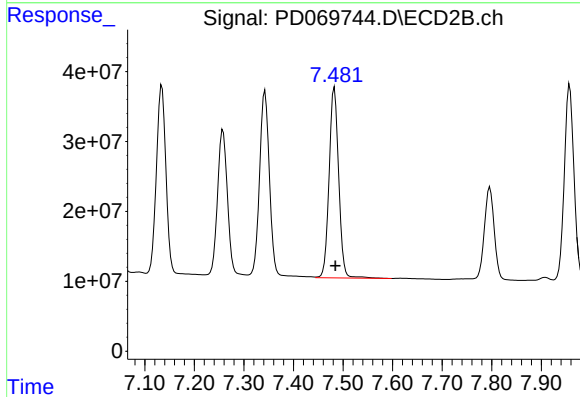
#19 Endosulfan Sulfate

R.T.: 6.653 min
Delta R.T.: 0.001 min
Response: 47624788
Conc: 43.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

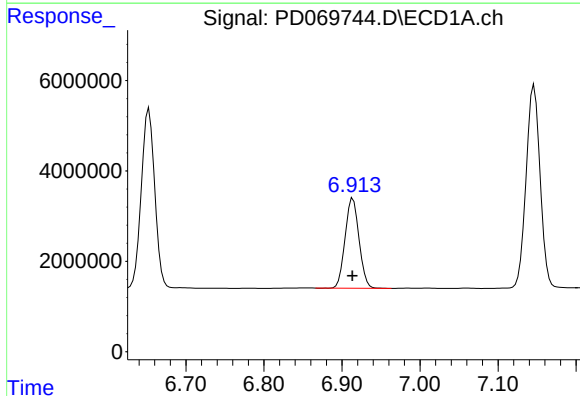
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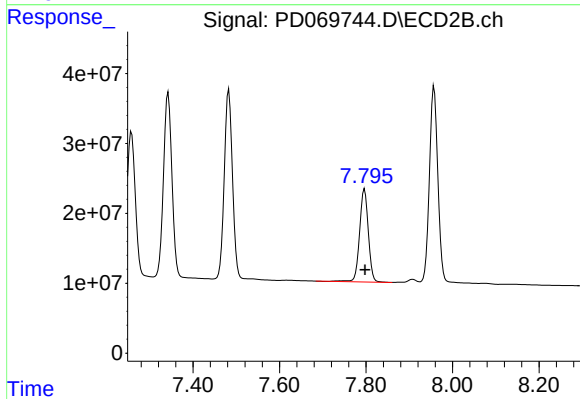
#19 Endosulfan Sulfate

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 364965760
Conc: 45.68 ng/ml



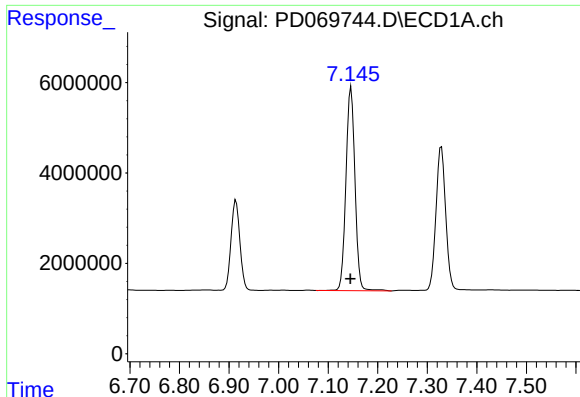
#20 Methoxychlor

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 24656472
Conc: 42.78 ng/ml



#20 Methoxychlor

R.T.: 7.796 min
Delta R.T.: -0.001 min
Response: 187311345
Conc: 45.43 ng/ml



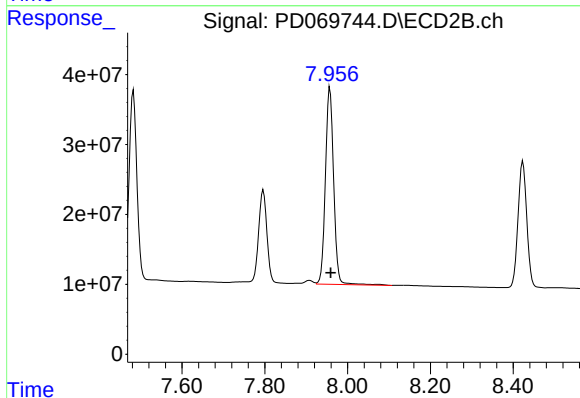
#21 Endrin ketone

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 56997129
Conc: 45.50 ng/ml

Instrument :
ECD_D
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PSTDCCC050

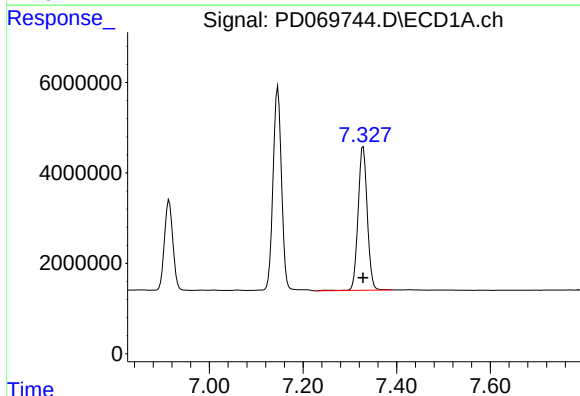
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Supervised By :Ankita Jodhani 05/23/2022



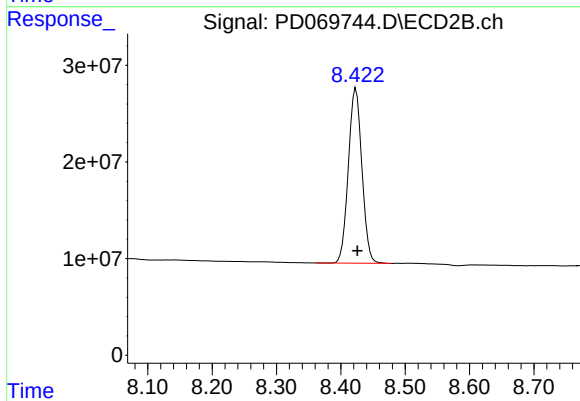
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.002 min
Response: 389418932
Conc: 46.62 ng/ml



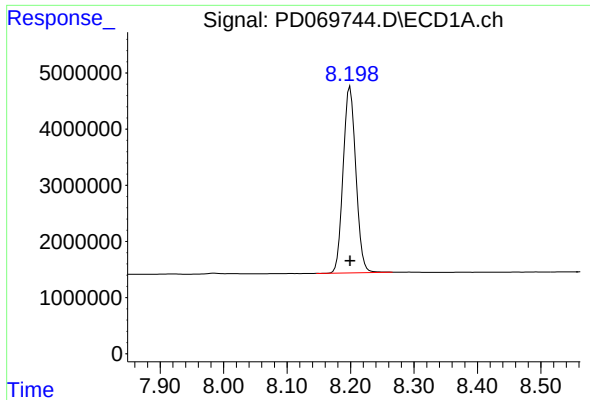
#22 Mirex

R.T.: 7.329 min
Delta R.T.: 0.000 min
Response: 43315617
Conc: 43.27 ng/ml



#22 Mirex

R.T.: 8.423 min
Delta R.T.: -0.002 min
Response: 265280256
Conc: 45.17 ng/ml



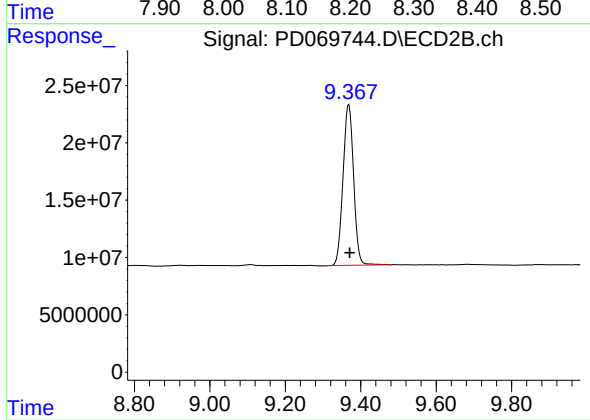
#28 Decachlorobiphenyl

R.T.: 8.199 min
Delta R.T.: 0.000 min
Response: 46088856
Conc: 42.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2022
Supervised By :Ankita Jodhani 05/23/2022



#28 Decachlorobiphenyl

R.T.: 9.369 min
Delta R.T.: -0.002 min
Response: 272882339
Conc: 45.53 ng/ml