

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060922\
 Data File : PD070245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2022 16:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2022
 Supervised By : Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 16:41:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 08 02:48:31 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...	3.441	4.169	57483522	523.1E6	52.948	53.584
2)	SA Decachlor...	8.194	9.365	51342609	293.6E6	46.167	47.742
Target Compounds							
2)	A alpha-BHC	3.880	4.565	87760629	791.0E6	53.656	54.277
3)	MA gamma-BHC...	4.163	4.856	80577868	719.7E6	52.329	53.337
4)	MA Heptachlor	4.460	5.383	73979631	643.4E6	47.841	49.153
5)	MB Aldrin	4.707	5.695	77304083	659.9E6	52.563	51.586
6)	B beta-BHC	4.414	5.020	36124329	319.5E6	50.213	52.479
7)	B delta-BHC	4.617	5.245	81911223	663.6E6	52.912	73.105 #
8)	B Heptachlo...	5.150	6.084	70901202	589.7E6	51.705	71.578 #
9)	A Endosulfan I	5.489	6.446	65683509	521.2E6	50.180	49.219
10)	B gamma-Chl...	5.376	6.320	71601065	593.7E6	51.530	51.652
11)	B alpha-Chl...	5.435	6.395	70013768	563.1E6	50.564	49.816
12)	B 4,4'-DDE	5.600	6.545	64471983	501.5E6	51.552	47.838
13)	MA Dieldrin	5.732	6.704	68195086	521.3E6	50.635	47.696
14)	MA Endrin	5.991	6.925	54850836	381.2E6	45.546	45.408
15)	B Endosulfa...	6.264	7.130	55356866	410.2E6	49.031	48.514
16)	A 4,4'-DDD	6.118	7.037	55744027	424.2E6	51.326	50.439
17)	MA 4,4'-DDT	6.357	7.339	46582255	354.4E6	43.908	41.291
18)	B Endrin al...	6.434	7.253	43231759	318.1E6	46.715	46.358m
19)	B Endosulfa...	6.646	7.479	56989258	387.4E6	48.152	46.509
20)	A Methoxychlor	6.908	7.793	26856159	171.4E6	43.560	40.659
21)	B Endrin ke...	7.140	7.954	69729482	427.0E6	51.802	49.213
22)	Mirex	7.322	8.420	50615760	285.6E6	48.466	46.491

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060922\
Data File : PD070245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2022 16:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

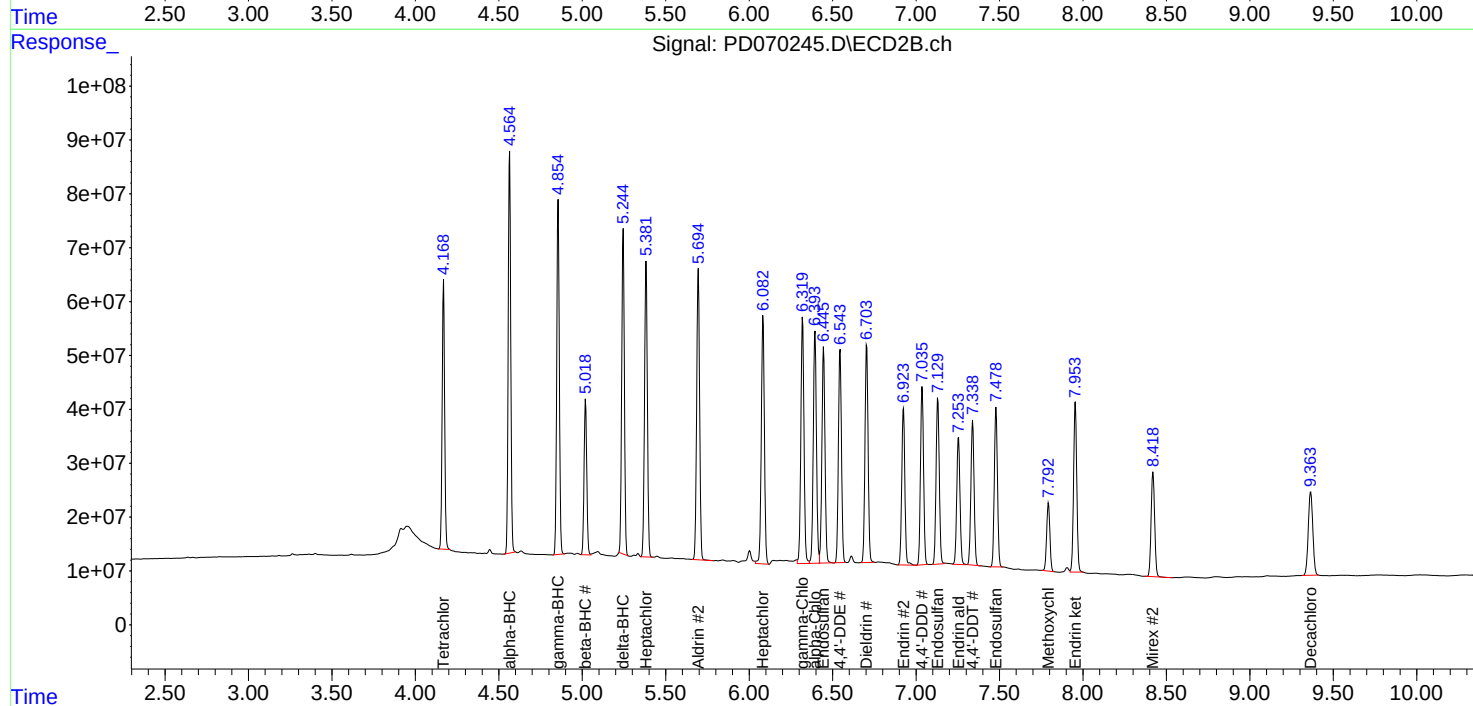
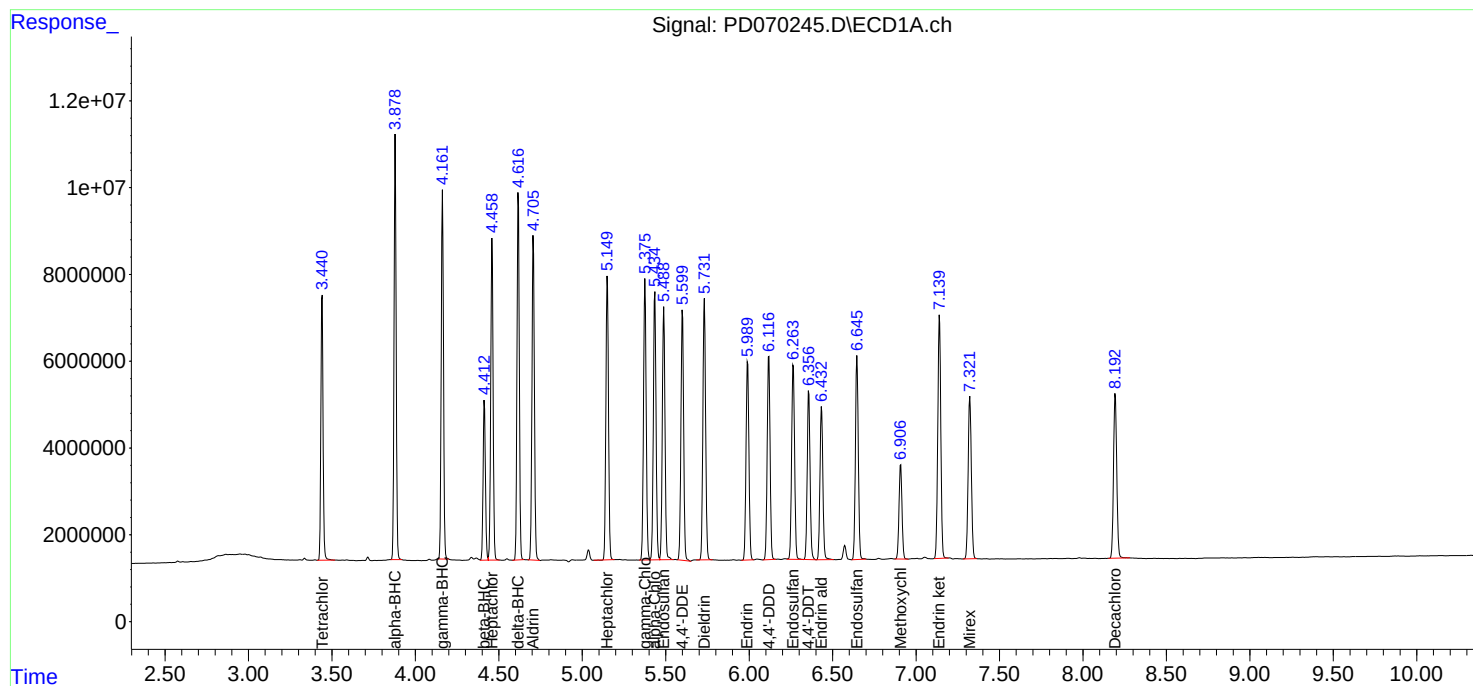
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

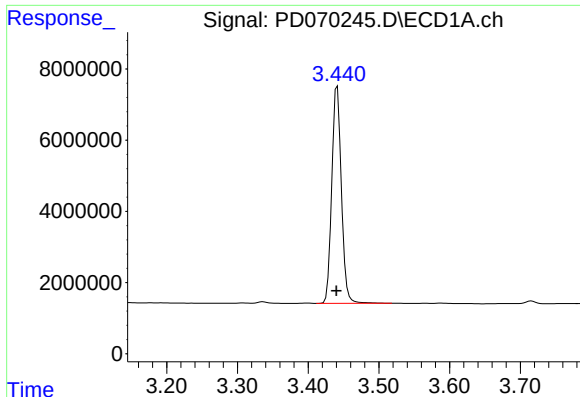
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/10/2022
Supervised By :Ankita Jodhani 06/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 16:41:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
Quant Title : GC Extractables
QLast Update : Wed Jun 08 02:48:31 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.: 3.441 min
Delta R.T.: 0.001 min
Response: 57483522
Conc: 52.95 ng/ml

Instrument :

ECD_D

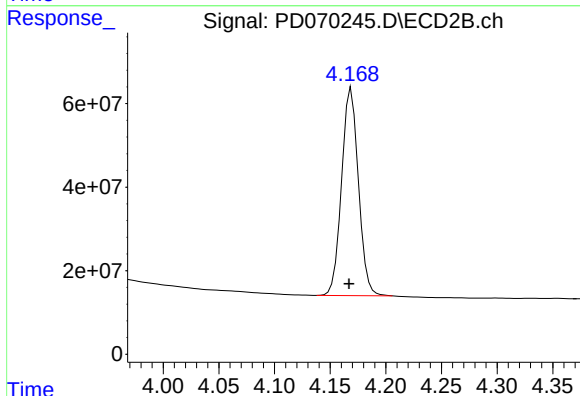
ClientSampleId :

PSTDCCC050

Manual Integrations

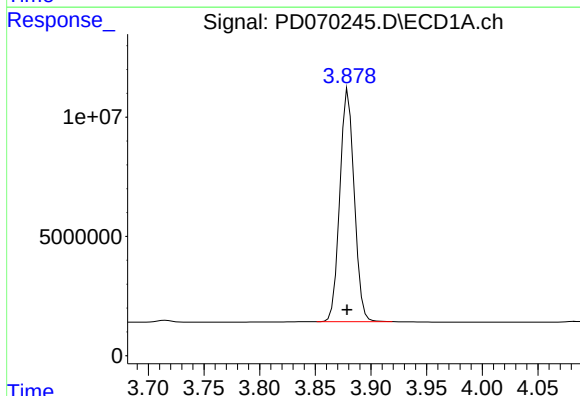
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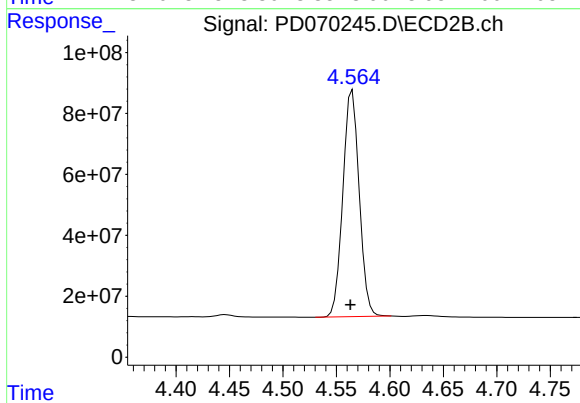
#1 Tetrachloro-m-xylene

R.T.: 4.169 min
Delta R.T.: 0.002 min
Response: 523051035
Conc: 53.58 ng/ml



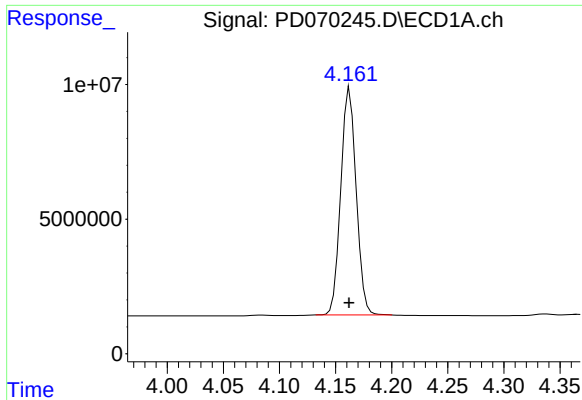
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 87760629
Conc: 53.66 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.002 min
Response: 791040158
Conc: 54.28 ng/ml



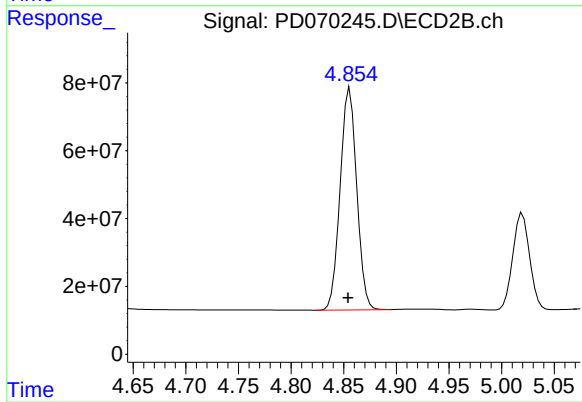
#3 gamma-BHC (Lindane)

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 80577868
Conc: 52.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

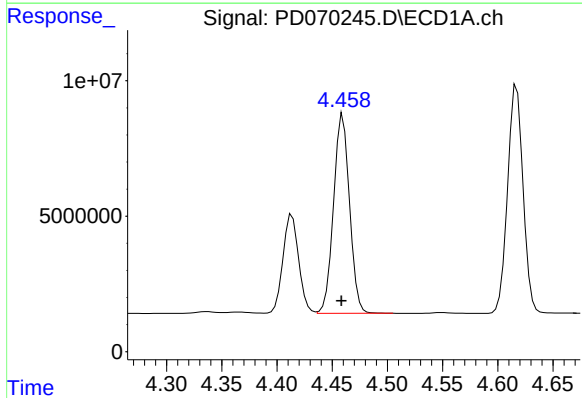
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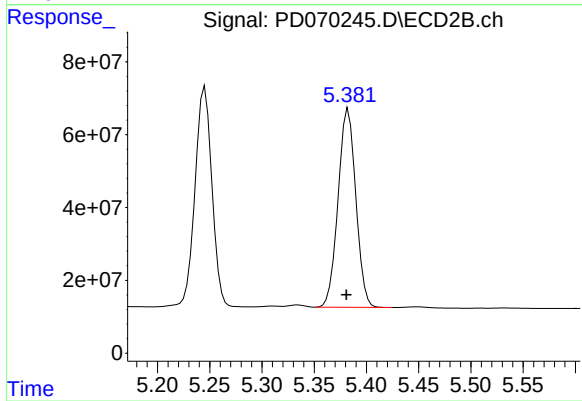
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.002 min
Response: 719715779
Conc: 53.34 ng/ml



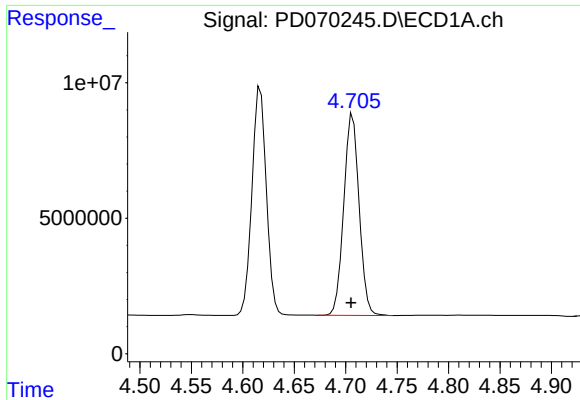
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.001 min
Response: 73979631
Conc: 47.84 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 643405647
Conc: 49.15 ng/ml



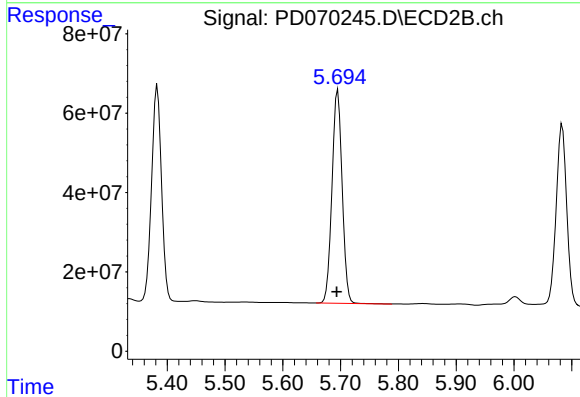
#5 Aldrin

R.T.: 4.707 min
Delta R.T.: 0.001 min
Response: 77304083
Conc: 52.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

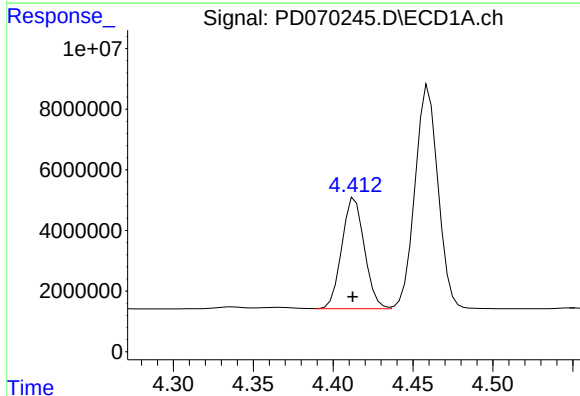
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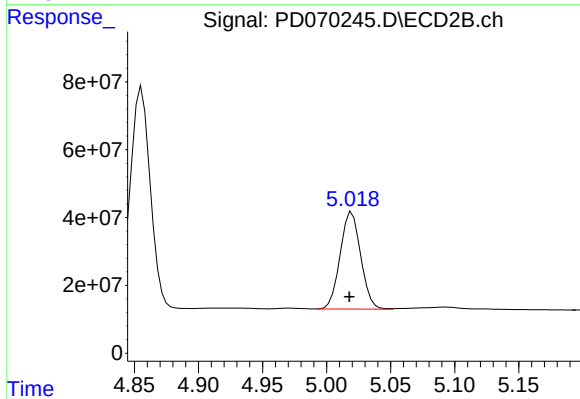
#5 Aldrin

R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 659884260
Conc: 51.59 ng/ml



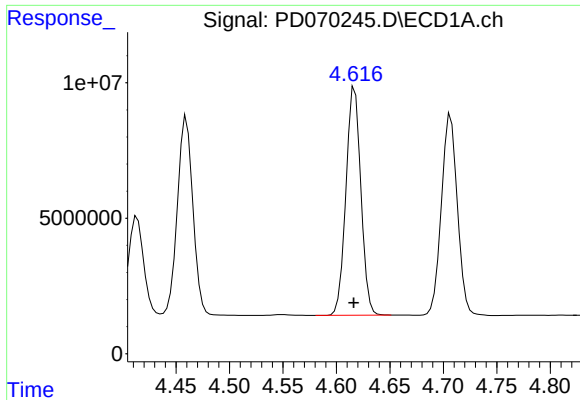
#6 beta-BHC

R.T.: 4.414 min
Delta R.T.: 0.001 min
Response: 36124329
Conc: 50.21 ng/ml



#6 beta-BHC

R.T.: 5.020 min
Delta R.T.: 0.002 min
Response: 319502432
Conc: 52.48 ng/ml



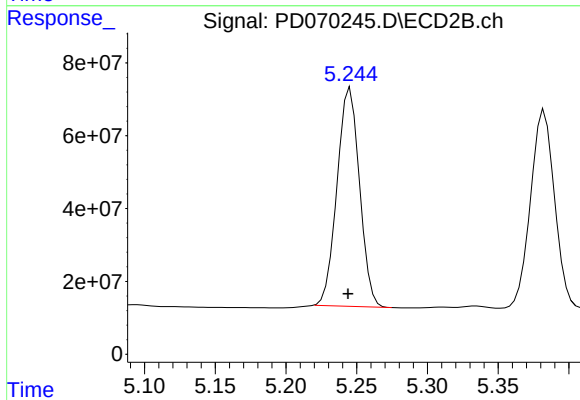
#7 delta-BHC

R.T.: 4.617 min
Delta R.T.: 0.001 min
Response: 81911223
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

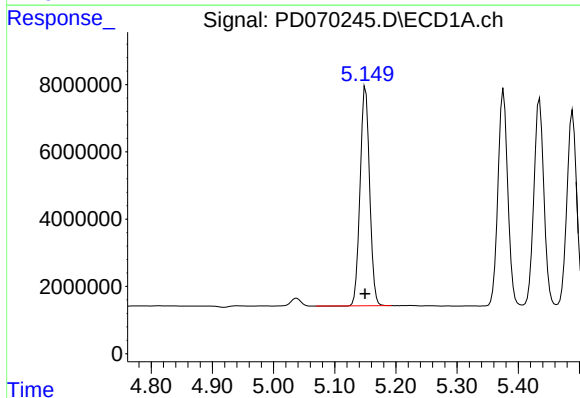
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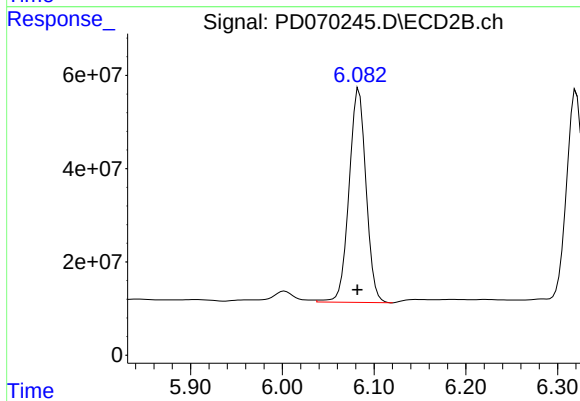
#7 delta-BHC

R.T.: 5.245 min
Delta R.T.: 0.002 min
Response: 663600362
Conc: 73.10 ng/ml



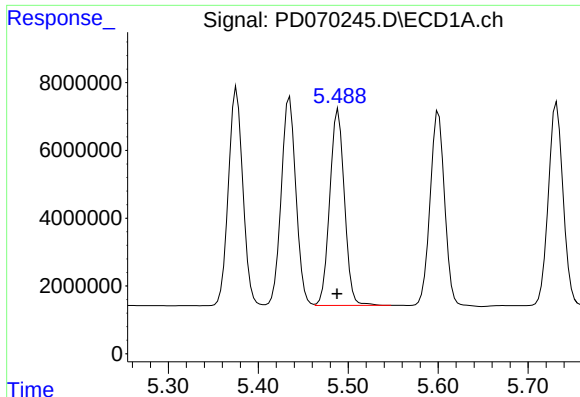
#8 Heptachlor epoxide

R.T.: 5.150 min
Delta R.T.: 0.001 min
Response: 70901202
Conc: 51.70 ng/ml



#8 Heptachlor epoxide

R.T.: 6.084 min
Delta R.T.: 0.002 min
Response: 589681058
Conc: 71.58 ng/ml



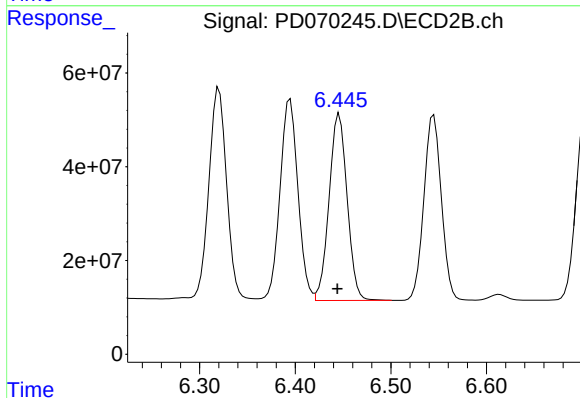
#9 Endosulfan I

R.T.: 5.489 min
Delta R.T.: 0.002 min
Response: 65683509
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

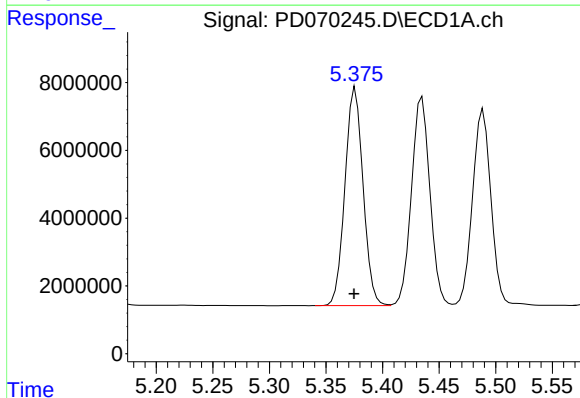
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Supervised By :Ankita Jodhani 06/10/2022



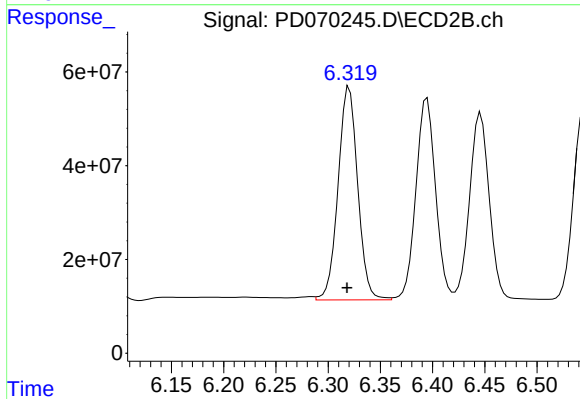
#9 Endosulfan I

R.T.: 6.446 min
Delta R.T.: 0.002 min
Response: 521227973
Conc: 49.22 ng/ml



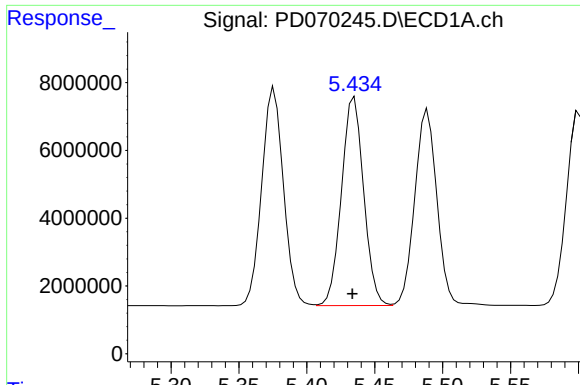
#10 gamma-Chlordane

R.T.: 5.376 min
Delta R.T.: 0.001 min
Response: 71601065
Conc: 51.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.320 min
Delta R.T.: 0.002 min
Response: 593675607
Conc: 51.65 ng/ml



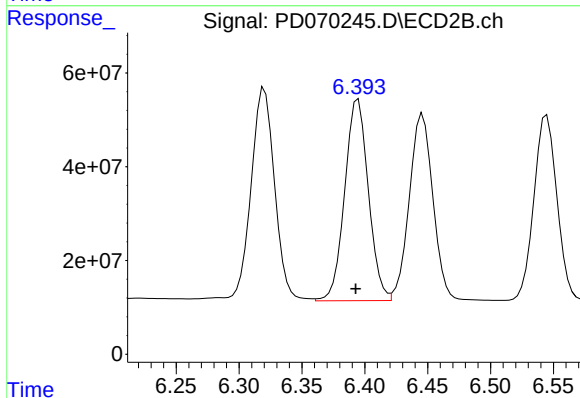
#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.001 min
Response: 70013768
Conc: 50.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

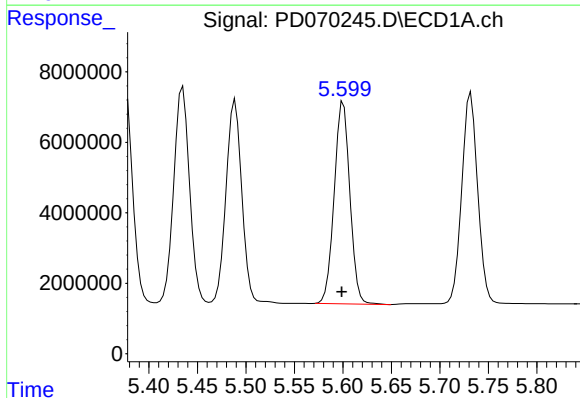
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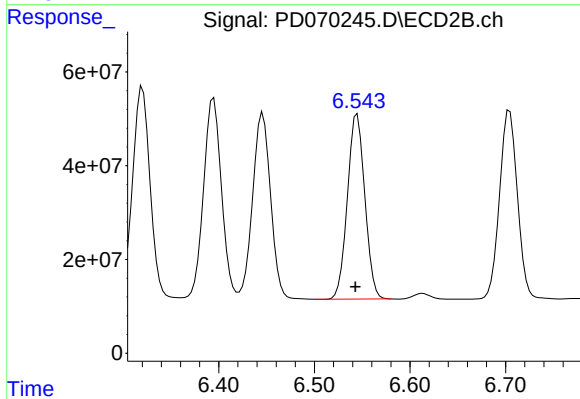
#11 alpha-Chlordane

R.T.: 6.395 min
Delta R.T.: 0.002 min
Response: 563142039
Conc: 49.82 ng/ml



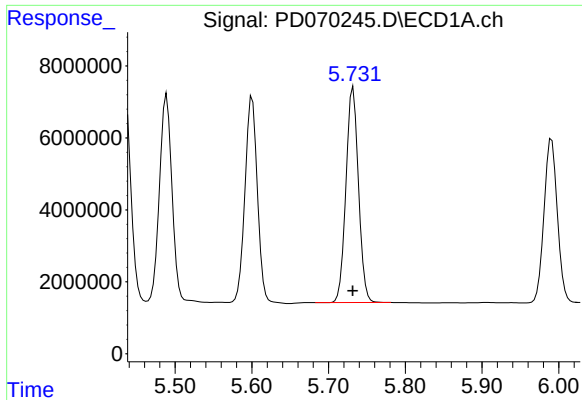
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.002 min
Response: 64471983
Conc: 51.55 ng/ml



#12 4,4'-DDE

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 501547679
Conc: 47.84 ng/ml



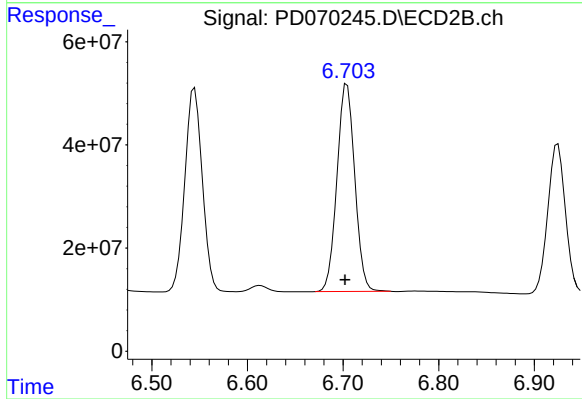
#13 Dieldrin

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 68195086
Conc: 50.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

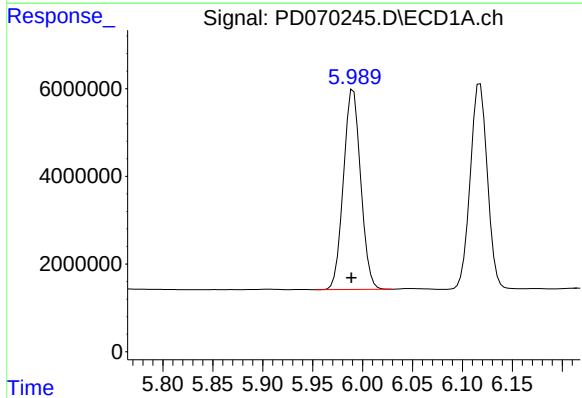
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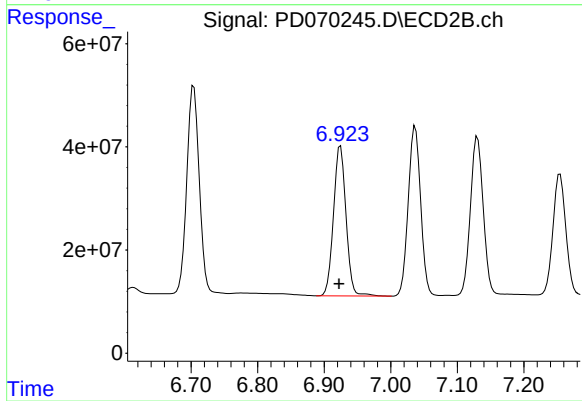
#13 Dieldrin

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 521349332
Conc: 47.70 ng/ml



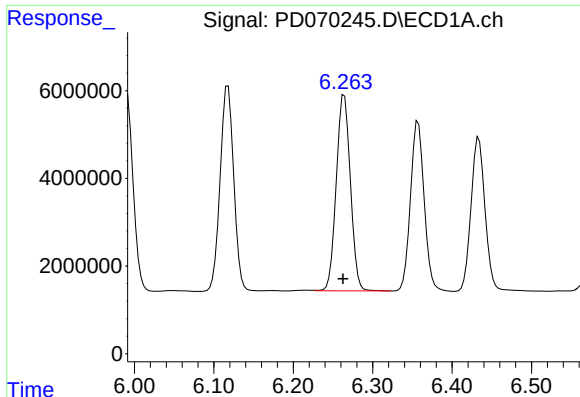
#14 Endrin

R.T.: 5.991 min
Delta R.T.: 0.002 min
Response: 54850836
Conc: 45.55 ng/ml



#14 Endrin

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 381151890
Conc: 45.41 ng/ml



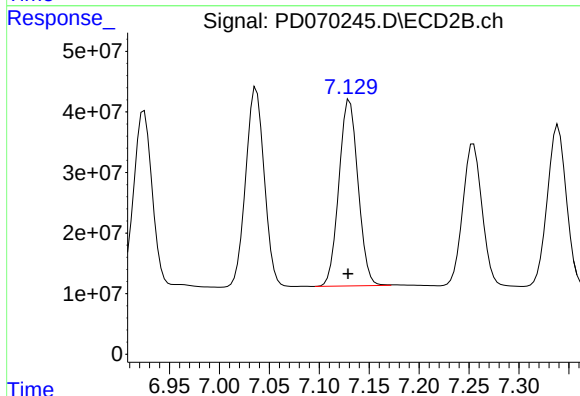
#15 Endosulfan II

R.T.: 6.264 min
Delta R.T.: 0.002 min
Response: 55356866
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

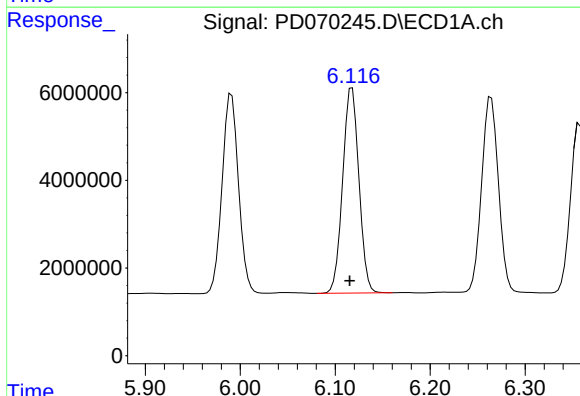
Manual Integrations
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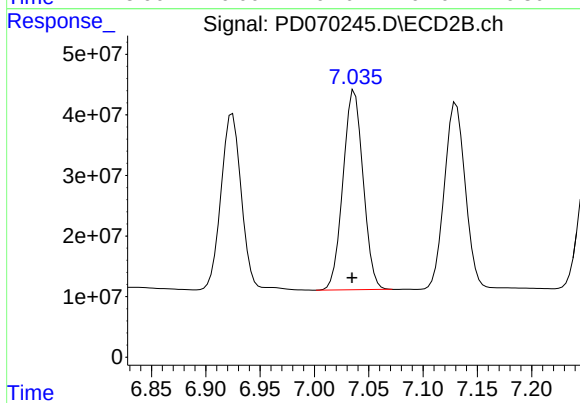
#15 Endosulfan II

R.T.: 7.130 min
Delta R.T.: 0.002 min
Response: 410156987
Conc: 48.51 ng/ml



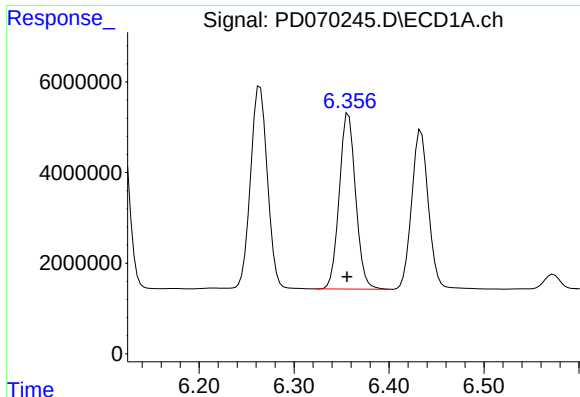
#16 4,4'-DDD

R.T.: 6.118 min
Delta R.T.: 0.002 min
Response: 55744027
Conc: 51.33 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.002 min
Response: 424221802
Conc: 50.44 ng/ml



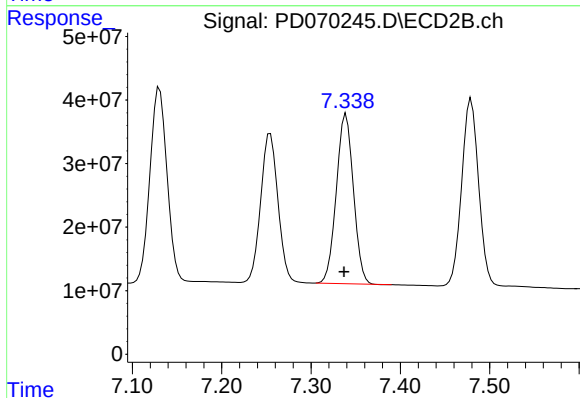
#17 4,4'-DDT

R.T.: 6.357 min
Delta R.T.: 0.001 min
Response: 46582255
Conc: 43.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

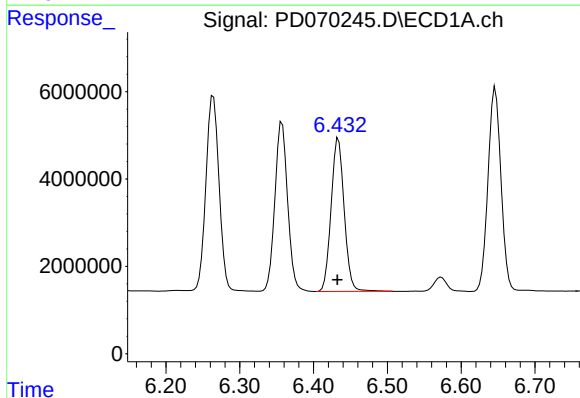
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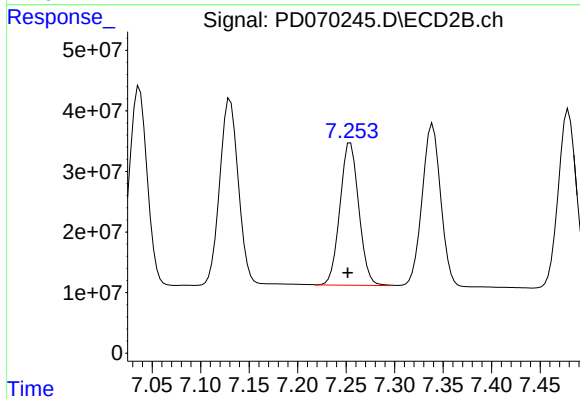
#17 4,4'-DDT

R.T.: 7.339 min
Delta R.T.: 0.002 min
Response: 354401306
Conc: 41.29 ng/ml



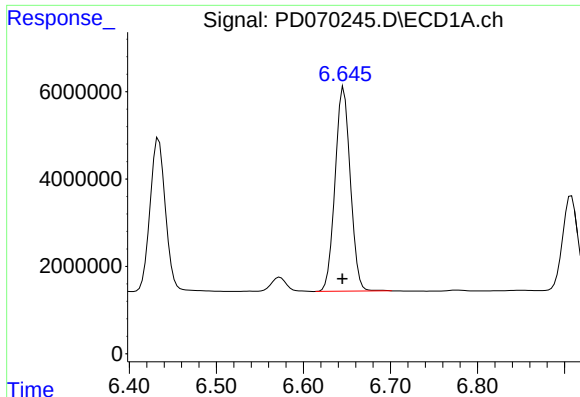
#18 Endrin aldehyde

R.T.: 6.434 min
Delta R.T.: 0.001 min
Response: 43231759
Conc: 46.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.253 min
Delta R.T.: 0.001 min
Response: 318137156
Conc: 46.36 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 56989258
Conc: 48.15 ng/ml

Instrument :

ECD_D

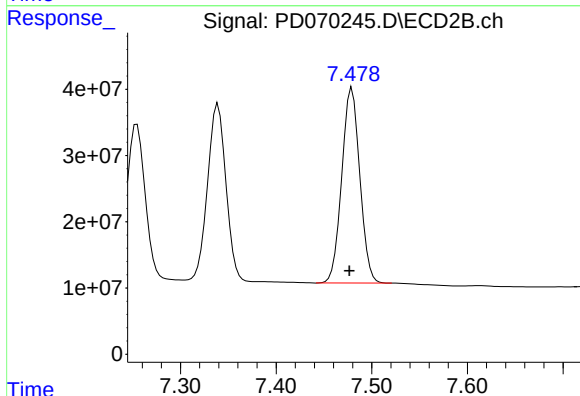
ClientSampleId :

PSTDCCC050

Manual Integrations

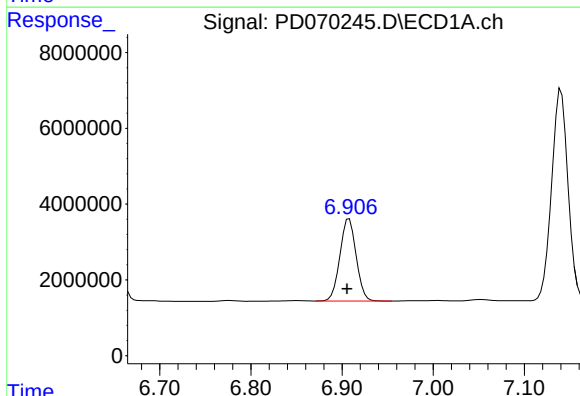
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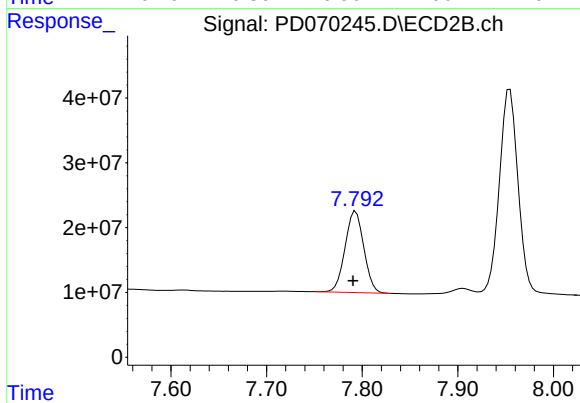
#19 Endosulfan Sulfate

R.T.: 7.479 min
Delta R.T.: 0.003 min
Response: 387393115
Conc: 46.51 ng/ml



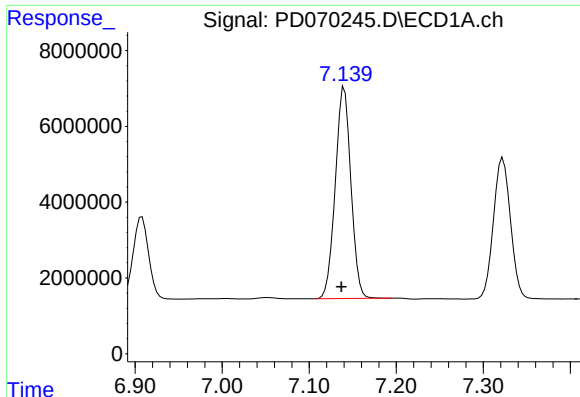
#20 Methoxychlor

R.T.: 6.908 min
Delta R.T.: 0.002 min
Response: 26856159
Conc: 43.56 ng/ml



#20 Methoxychlor

R.T.: 7.793 min
Delta R.T.: 0.002 min
Response: 171441565
Conc: 40.66 ng/ml



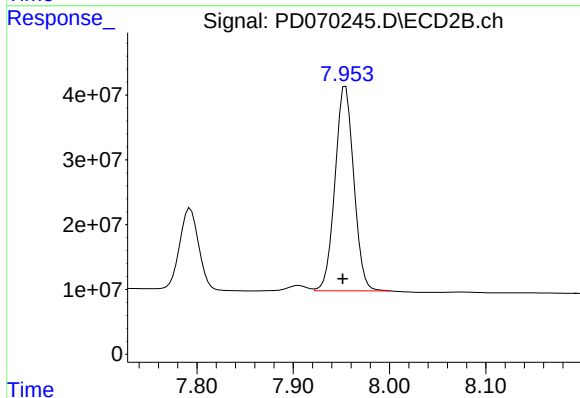
#21 Endrin ketone

R.T.: 7.140 min
Delta R.T.: 0.003 min
Response: 69729482
Conc: 51.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

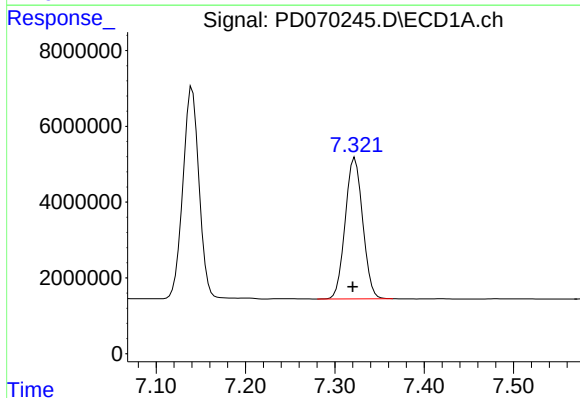
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Reviewed By :Abdul Mirza 06/10/2022
Supervised By :Ankita Jodhani 06/10/2022



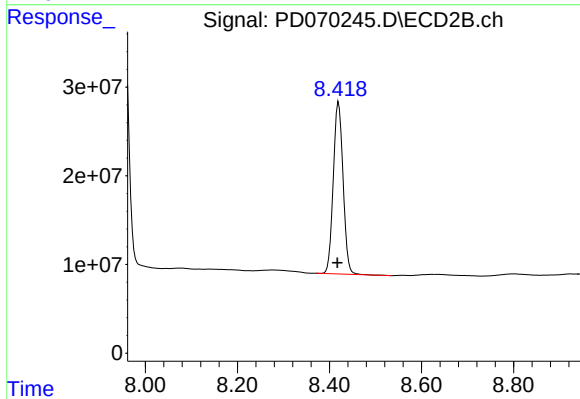
#21 Endrin ketone

R.T.: 7.954 min
Delta R.T.: 0.003 min
Response: 427021894
Conc: 49.21 ng/ml



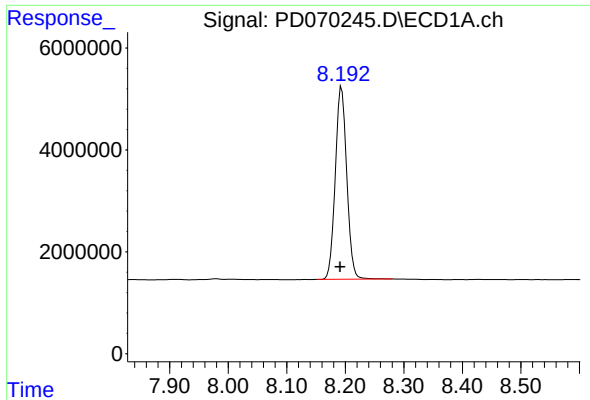
#22 Mirex

R.T.: 7.322 min
Delta R.T.: 0.002 min
Response: 50615760
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 8.420 min
Delta R.T.: 0.002 min
Response: 285600345
Conc: 46.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 51342609
Conc: 46.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

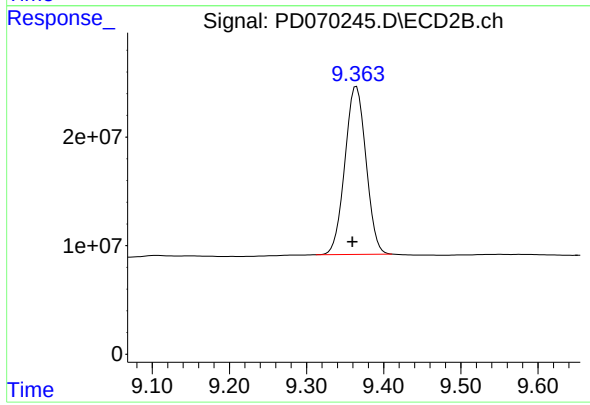
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/10/2022

Supervised By :Ankita Jodhani 06/10/2022



#28 Decachlorobiphenyl

R.T.: 9.365 min
Delta R.T.: 0.005 min
Response: 293636533
Conc: 47.74 ng/ml