

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071030.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 08:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/20/2022
 Supervised By : Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 08:40:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	149.2E6	1361.5E6	51.471	47.089
28)	SA Decachlor...	8.242	9.322	149.7E6	554.7E6	49.001	48.639
Target Compounds							
2)	A alpha-BHC	3.916	4.530	229.6E6	1776.6E6	52.327	46.872
3)	MA gamma-BHC...	4.199	4.824	205.2E6	1423.3E6	47.249	47.655
4)	MA Heptachlor	4.498	5.340	206.2E6	1050.5E6	49.519m	47.555
5)	MB Aldrin	4.747	5.653	209.3E6	876.5E6	50.086m	47.348
6)	B beta-BHC	4.449	5.000	81179987	586.4E6	48.570	43.719
7)	B delta-BHC	4.654	5.224	202.2E6	1143.7E6	51.096	48.372
8)	B Heptachlo...	5.192	6.047	185.0E6	707.8E6	49.377	46.812
9)	A Endosulfan I	5.530	6.412	171.6E6	689.7E6	49.152m	47.513
10)	B gamma-Chl...	5.419	6.284	192.6E6	751.0E6	49.539	47.615
11)	B alpha-Chl...	5.478	6.357	189.7E6	728.9E6	49.619	47.374
12)	B 4,4'-DDE	5.644	6.512	180.7E6	715.0E6	51.324	47.633
13)	MA Dieldrin	5.776	6.673	193.5E6	735.7E6	51.515	48.145
14)	MA Endrin	6.035	6.896	157.9E6	541.9E6	50.579	52.247
15)	B Endosulfa...	6.308	7.110	148.7E6	598.7E6	49.421	47.827
16)	A 4,4'-DDD	6.161	7.012	148.2E6	612.9E6	50.488	49.278
17)	MA 4,4'-DDT	6.403	7.313	150.8E6	640.9E6	49.264	47.849
18)	B Endrin al...	6.478	7.236	115.9E6	486.4E6	48.327	48.235
19)	B Endosulfa...	6.690	7.460	147.2E6	588.0E6	49.416m	48.660
20)	A Methoxychlor	6.953	7.772	78171050	328.6E6	47.287	47.816
21)	B Endrin ke...	7.185	7.942	179.7E6	662.8E6	51.871	47.888
22)	Mirex	7.370	8.396	132.8E6	445.9E6	47.912m	48.524

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071030.D
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 Acq On : 20 Jul 2022 08:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

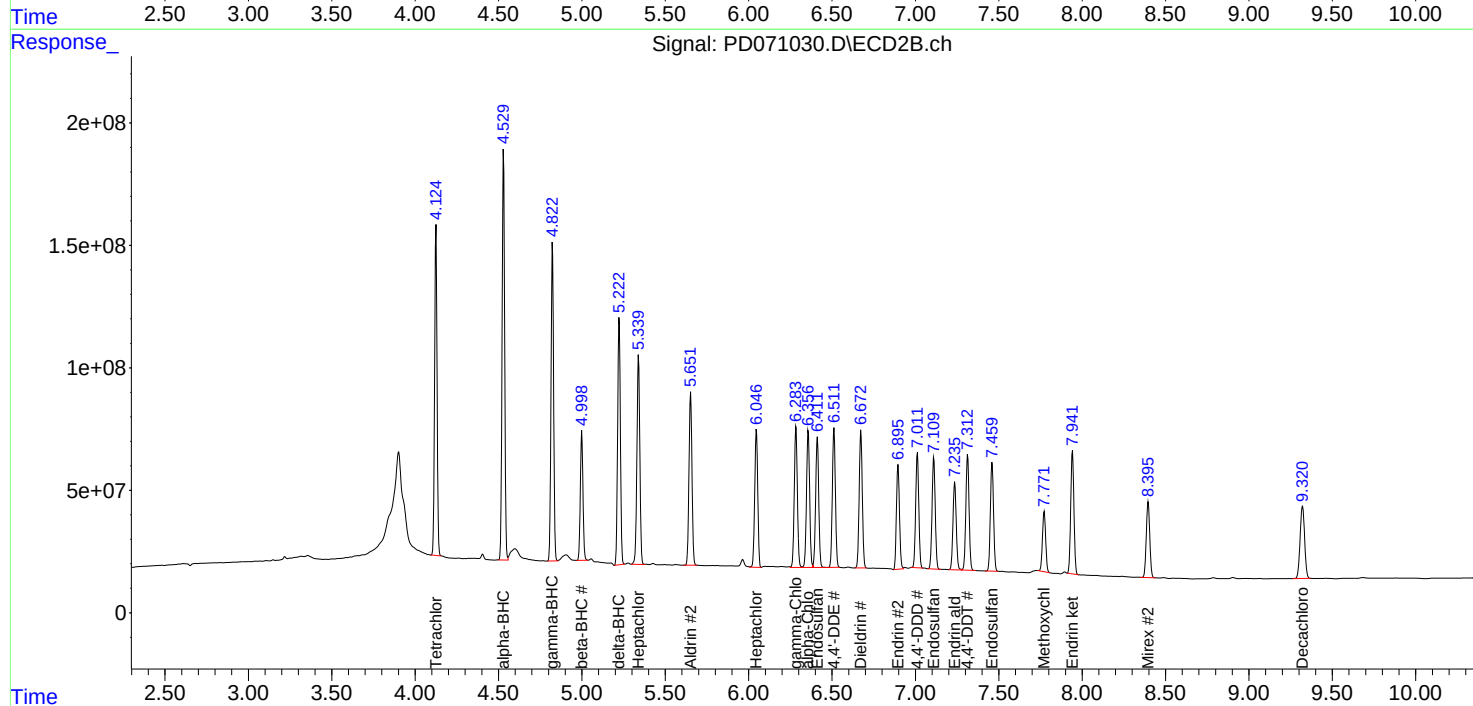
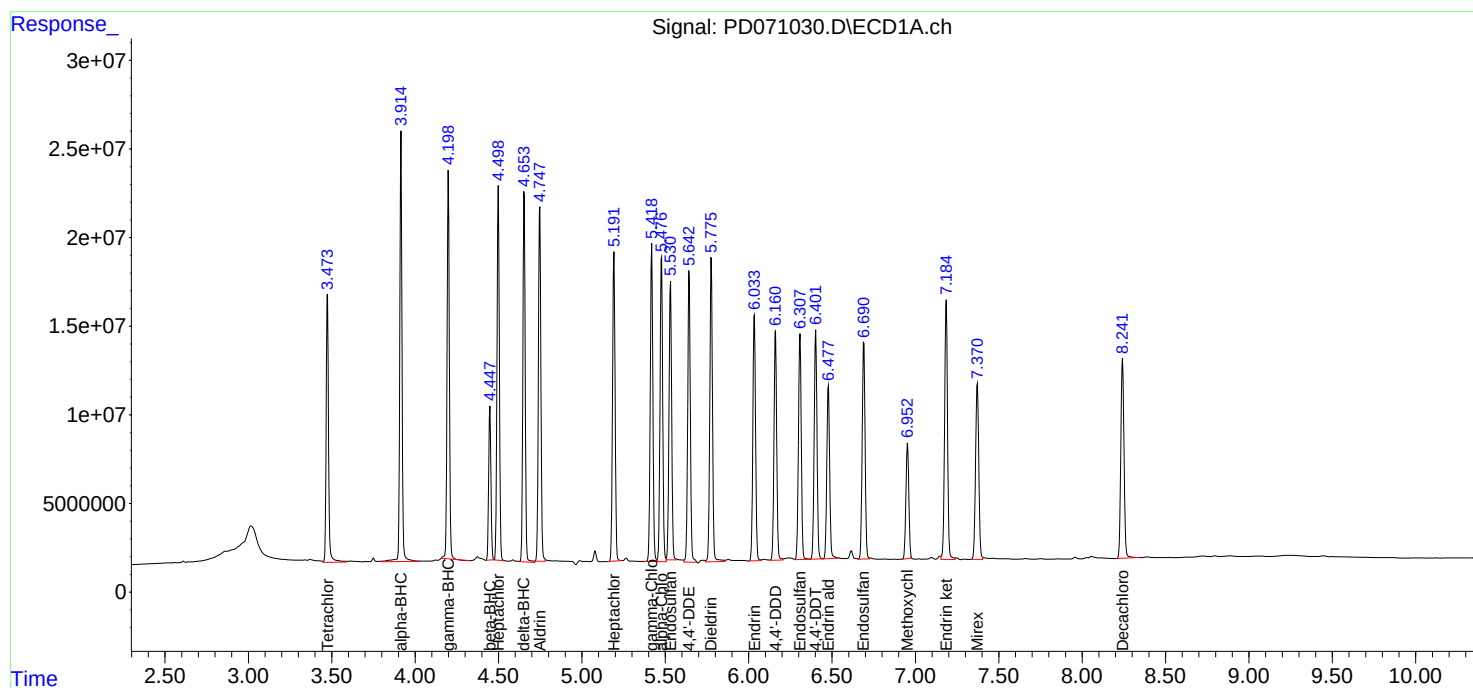
Manual Integrations

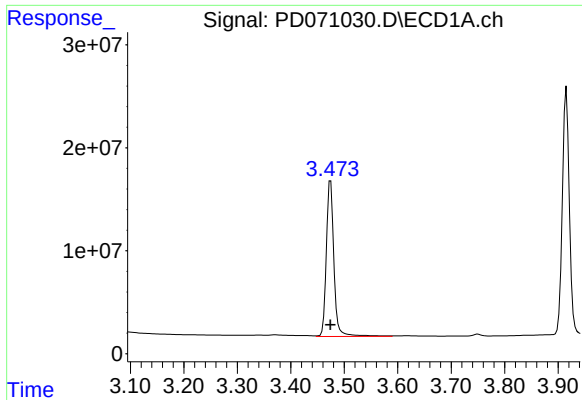
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Reviewed By :Abdul Mirza 07/20/2022
 Supervised By :Ankita Jodhani 07/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 08:40:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
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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.: 3.474 min
Delta R.T.: 0.000 min
Response: 149157785
Conc: 51.47 ng/ml

Instrument :

ECD_D

ClientSampleId :

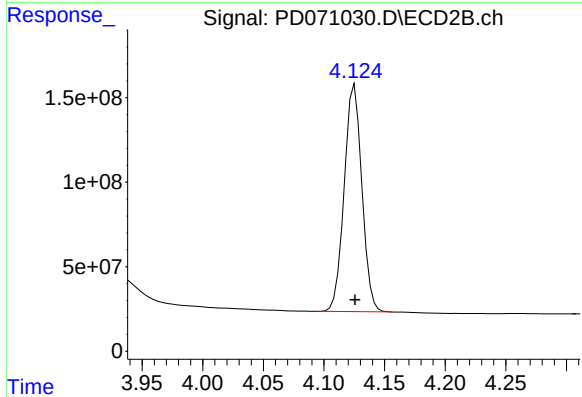
PSTDCCC050

Manual Integrations

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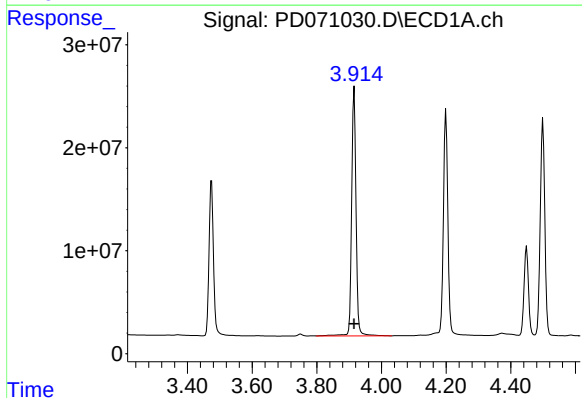
Reviewed By :Abdul Mirza 07/20/2022

Supervised By :Ankita Jodhani 07/20/2022



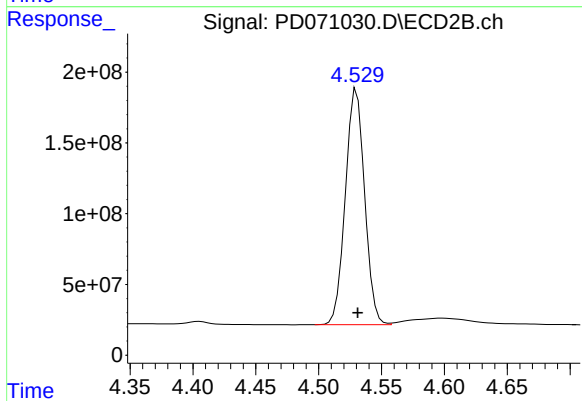
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 1361456030
Conc: 47.09 ng/ml



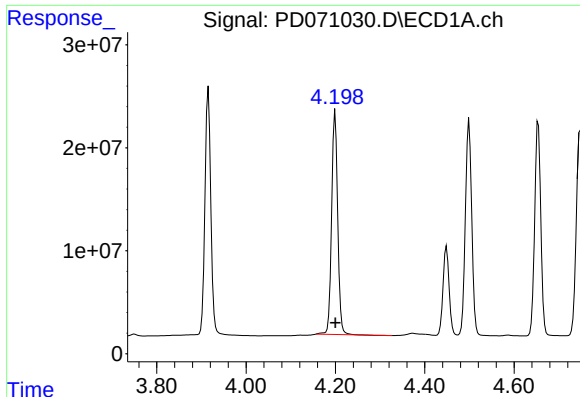
#2 alpha-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 229569027
Conc: 52.33 ng/ml



#2 alpha-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 1776599465
Conc: 46.87 ng/ml



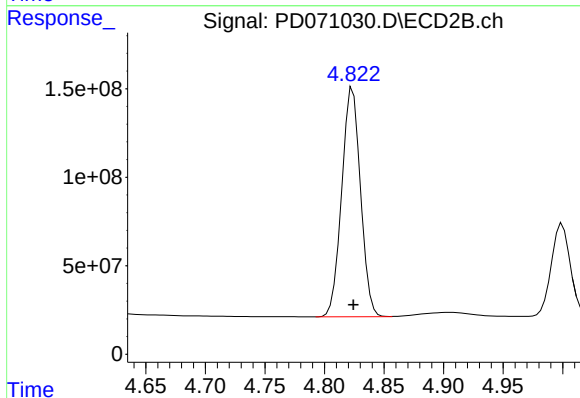
#3 gamma-BHC (Lindane)

R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 205156992
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

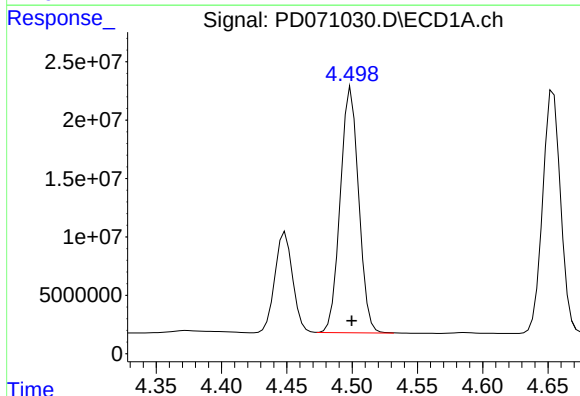
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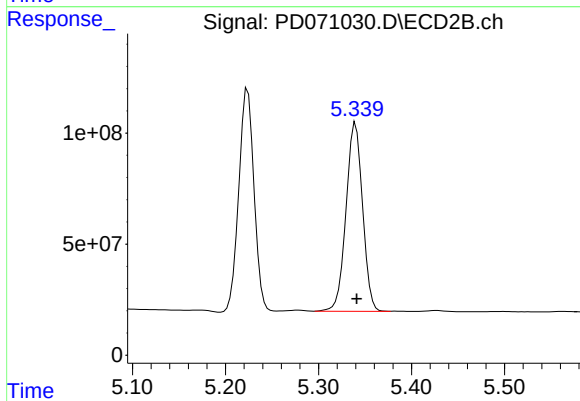
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1423314126
Conc: 47.65 ng/ml



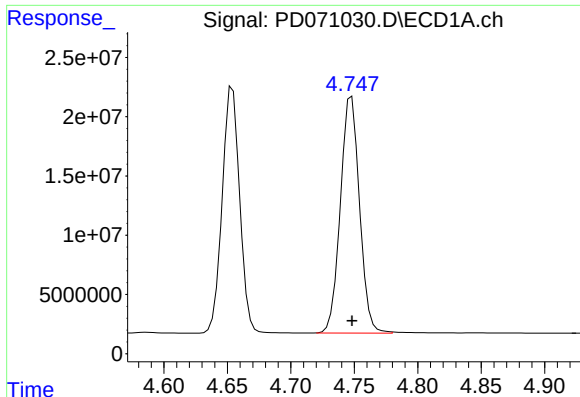
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 206174929
Conc: 49.52 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 1050465261
Conc: 47.55 ng/ml



#5 Aldrin

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 209309935
Conc: 50.09 ng/ml

Instrument :

ECD_D

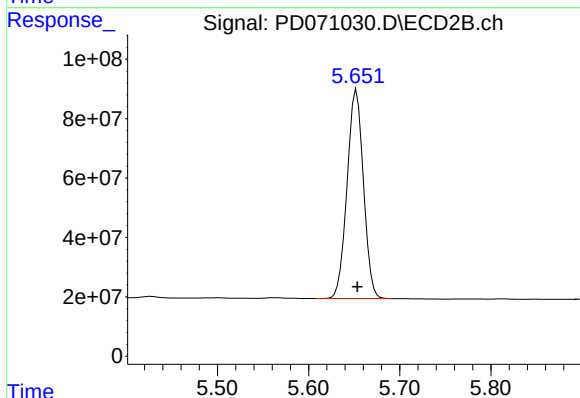
ClientSampleId :

PSTDCCC050

Manual Integrations

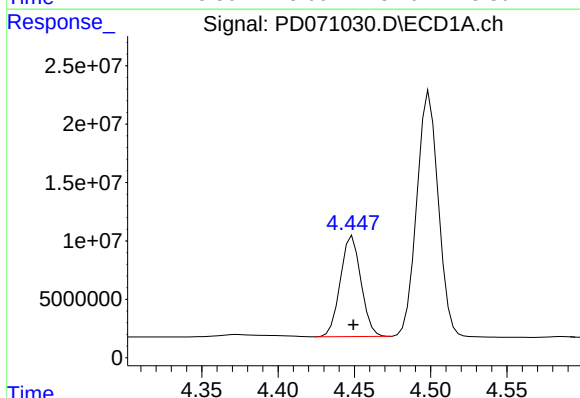
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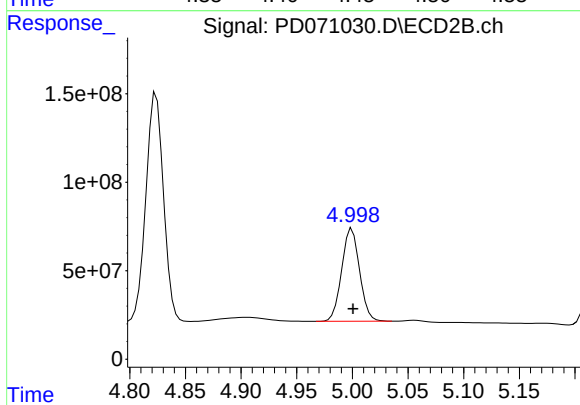
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 876548477
Conc: 47.35 ng/ml



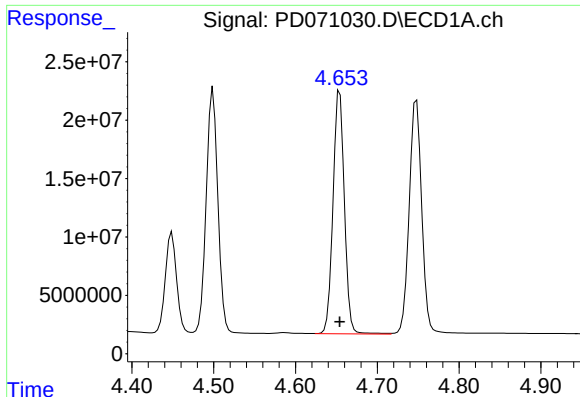
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 81179987
Conc: 48.57 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 586426059
Conc: 43.72 ng/ml



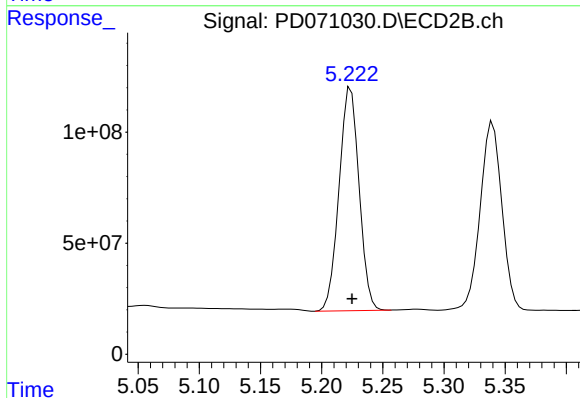
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 202235945
Conc: 51.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

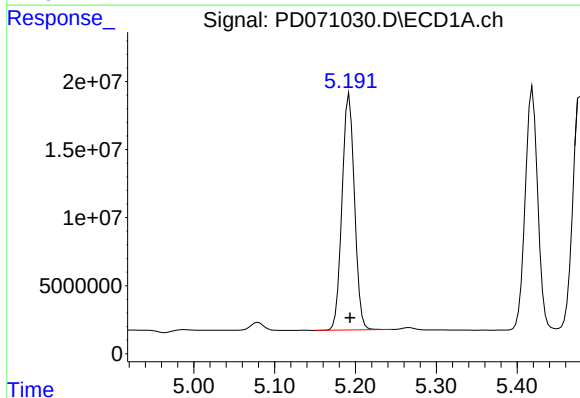
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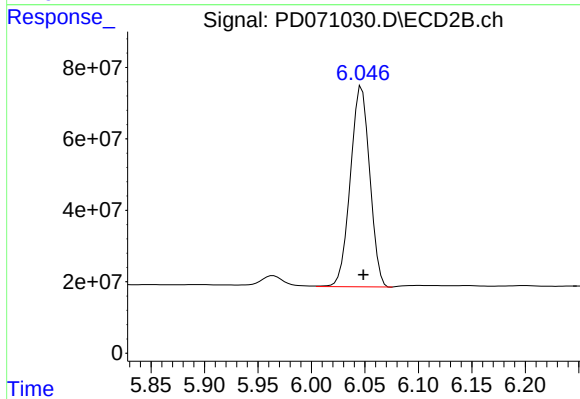
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 1143695650
Conc: 48.37 ng/ml



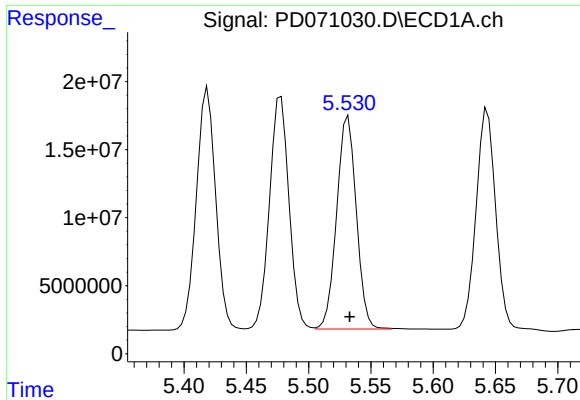
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 184958083
Conc: 49.38 ng/ml



#8 Heptachlor epoxide

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 707761200
Conc: 46.81 ng/ml



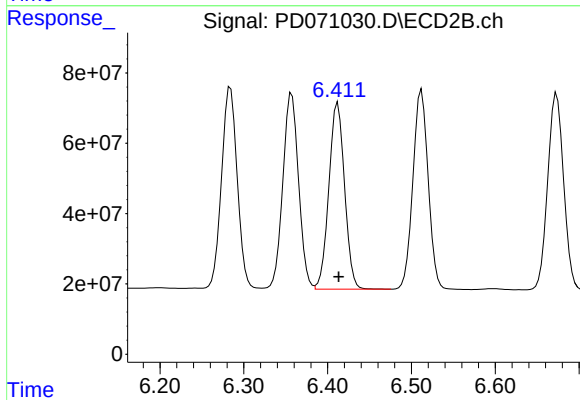
#9 Endosulfan I

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 171622254
Conc: 49.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

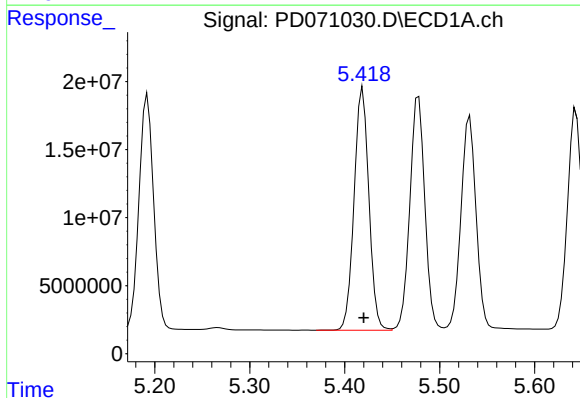
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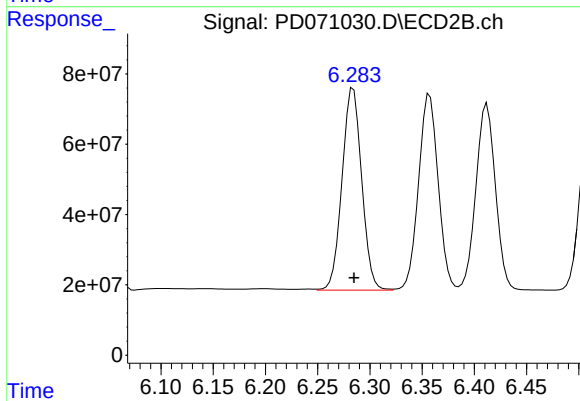
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 689718867
Conc: 47.51 ng/ml



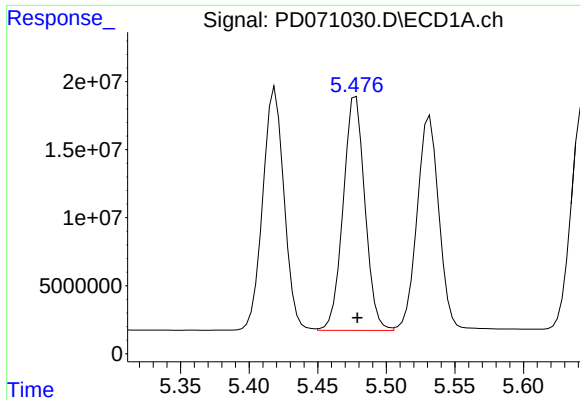
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: -0.001 min
Response: 192627801
Conc: 49.54 ng/ml



#10 gamma-Chlordane

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 750964296
Conc: 47.62 ng/ml



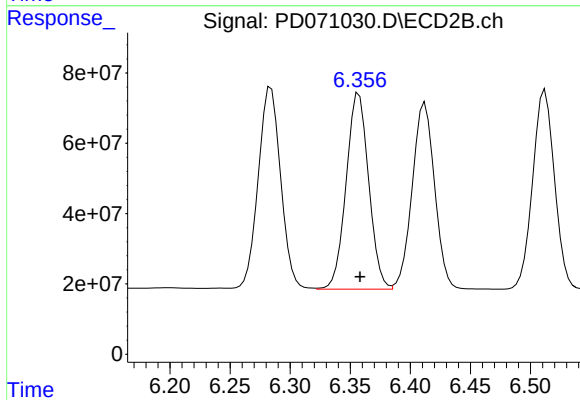
#11 alpha-Chlordane

R.T.: 5.478 min
Delta R.T.: -0.001 min
Response: 189711688
Conc: 49.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

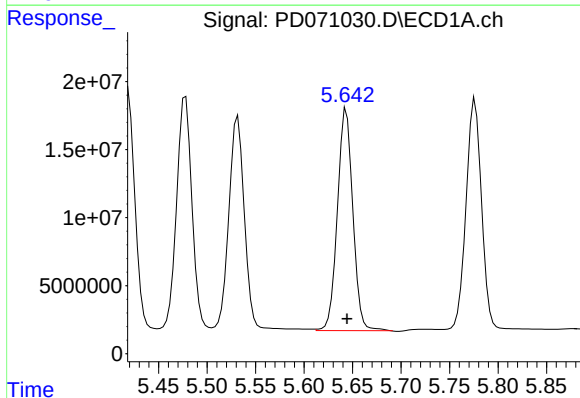
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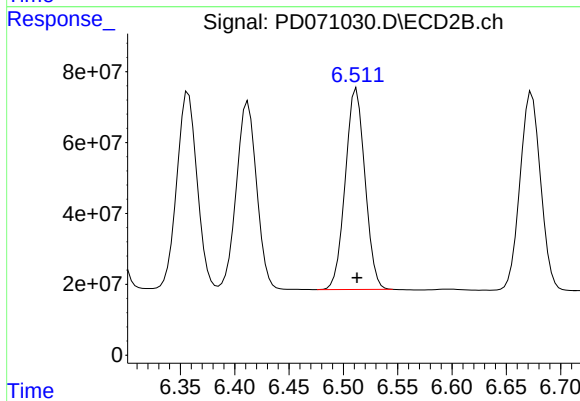
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 728933740
Conc: 47.37 ng/ml



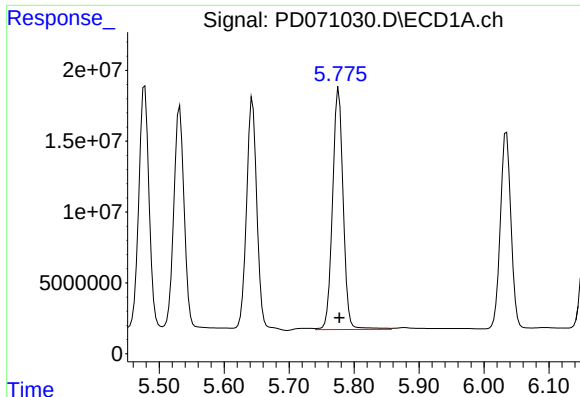
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 180747792
Conc: 51.32 ng/ml



#12 4,4'-DDE

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 714982130
Conc: 47.63 ng/ml



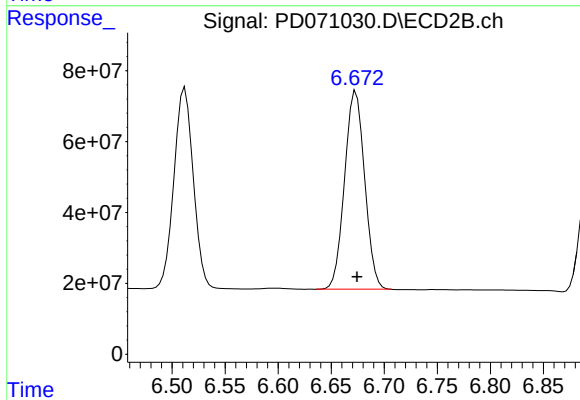
#13 Dieldrin

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 193517110
Conc: 51.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

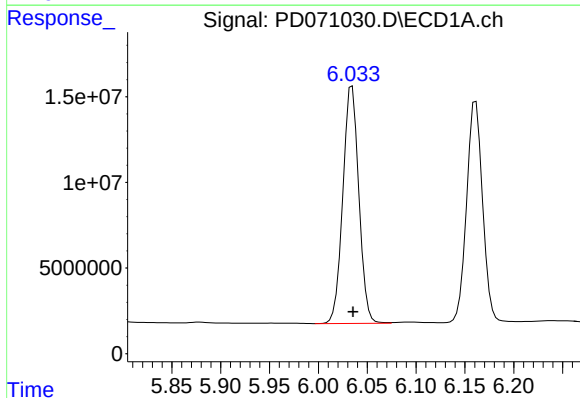
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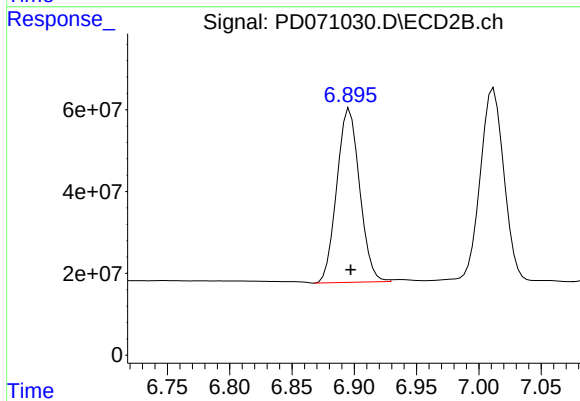
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 735651736
Conc: 48.14 ng/ml



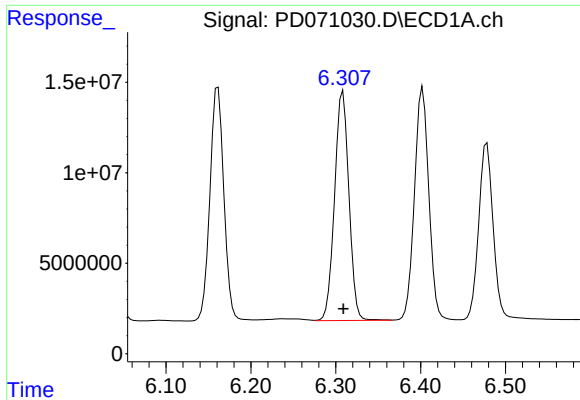
#14 Endrin

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 157947050
Conc: 50.58 ng/ml



#14 Endrin

R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 541915674
Conc: 52.25 ng/ml



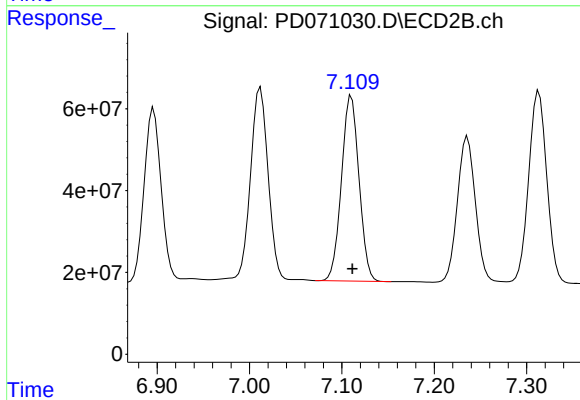
#15 Endosulfan II

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 148664824
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

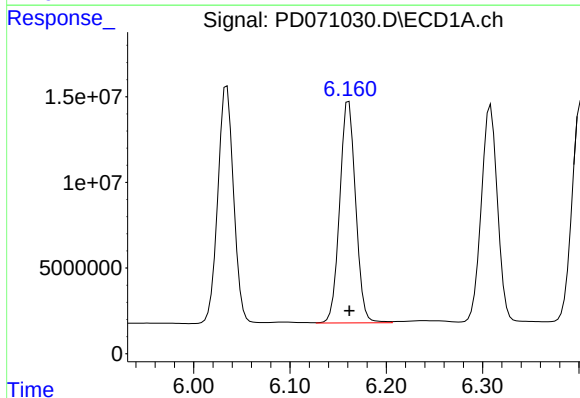
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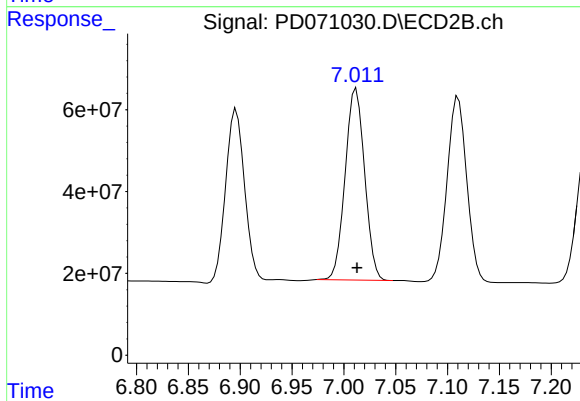
#15 Endosulfan II

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 598709892
Conc: 47.83 ng/ml



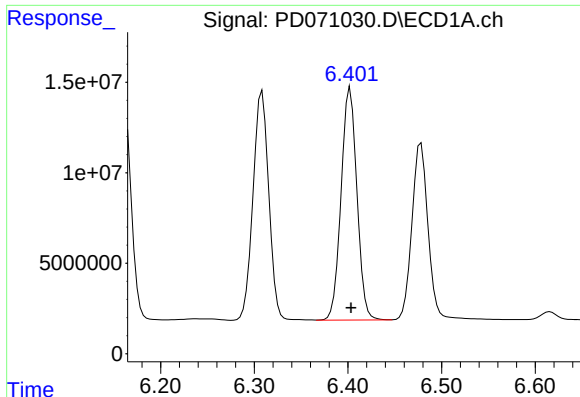
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 148179685
Conc: 50.49 ng/ml



#16 4,4'-DDD

R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 612930952
Conc: 49.28 ng/ml



#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 150804370
Conc: 49.26 ng/ml

Instrument :

ECD_D

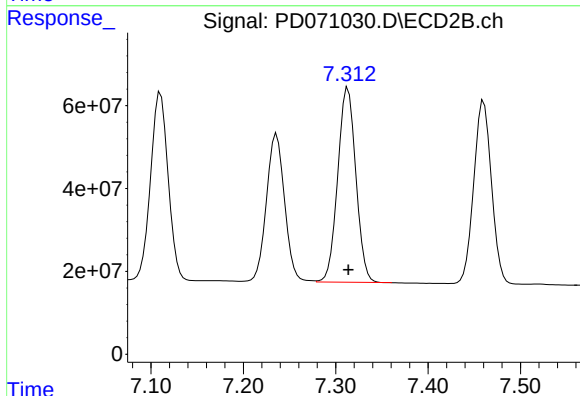
ClientSampleId :

PSTDCCC050

Manual Integrations

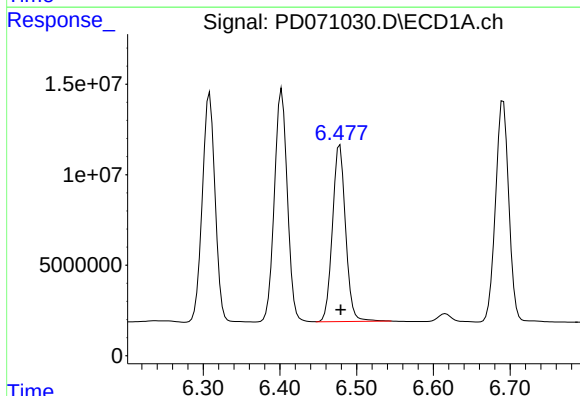
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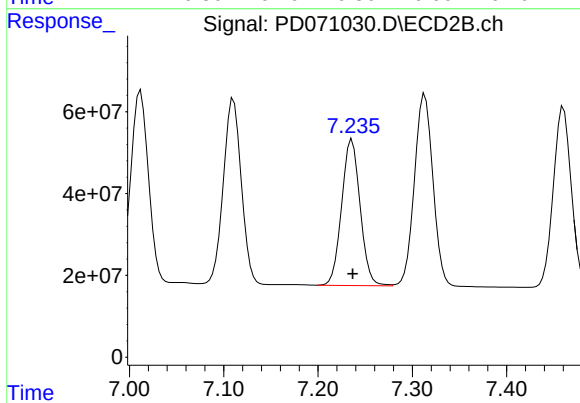
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 640861322
Conc: 47.85 ng/ml



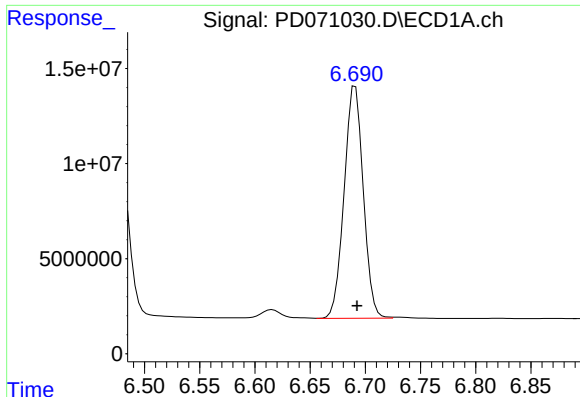
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 115912264
Conc: 48.33 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 486415509
Conc: 48.24 ng/ml



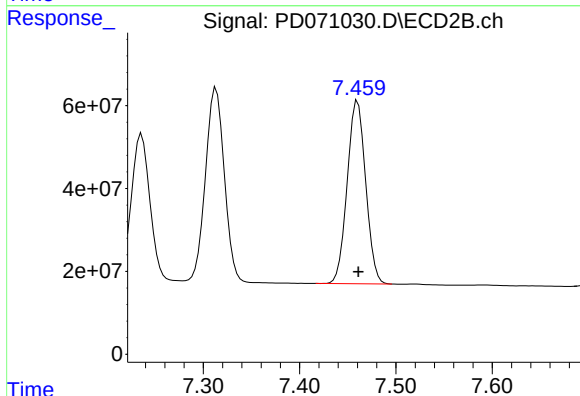
#19 Endosulfan Sulfate

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 147206983
Conc: 49.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

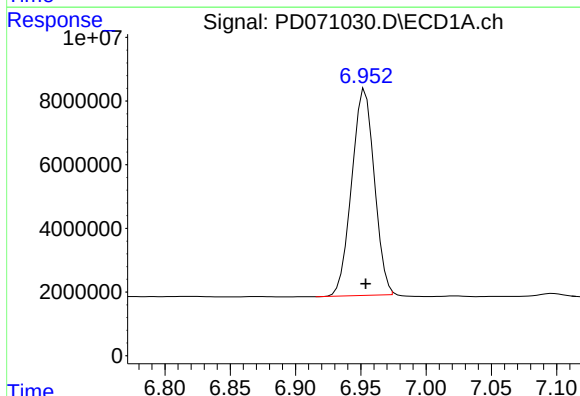
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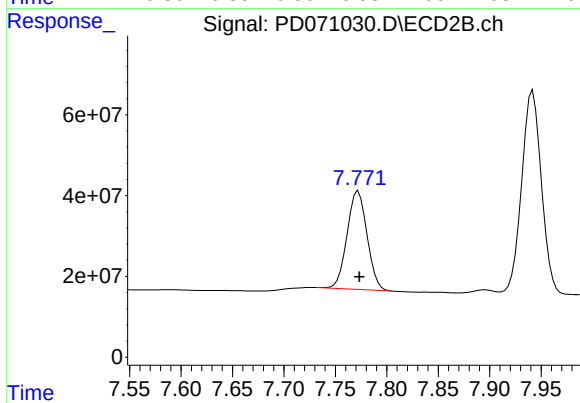
#19 Endosulfan Sulfate

R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 587966499
Conc: 48.66 ng/ml



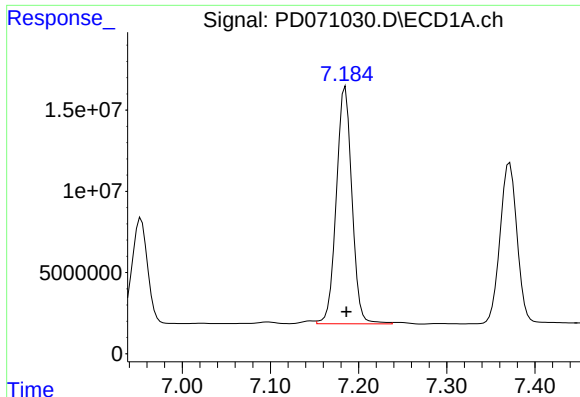
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 78171050
Conc: 47.29 ng/ml



#20 Methoxychlor

R.T.: 7.772 min
Delta R.T.: -0.001 min
Response: 328567383
Conc: 47.82 ng/ml



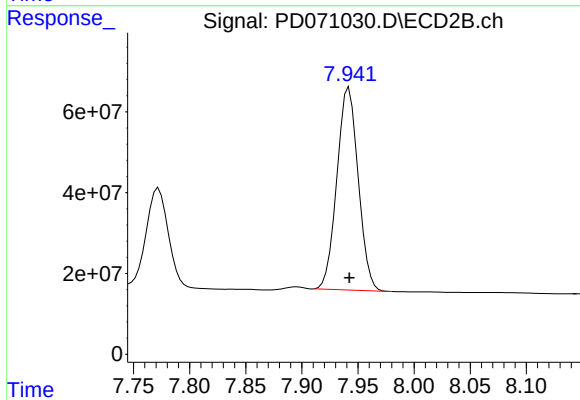
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 179674890
Conc: 51.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

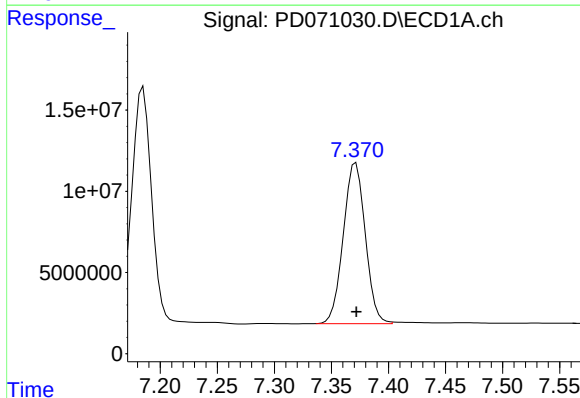
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APPROVED

Reviewed By :Abdul Mirza 07/20/2022
Supervised By :Ankita Jodhani 07/20/2022



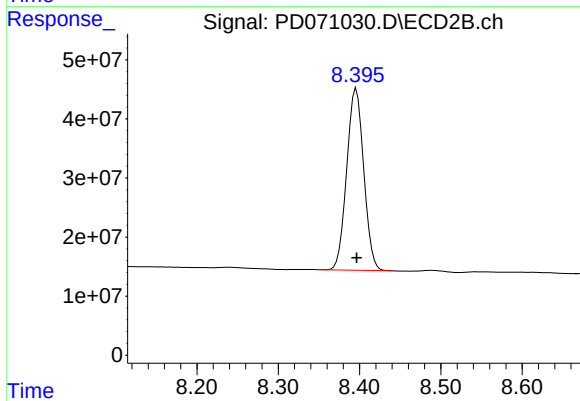
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 662761413
Conc: 47.89 ng/ml



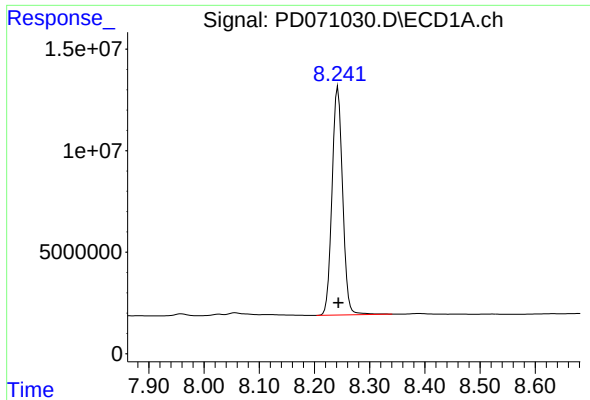
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 132835742
Conc: 47.91 ng/ml m



#22 Mirex

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 445907982
Conc: 48.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 149711920
Conc: 49.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

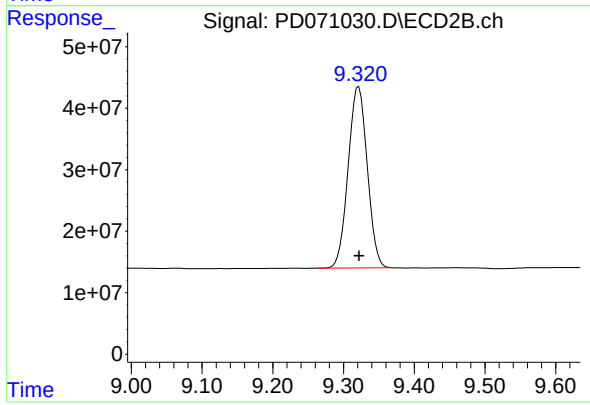
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 554726478
Conc: 48.64 ng/ml