

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
 Data File : PD071063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 19:27
 Operator : AR\AJ
 Sample : PB146328BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB146328BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/21/2022
 Supervised By : Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 23:45:57 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 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...	3.474	4.125	48278205	490.4E6	16.660	16.962
28)	SA Decachlor...	8.242	9.322	51924606	205.7E6	16.995	18.038
Target Compounds							
2)	A alpha-BHC	3.914	4.531	214.0E6	1810.2E6	48.779m	47.757
3)	MA gamma-BHC...	4.198	4.824	201.3E6	1423.0E6	46.359m	47.643
4)	MA Heptachlor	4.498	5.340	202.3E6	1053.2E6	48.597m	47.678
5)	MB Aldrin	4.748	5.653	211.2E6	907.9E6	50.532	49.040
6)	B beta-BHC	4.449	5.000	77262985	584.3E6	46.227	43.564
7)	B delta-BHC	4.654	5.225	193.4E6	1149.4E6	48.863	48.614
8)	B Heptachlo...	5.193	6.048	186.1E6	770.2E6	49.673	50.941
9)	A Endosulfan I	5.533	6.413	174.0E6	708.4E6	49.840	48.802
10)	B gamma-Chl...	5.419	6.285	190.0E6	771.3E6	48.851	48.903
11)	B alpha-Chl...	5.478	6.358	186.7E6	749.9E6	48.838	48.736
12)	B 4,4'-DDE	5.644	6.513	175.8E6	744.4E6	49.925	49.589
13)	MA Dieldrin	5.777	6.674	191.5E6	772.3E6	50.975	50.540
14)	MA Endrin	6.035	6.897	152.8E6	588.2E6	48.918	56.709
15)	B Endosulfa...	6.309	7.111	155.3E6	644.0E6	51.632	51.445
16)	A 4,4'-DDD	6.161	7.013	149.5E6	639.9E6	50.942	51.447
17)	MA 4,4'-DDT	6.403	7.314	147.9E6	647.0E6	48.301	48.306
18)	B Endrin al...	6.478	7.236	122.8E6	521.5E6	51.184	51.716
19)	B Endosulfa...	6.691	7.461	148.0E6	607.7E6	49.682m	50.297
20)	A Methoxychlor	6.952	7.773	77981907	330.6E6	47.172m	48.114
21)	B Endrin ke...	7.185	7.942	177.5E6	702.4E6	51.235	50.749
22)	Mirex	7.370	8.397	130.9E6	463.3E6	47.198m	50.419

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072122\
Data File : PD071063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 19:27
Operator : AR\AJ
Sample : PB146328BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

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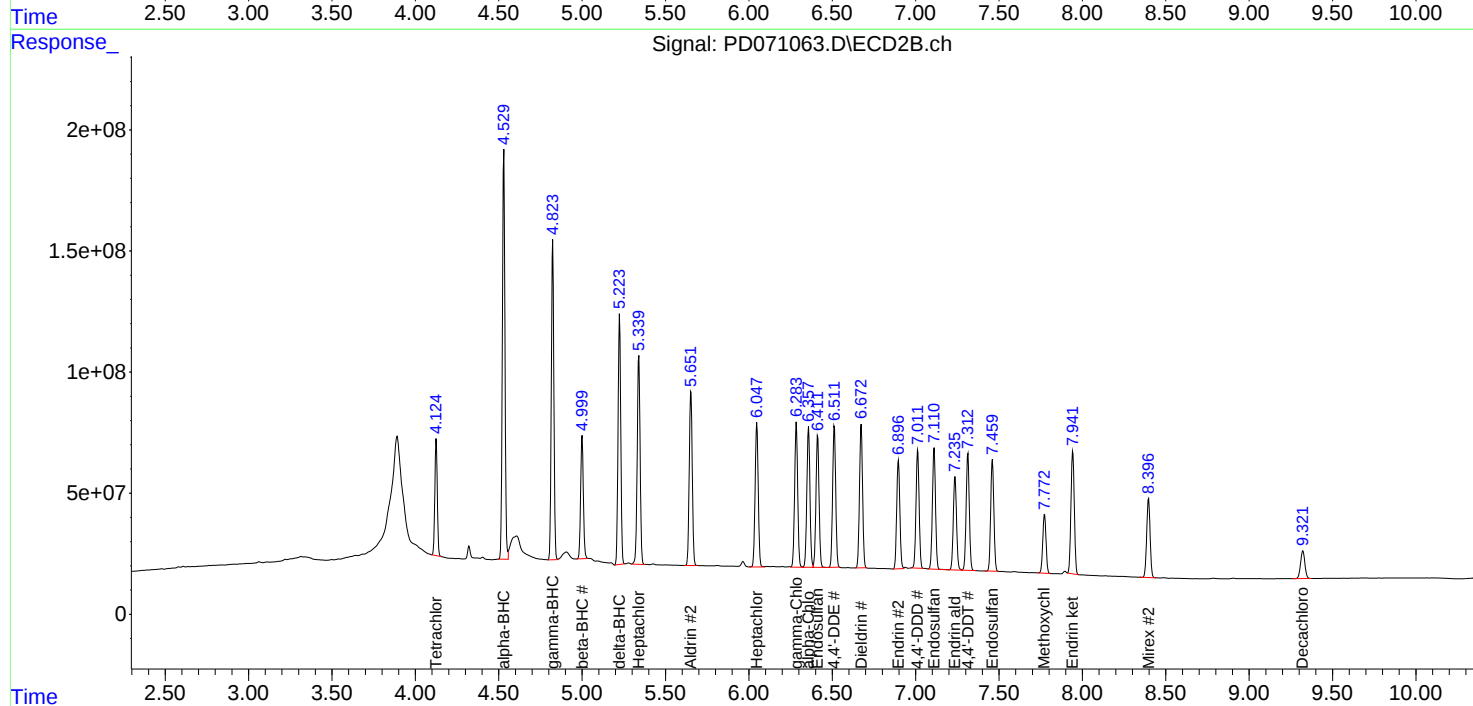
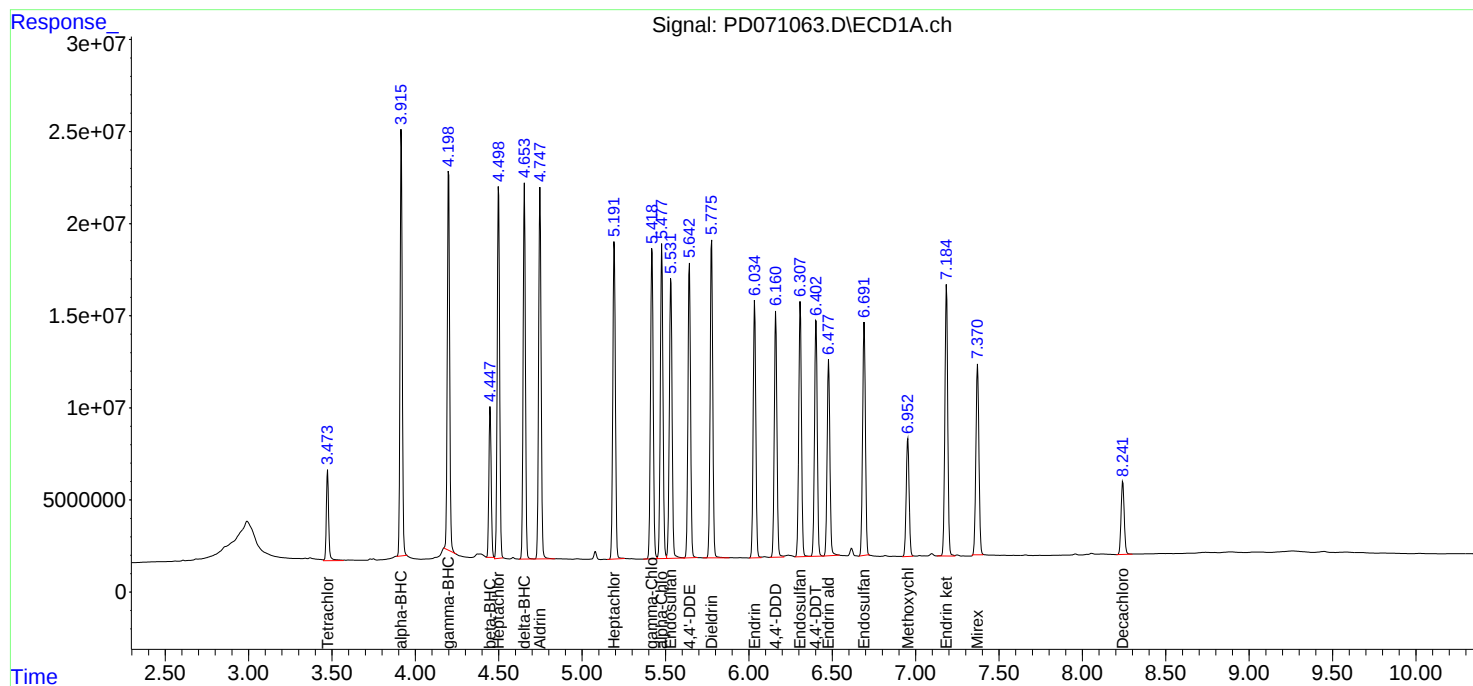
Manual Integrations

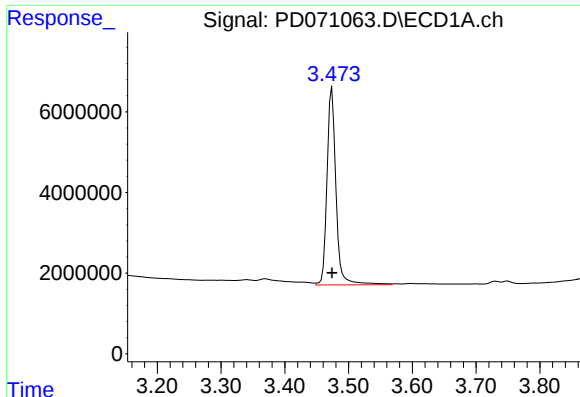
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Supervised By :Ankita Jodhani 07/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 23:45:57 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





#1 Tetrachloro-m-xylene

R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 48278205
Conc: 16.66 ng/ml

Instrument :

ECD_D

ClientSampleId :

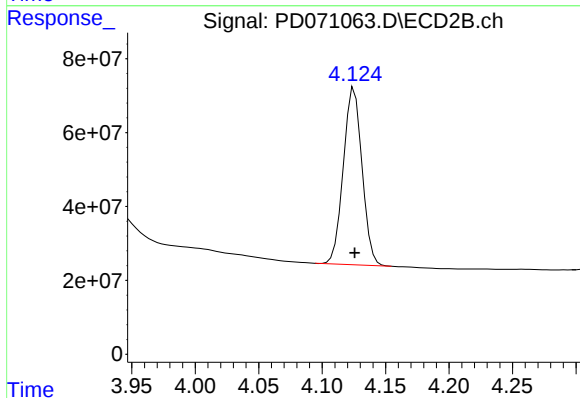
PB146328BS

Manual Integrations

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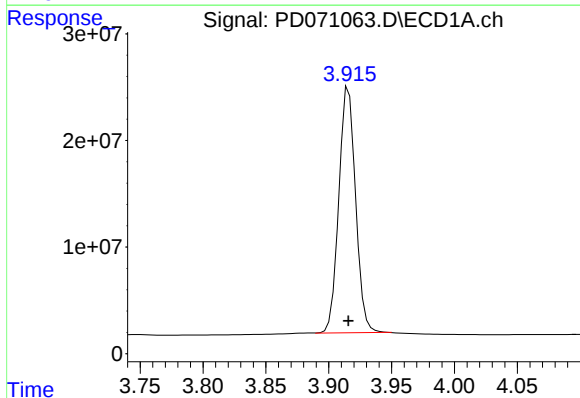
Reviewed By :Abdul Mirza 07/21/2022

Supervised By :Ankita Jodhani 07/21/2022



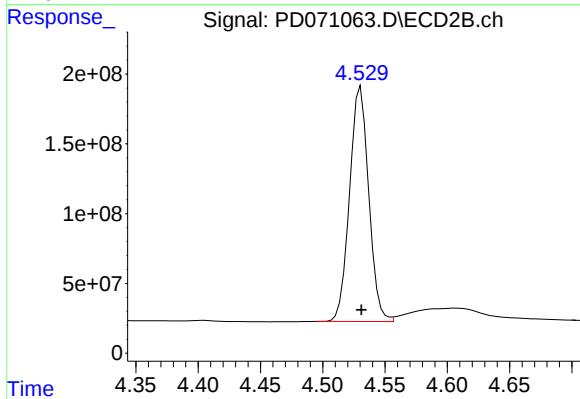
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 490409425
Conc: 16.96 ng/ml



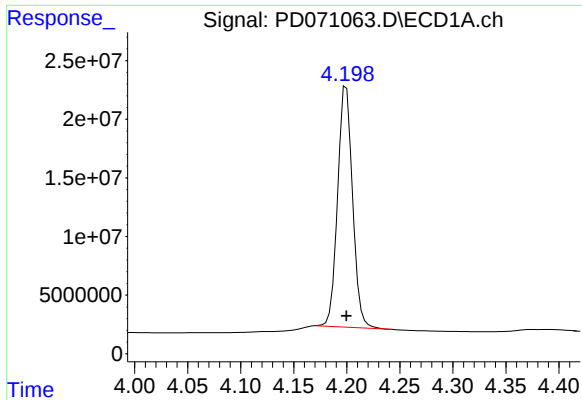
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 214005659
Conc: 48.78 ng/ml m



#2 alpha-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 1810158498
Conc: 47.76 ng/ml



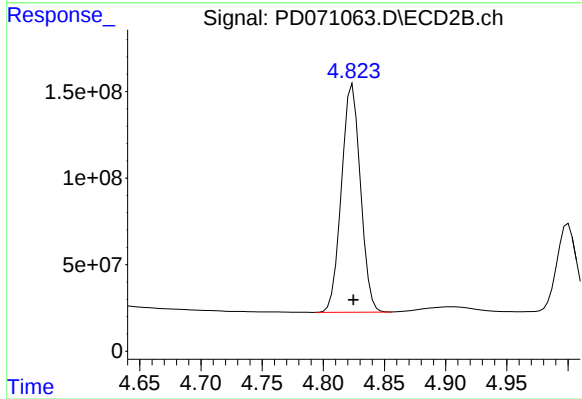
#3 gamma-BHC (Lindane)

R.T.: 4.198 min
Delta R.T.: -0.002 min
Response: 201293033
Conc: 46.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
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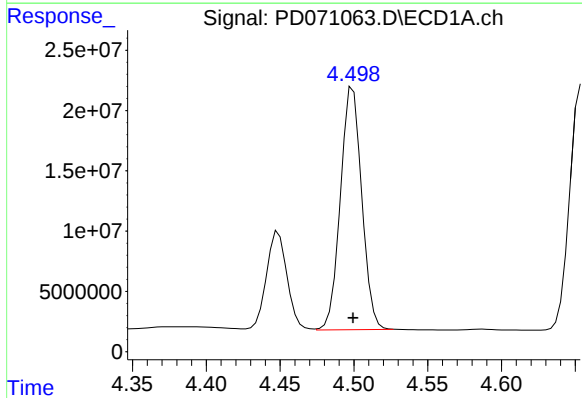
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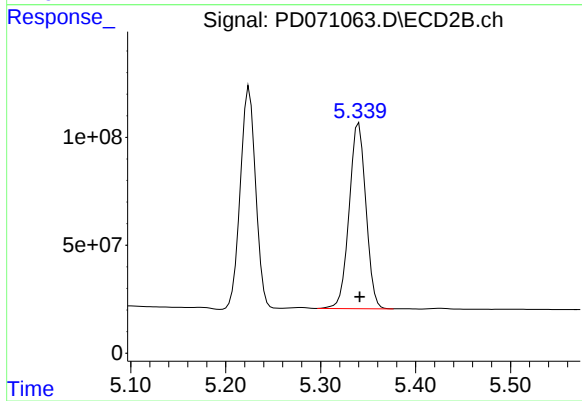
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 1422979939
Conc: 47.64 ng/ml



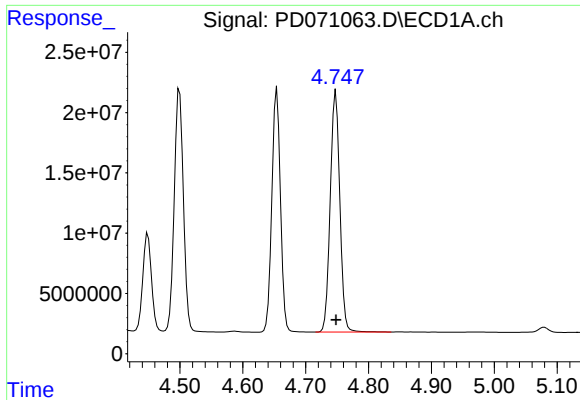
#4 Heptachlor

R.T.: 4.498 min
Delta R.T.: -0.002 min
Response: 202336586
Conc: 48.60 ng/ml m



#4 Heptachlor

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 1053186372
Conc: 47.68 ng/ml



#5 Aldrin

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 211174432
Conc: 50.53 ng/ml

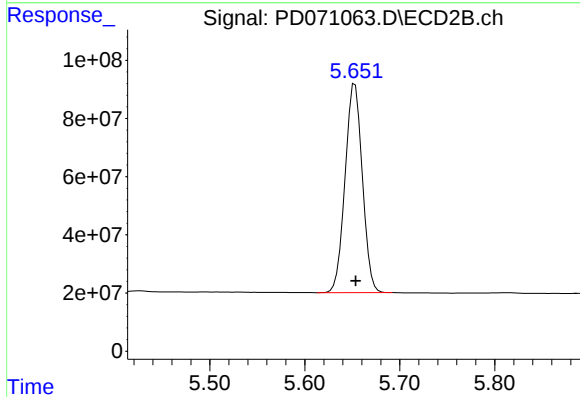
Instrument :

ECD_D

ClientSampleId :
PB146328BS

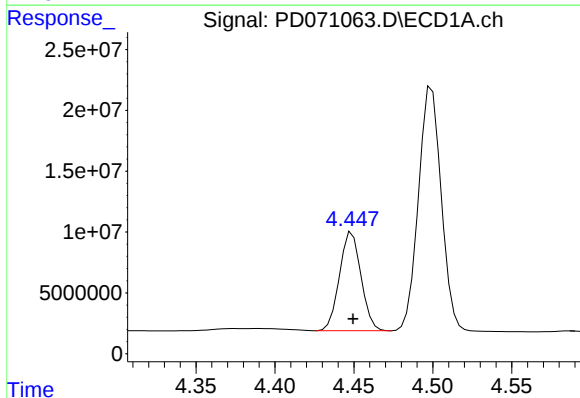
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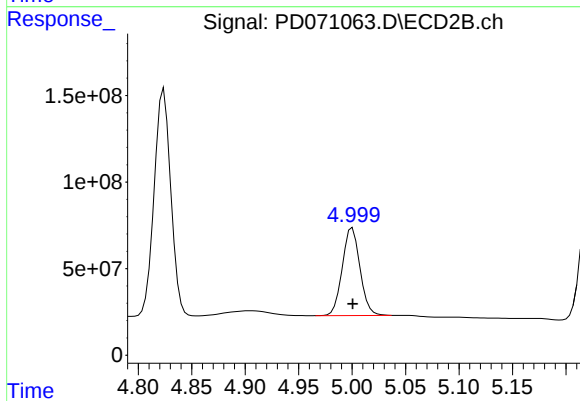
#5 Aldrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 907866037
Conc: 49.04 ng/ml



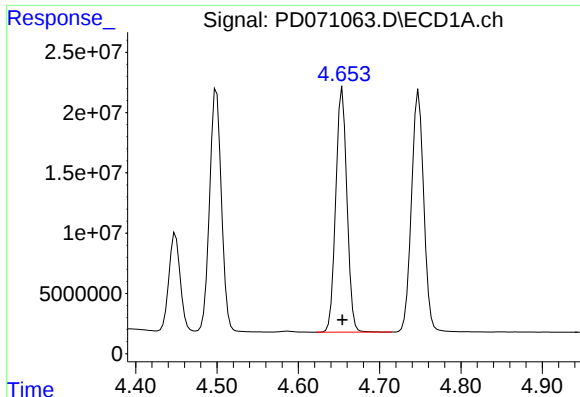
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 77262985
Conc: 46.23 ng/ml



#6 beta-BHC

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 584343365
Conc: 43.56 ng/ml



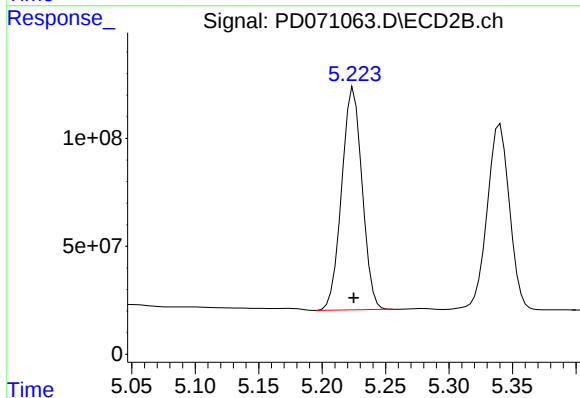
#7 delta-BHC

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 193395819
Conc: 48.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

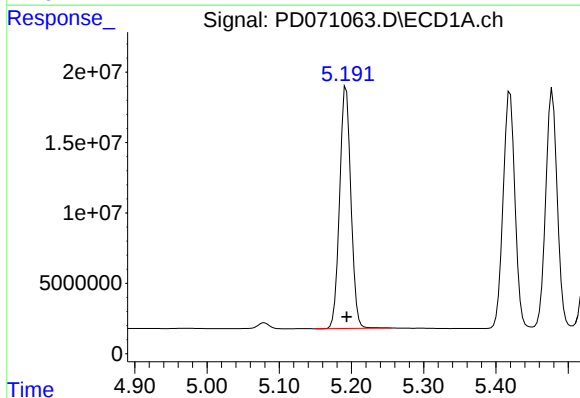
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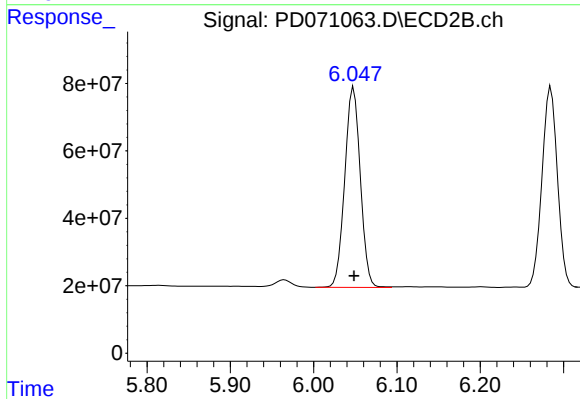
#7 delta-BHC

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 1149412904
Conc: 48.61 ng/ml



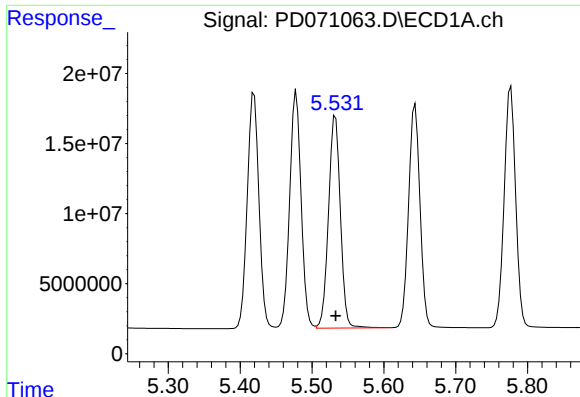
#8 Heptachlor epoxide

R.T.: 5.193 min
Delta R.T.: 0.000 min
Response: 186066723
Conc: 49.67 ng/ml



#8 Heptachlor epoxide

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 770192470
Conc: 50.94 ng/ml



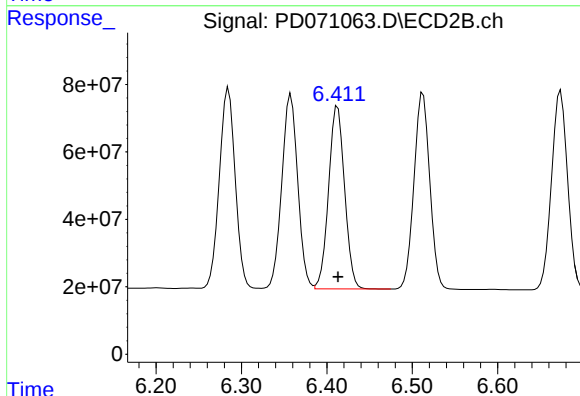
#9 Endosulfan I

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 174023167
Conc: 49.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

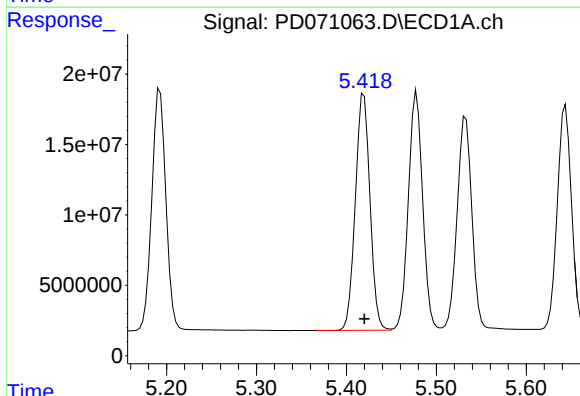
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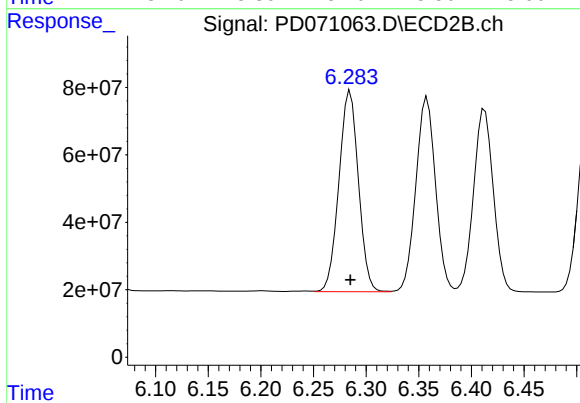
#9 Endosulfan I

R.T.: 6.413 min
Delta R.T.: 0.000 min
Response: 708437383
Conc: 48.80 ng/ml



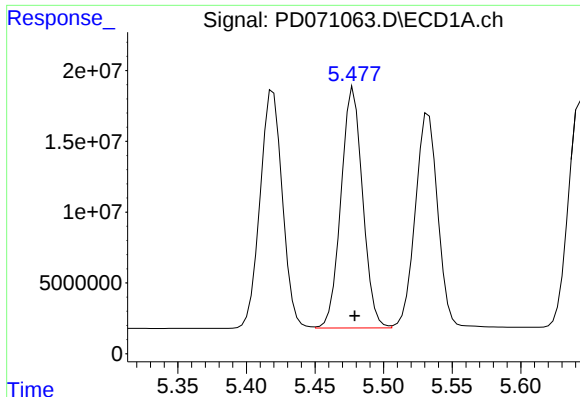
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: 0.000 min
Response: 189953052
Conc: 48.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 771278166
Conc: 48.90 ng/ml



#11 alpha-Chlordane

R.T.: 5.478 min
Delta R.T.: 0.000 min
Response: 186725448
Conc: 48.84 ng/ml

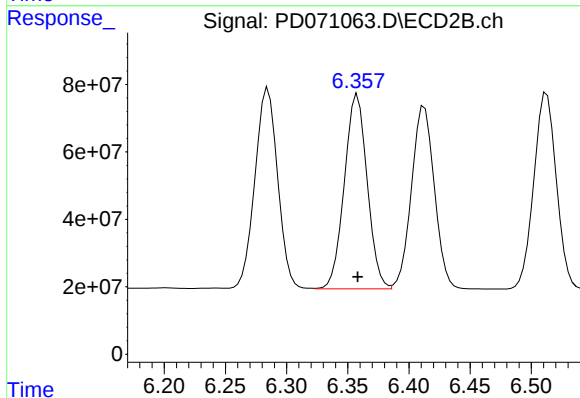
Instrument :

ECD_D

ClientSampleId :
PB146328BS

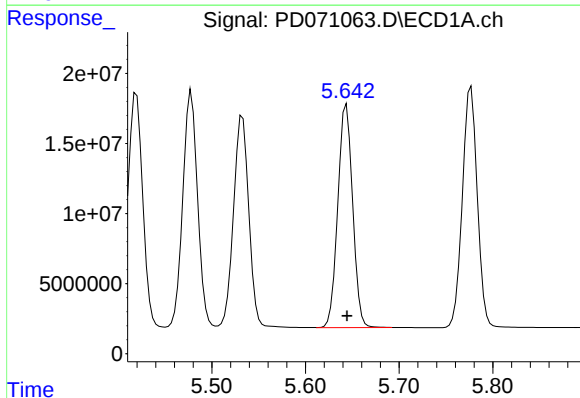
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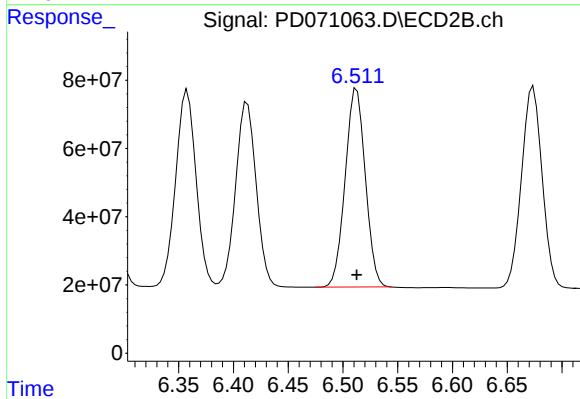
#11 alpha-Chlordane

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 749895513
Conc: 48.74 ng/ml



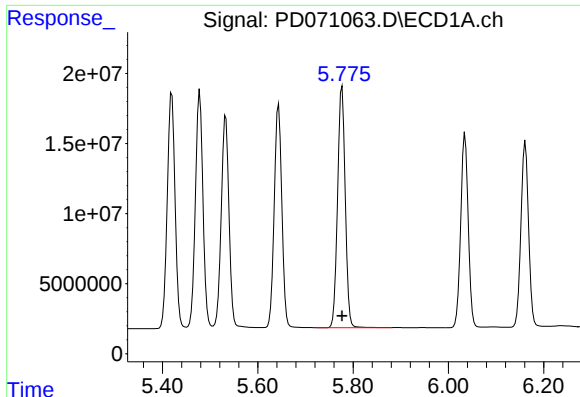
#12 4,4'-DDE

R.T.: 5.644 min
Delta R.T.: 0.000 min
Response: 175818403
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 6.513 min
Delta R.T.: 0.000 min
Response: 744351258
Conc: 49.59 ng/ml



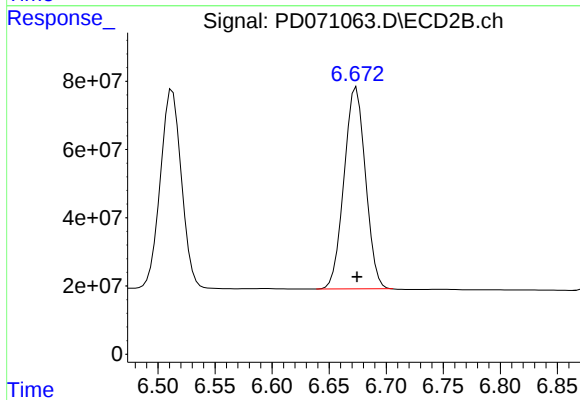
#13 Dieldrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 191487297
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

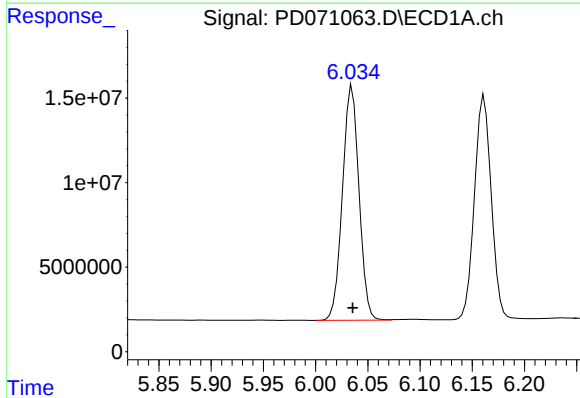
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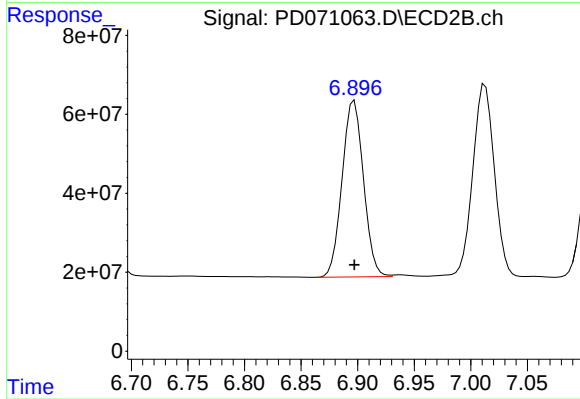
#13 Dieldrin

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 772256912
Conc: 50.54 ng/ml



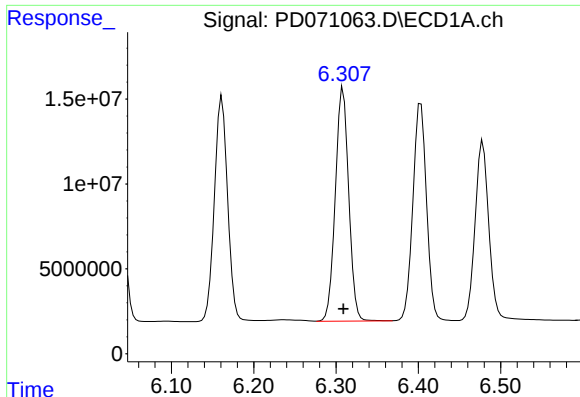
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 152758960
Conc: 48.92 ng/ml



#14 Endrin

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 588193906
Conc: 56.71 ng/ml



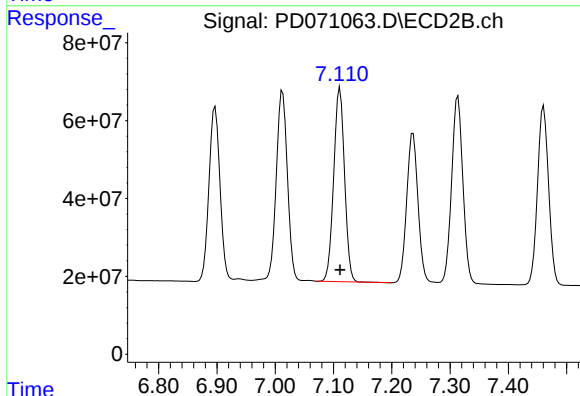
#15 Endosulfan II

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 155315747
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

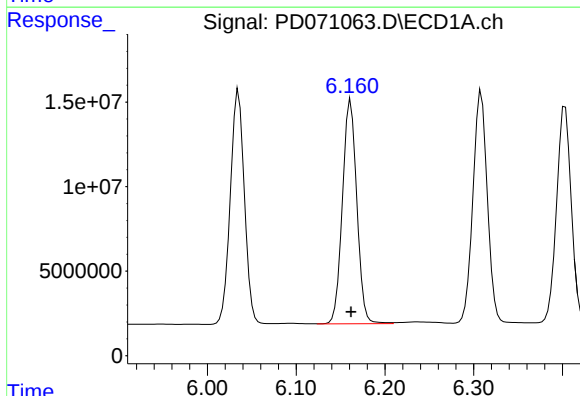
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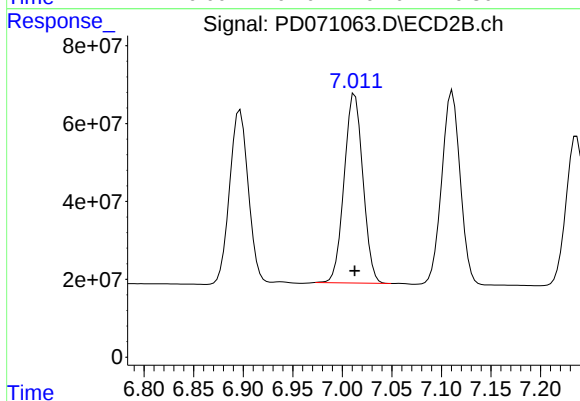
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 643999404
Conc: 51.45 ng/ml



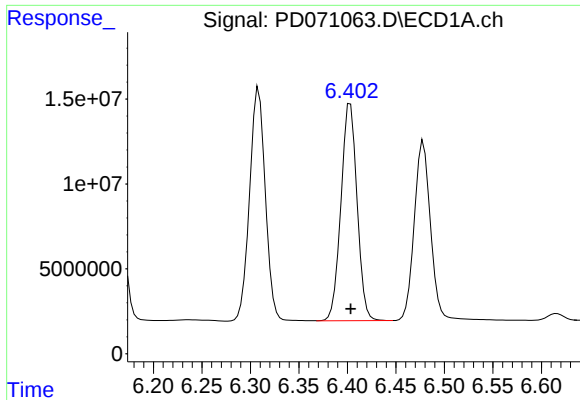
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 149512831
Conc: 50.94 ng/ml



#16 4,4'-DDD

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 639911170
Conc: 51.45 ng/ml



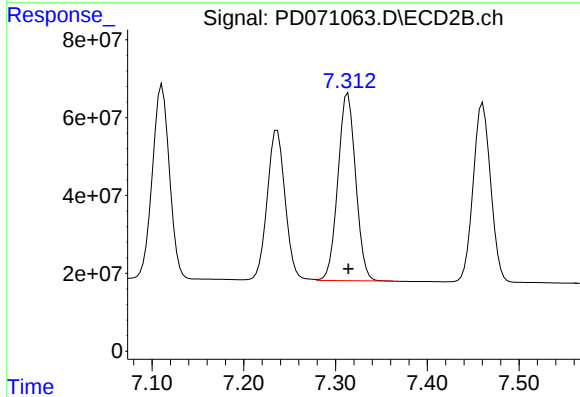
#17 4,4'-DDT

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 147854784
Conc: 48.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

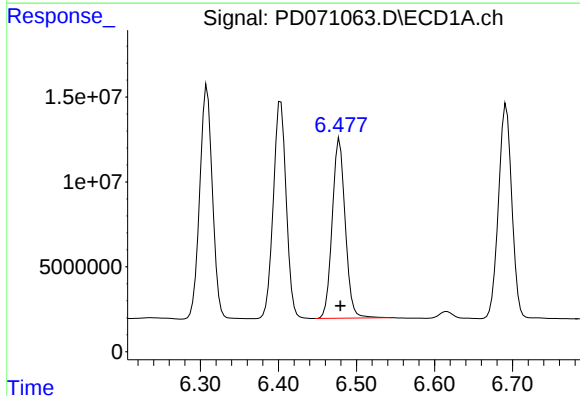
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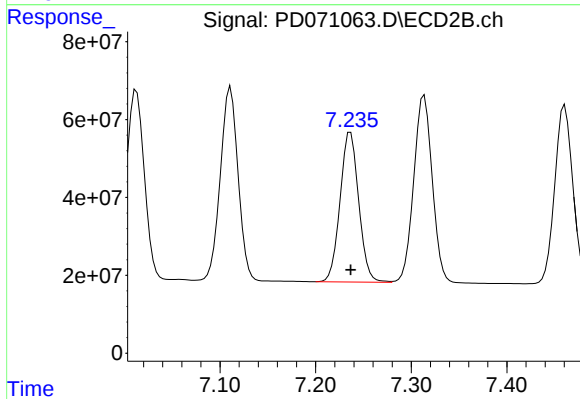
#17 4,4'-DDT

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 646981746
Conc: 48.31 ng/ml



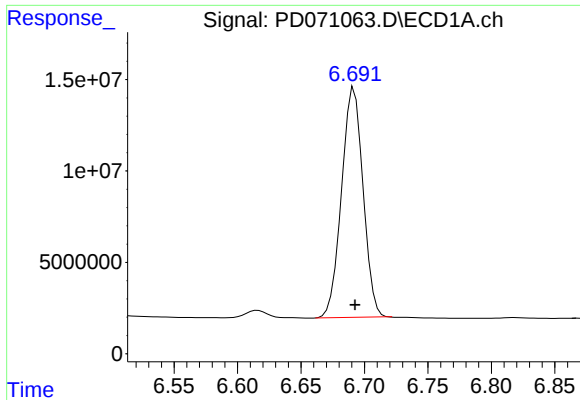
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 122765137
Conc: 51.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 521521430
Conc: 51.72 ng/ml



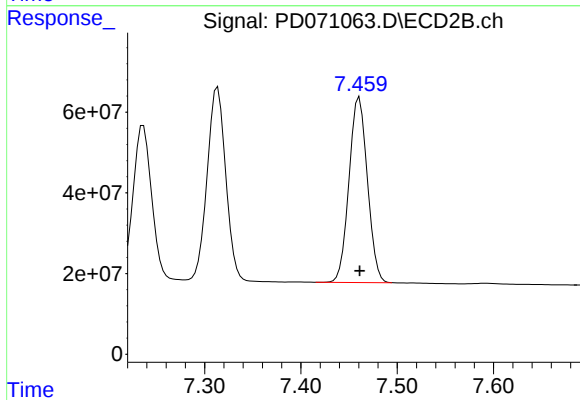
#19 Endosulfan Sulfate

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 147998445
Conc: 49.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

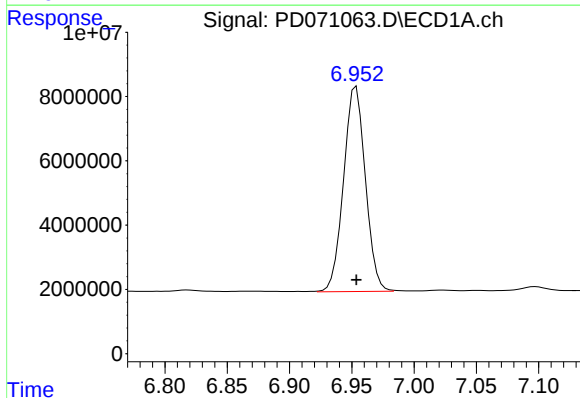
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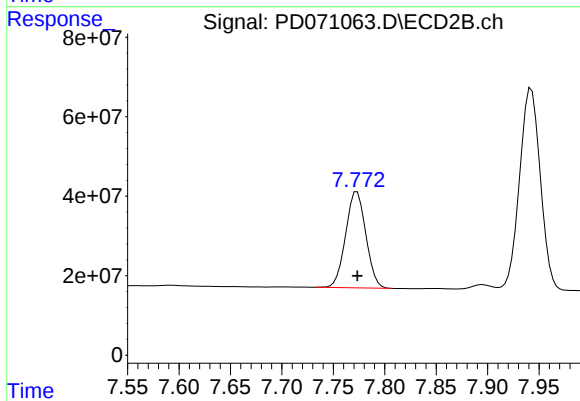
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 607744281
Conc: 50.30 ng/ml



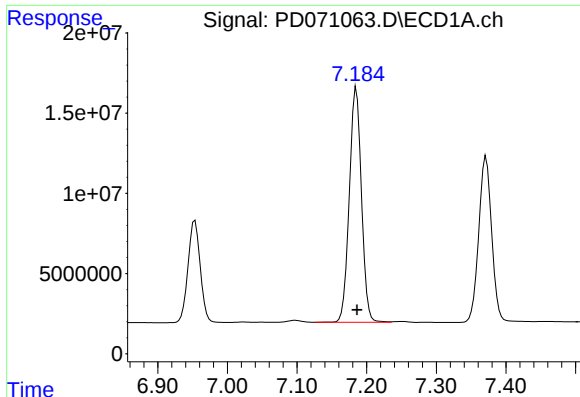
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.002 min
Response: 77981907
Conc: 47.17 ng/ml m



#20 Methoxychlor

R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 330614601
Conc: 48.11 ng/ml



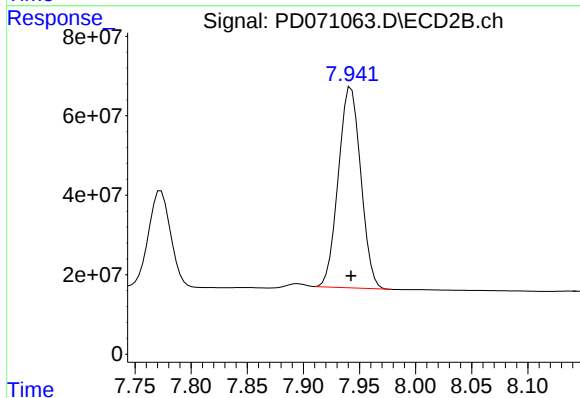
#21 Endrin ketone

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 177470493
Conc: 51.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB146328BS

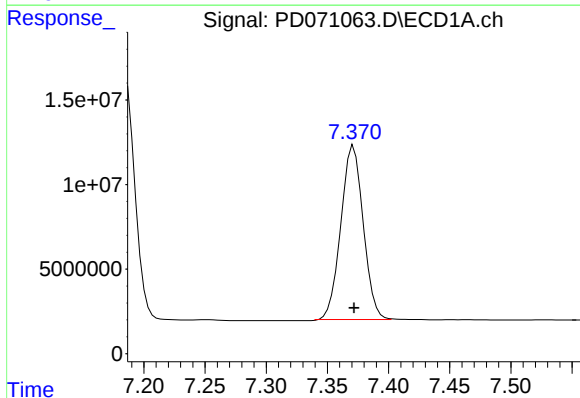
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2022
Supervised By :Ankita Jodhani 07/21/2022



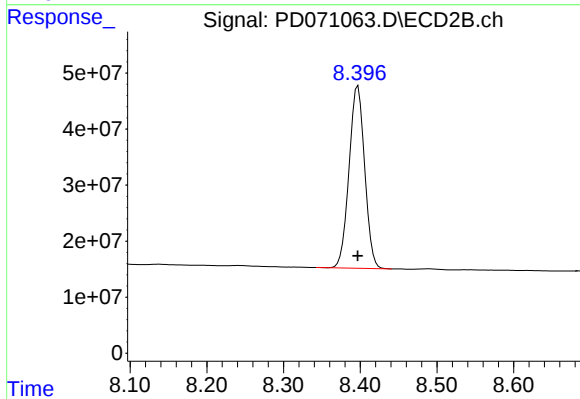
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 702365437
Conc: 50.75 ng/ml



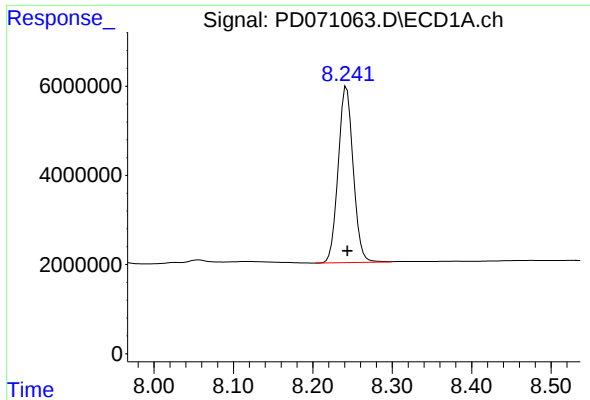
#22 Mirex

R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 130855352
Conc: 47.20 ng/ml m



#22 Mirex

R.T.: 8.397 min
Delta R.T.: 0.000 min
Response: 463322789
Conc: 50.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 51924606
Conc: 16.99 ng/ml

Instrument :

ECD_D

ClientSampleId :

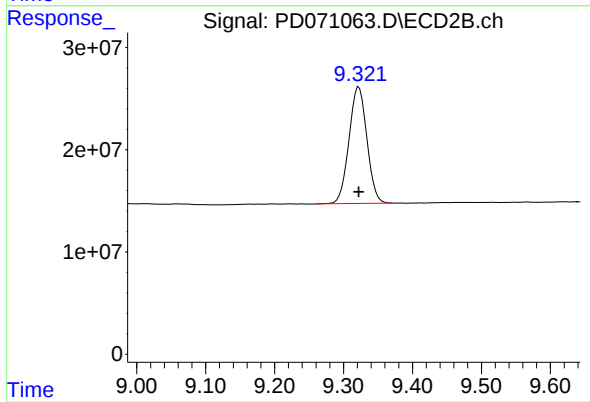
PB146328BS

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#28 Decachlorobiphenyl

R.T.: 9.322 min
Delta R.T.: 0.000 min
Response: 205721428
Conc: 18.04 ng/ml