

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091922\
 Data File : PD071933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 17:43
 Operator : AR\AJ
 Sample : PB147681BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB147681BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/19/2022
 Supervised By :Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 01:05:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.803	3.562	49826951	614.0E6	20.377	21.398
28)	SA Decachlor...	7.992	9.087	51001550	221.4E6	20.245	23.811
Target Compounds							
2)	A alpha-BHC	3.312	4.027	237.4E6	2350.7E6	61.612	58.580m
3)	MA gamma-BHC...	3.646	4.364	217.4E6	1918.2E6	61.904	58.424
4)	MA Heptachlor	3.991	4.941	231.2E6	1437.5E6	61.832	59.493
5)	MB Aldrin	4.274	5.283	219.0E6	1184.8E6	59.793m	58.445
6)	B beta-BHC	3.944	4.571	86139168	743.5E6	56.854	56.253
7)	B delta-BHC	4.177	4.818	212.2E6	1356.7E6	60.208	58.041
8)	B Heptachlo...	4.781	5.713	193.9E6	985.9E6	59.286	63.938m
9)	A Endosulfan I	5.155	6.101	176.8E6	893.9E6	55.623	60.637m
10)	B gamma-Chl...	5.034	5.968	197.6E6	952.0E6	58.630	59.249m
11)	B alpha-Chl...	5.099	6.046	193.1E6	930.8E6	58.174	59.658m
12)	B 4,4'-DDE	5.290	6.218	182.4E6	878.2E6	59.599	59.615m
13)	MA Dieldrin	5.422	6.379	196.4E6	938.1E6	58.729	61.894
14)	MA Endrin	5.700	6.609	188.4E6	601.4E6	63.600	47.615m#
15)	B Endosulfa...	5.994	6.837	151.3E6	741.8E6	54.928	59.909
16)	A 4,4'-DDD	5.848	6.743	151.4E6	746.8E6	59.704	62.837
17)	MA 4,4'-DDT	6.101	7.055	156.2E6	787.9E6	59.328	63.781
18)	B Endrin al...	6.175	6.969	122.3E6	590.5E6	55.286	61.158
19)	B Endosulfa...	6.399	7.202	152.8E6	714.8E6	56.982	64.095
20)	A Methoxychlor	6.680	7.529	85166355	630.5E6	56.878	103.713m#
21)	B Endrin ke...	6.907	7.693	222.9E6	756.6E6	74.302m	60.832
22)	Mirex	7.094	8.155	131.3E6	535.9E6	55.719m	61.878

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091922\
Data File : PD071933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2022 17:43
Operator : AR\AJ
Sample : PB147681BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

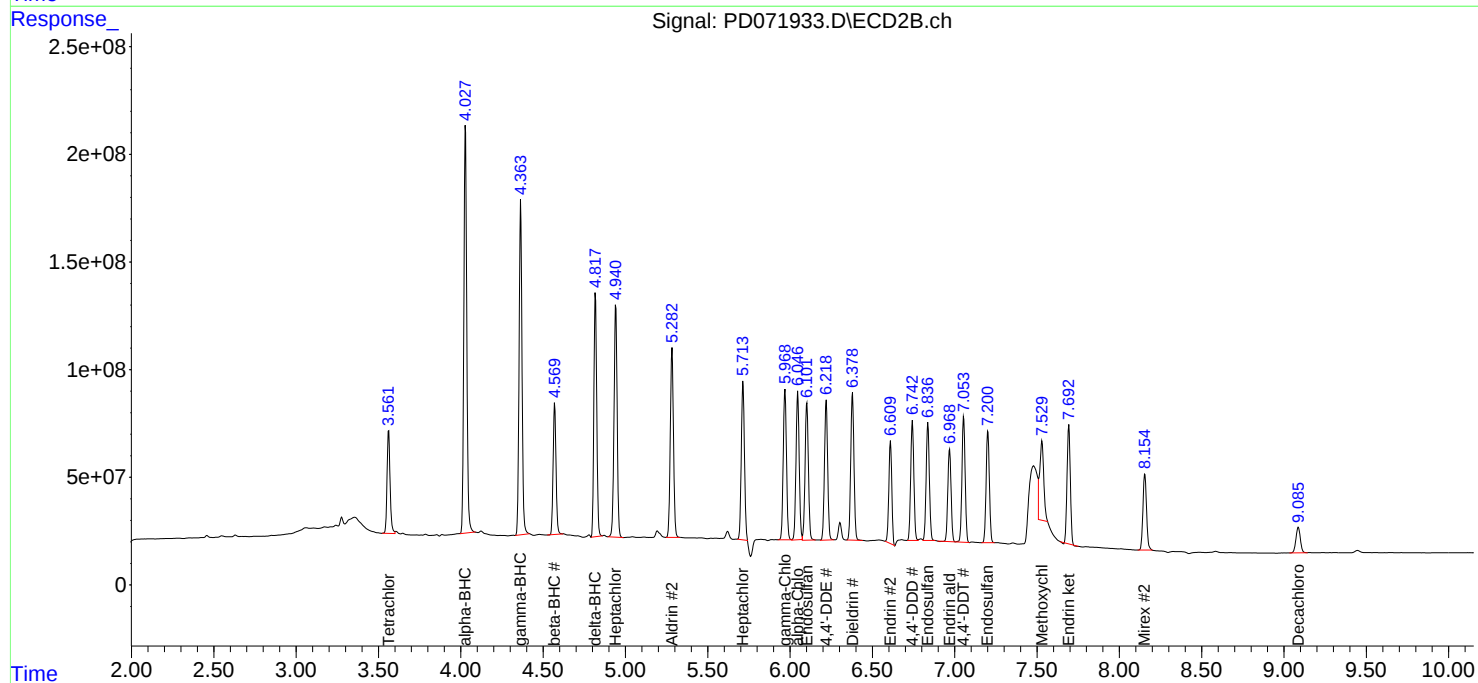
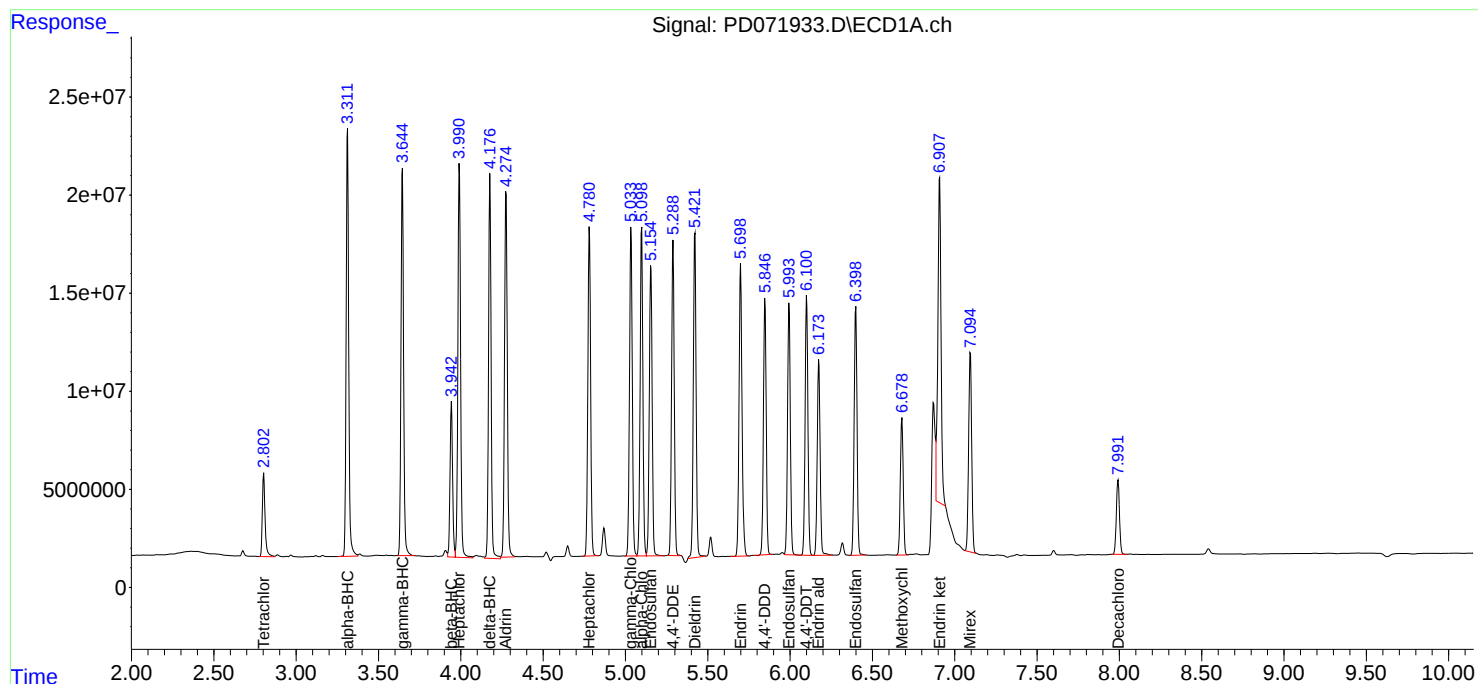
Instrument :
ECD_D
ClientSampleId :
PB147681BSD

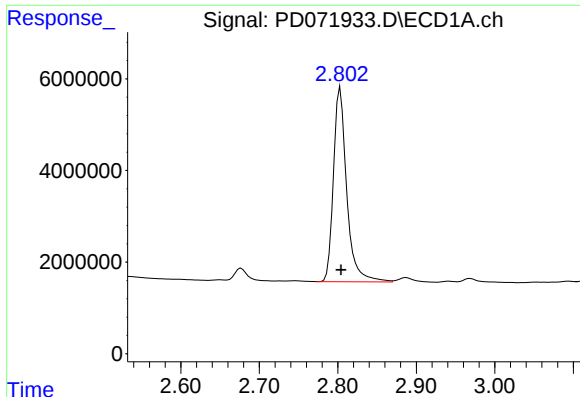
Manual Integrations
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Reviewed By : Abdul Mirza 09/19/2022
Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 01:05:58 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 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.: 2.803 min
Delta R.T.: 0.000 min
Response: 49826951
Conc: 20.38 ng/ml

Instrument :

ECD_D

ClientSampleId :

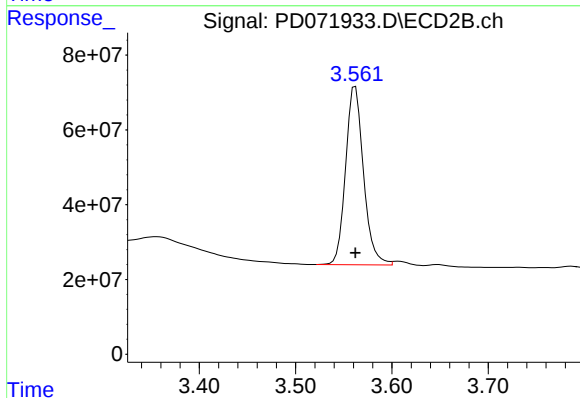
PB147681BSD

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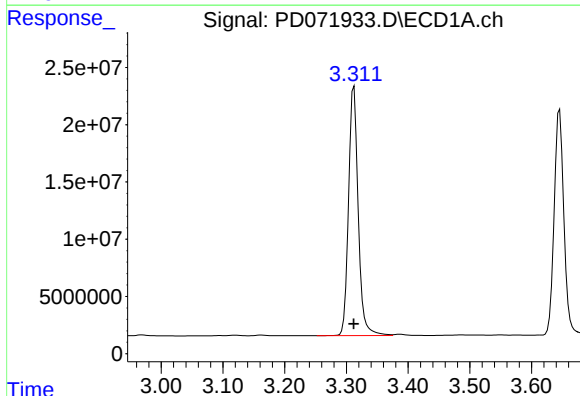
Reviewed By :Abdul Mirza 09/19/2022

Supervised By :Ankita Jodhani 09/19/2022



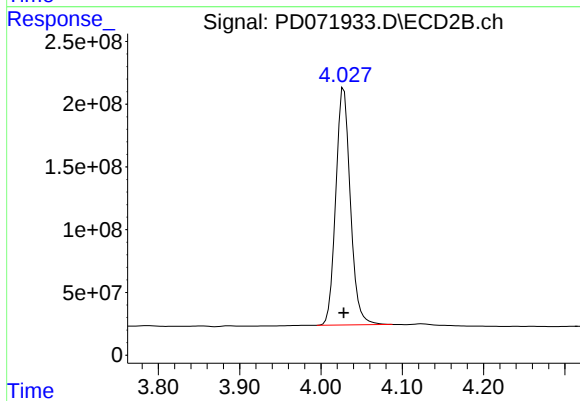
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 614021108
Conc: 21.40 ng/ml



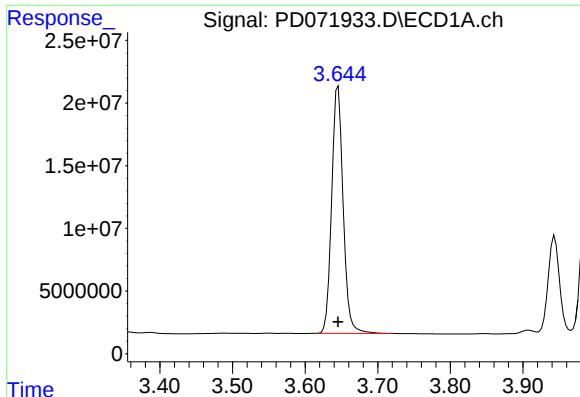
#2 alpha-BHC

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 237441703
Conc: 61.61 ng/ml



#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 2350738190
Conc: 58.58 ng/ml m



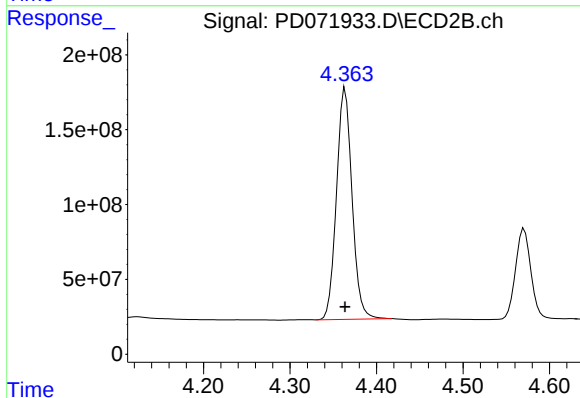
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 217351912
Conc: 61.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

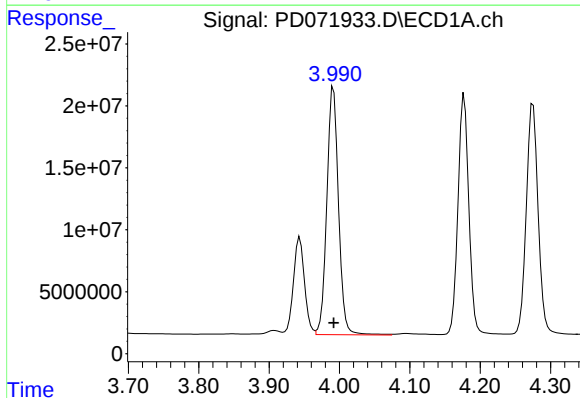
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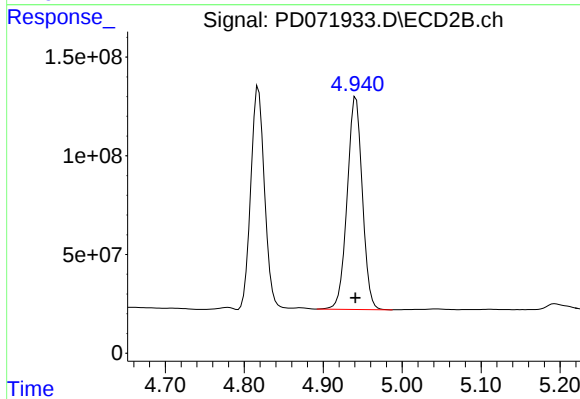
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1918196151
Conc: 58.42 ng/ml



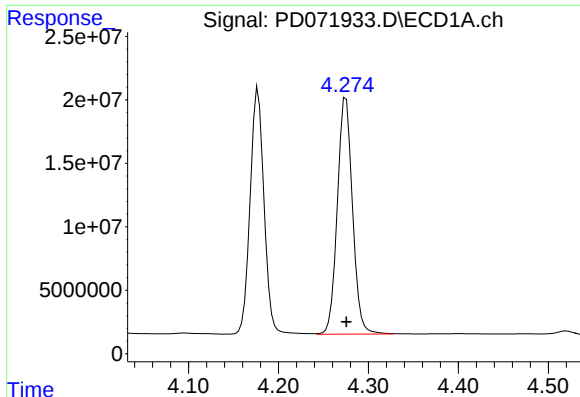
#4 Heptachlor

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 231172408
Conc: 61.83 ng/ml



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1437473612
Conc: 59.49 ng/ml



#5 Aldrin

R.T.: 4.274 min
Delta R.T.: -0.002 min
Response: 218954695
Conc: 59.79 ng/ml

Instrument :

ECD_D

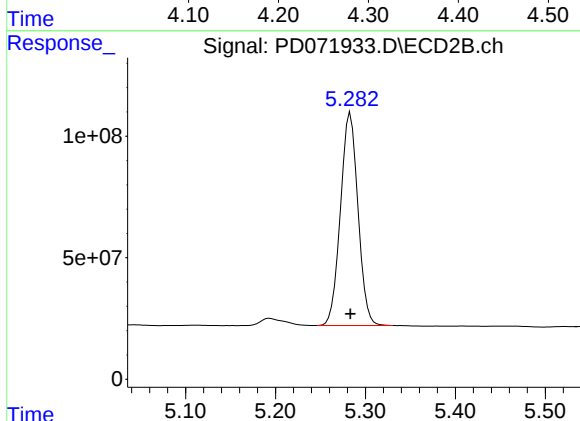
ClientSampleId :

PB147681BSD

Manual Integrations

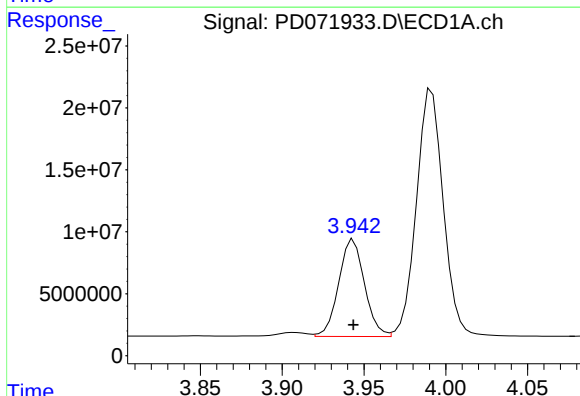
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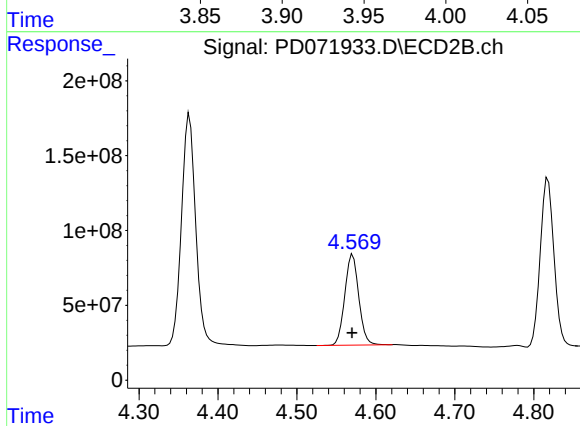
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 1184803092
Conc: 58.45 ng/ml



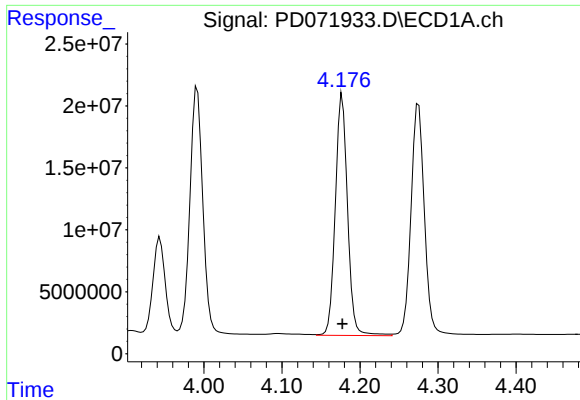
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 86139168
Conc: 56.85 ng/ml



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 743485208
Conc: 56.25 ng/ml



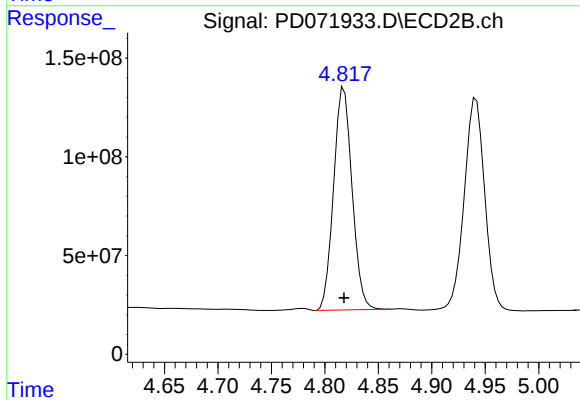
#7 delta-BHC

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 212178389
Conc: 60.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

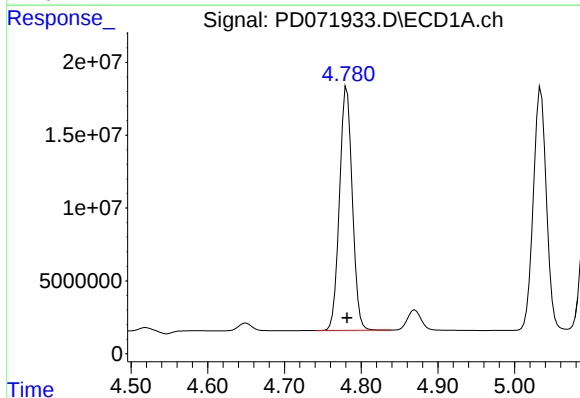
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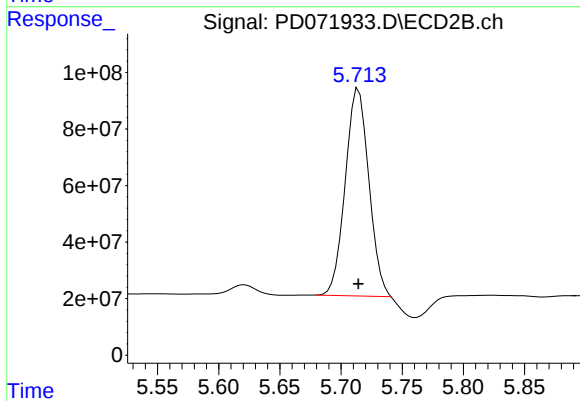
#7 delta-BHC

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 1356675359
Conc: 58.04 ng/ml



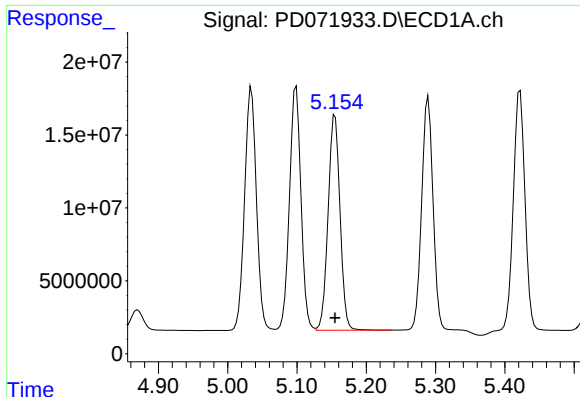
#8 Heptachlor epoxide

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 193864537
Conc: 59.29 ng/ml



#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: -0.001 min
Response: 985913770
Conc: 63.94 ng/ml m



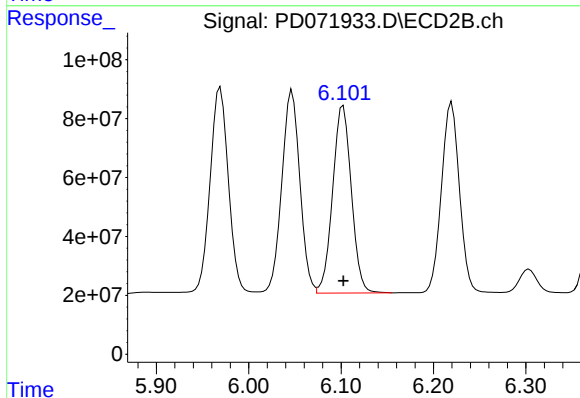
#9 Endosulfan I

R.T.: 5.155 min
Delta R.T.: 0.000 min
Response: 176782721
Conc: 55.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

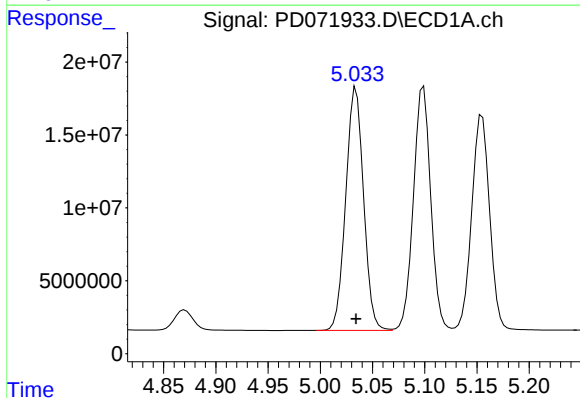
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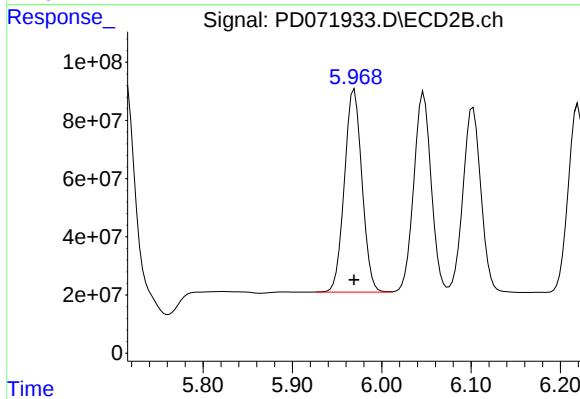
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 893916876
Conc: 60.64 ng/ml m



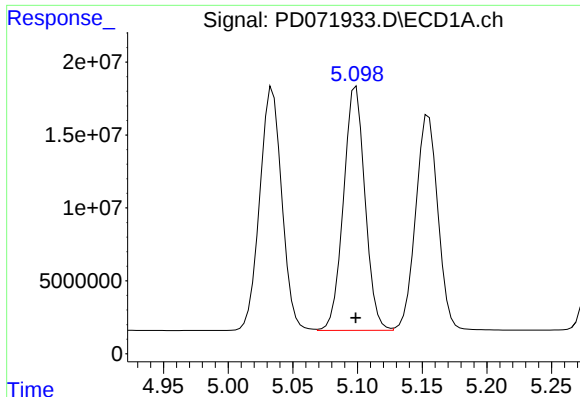
#10 gamma-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 197643931
Conc: 58.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: -0.001 min
Response: 952004486
Conc: 59.25 ng/ml m



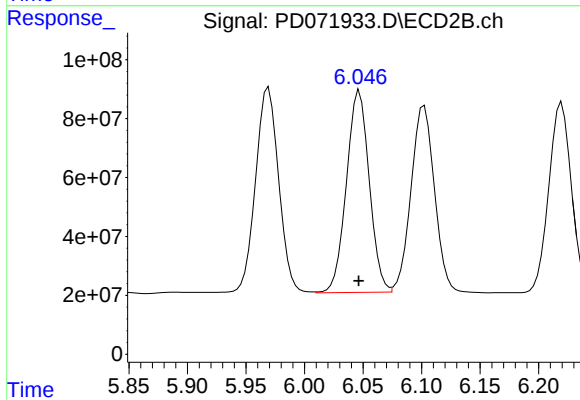
#11 alpha-Chlordane

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 193060508
Conc: 58.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

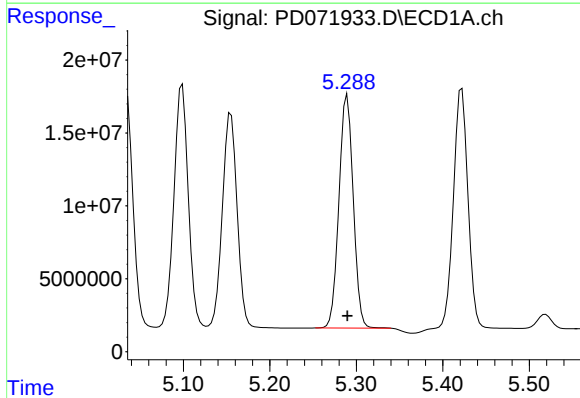
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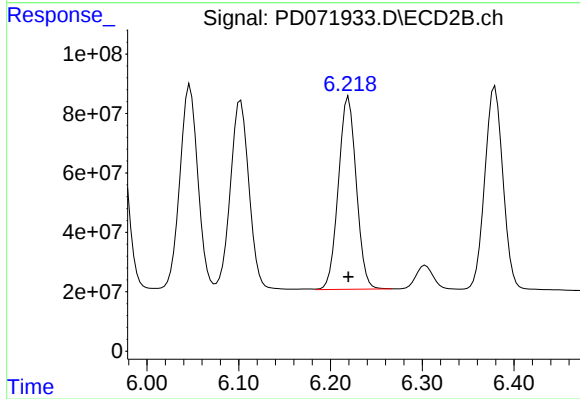
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 930820628
Conc: 59.66 ng/ml m



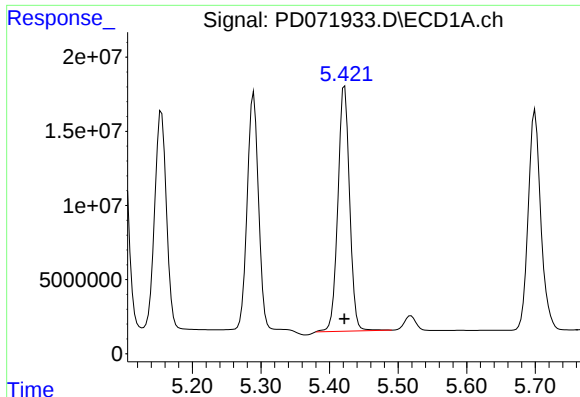
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 182355586
Conc: 59.60 ng/ml



#12 4,4'-DDE

R.T.: 6.218 min
Delta R.T.: -0.001 min
Response: 878211169
Conc: 59.62 ng/ml m



#13 Dieldrin

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 196427754
Conc: 58.73 ng/ml

Instrument :

ECD_D

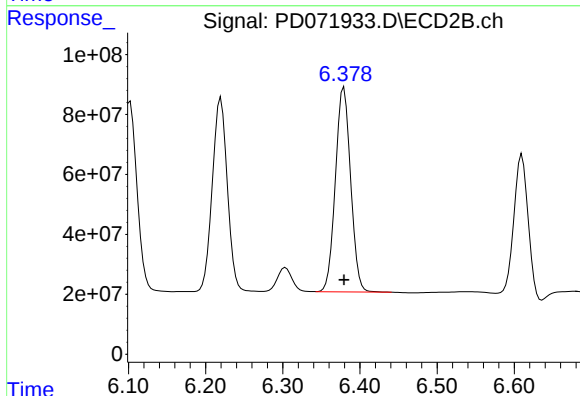
ClientSampleId :

PB147681BSD

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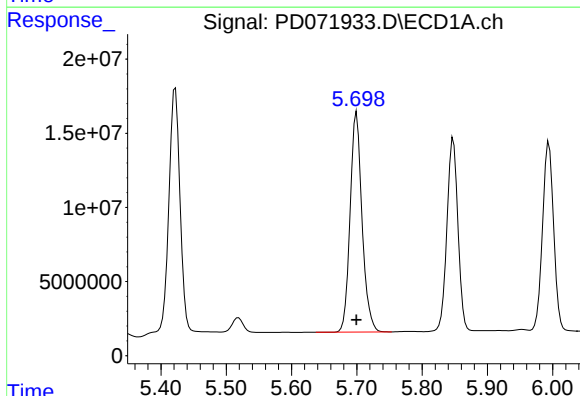
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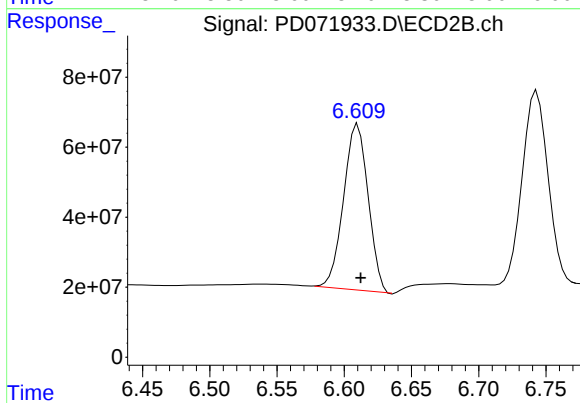
#13 Dieldrin

R.T.: 6.379 min
Delta R.T.: 0.000 min
Response: 938124443
Conc: 61.89 ng/ml



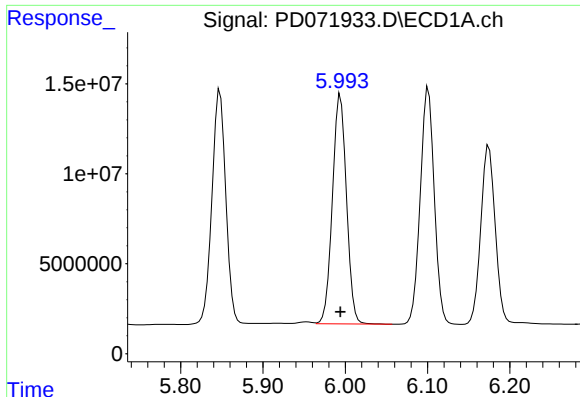
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 188434765
Conc: 63.60 ng/ml



#14 Endrin

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 601398293
Conc: 47.61 ng/ml m



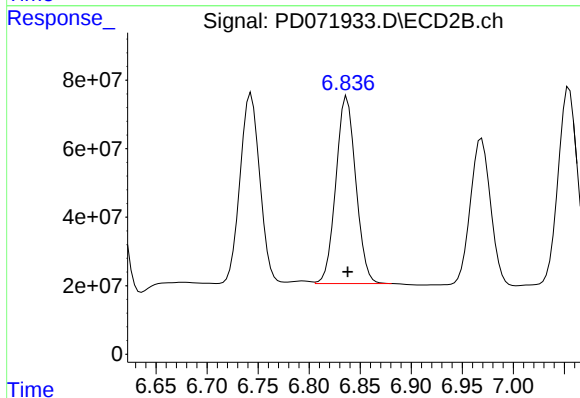
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 151303862
Conc: 54.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

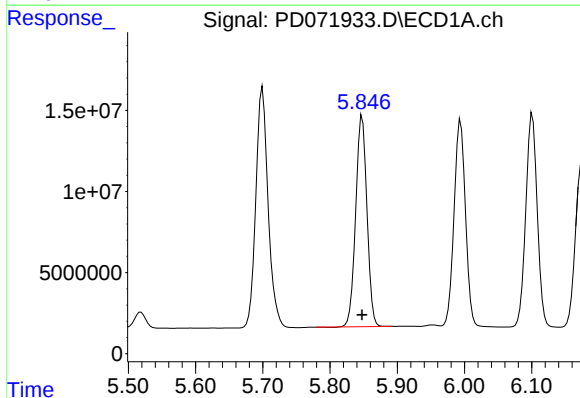
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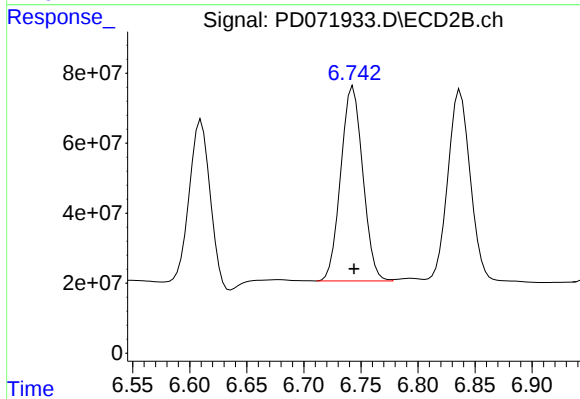
#15 Endosulfan II

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 741827797
Conc: 59.91 ng/ml



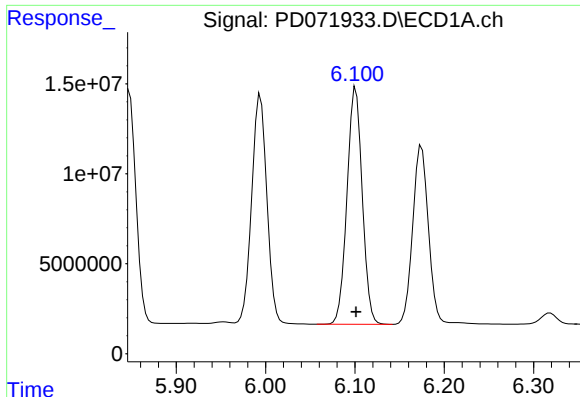
#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 151381895
Conc: 59.70 ng/ml



#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 746849336
Conc: 62.84 ng/ml



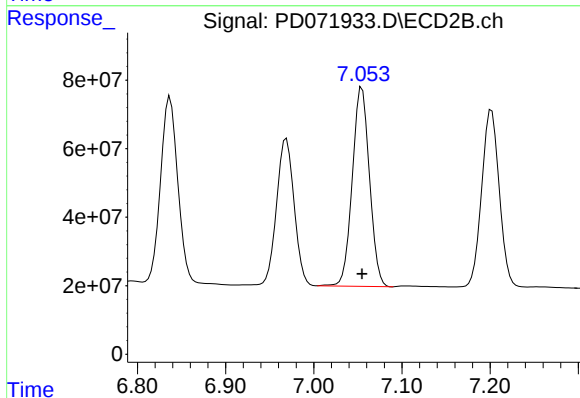
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 156150807
Conc: 59.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

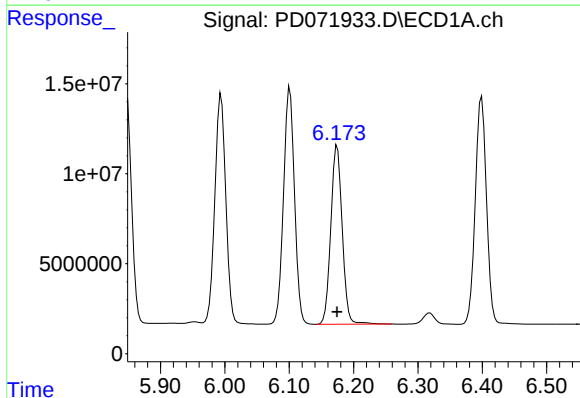
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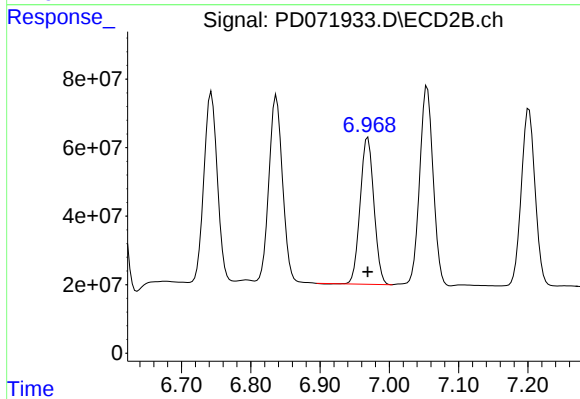
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 787936563
Conc: 63.78 ng/ml



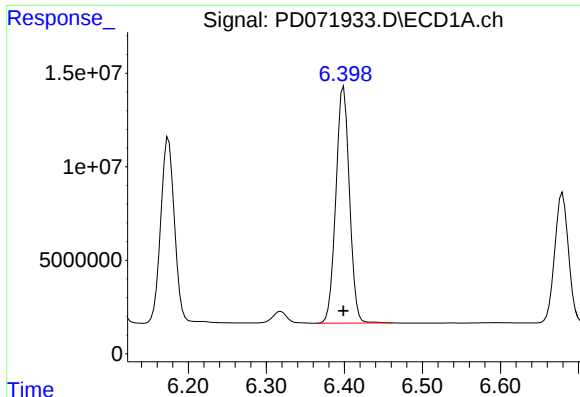
#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 122265174
Conc: 55.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 590487293
Conc: 61.16 ng/ml



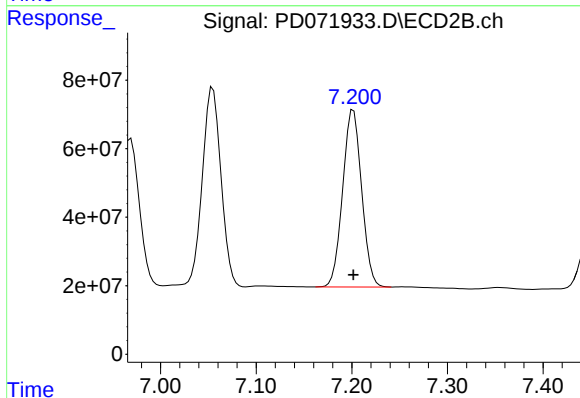
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 152818851
Conc: 56.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

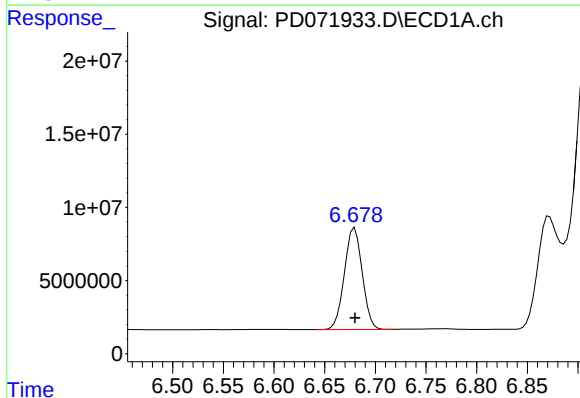
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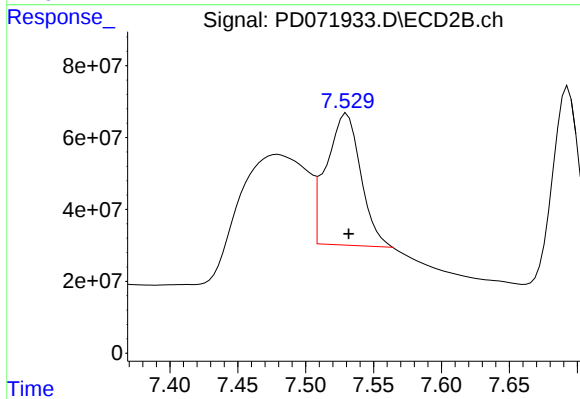
#19 Endosulfan Sulfate

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 714815491
Conc: 64.10 ng/ml



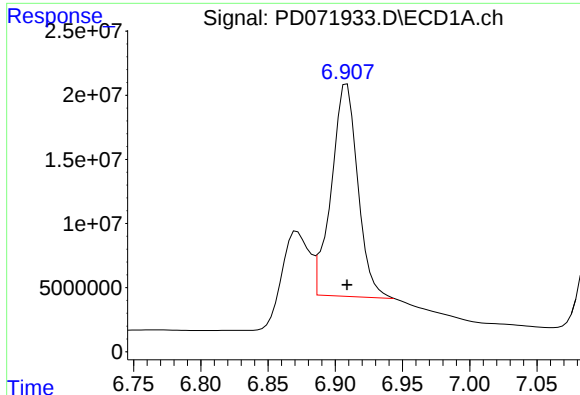
#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 85166355
Conc: 56.88 ng/ml



#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: -0.003 min
Response: 630483315
Conc: 103.71 ng/ml m



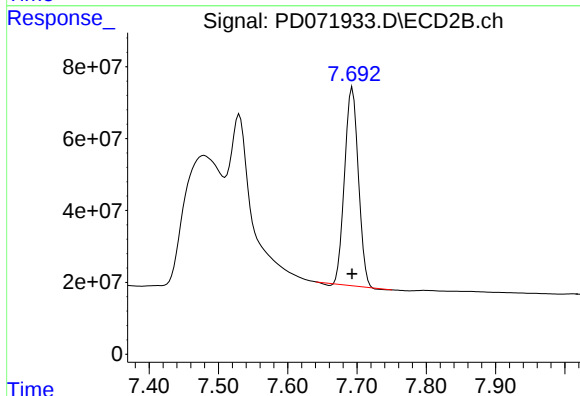
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 222946909
Conc: 74.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

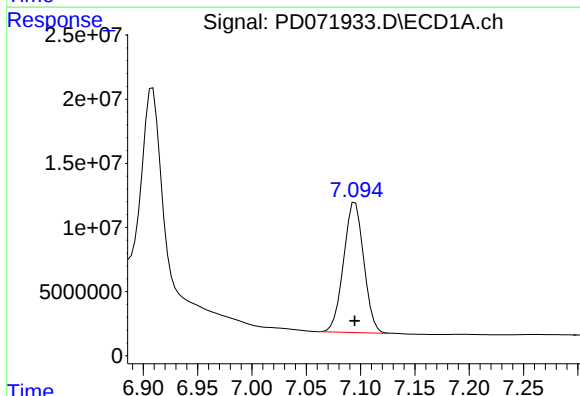
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/19/2022
Supervised By :Ankita Jodhani 09/19/2022



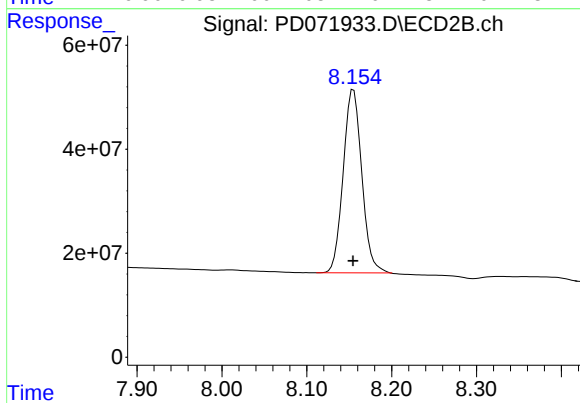
#21 Endrin ketone

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 756574666
Conc: 60.83 ng/ml



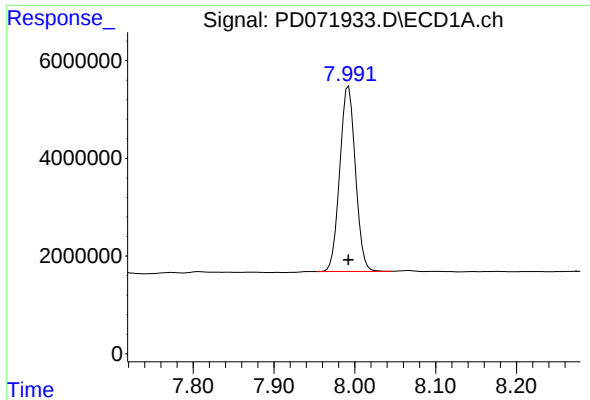
#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 131317694
Conc: 55.72 ng/ml m



#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 535881148
Conc: 61.88 ng/ml



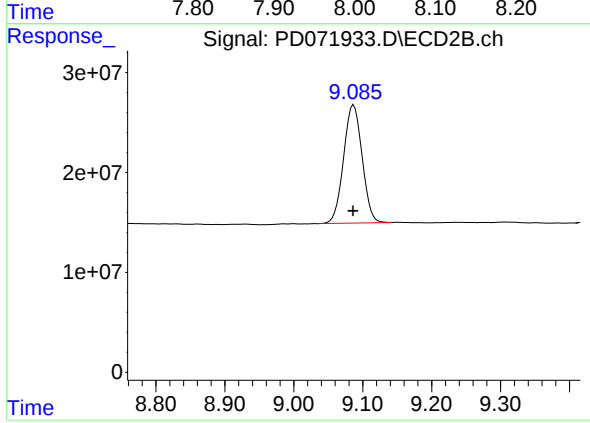
#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 51001550
Conc: 20.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB147681BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 221371400
Conc: 23.81 ng/ml