

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091522\
 Data File : PD071899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2022 16:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/15/2022
 Supervised By : Ankita Jodhani 09/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 00:39:31 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...	2.811	3.565	130.0E6	1583.8E6	53.157	55.193
28)	SA Decachlor...	7.999	9.092	108.4E6	450.0E6	43.022	48.400
Target Compounds							
2)	A alpha-BHC	3.320	4.031	211.5E6	2212.6E6	54.874	55.136
3)	MA gamma-BHC...	3.654	4.367	192.9E6	1794.7E6	54.938	54.662
4)	MA Heptachlor	3.999	4.944	197.9E6	1277.5E6	52.931	52.872
5)	MB Aldrin	4.282	5.287	191.5E6	1094.8E6	52.304m	54.003
6)	B beta-BHC	3.952	4.573	80713398	709.8E6	53.273	53.703
7)	B delta-BHC	4.185	4.822	196.9E6	1392.7E6	55.870	59.580
8)	B Heptachlo...	4.789	5.717	170.2E6	891.0E6	52.059	57.786m
9)	A Endosulfan I	5.163	6.105	152.2E6	770.8E6	47.880	52.288m
10)	B gamma-Chl...	5.042	5.972	176.1E6	862.7E6	52.243	53.691m
11)	B alpha-Chl...	5.107	6.051	171.6E6	866.0E6	51.708	55.506
12)	B 4,4'-DDE	5.297	6.223	159.8E6	776.2E6	52.217	52.693
13)	MA Dieldrin	5.430	6.383	172.8E6	816.8E6	51.658	53.891
14)	MA Endrin	5.707	6.615	143.8E6	595.6E6	48.531	47.153
15)	B Endosulfa...	6.002	6.842	130.3E6	618.7E6	47.320	49.969
16)	A 4,4'-DDD	5.855	6.748	137.9E6	656.5E6	54.371	55.233
17)	MA 4,4'-DDT	6.108	7.059	116.2E6	558.3E6	44.133	45.193
18)	B Endrin al...	6.182	6.973	102.5E6	487.8E6	46.337	50.518
19)	B Endosulfa...	6.406	7.206	122.9E6	571.7E6	45.807	51.263
20)	A Methoxychlor	6.687	7.535	61806927	280.5E6	41.278	46.139
21)	B Endrin ke...	6.916	7.698	152.0E6	630.6E6	50.657	50.700
22)	Mirex	7.102	8.160	114.8E6	405.3E6	48.726	46.795

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

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Data File : PD071899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Sep 2022 16:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

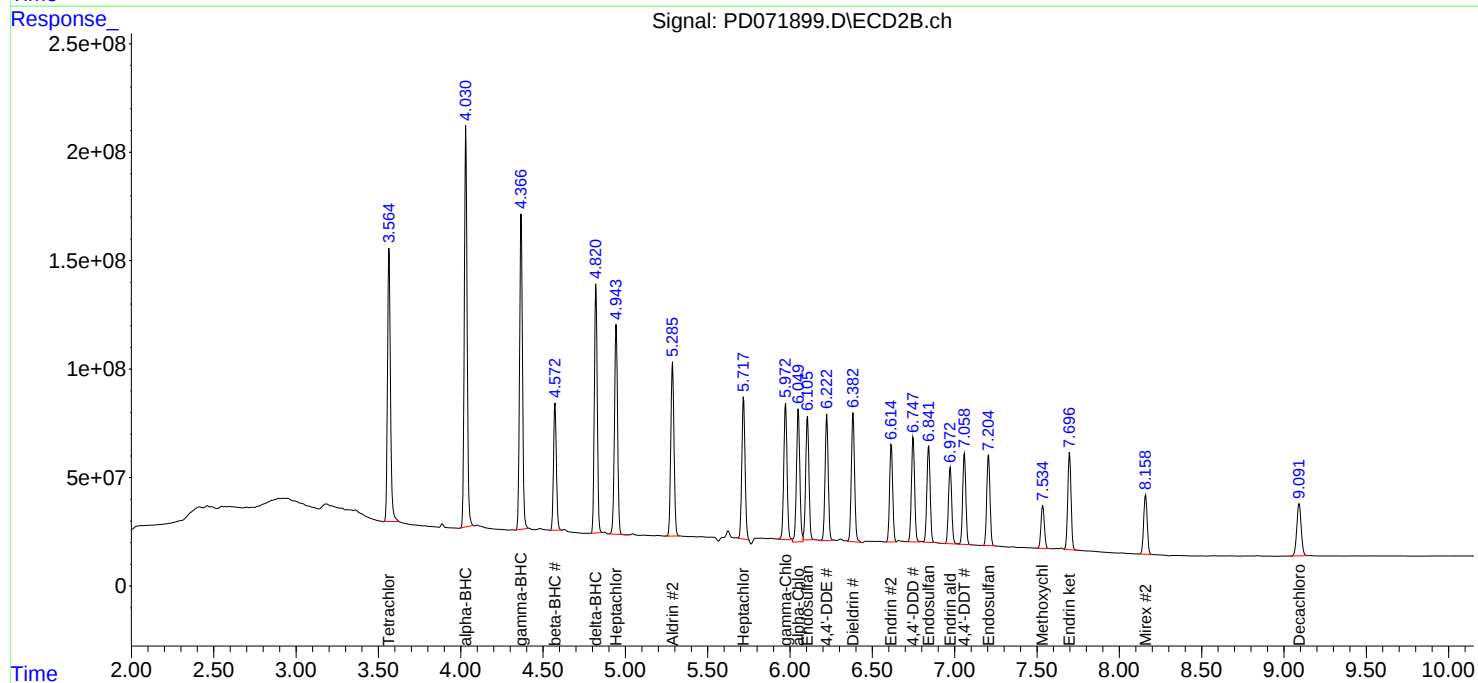
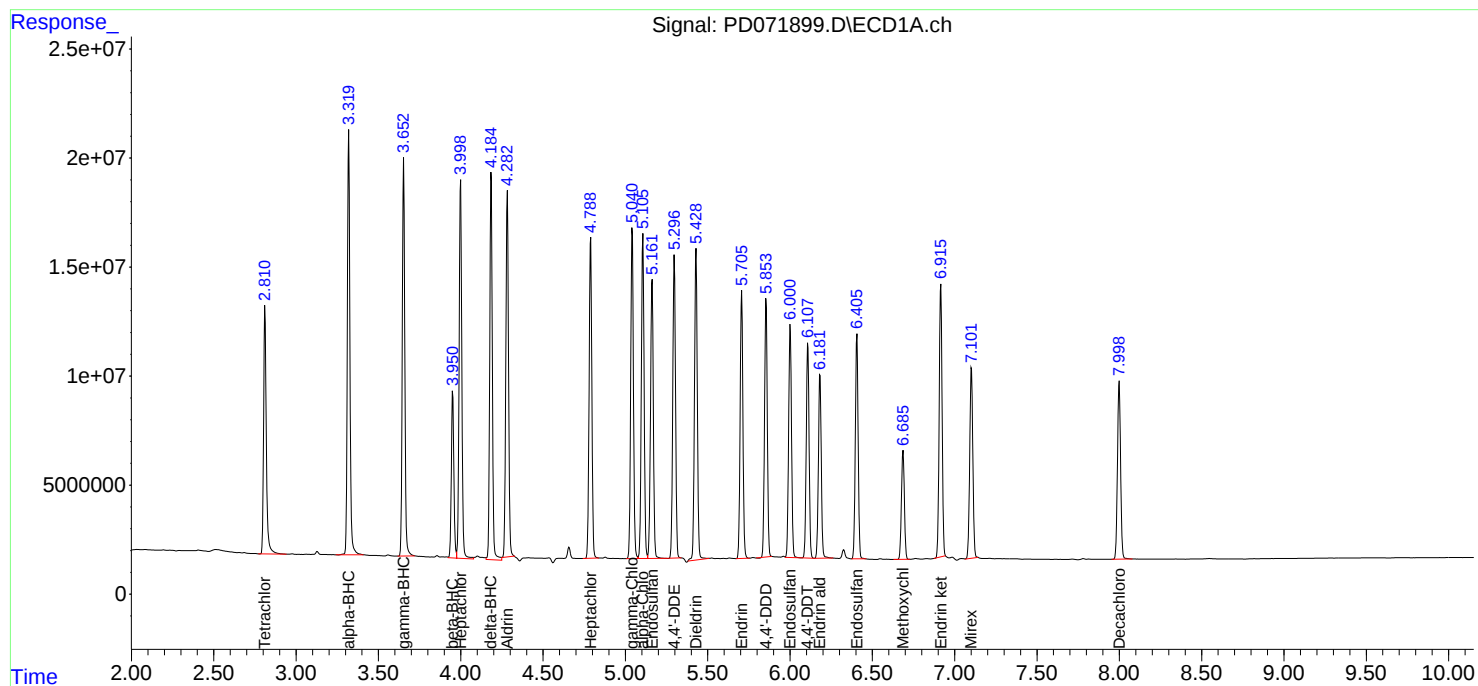
Manual Integrations

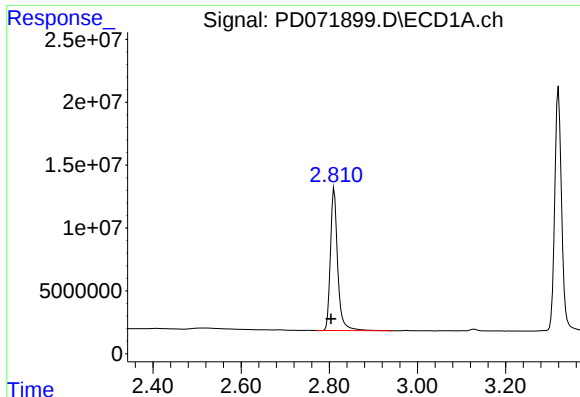
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Supervised By :Ankita Jodhani 09/15/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 00:39:31 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





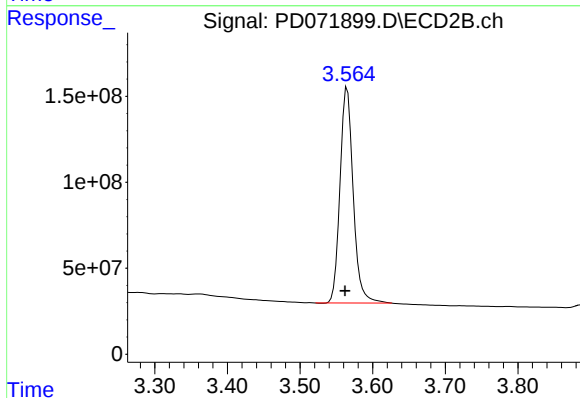
#1 Tetrachloro-m-xylene

R.T.: 2.811 min
Delta R.T.: 0.007 min
Response: 129982896
Conc: 53.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

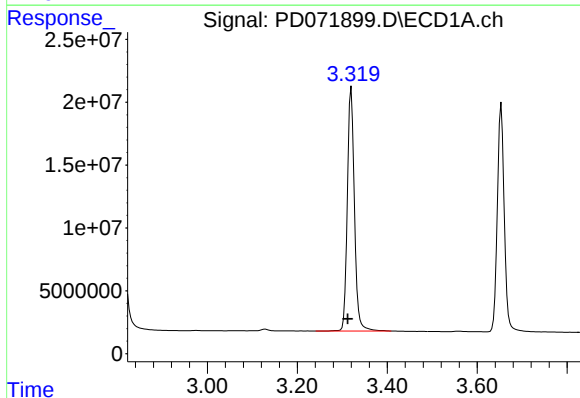
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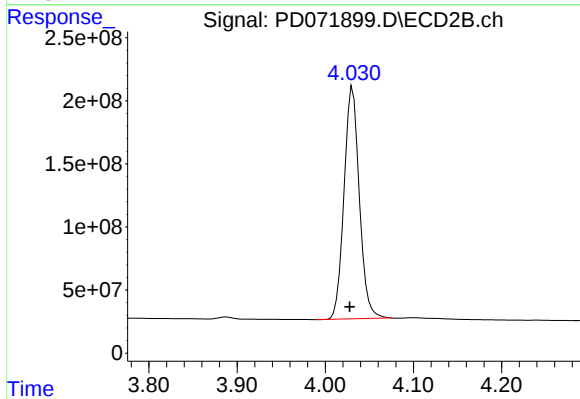
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.003 min
Response: 1583794268
Conc: 55.19 ng/ml



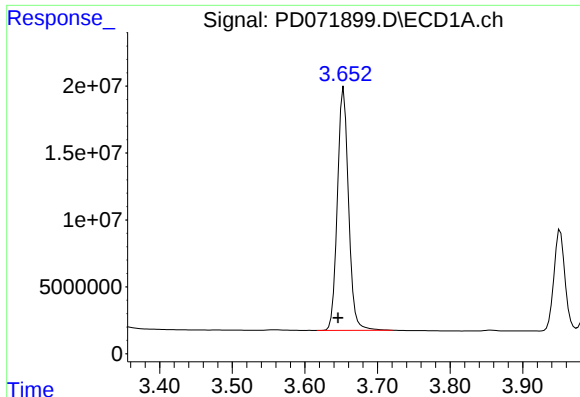
#2 alpha-BHC

R.T.: 3.320 min
Delta R.T.: 0.008 min
Response: 211473193
Conc: 54.87 ng/ml



#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.003 min
Response: 2212571443
Conc: 55.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.654 min
Delta R.T.: 0.008 min
Response: 192894107
Conc: 54.94 ng/ml

Instrument :

ECD_D

ClientSampleId :

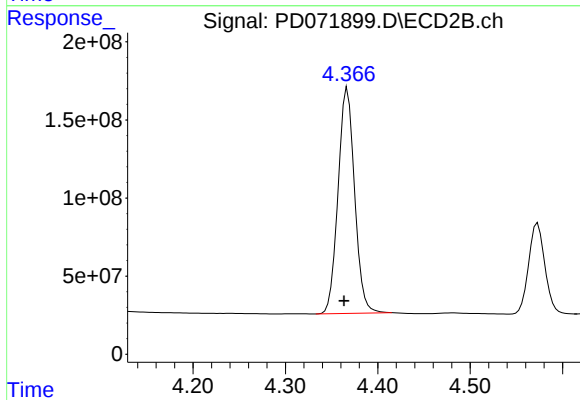
PSTDCCC050

Manual Integrations

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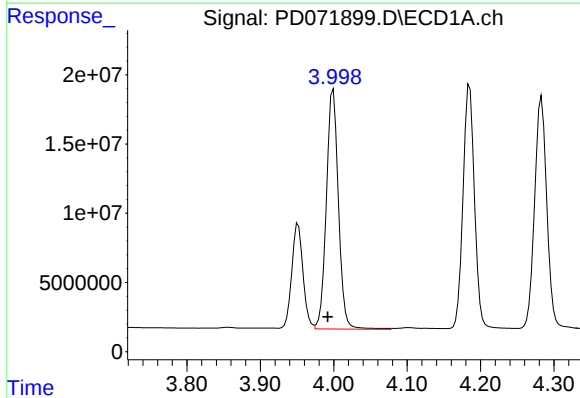
Reviewed By :Abdul Mirza 09/15/2022

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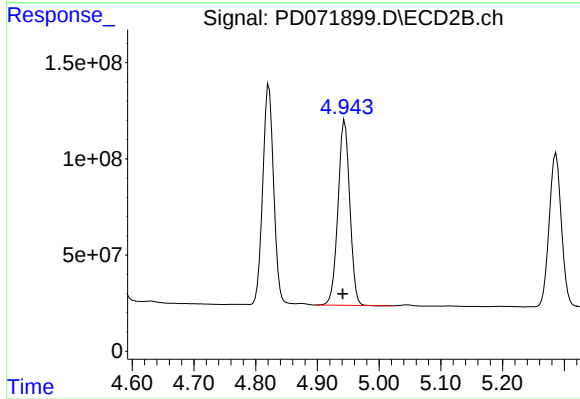
#3 gamma-BHC (Lindane)

R.T.: 4.367 min
Delta R.T.: 0.004 min
Response: 1794692086
Conc: 54.66 ng/ml



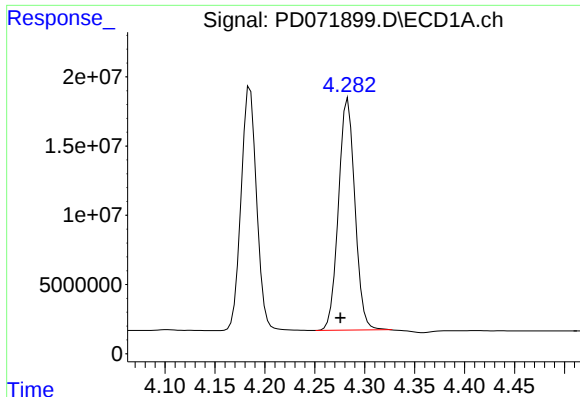
#4 Heptachlor

R.T.: 3.999 min
Delta R.T.: 0.008 min
Response: 197894921
Conc: 52.93 ng/ml



#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.003 min
Response: 1277512862
Conc: 52.87 ng/ml



#5 Aldrin

R.T.: 4.282 min
Delta R.T.: 0.006 min
Response: 191531039
Conc: 52.30 ng/ml

Instrument :

ECD_D

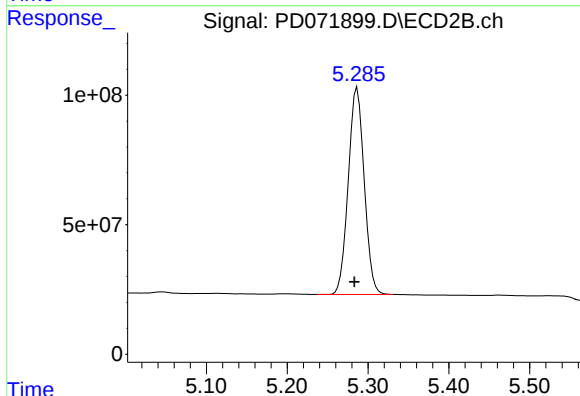
ClientSampleId :

PSTDCCC050

Manual Integrations

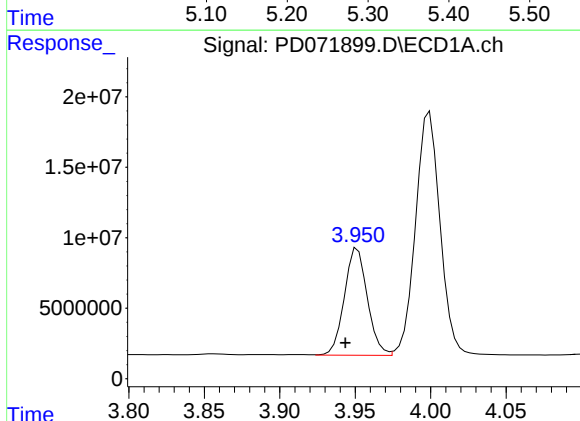
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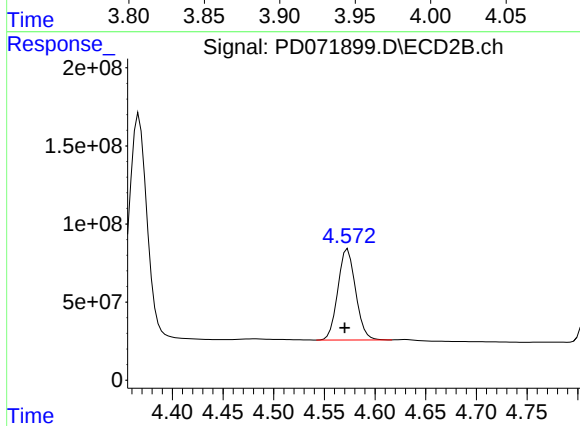
#5 Aldrin

R.T.: 5.287 min
Delta R.T.: 0.003 min
Response: 1094757230
Conc: 54.00 ng/ml



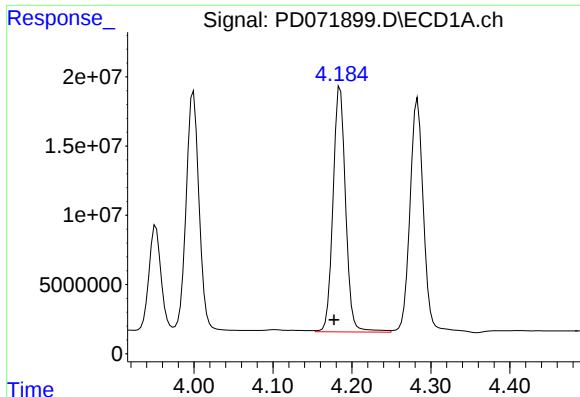
#6 beta-BHC

R.T.: 3.952 min
Delta R.T.: 0.008 min
Response: 80713398
Conc: 53.27 ng/ml



#6 beta-BHC

R.T.: 4.573 min
Delta R.T.: 0.003 min
Response: 709779208
Conc: 53.70 ng/ml



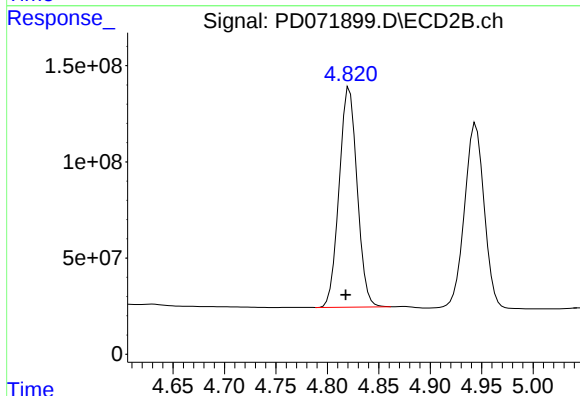
#7 delta-BHC

R.T.: 4.185 min
Delta R.T.: 0.008 min
Response: 196891918
Conc: 55.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

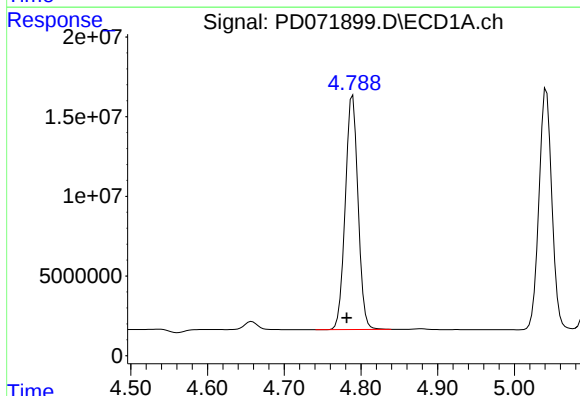
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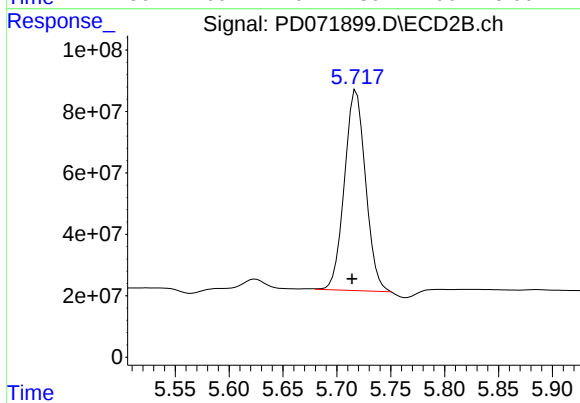
#7 delta-BHC

R.T.: 4.822 min
Delta R.T.: 0.004 min
Response: 1392663418
Conc: 59.58 ng/ml



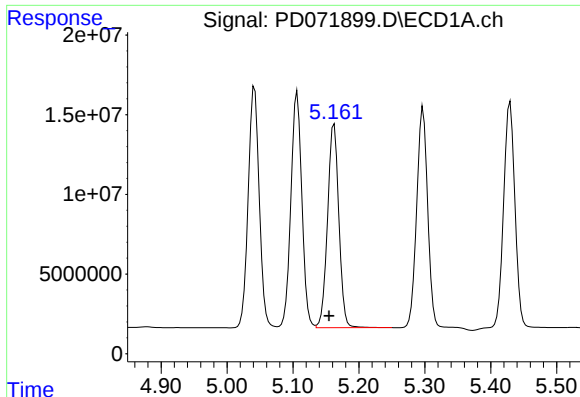
#8 Heptachlor epoxide

R.T.: 4.789 min
Delta R.T.: 0.008 min
Response: 170231766
Conc: 52.06 ng/ml



#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.002 min
Response: 891046707
Conc: 57.79 ng/ml m



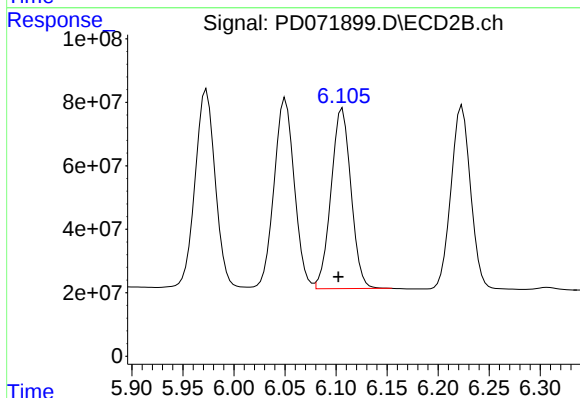
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.008 min
Response: 152172703
Conc: 47.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

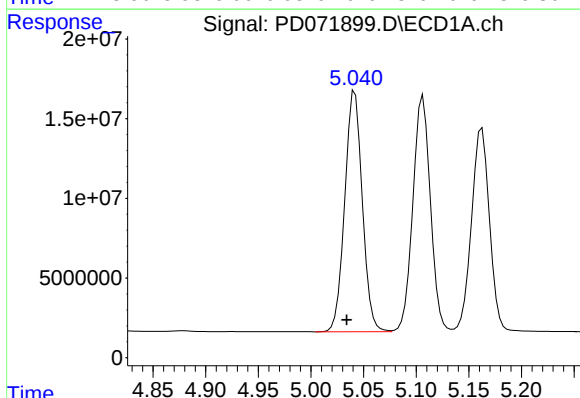
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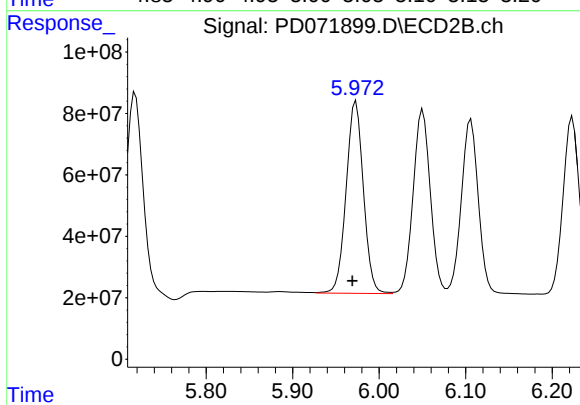
#9 Endosulfan I

R.T.: 6.105 min
Delta R.T.: 0.002 min
Response: 770837874
Conc: 52.29 ng/ml m



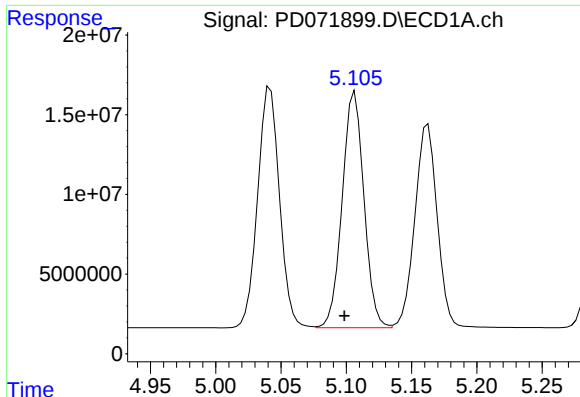
#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.008 min
Response: 176111727
Conc: 52.24 ng/ml



#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.003 min
Response: 862700777
Conc: 53.69 ng/ml m



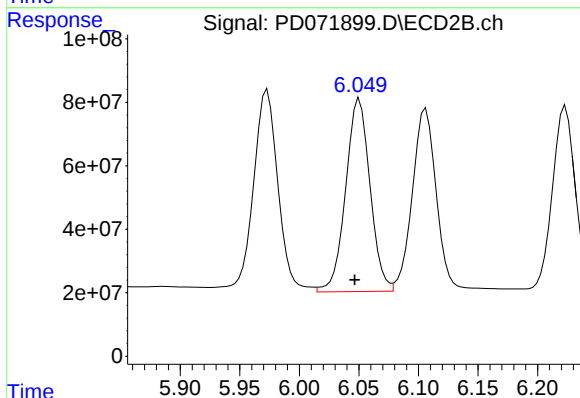
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.008 min
Response: 171603768
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

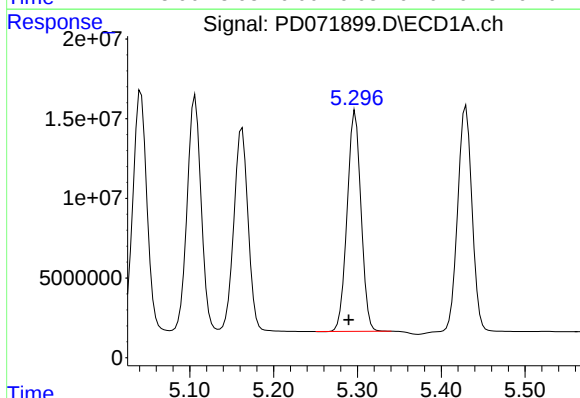
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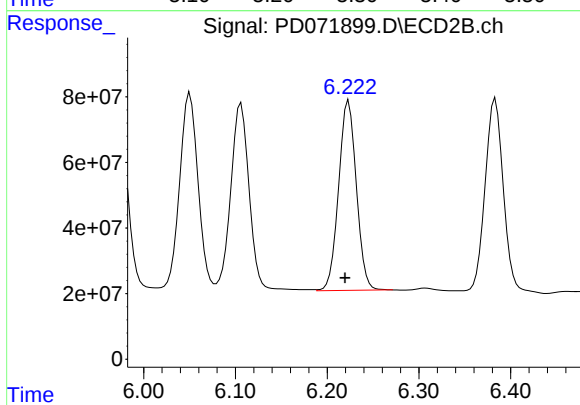
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.004 min
Response: 866038085
Conc: 55.51 ng/ml



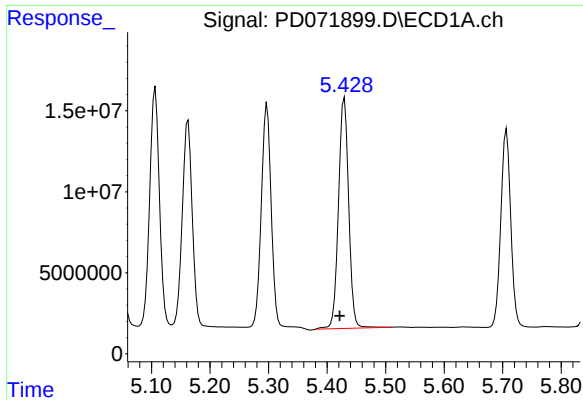
#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.008 min
Response: 159769196
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.004 min
Response: 776233300
Conc: 52.69 ng/ml



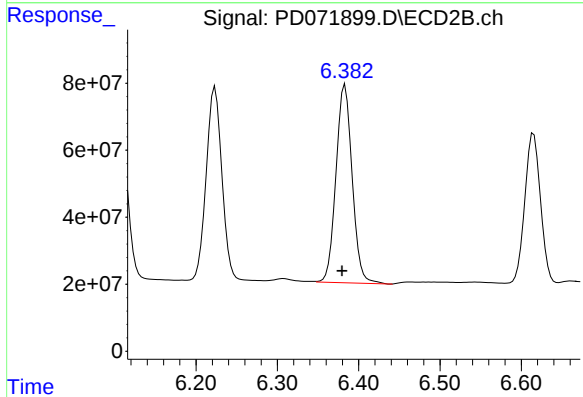
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: 0.008 min
Response: 172780233
Conc: 51.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

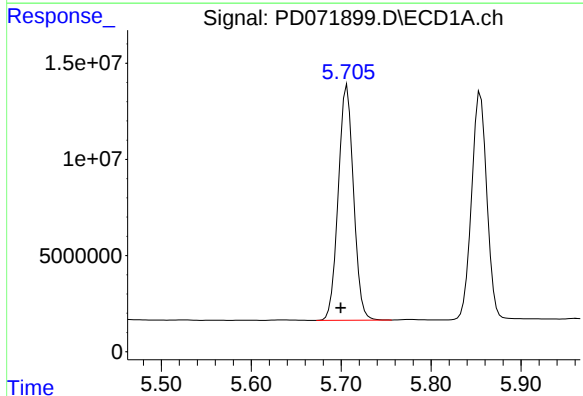
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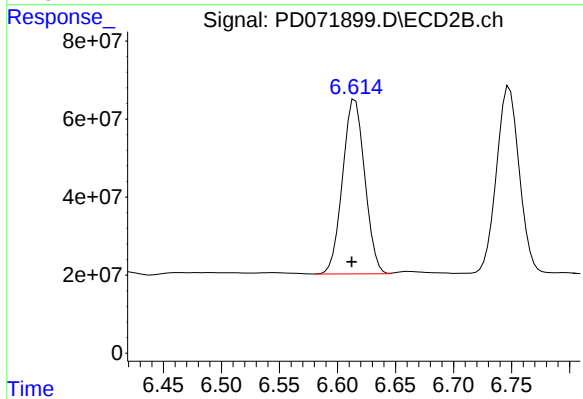
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.004 min
Response: 816833443
Conc: 53.89 ng/ml



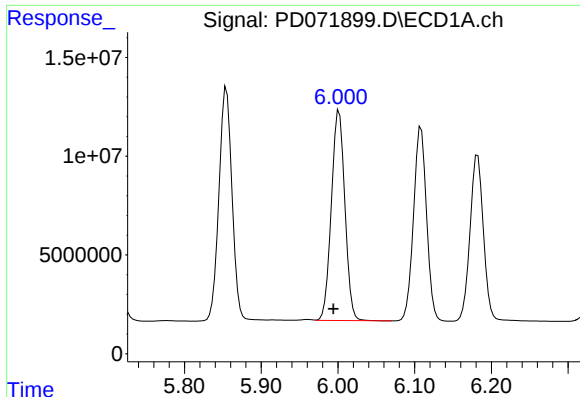
#14 Endrin

R.T.: 5.707 min
Delta R.T.: 0.007 min
Response: 143787629
Conc: 48.53 ng/ml



#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 595564181
Conc: 47.15 ng/ml



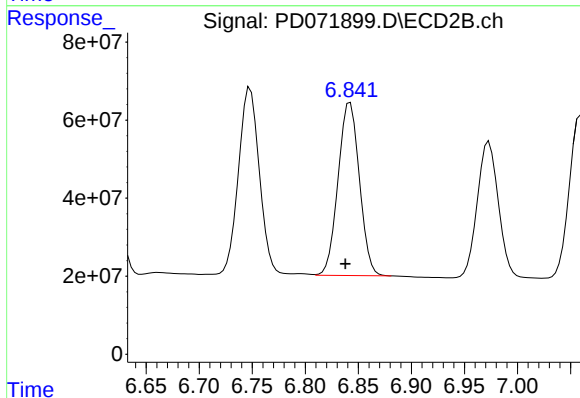
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.008 min
Response: 130347065
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

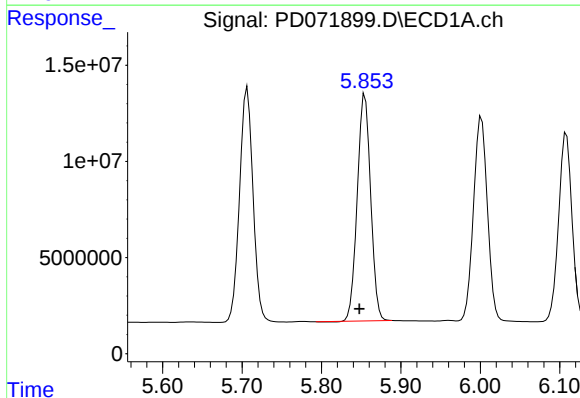
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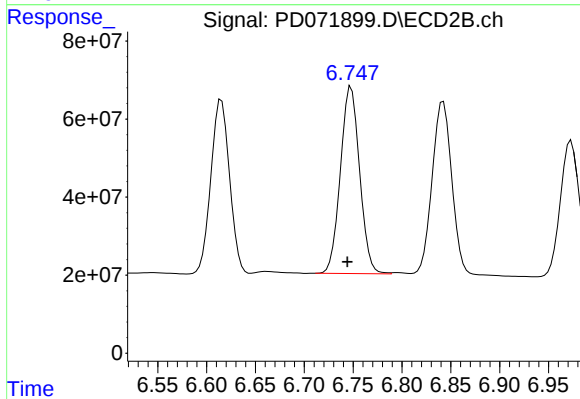
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: 0.005 min
Response: 618742517
Conc: 49.97 ng/ml



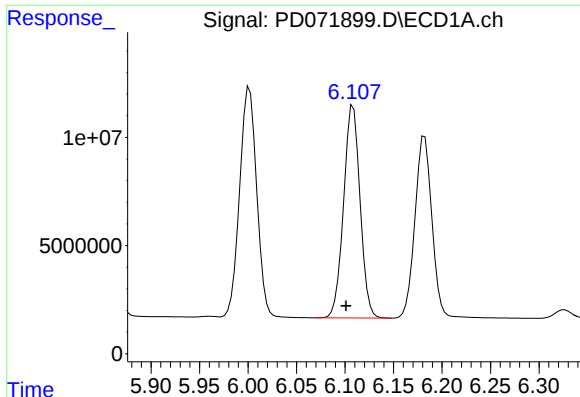
#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: 0.007 min
Response: 137861231
Conc: 54.37 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.004 min
Response: 656469552
Conc: 55.23 ng/ml



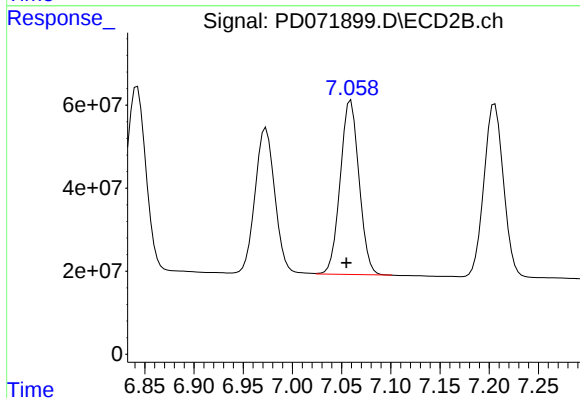
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.007 min
Response: 116157951
Conc: 44.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

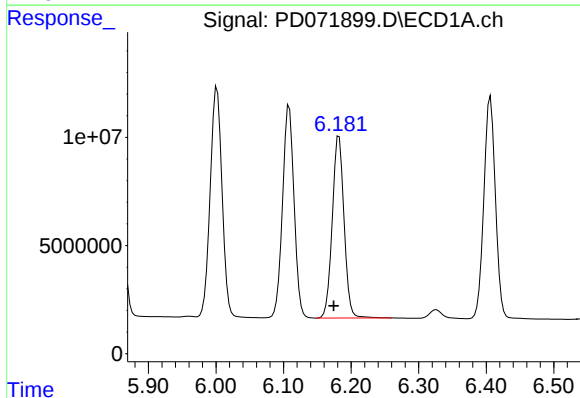
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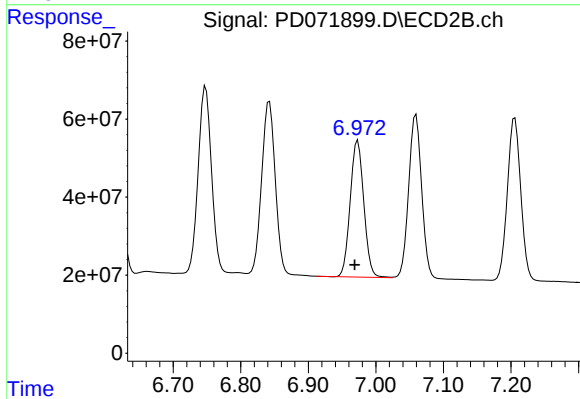
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.005 min
Response: 558302071
Conc: 45.19 ng/ml



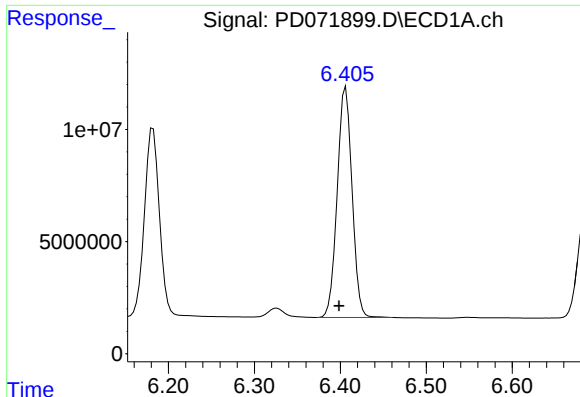
#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.008 min
Response: 102475187
Conc: 46.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.973 min
Delta R.T.: 0.004 min
Response: 487758397
Conc: 50.52 ng/ml



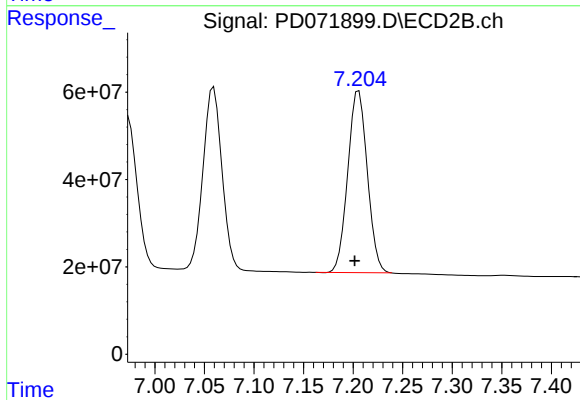
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.008 min
Response: 122850270
Conc: 45.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

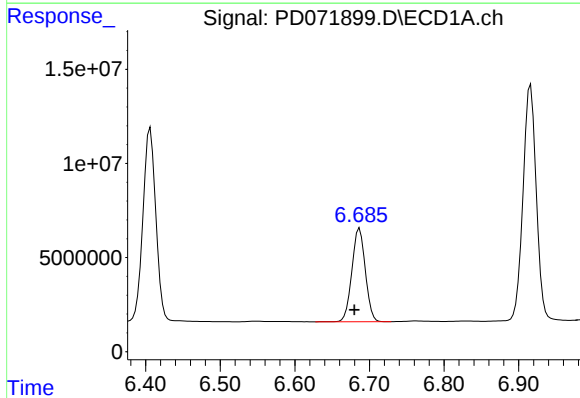
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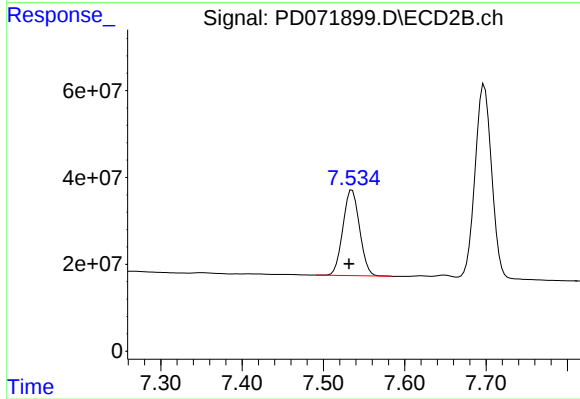
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.004 min
Response: 571701363
Conc: 51.26 ng/ml



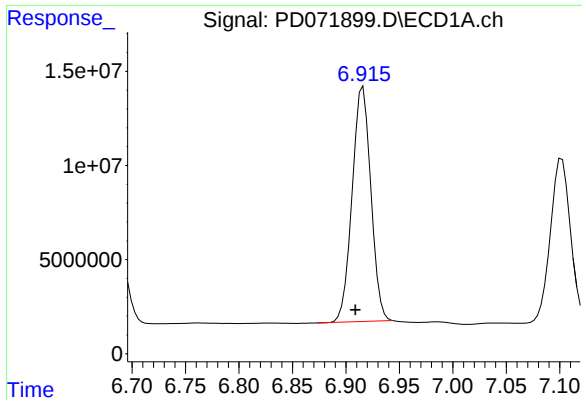
#20 Methoxychlor

R.T.: 6.687 min
Delta R.T.: 0.007 min
Response: 61806927
Conc: 41.28 ng/ml



#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.004 min
Response: 280482067
Conc: 46.14 ng/ml



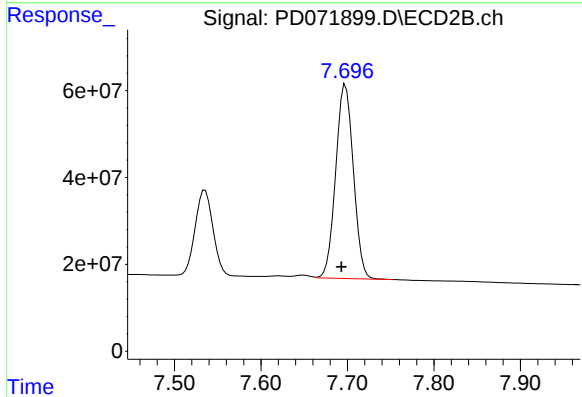
#21 Endrin ketone

R.T.: 6.916 min
Delta R.T.: 0.007 min
Response: 151999658
Conc: 50.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

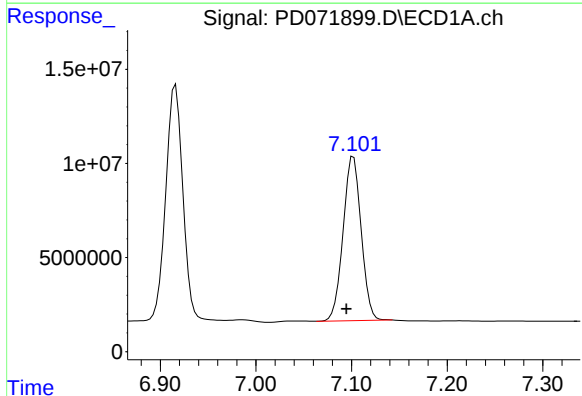
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2022
Supervised By :Ankita Jodhani 09/15/2022



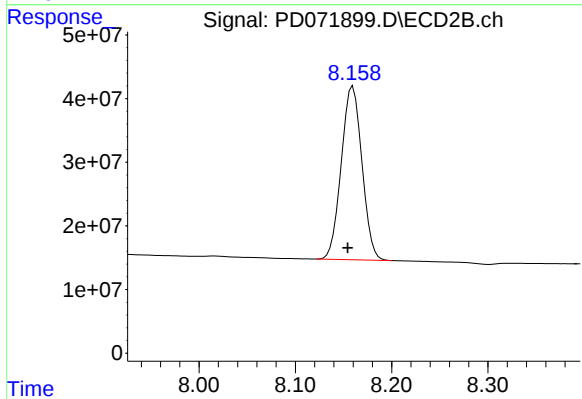
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.005 min
Response: 630564466
Conc: 50.70 ng/ml



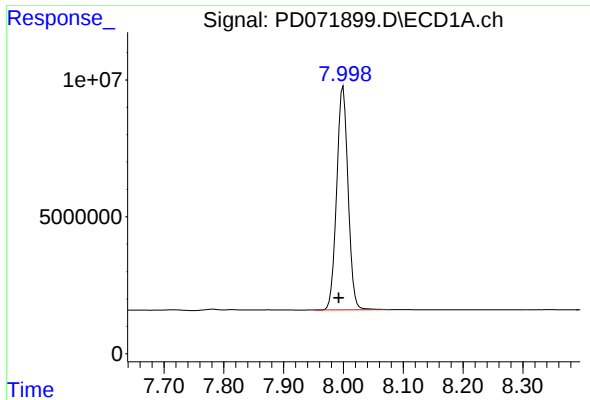
#22 Mirex

R.T.: 7.102 min
Delta R.T.: 0.007 min
Response: 114836961
Conc: 48.73 ng/ml



#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.005 min
Response: 405256472
Conc: 46.80 ng/ml



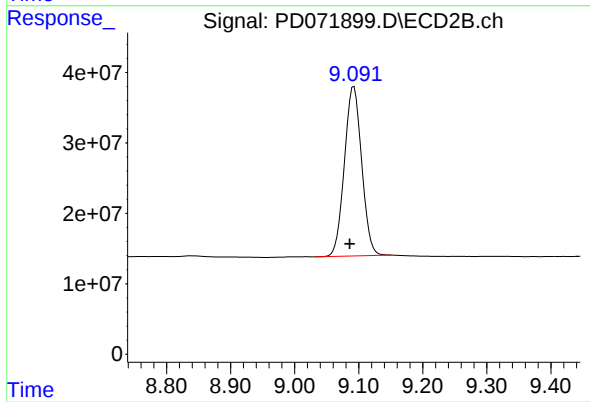
#28 Decachlorobiphenyl

R.T.: 7.999 min
Delta R.T.: 0.007 min
Response: 108384432
Conc: 43.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 09/15/2022



#28 Decachlorobiphenyl

R.T.: 9.092 min
Delta R.T.: 0.006 min
Response: 449980319
Conc: 48.40 ng/ml