

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091522\
 Data File : PD071894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Sep 2022 12:43
 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 00:36:41 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...	2.806	3.564	138.1E6	1617.8E6	56.485	56.379
28)	SA Decachlor...	7.996	9.089	103.5E6	456.8E6	41.100	49.133
Target Compounds							
2)	A alpha-BHC	3.314	4.030	219.6E6	2205.7E6	56.974	54.966
3)	MA gamma-BHC...	3.647	4.366	198.4E6	1789.5E6	56.510	54.504
4)	MA Heptachlor	3.994	4.943	211.0E6	1280.0E6	56.448	52.976
5)	MB Aldrin	4.276	5.285	202.1E6	1074.4E6	55.190m	52.999
6)	B beta-BHC	3.946	4.572	84515248	702.3E6	55.782	53.140
7)	B delta-BHC	4.178	4.820	201.2E6	1367.5E6	57.106m	58.504
8)	B Heptachlo...	4.783	5.715	173.7E6	855.9E6	53.110	55.506m
9)	A Endosulfan I	5.157	6.103	151.6E6	758.4E6	47.698	51.447m
10)	B gamma-Chl...	5.036	5.970	175.5E6	821.5E6	52.050	51.129m
11)	B alpha-Chl...	5.101	6.049	170.8E6	845.5E6	51.453	54.188
12)	B 4,4'-DDE	5.292	6.221	160.5E6	771.7E6	52.454	52.387
13)	MA Dieldrin	5.425	6.381	169.7E6	795.4E6	50.748	52.477
14)	MA Endrin	5.702	6.613	139.8E6	559.5E6	47.179	44.296
15)	B Endosulfa...	5.997	6.840	128.8E6	610.5E6	46.757	49.302
16)	A 4,4'-DDD	5.850	6.746	131.0E6	629.7E6	51.654	52.980
17)	MA 4,4'-DDT	6.103	7.057	123.9E6	582.5E6	47.072	47.151
18)	B Endrin al...	6.177	6.971	101.3E6	489.0E6	45.800	50.651
19)	B Endosulfa...	6.402	7.203	124.8E6	561.5E6	46.534	50.345
20)	A Methoxychlor	6.682	7.533	64182794	291.5E6	42.864	47.957
21)	B Endrin ke...	6.911	7.696	143.3E6	620.5E6	47.762	49.891
22)	Mirex	7.097	8.157	103.5E6	395.0E6	43.897	45.615

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091522\
Data File : PD071894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Sep 2022 12:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

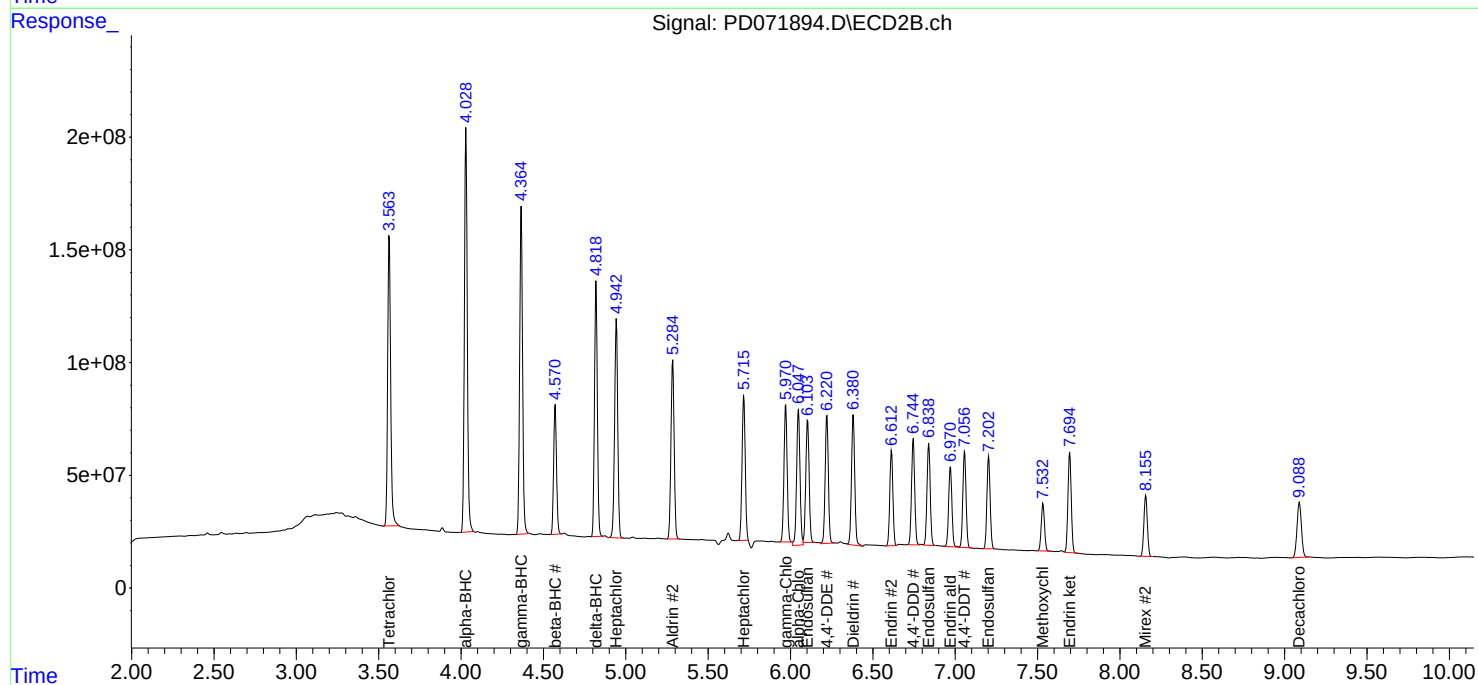
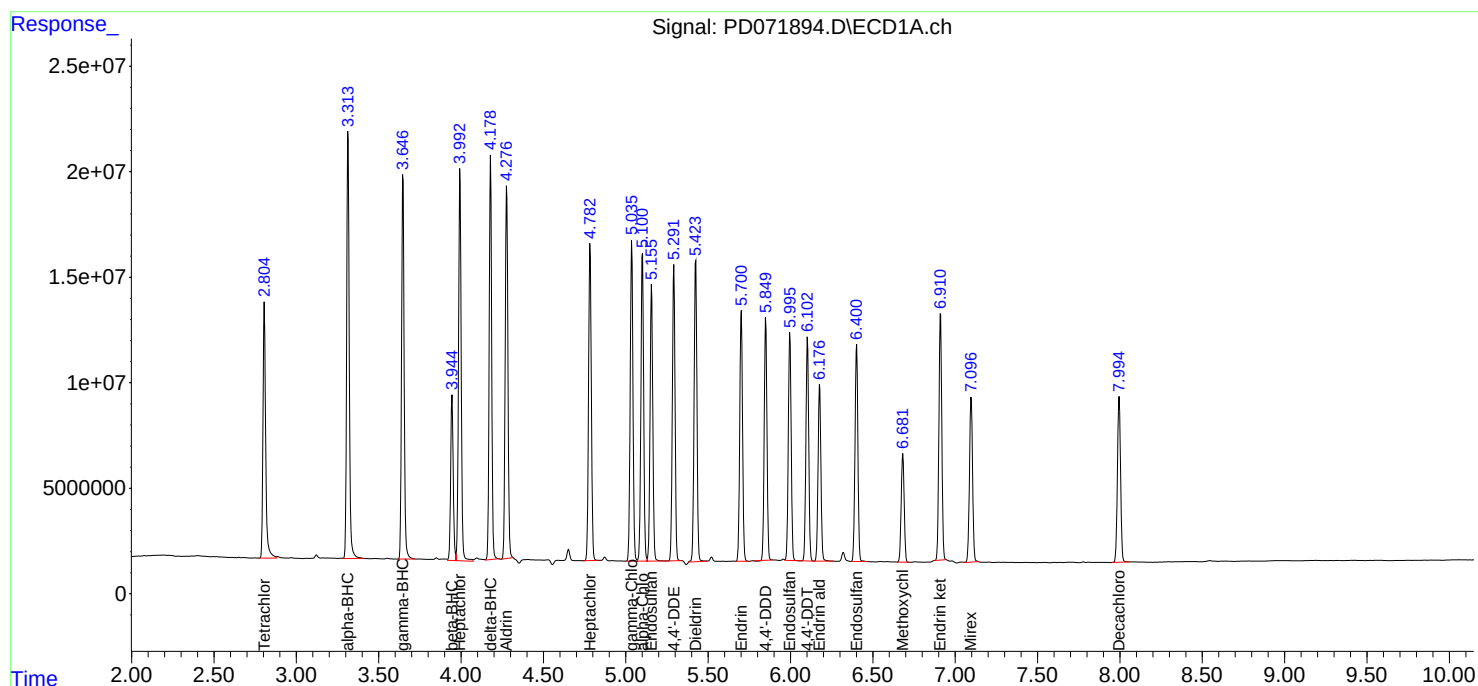
Manual Integrations

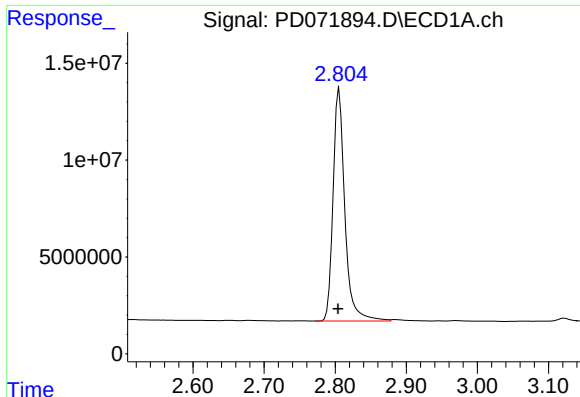
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Reviewed By :Abdul Mirza 09/15/2022
Supervised By :Ankita Jodhani 09/15/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 15 00:36:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
Quant Title : GC Extractables
QLast Update : Sat Sep 10 22:11:50 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.: 2.806 min
Delta R.T.: 0.002 min
Response: 138120728
Conc: 56.48 ng/ml

Instrument :

ECD_D

ClientSampleId :

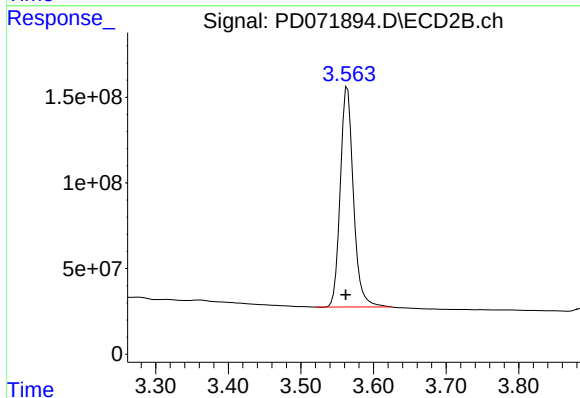
PSTDCCC050

Manual Integrations

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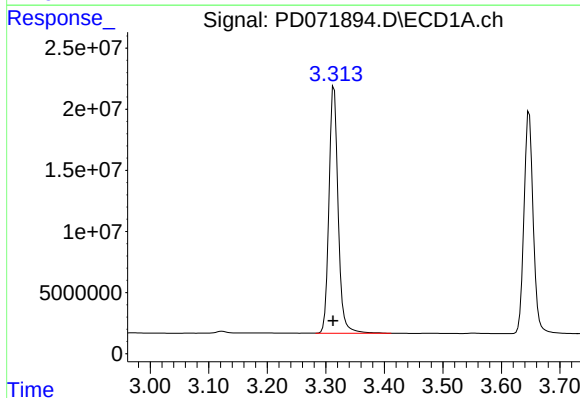
Reviewed By :Abdul Mirza 09/15/2022

Supervised By :Ankita Jodhani 09/15/2022



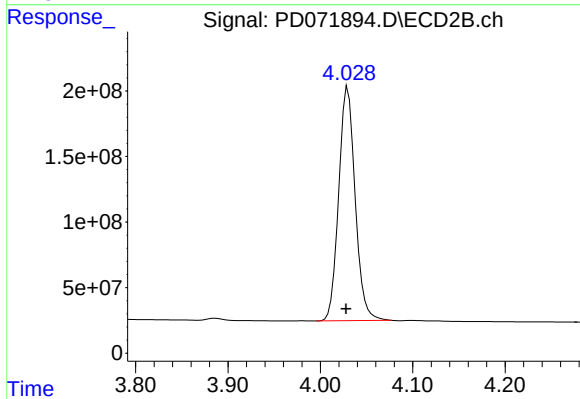
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.002 min
Response: 1617826460
Conc: 56.38 ng/ml



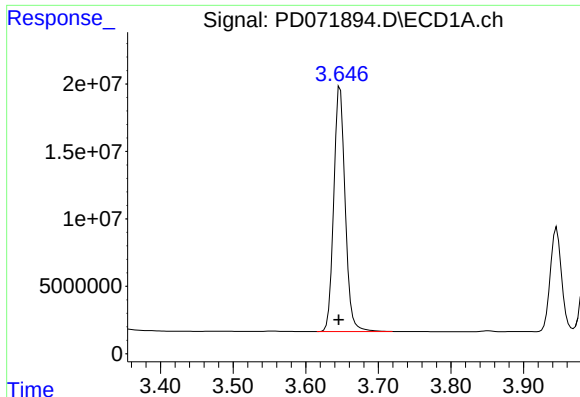
#2 alpha-BHC

R.T.: 3.314 min
Delta R.T.: 0.002 min
Response: 219567694
Conc: 56.97 ng/ml



#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.002 min
Response: 2205712976
Conc: 54.97 ng/ml



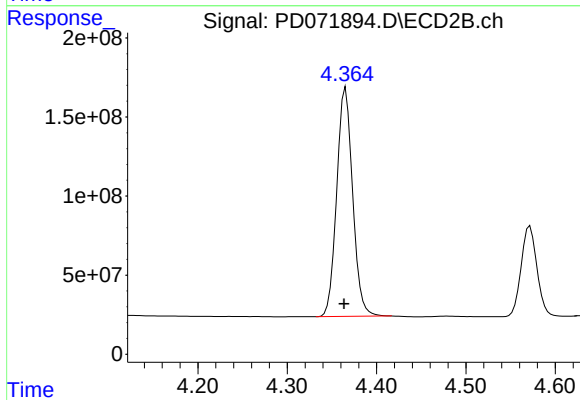
#3 gamma-BHC (Lindane)

R.T.: 3.647 min
Delta R.T.: 0.002 min
Response: 198414053
Conc: 56.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

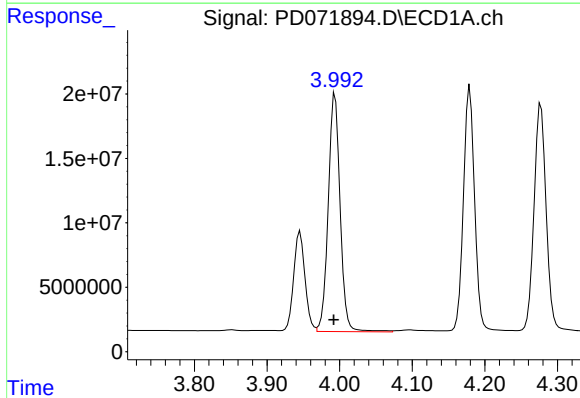
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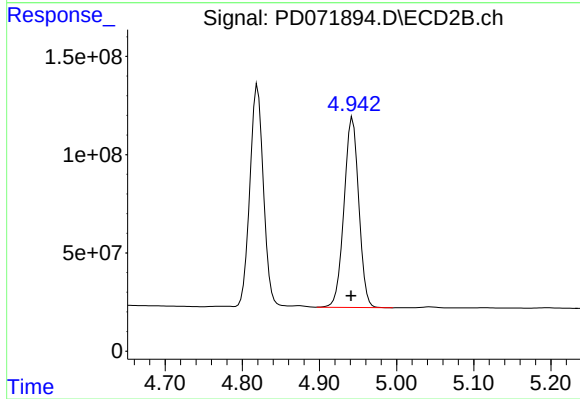
#3 gamma-BHC (Lindane)

R.T.: 4.366 min
Delta R.T.: 0.002 min
Response: 1789488172
Conc: 54.50 ng/ml



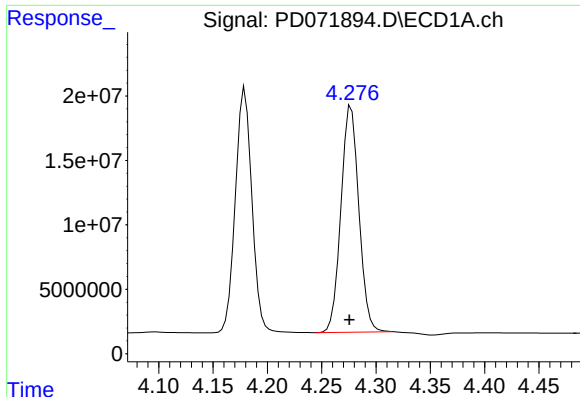
#4 Heptachlor

R.T.: 3.994 min
Delta R.T.: 0.002 min
Response: 211043134
Conc: 56.45 ng/ml



#4 Heptachlor

R.T.: 4.943 min
Delta R.T.: 0.002 min
Response: 1280020626
Conc: 52.98 ng/ml



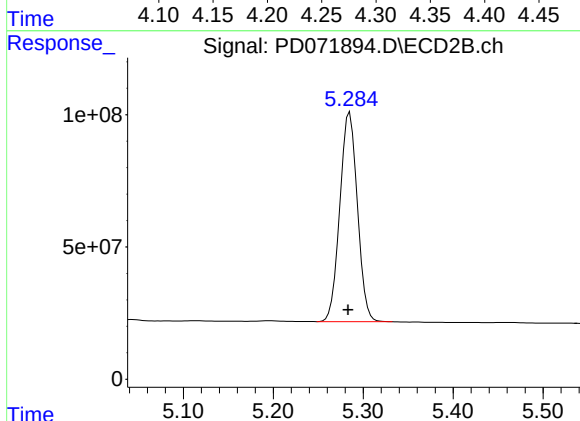
#5 Aldrin

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 202098564
Conc: 55.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

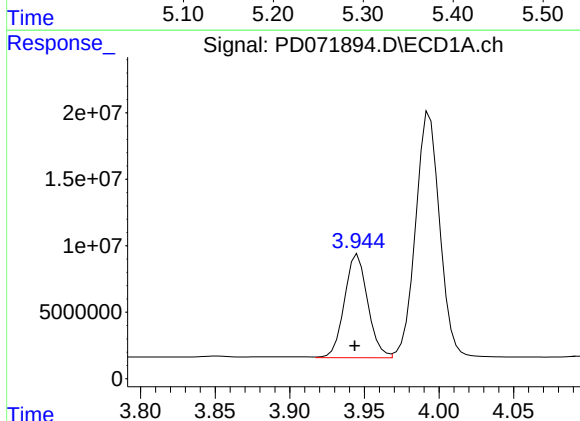
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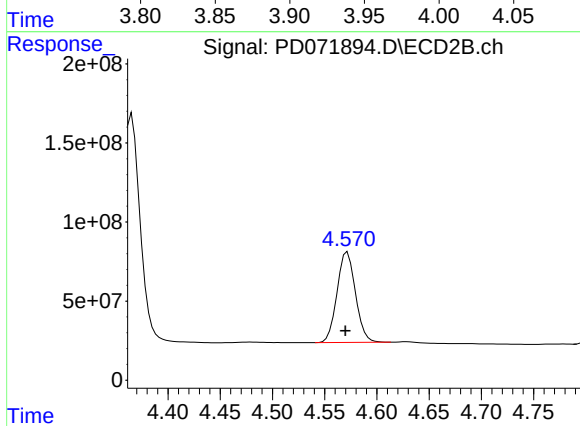
#5 Aldrin

R.T.: 5.285 min
Delta R.T.: 0.002 min
Response: 1074397937
Conc: 53.00 ng/ml



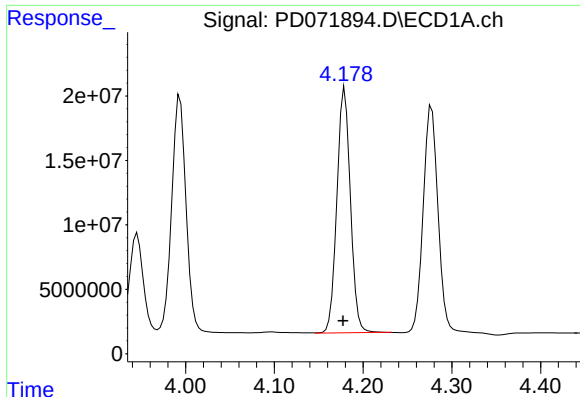
#6 beta-BHC

R.T.: 3.946 min
Delta R.T.: 0.002 min
Response: 84515248
Conc: 55.78 ng/ml



#6 beta-BHC

R.T.: 4.572 min
Delta R.T.: 0.002 min
Response: 702332753
Conc: 53.14 ng/ml



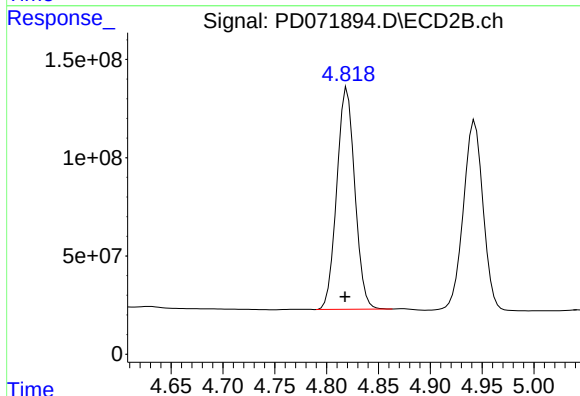
#7 delta-BHC

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 201248260
Conc: 57.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

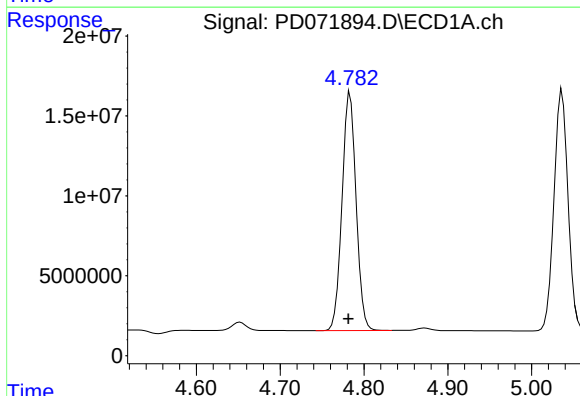
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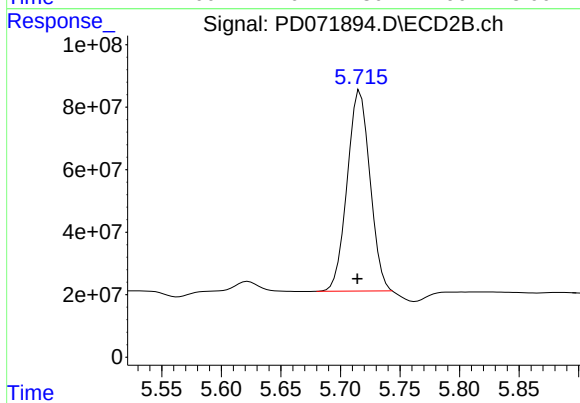
#7 delta-BHC

R.T.: 4.820 min
Delta R.T.: 0.002 min
Response: 1367501873
Conc: 58.50 ng/ml



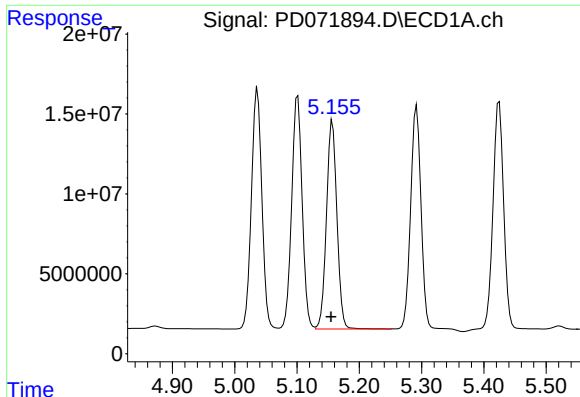
#8 Heptachlor epoxide

R.T.: 4.783 min
Delta R.T.: 0.002 min
Response: 173668161
Conc: 53.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 855897286
Conc: 55.51 ng/ml m



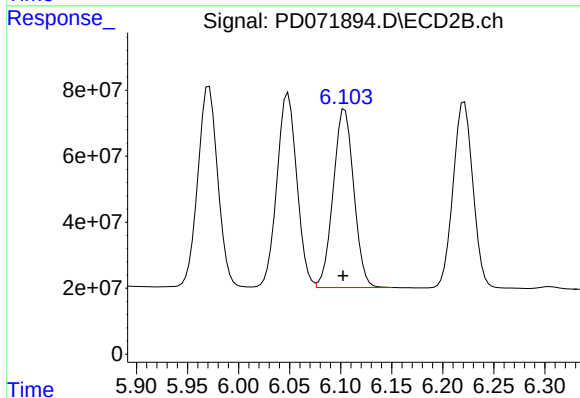
#9 Endosulfan I

R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 151593180
Conc: 47.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

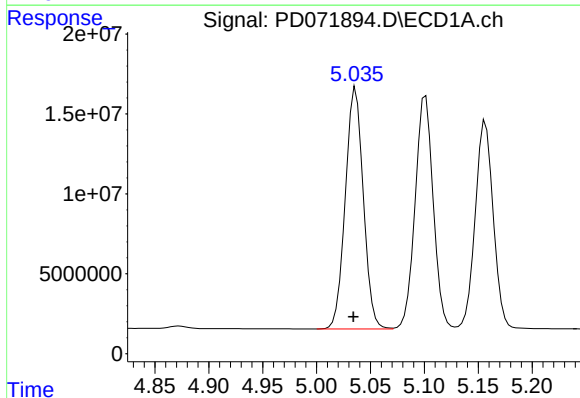
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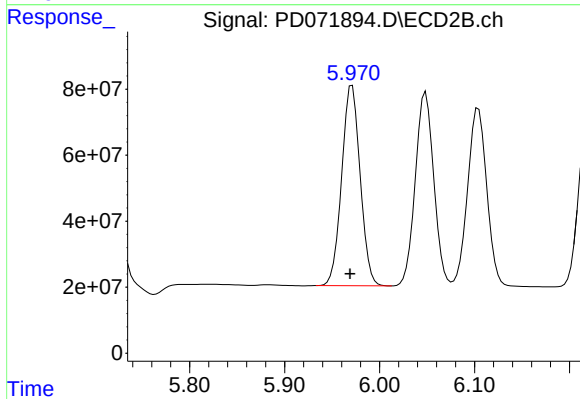
#9 Endosulfan I

R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 758430057
Conc: 51.45 ng/ml m



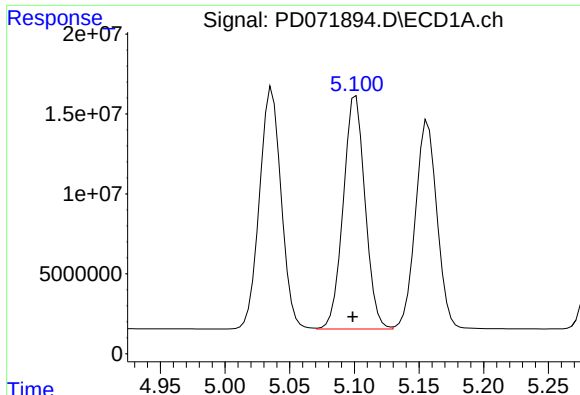
#10 gamma-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.002 min
Response: 175462648
Conc: 52.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 821527583
Conc: 51.13 ng/ml m



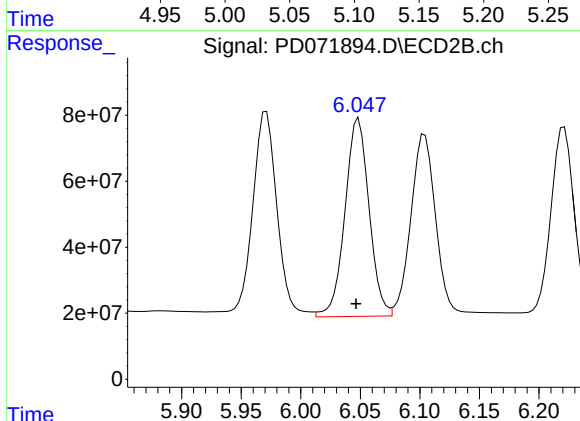
#11 alpha-Chlordane

R.T.: 5.101 min
Delta R.T.: 0.003 min
Response: 170755700
Conc: 51.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

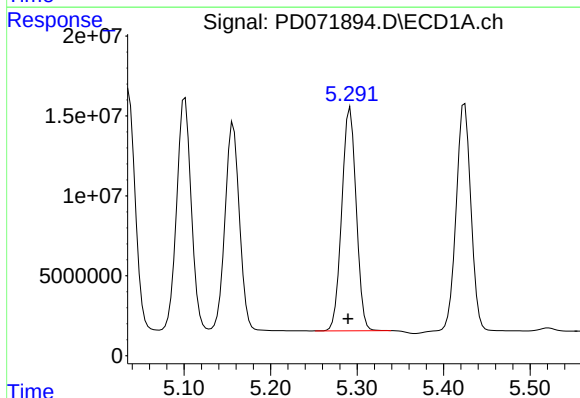
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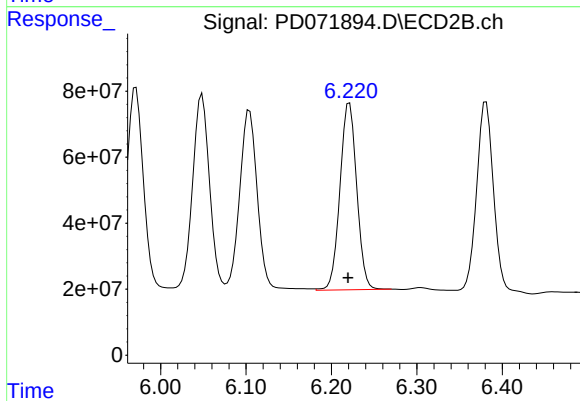
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 845465639
Conc: 54.19 ng/ml



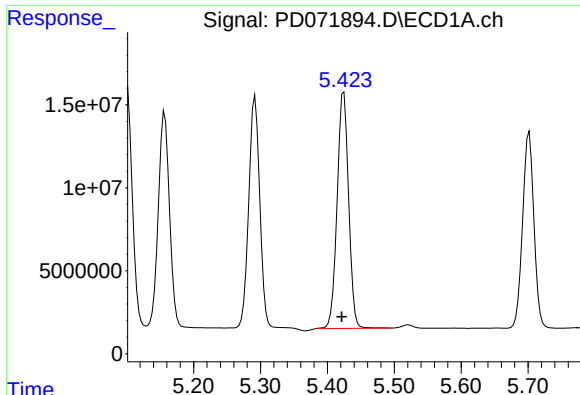
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.002 min
Response: 160495189
Conc: 52.45 ng/ml



#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 771734240
Conc: 52.39 ng/ml



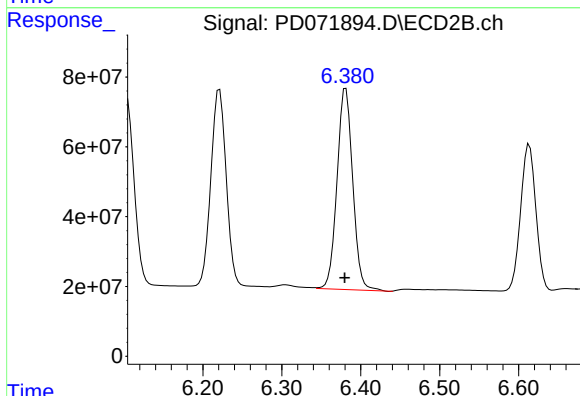
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: 0.003 min
Response: 169736535
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

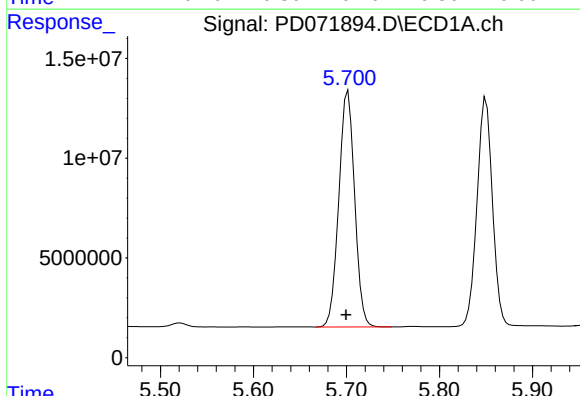
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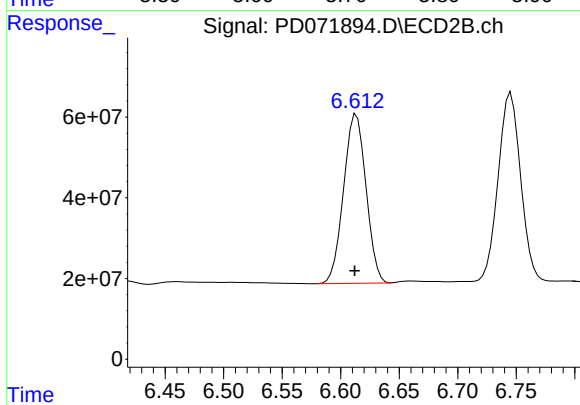
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.002 min
Response: 795390344
Conc: 52.48 ng/ml



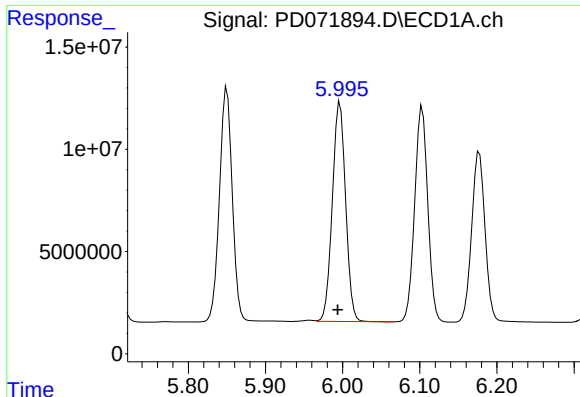
#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.002 min
Response: 139781062
Conc: 47.18 ng/ml



#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.001 min
Response: 559475111
Conc: 44.30 ng/ml



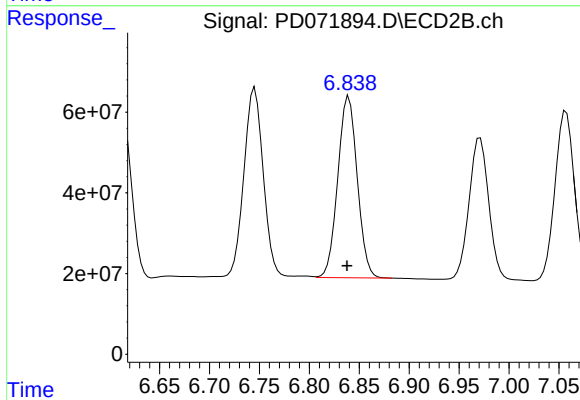
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: 0.003 min
Response: 128795801
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

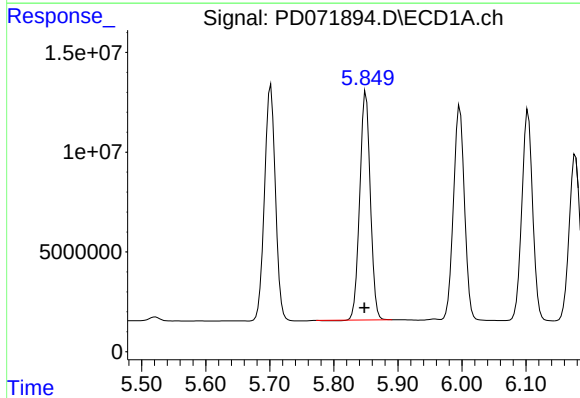
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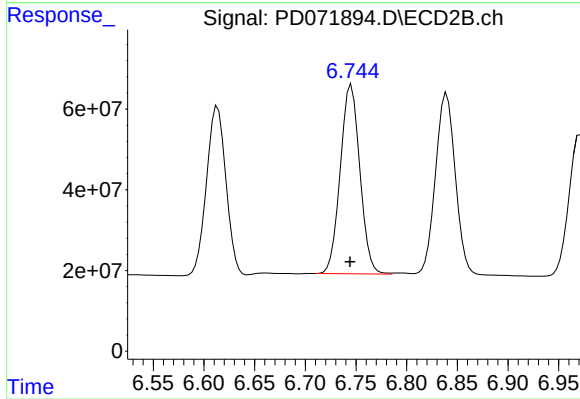
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: 0.002 min
Response: 610489736
Conc: 49.30 ng/ml



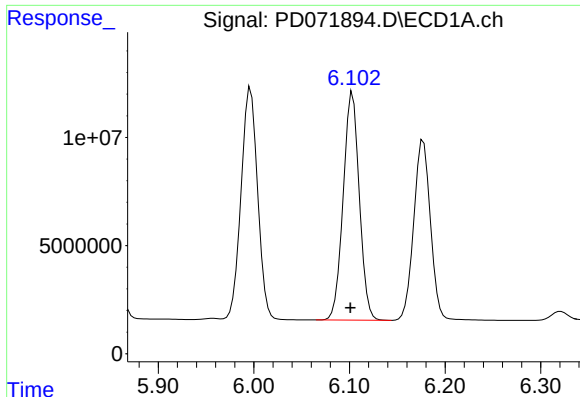
#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.002 min
Response: 130972822
Conc: 51.65 ng/ml



#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 629690864
Conc: 52.98 ng/ml



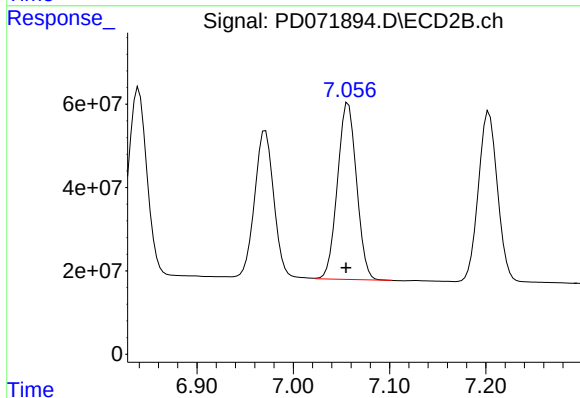
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 123892539
Conc: 47.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

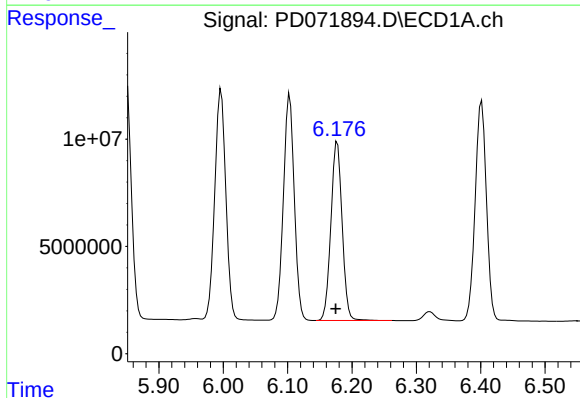
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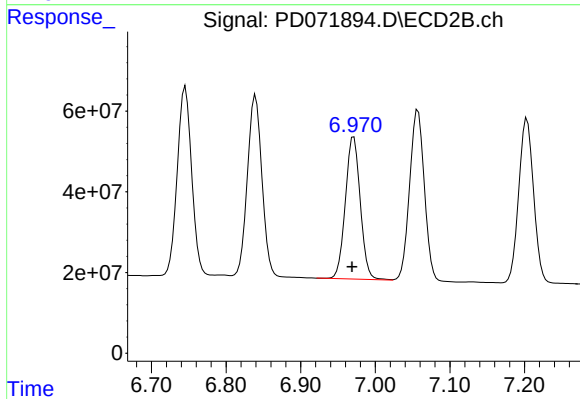
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.002 min
Response: 582496629
Conc: 47.15 ng/ml



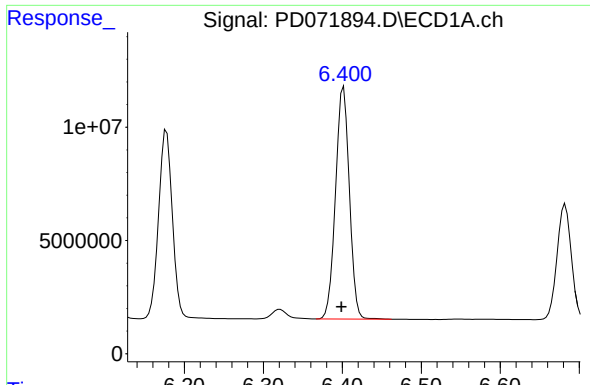
#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: 0.003 min
Response: 101286474
Conc: 45.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.971 min
Delta R.T.: 0.002 min
Response: 489036096
Conc: 50.65 ng/ml



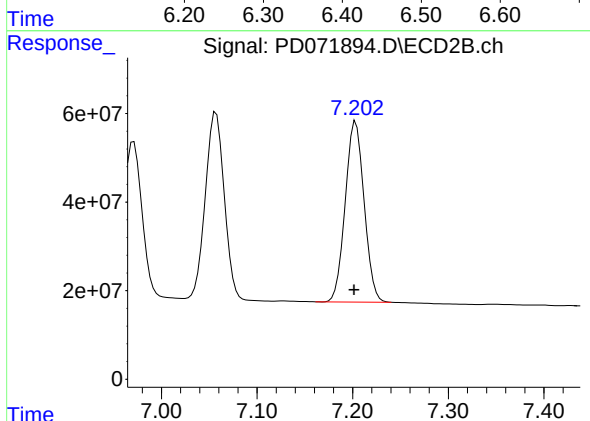
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 124799744
Conc: 46.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

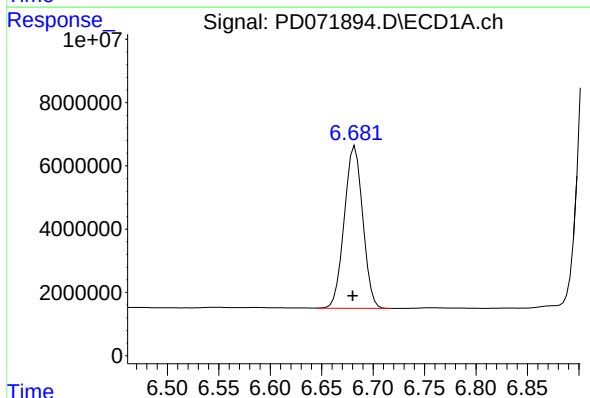
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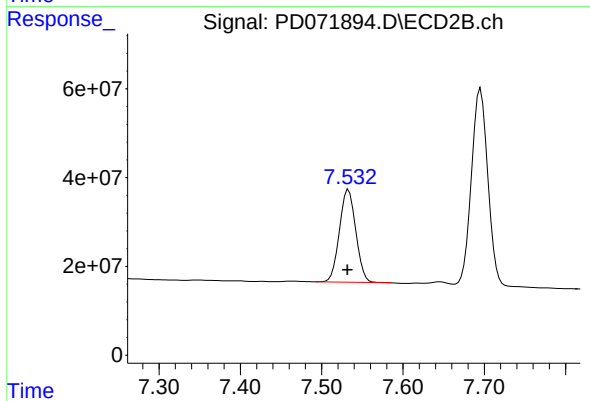
#19 Endosulfan Sulfate

R.T.: 7.203 min
Delta R.T.: 0.002 min
Response: 561466444
Conc: 50.35 ng/ml



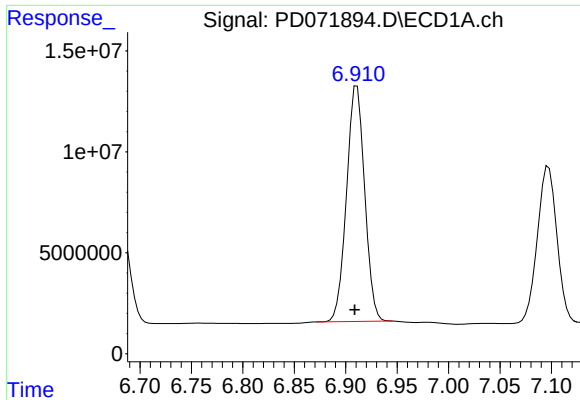
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.002 min
Response: 64182794
Conc: 42.86 ng/ml



#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.002 min
Response: 291538603
Conc: 47.96 ng/ml



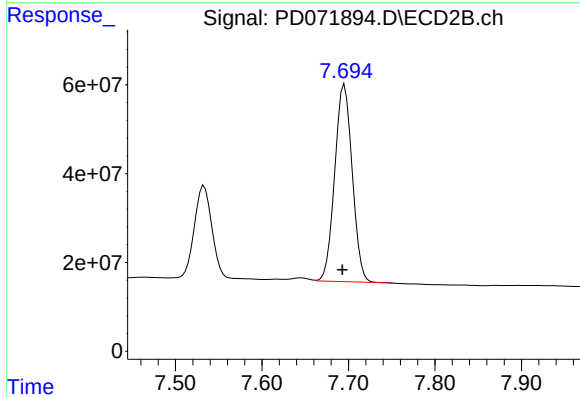
#21 Endrin ketone

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 143313746
Conc: 47.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

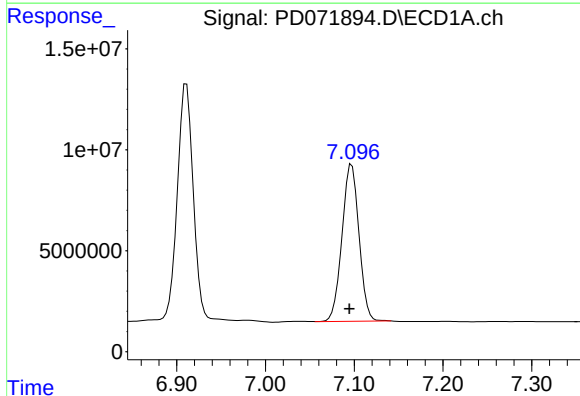
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Reviewed By :Abdul Mirza 09/15/2022
Supervised By :Ankita Jodhani 09/15/2022



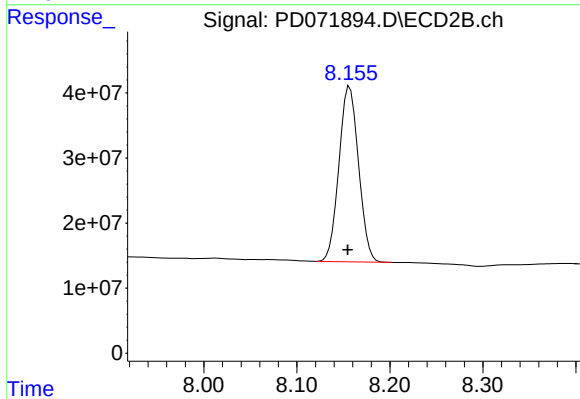
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: 0.003 min
Response: 620508551
Conc: 49.89 ng/ml



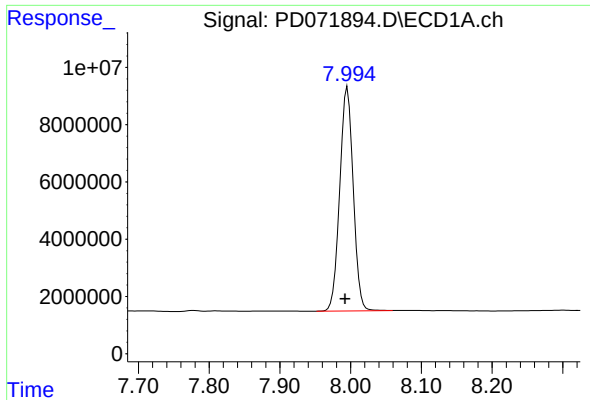
#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 103456278
Conc: 43.90 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.002 min
Response: 395038994
Conc: 45.62 ng/ml



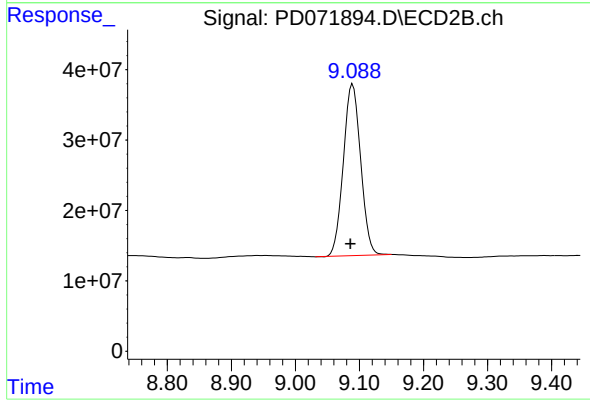
#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.003 min
Response: 103542875
Conc: 41.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 456798842
Conc: 49.13 ng/ml