

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100722\
 Data File : PD072305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 20:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2022
 Supervised By :Ankita Jodhani 10/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 06:34:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 05 15:15:26 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...	2.744	3.497	124.5E6	1608.2E6	49.612	44.363
28)	SA Decachlor...	7.918	8.985	119.4E6	523.8E6	46.841	52.135
Target Compounds							
2)	A alpha-BHC	3.248	3.961	203.9E6	2287.2E6	50.936	44.992
3)	MA gamma-BHC...	3.580	4.294	183.9E6	1809.1E6	50.901	43.641
4)	MA Heptachlor	3.923	4.868	175.2E6	1210.4E6	46.652	40.210
5)	MB Aldrin	4.204	5.209	181.6E6	1056.8E6	51.357	43.789
6)	B beta-BHC	3.879	4.502	77210107	735.7E6	49.937	44.149
7)	B delta-BHC	4.110	4.747	186.1E6	1374.7E6	51.050	46.426
8)	B Heptachlo...	4.710	5.640	161.5E6	889.8E6	50.659	46.860
9)	A Endosulfan I	5.082	6.026	145.1E6	809.2E6	48.863	47.679
10)	B gamma-Chl...	4.962	5.894	163.9E6	888.5E6	49.967	47.933
11)	B alpha-Chl...	5.027	5.972	159.7E6	847.6E6	49.763	47.223
12)	B 4,4'-DDE	5.220	6.146	154.3E6	832.5E6	50.697	46.803
13)	MA Dieldrin	5.347	6.303	162.0E6	850.2E6	51.409m	48.798
14)	MA Endrin	5.625	6.534	130.3E6	639.7E6	48.016	45.280
15)	B Endosulfa...	5.919	6.760	131.2E6	665.4E6	51.363m	49.281
16)	A 4,4'-DDD	5.776	6.669	139.5E6	739.1E6	53.445	53.175
17)	MA 4,4'-DDT	6.029	6.980	117.3E6	623.0E6	44.765	44.158
18)	B Endrin al...	6.101	6.891	106.0E6	533.1E6	49.786	49.157
19)	B Endosulfa...	6.325	7.124	133.7E6	635.3E6	49.431	50.169
20)	A Methoxychlor	6.609	7.457	66737937	314.1E6	43.242	45.255
21)	B Endrin ke...	6.832	7.613	164.3E6	722.7E6	51.649	51.559
22)	Mirex	7.016	8.073	112.9E6	483.4E6	48.517	52.077

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

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ECD_D

ClientSampleId :

PSTDCCC050

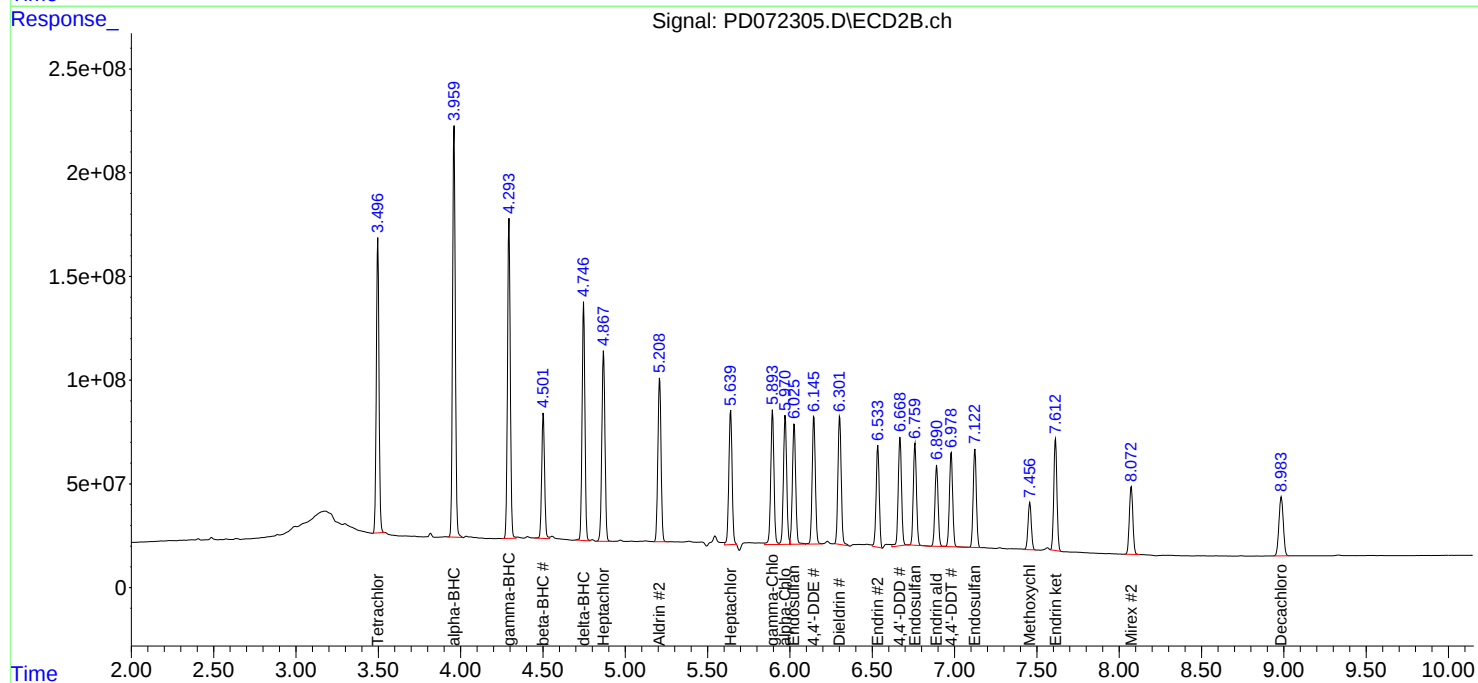
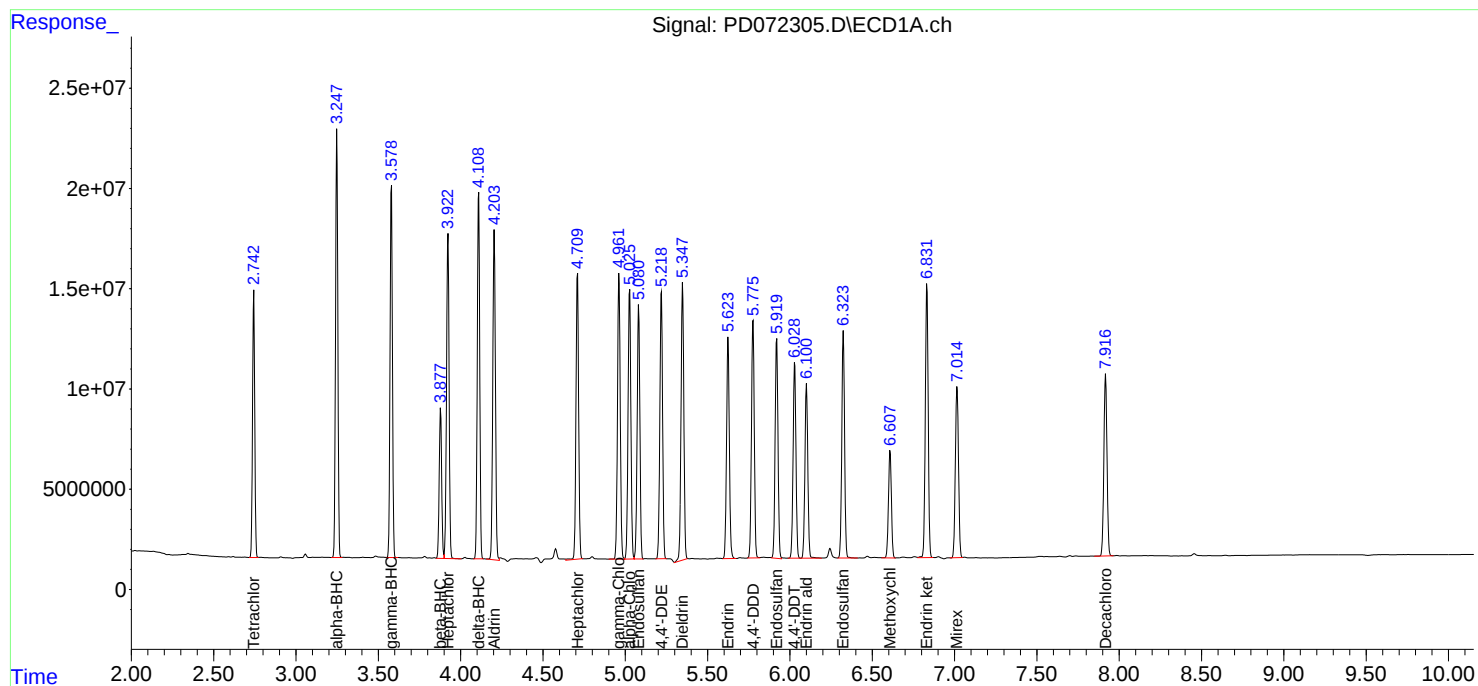
Manual Integrations

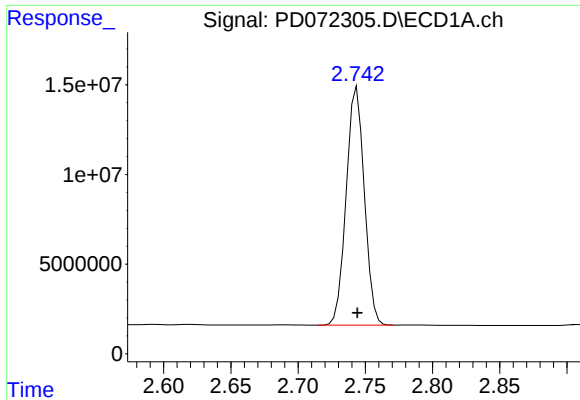
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Integration File signal 1: autoint1.e
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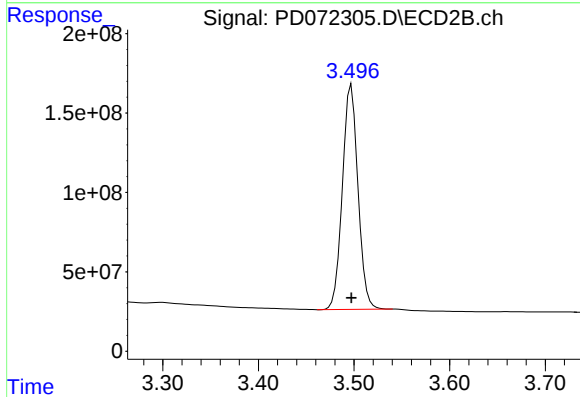
#1 Tetrachloro-m-xylene

R.T.: 2.744 min
Delta R.T.: 0.000 min
Response: 124505286
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

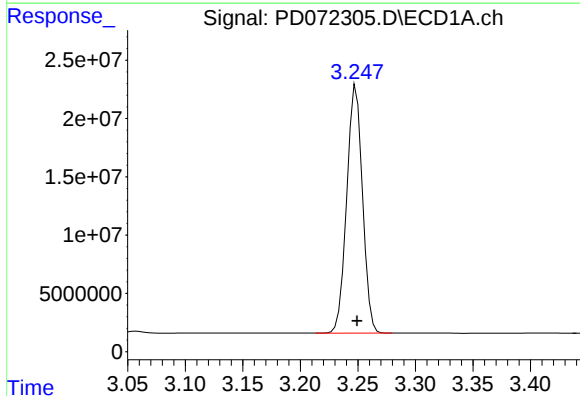
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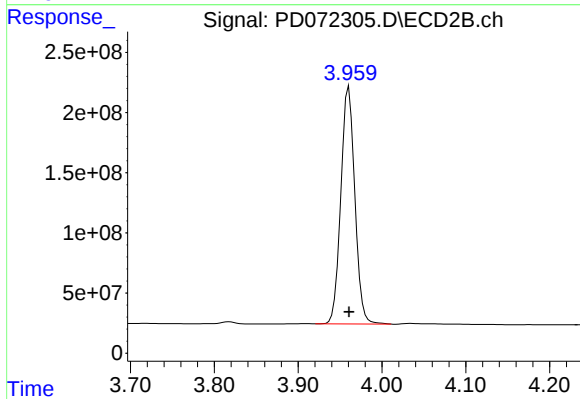
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.000 min
Response: 1608209065
Conc: 44.36 ng/ml



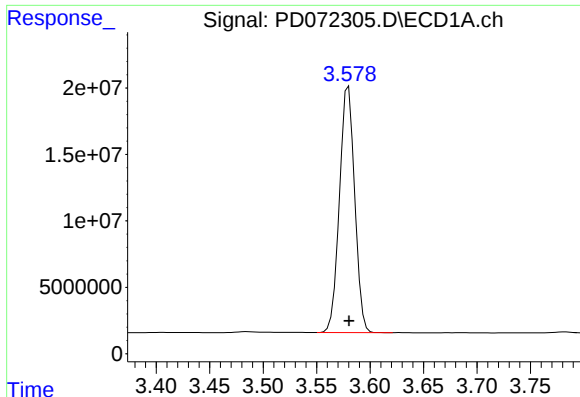
#2 alpha-BHC

R.T.: 3.248 min
Delta R.T.: 0.000 min
Response: 203879620
Conc: 50.94 ng/ml



#2 alpha-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 2287246588
Conc: 44.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.580 min
Delta R.T.: 0.000 min
Response: 183883381
Conc: 50.90 ng/ml

Instrument :

ECD_D

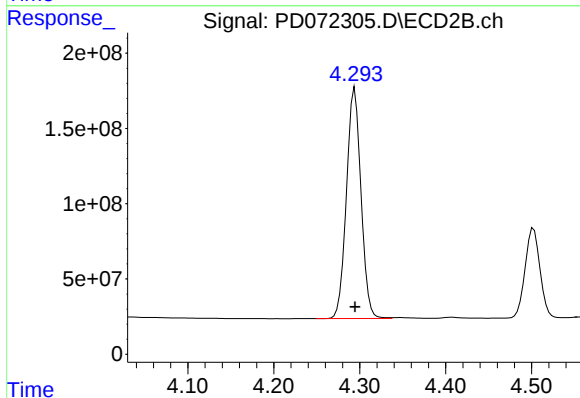
ClientSampleId :

PSTDCCC050

Manual Integrations

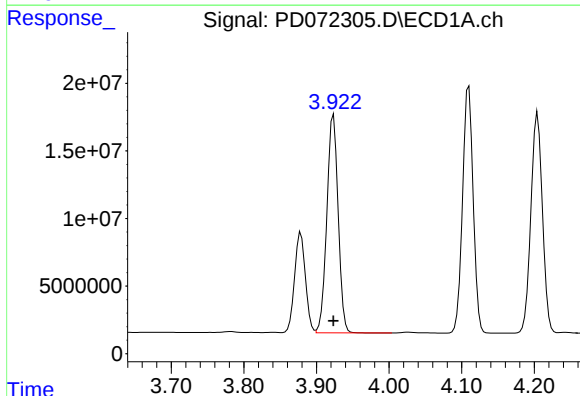
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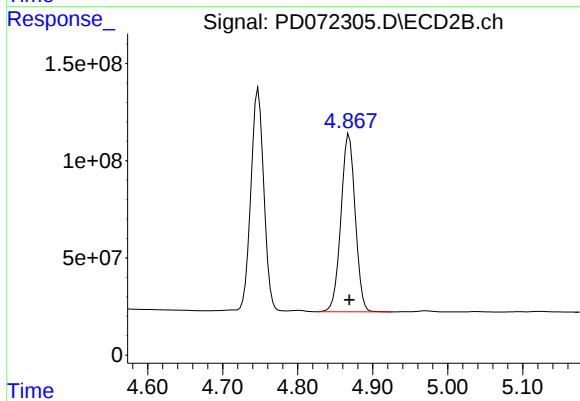
#3 gamma-BHC (Lindane)

R.T.: 4.294 min
Delta R.T.: 0.000 min
Response: 1809142556
Conc: 43.64 ng/ml



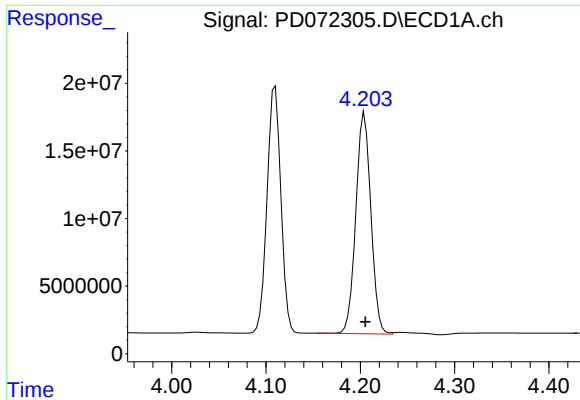
#4 Heptachlor

R.T.: 3.923 min
Delta R.T.: 0.000 min
Response: 175238097
Conc: 46.65 ng/ml



#4 Heptachlor

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1210427013
Conc: 40.21 ng/ml



#5 Aldrin

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 181609177
Conc: 51.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

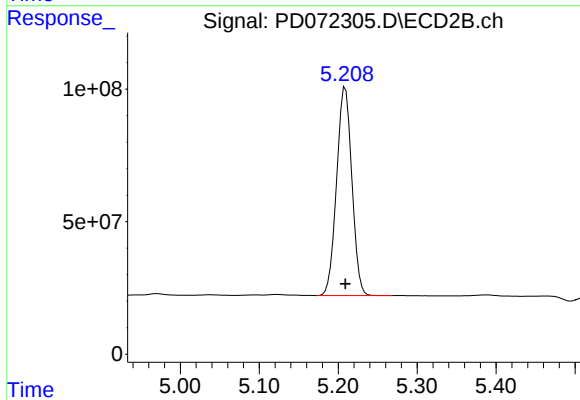
PSTDCCC050

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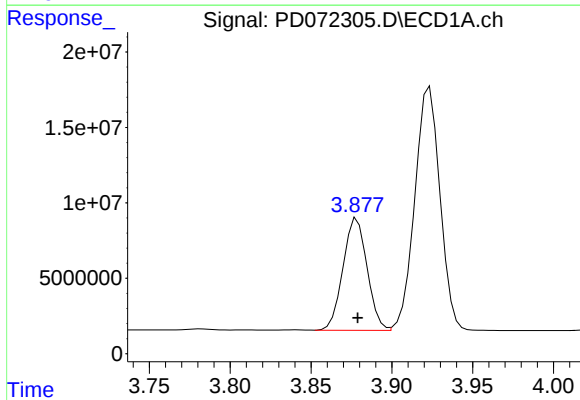
Reviewed By :Abdul Mirza 10/10/2022

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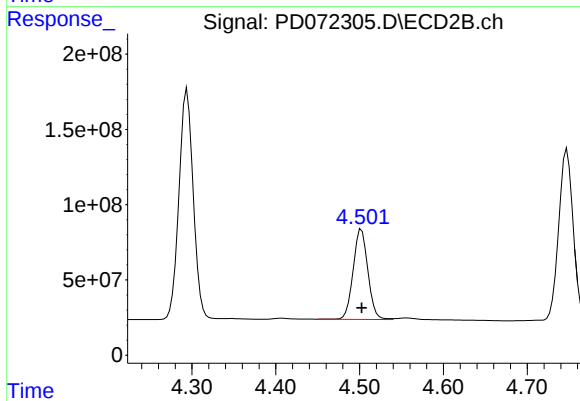
#5 Aldrin

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 1056797529
Conc: 43.79 ng/ml



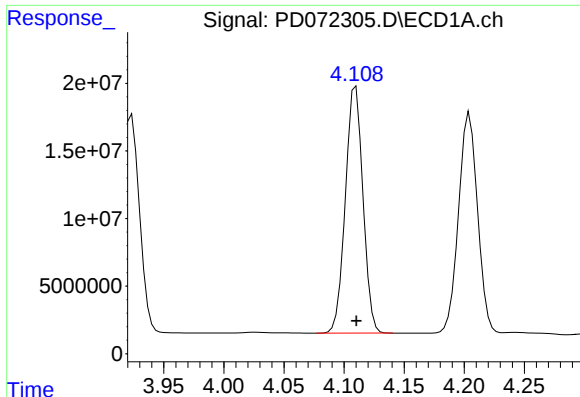
#6 beta-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 77210107
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 735740724
Conc: 44.15 ng/ml



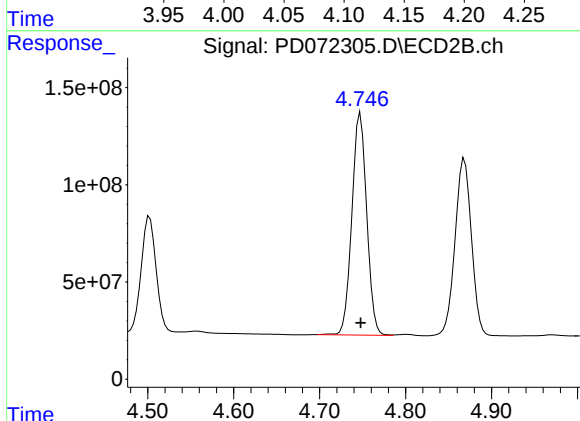
#7 delta-BHC

R.T.: 4.110 min
Delta R.T.: 0.000 min
Response: 186077913
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

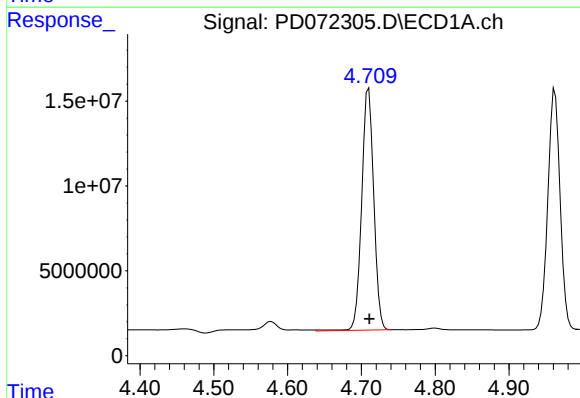
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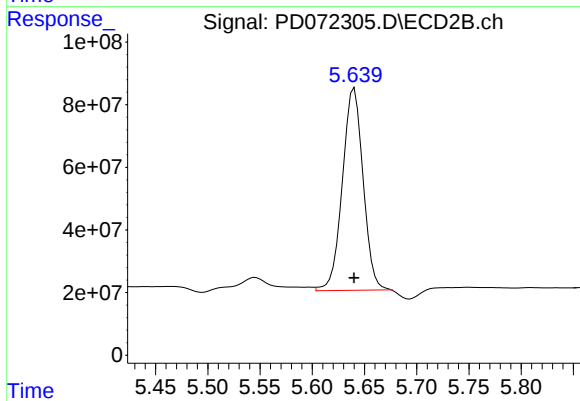
#7 delta-BHC

R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 1374682518
Conc: 46.43 ng/ml



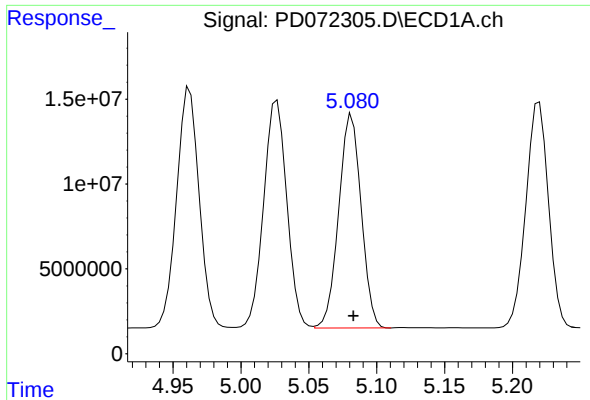
#8 Heptachlor epoxide

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 161485890
Conc: 50.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 889820341
Conc: 46.86 ng/ml



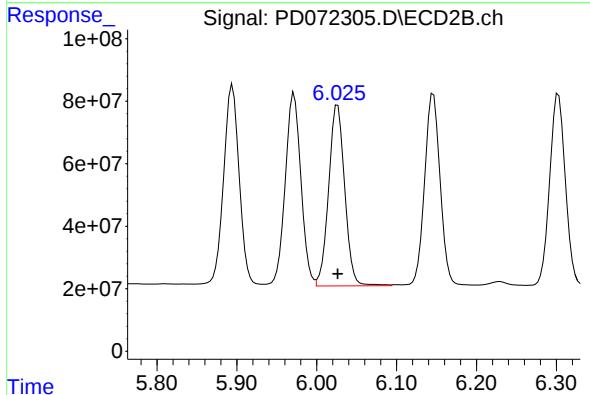
#9 Endosulfan I

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 145113956
Conc: 48.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

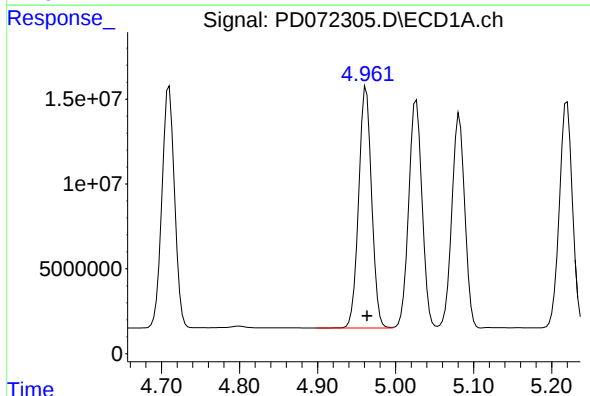
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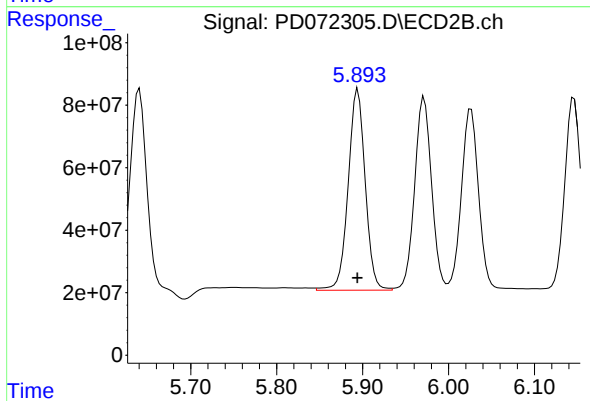
#9 Endosulfan I

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 809223444
Conc: 47.68 ng/ml



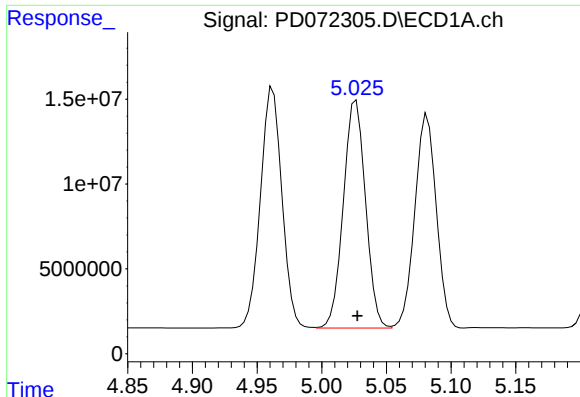
#10 gamma-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 163869695
Conc: 49.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 888504163
Conc: 47.93 ng/ml



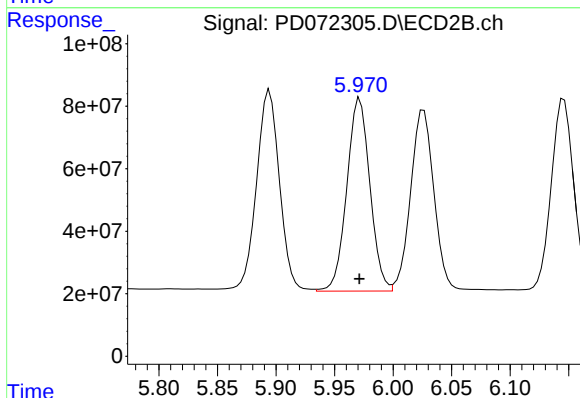
#11 alpha-Chlordane

R.T.: 5.027 min
Delta R.T.: -0.001 min
Response: 159715930
Conc: 49.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

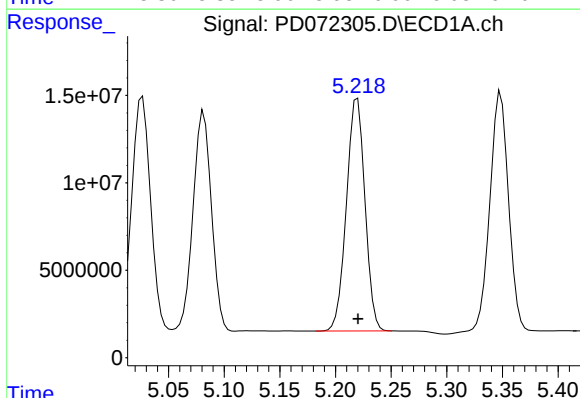
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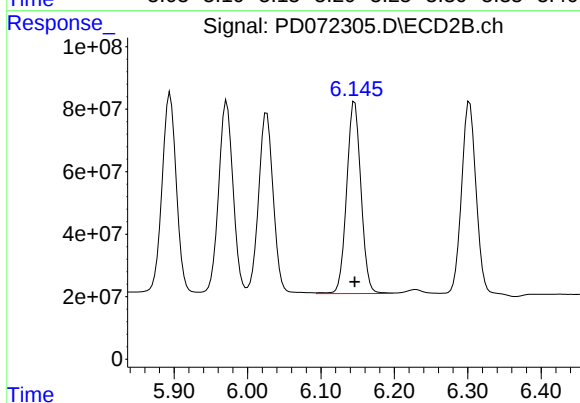
#11 alpha-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.000 min
Response: 847628113
Conc: 47.22 ng/ml



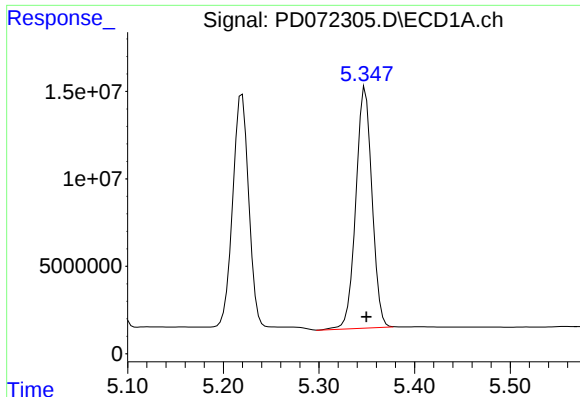
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 154290326
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 832521700
Conc: 46.80 ng/ml



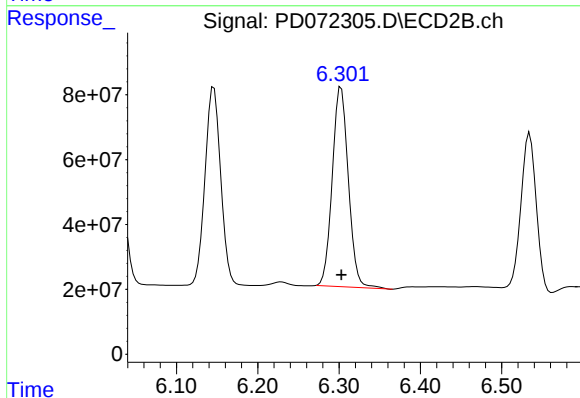
#13 Dieldrin

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 161959969
Conc: 51.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

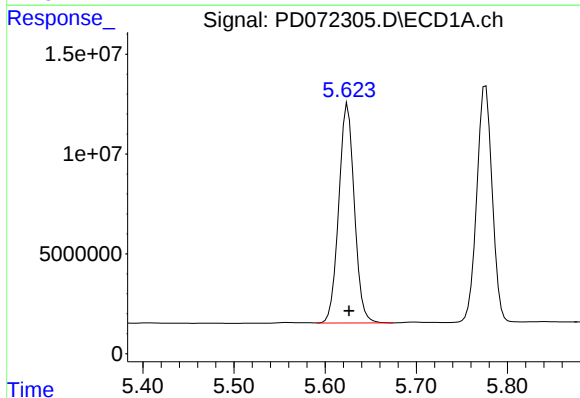
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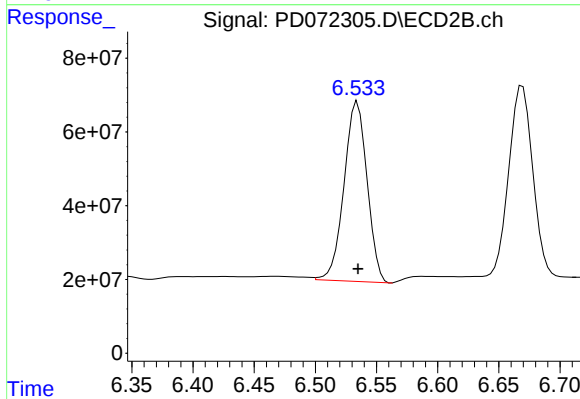
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 850182219
Conc: 48.80 ng/ml



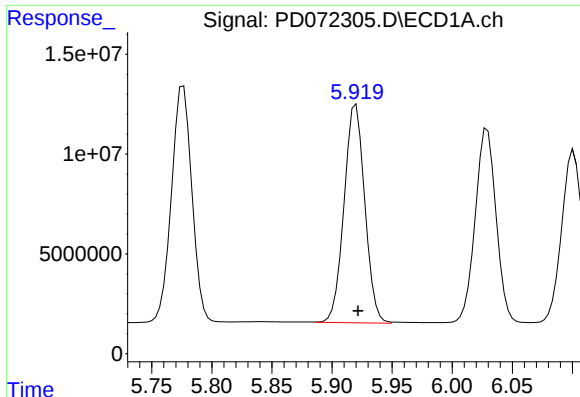
#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 130303097
Conc: 48.02 ng/ml



#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 639684064
Conc: 45.28 ng/ml



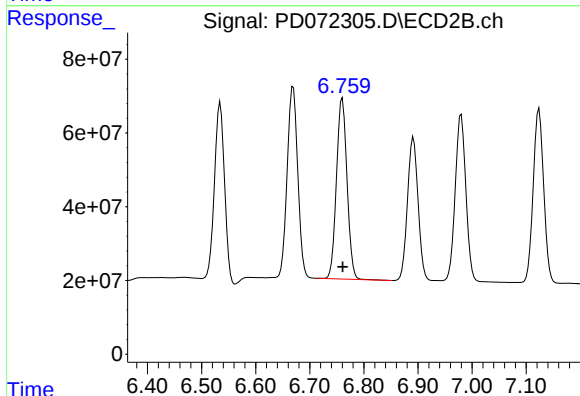
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.003 min
Response: 131207677
Conc: 51.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

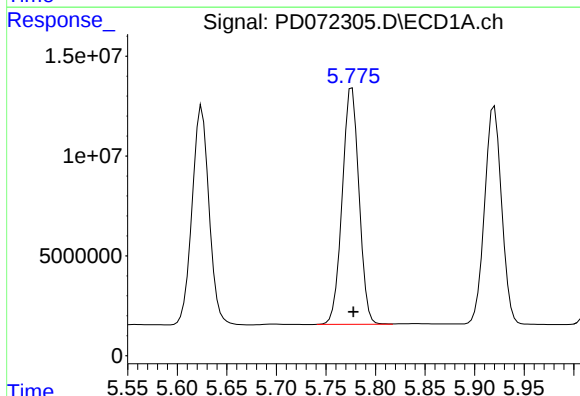
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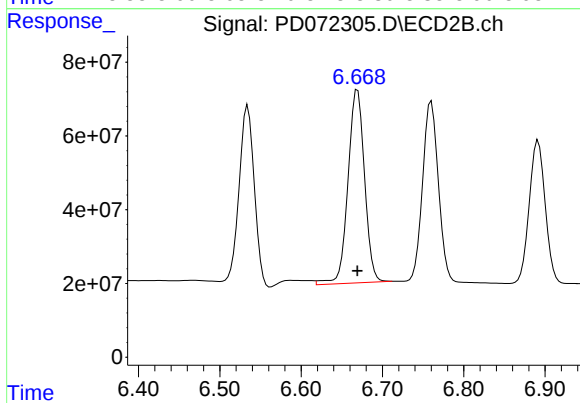
#15 Endosulfan II

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 665385139
Conc: 49.28 ng/ml



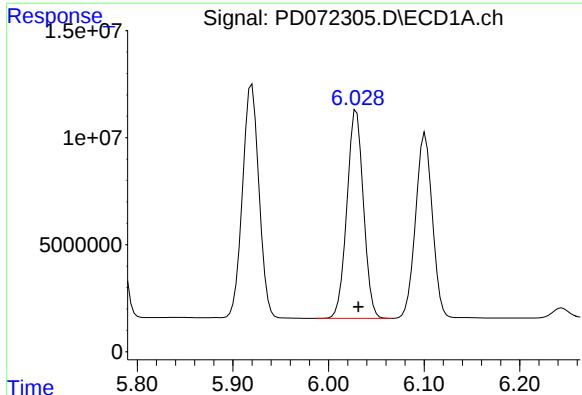
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 139508921
Conc: 53.45 ng/ml



#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 739123346
Conc: 53.17 ng/ml



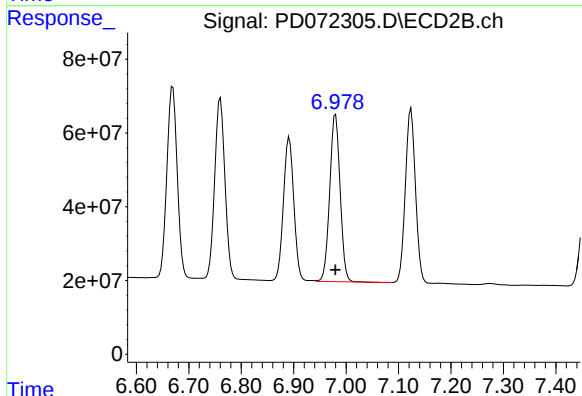
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 117335887
Conc: 44.76 ng/ml

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ECD_D
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PSTDCCC050

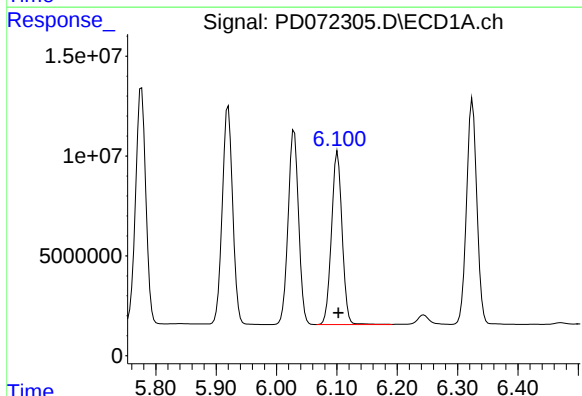
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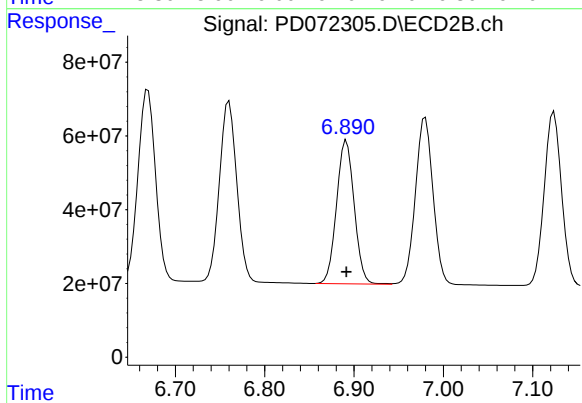
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 622974709
Conc: 44.16 ng/ml



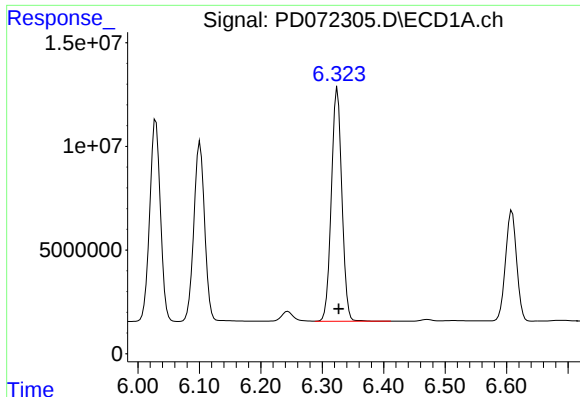
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.002 min
Response: 106031071
Conc: 49.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 533107748
Conc: 49.16 ng/ml



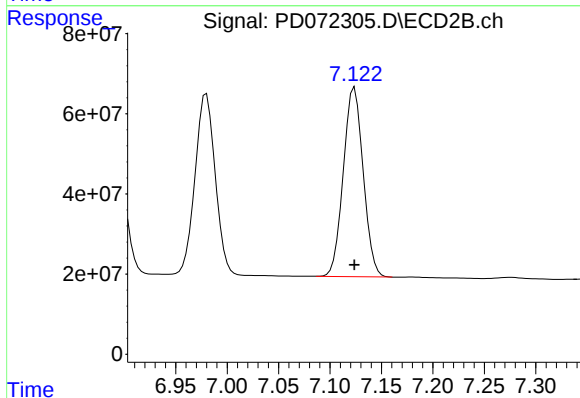
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 133670725
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

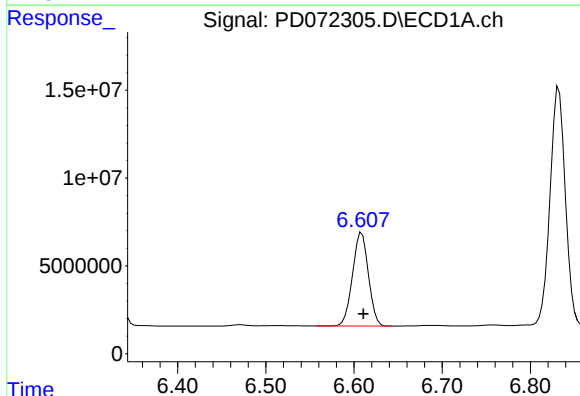
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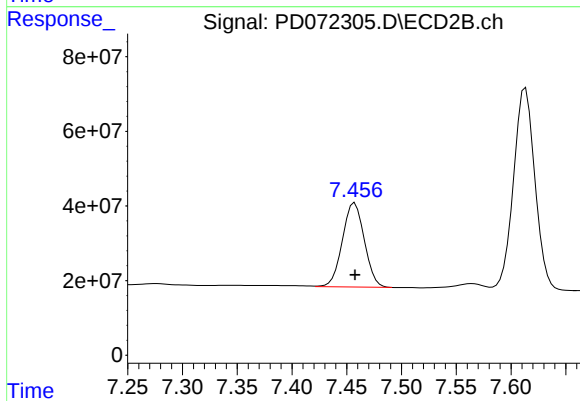
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 635251728
Conc: 50.17 ng/ml



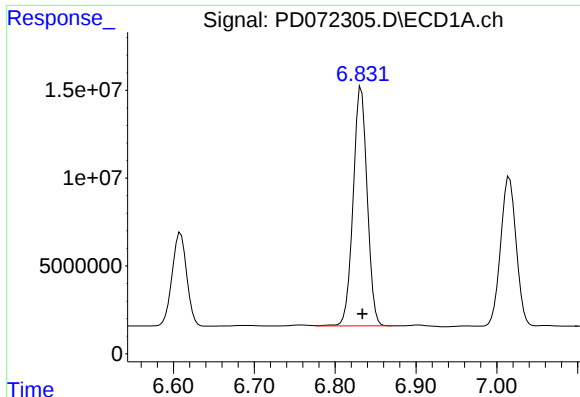
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.002 min
Response: 66737937
Conc: 43.24 ng/ml



#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 314081479
Conc: 45.25 ng/ml



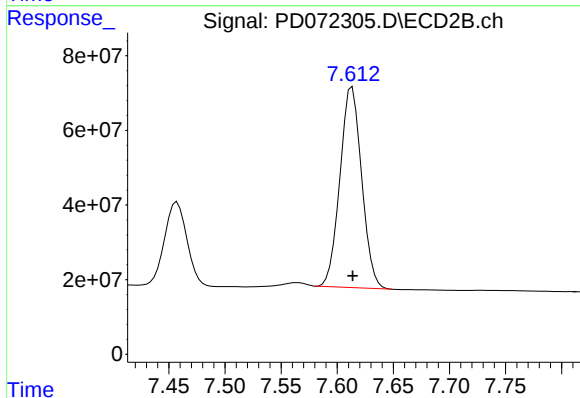
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.002 min
Response: 164285381
Conc: 51.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

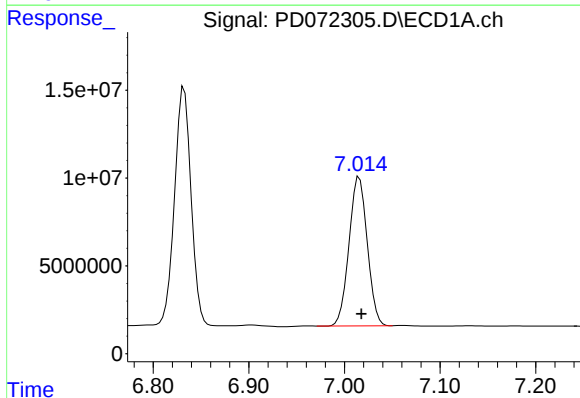
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2022
Supervised By :Ankita Jodhani 10/10/2022



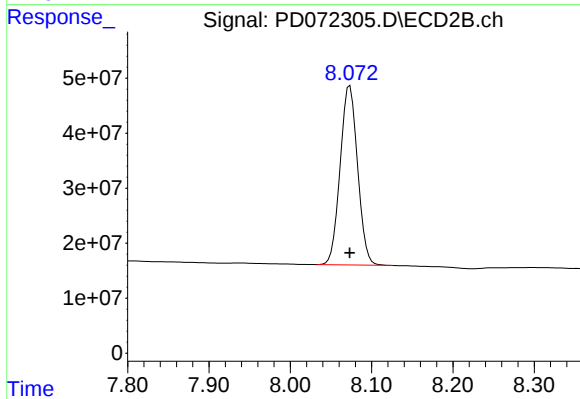
#21 Endrin ketone

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 722734909
Conc: 51.56 ng/ml



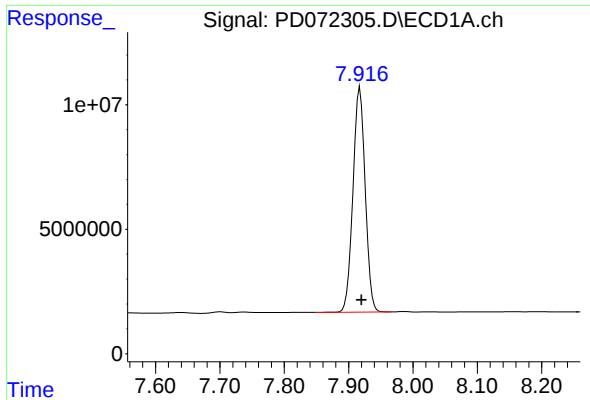
#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 112902389
Conc: 48.52 ng/ml



#22 Mirex

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 483377113
Conc: 52.08 ng/ml



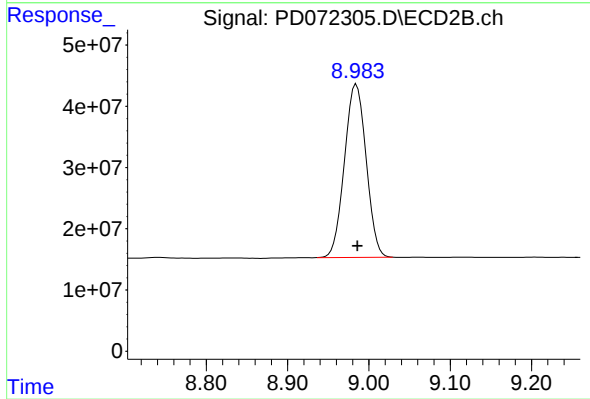
#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 119405848
Conc: 46.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/10/2022



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 523797542
Conc: 52.13 ng/ml