

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121922\
 Data File : PD073361.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 16:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/20/2022
 Supervised By :Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:27:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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...	2.697	3.458	102.0E6	4185.0E6	48.663	42.554
28)	SA Decachlor...	7.823	8.906	114.7E6	920.0E6	47.386	52.191
Target Compounds							
2)	A alpha-BHC	3.199	3.922	176.5E6	5741.9E6	51.032	42.960
3)	MA gamma-BHC...	3.529	4.255	159.8E6	4279.0E6	58.102	43.367 #
4)	MA Heptachlor	3.861	4.821	159.9E6	2951.5E6	51.124	46.316
5)	MB Aldrin	4.140	5.159	157.5E6	2578.6E6	50.842	46.799
6)	B beta-BHC	3.831	4.470	64972484	1518.0E6	51.164	44.797
7)	B delta-BHC	4.060	4.714	164.3E6	3290.3E6	52.196	49.587
8)	B Heptachlo...	4.644	5.591	141.4E6	2221.6E6	51.007	49.836
9)	A Endosulfan I	5.013	5.975	132.6E6	2017.1E6	50.115	48.586
10)	B gamma-Chl...	4.893	5.844	144.5E6	2088.8E6	50.654	46.731
11)	B alpha-Chl...	4.956	5.920	141.9E6	2117.1E6	50.359	48.378
12)	B 4,4'-DDE	5.144	6.093	138.9E6	2103.8E6	51.299	49.781
13)	MA Dieldrin	5.279	6.252	140.5E6	2083.4E6	49.805	49.592
14)	MA Endrin	5.556	6.484	128.9E6	1708.3E6	50.188	51.999
15)	B Endosulfa...	5.852	6.713	116.3E6	1602.7E6	49.238m	50.452
16)	A 4,4'-DDD	5.702	6.617	114.5E6	1602.4E6	50.778	51.288
17)	MA 4,4'-DDT	5.951	6.926	110.6E6	1600.4E6	49.913	52.959
18)	B Endrin al...	6.035	6.845	90559731	1223.1E6	48.111	52.174
19)	B Endosulfa...	6.258	7.077	116.6E6	1452.7E6	49.071	53.095
20)	A Methoxychlor	6.533	7.405	63809697	716.7E6	47.876	52.950
21)	B Endrin ke...	6.769	7.567	136.3E6	1468.4E6	50.155	53.481
22)	Mirex	6.933	8.014	103.1E6	926.2E6	49.582	52.957

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

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Acq On : 19 Dec 2022 16:25
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

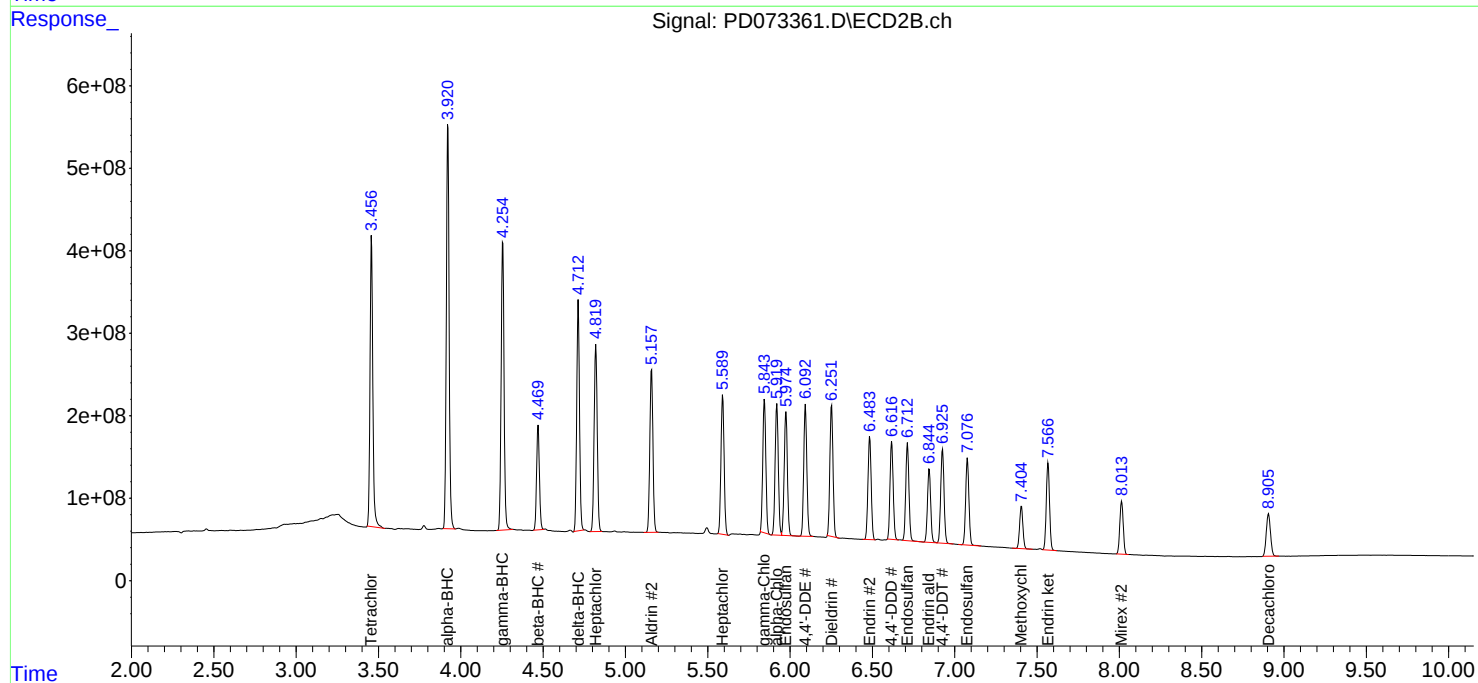
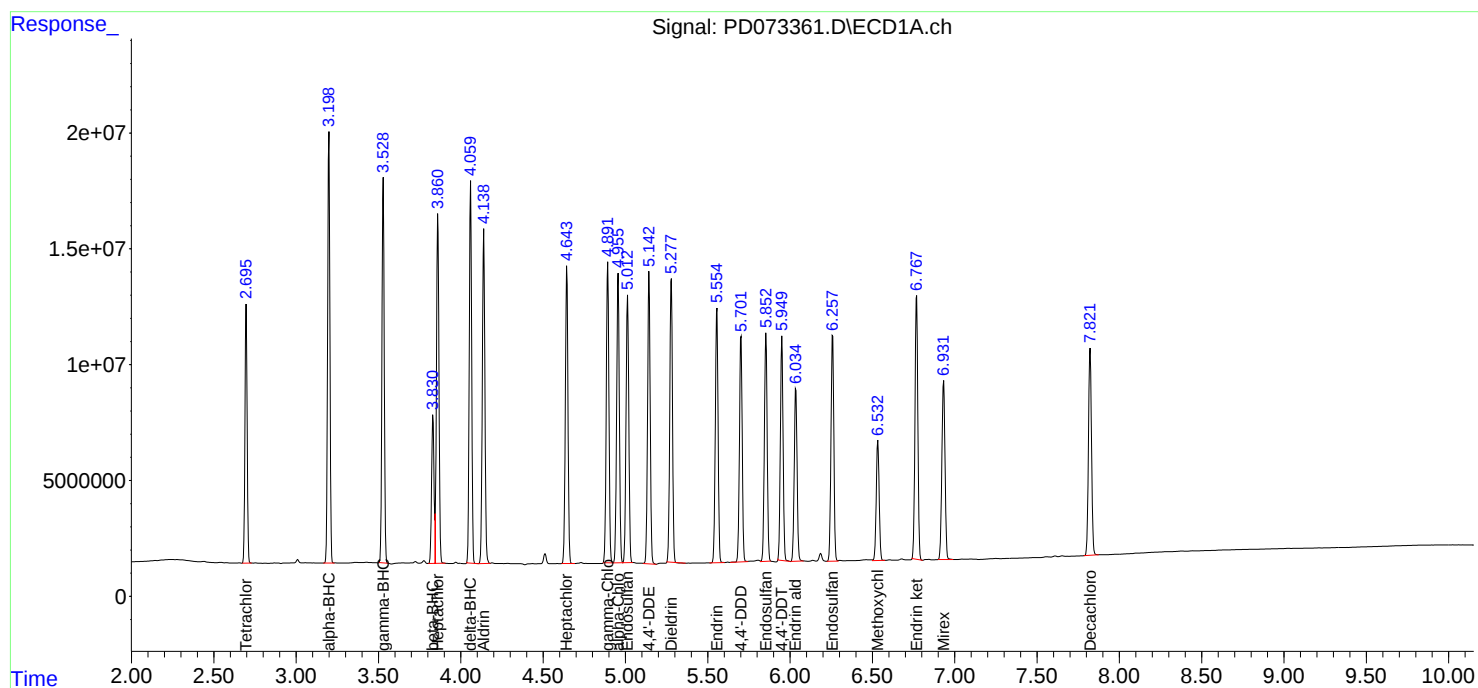
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

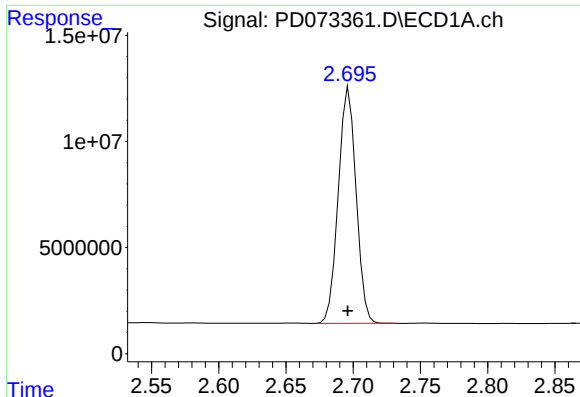
Manual Integrations
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Reviewed By : Abdul Mirza 12/20/2022
Supervised By : Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 20:27:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractables
QLast Update : Fri Dec 16 15:46:21 2022
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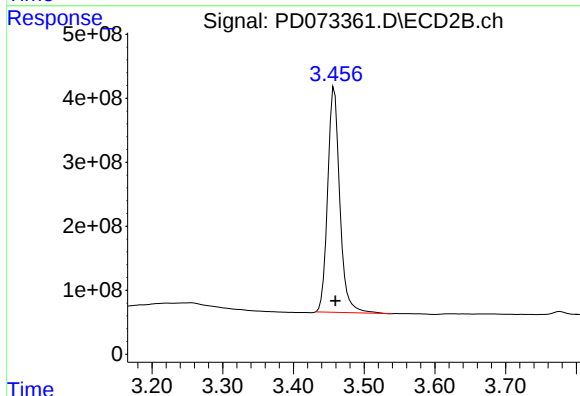
#1 Tetrachloro-m-xylene

R.T.: 2.697 min
Delta R.T.: 0.000 min
Response: 101988834
Conc: 48.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

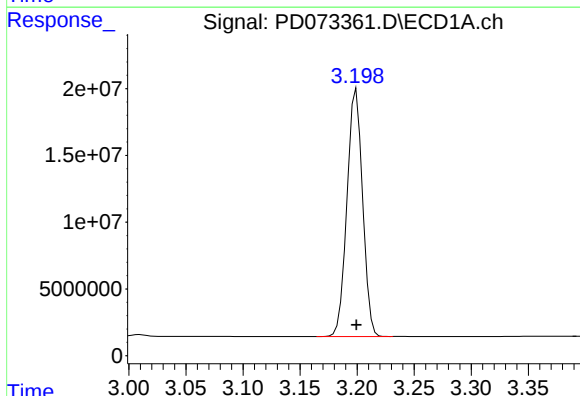
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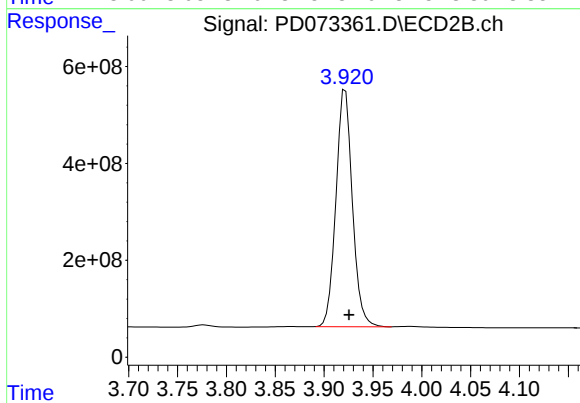
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: -0.001 min
Response: 4185002410
Conc: 42.55 ng/ml



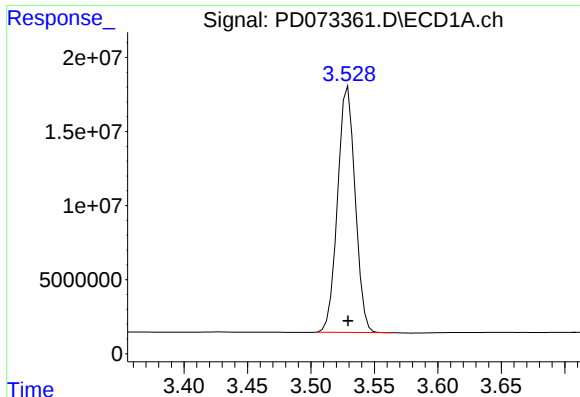
#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.000 min
Response: 176513596
Conc: 51.03 ng/ml



#2 alpha-BHC

R.T.: 3.922 min
Delta R.T.: -0.004 min
Response: 5741887309
Conc: 42.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.529 min
Delta R.T.: 0.000 min
Response: 159764560
Conc: 58.10 ng/ml

Instrument :

ECD_D

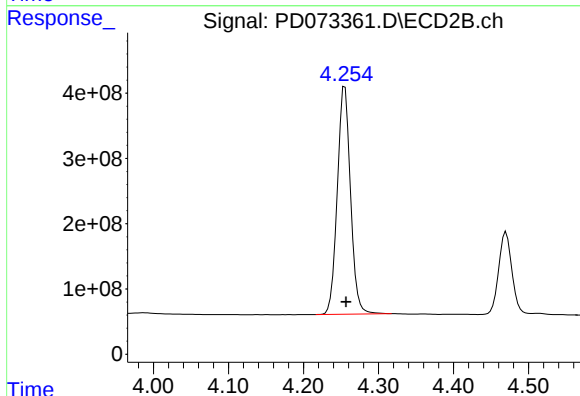
ClientSampleId :

PSTDCCC050

Manual Integrations

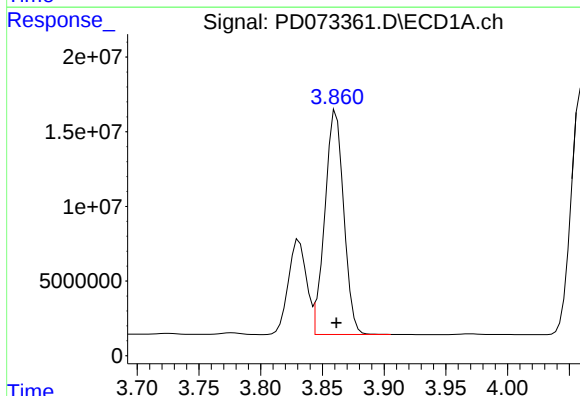
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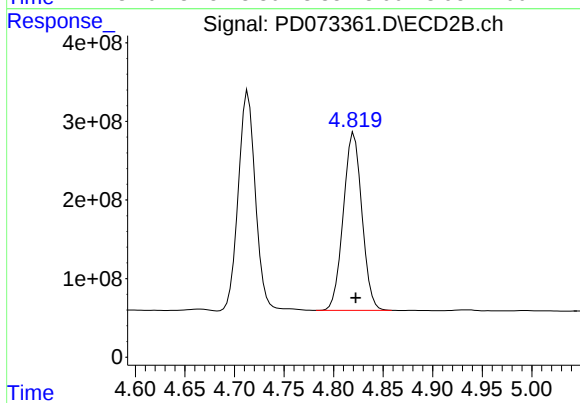
#3 gamma-BHC (Lindane)

R.T.: 4.255 min
Delta R.T.: -0.002 min
Response: 4278980193
Conc: 43.37 ng/ml



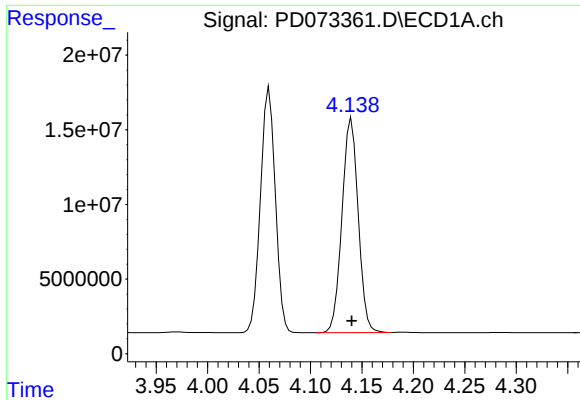
#4 Heptachlor

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 159929399
Conc: 51.12 ng/ml



#4 Heptachlor

R.T.: 4.821 min
Delta R.T.: -0.002 min
Response: 2951451787
Conc: 46.32 ng/ml



#5 Aldrin

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 157516639
Conc: 50.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

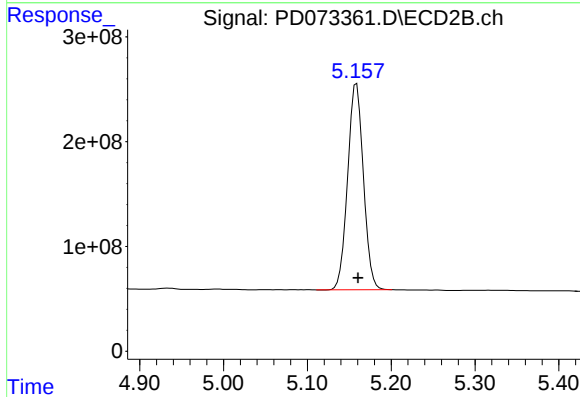
PSTDCCC050

Manual Integrations

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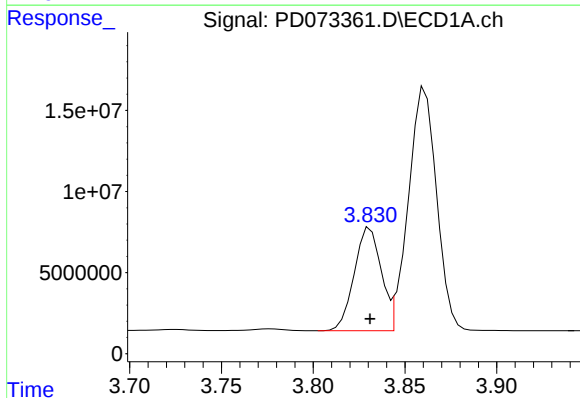
Reviewed By :Abdul Mirza 12/20/2022

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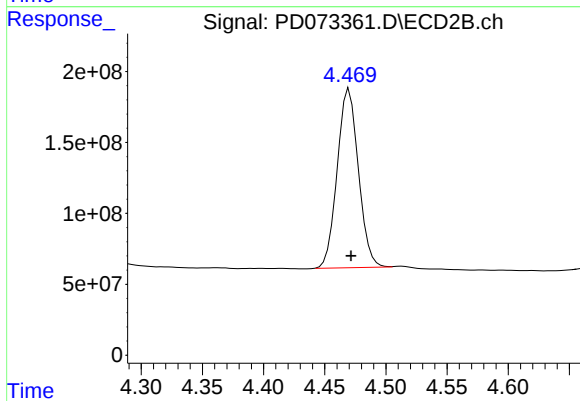
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 2578583880
Conc: 46.80 ng/ml



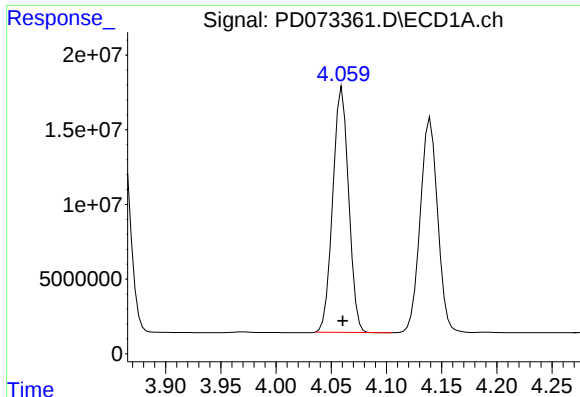
#6 beta-BHC

R.T.: 3.831 min
Delta R.T.: 0.000 min
Response: 64972484
Conc: 51.16 ng/ml



#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 1517976584
Conc: 44.80 ng/ml



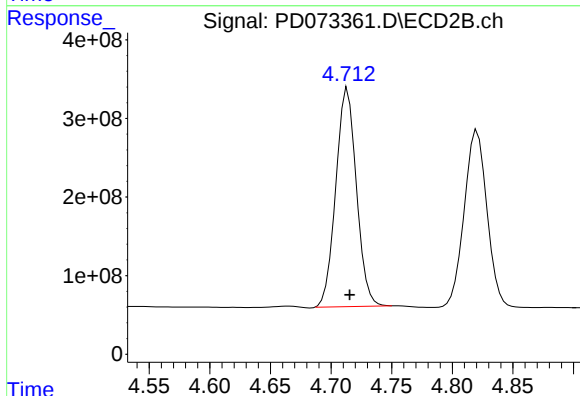
#7 delta-BHC

R.T.: 4.060 min
Delta R.T.: 0.000 min
Response: 164335718
Conc: 52.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

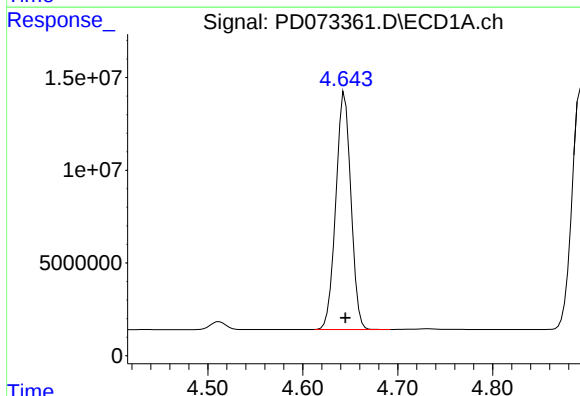
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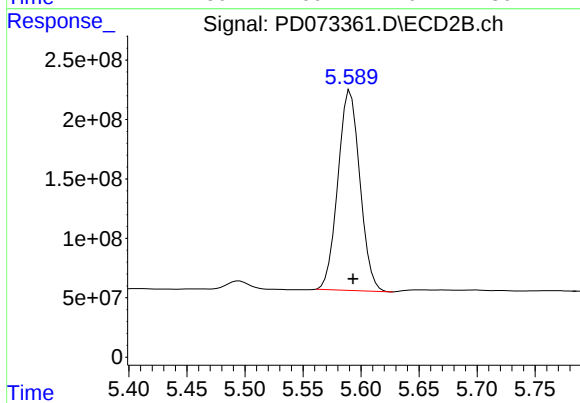
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 3290273614
Conc: 49.59 ng/ml



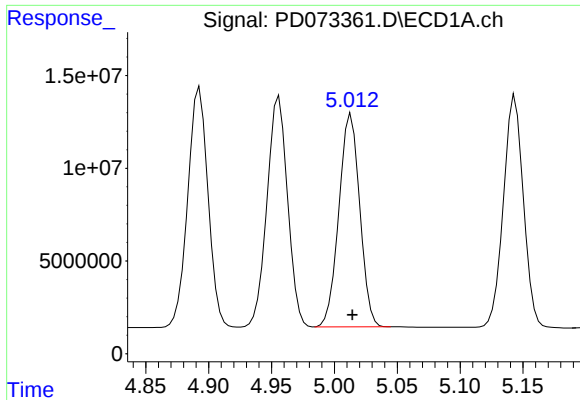
#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.001 min
Response: 141372469
Conc: 51.01 ng/ml



#8 Heptachlor epoxide

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 2221640457
Conc: 49.84 ng/ml



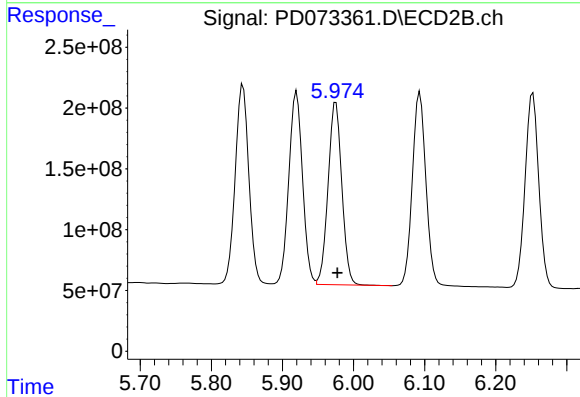
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 132633516
Conc: 50.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

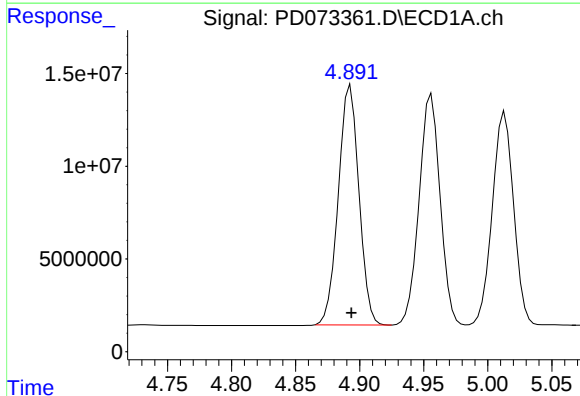
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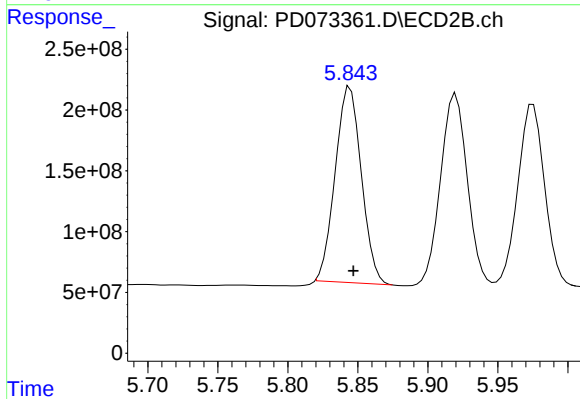
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2017143388
Conc: 48.59 ng/ml



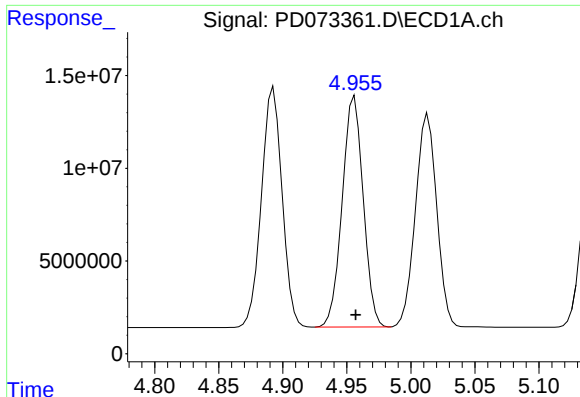
#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 144533502
Conc: 50.65 ng/ml



#10 gamma-Chlordane

R.T.: 5.844 min
Delta R.T.: -0.002 min
Response: 2088838450
Conc: 46.73 ng/ml



#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 141873457
Conc: 50.36 ng/ml

Instrument :

ECD_D

ClientSampleId :

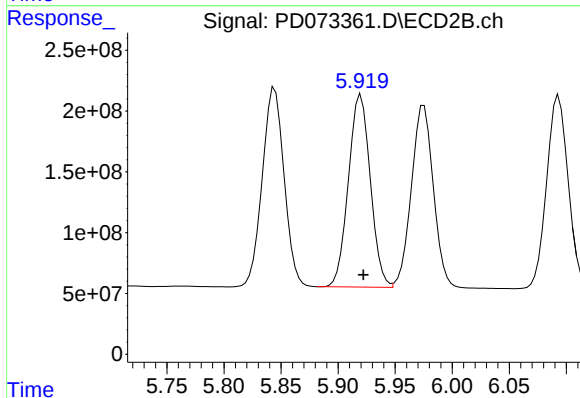
PSTDCCC050

Manual Integrations

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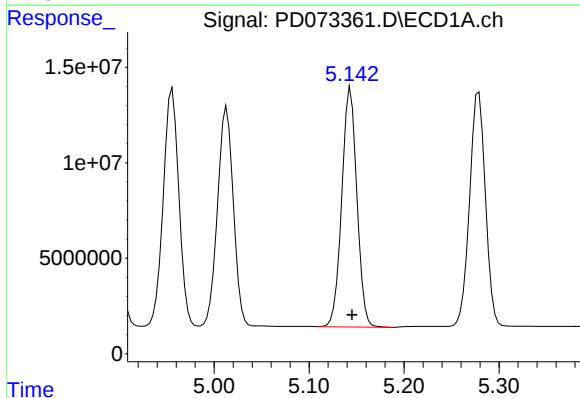
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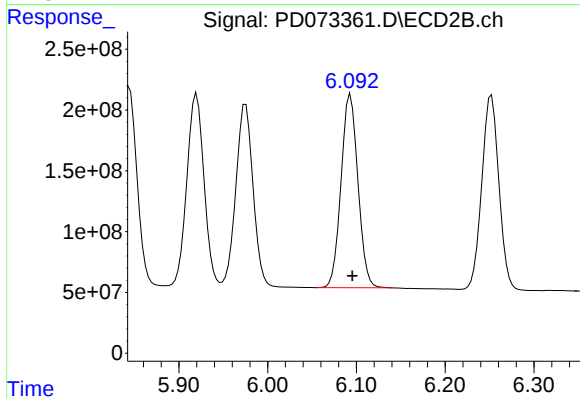
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2117096326
Conc: 48.38 ng/ml



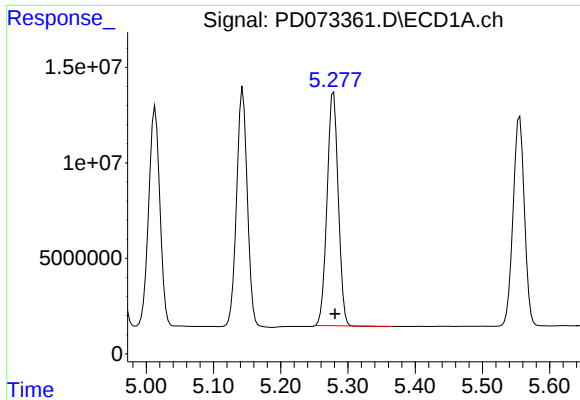
#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.001 min
Response: 138908669
Conc: 51.30 ng/ml



#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2103807970
Conc: 49.78 ng/ml



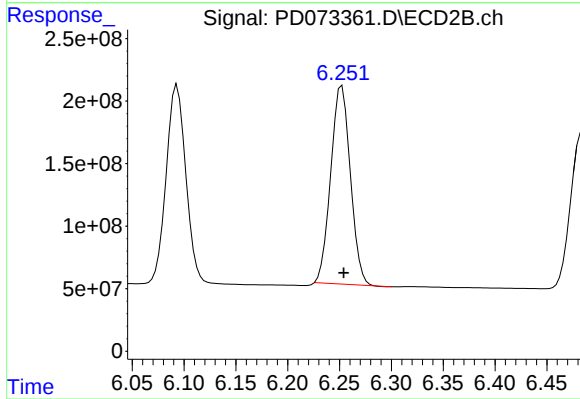
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: -0.002 min
Response: 140549883
Conc: 49.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

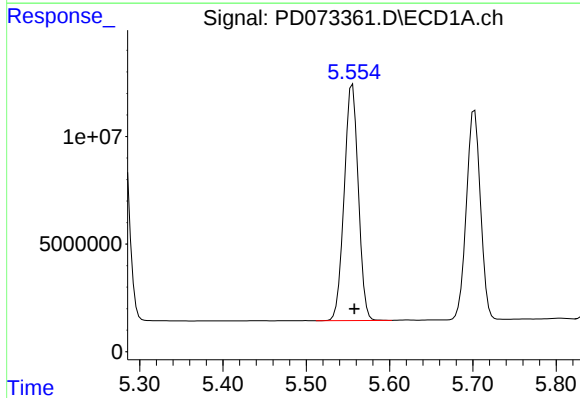
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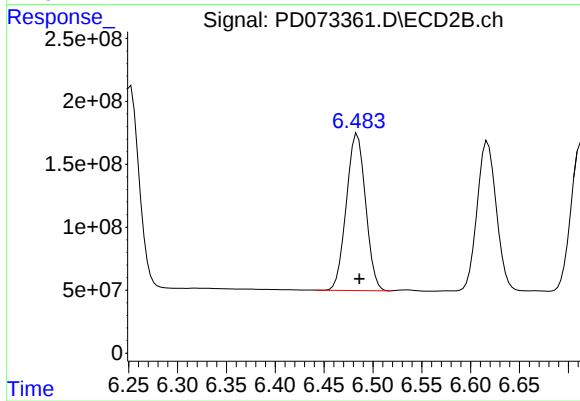
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 2083368482
Conc: 49.59 ng/ml



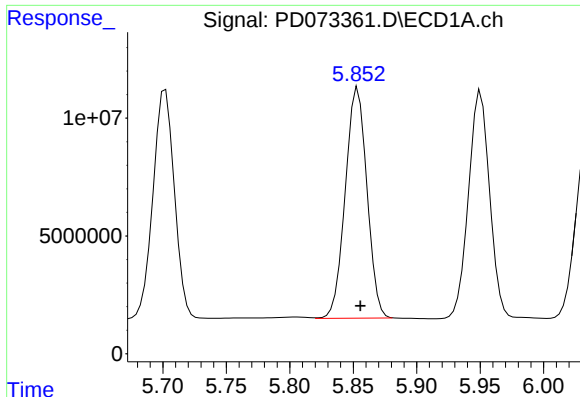
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 128866962
Conc: 50.19 ng/ml



#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 1708343224
Conc: 52.00 ng/ml



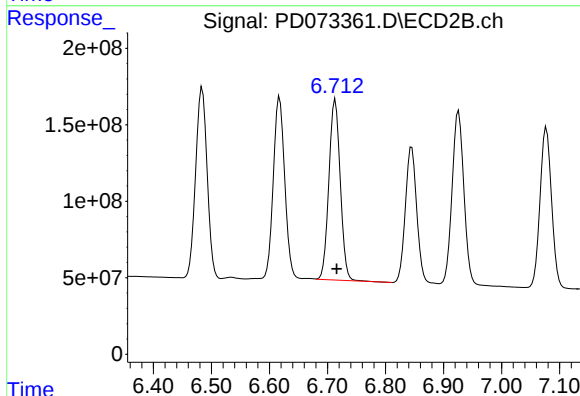
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 116331606
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
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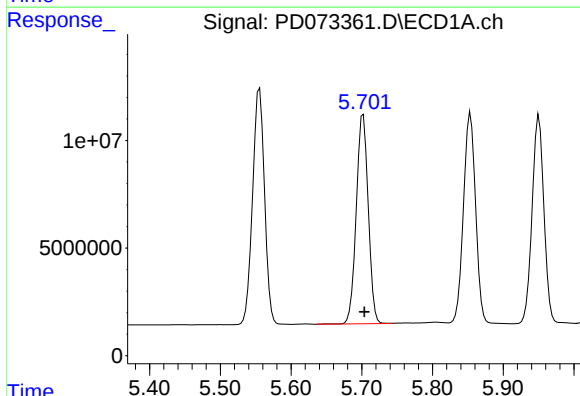
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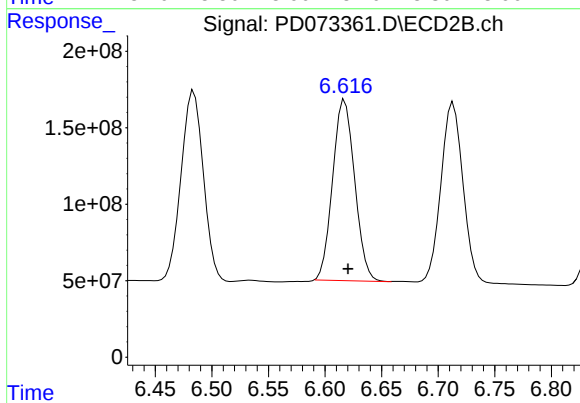
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 1602720779
Conc: 50.45 ng/ml



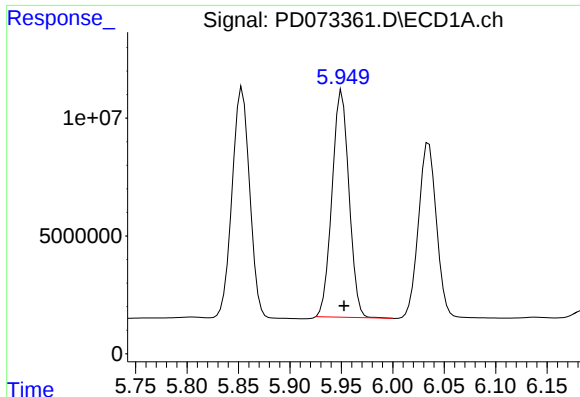
#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 114526386
Conc: 50.78 ng/ml



#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.003 min
Response: 1602399752
Conc: 51.29 ng/ml



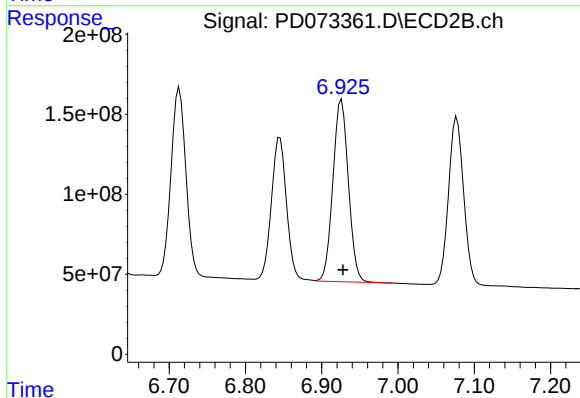
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 110565055
Conc: 49.91 ng/ml

Instrument :
ECD_D
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PSTDCCC050

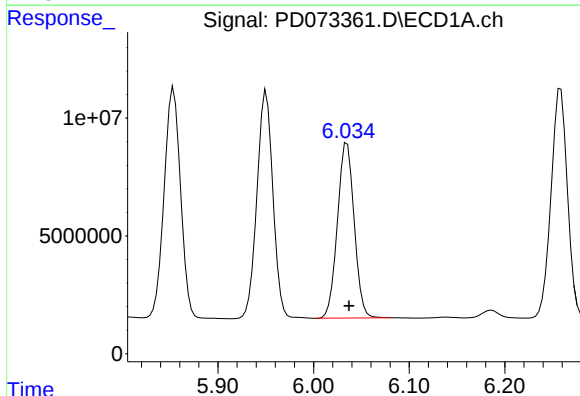
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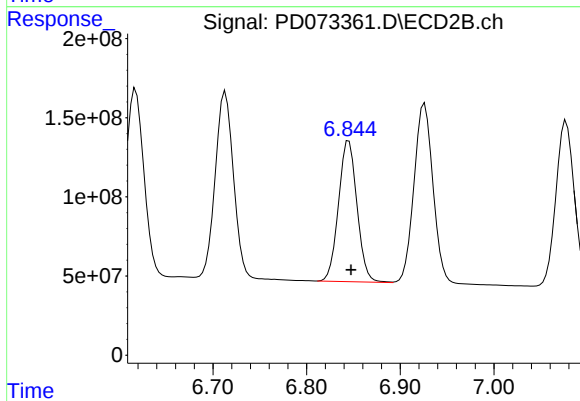
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 1600401569
Conc: 52.96 ng/ml



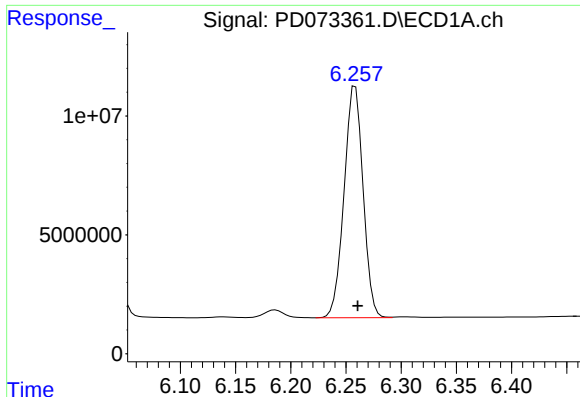
#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 90559731
Conc: 48.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 1223124188
Conc: 52.17 ng/ml



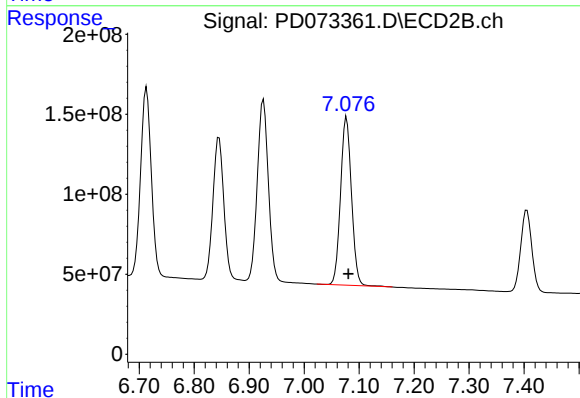
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 116635565
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

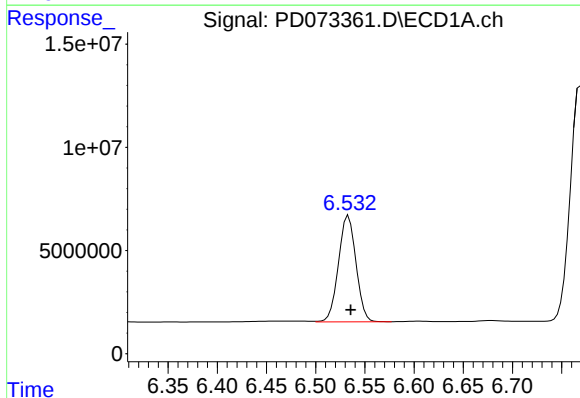
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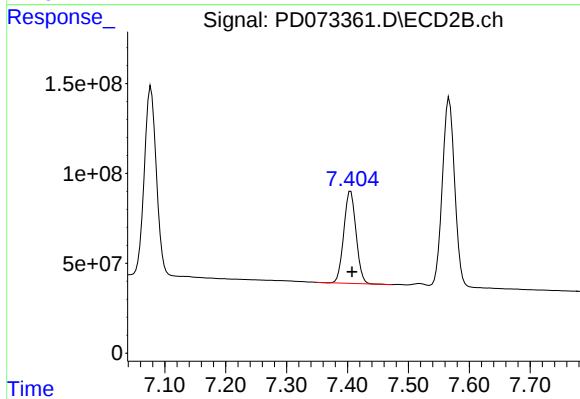
#19 Endosulfan Sulfate

R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 1452687985
Conc: 53.10 ng/ml



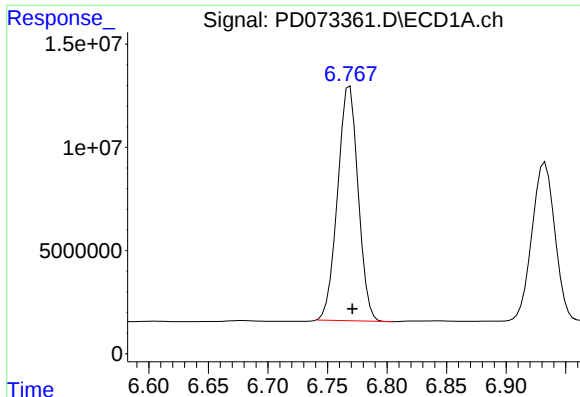
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 63809697
Conc: 47.88 ng/ml



#20 Methoxychlor

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 716692703
Conc: 52.95 ng/ml



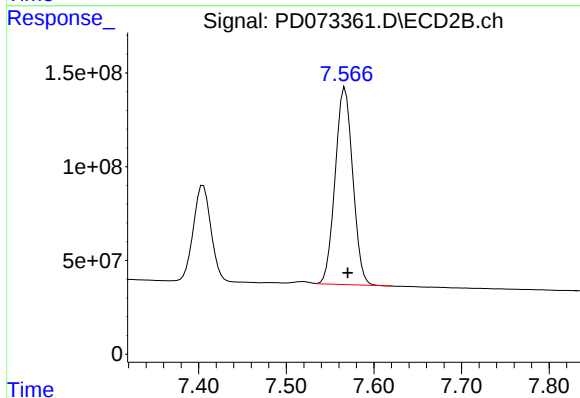
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 136295649
Conc: 50.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

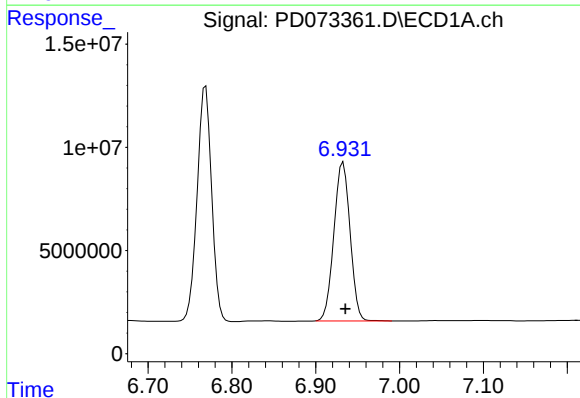
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2022
Supervised By :Ankita Jodhani 12/20/2022



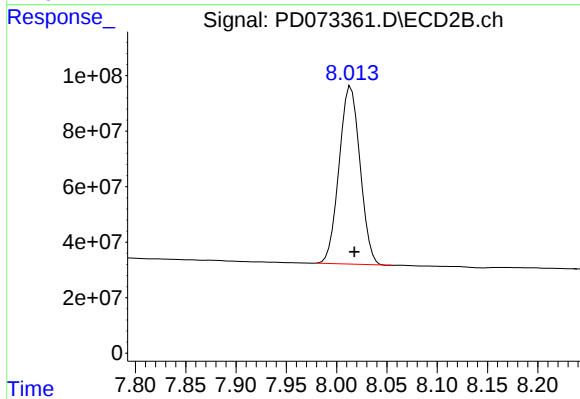
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1468390542
Conc: 53.48 ng/ml



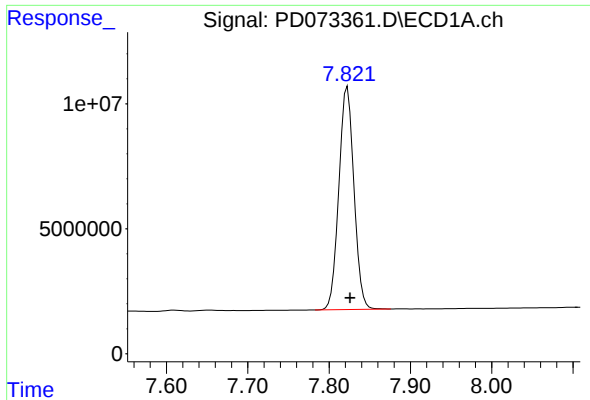
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 103063888
Conc: 49.58 ng/ml



#22 Mirex

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 926242882
Conc: 52.96 ng/ml



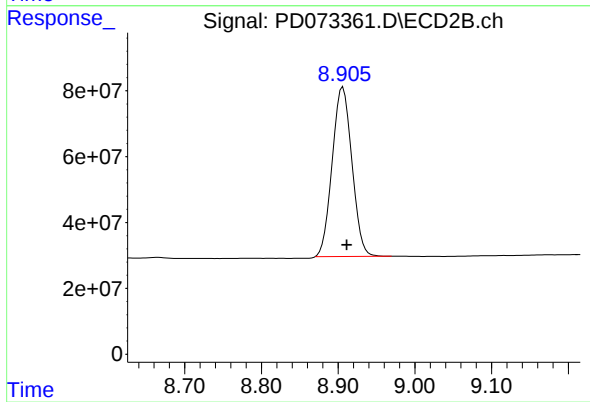
#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 114732060
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/20/2022



#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 920006186
Conc: 52.19 ng/ml