

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
 Data File : PD069015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2022 23:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/08/2022
 Supervised By : mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:05:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 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...	3.447	4.174	53804041	490.8E6	44.313	51.337
28)	SA Decachlor...	8.207	9.374	54056080	292.3E6	42.787	51.585
Target Compounds							
2)	A alpha-BHC	3.887	4.570	82059192	718.9E6	45.322	52.236
3)	MA gamma-BHC...	4.170	4.861	76218171	646.3E6	45.646	51.691
4)	MA Heptachlor	4.468	5.389	72696628	614.5E6	44.126	51.706
5)	MB Aldrin	4.716	5.702	72638416	607.8E6	45.452	52.949
6)	B beta-BHC	4.421	5.024	33432749	283.0E6	44.903	51.546
7)	B delta-BHC	4.625	5.250	74646790	625.2E6	45.677	51.988
8)	B Heptachlo...	5.160	6.089	66910782	617.6E6	44.742	59.142m#
9)	A Endosulfan I	5.499	6.451	62492576	485.9E6	44.661	51.812m
10)	B gamma-Chl...	5.386	6.325	67752425	542.1E6	44.664	52.590m
11)	B alpha-Chl...	5.445	6.400	66687803	543.5E6	44.618	54.585m
12)	B 4,4'-DDE	5.611	6.552	66572813	489.3E6	48.662	52.796
13)	MA Dieldrin	5.743	6.712	65425105	510.6E6	44.808	52.571
14)	MA Endrin	6.002	6.930	58768704	323.0E6	44.613	41.748
15)	B Endosulfa...	6.275	7.137	55346880	393.9E6	44.407	52.112
16)	A 4,4'-DDD	6.129	7.043	54442713	404.4E6	46.168	54.751
17)	MA 4,4'-DDT	6.369	7.346	50468795	383.6E6	41.988	52.219
18)	B Endrin al...	6.445	7.261	43604285	313.6E6	43.923	51.817
19)	B Endosulfa...	6.658	7.486	56974688	388.9E6	44.552	52.879
20)	A Methoxychlor	6.920	7.799	28765278	182.6E6	41.507	50.103
21)	B Endrin ke...	7.152	7.962	64083618	412.1E6	43.530	53.182
22)	Mirex	7.335	8.427	50367166	284.5E6	42.498	51.895

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040822\
Data File : PD069015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Apr 2022 23:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

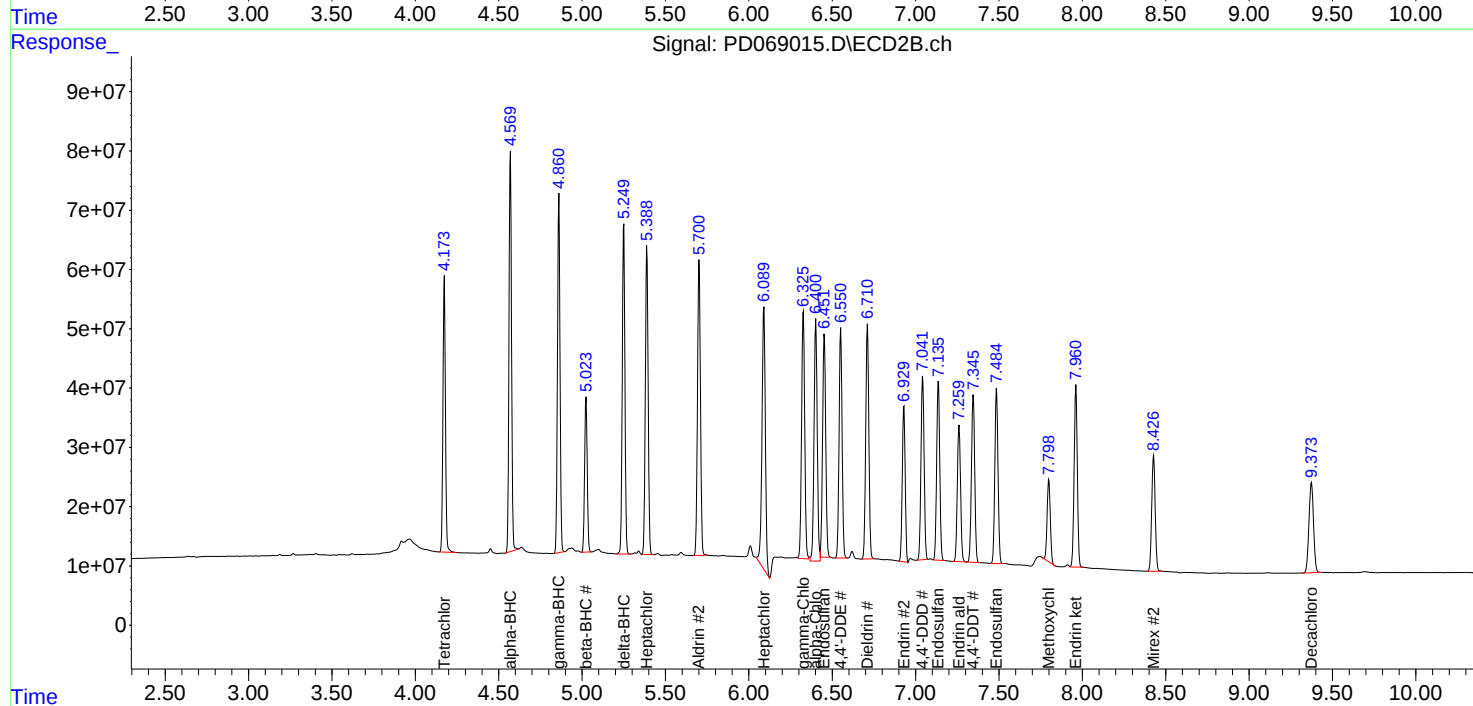
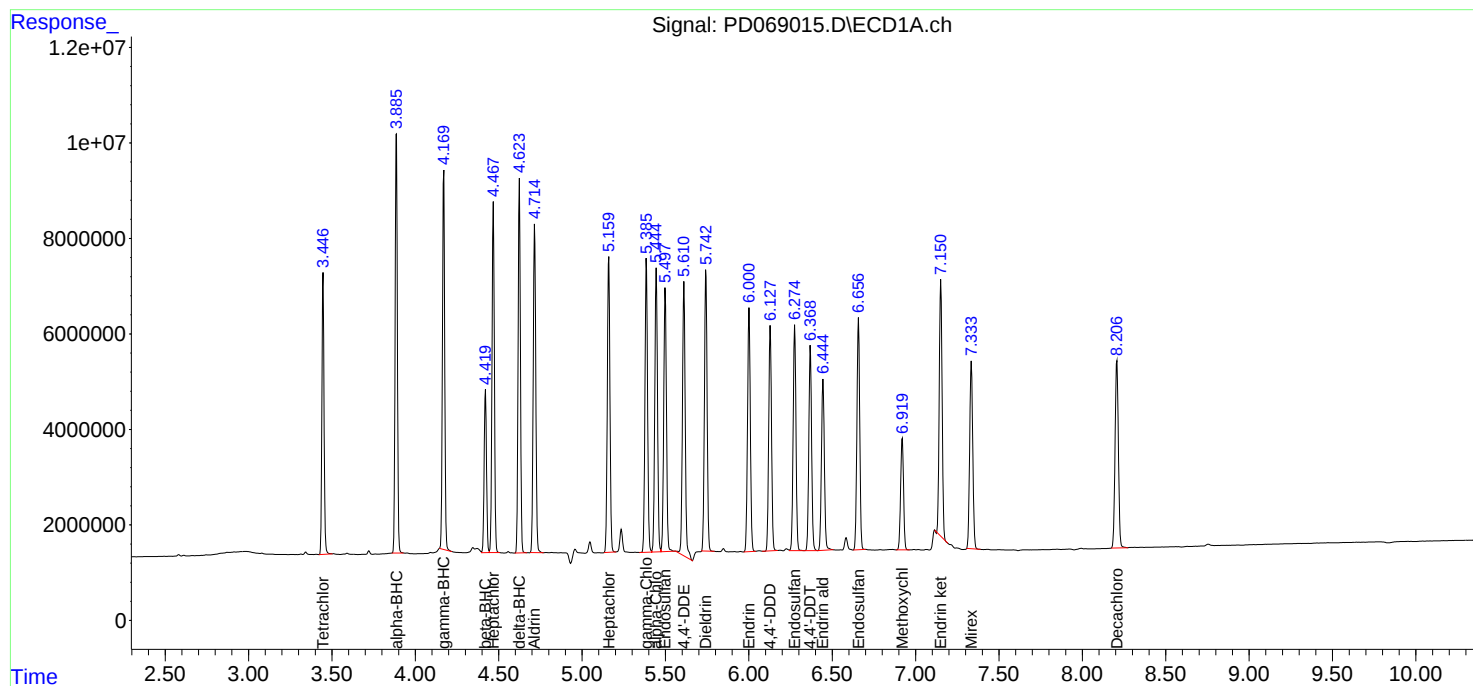
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

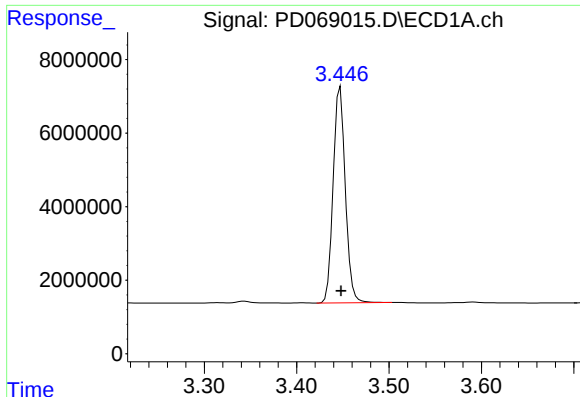
Manual Integrations
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Supervised By : mohammad ahmed 04/08/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 02:05:52 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 03:30:32 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





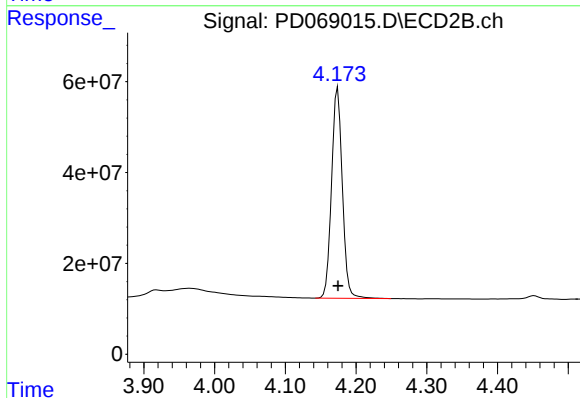
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 53804041
Conc: 44.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

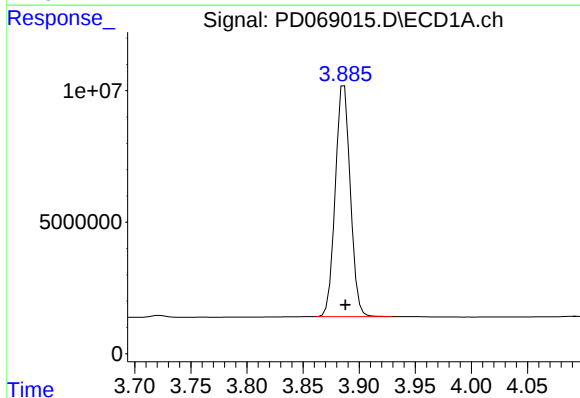
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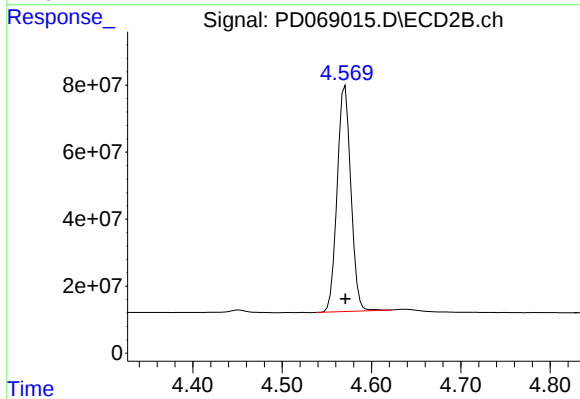
#1 Tetrachloro-m-xylene

R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 490820631
Conc: 51.34 ng/ml



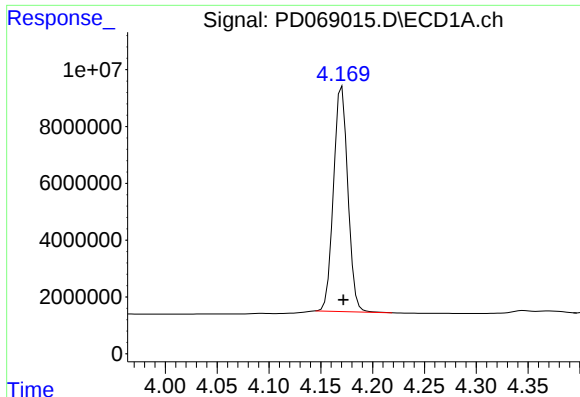
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: -0.001 min
Response: 82059192
Conc: 45.32 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 718912740
Conc: 52.24 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.001 min
Response: 76218171
Conc: 45.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

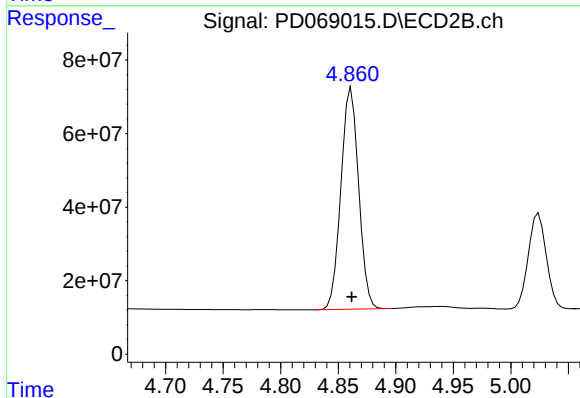
PSTDCCC050

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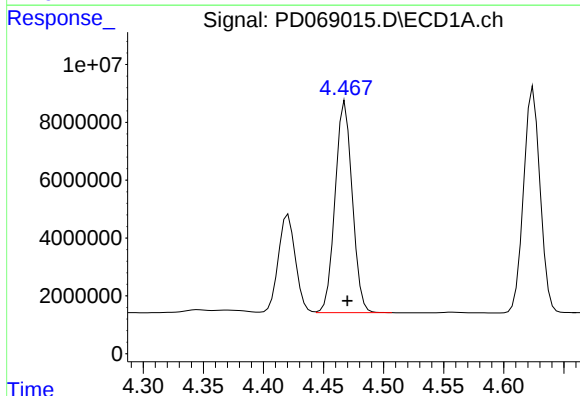
Reviewed By :Abdul Mirza 04/08/2022

Supervised By :mohammad ahmed 04/08/2022



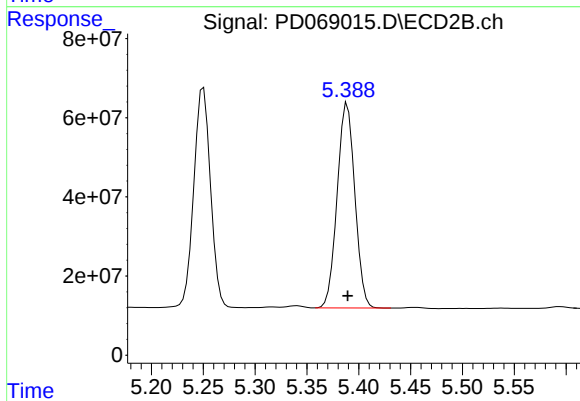
#3 gamma-BHC (Lindane)

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 646302585
Conc: 51.69 ng/ml



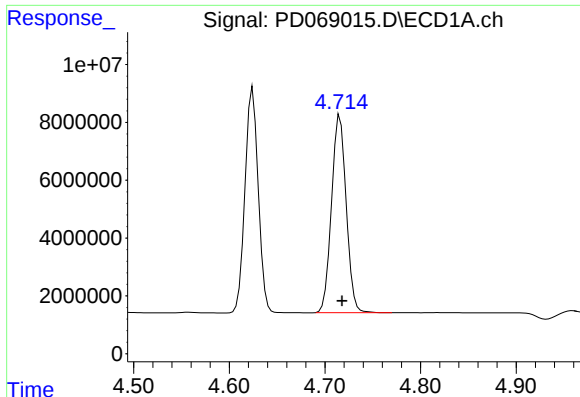
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 72696628
Conc: 44.13 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 614488854
Conc: 51.71 ng/ml



#5 Aldrin

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 72638416
Conc: 45.45 ng/ml

Instrument :

ECD_D

ClientSampleId :

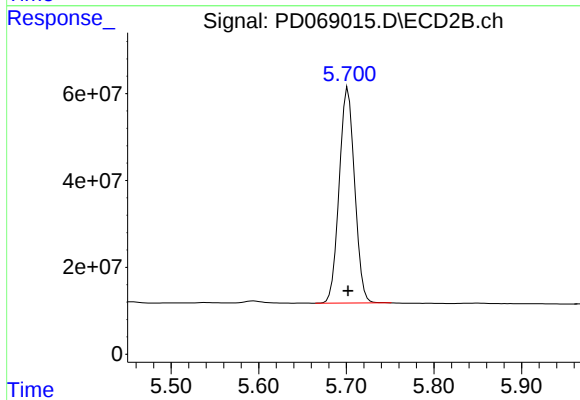
PSTDCCC050

Manual Integrations

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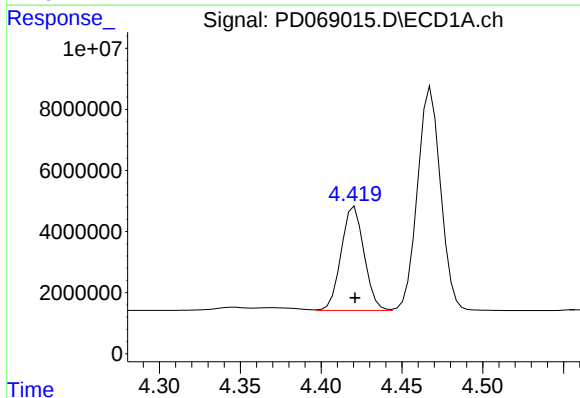
Reviewed By :Abdul Mirza 04/08/2022

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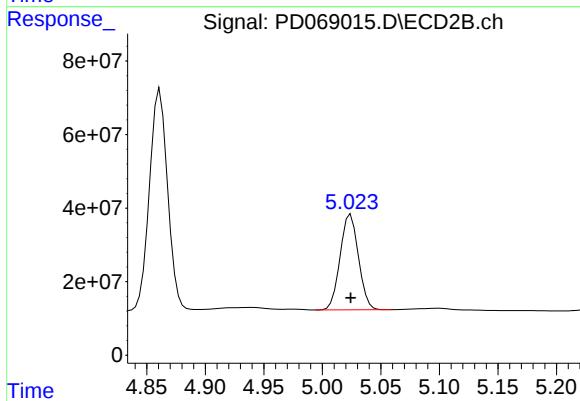
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 607793127
Conc: 52.95 ng/ml



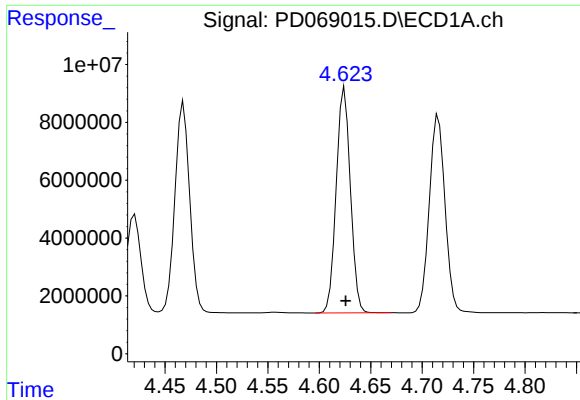
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 33432749
Conc: 44.90 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 282979918
Conc: 51.55 ng/ml



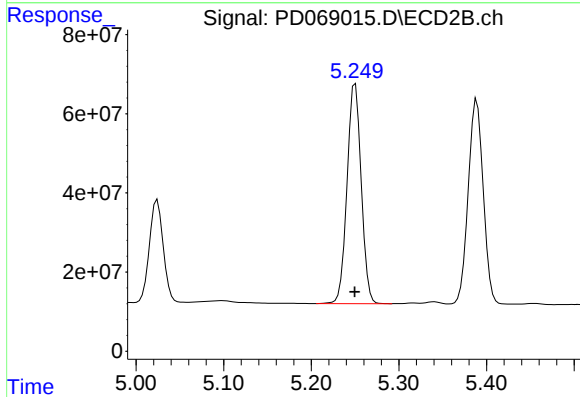
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 74646790
Conc: 45.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

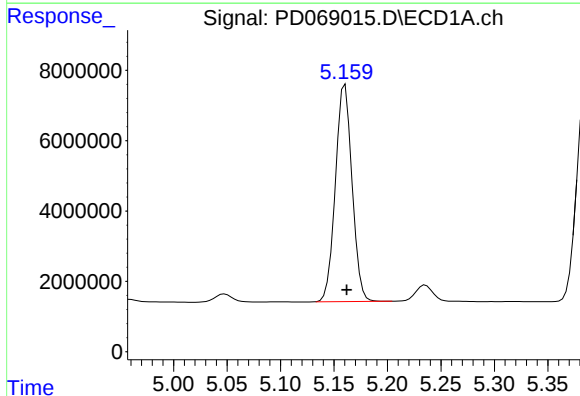
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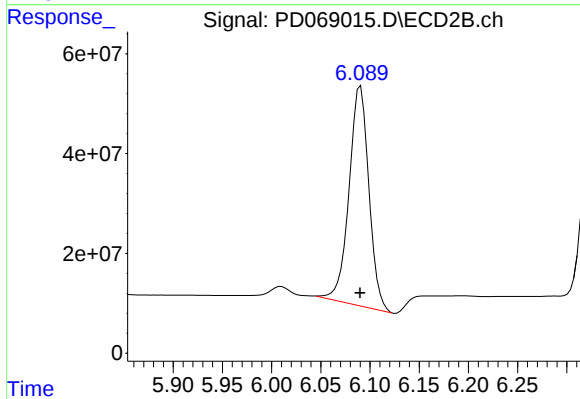
#7 delta-BHC

R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 625193832
Conc: 51.99 ng/ml



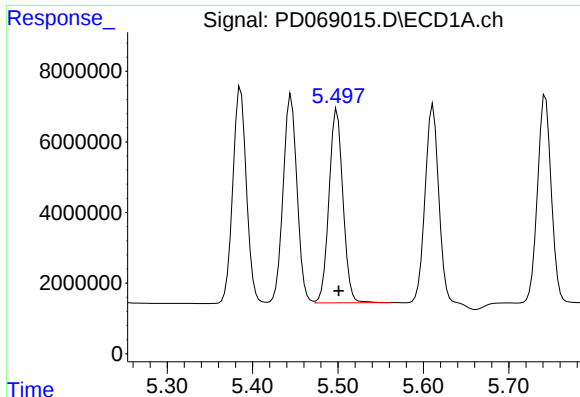
#8 Heptachlor epoxide

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 66910782
Conc: 44.74 ng/ml



#8 Heptachlor epoxide

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 617605910
Conc: 59.14 ng/ml m



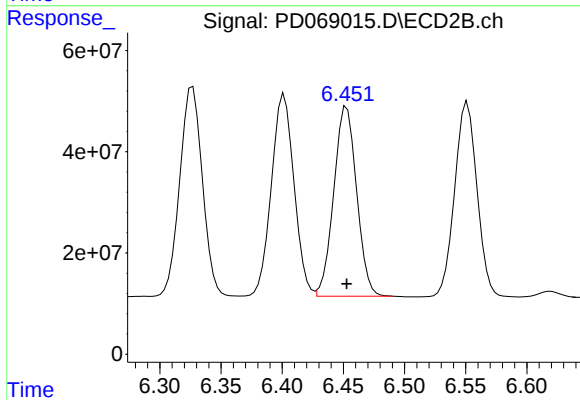
#9 Endosulfan I

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 62492576
Conc: 44.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

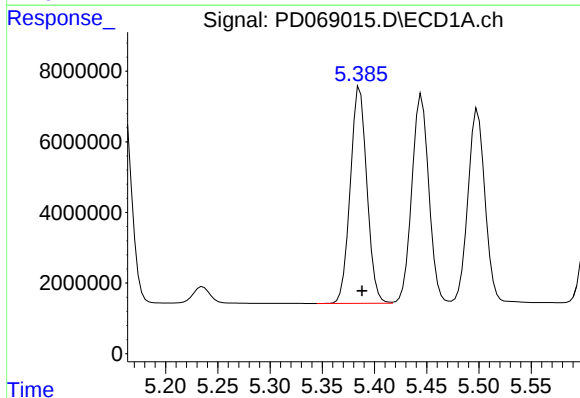
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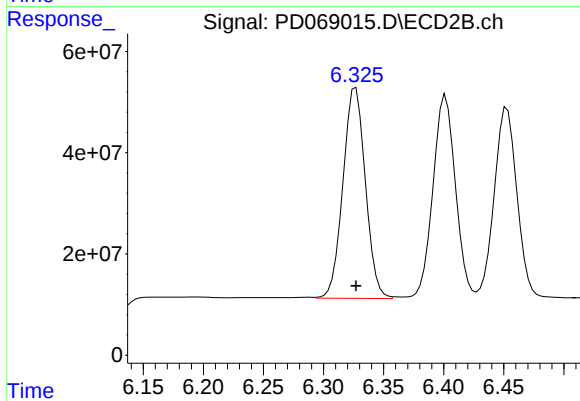
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.001 min
Response: 485903529
Conc: 51.81 ng/ml m



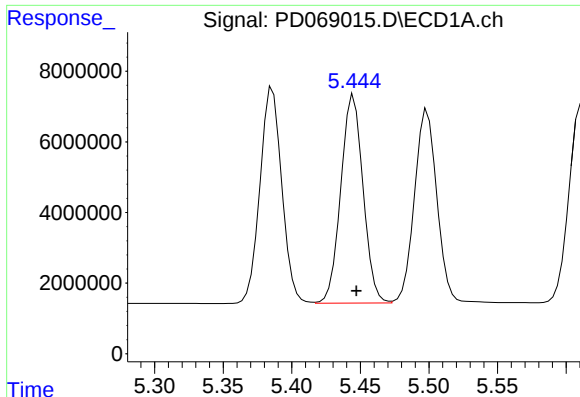
#10 gamma-Chlordane

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 67752425
Conc: 44.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 542050965
Conc: 52.59 ng/ml m



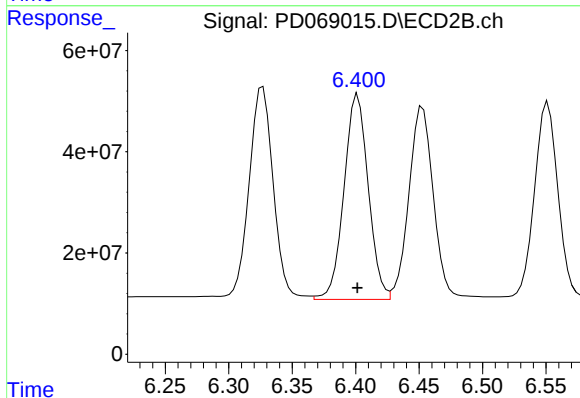
#11 alpha-Chlordane

R.T.: 5.445 min
Delta R.T.: -0.002 min
Response: 66687803
Conc: 44.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

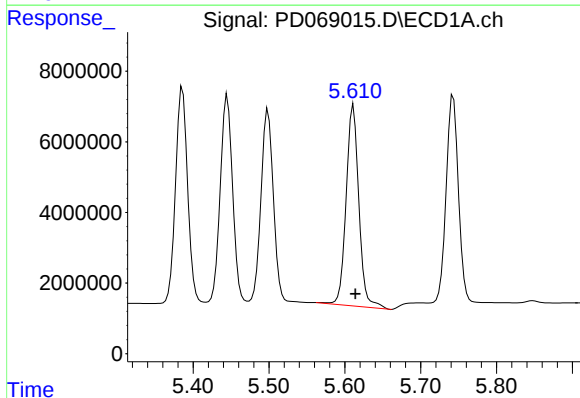
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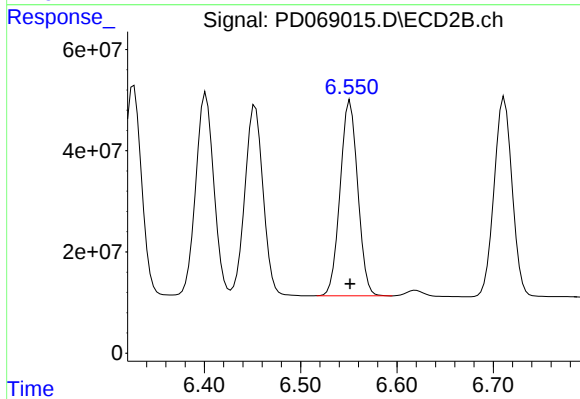
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 543457798
Conc: 54.58 ng/ml m



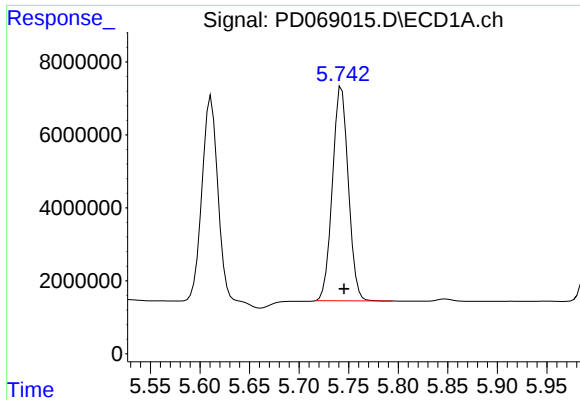
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 66572813
Conc: 48.66 ng/ml



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 489252236
Conc: 52.80 ng/ml



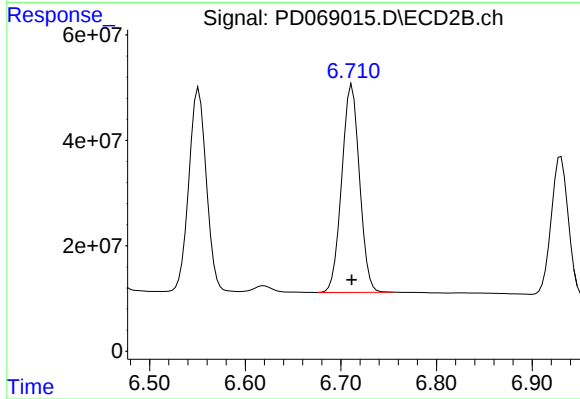
#13 Dieldrin

R.T.: 5.743 min
Delta R.T.: -0.002 min
Response: 65425105
Conc: 44.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

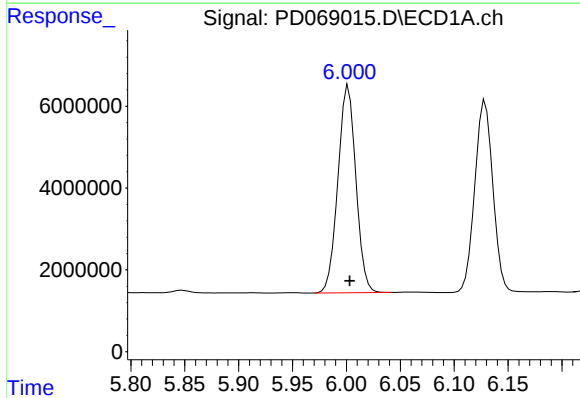
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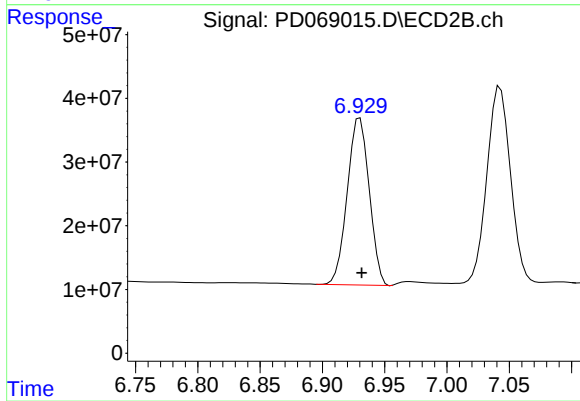
#13 Dieldrin

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 510629305
Conc: 52.57 ng/ml



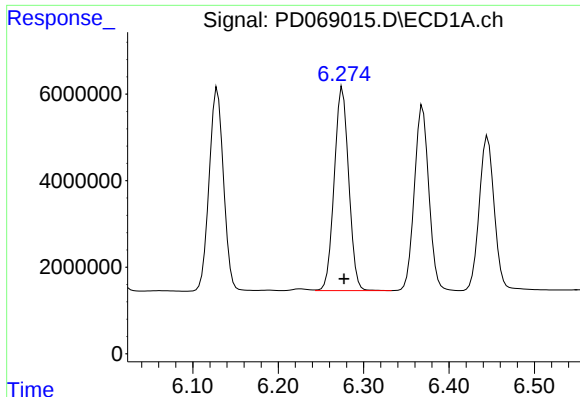
#14 Endrin

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 58768704
Conc: 44.61 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 323028638
Conc: 41.75 ng/ml



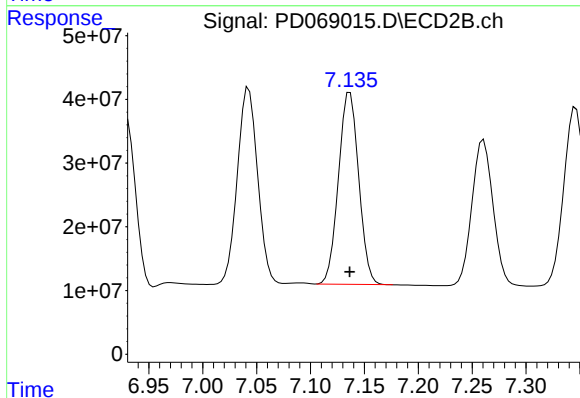
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 55346880
Conc: 44.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

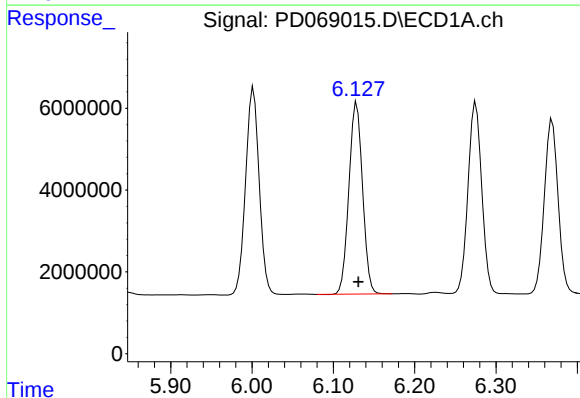
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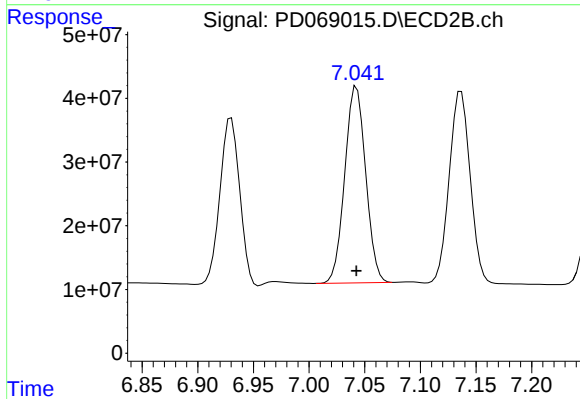
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 393892867
Conc: 52.11 ng/ml



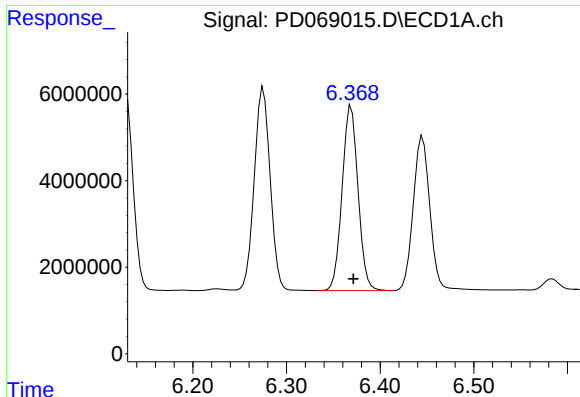
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 54442713
Conc: 46.17 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 404352933
Conc: 54.75 ng/ml



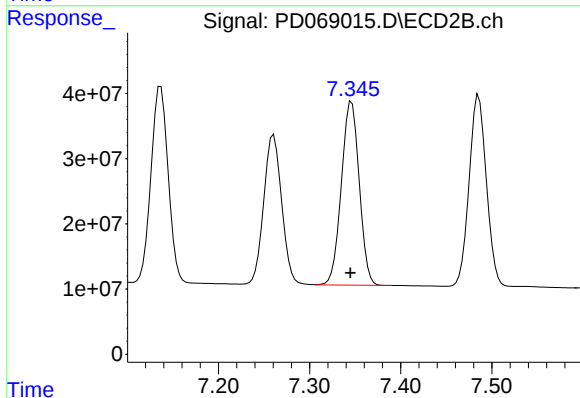
#17 4,4'-DDT

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 50468795
Conc: 41.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

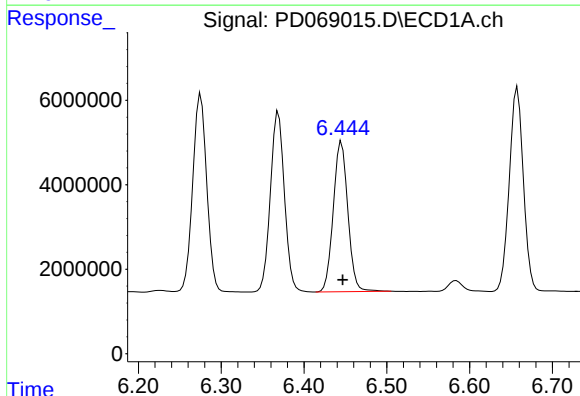
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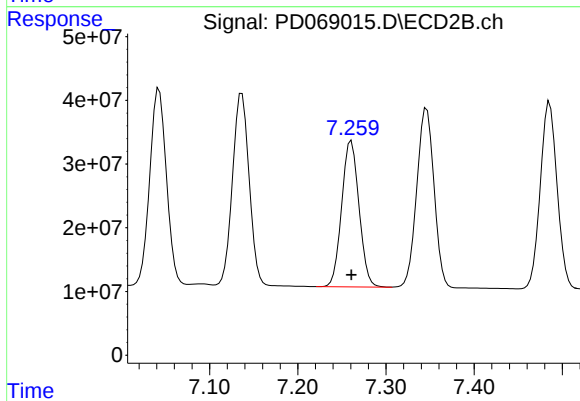
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.001 min
Response: 383642808
Conc: 52.22 ng/ml



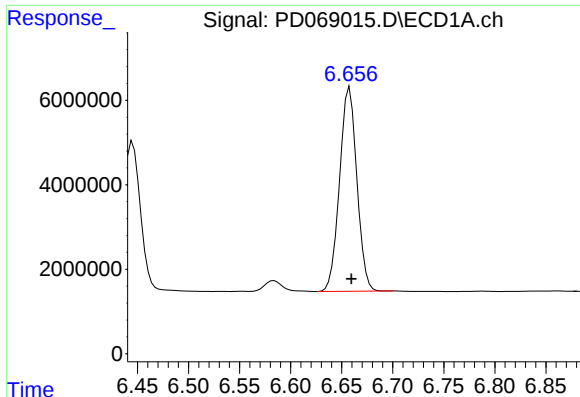
#18 Endrin aldehyde

R.T.: 6.445 min
Delta R.T.: -0.001 min
Response: 43604285
Conc: 43.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 313583490
Conc: 51.82 ng/ml



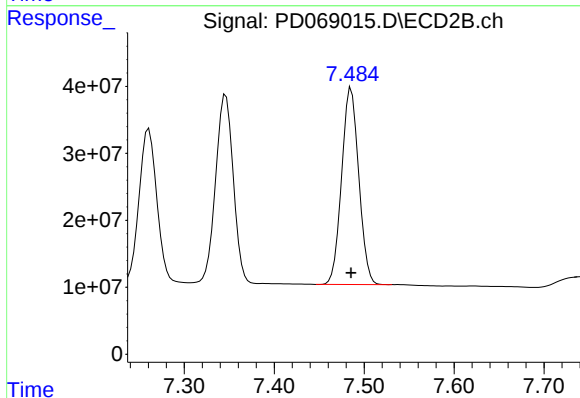
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 56974688
Conc: 44.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

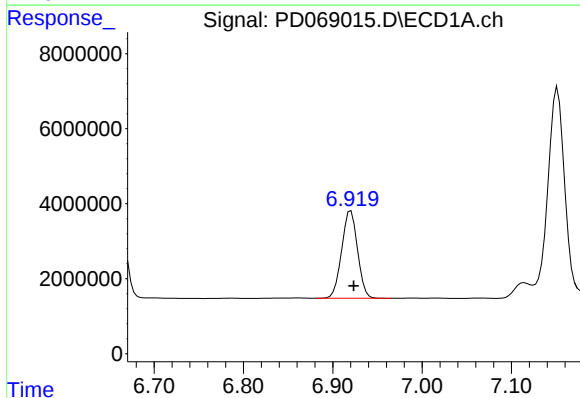
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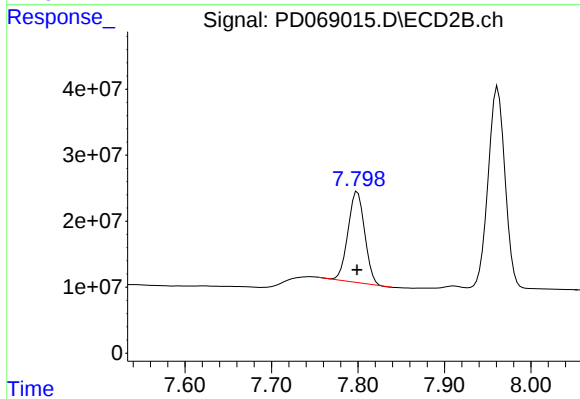
#19 Endosulfan Sulfate

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 388925736
Conc: 52.88 ng/ml



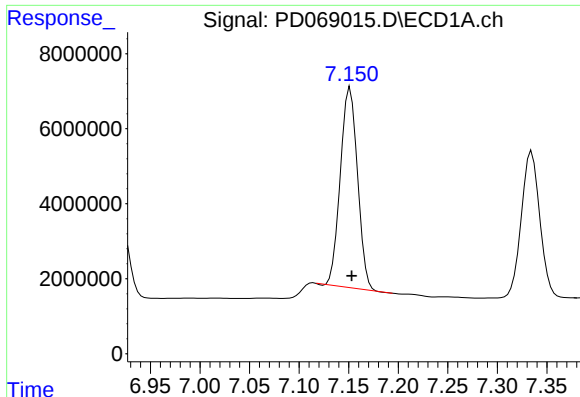
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 28765278
Conc: 41.51 ng/ml



#20 Methoxychlor

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 182640149
Conc: 50.10 ng/ml



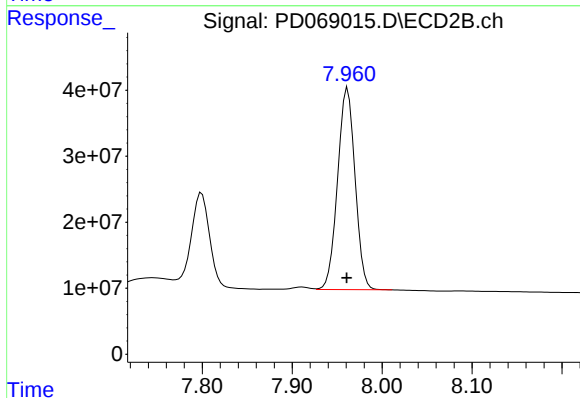
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.001 min
Response: 64083618
Conc: 43.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

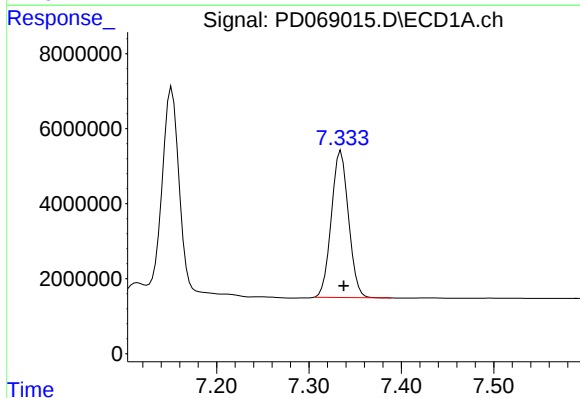
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2022
Supervised By :mohammad ahmed 04/08/2022



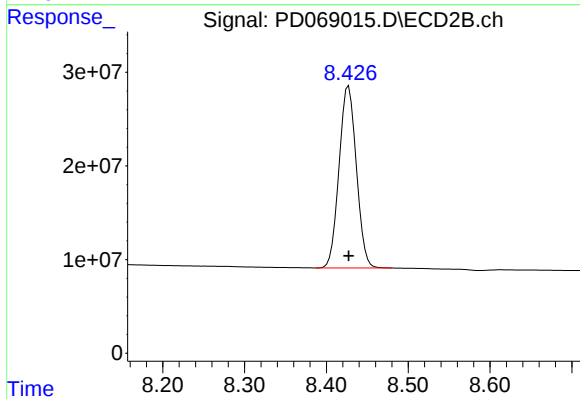
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.000 min
Response: 412093886
Conc: 53.18 ng/ml



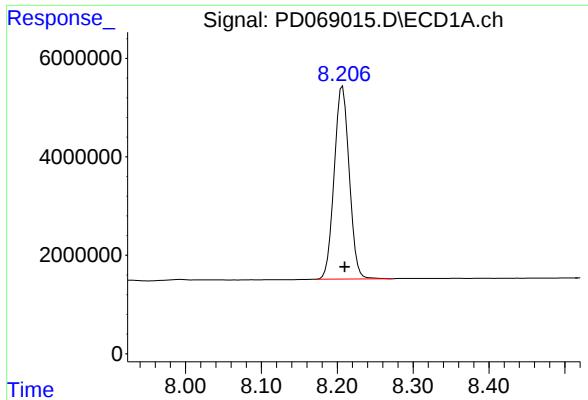
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.003 min
Response: 50367166
Conc: 42.50 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 284455539
Conc: 51.90 ng/ml



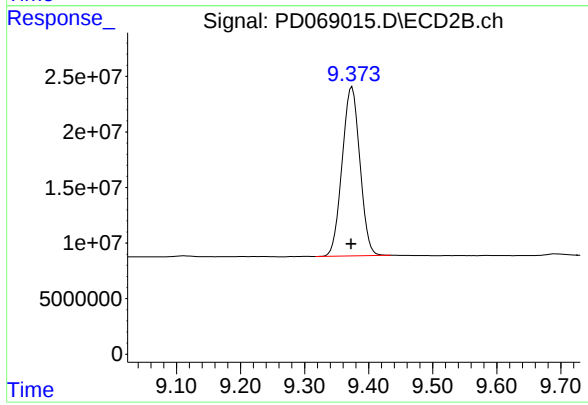
#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 54056080
Conc: 42.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/08/2022
Supervised By :mohammad ahmed 04/08/2022



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 292320666
Conc: 51.59 ng/ml