

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 22:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/01/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:58:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.569	2.806	82399648	125.4E6	51.035	54.181
28)	SA Decachlor...	9.116	7.954	88667671	108.3E6	44.201	44.434
Target Compounds							
2)	A alpha-BHC	4.026	3.309	140.9E6	195.7E6	52.911	56.435
3)	MA gamma-BHC...	4.360	3.639	135.8E6	191.5E6	52.244	56.406
4)	MA Heptachlor	4.953	3.982	130.3E6	175.7E6	48.707	57.526
5)	MB Aldrin	5.297	4.263	125.3E6	183.4E6	48.629	56.067
6)	B beta-BHC	4.553	3.933	54533661	78708993	50.890	55.858
7)	B delta-BHC	4.801	4.164	140.6E6	197.7E6	52.520m	59.049m
8)	B Heptachlo...	5.722	4.765	114.1E6	165.8E6	48.694	55.911
9)	A Endosulfan I	6.109	5.134	110.5E6	144.9E6	50.961	54.715m
10)	B gamma-Chl...	5.978	5.014	117.3E6	162.3E6	51.170	56.558m
11)	B alpha-Chl...	6.058	5.078	116.3E6	159.2E6	51.016	55.463m
12)	B 4,4'-DDE	6.229	5.269	108.6E6	151.5E6	51.409	56.922
13)	MA Dieldrin	6.384	5.400	119.4E6	165.5E6	51.282	55.710
14)	MA Endrin	6.615	5.675	94310851	135.9E6	48.424	53.089
15)	B Endosulfa...	6.832	5.968	100.7E6	137.0E6	49.386	54.857
16)	A 4,4'-DDD	6.746	5.822	89987332	127.6E6	51.189	55.854
17)	MA 4,4'-DDT	7.061	6.074	85950668	120.4E6	45.388	52.579
18)	B Endrin al...	6.960	6.147	73552213	101.0E6	47.628m	54.329
19)	B Endosulfa...	7.197	6.370	94083953	128.6E6	47.323	55.084
20)	A Methoxychlor	7.535	6.649	46231620	65764663	42.191	48.441
21)	B Endrin ke...	7.684	6.876	101.3E6	148.6E6	46.487	53.166
22)	Mirex	8.160	7.061	72203573	111.2E6	42.657	52.038

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 22:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

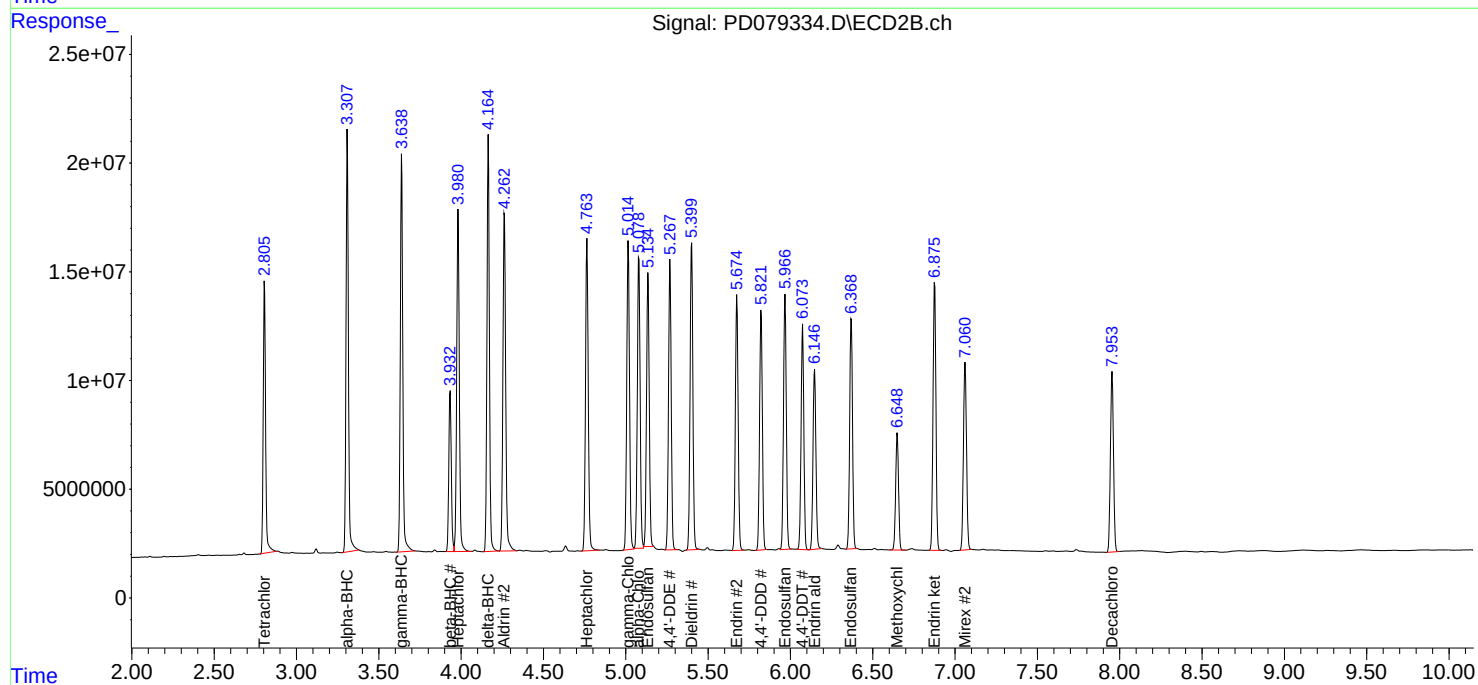
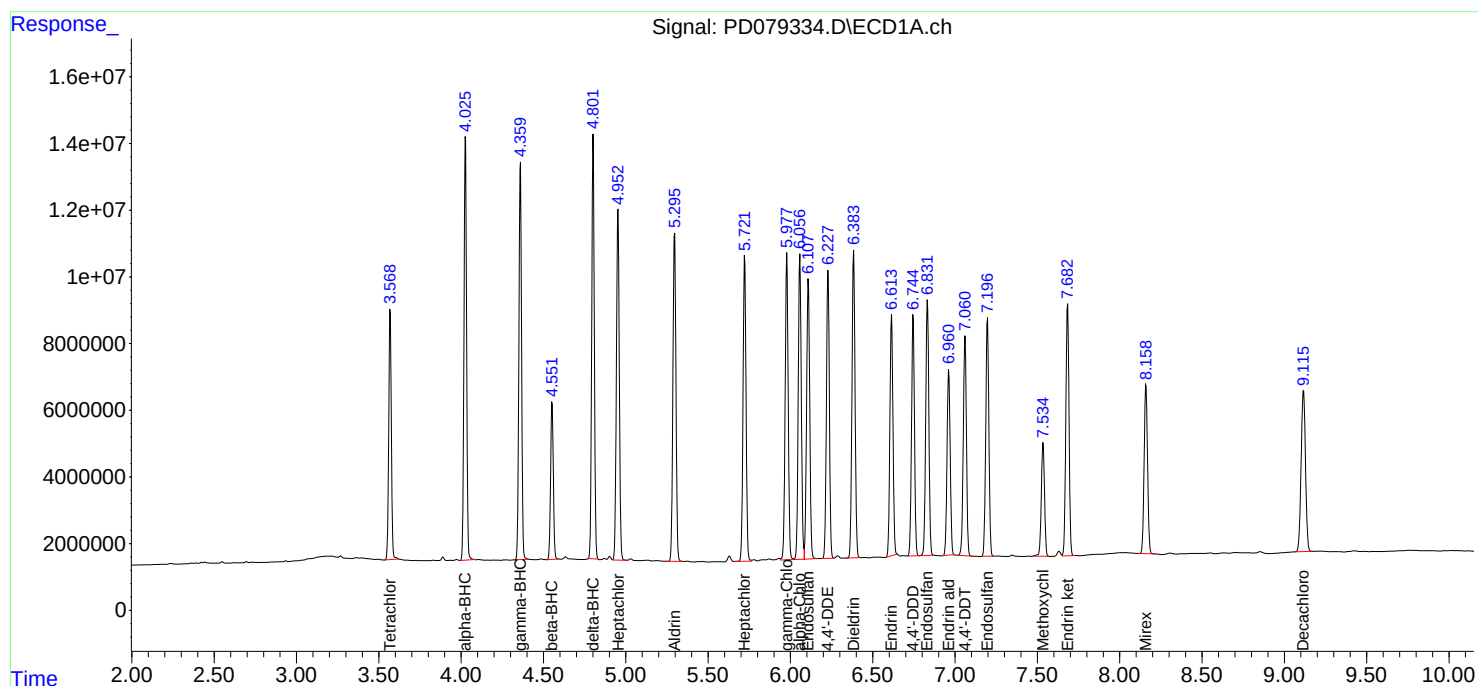
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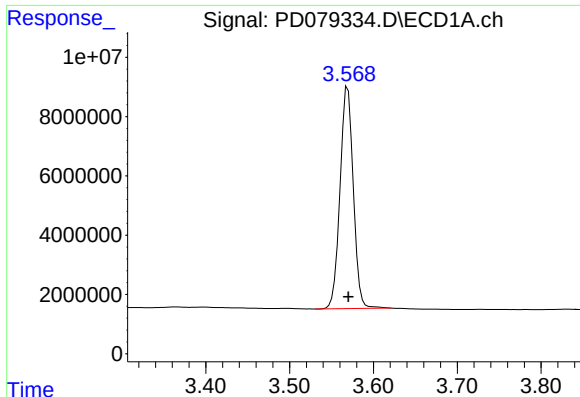
Reviewed By :Abdul Mirza 11/01/2023

Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 05:58:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





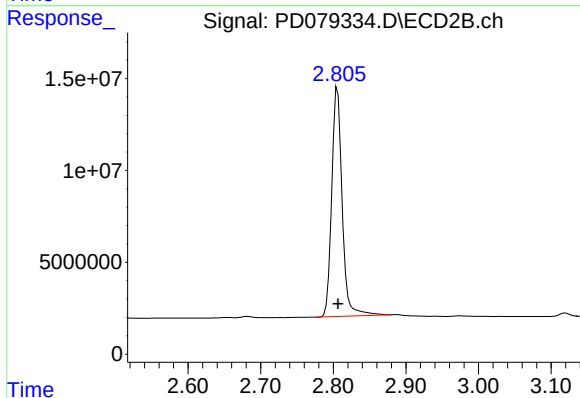
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 82399648
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

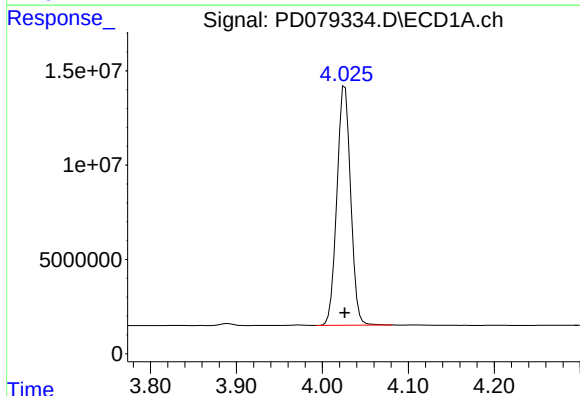
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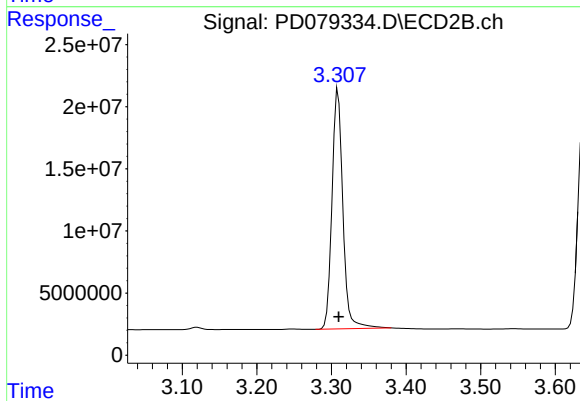
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 125444189
Conc: 54.18 ng/ml



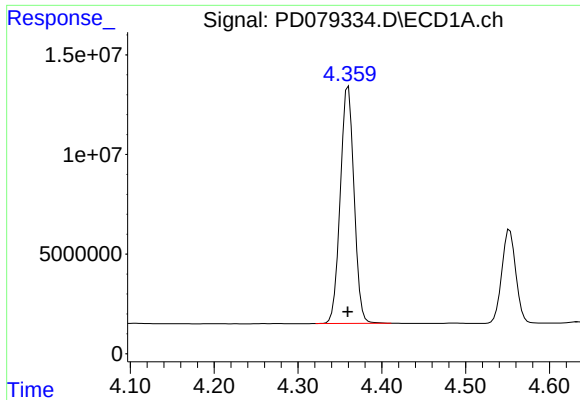
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 140851646
Conc: 52.91 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: -0.001 min
Response: 195684988
Conc: 56.44 ng/ml



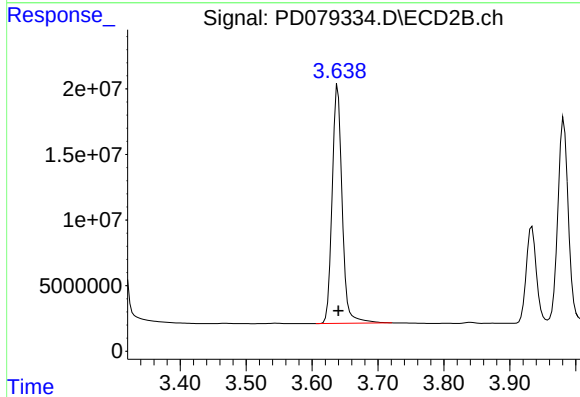
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 135772813
Conc: 52.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

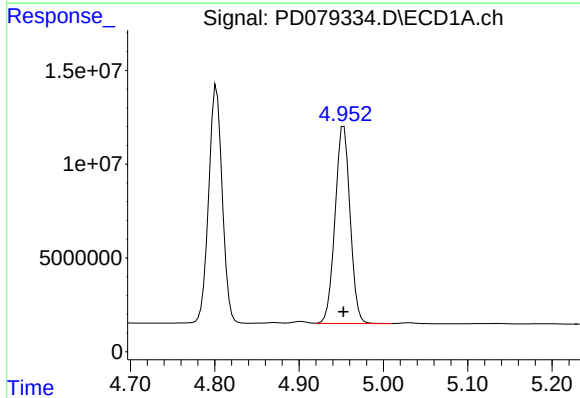
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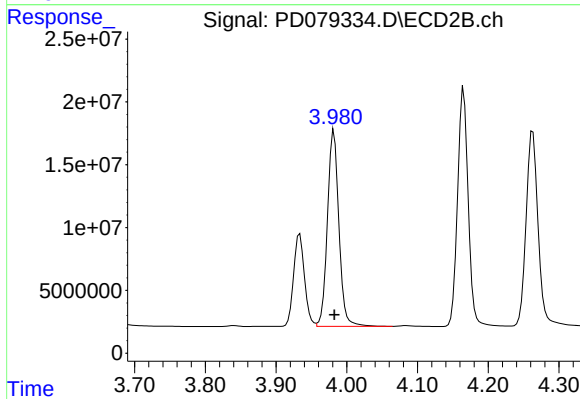
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 191542183
Conc: 56.41 ng/ml



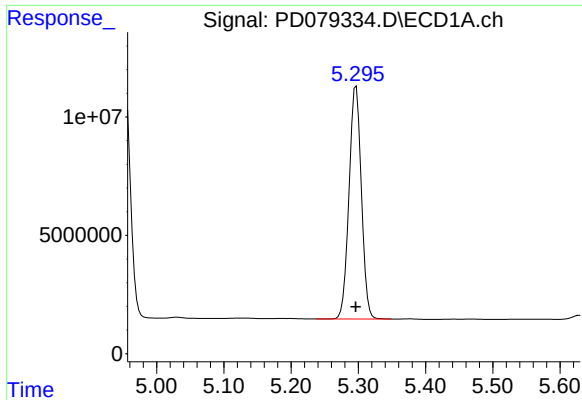
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 130287427
Conc: 48.71 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 175692877
Conc: 57.53 ng/ml



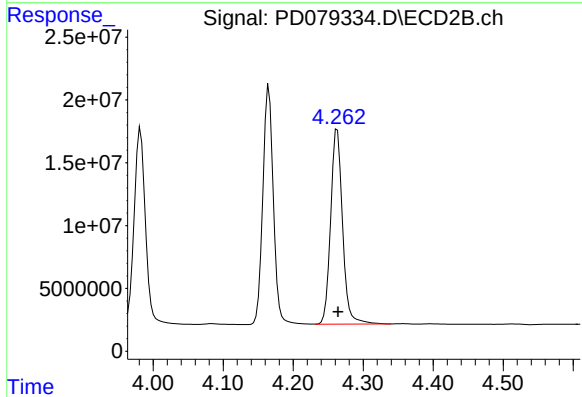
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 125306013
Conc: 48.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

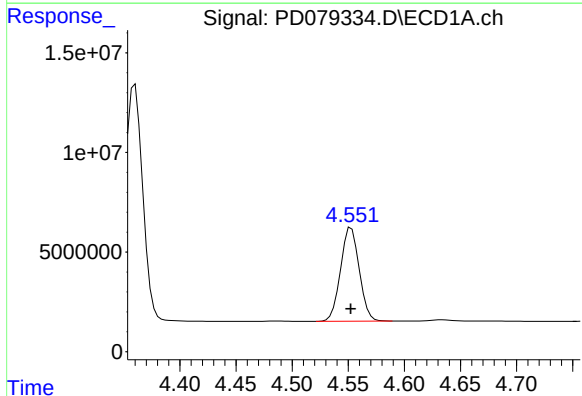
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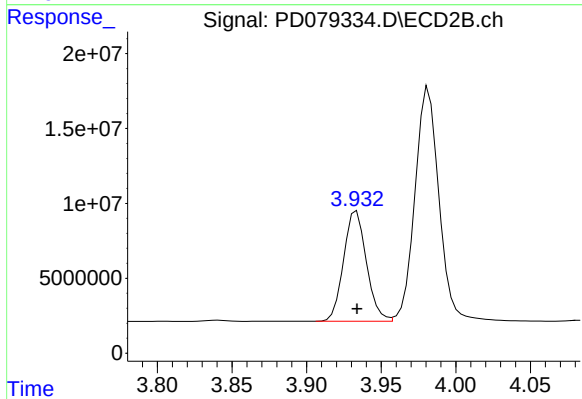
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: -0.001 min
Response: 183413508
Conc: 56.07 ng/ml



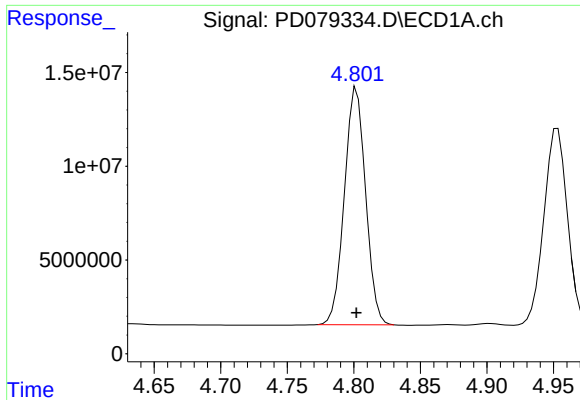
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 54533661
Conc: 50.89 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 78708993
Conc: 55.86 ng/ml



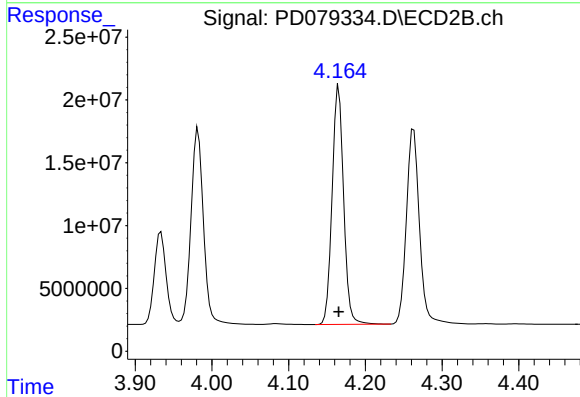
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 140598235
Conc: 52.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

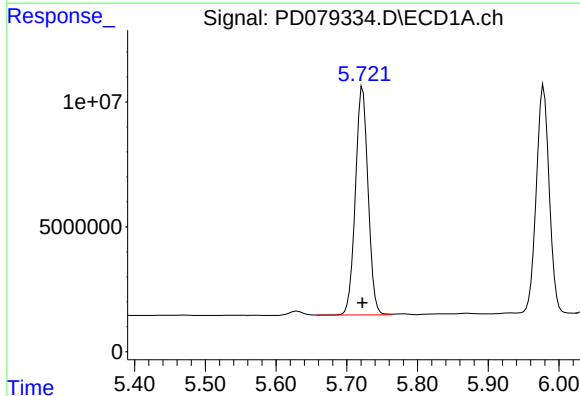
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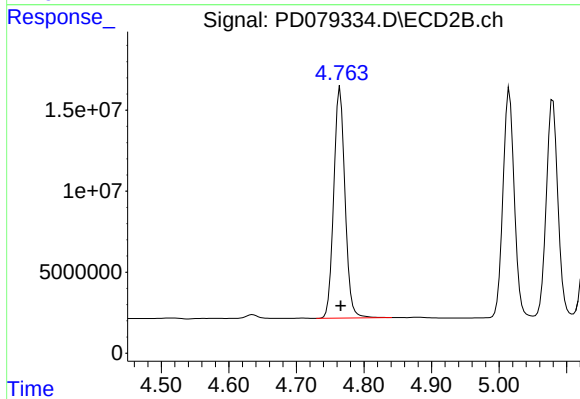
#7 delta-BHC

R.T.: 4.164 min
Delta R.T.: -0.002 min
Response: 197711749
Conc: 59.05 ng/ml m



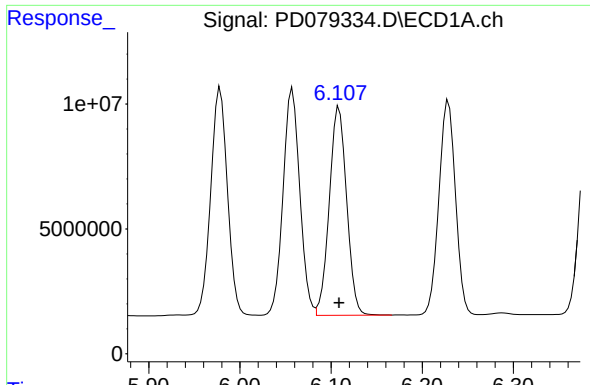
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 114122373
Conc: 48.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 165759474
Conc: 55.91 ng/ml



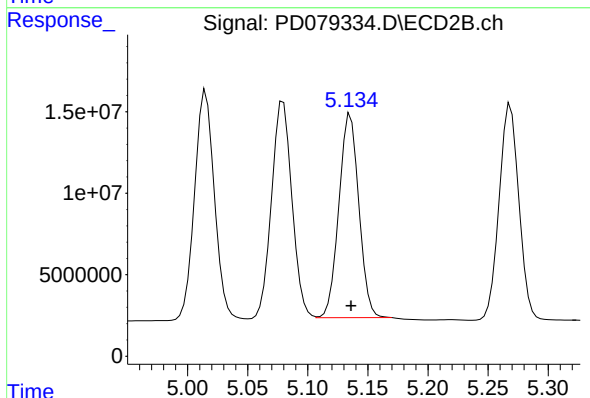
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 110479823
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

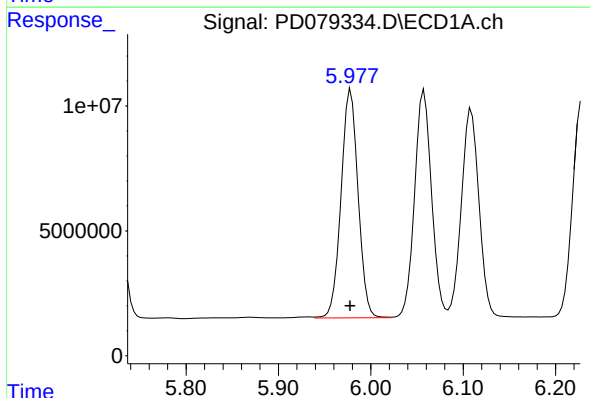
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Reviewed By :Abdul Mirza 11/01/2023
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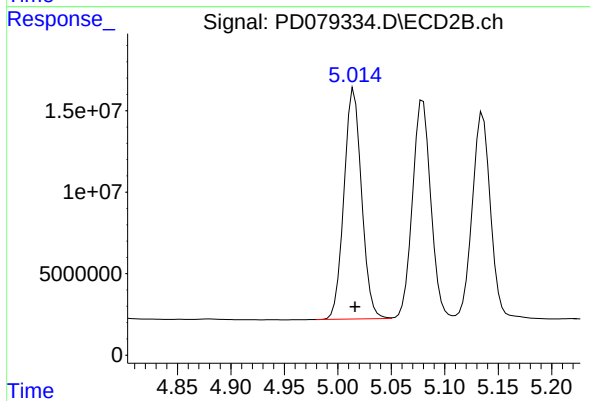
#9 Endosulfan I

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 144870171
Conc: 54.72 ng/ml m



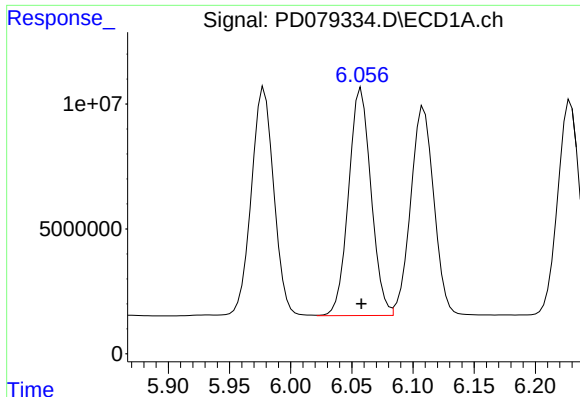
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 117318400
Conc: 51.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 162288977
Conc: 56.56 ng/ml m



#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 116327230
Conc: 51.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

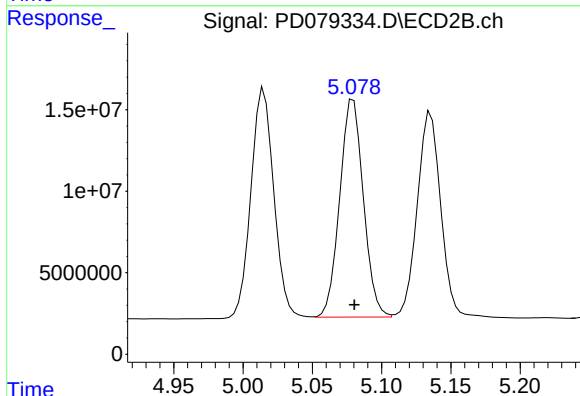
PSTDCCC050

Manual Integrations

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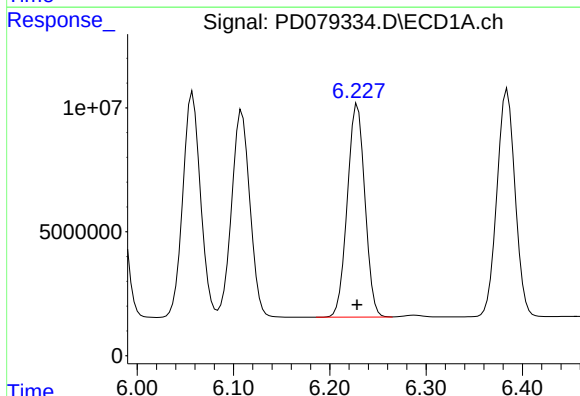
Reviewed By :Abdul Mirza 11/01/2023

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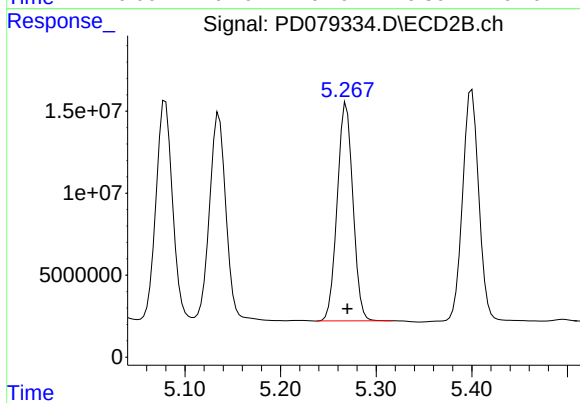
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: -0.002 min
Response: 159170504
Conc: 55.46 ng/ml m



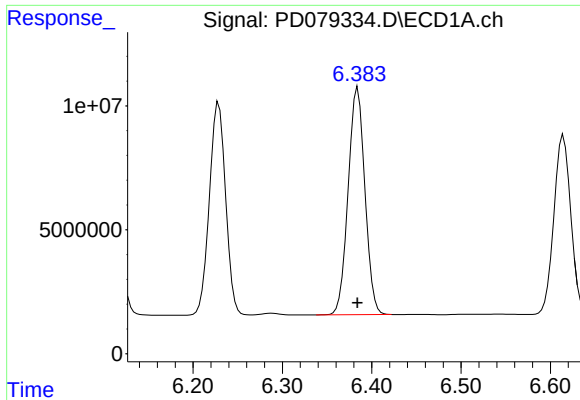
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 108630700
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 151548525
Conc: 56.92 ng/ml



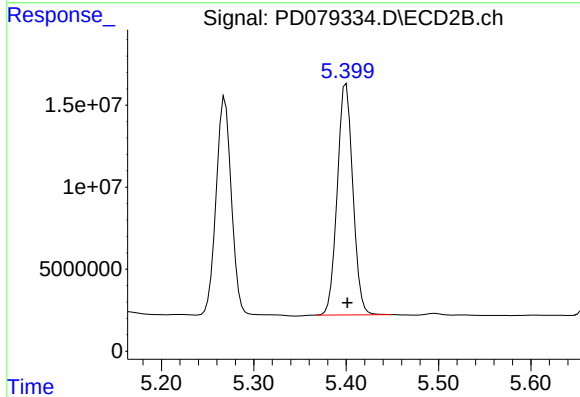
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 119426986
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

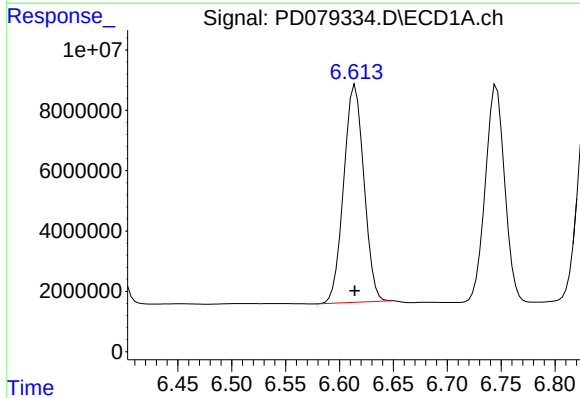
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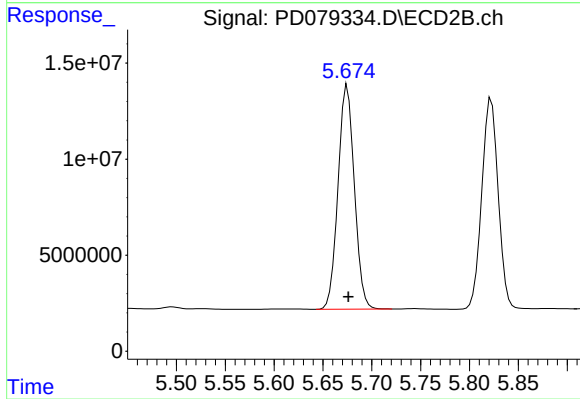
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 165452152
Conc: 55.71 ng/ml



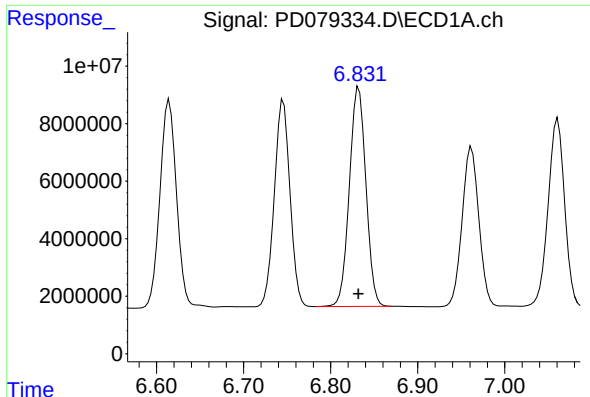
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 94310851
Conc: 48.42 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: -0.001 min
Response: 135860449
Conc: 53.09 ng/ml



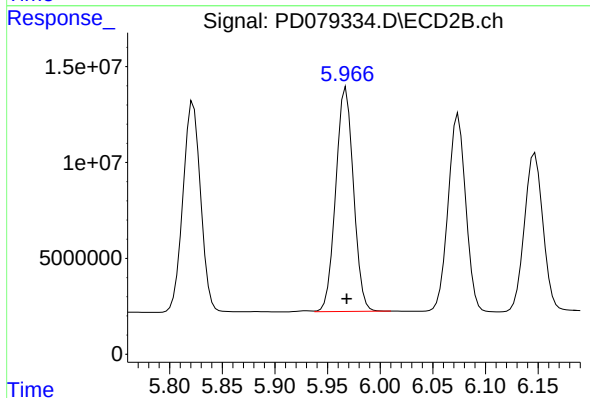
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 100730062
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

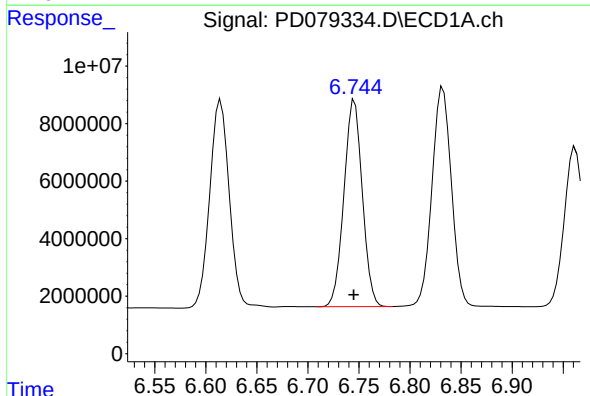
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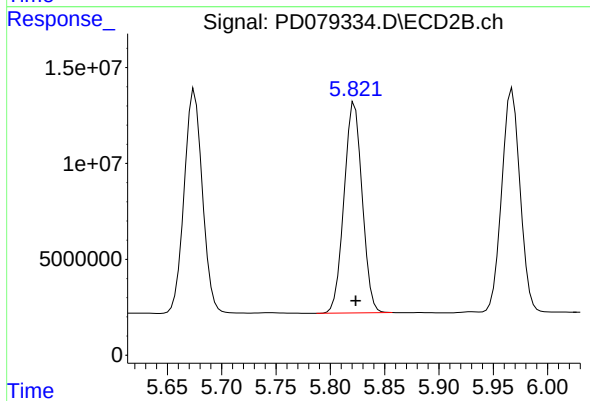
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 136952086
Conc: 54.86 ng/ml



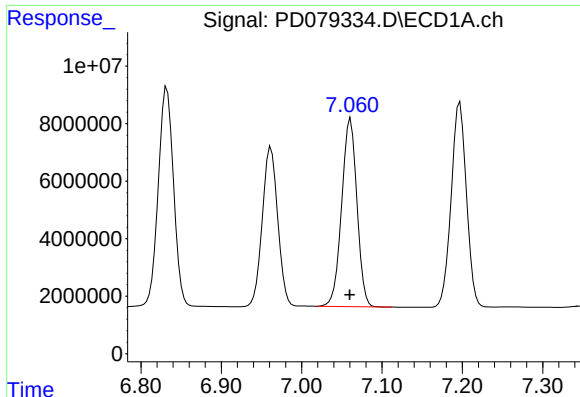
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 89987332
Conc: 51.19 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 127585723
Conc: 55.85 ng/ml



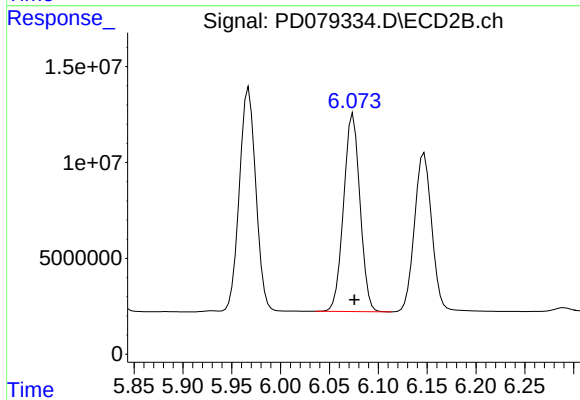
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 85950668
Conc: 45.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

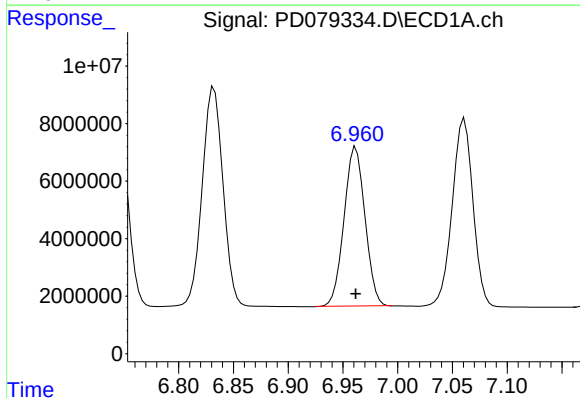
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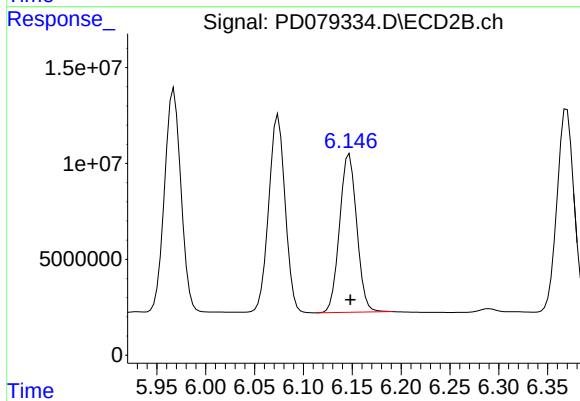
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 120373699
Conc: 52.58 ng/ml



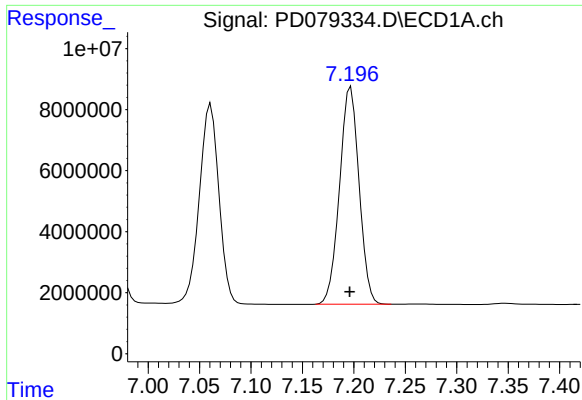
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.001 min
Response: 73552213
Conc: 47.63 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 101014617
Conc: 54.33 ng/ml



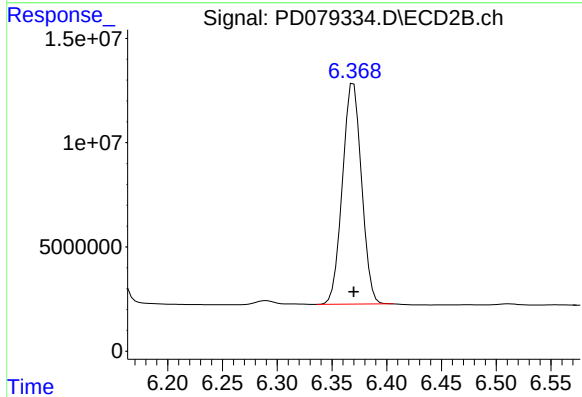
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 94083953
Conc: 47.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

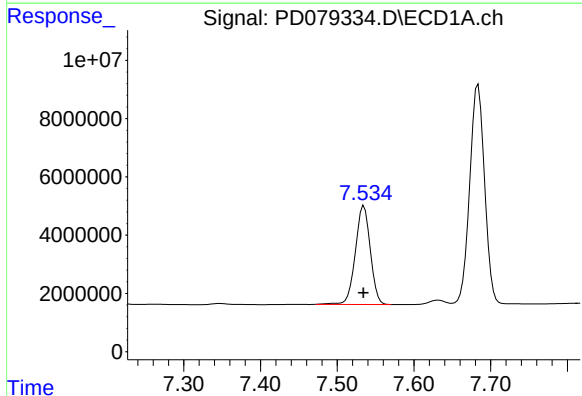
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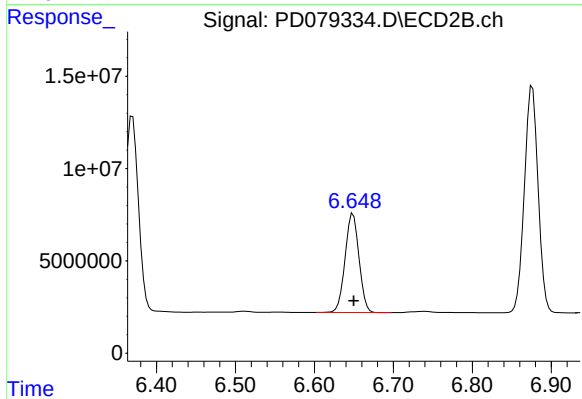
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 128612700
Conc: 55.08 ng/ml



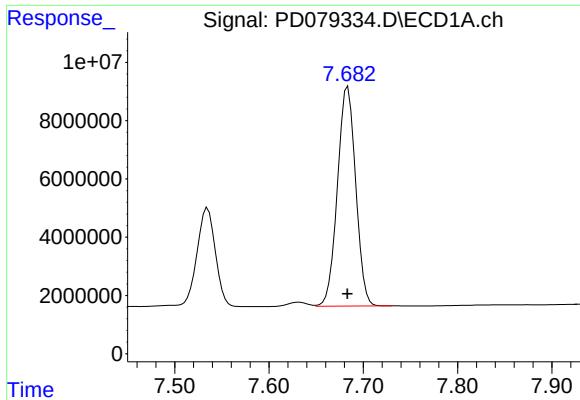
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 46231620
Conc: 42.19 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 65764663
Conc: 48.44 ng/ml



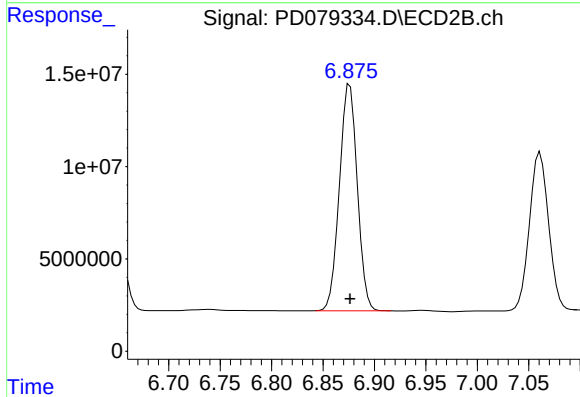
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 101349087
Conc: 46.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

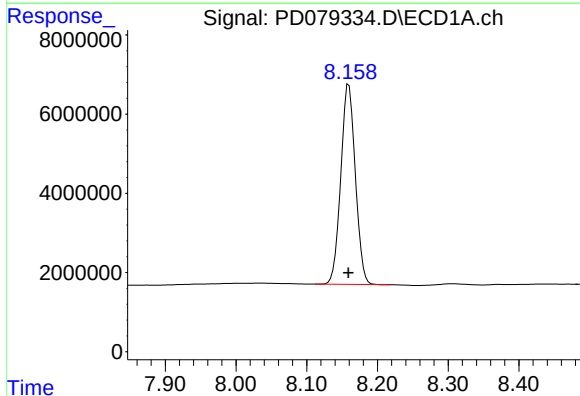
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Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



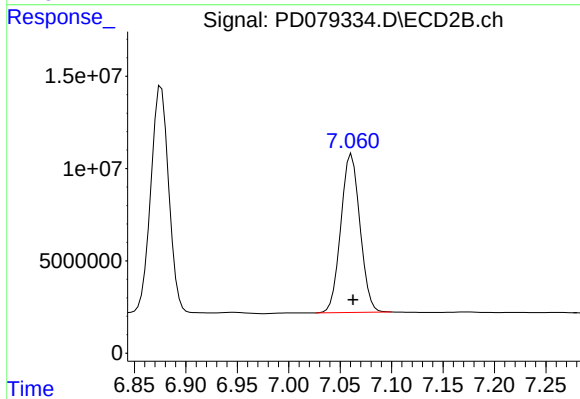
#21 Endrin ketone

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 148639276
Conc: 53.17 ng/ml



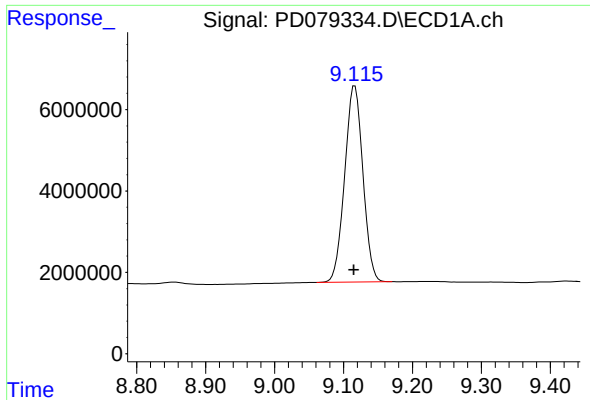
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 72203573
Conc: 42.66 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 111171255
Conc: 52.04 ng/ml



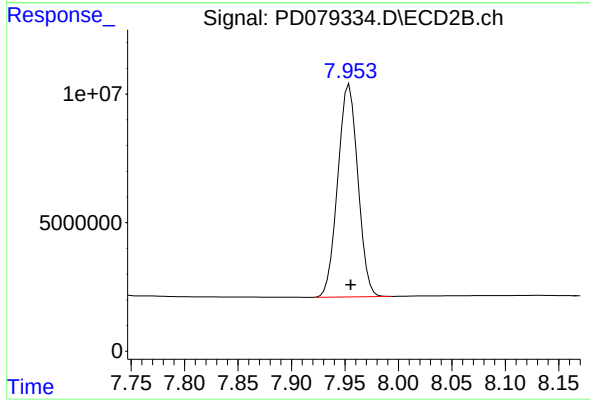
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 88667671
Conc: 44.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 108306235
Conc: 44.43 ng/ml