

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
 Data File : PD076324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2023 16:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2023
 Supervised By : Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 01:33:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 01:27:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.548	2.764	161.9E6	77872540	49.400	49.022
28)	SA Decachlor...	9.089	7.909	173.0E6	61055279	48.648	48.514
Target Compounds							
2)	A alpha-BHC	4.005	3.267	298.7E6	122.1E6	51.570	50.672
3)	MA gamma-BHC...	4.338	3.597	269.8E6	112.3E6	51.541	50.446
4)	MA Heptachlor	4.929	3.937	283.1E6	116.1E6	51.471	51.123
5)	MB Aldrin	5.272	4.216	273.5E6	111.1E6	51.159	50.123
6)	B beta-BHC	4.535	3.893	104.5E6	42292123	49.833	47.556
7)	B delta-BHC	4.783	4.123	259.0E6	104.2E6	50.398	49.576
8)	B Heptachlo...	5.699	4.719	239.0E6	99369211	49.609	49.703
9)	A Endosulfan I	6.086	5.089	225.4E6	93423624	50.518	49.888
10)	B gamma-Chl...	5.956	4.970	245.3E6	98419533	50.433	49.427
11)	B alpha-Chl...	6.035	5.034	242.3E6	98418953	50.442	49.527
12)	B 4,4'-DDE	6.207	5.223	215.9E6	74317208	50.856	48.350
13)	MA Dieldrin	6.361	5.354	239.5E6	98496283	51.206	50.006
14)	MA Endrin	6.592	5.630	200.7E6	88820211	50.409	50.320
15)	B Endosulfa...	6.812	5.924	187.1E6	76751349	50.394	49.463
16)	A 4,4'-DDD	6.726	5.778	172.3E6	59731622	51.288	49.423
17)	MA 4,4'-DDT	7.040	6.029	183.6E6	62313153	52.218	51.486
18)	B Endrin al...	6.940	6.104	135.9E6	56273538	49.574m	49.241
19)	B Endosulfa...	7.177	6.327	185.7E6	74546421	50.260	49.062
20)	A Methoxychlor	7.516	6.605	97096640	32828192	50.802	51.406
21)	B Endrin ke...	7.663	6.834	211.4E6	87181195	50.648	49.879
22)	Mirex	8.138	7.015	157.0E6	72687182	49.676	49.038

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070423\
 Data File : PD076324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jul 2023 16:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

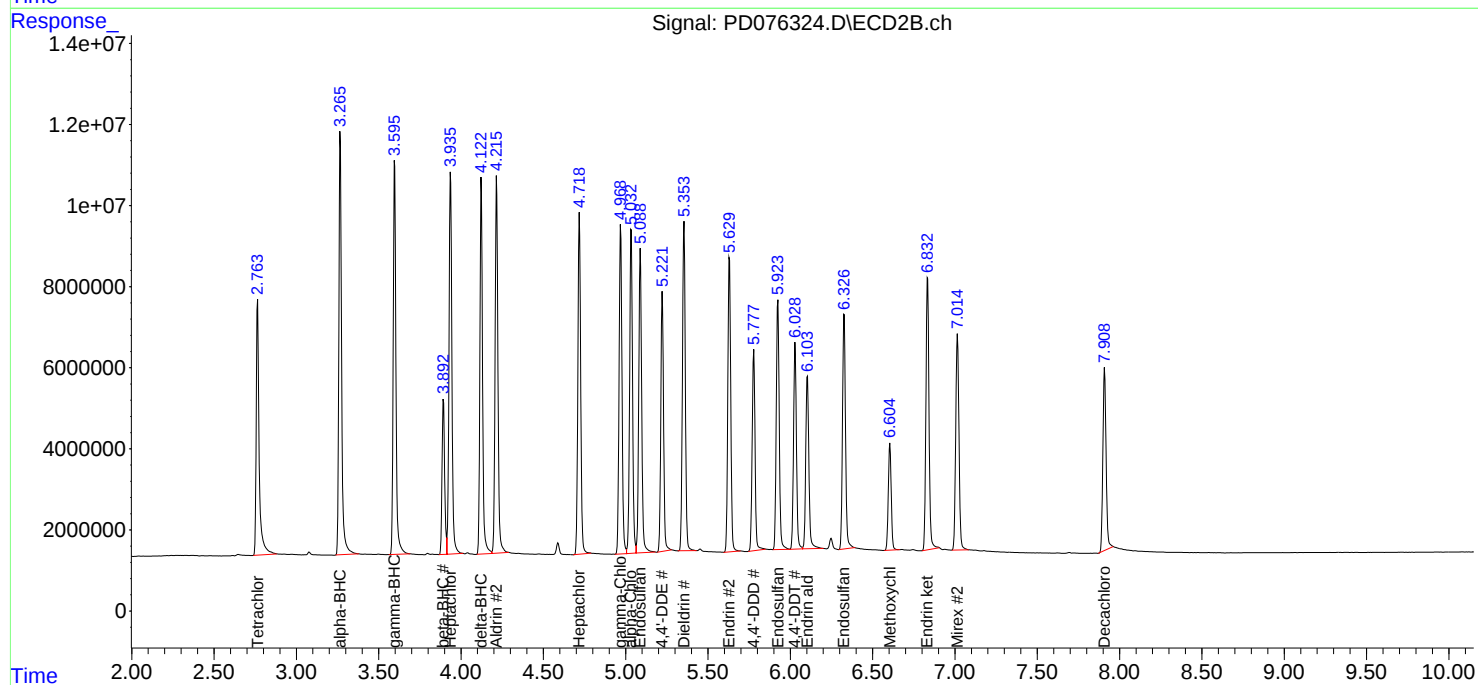
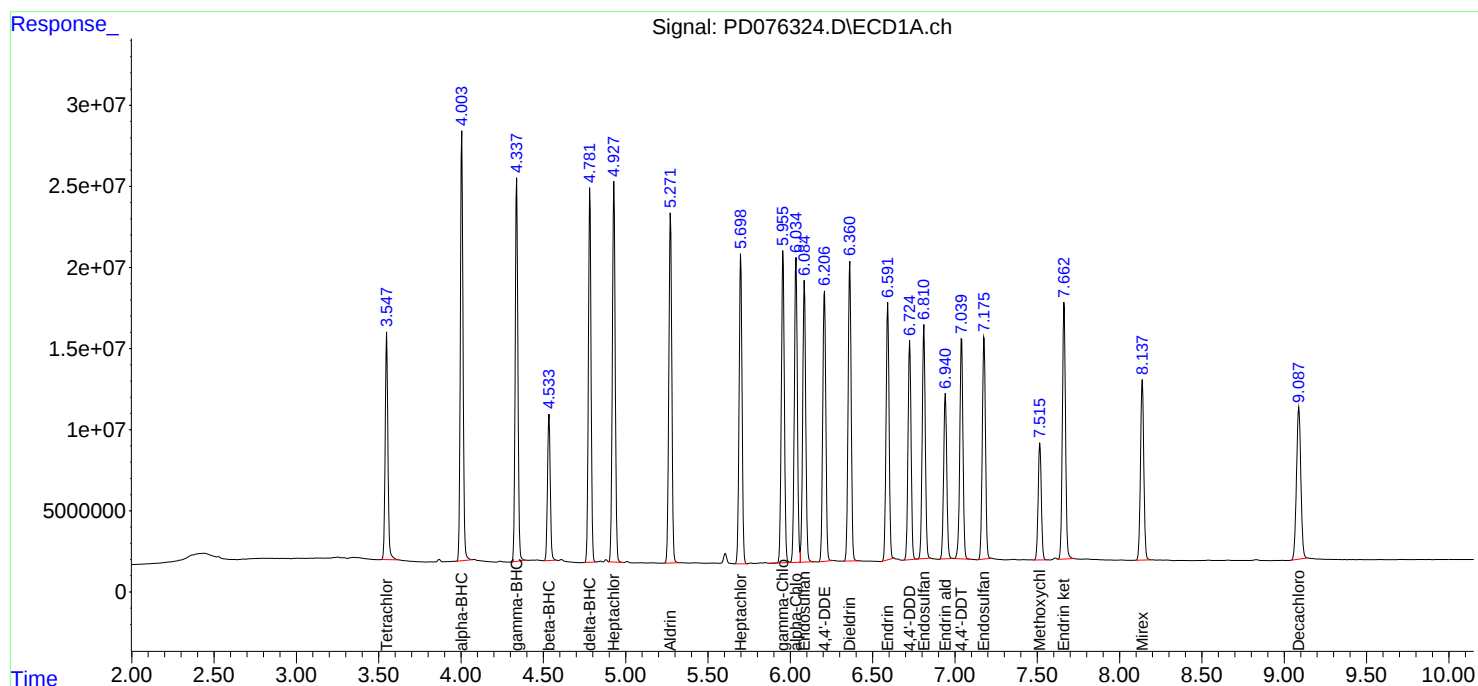
APPROVED

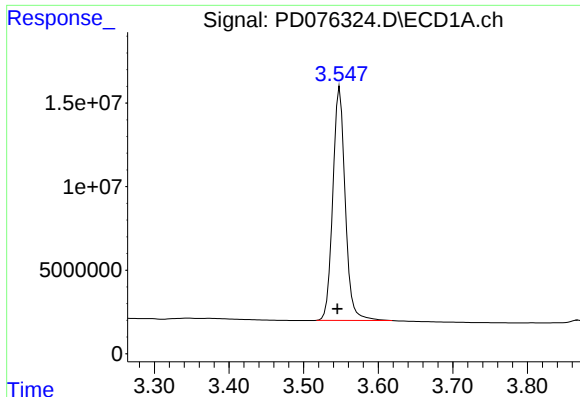
Reviewed By :Abdul Mirza 07/05/2023

Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 01:33:47 2023
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 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.: 3.548 min
Delta R.T.: 0.003 min
Response: 161852682
Conc: 49.40 ng/ml

Instrument :

ECD_D

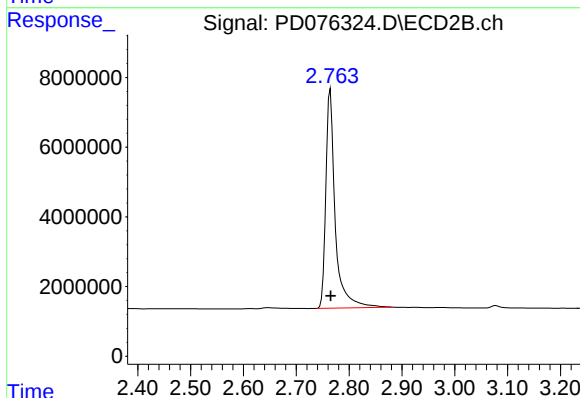
ClientSampleId :

PSTDCCC050

Manual Integrations

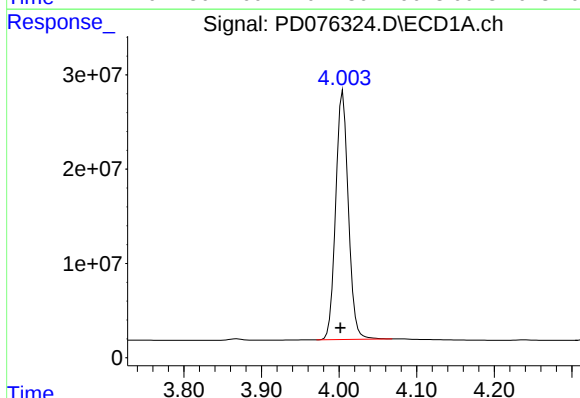
APPROVED

Reviewed By :Abdul Mirza 07/05/2023
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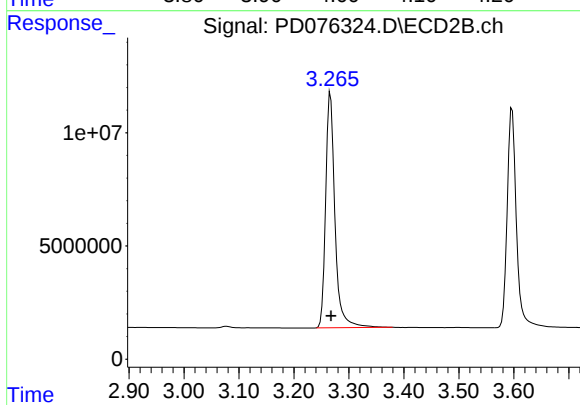
#1 Tetrachloro-m-xylene

R.T.: 2.764 min
Delta R.T.: 0.000 min
Response: 77872540
Conc: 49.02 ng/ml



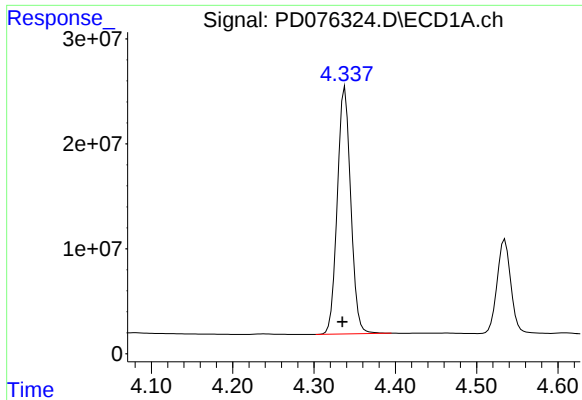
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.003 min
Response: 298694503
Conc: 51.57 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: 0.000 min
Response: 122090508
Conc: 50.67 ng/ml



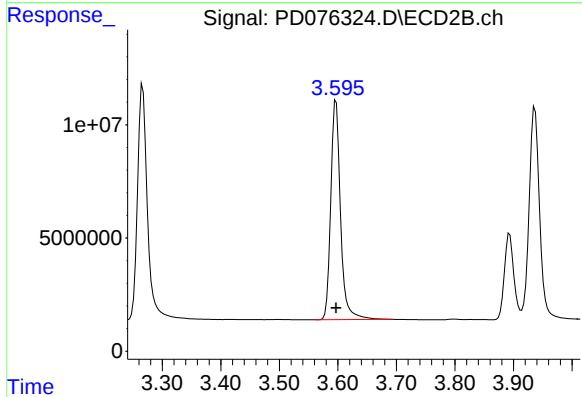
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.003 min
Response: 269844468
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

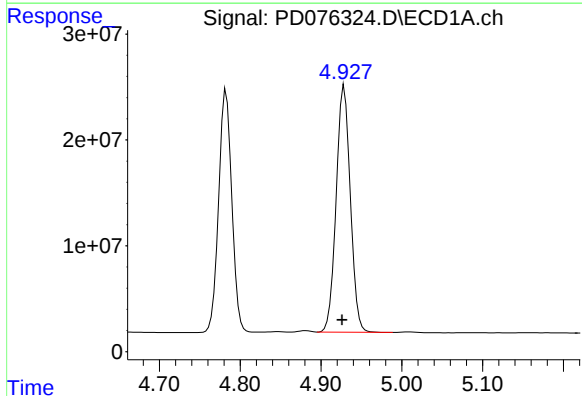
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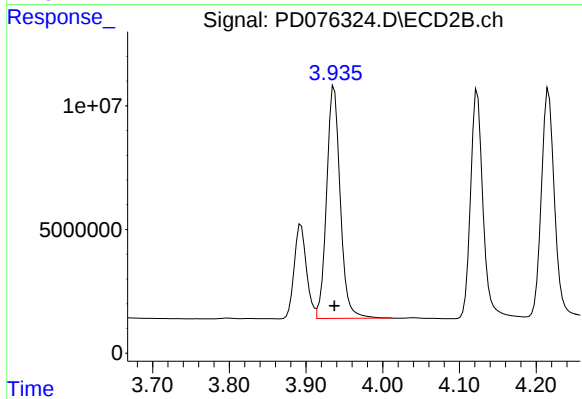
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 112308941
Conc: 50.45 ng/ml



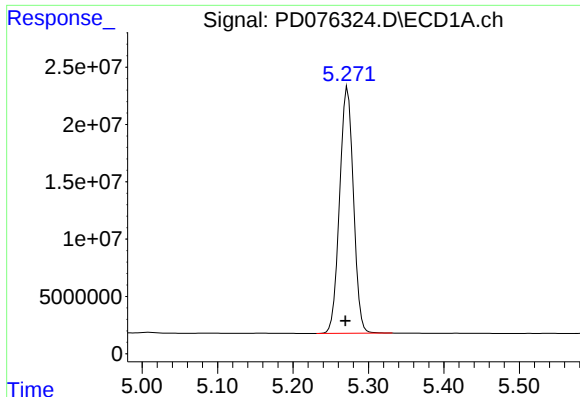
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 283094594
Conc: 51.47 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 116124692
Conc: 51.12 ng/ml



#5 Aldrin

R.T.: 5.272 min
Delta R.T.: 0.003 min
Response: 273514177
Conc: 51.16 ng/ml

Instrument :

ECD_D

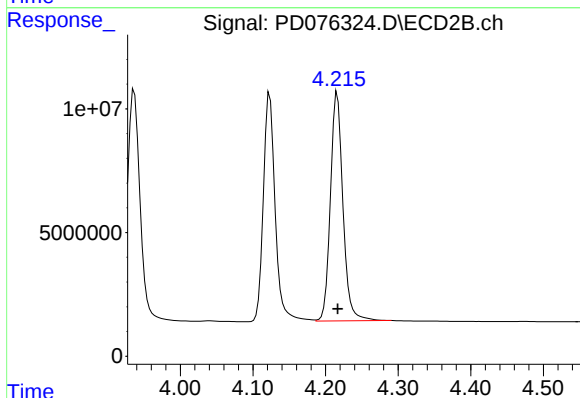
ClientSampleId :

PSTDCCC050

Manual Integrations

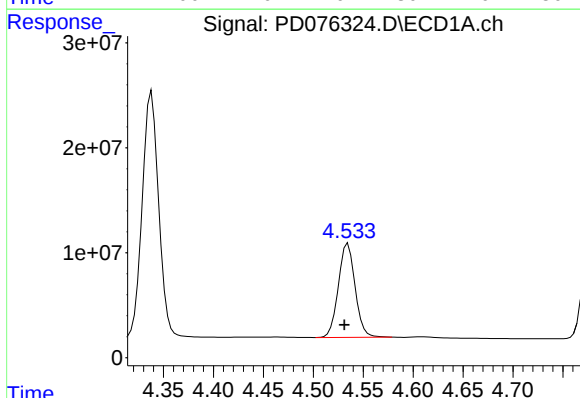
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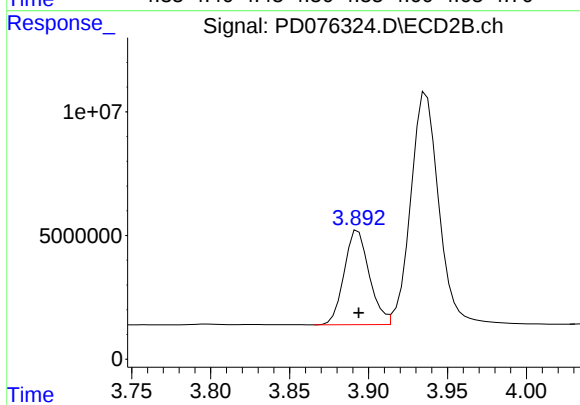
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 111088332
Conc: 50.12 ng/ml



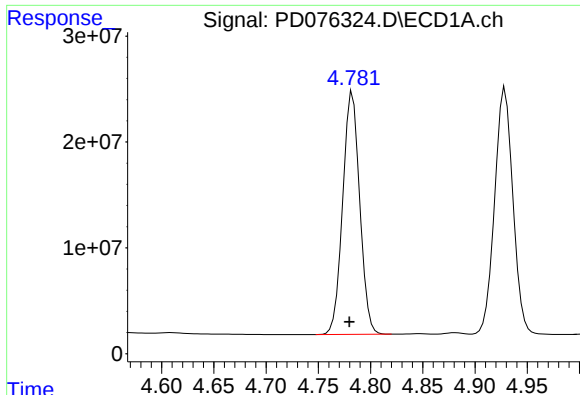
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.004 min
Response: 104452517
Conc: 49.83 ng/ml



#6 beta-BHC

R.T.: 3.893 min
Delta R.T.: 0.000 min
Response: 42292123
Conc: 47.56 ng/ml



#7 delta-BHC

R.T.: 4.783 min
Delta R.T.: 0.003 min
Response: 259033416
Conc: 50.40 ng/ml

Instrument :

ECD_D

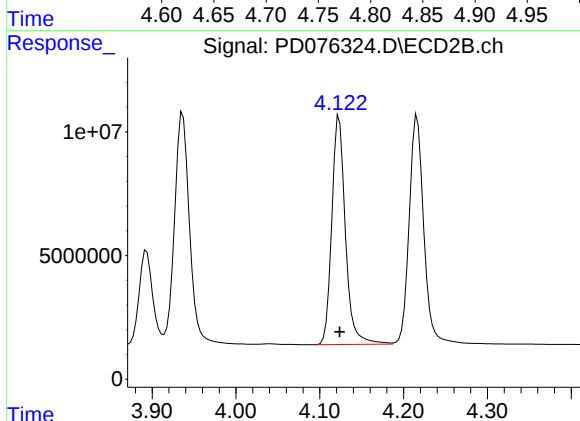
ClientSampleId :

PSTDCCC050

Manual Integrations

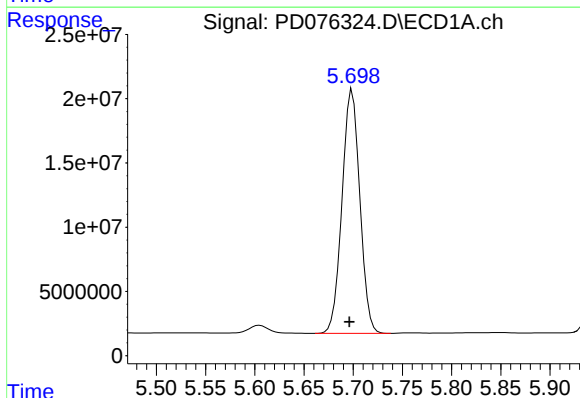
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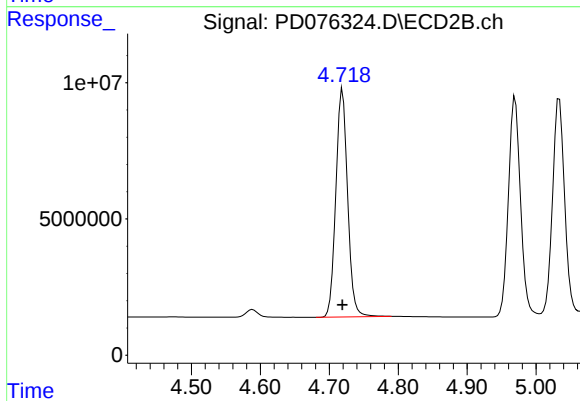
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 104241136
Conc: 49.58 ng/ml



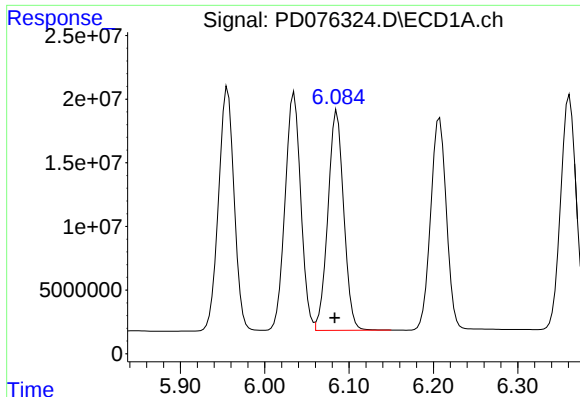
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 239032005
Conc: 49.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 99369211
Conc: 49.70 ng/ml



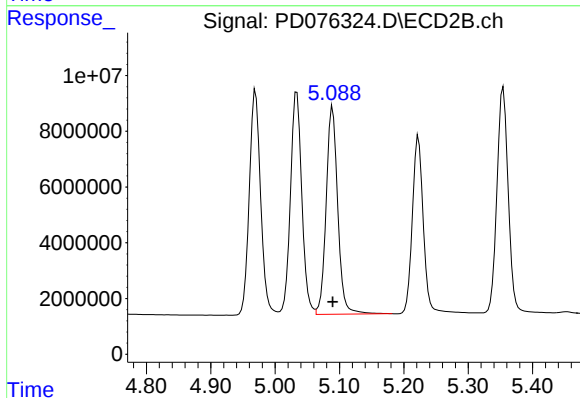
#9 Endosulfan I

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 225361731
Conc: 50.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

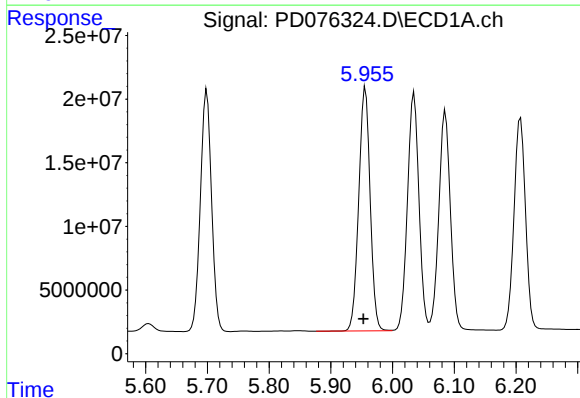
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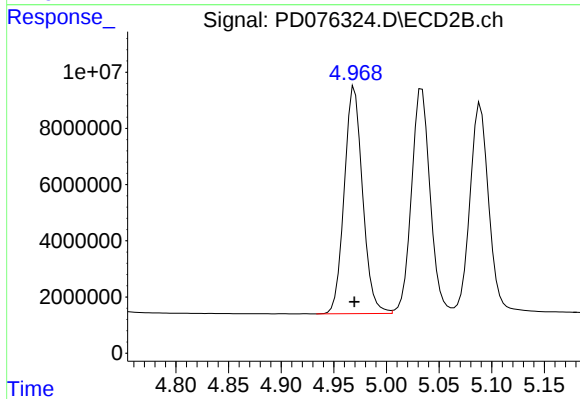
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 93423624
Conc: 49.89 ng/ml



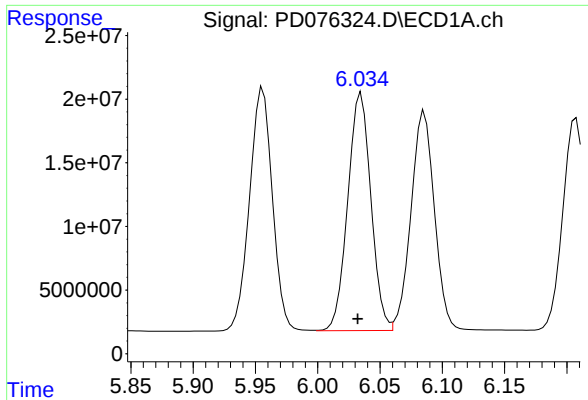
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 245258642
Conc: 50.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 98419533
Conc: 49.43 ng/ml



#11 alpha-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.003 min
Response: 242337082
Conc: 50.44 ng/ml

Instrument :

ECD_D

ClientSampleId :

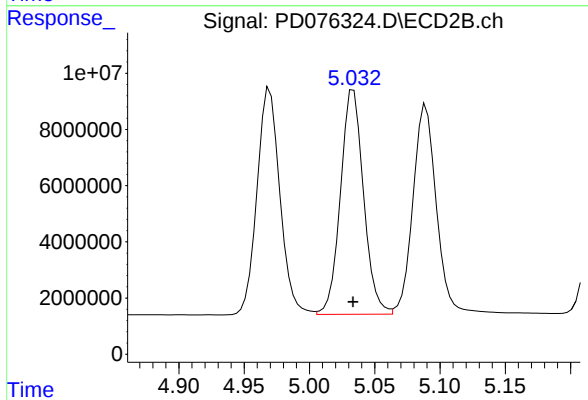
PSTDCCC050

Manual Integrations

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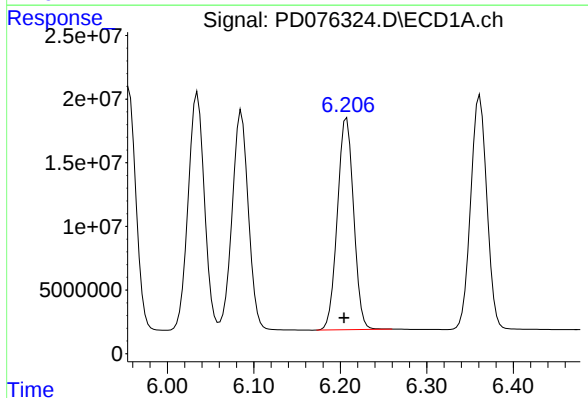
Reviewed By :Abdul Mirza 07/05/2023

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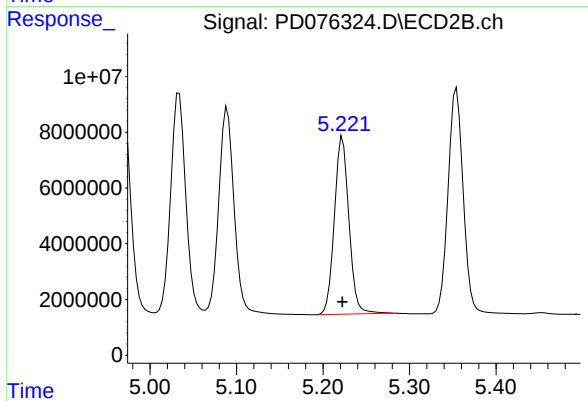
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 98418953
Conc: 49.53 ng/ml



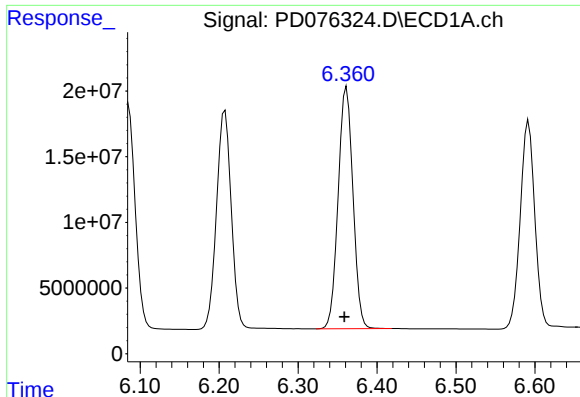
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.003 min
Response: 215873273
Conc: 50.86 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 74317208
Conc: 48.35 ng/ml



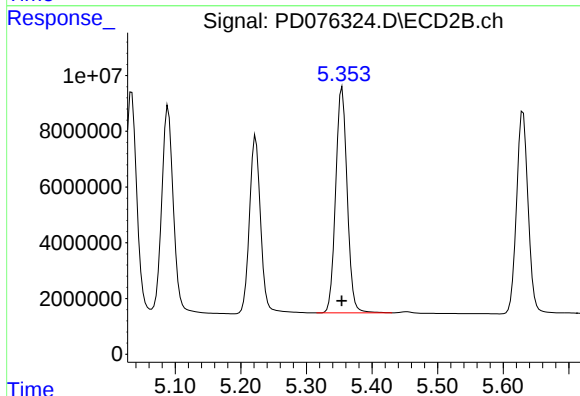
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.003 min
Response: 239547753
Conc: 51.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

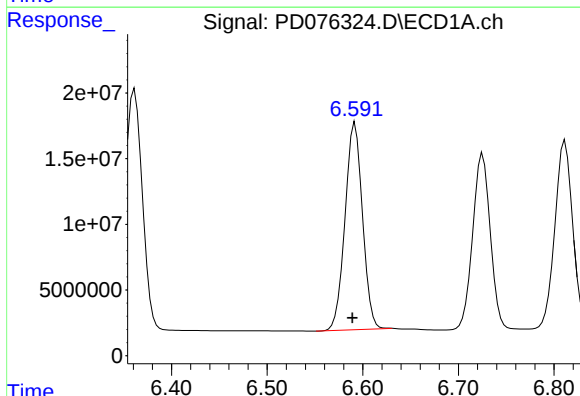
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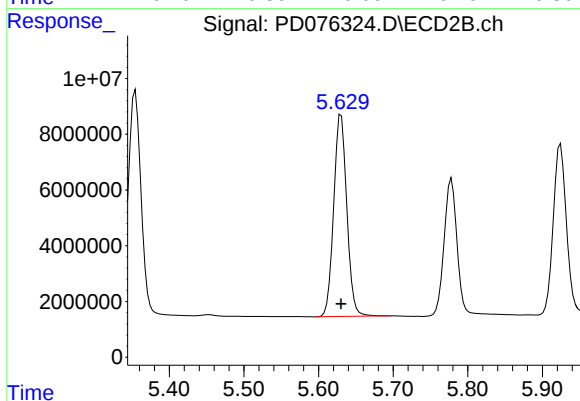
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 98496283
Conc: 50.01 ng/ml



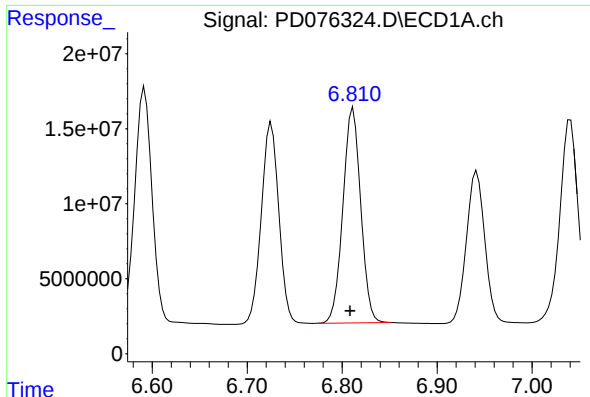
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.003 min
Response: 200697279
Conc: 50.41 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 88820211
Conc: 50.32 ng/ml



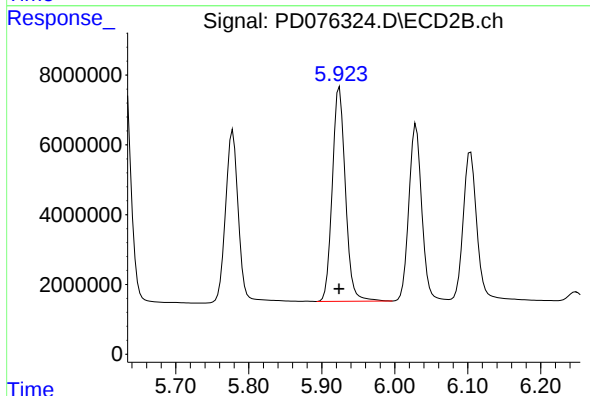
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 187141599
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

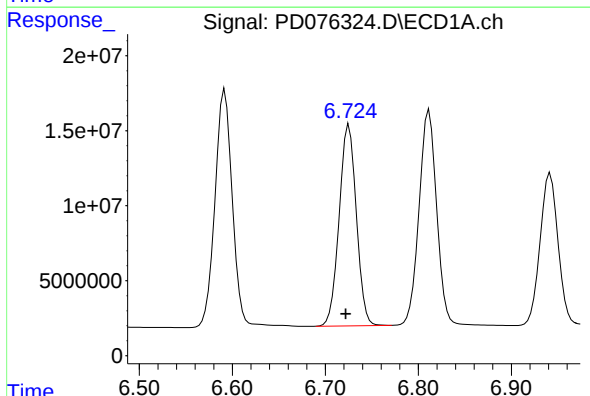
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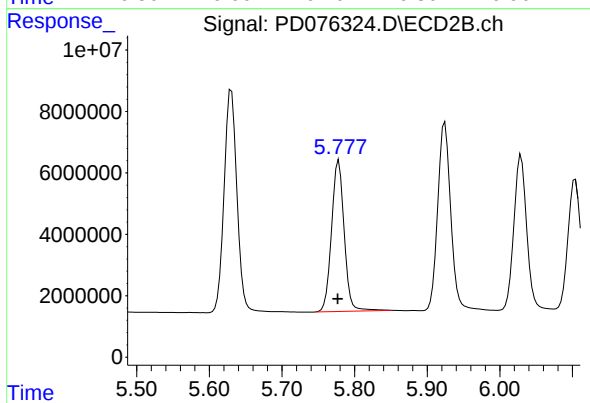
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 76751349
Conc: 49.46 ng/ml



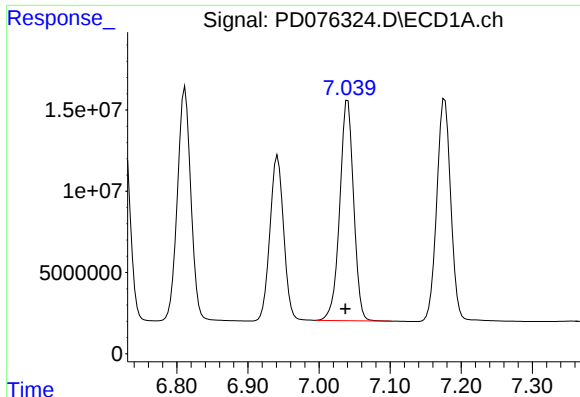
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.003 min
Response: 172309331
Conc: 51.29 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 59731622
Conc: 49.42 ng/ml



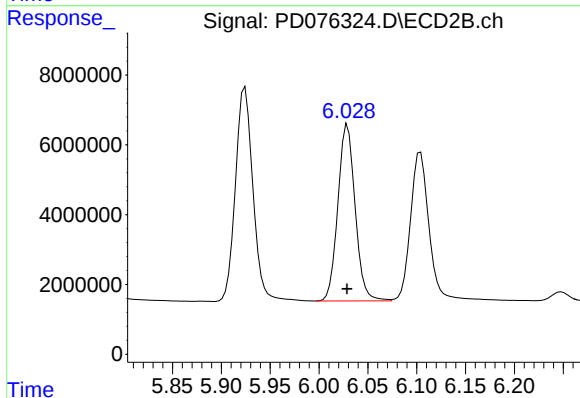
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.003 min
Response: 183598858
Conc: 52.22 ng/ml

Instrument :
ECD_D
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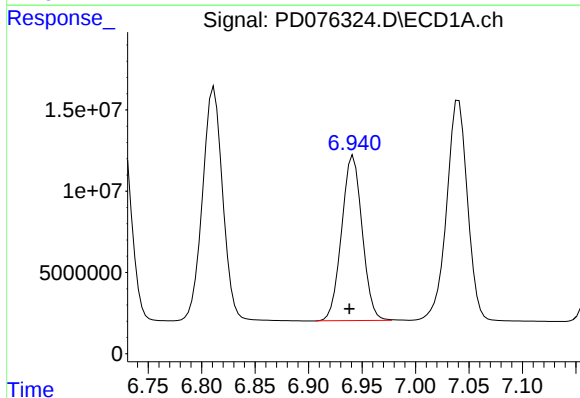
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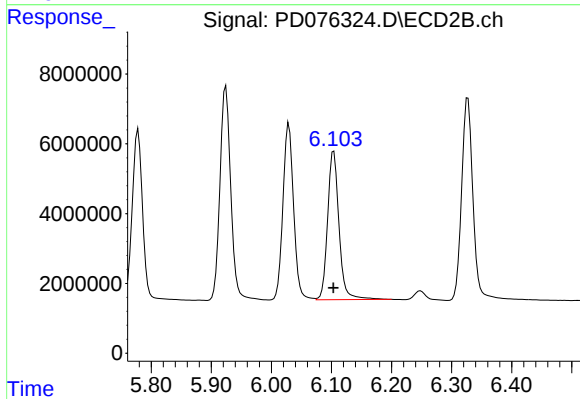
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 62313153
Conc: 51.49 ng/ml



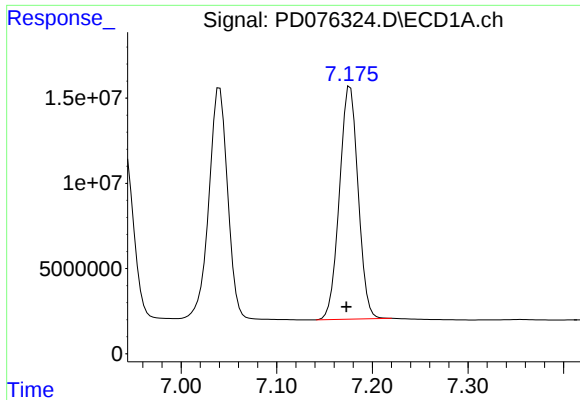
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.002 min
Response: 135878897
Conc: 49.57 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 56273538
Conc: 49.24 ng/ml



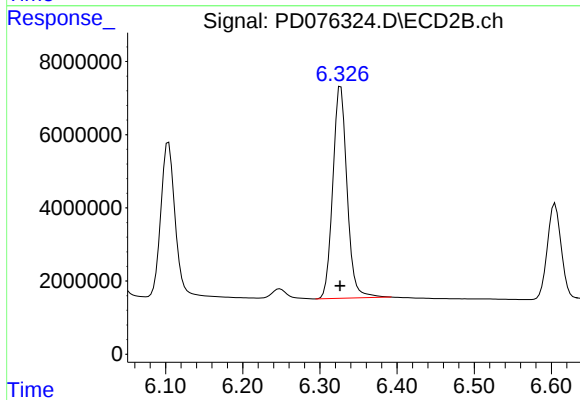
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.004 min
Response: 185702393
Conc: 50.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

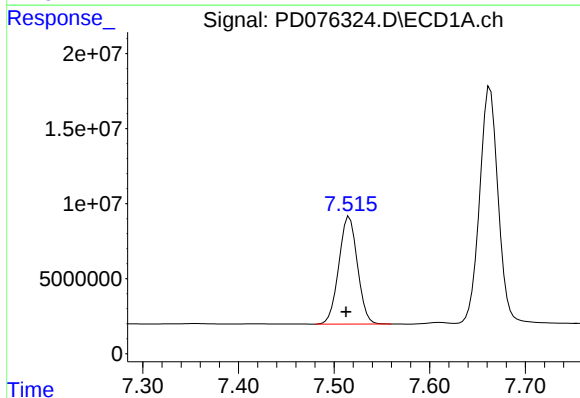
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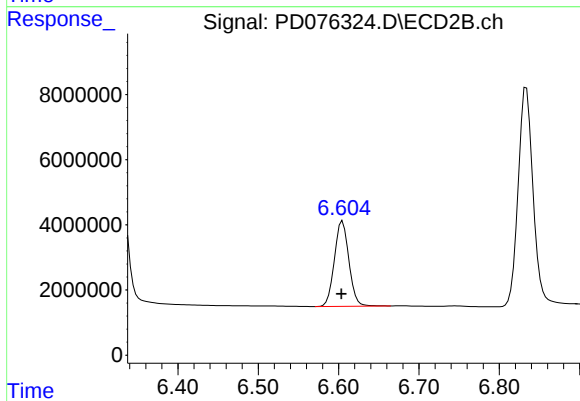
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.001 min
Response: 74546421
Conc: 49.06 ng/ml



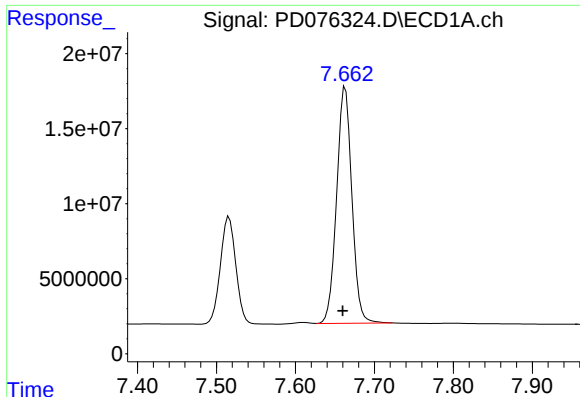
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.004 min
Response: 97096640
Conc: 50.80 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.001 min
Response: 32828192
Conc: 51.41 ng/ml



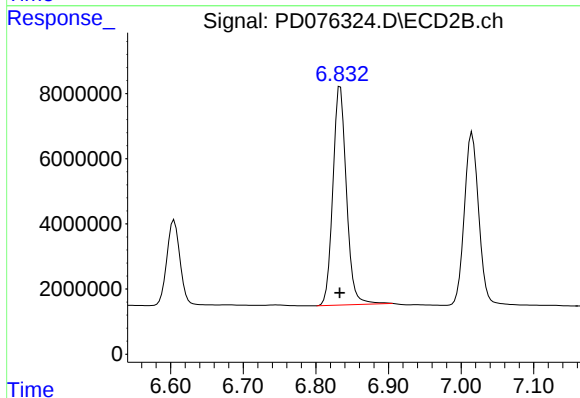
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.003 min
Response: 211443112
Conc: 50.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

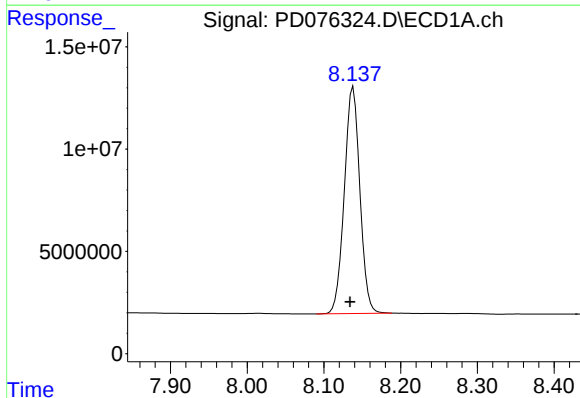
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2023
Supervised By :Ankita Jodhani 07/05/2023



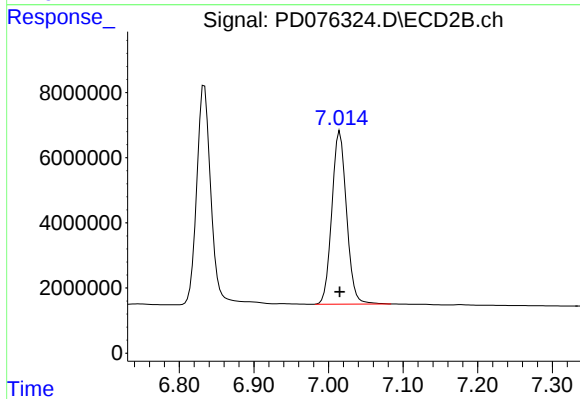
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 87181195
Conc: 49.88 ng/ml



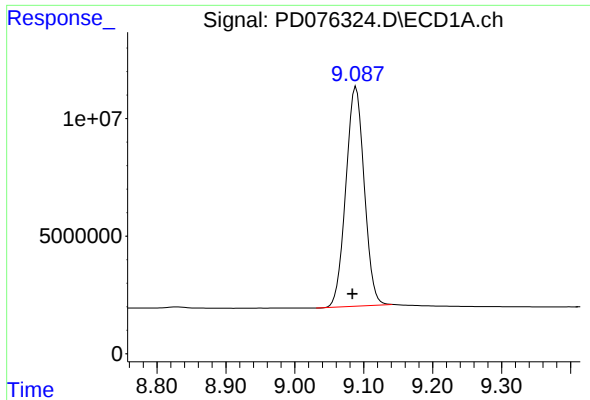
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.004 min
Response: 156964732
Conc: 49.68 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 72687182
Conc: 49.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.006 min
Response: 172969117
Conc: 48.65 ng/ml

Instrument :

ECD_D

ClientSampleId :

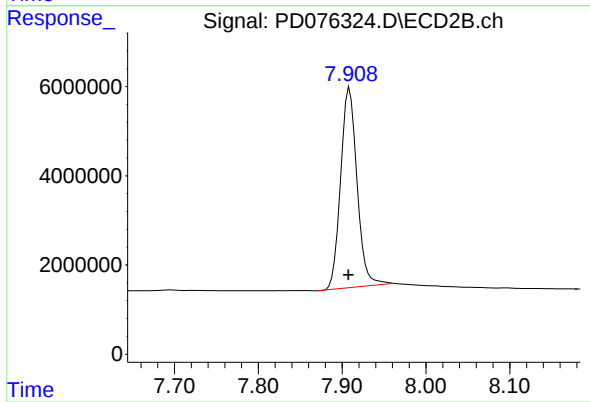
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.001 min
Response: 61055279
Conc: 48.51 ng/ml