

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 19:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2023
 Supervised By : Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:35:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 03 01:10:04 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...	3.540	2.757	147.5E6	106.0E6	51.089	51.922
28)	SA Decachlor...	9.080	7.894	185.9E6	113.8E6	50.131	50.161
Target Compounds							
2)	A alpha-BHC	3.997	3.258	253.0E6	160.1E6	52.089	53.425
3)	MA gamma-BHC...	4.330	3.588	243.9E6	155.0E6	52.140	53.514
4)	MA Heptachlor	4.920	3.926	239.2E6	151.4E6	50.869	51.320
5)	MB Aldrin	5.263	4.206	248.9E6	157.1E6	51.515	52.943
6)	B beta-BHC	4.528	3.885	93762732	60822039	50.483	52.626
7)	B delta-BHC	4.776	4.114	241.8E6	155.5E6	53.694	54.358
8)	B Heptachlo...	5.691	4.708	214.3E6	139.8E6	51.019	51.728
9)	A Endosulfan I	6.078	5.078	198.4E6	126.3E6	50.789	50.238
10)	B gamma-Chl...	5.948	4.958	217.4E6	139.9E6	51.783	52.055
11)	B alpha-Chl...	6.027	5.023	214.7E6	138.7E6	50.951	51.646
12)	B 4,4'-DDE	6.200	5.210	203.9E6	136.4E6	50.943	53.602
13)	MA Dieldrin	6.354	5.343	213.3E6	144.2E6	50.838	51.656
14)	MA Endrin	6.584	5.618	169.5E6	127.5E6	50.486	51.534
15)	B Endosulfa...	6.805	5.913	178.9E6	122.6E6	49.691	51.491
16)	A 4,4'-DDD	6.719	5.766	158.8E6	110.8E6	53.383	56.005
17)	MA 4,4'-DDT	7.033	6.016	152.1E6	107.4E6	51.397	52.759
18)	B Endrin al...	6.934	6.092	134.9E6	94582725	50.512m	51.019
19)	B Endosulfa...	7.170	6.315	162.6E6	114.6E6	50.623	51.657
20)	A Methoxychlor	7.510	6.592	83218859	56743324	49.864	52.009
21)	B Endrin ke...	7.657	6.822	186.9E6	138.2E6	52.026	52.666
22)	Mirex	8.131	7.002	136.3E6	102.0E6	51.032	50.071

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
Data File : PD078626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 19:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

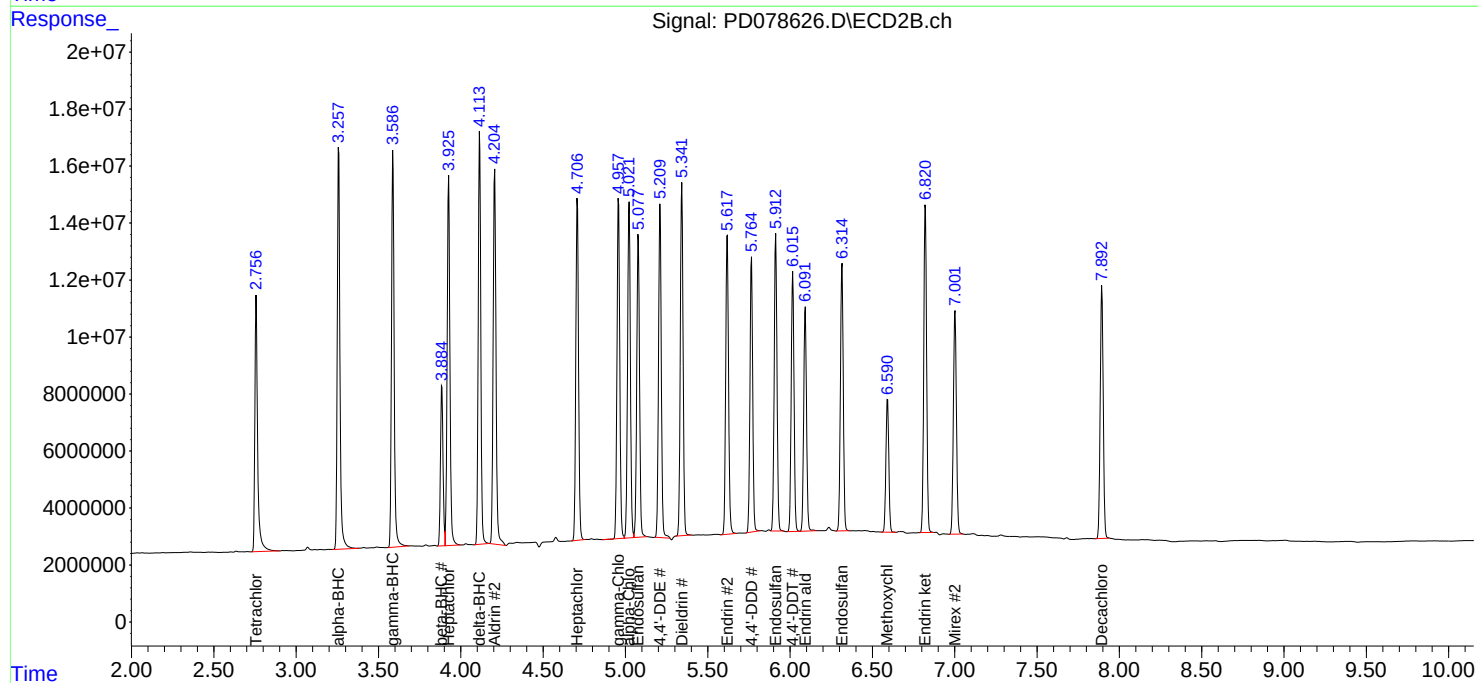
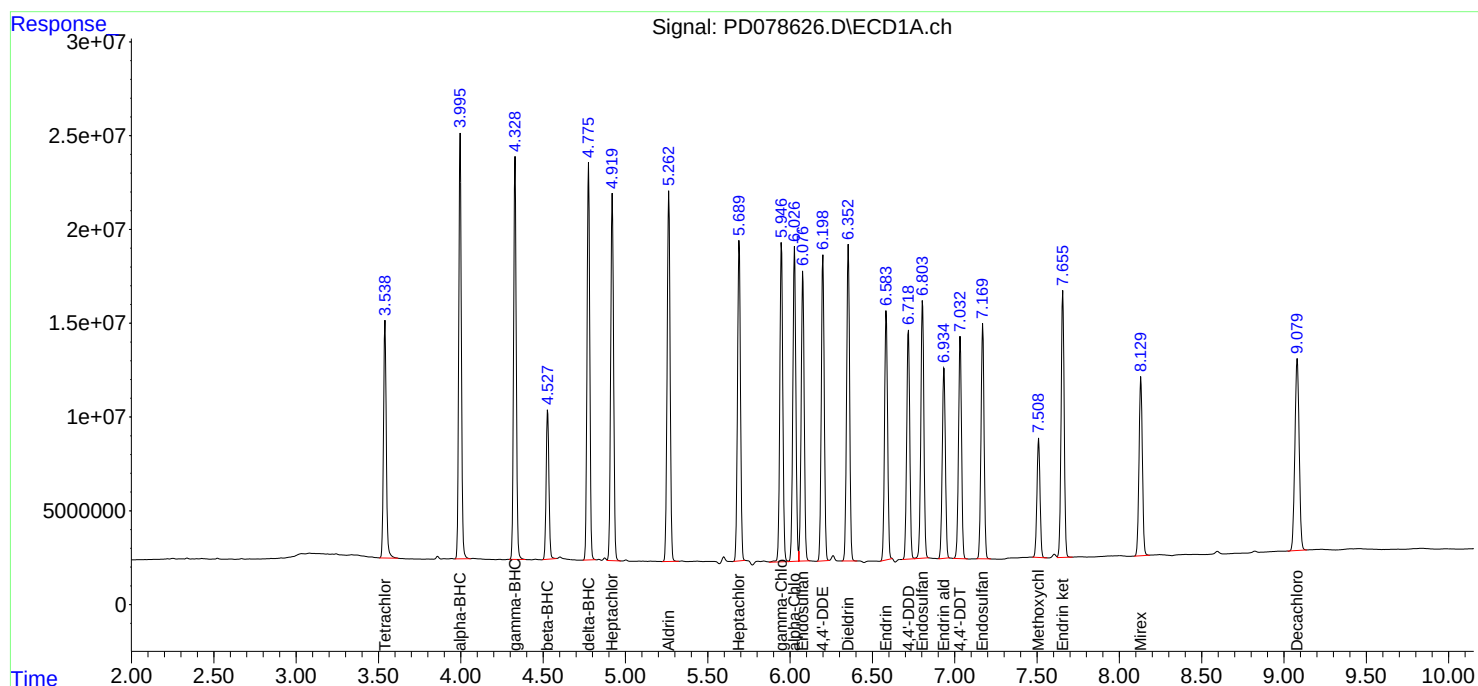
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

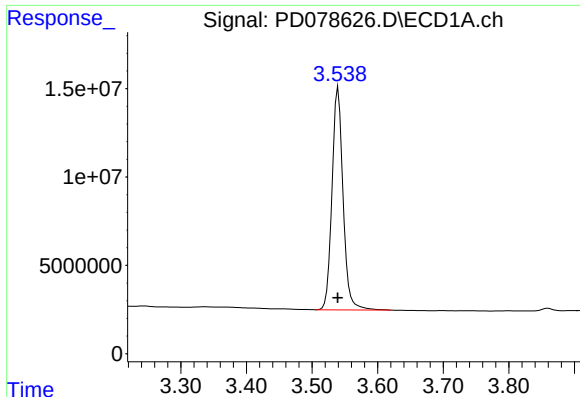
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 21:35:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD100323.M
Quant Title : GC Extractables
QLast Update : Tue Oct 03 01:10:04 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





#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 147482418
Conc: 51.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

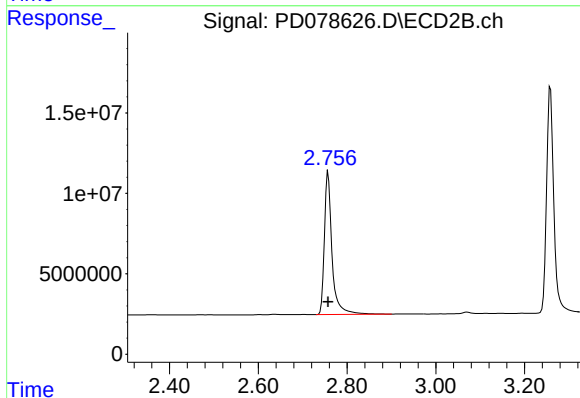
PSTDCCC050

Manual Integrations

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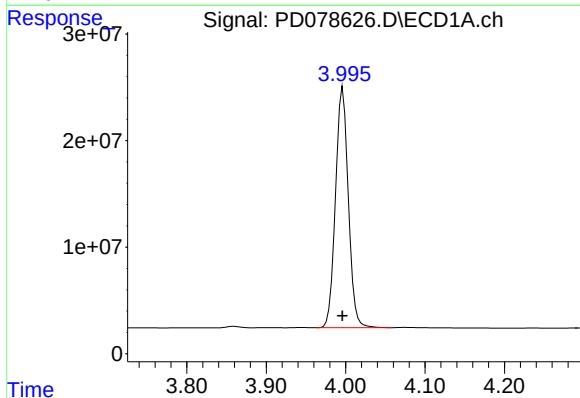
Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023



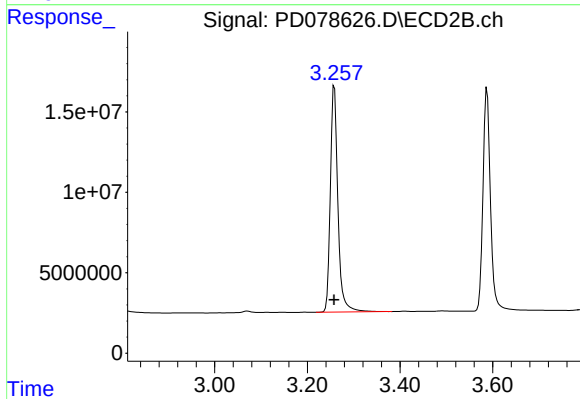
#1 Tetrachloro-m-xylene

R.T.: 2.757 min
Delta R.T.: 0.000 min
Response: 106044161
Conc: 51.92 ng/ml



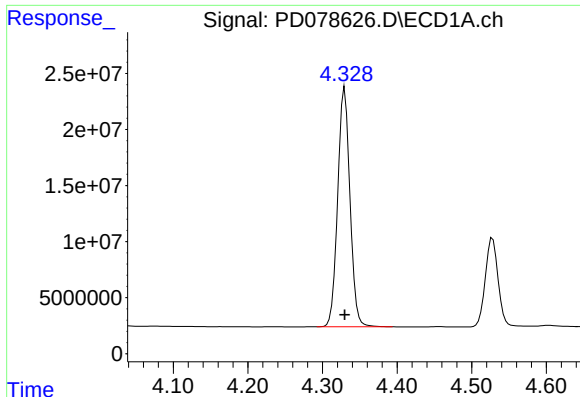
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 252961291
Conc: 52.09 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 160143754
Conc: 53.43 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 243914424
Conc: 52.14 ng/ml

Instrument :

ECD_D

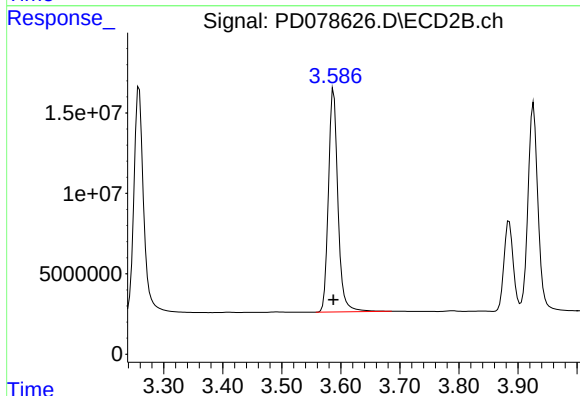
ClientSampleId :

PSTDCCC050

Manual Integrations

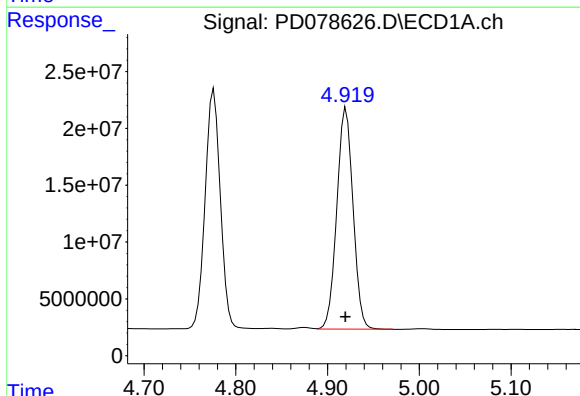
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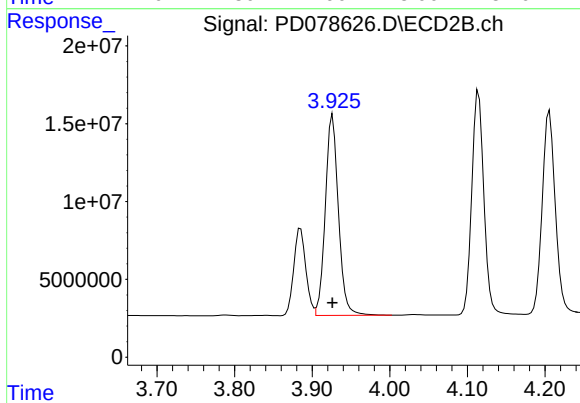
#3 gamma-BHC (Lindane)

R.T.: 3.588 min
Delta R.T.: 0.000 min
Response: 155039527
Conc: 53.51 ng/ml



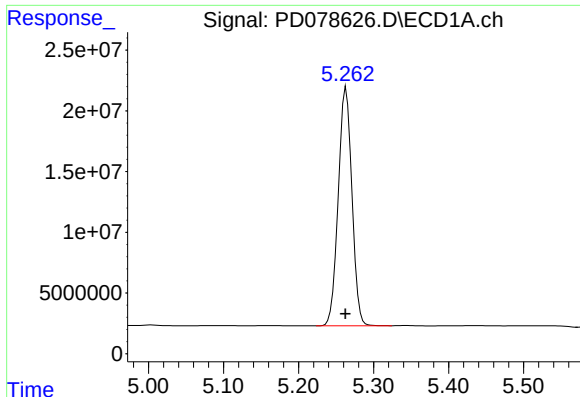
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 239156994
Conc: 50.87 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 151418629
Conc: 51.32 ng/ml



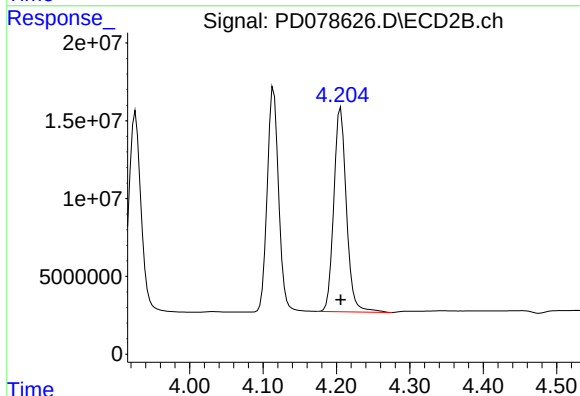
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 248871887
Conc: 51.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

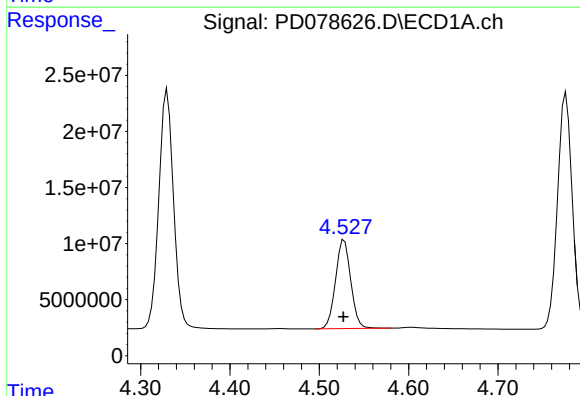
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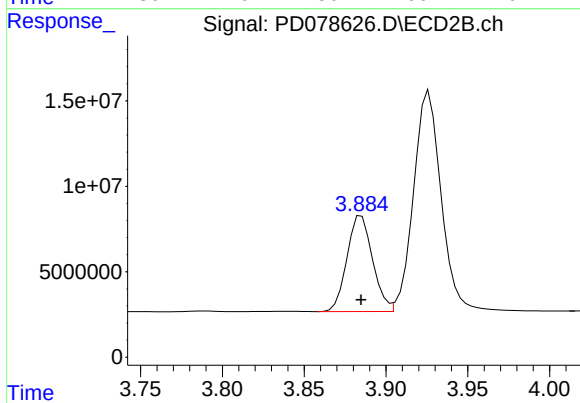
#5 Aldrin

R.T.: 4.206 min
Delta R.T.: 0.000 min
Response: 157076821
Conc: 52.94 ng/ml



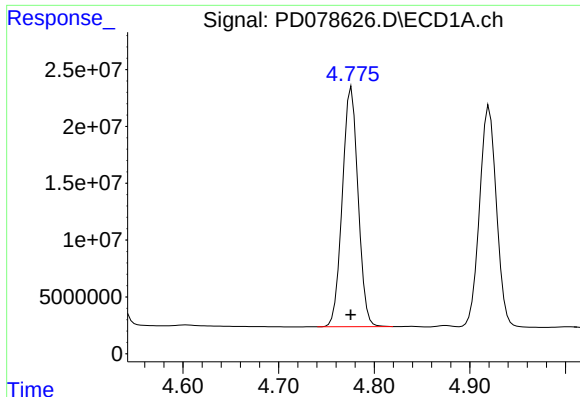
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 93762732
Conc: 50.48 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 60822039
Conc: 52.63 ng/ml



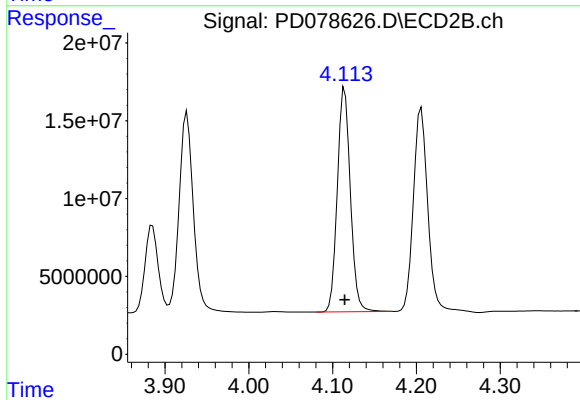
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 241844413
Conc: 53.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

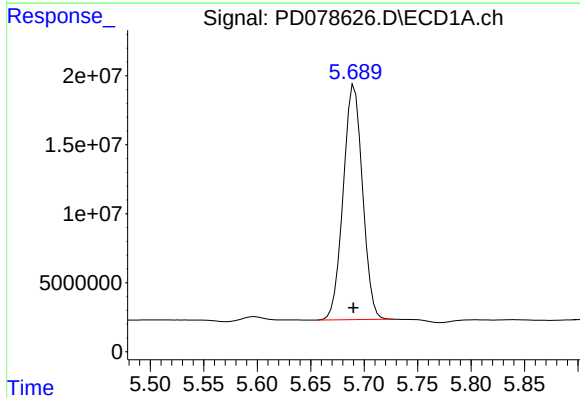
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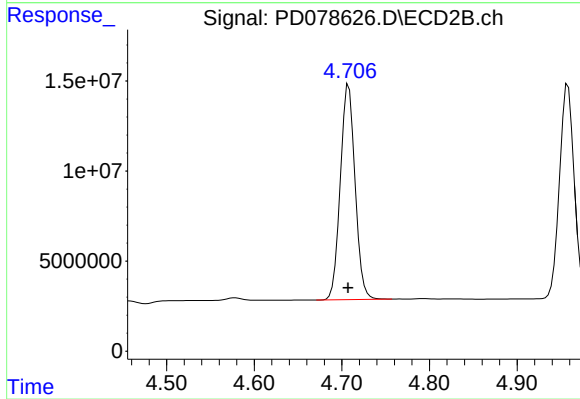
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 155530124
Conc: 54.36 ng/ml



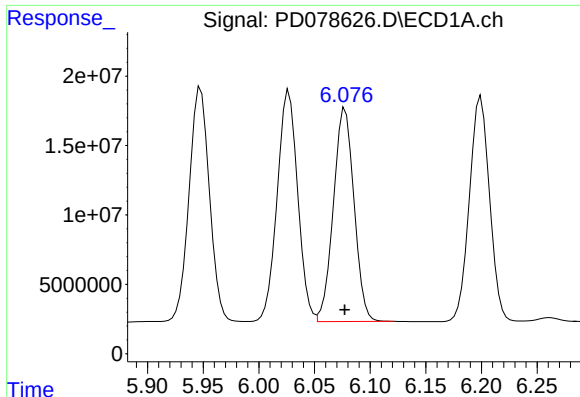
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 214283749
Conc: 51.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 139806865
Conc: 51.73 ng/ml



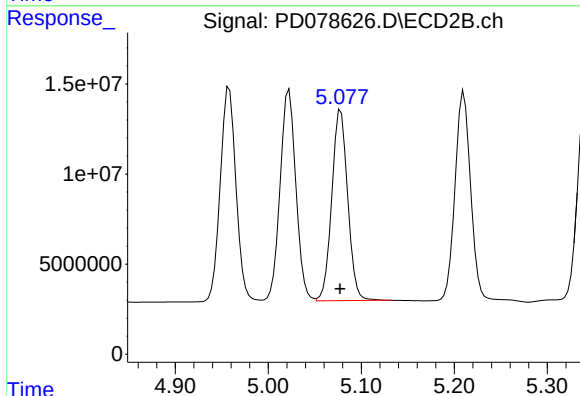
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 198422914
Conc: 50.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

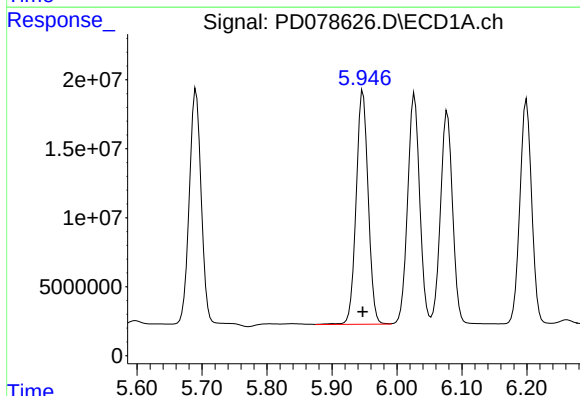
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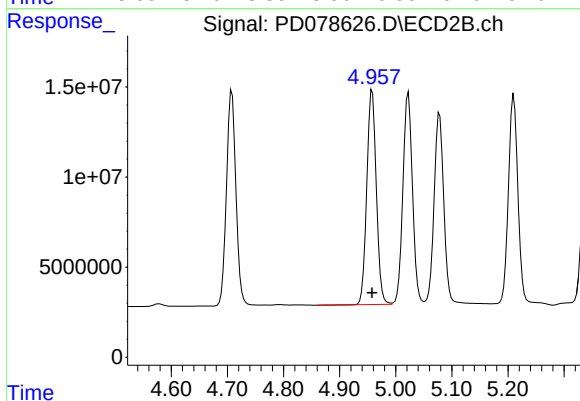
#9 Endosulfan I

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 126331881
Conc: 50.24 ng/ml



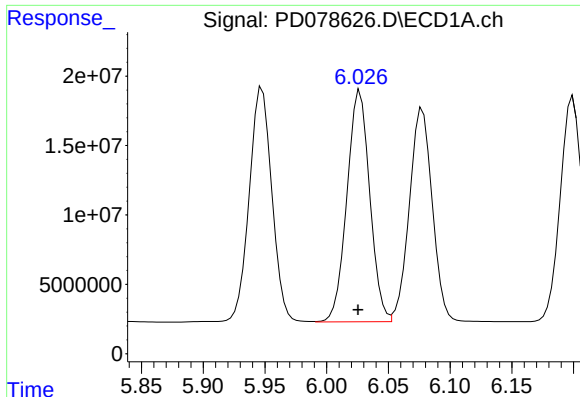
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 217443012
Conc: 51.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 139891303
Conc: 52.06 ng/ml



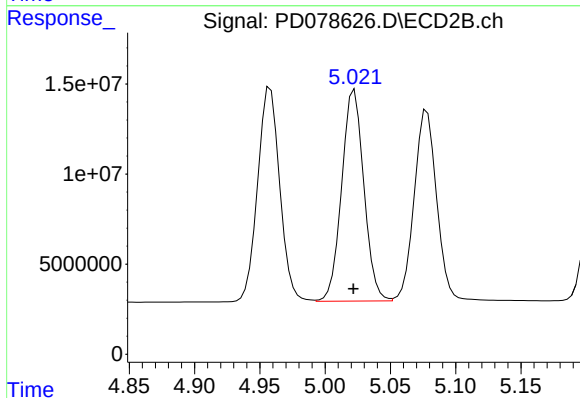
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.001 min
Response: 214666336
Conc: 50.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

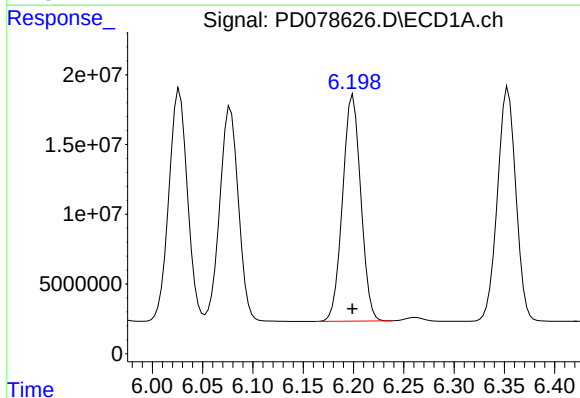
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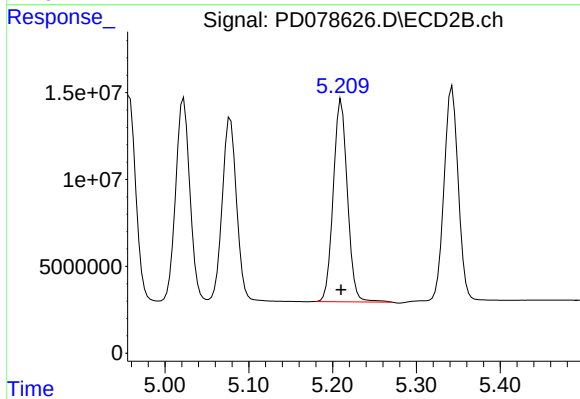
#11 alpha-Chlordane

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 138679087
Conc: 51.65 ng/ml



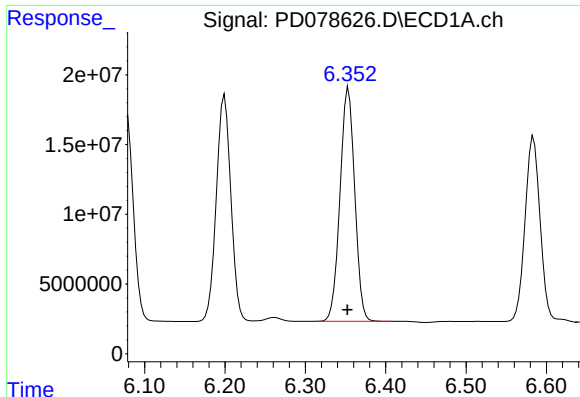
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 203901951
Conc: 50.94 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 136382744
Conc: 53.60 ng/ml



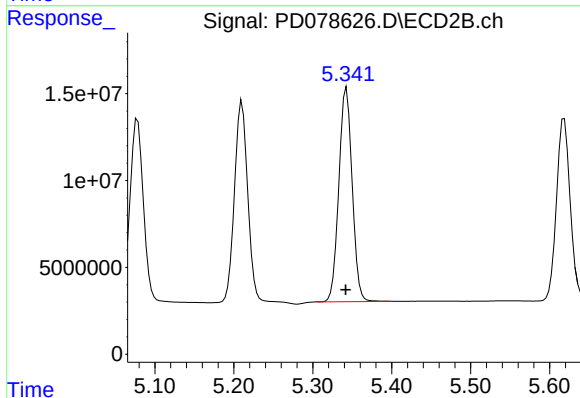
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.001 min
Response: 213279886
Conc: 50.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

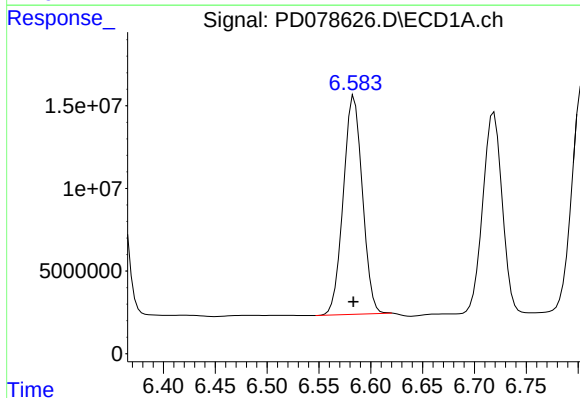
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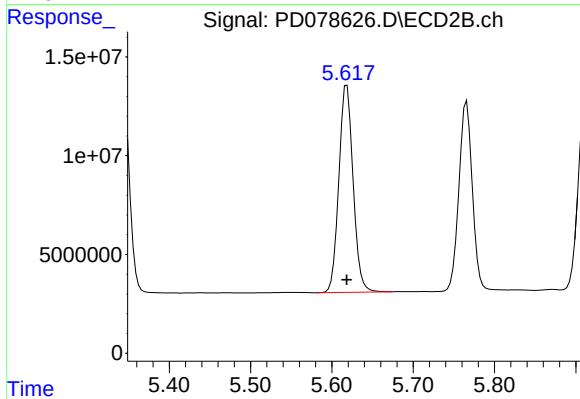
#13 Dieldrin

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 144205357
Conc: 51.66 ng/ml



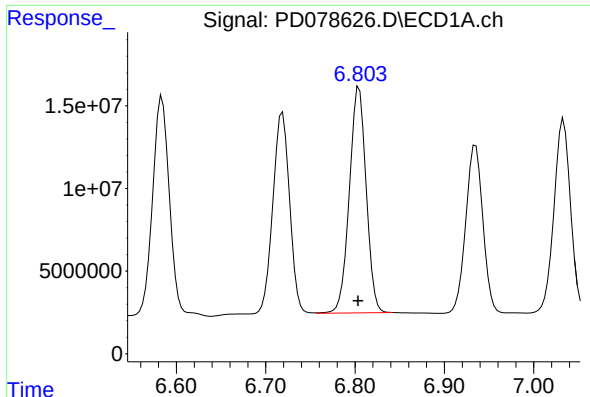
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 169549946
Conc: 50.49 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 127505280
Conc: 51.53 ng/ml



#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 178859469
Conc: 49.69 ng/ml

Instrument :

ECD_D

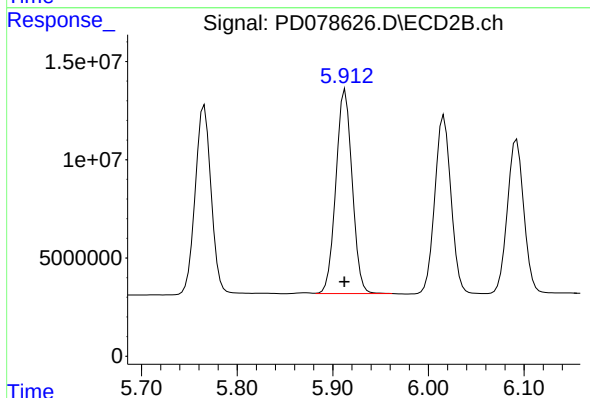
ClientSampleId :

PSTDCCC050

Manual Integrations

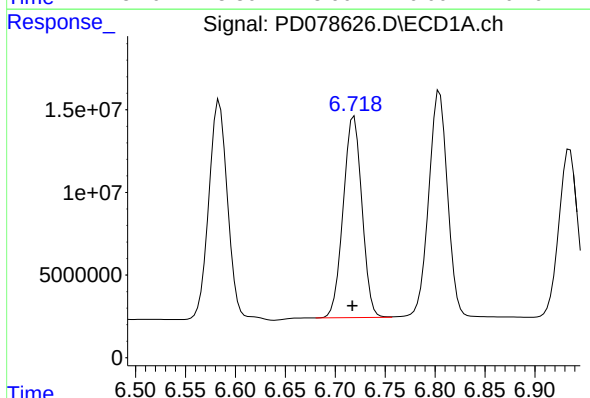
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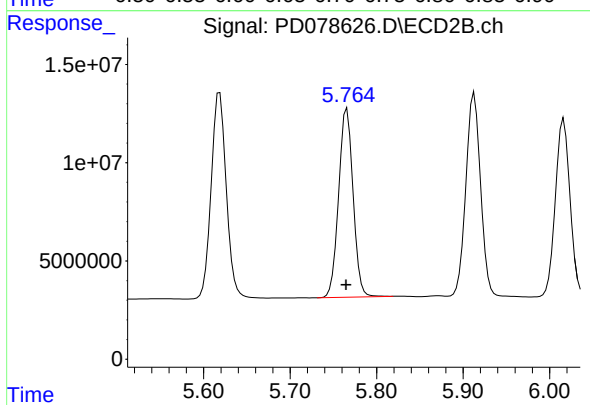
#15 Endosulfan II

R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 122578278
Conc: 51.49 ng/ml



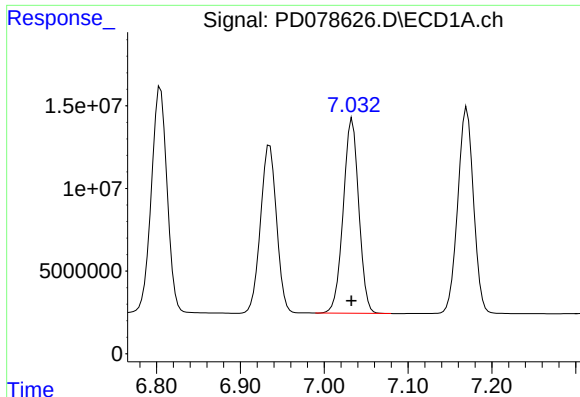
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.002 min
Response: 158845720
Conc: 53.38 ng/ml



#16 4,4'-DDD

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 110823112
Conc: 56.00 ng/ml



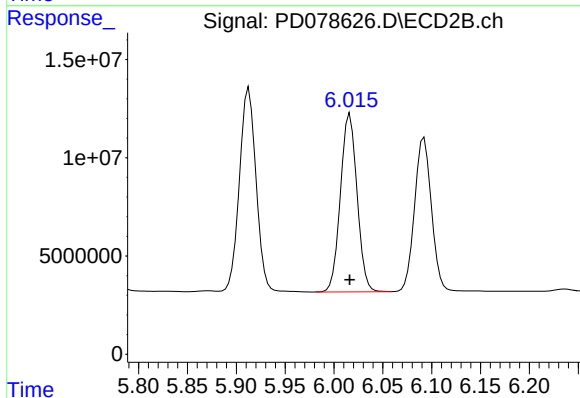
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 152098005
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

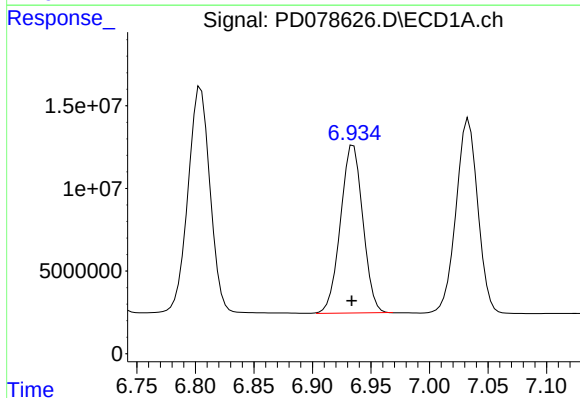
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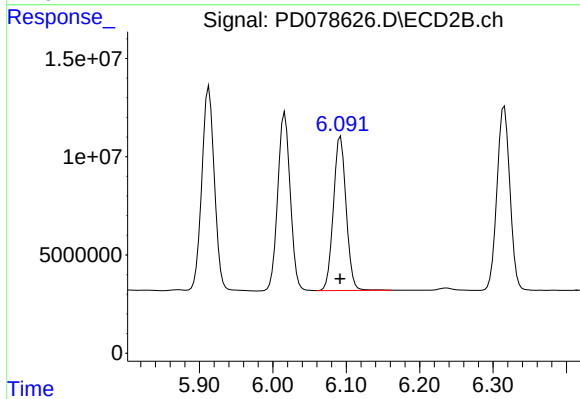
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 107391099
Conc: 52.76 ng/ml



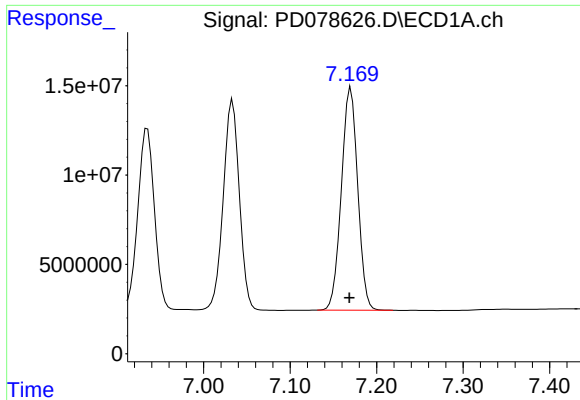
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 134946107
Conc: 50.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 94582725
Conc: 51.02 ng/ml



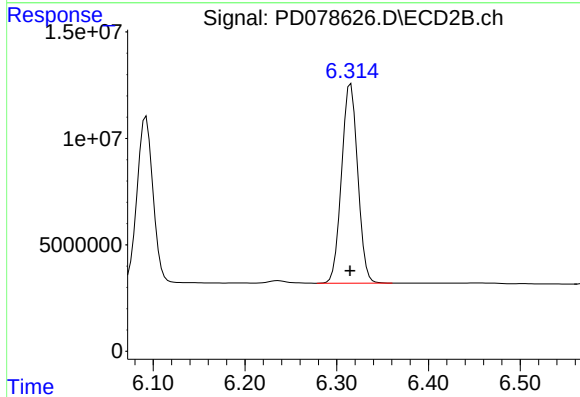
#19 Endosulfan Sulfate

R.T.: 7.170 min
Delta R.T.: 0.002 min
Response: 162649294
Conc: 50.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

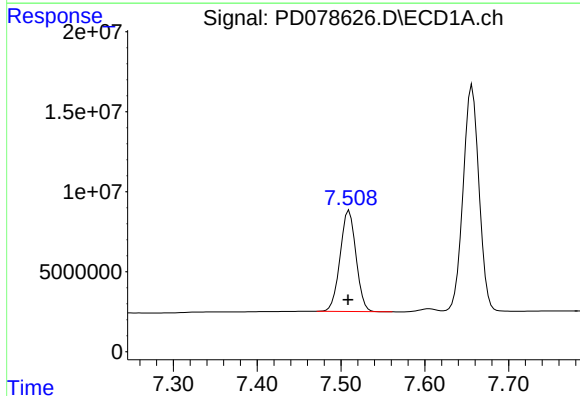
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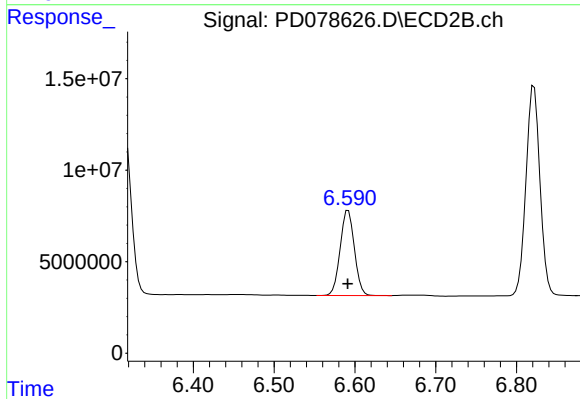
#19 Endosulfan Sulfate

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 114604782
Conc: 51.66 ng/ml



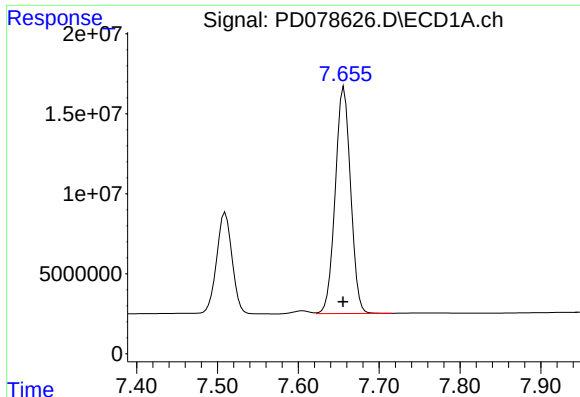
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.001 min
Response: 83218859
Conc: 49.86 ng/ml



#20 Methoxychlor

R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 56743324
Conc: 52.01 ng/ml



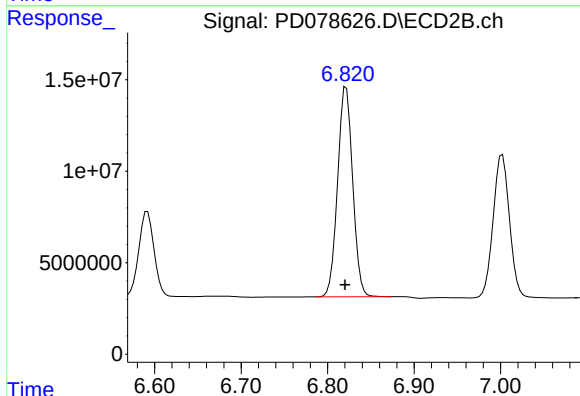
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.001 min
Response: 186922969
Conc: 52.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

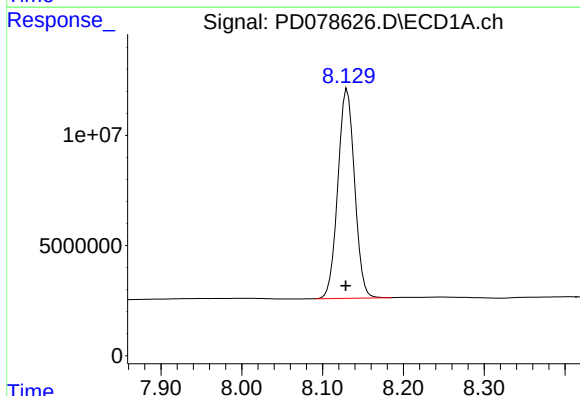
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Reviewed By :Abdul Mirza 10/04/2023
Supervised By :Ankita Jodhani 10/04/2023



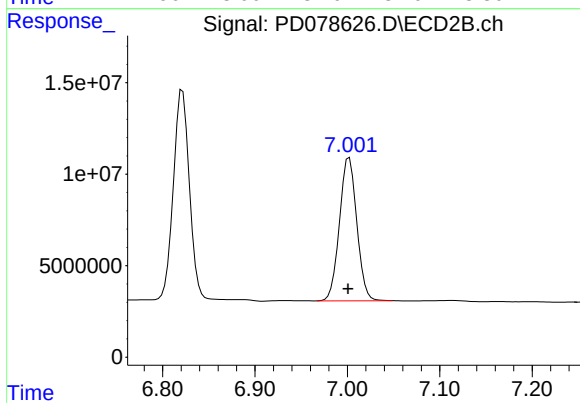
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: 0.001 min
Response: 138226364
Conc: 52.67 ng/ml



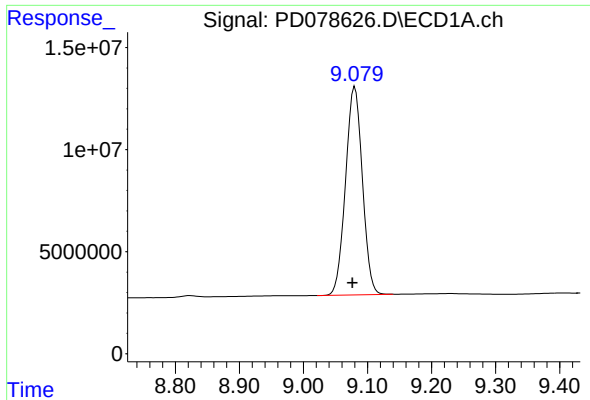
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 136304799
Conc: 51.03 ng/ml



#22 Mirex

R.T.: 7.002 min
Delta R.T.: 0.001 min
Response: 102034840
Conc: 50.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.004 min
Response: 185913714
Conc: 50.13 ng/ml

Instrument :

ECD_D

ClientSampleId :

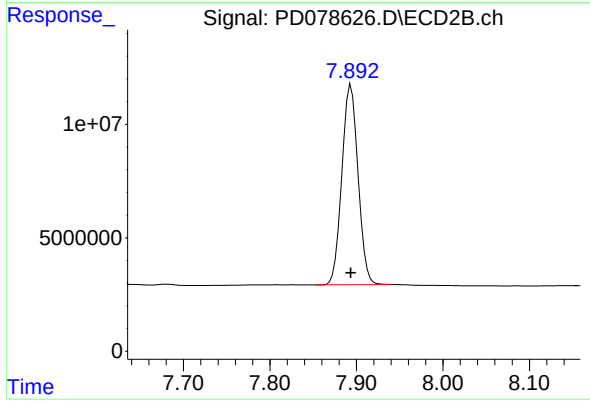
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 113821235
Conc: 50.16 ng/ml