

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100423\
 Data File : PD078642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 23:03
 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 04 01:17:29 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	2.758	149.9E6	108.4E6	51.930	53.071
2)	SA Decachlor...	9.077	7.892	184.6E6	111.6E6	49.771	49.172
Target Compounds							
2)	A alpha-BHC	3.996	3.258	257.1E6	163.0E6	52.935	54.381
3)	MA gamma-BHC...	4.329	3.587	246.9E6	156.9E6	52.778	54.151
4)	MA Heptachlor	4.920	3.926	239.9E6	153.1E6	51.029	51.881
5)	MB Aldrin	5.263	4.205	251.4E6	159.9E6	52.031	53.891
6)	B beta-BHC	4.527	3.885	94846621	62104769	51.067	53.736
7)	B delta-BHC	4.776	4.114	245.5E6	157.8E6	54.500	55.144
8)	B Heptachlo...	5.690	4.708	216.6E6	141.8E6	51.576	52.476
9)	A Endosulfan I	6.077	5.077	198.3E6	128.2E6	50.746	50.972
10)	B gamma-Chl...	5.947	4.958	216.5E6	141.7E6	51.553	52.729
11)	B alpha-Chl...	6.026	5.022	214.2E6	140.5E6	50.838	52.319
12)	B 4,4'-DDE	6.199	5.210	203.6E6	138.5E6	50.876	54.422
13)	MA Dieldrin	6.353	5.342	214.6E6	145.8E6	51.147	52.224
14)	MA Endrin	6.583	5.618	164.5E6	124.7E6	48.980	50.419
15)	B Endosulfa...	6.803	5.912	176.9E6	122.7E6	49.150	51.551
16)	A 4,4'-DDD	6.717	5.765	159.4E6	112.5E6	53.577	56.830
17)	MA 4,4'-DDT	7.032	6.016	148.3E6	105.9E6	50.128	52.026
18)	B Endrin al...	6.932	6.091	135.0E6	95377130	50.539m	51.447
19)	B Endosulfa...	7.168	6.314	161.4E6	114.8E6	50.237	51.736
20)	A Methoxychlor	7.508	6.590	81217345	56386430	48.664	51.682
21)	B Endrin ke...	7.655	6.820	188.6E6	137.7E6	52.485	52.484
22)	Mirex	8.129	7.001	134.5E6	101.3E6	50.364	49.733

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

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Data File : PD078642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2023 23:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

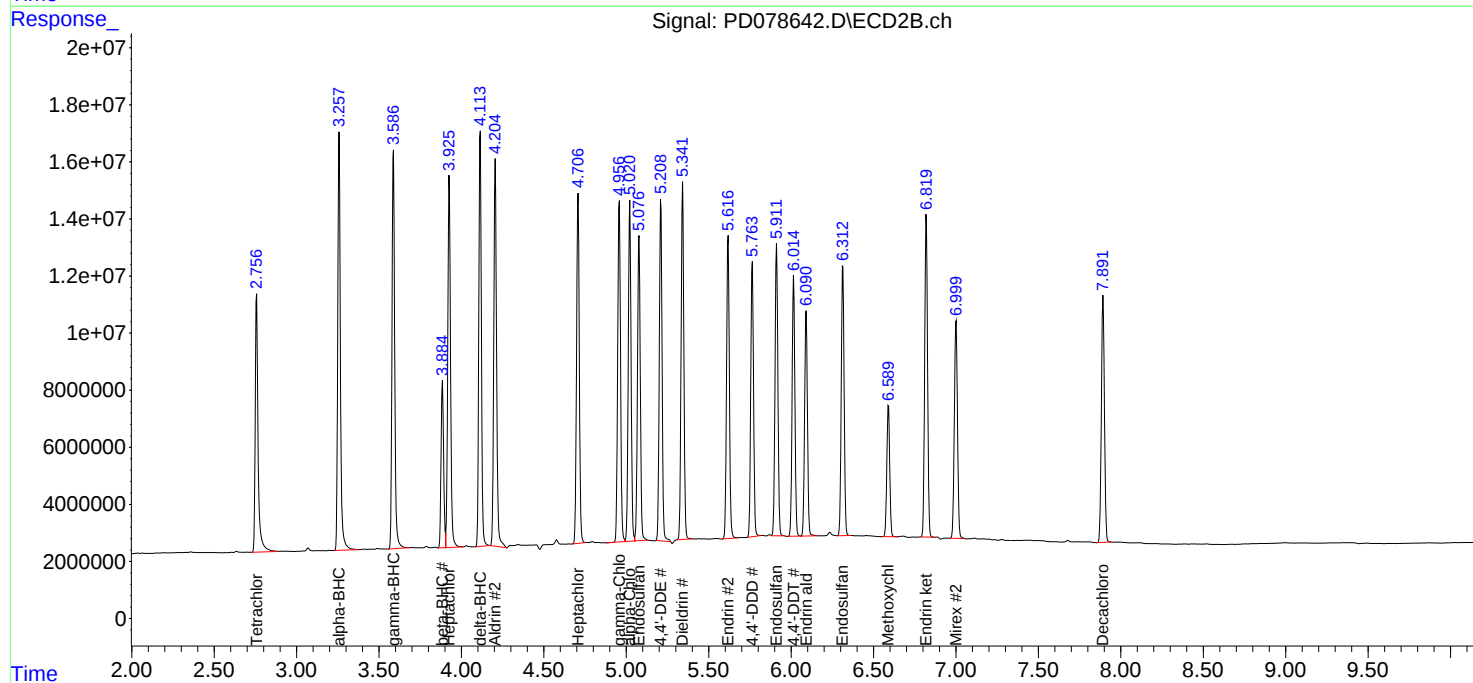
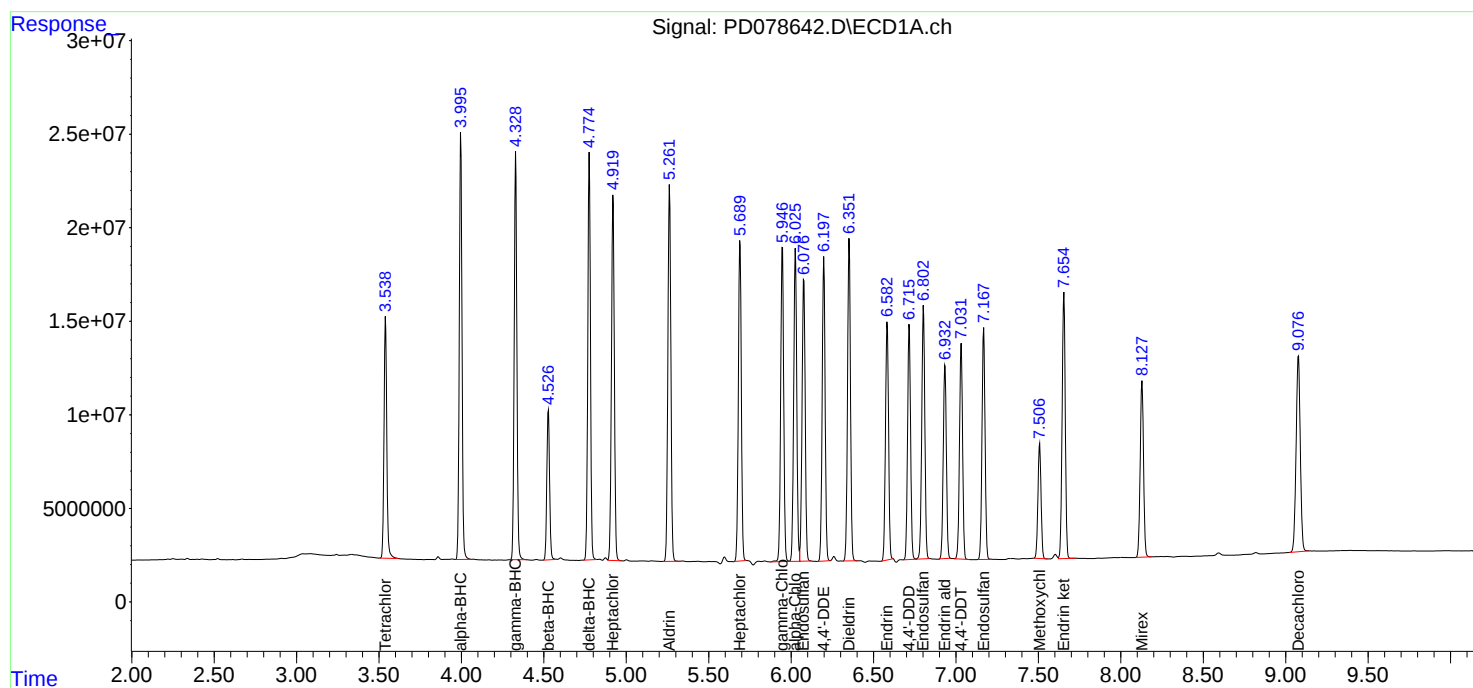
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

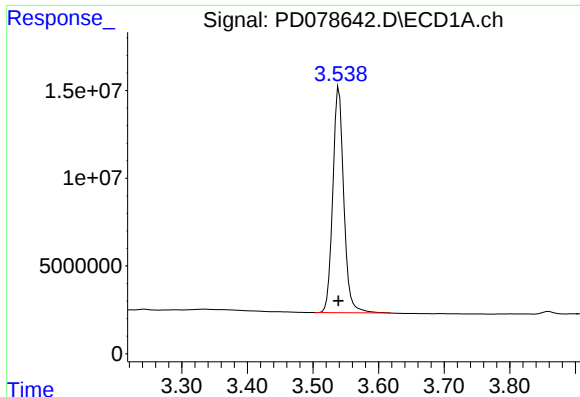
Manual Integrations
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Reviewed By : Abdul Mirza 10/04/2023
Supervised By : Ankita Jodhani 10/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 01:17:29 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





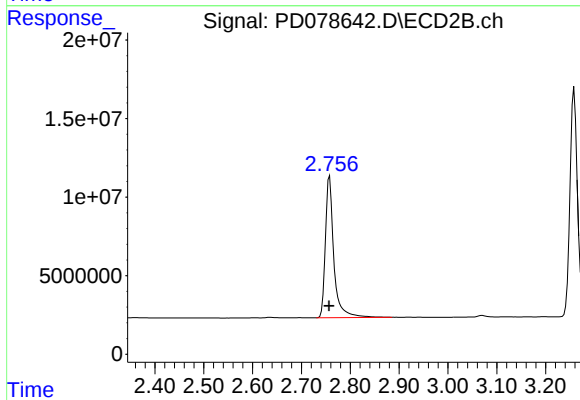
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 149909488
Conc: 51.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

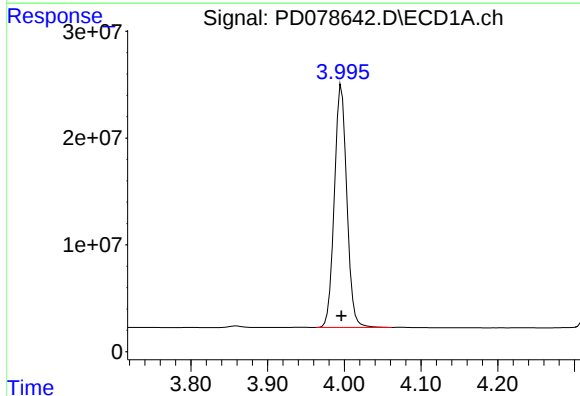
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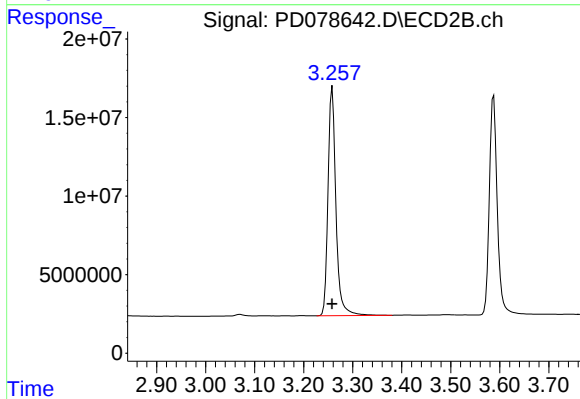
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 108390093
Conc: 53.07 ng/ml



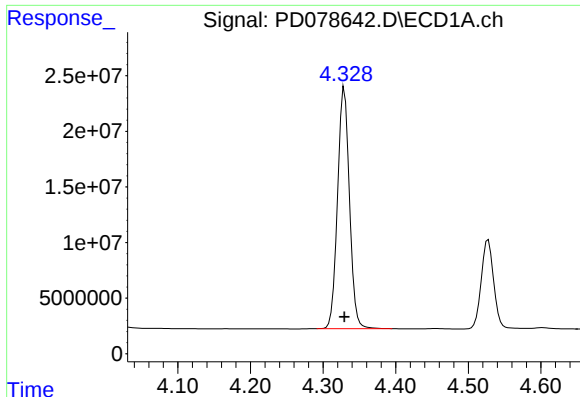
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 257066942
Conc: 52.93 ng/ml



#2 alpha-BHC

R.T.: 3.258 min
Delta R.T.: 0.000 min
Response: 163009227
Conc: 54.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 246898847
Conc: 52.78 ng/ml

Instrument :

ECD_D

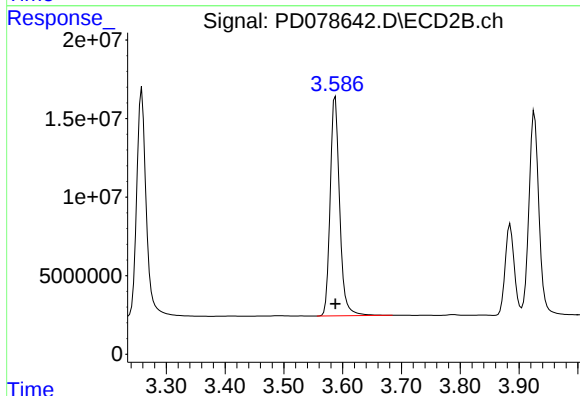
ClientSampleId :

PSTDCCC050

Manual Integrations

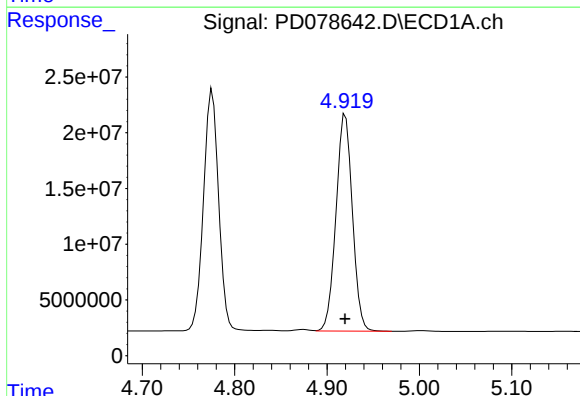
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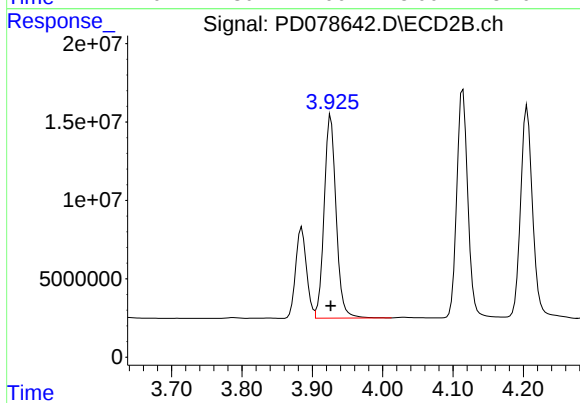
#3 gamma-BHC (Lindane)

R.T.: 3.587 min
Delta R.T.: 0.000 min
Response: 156885319
Conc: 54.15 ng/ml



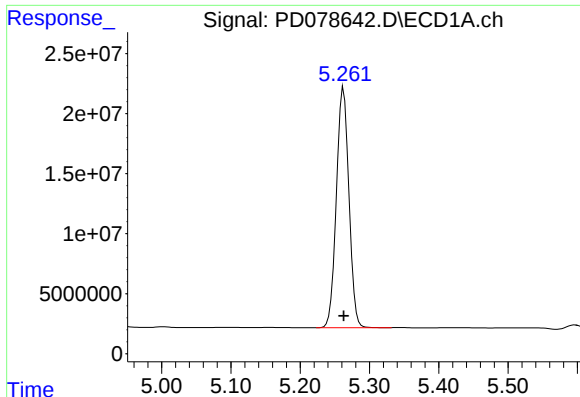
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 239910302
Conc: 51.03 ng/ml



#4 Heptachlor

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 153074298
Conc: 51.88 ng/ml



#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 251362868
Conc: 52.03 ng/ml

Instrument :

ECD_D

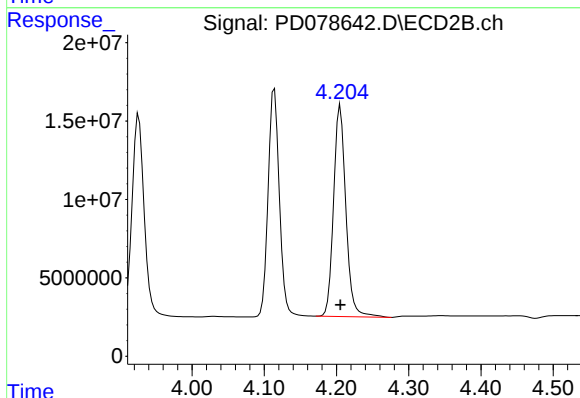
ClientSampleId :

PSTDCCC050

Manual Integrations

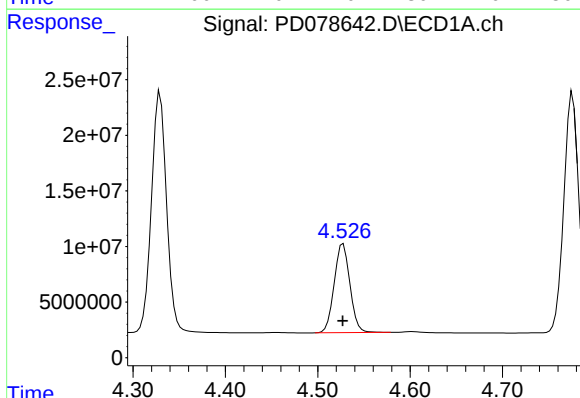
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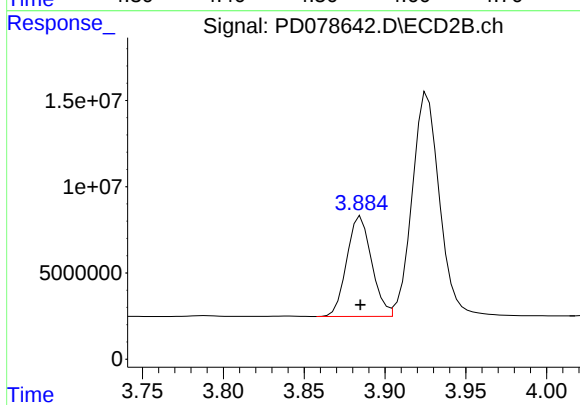
#5 Aldrin

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 159889088
Conc: 53.89 ng/ml



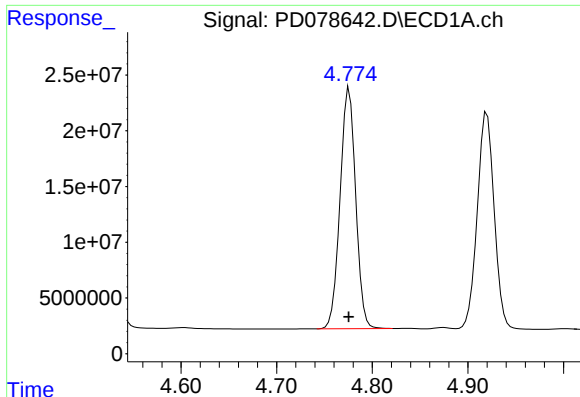
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 94846621
Conc: 51.07 ng/ml



#6 beta-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 62104769
Conc: 53.74 ng/ml



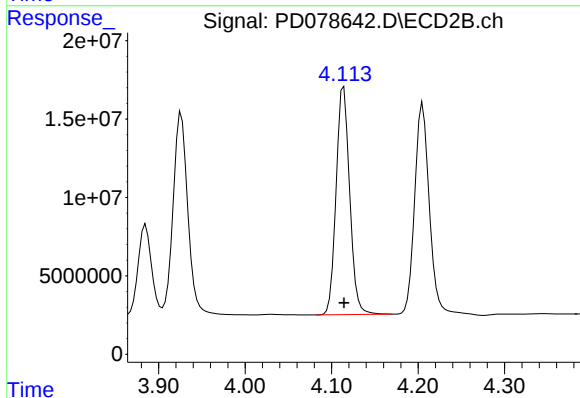
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 245471560
Conc: 54.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

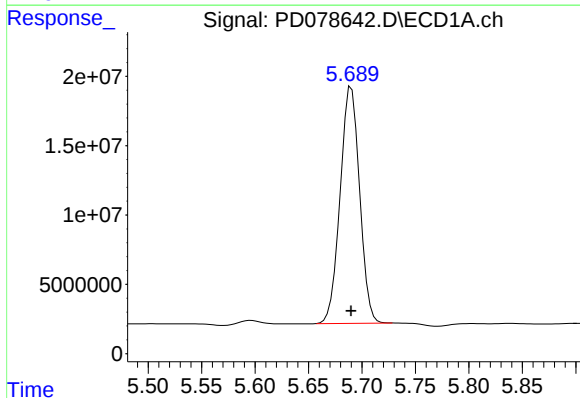
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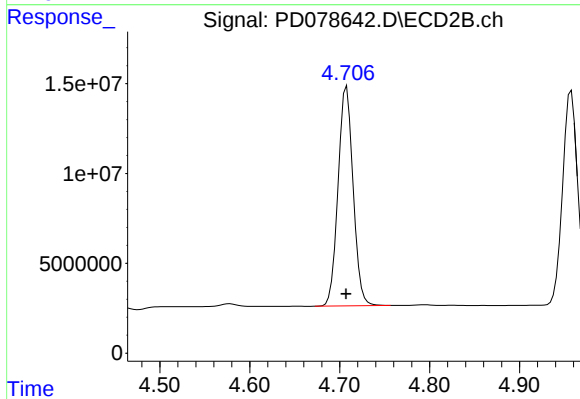
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 157779514
Conc: 55.14 ng/ml



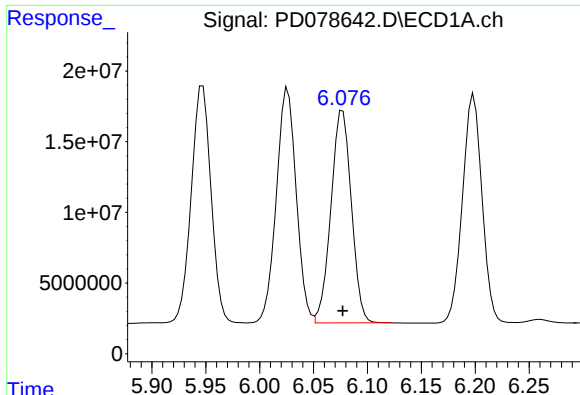
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 216622309
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 141828789
Conc: 52.48 ng/ml



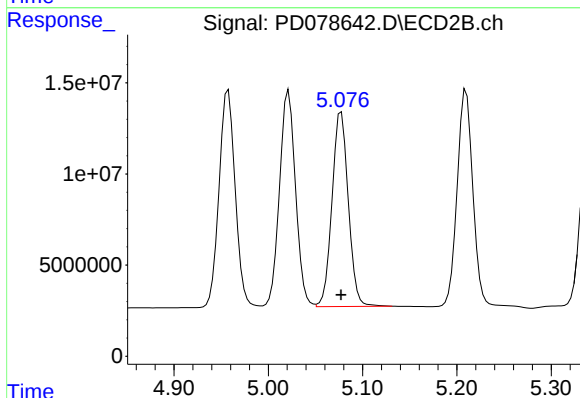
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 198254348
Conc: 50.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

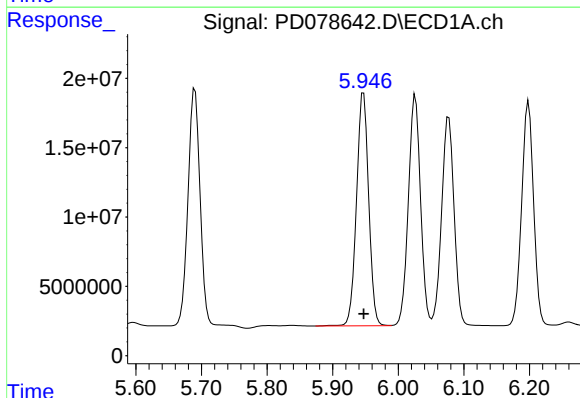
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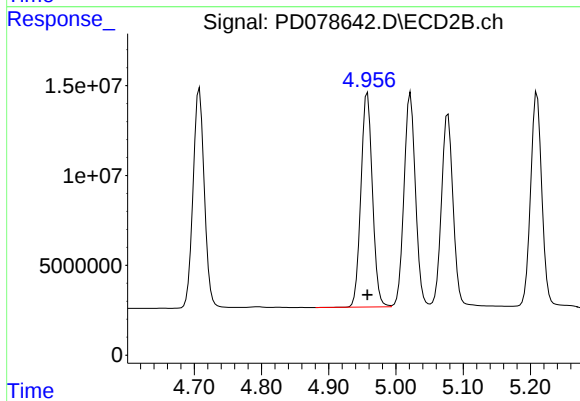
#9 Endosulfan I

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 128176667
Conc: 50.97 ng/ml



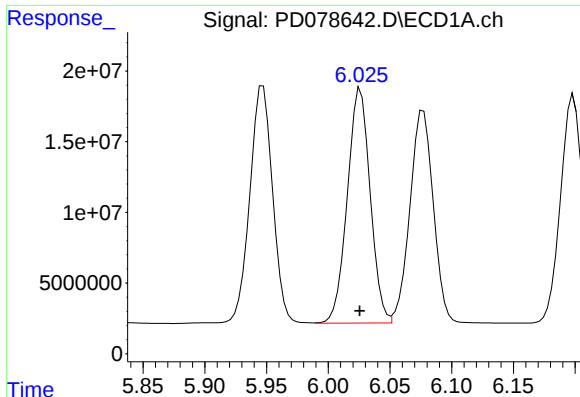
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 216478679
Conc: 51.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 141701992
Conc: 52.73 ng/ml



#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 214188925
Conc: 50.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

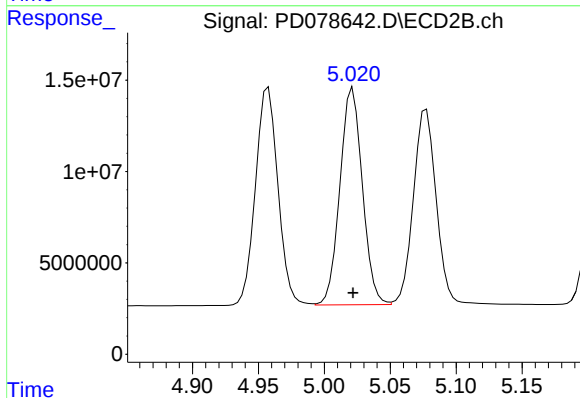
PSTDCCC050

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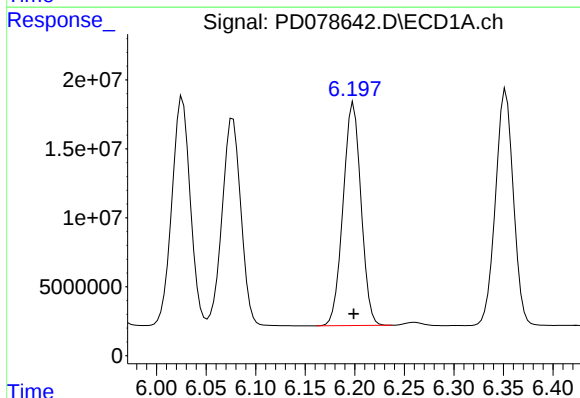
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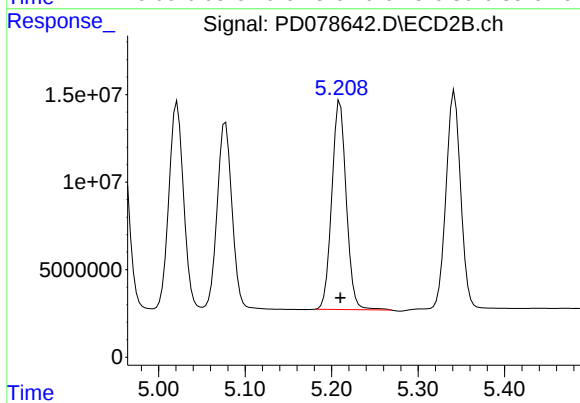
#11 alpha-Chlordane

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 140486524
Conc: 52.32 ng/ml



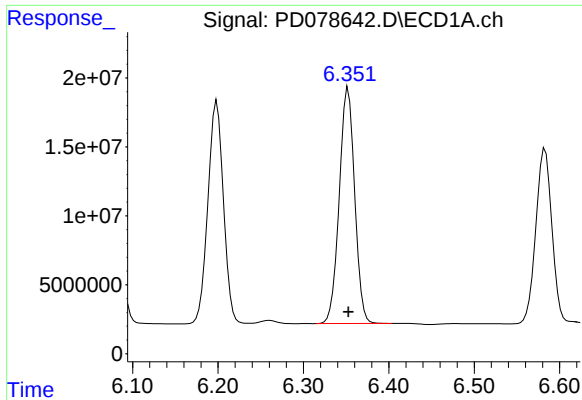
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 203634507
Conc: 50.88 ng/ml



#12 4,4'-DDE

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 138470837
Conc: 54.42 ng/ml



#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 214573719
Conc: 51.15 ng/ml

Instrument :

ECD_D

ClientSampleId :

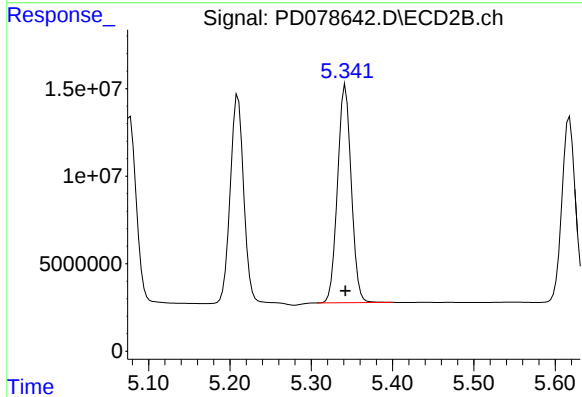
PSTDCCC050

Manual Integrations

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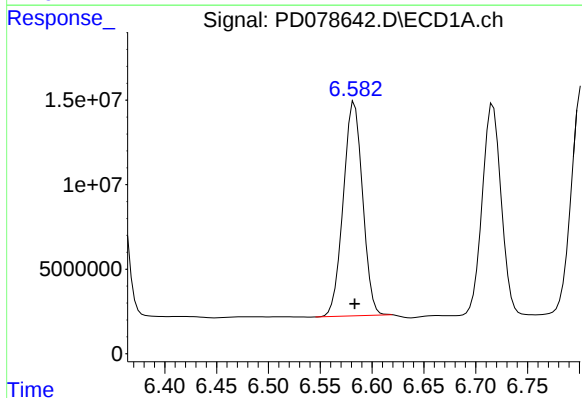
Reviewed By :Abdul Mirza 10/04/2023

Supervised By :Ankita Jodhani 10/04/2023



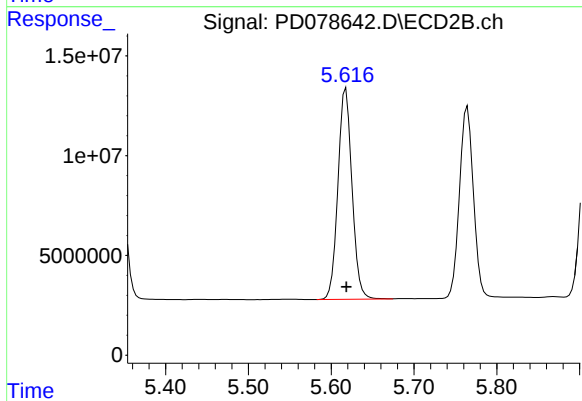
#13 Dieldrin

R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 145792139
Conc: 52.22 ng/ml



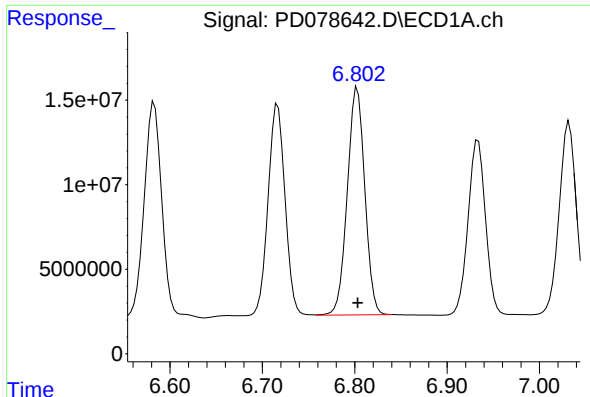
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 164490133
Conc: 48.98 ng/ml



#14 Endrin

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 124748072
Conc: 50.42 ng/ml



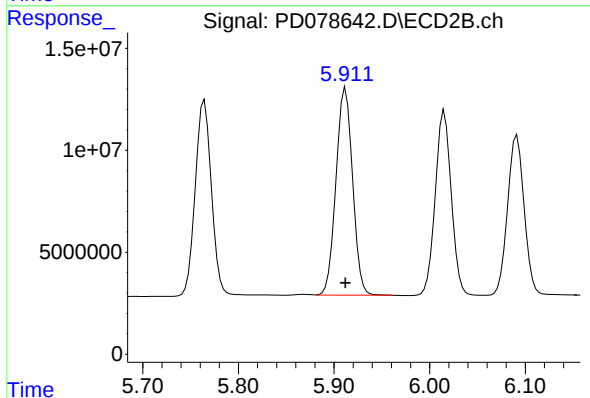
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.000 min
Response: 176911927
Conc: 49.15 ng/ml

Instrument :
ECD_D
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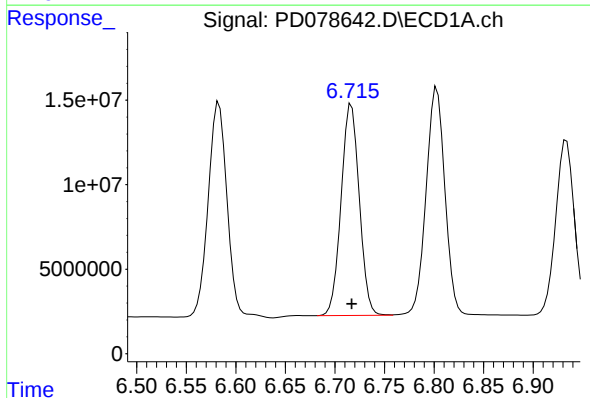
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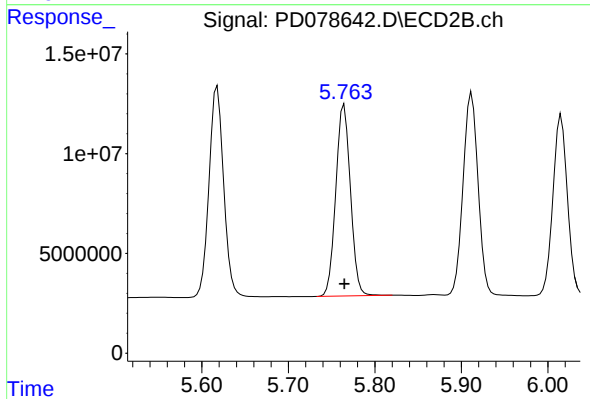
#15 Endosulfan II

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 122722207
Conc: 51.55 ng/ml



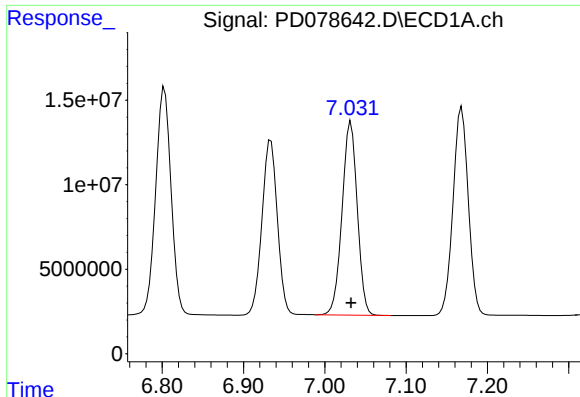
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 159421319
Conc: 53.58 ng/ml



#16 4,4'-DDD

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 112457064
Conc: 56.83 ng/ml



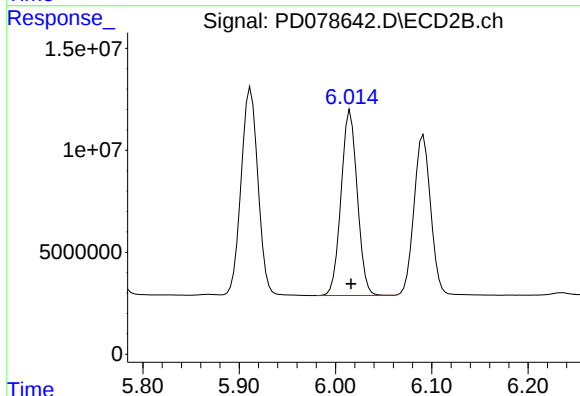
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 148342891
Conc: 50.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

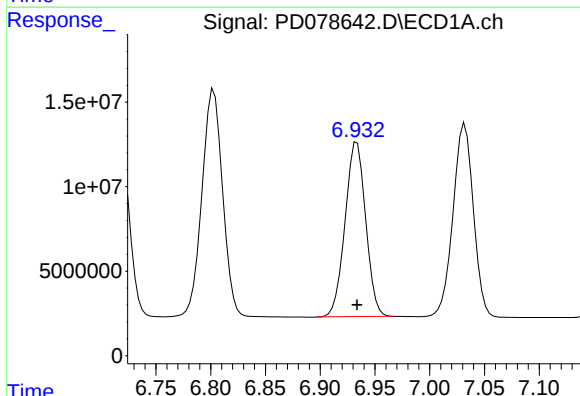
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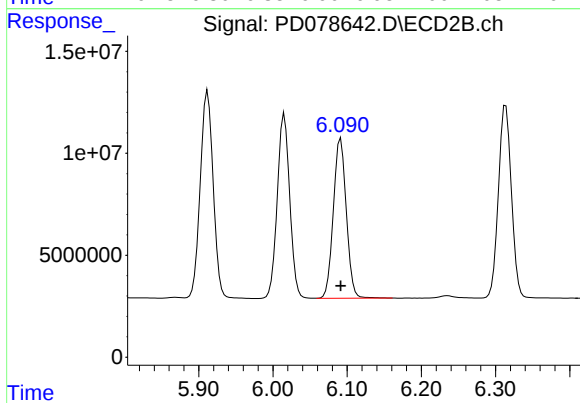
#17 4,4'-DDT

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 105899084
Conc: 52.03 ng/ml



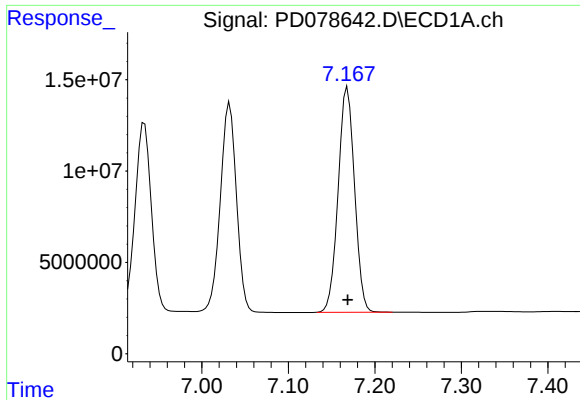
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: -0.001 min
Response: 135018778
Conc: 50.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.091 min
Delta R.T.: 0.000 min
Response: 95377130
Conc: 51.45 ng/ml



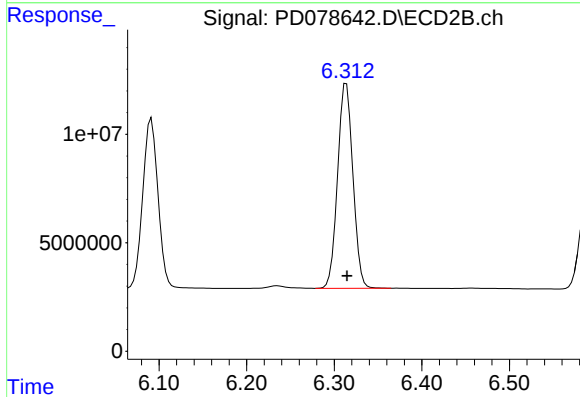
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.000 min
Response: 161408143
Conc: 50.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

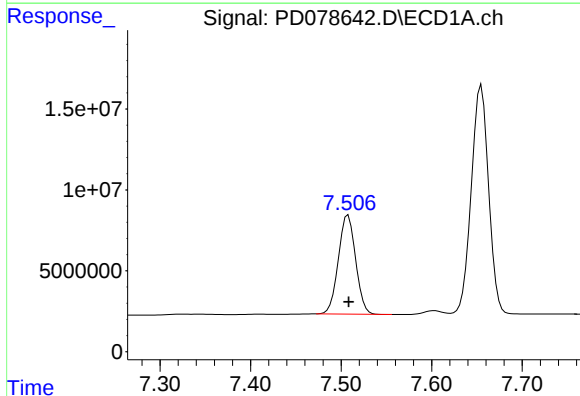
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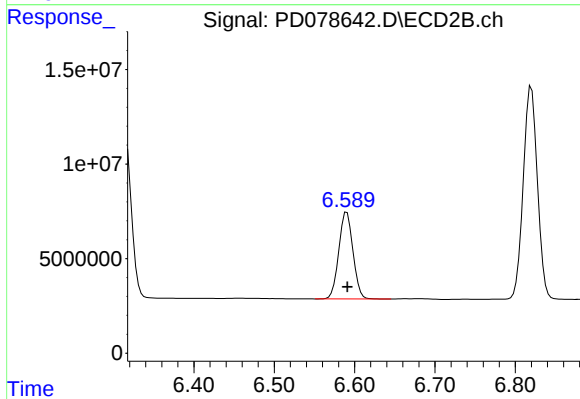
#19 Endosulfan Sulfate

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 114778820
Conc: 51.74 ng/ml



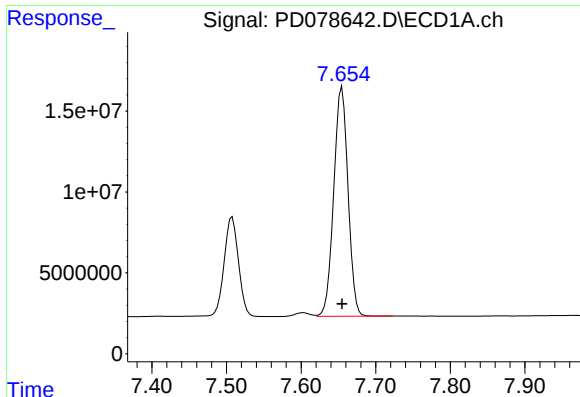
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 81217345
Conc: 48.66 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 56386430
Conc: 51.68 ng/ml



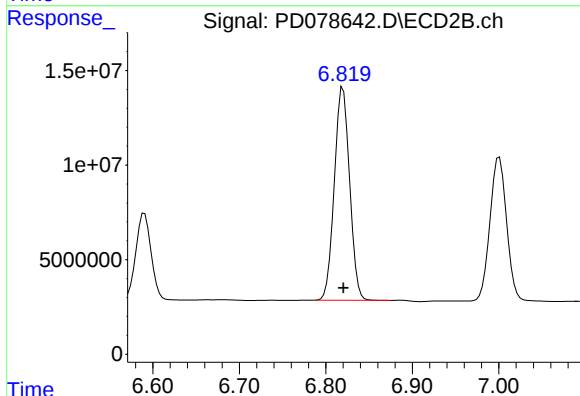
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 188572059
Conc: 52.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

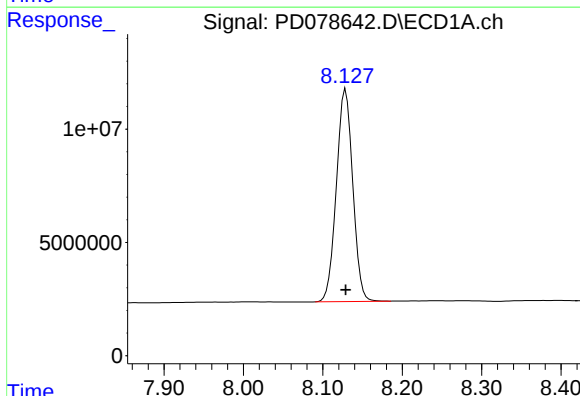
Manual Integrations
APPROVED

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



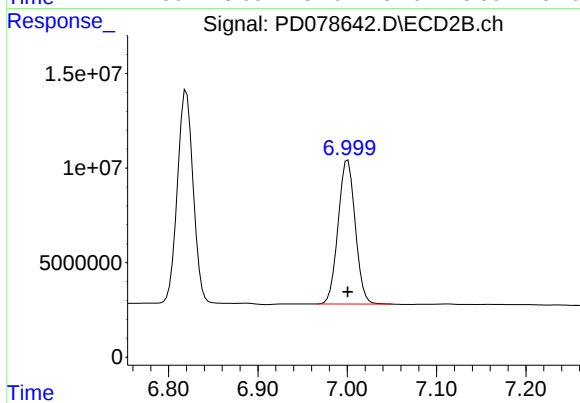
#21 Endrin ketone

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 137748403
Conc: 52.48 ng/ml



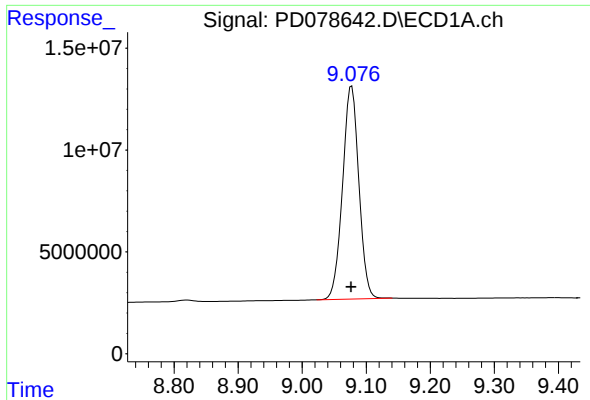
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.000 min
Response: 134521731
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 7.001 min
Delta R.T.: 0.000 min
Response: 101346332
Conc: 49.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 184580105
Conc: 49.77 ng/ml

Instrument :

ECD_D

ClientSampleId :

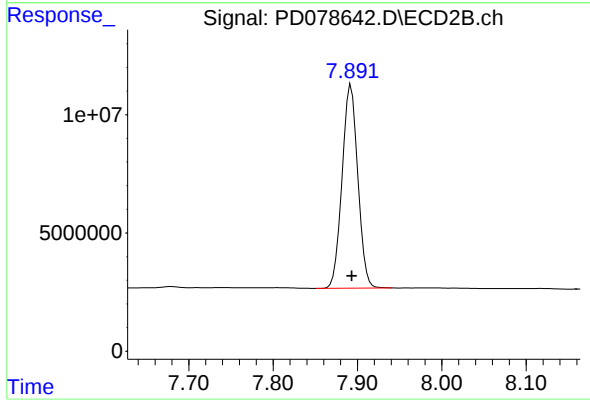
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.892 min
Delta R.T.: 0.000 min
Response: 111577102
Conc: 49.17 ng/ml