

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031722\
 Data File : PD068652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2022 15:35
 Operator : AR\AJ
 Sample : PB143387BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143387BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 17 03:14:34 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.457	4.176	24310965	203.8E6	20.023	21.314
2)	SA Decachlor...	8.219	9.374	27538669	129.3E6	21.798	22.817
Target Compounds							
2)	A alpha-BHC	3.897	4.572	96437583	711.1E6	53.263	51.665
3)	MA gamma-BHC...	4.181	4.863	88910855	642.7E6	53.247	51.405
4)	MA Heptachlor	4.480	5.391	87193211	622.1E6	52.925	52.348
5)	MB Aldrin	4.728	5.704	89910768	623.0E6	56.260	54.276
6)	B beta-BHC	4.432	5.026	36351332	269.2E6	48.823	49.045
7)	B delta-BHC	4.637	5.252	88815069	630.3E6	54.347	52.409
8)	B Heptachlo...	5.173	6.091	80922361	555.5E6	54.111	53.195
9)	A Endosulfan I	5.512	6.455	74789519	492.0E6	53.450	52.458
10)	B gamma-Chl...	5.399	6.328	82479445	544.0E6	54.372	52.780
11)	B alpha-Chl...	5.458	6.403	80897545	526.6E6	54.125	52.888
12)	B 4,4'-DDE	5.624	6.553	76549050	500.6E6	55.955	54.021
13)	MA Dieldrin	5.755	6.713	83145844	532.4E6	56.944	54.809
14)	MA Endrin	6.013	6.933	73927721	411.8E6	56.120	53.224
15)	B Endosulfa...	6.287	7.138	72036200	426.2E6	57.797	56.392
16)	A 4,4'-DDD	6.141	7.043	63603798	393.9E6	53.937	53.334m
17)	MA 4,4'-DDT	6.381	7.347	65045256	387.2E6	54.116	52.707
18)	B Endrin al...	6.457	7.263	57732288	346.7E6	58.154	57.285
19)	B Endosulfa...	6.669	7.487	69900851	399.2E6	54.660	54.272
20)	A Methoxychlor	6.932	7.800	36479707	194.7E6	52.638	53.425
21)	B Endrin ke...	7.163	7.962	80397464	415.9E6	54.612	53.675
22)	Mirex	7.346	8.428	68721218	322.4E6	57.984	58.814

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031722\
Data File : PD068652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2022 15:35
Operator : AR\AJ
Sample : PB143387BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

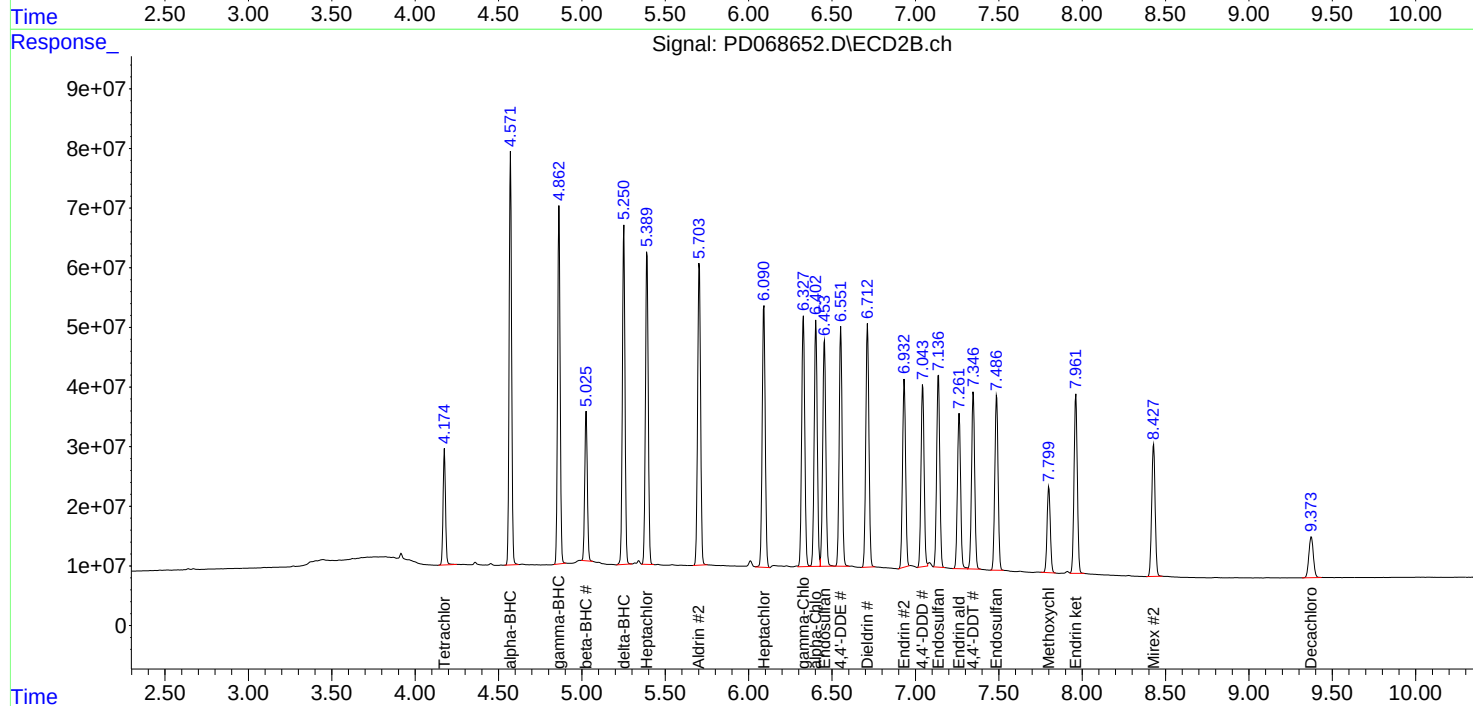
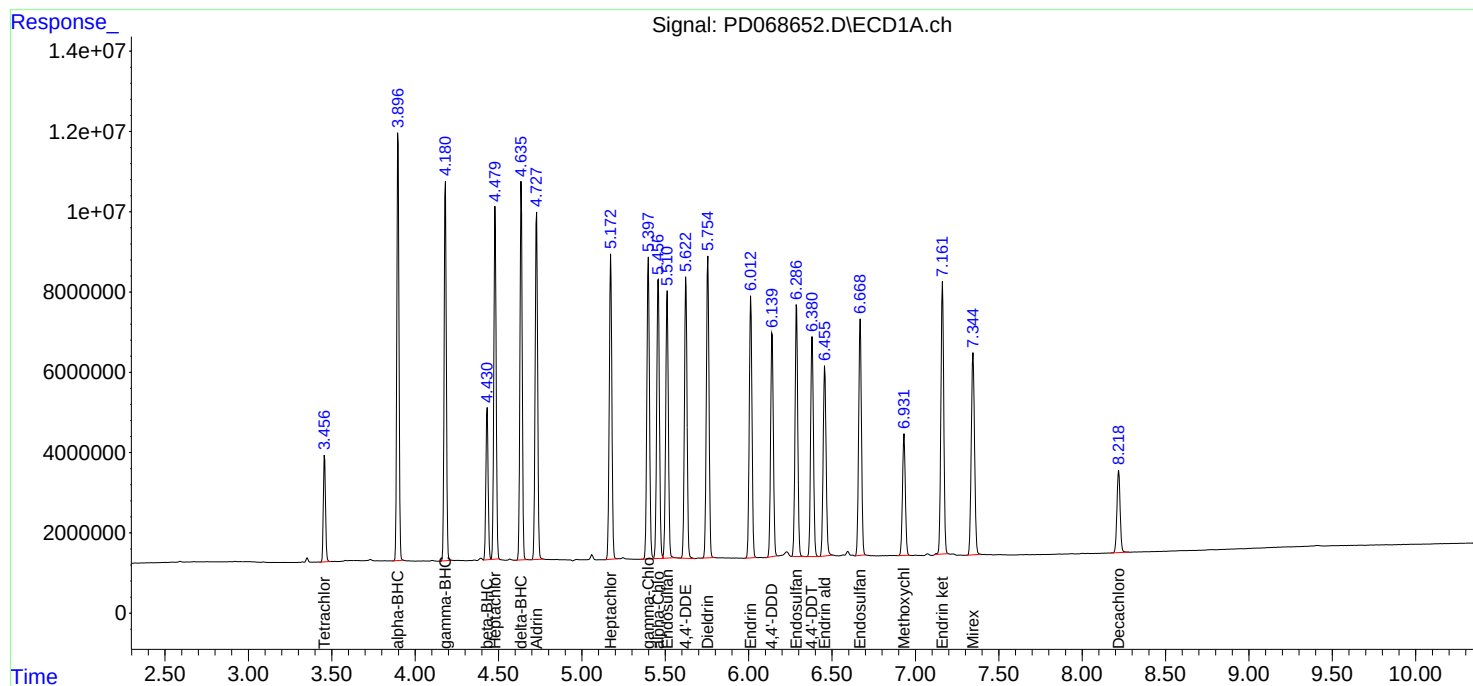
Instrument :
ECD_D
ClientSampleId :
PB143387BS

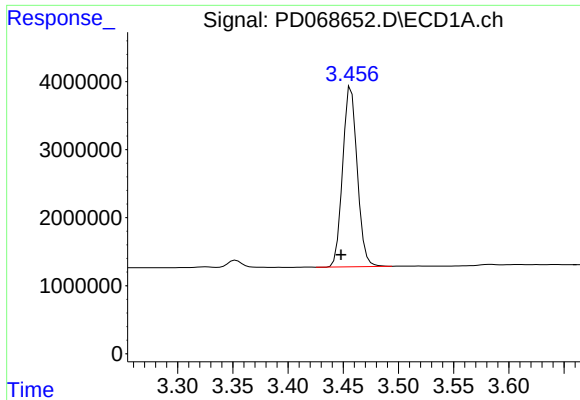
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/17/2022
Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 03:14:34 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.: 3.457 min
Delta R.T.: 0.009 min
Response: 24310965
Conc: 20.02 ng/ml

Instrument :

ECD_D

ClientSampleId :

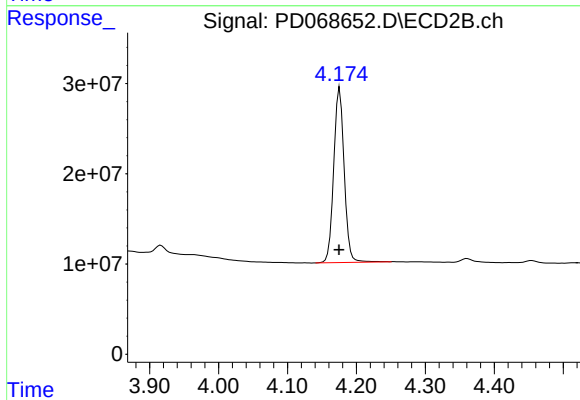
PB143387BS

Manual Integrations

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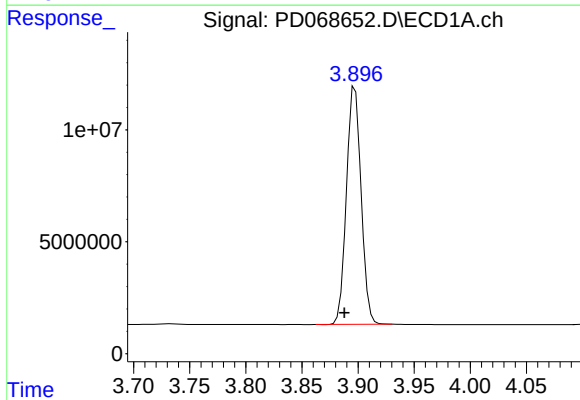
Reviewed By :Abdul Mirza 03/17/2022

Supervised By :Ankita Jodhani 03/17/2022



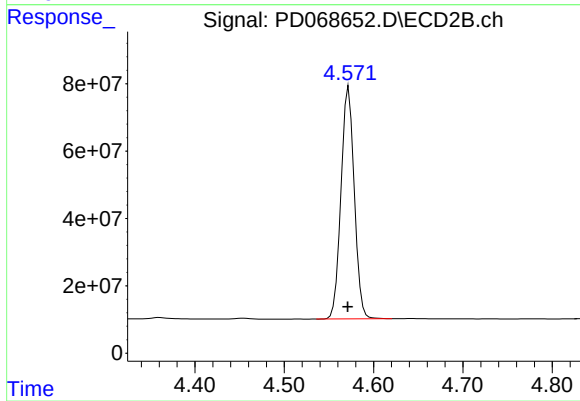
#1 Tetrachloro-m-xylene

R.T.: 4.176 min
Delta R.T.: 0.001 min
Response: 203781617
Conc: 21.31 ng/ml



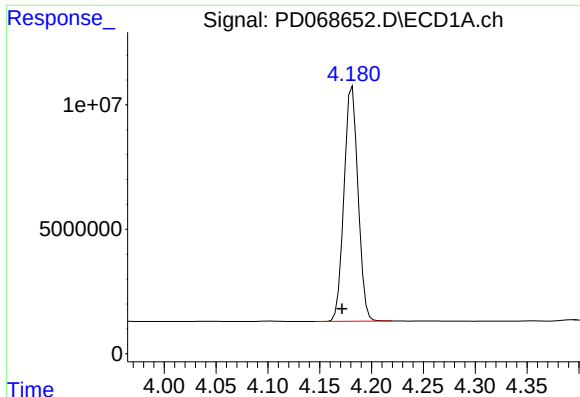
#2 alpha-BHC

R.T.: 3.897 min
Delta R.T.: 0.010 min
Response: 96437583
Conc: 53.26 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.001 min
Response: 711056951
Conc: 51.66 ng/ml



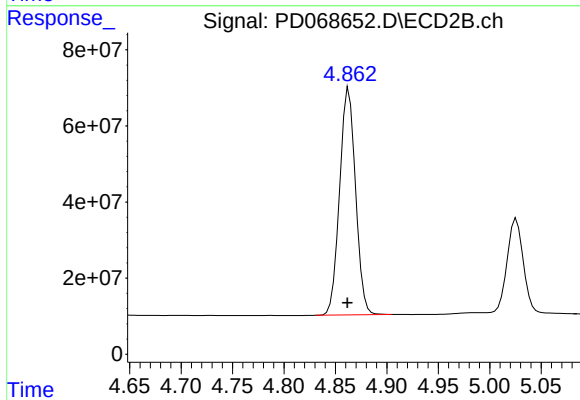
#3 gamma-BHC (Lindane)

R.T.: 4.181 min
Delta R.T.: 0.010 min
Response: 88910855
Conc: 53.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

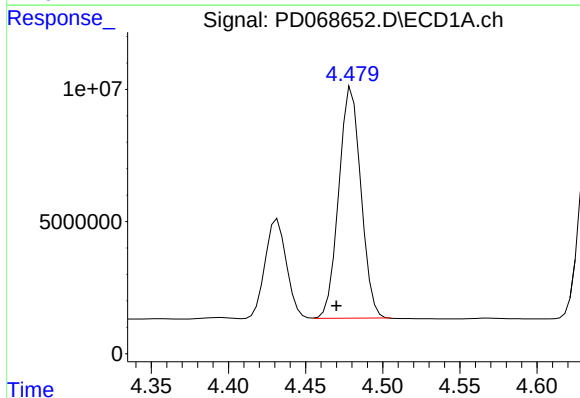
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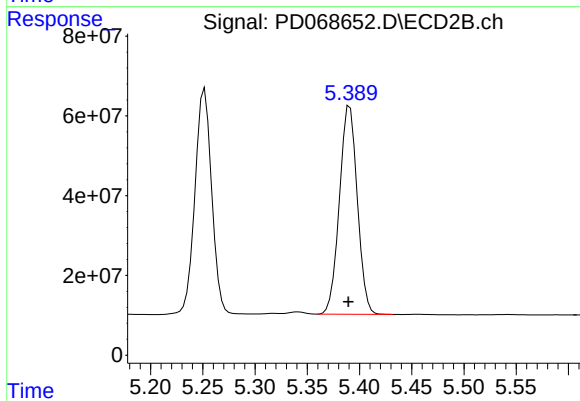
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 642725695
Conc: 51.40 ng/ml



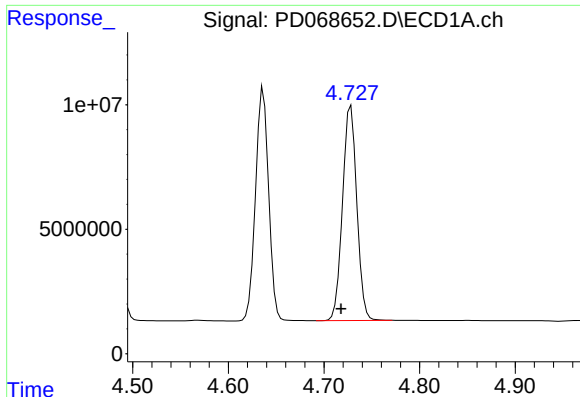
#4 Heptachlor

R.T.: 4.480 min
Delta R.T.: 0.010 min
Response: 87193211
Conc: 52.93 ng/ml



#4 Heptachlor

R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 622113758
Conc: 52.35 ng/ml



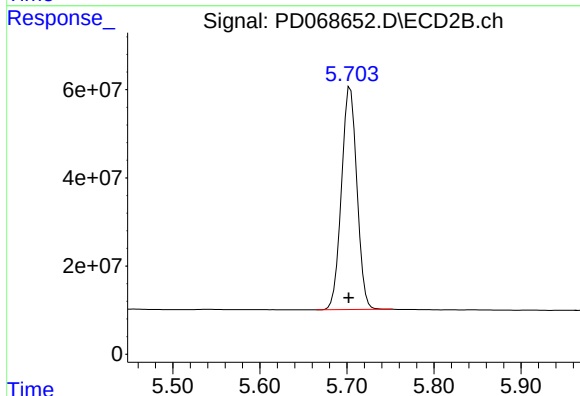
#5 Aldrin

R.T.: 4.728 min
Delta R.T.: 0.010 min
Response: 89910768
Conc: 56.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

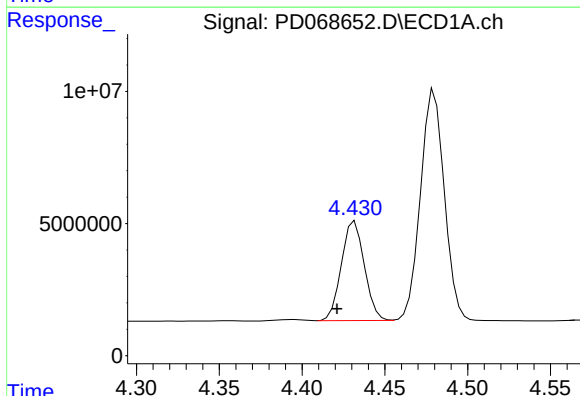
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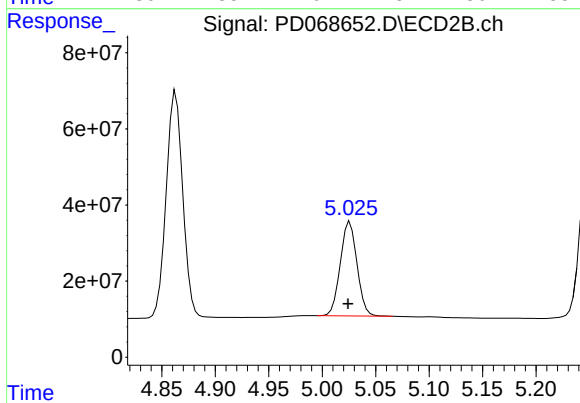
#5 Aldrin

R.T.: 5.704 min
Delta R.T.: 0.002 min
Response: 623025987
Conc: 54.28 ng/ml



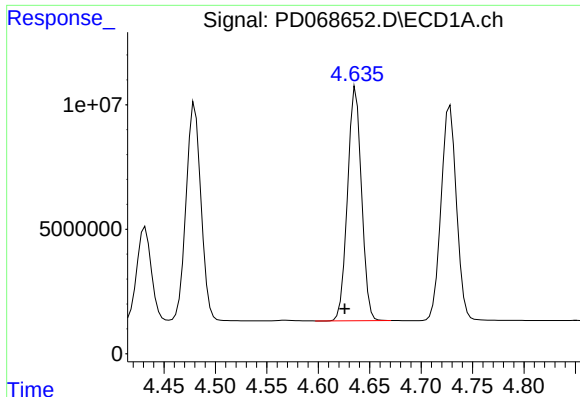
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.011 min
Response: 36351332
Conc: 48.82 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.002 min
Response: 269248830
Conc: 49.04 ng/ml



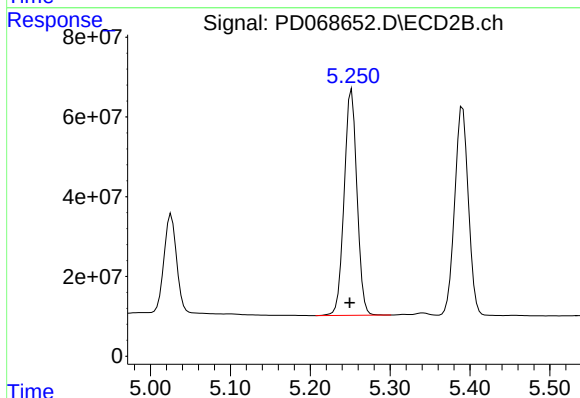
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: 0.011 min
Response: 88815069
Conc: 54.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

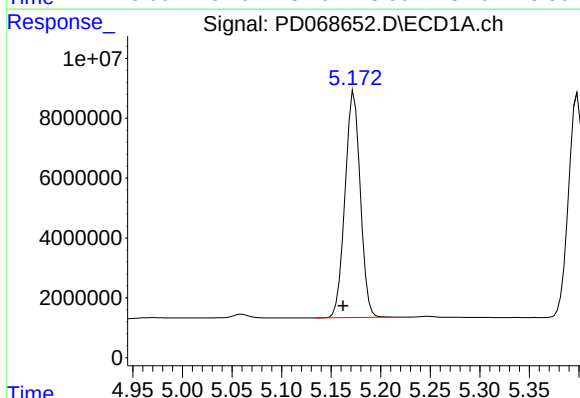
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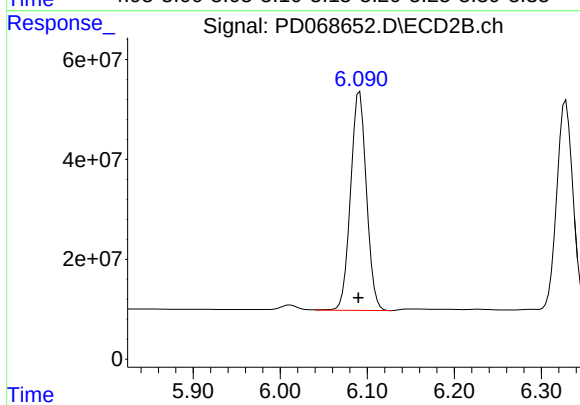
#7 delta-BHC

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 630251844
Conc: 52.41 ng/ml



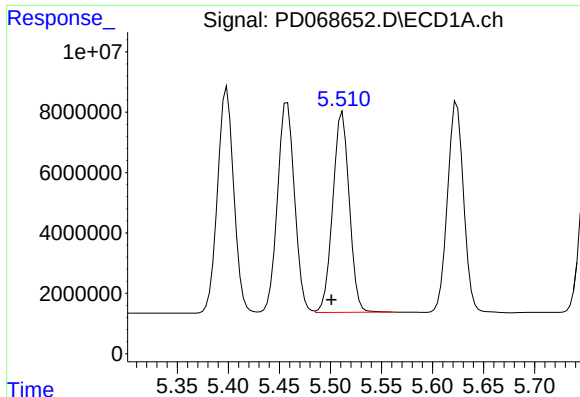
#8 Heptachlor epoxide

R.T.: 5.173 min
Delta R.T.: 0.011 min
Response: 80922361
Conc: 54.11 ng/ml



#8 Heptachlor epoxide

R.T.: 6.091 min
Delta R.T.: 0.001 min
Response: 555507536
Conc: 53.20 ng/ml



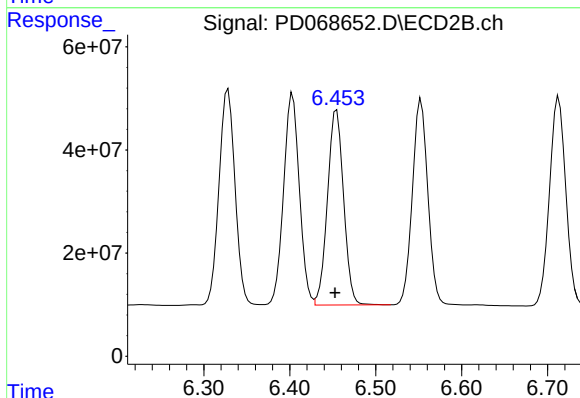
#9 Endosulfan I

R.T.: 5.512 min
Delta R.T.: 0.011 min
Response: 74789519
Conc: 53.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

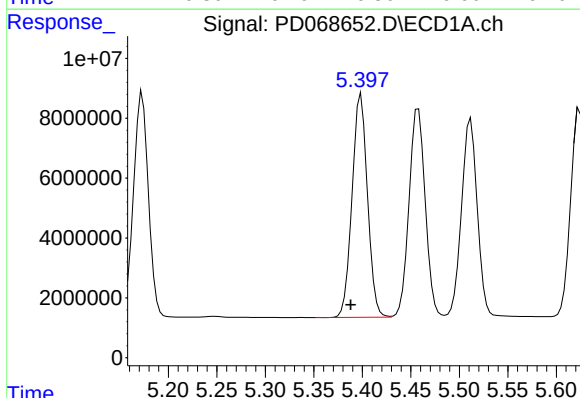
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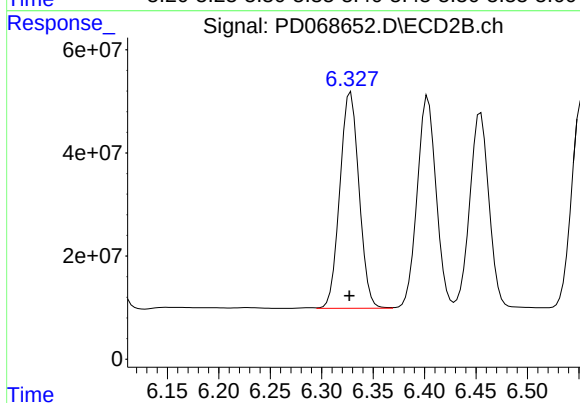
#9 Endosulfan I

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 491955780
Conc: 52.46 ng/ml



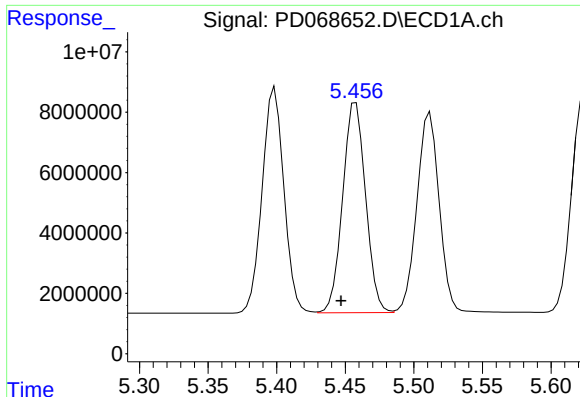
#10 gamma-Chlordane

R.T.: 5.399 min
Delta R.T.: 0.011 min
Response: 82479445
Conc: 54.37 ng/ml



#10 gamma-Chlordane

R.T.: 6.328 min
Delta R.T.: 0.001 min
Response: 544008494
Conc: 52.78 ng/ml



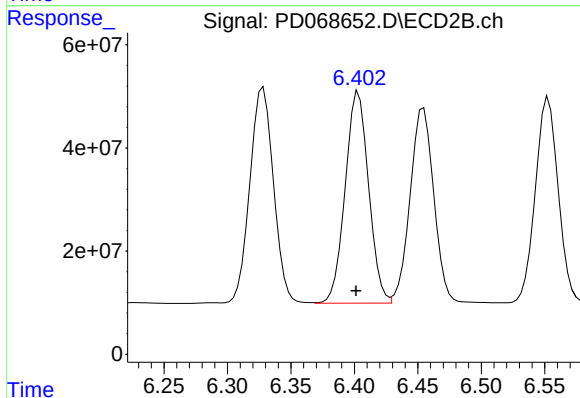
#11 alpha-Chlordane

R.T.: 5.458 min
Delta R.T.: 0.011 min
Response: 80897545
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

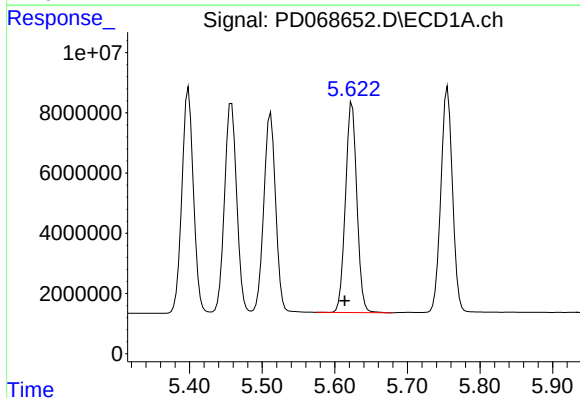
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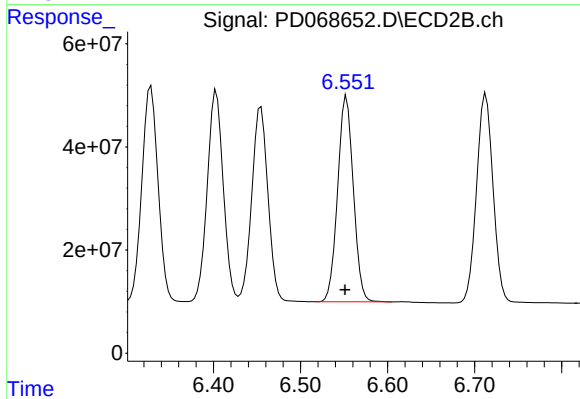
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 526558256
Conc: 52.89 ng/ml



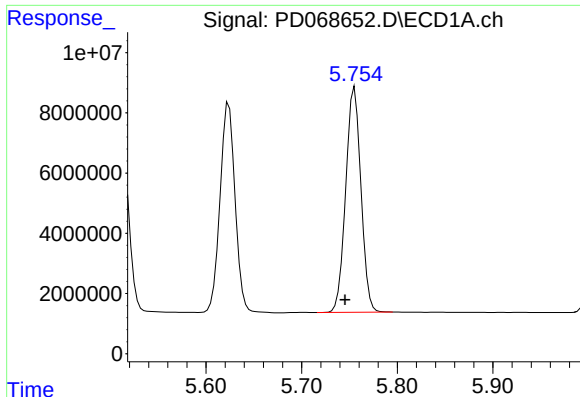
#12 4,4'-DDE

R.T.: 5.624 min
Delta R.T.: 0.010 min
Response: 76549050
Conc: 55.95 ng/ml



#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 500603071
Conc: 54.02 ng/ml



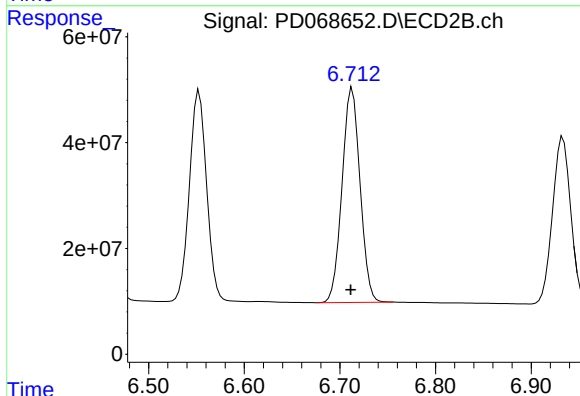
#13 Dieldrin

R.T.: 5.755 min
Delta R.T.: 0.010 min
Response: 83145844
Conc: 56.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

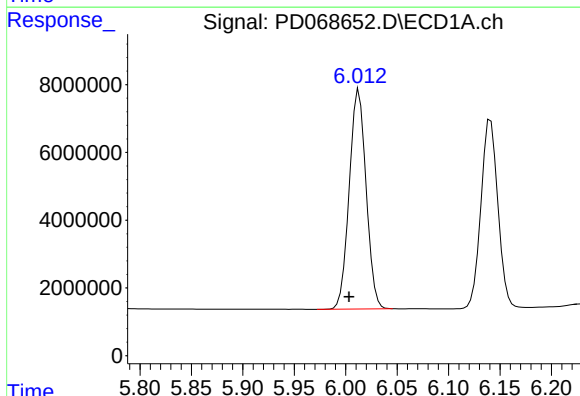
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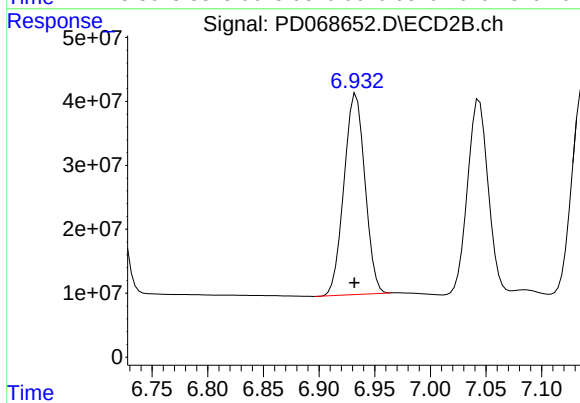
#13 Dieldrin

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 532358350
Conc: 54.81 ng/ml



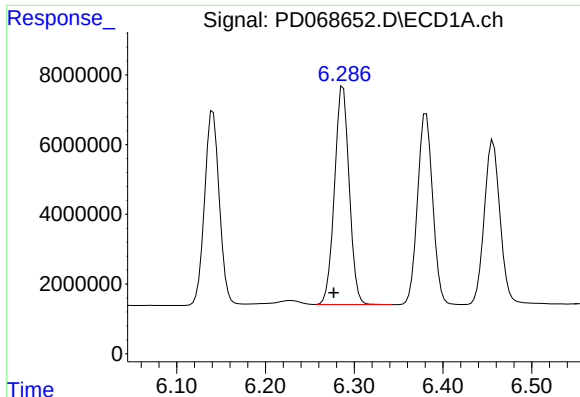
#14 Endrin

R.T.: 6.013 min
Delta R.T.: 0.010 min
Response: 73927721
Conc: 56.12 ng/ml



#14 Endrin

R.T.: 6.933 min
Delta R.T.: 0.002 min
Response: 411820226
Conc: 53.22 ng/ml



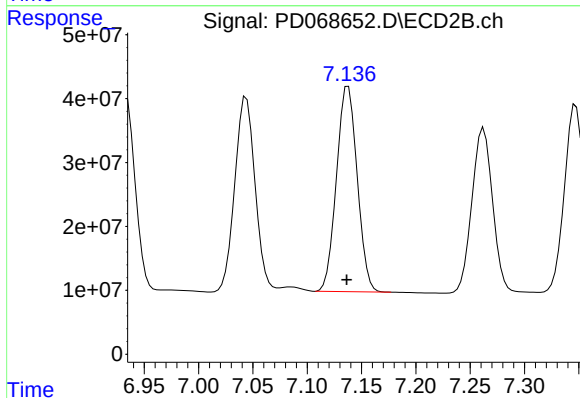
#15 Endosulfan II

R.T.: 6.287 min
Delta R.T.: 0.010 min
Response: 72036200
Conc: 57.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

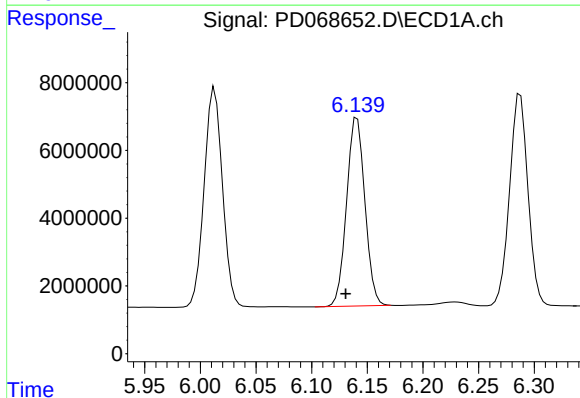
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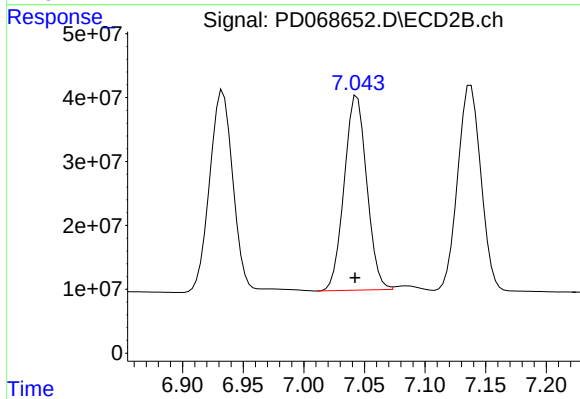
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 426242502
Conc: 56.39 ng/ml



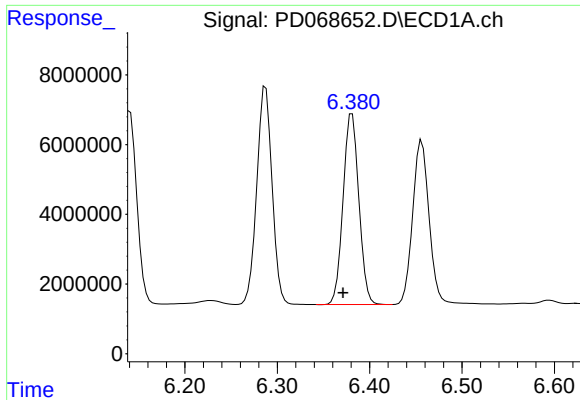
#16 4,4'-DDD

R.T.: 6.141 min
Delta R.T.: 0.010 min
Response: 63603798
Conc: 53.94 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 393883763
Conc: 53.33 ng/ml m



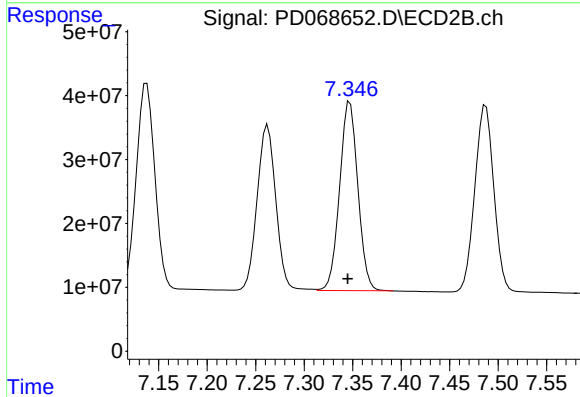
#17 4,4'-DDT

R.T.: 6.381 min
Delta R.T.: 0.010 min
Response: 65045256
Conc: 54.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

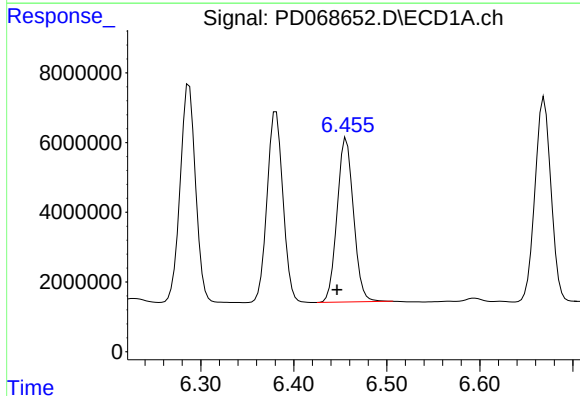
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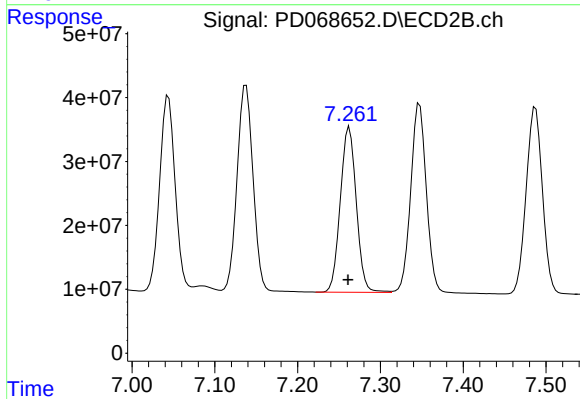
#17 4,4'-DDT

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 387227971
Conc: 52.71 ng/ml



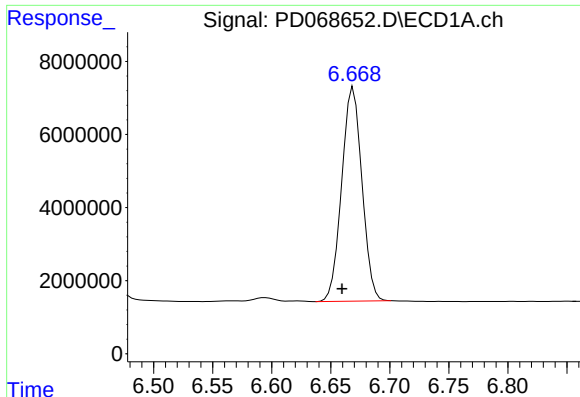
#18 Endrin aldehyde

R.T.: 6.457 min
Delta R.T.: 0.010 min
Response: 57732288
Conc: 58.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.263 min
Delta R.T.: 0.002 min
Response: 346677393
Conc: 57.29 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.669 min
Delta R.T.: 0.010 min
Response: 69900851
Conc: 54.66 ng/ml

Instrument :

ECD_D

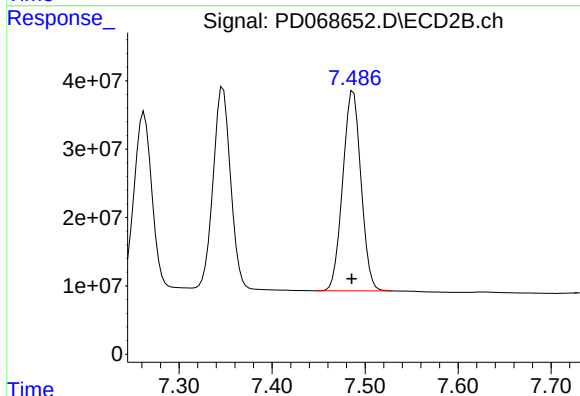
ClientSampleId :

PB143387BS

Manual Integrations

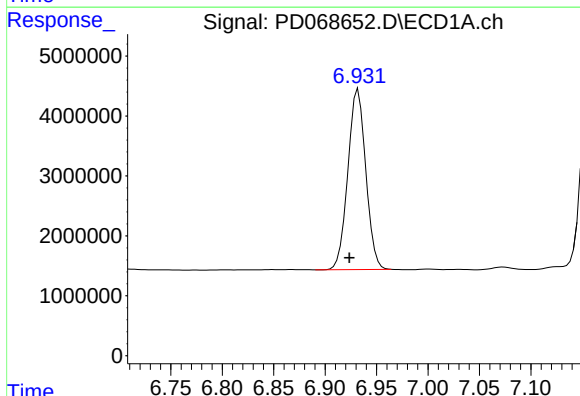
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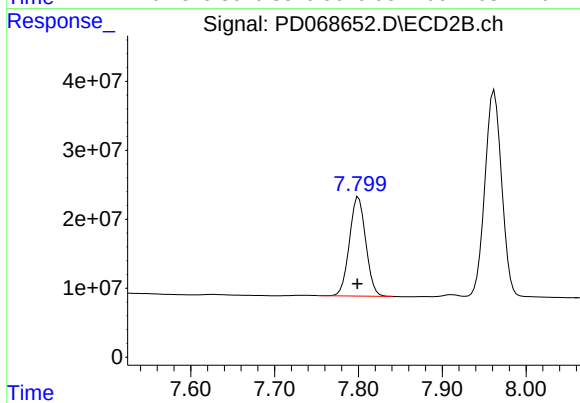
#19 Endosulfan Sulfate

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 399177622
Conc: 54.27 ng/ml



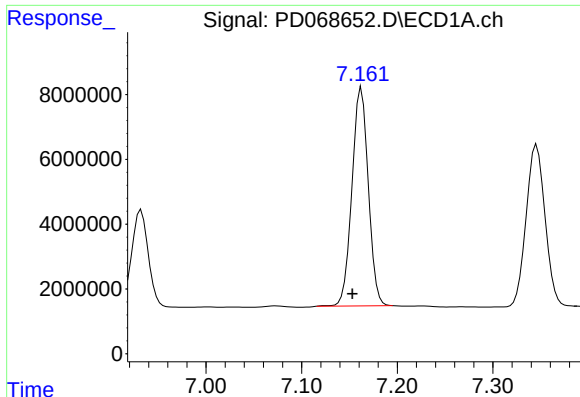
#20 Methoxychlor

R.T.: 6.932 min
Delta R.T.: 0.008 min
Response: 36479707
Conc: 52.64 ng/ml



#20 Methoxychlor

R.T.: 7.800 min
Delta R.T.: 0.001 min
Response: 194748342
Conc: 53.42 ng/ml



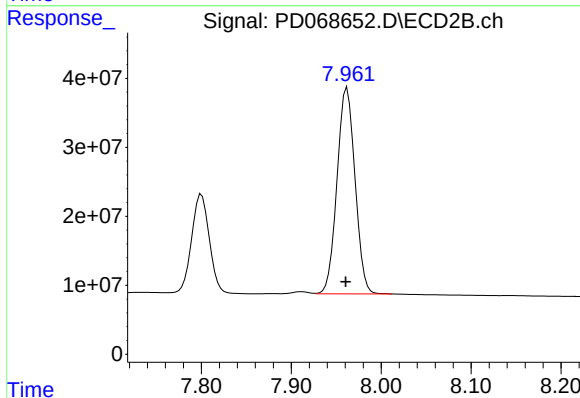
#21 Endrin ketone

R.T.: 7.163 min
Delta R.T.: 0.010 min
Response: 80397464
Conc: 54.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143387BS

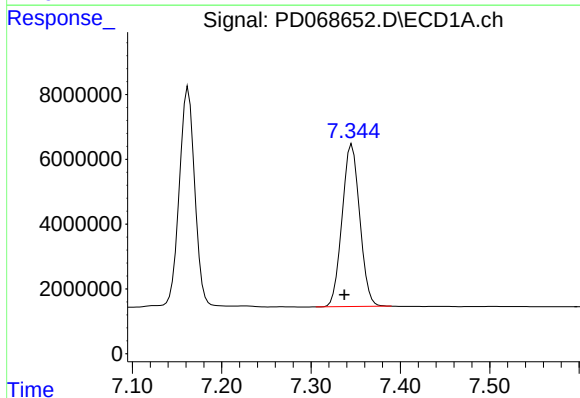
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Reviewed By :Abdul Mirza 03/17/2022
Supervised By :Ankita Jodhani 03/17/2022



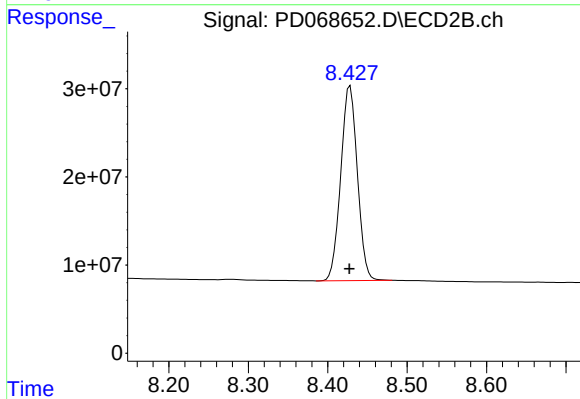
#21 Endrin ketone

R.T.: 7.962 min
Delta R.T.: 0.001 min
Response: 415911653
Conc: 53.67 ng/ml



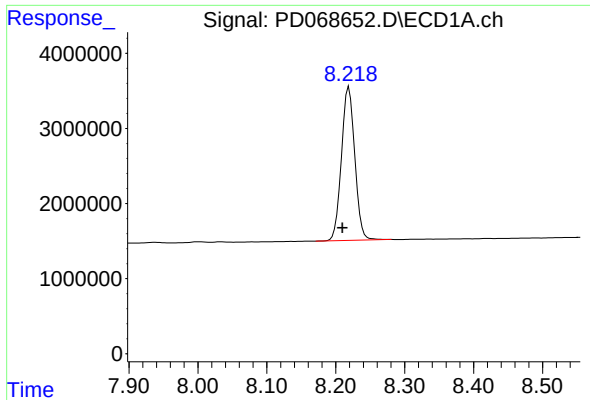
#22 Mirex

R.T.: 7.346 min
Delta R.T.: 0.008 min
Response: 68721218
Conc: 57.98 ng/ml



#22 Mirex

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 322378180
Conc: 58.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.219 min
Delta R.T.: 0.009 min
Response: 27538669
Conc: 21.80 ng/ml

Instrument :

ECD_D

ClientSampleId :

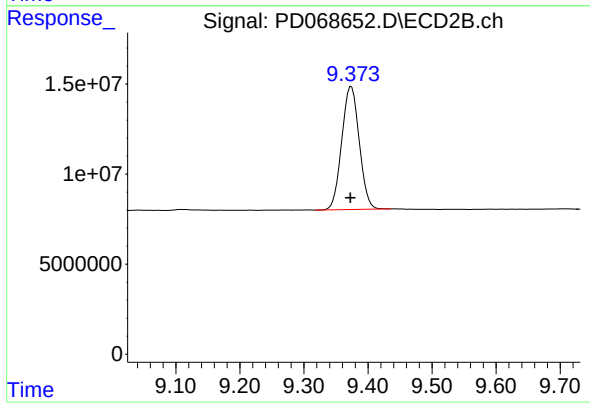
PB143387BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 03/17/2022

Supervised By :Ankita Jodhani 03/17/2022



#28 Decachlorobiphenyl

R.T.: 9.374 min
Delta R.T.: 0.002 min
Response: 129298432
Conc: 22.82 ng/ml