

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031523\
 Data File : PL081468.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 09:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/16/2023
 Supervised By :Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 01:39:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.333	2.663	120.6E6	105.3E6	55.826	52.023
28) SA Decachlor...	8.760	7.786	77944141	97033575	51.126	50.656
Target Compounds						
2) A alpha-BHC	3.783	3.163	182.1E6	152.2E6	57.254	51.941
3) MA gamma-BHC...	4.112	3.491	167.6E6	143.4E6	56.657	52.108
4) MA Heptachlor	4.692	3.825	157.1E6	145.9E6	56.931	52.886
5) MB Aldrin	5.029	4.103	142.4E6	135.8E6	55.989	51.814
6) B beta-BHC	4.314	3.790	74214288	61362612	53.916	52.870
7) B delta-BHC	4.555	4.018	160.0E6	136.3E6	57.573	53.541
8) B Heptachlo...	5.455	4.605	129.1E6	124.7E6	54.690	51.585
9) A Endosulfan I	5.836	4.973	115.5E6	116.6E6	54.658	51.513
10) B gamma-Chl...	5.710	4.854	127.9E6	127.0E6	56.045	51.892
11) B alpha-Chl...	5.788	4.917	124.5E6	126.1E6	55.251	51.501
12) B 4,4'-DDE	5.966	5.107	108.3E6	105.8E6	55.375	53.882m
13) MA Dieldrin	6.111	5.238	115.1E6	117.3E6	55.016	52.054
14) MA Endrin	6.338	5.512	99468996	103.2E6	54.729	51.328
15) B Endosulfa...	6.559	5.808	94211662	95379595	54.036	51.732
16) A 4,4'-DDD	6.481	5.663	87044922	84701210	56.546	55.212
17) MA 4,4'-DDT	6.793	5.912	89362699	90369352	56.298	56.329
18) B Endrin al...	6.688	5.989	76972559	78059188	53.776m	51.523
19) B Endosulfa...	6.924	6.211	96315008	97929300	53.642	50.950
20) A Methoxychlor	7.274	6.492	47578946	49457317	55.237	53.289
21) B Endrin ke...	7.404	6.716	99043792	110.1E6	54.600	51.123m
22) Mirex	7.869	6.890	77485751	96221758	53.105	49.995

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031523\
Data File : PL081468.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Mar 2023 09:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

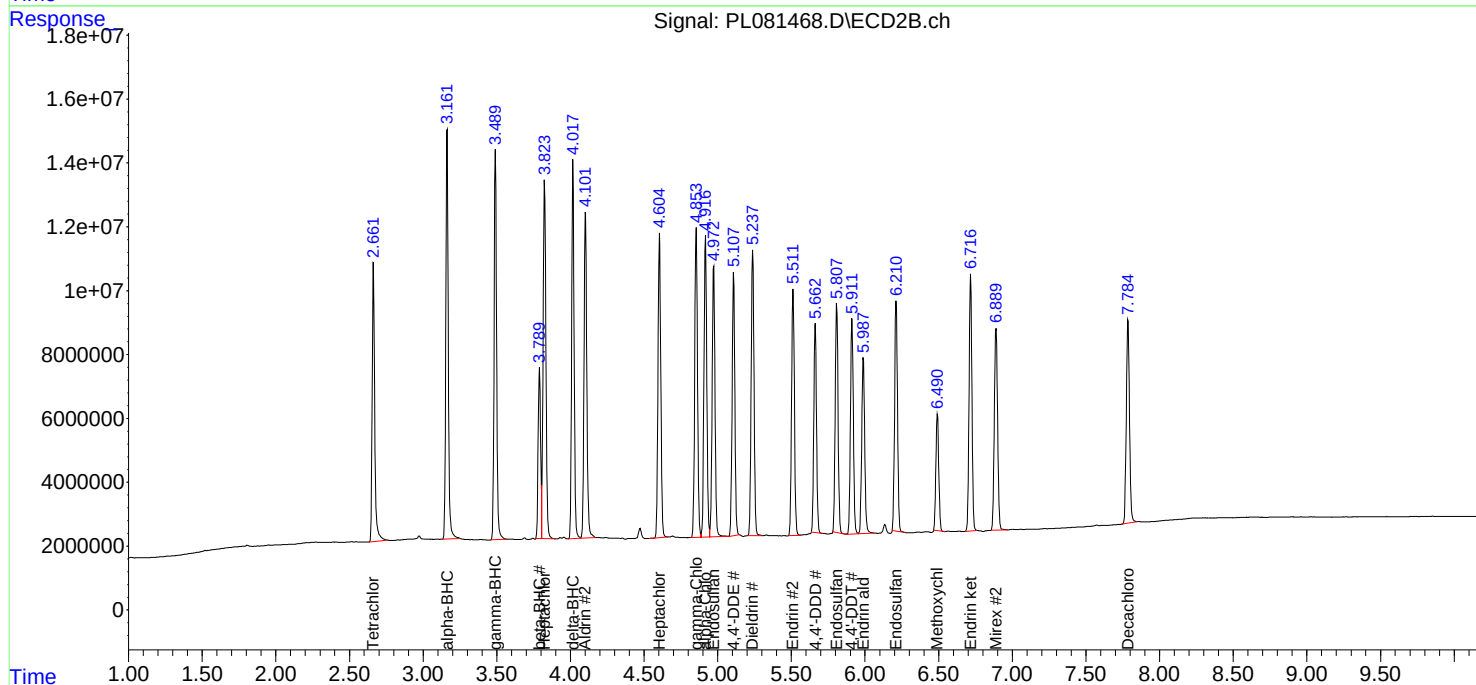
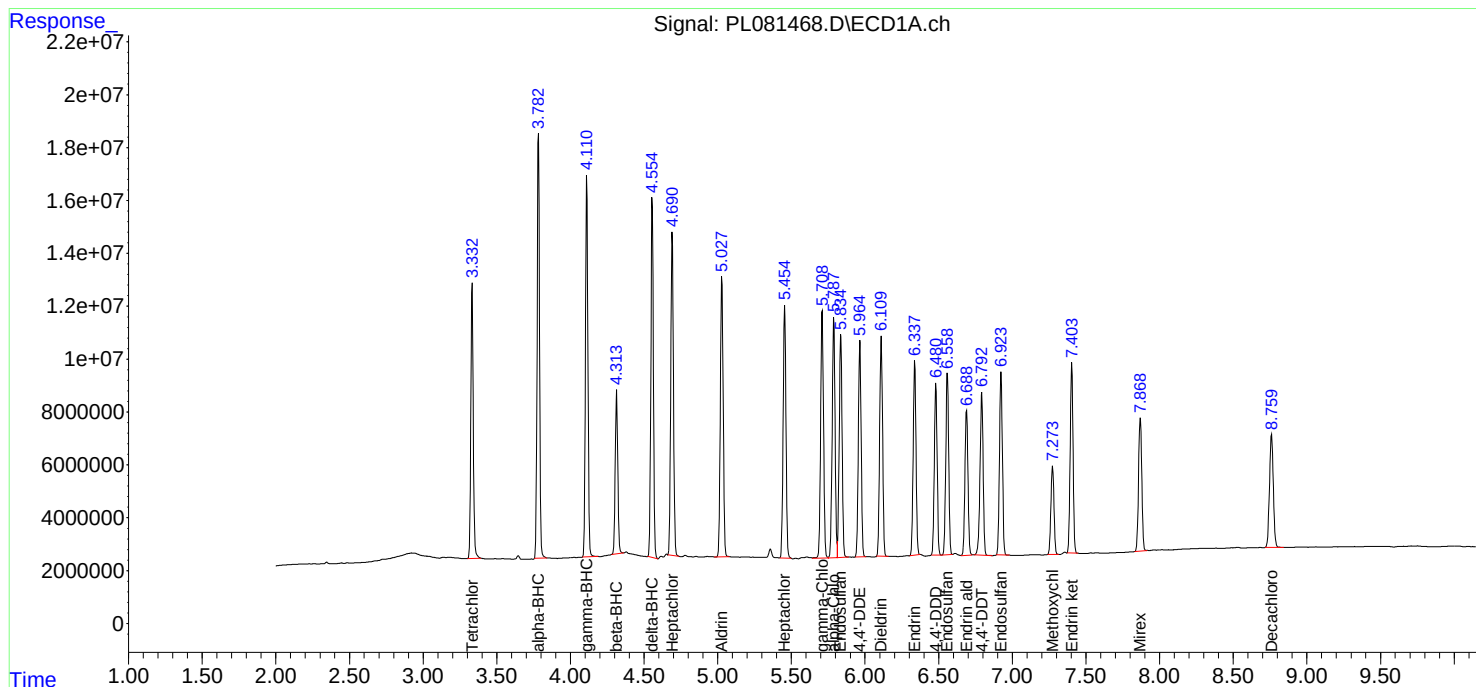
APPROVED

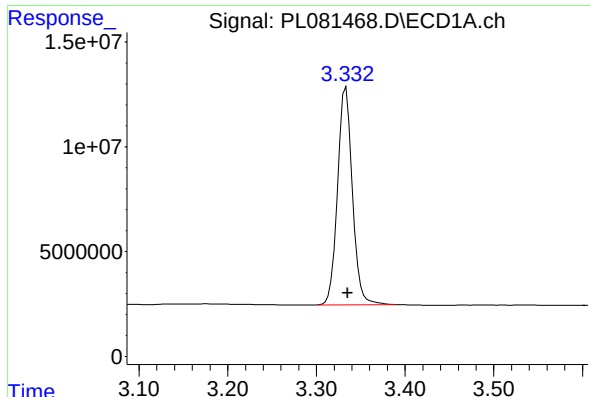
Reviewed By :Abdul Mirza 03/16/2023

Supervised By :Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 01:39:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
Response via : Initial Calibration
Integrator: ChemStation

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





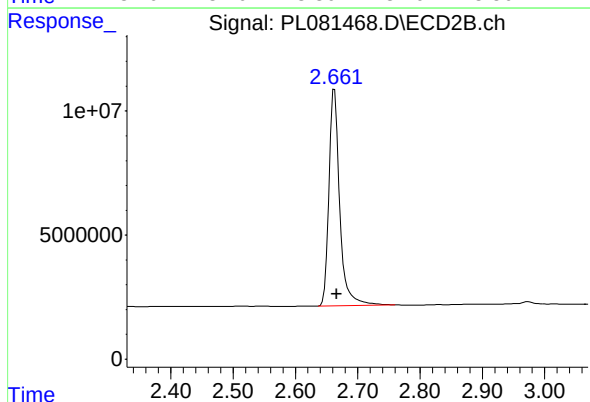
#1 Tetrachloro-m-xylene

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 120615399
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

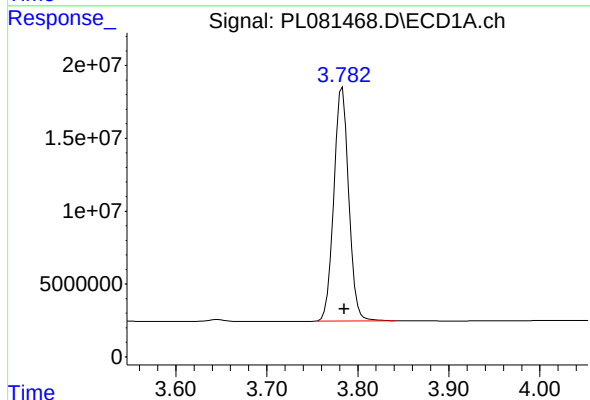
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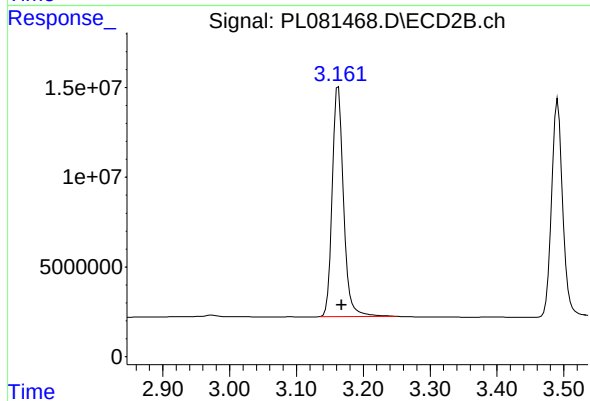
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.004 min
Response: 105285659
Conc: 52.02 ng/ml



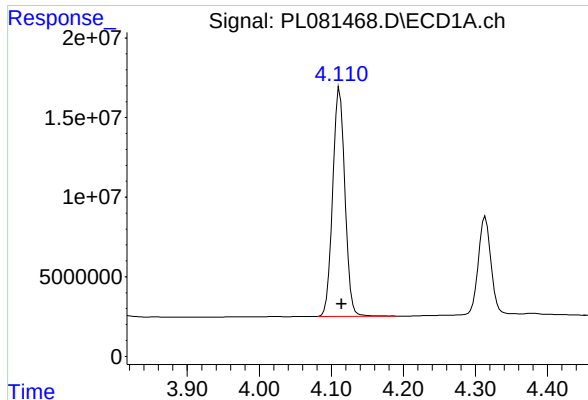
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 182139317
Conc: 57.25 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.005 min
Response: 152218699
Conc: 51.94 ng/ml



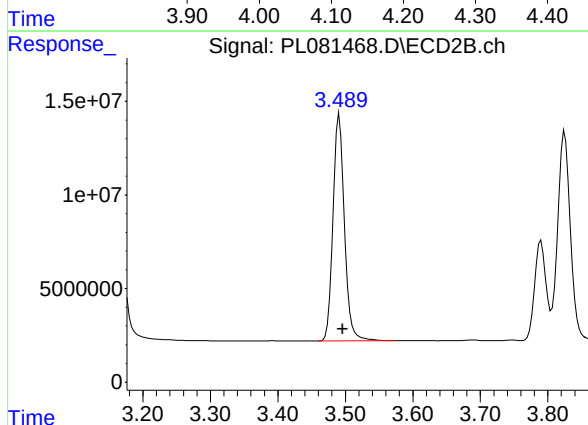
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: -0.003 min
Response: 167624518
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

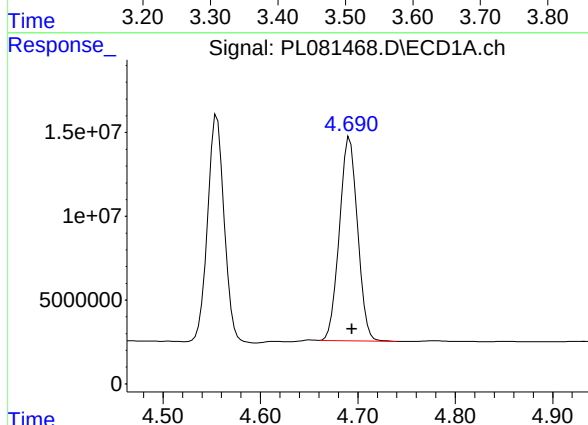
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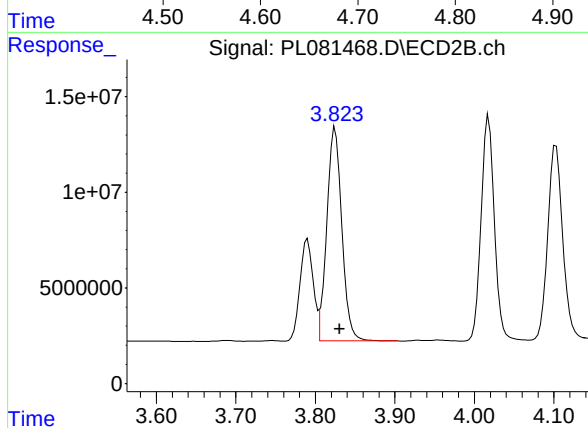
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.006 min
Response: 143352449
Conc: 52.11 ng/ml



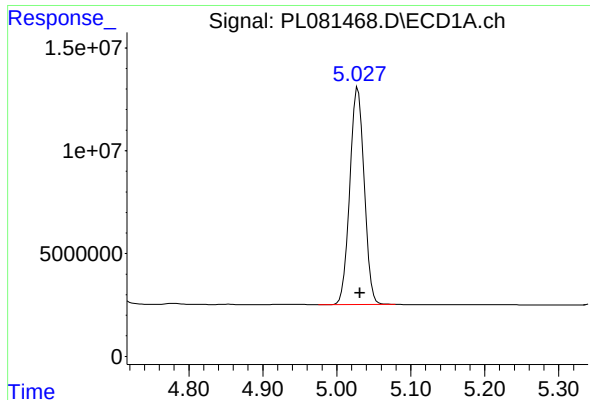
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 157095864
Conc: 56.93 ng/ml



#4 Heptachlor

R.T.: 3.825 min
Delta R.T.: -0.006 min
Response: 145940252
Conc: 52.89 ng/ml



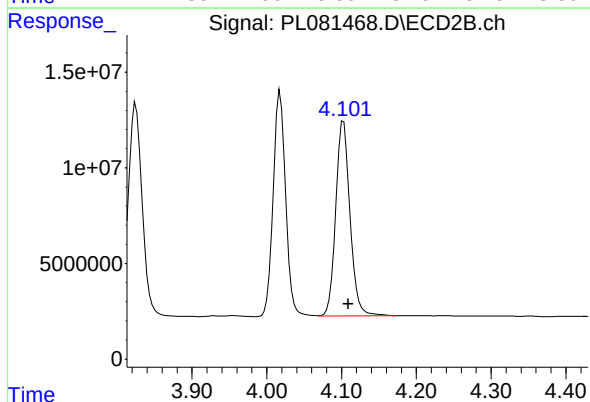
#5 Aldrin

R.T.: 5.029 min
Delta R.T.: -0.003 min
Response: 142444276
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

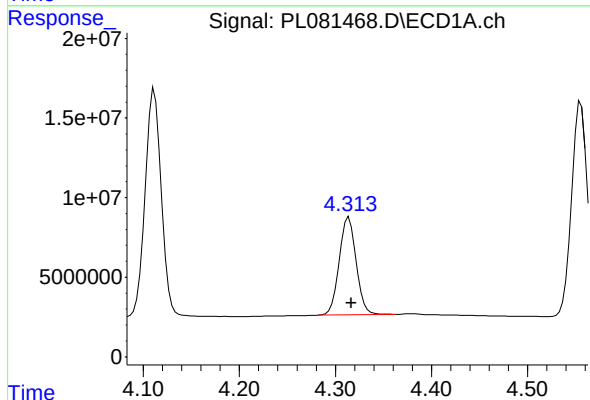
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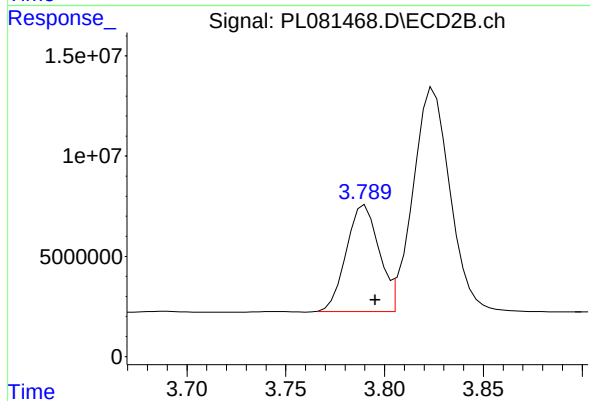
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 135842530
Conc: 51.81 ng/ml



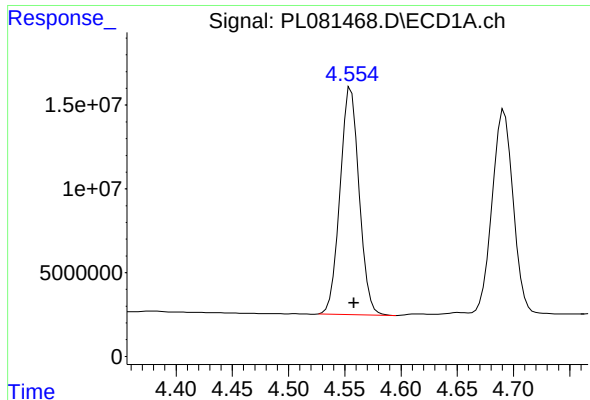
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 74214288
Conc: 53.92 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.005 min
Response: 61362612
Conc: 52.87 ng/ml



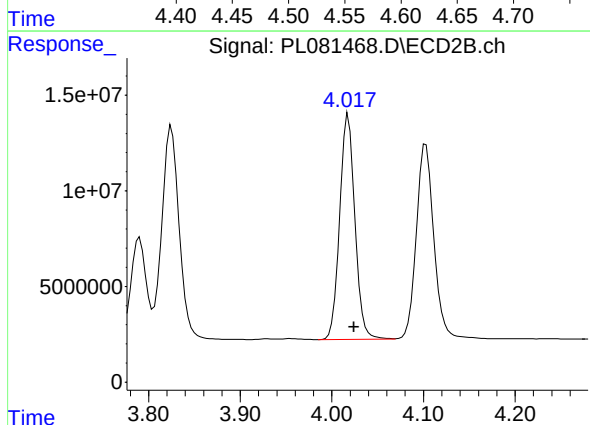
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 160006137
Conc: 57.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

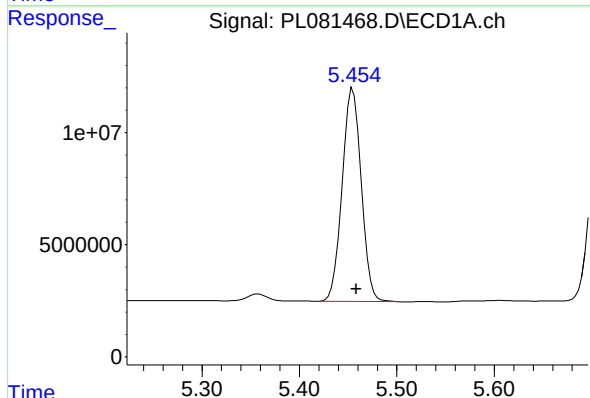
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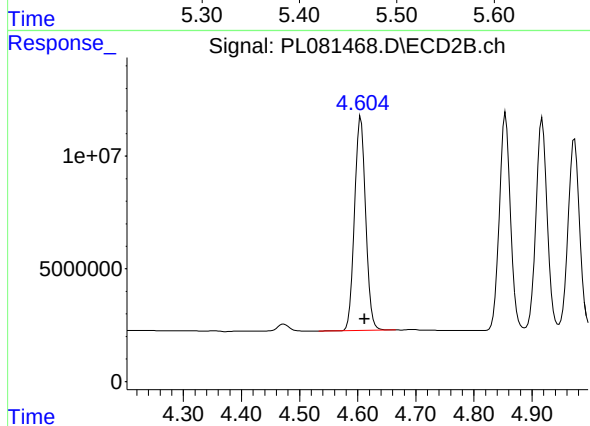
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: -0.006 min
Response: 136349512
Conc: 53.54 ng/ml



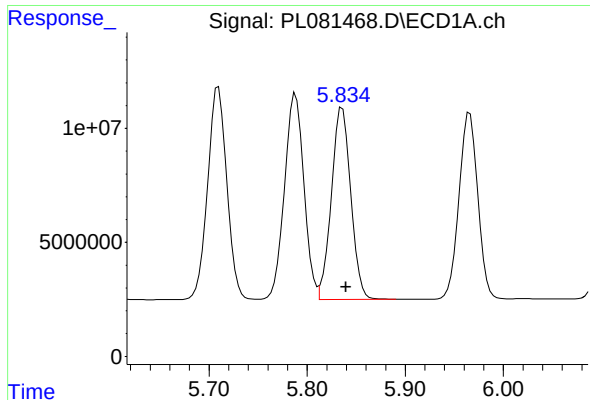
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.003 min
Response: 129068567
Conc: 54.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 124738612
Conc: 51.59 ng/ml



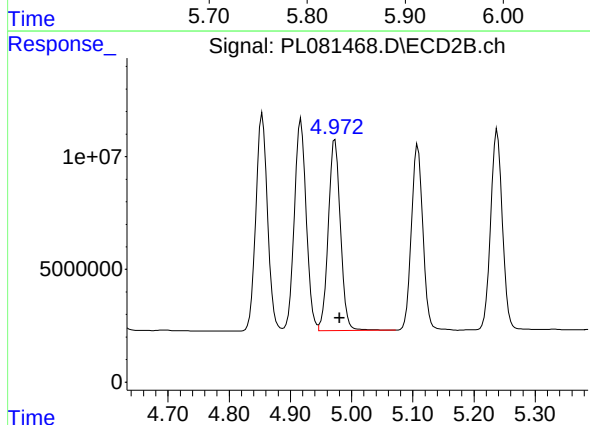
#9 Endosulfan I

R.T.: 5.836 min
Delta R.T.: -0.004 min
Response: 115476282
Conc: 54.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

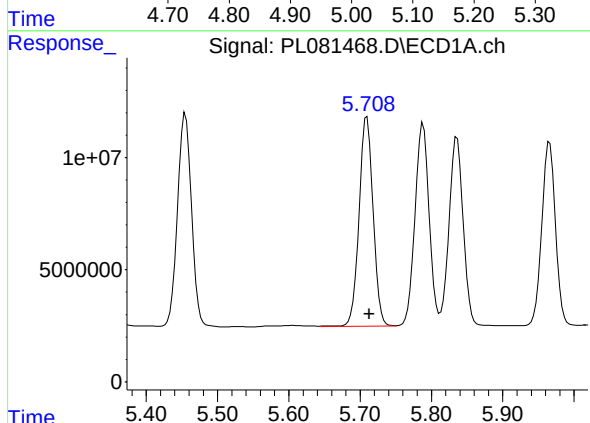
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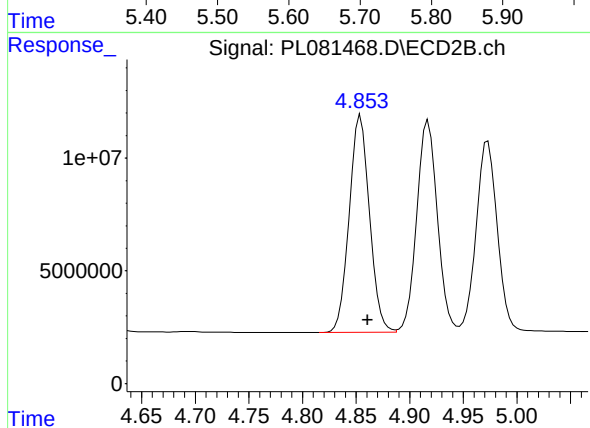
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 116608636
Conc: 51.51 ng/ml



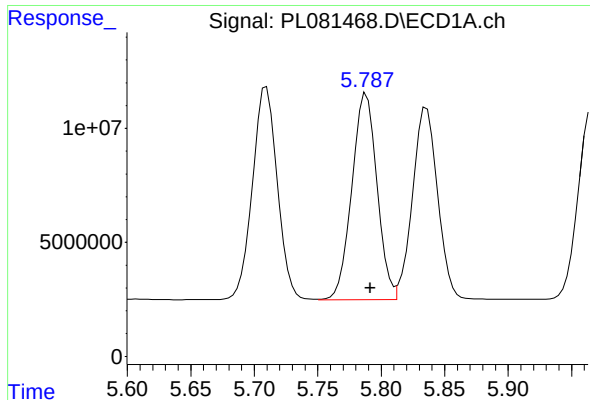
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 127889718
Conc: 56.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 127019943
Conc: 51.89 ng/ml



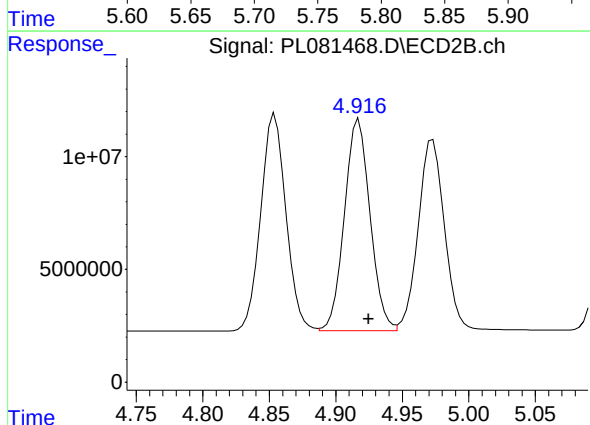
#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 124477438
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

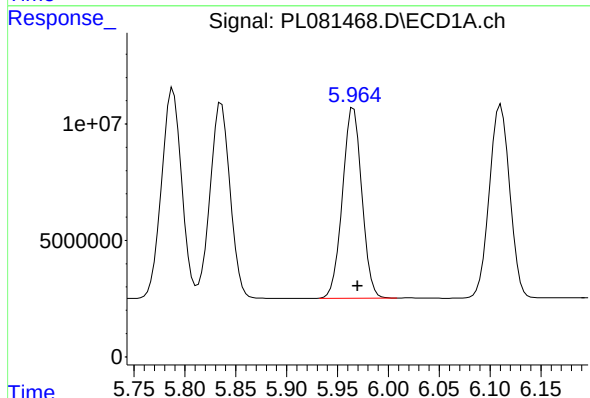
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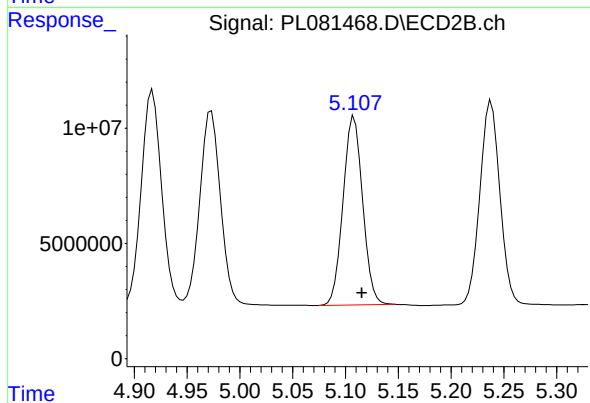
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.007 min
Response: 126102206
Conc: 51.50 ng/ml



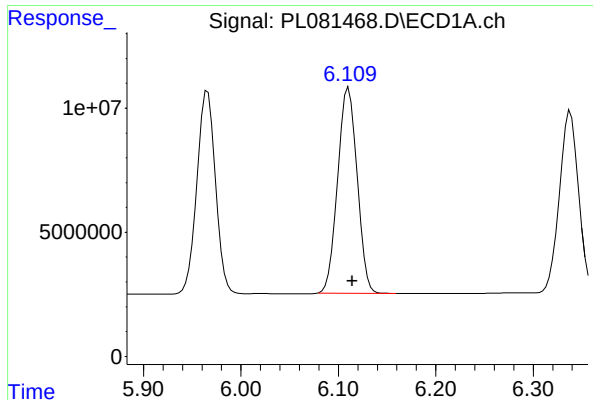
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.004 min
Response: 108346625
Conc: 55.38 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.009 min
Response: 105762136
Conc: 53.88 ng/ml m



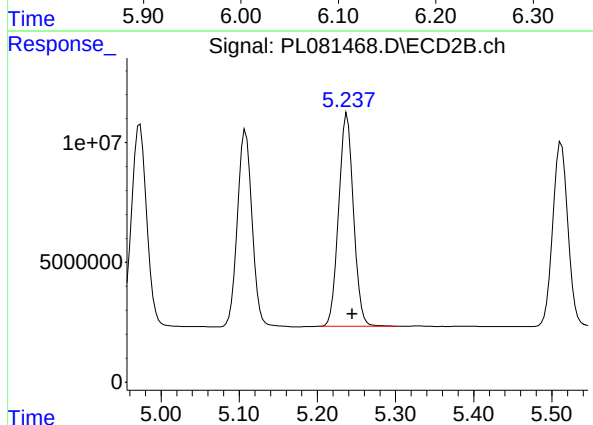
#13 Dieldrin

R.T.: 6.111 min
Delta R.T.: -0.004 min
Response: 115148765
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

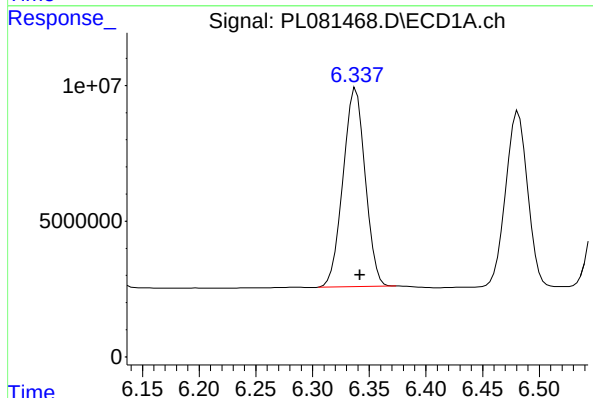
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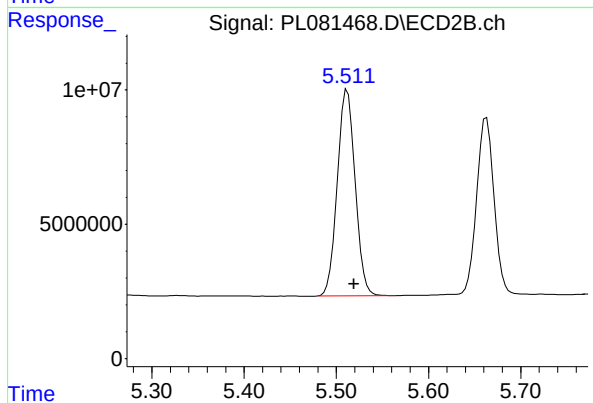
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 117347773
Conc: 52.05 ng/ml



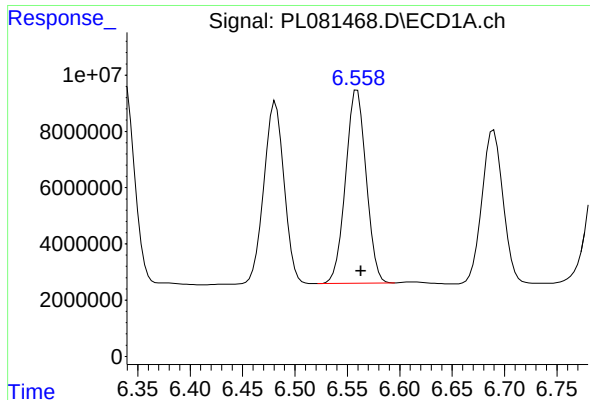
#14 Endrin

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 99468996
Conc: 54.73 ng/ml



#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 103151324
Conc: 51.33 ng/ml



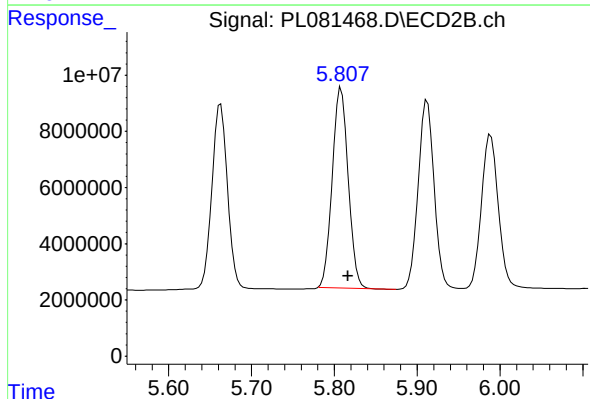
#15 Endosulfan II

R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 94211662
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

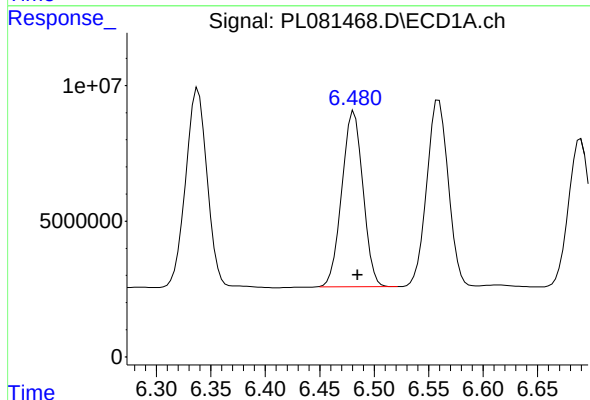
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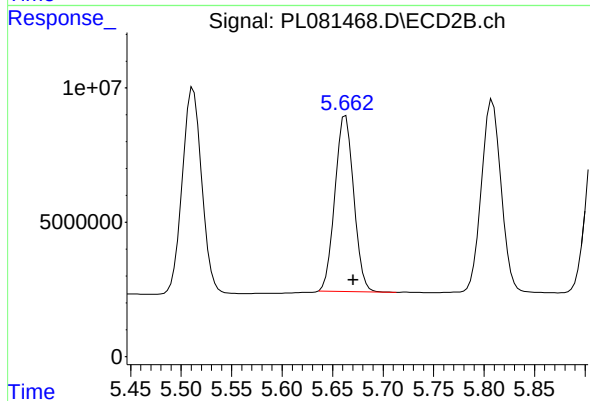
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 95379595
Conc: 51.73 ng/ml



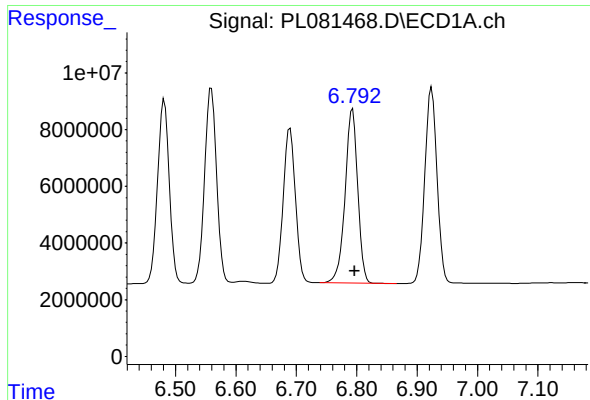
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 87044922
Conc: 56.55 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 84701210
Conc: 55.21 ng/ml



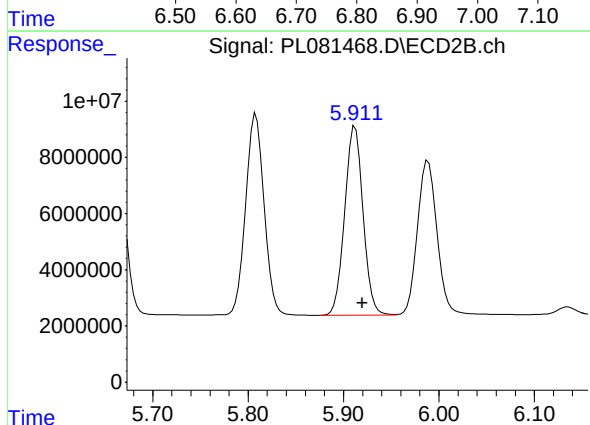
#17 4,4'-DDT

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 89362699
Conc: 56.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

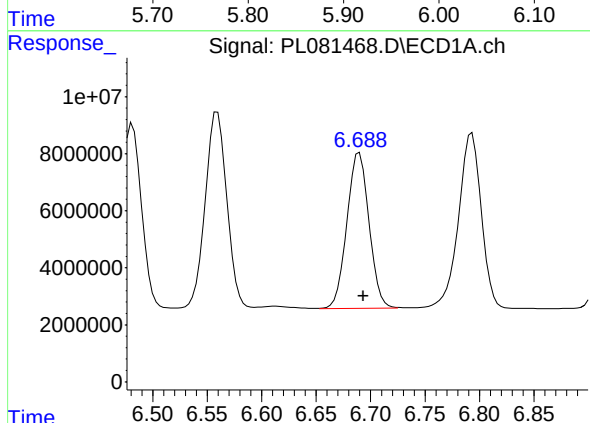
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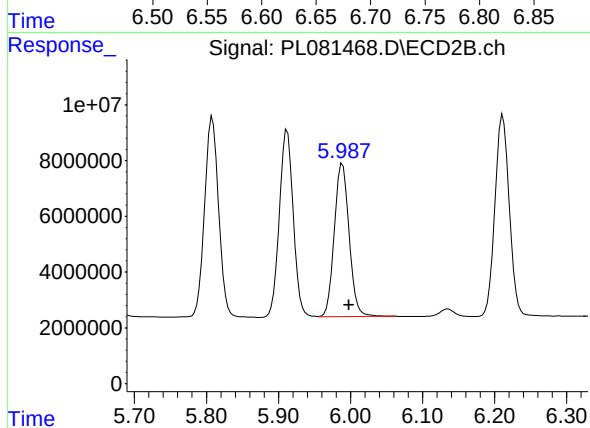
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 90369352
Conc: 56.33 ng/ml



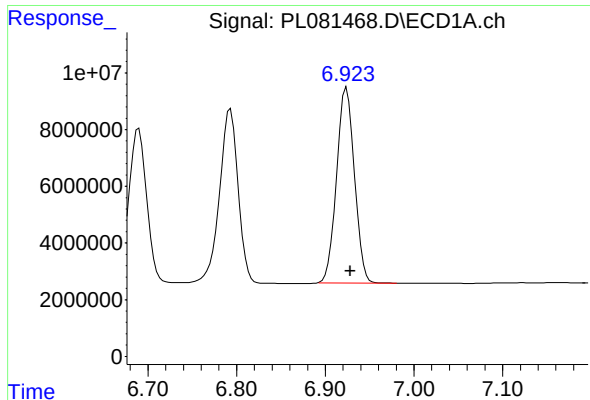
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 76972559
Conc: 53.78 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.009 min
Response: 78059188
Conc: 51.52 ng/ml



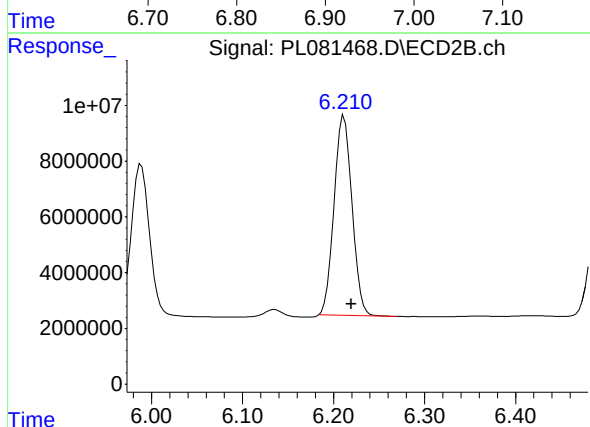
#19 Endosulfan Sulfate

R.T.: 6.924 min
Delta R.T.: -0.004 min
Response: 96315008
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

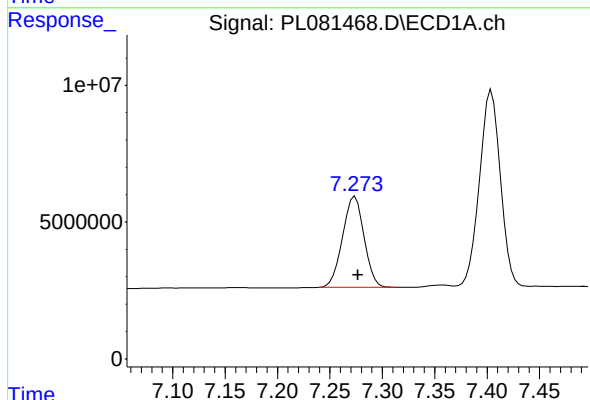
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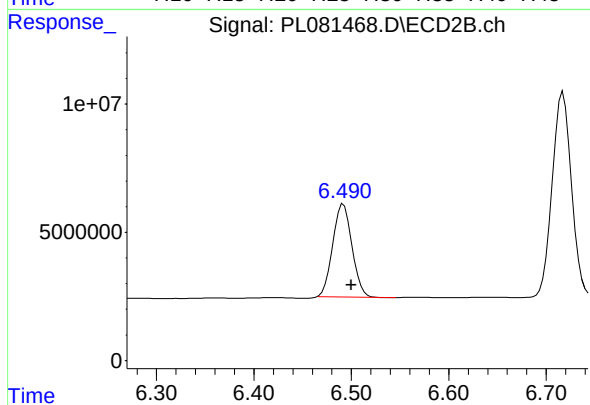
#19 Endosulfan Sulfate

R.T.: 6.211 min
Delta R.T.: -0.008 min
Response: 97929300
Conc: 50.95 ng/ml



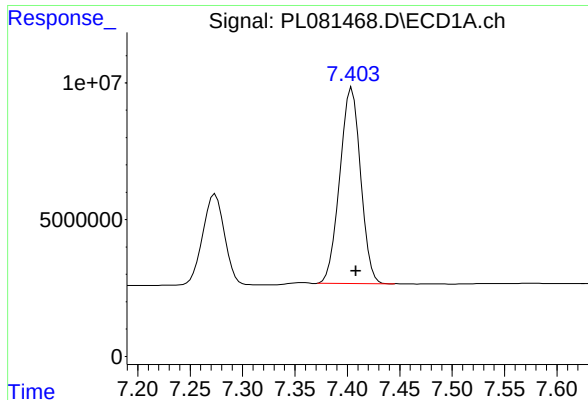
#20 Methoxychlor

R.T.: 7.274 min
Delta R.T.: -0.003 min
Response: 47578946
Conc: 55.24 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 49457317
Conc: 53.29 ng/ml



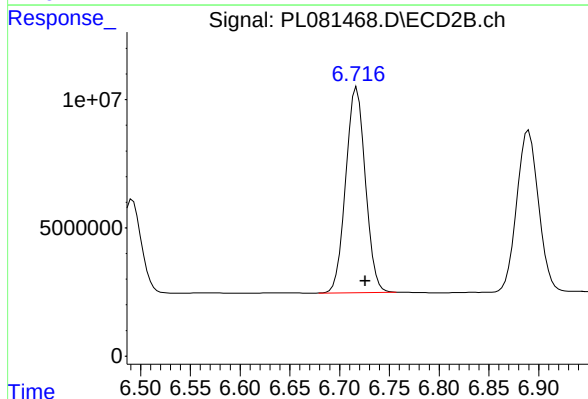
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.004 min
Response: 99043792
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

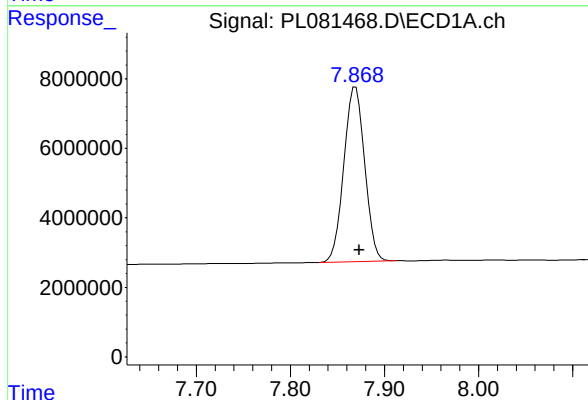
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Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



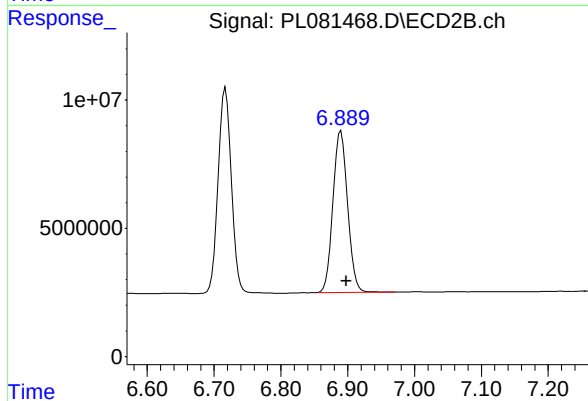
#21 Endrin ketone

R.T.: 6.716 min
Delta R.T.: -0.010 min
Response: 110072134
Conc: 51.12 ng/ml m



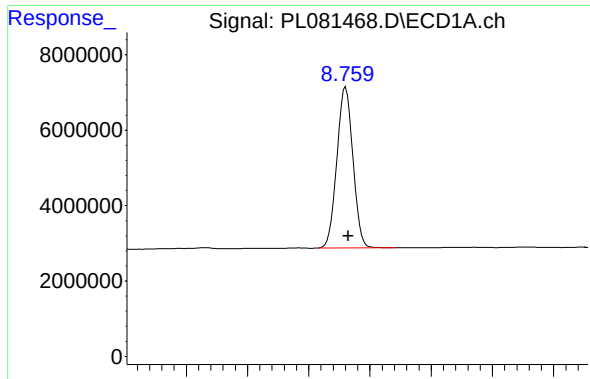
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.004 min
Response: 77485751
Conc: 53.10 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 96221758
Conc: 49.99 ng/ml



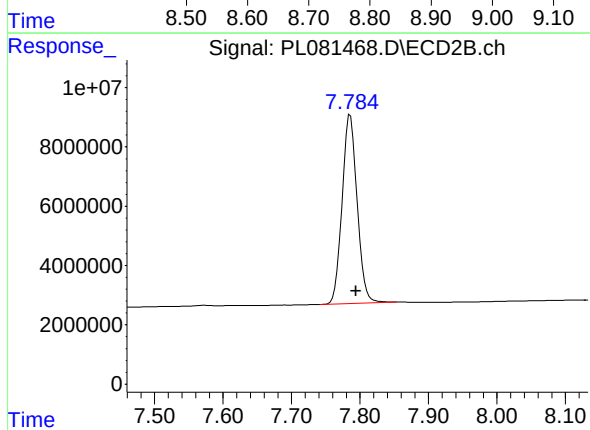
#28 Decachlorobiphenyl

R.T.: 8.760 min
Delta R.T.: -0.004 min
Response: 77944141
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/16/2023
Supervised By :Ankita Jodhani 03/16/2023



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 97033575
Conc: 50.66 ng/ml