

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 23:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2023
 Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 04:56:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.324	2.650	104.6E6	94578234	44.979	47.380
28) SA Decachlor...	8.746	7.764	78244366	90960342	43.721	45.864m
Target Compounds						
2) A alpha-BHC	3.774	3.149	163.1E6	136.5E6	47.572	46.840
3) MA gamma-BHC...	4.101	3.476	150.1E6	128.7E6	47.250m	46.227
4) MA Heptachlor	4.680	3.808	147.1E6	135.4E6	46.679m	47.222
5) MB Aldrin	5.018	4.085	133.0E6	122.6E6	46.481	46.029
6) B beta-BHC	4.305	3.776	67035339	56497561	44.539	47.438
7) B delta-BHC	4.547	4.002	147.9E6	126.6E6	48.666	48.941
8) B Heptachlo...	5.444	4.586	125.1E6	115.5E6	45.986	47.548
9) A Endosulfan I	5.825	4.954	110.6E6	106.0E6	44.750	48.023
10) B gamma-Chl...	5.699	4.836	120.3E6	115.6E6	45.824	47.561
11) B alpha-Chl...	5.777	4.898	118.5E6	115.1E6	45.787	47.376
12) B 4,4'-DDE	5.955	5.089	104.5E6	99829991	46.373	50.680
13) MA Dieldrin	6.100	5.219	111.3E6	107.6E6	45.984	47.831
14) MA Endrin	6.327	5.493	96535094	95613024	45.638	47.246
15) B Endosulfa...	6.549	5.788	95564154	90283903	45.033	49.769m
16) A 4,4'-DDD	6.471	5.643	88286208	81897849	48.953	53.968m
17) MA 4,4'-DDT	6.782	5.893	93649692	86767263	46.141	50.350
18) B Endrin al...	6.679	5.970	75846008	73405669	46.357	47.267
19) B Endosulfa...	6.914	6.191	96312016	93307150	46.214	47.956m
20) A Methoxychlor	7.263	6.472	49931644	50580477	46.366	50.782m
21) B Endrin ke...	7.394	6.697	100.9E6	104.8E6	48.156	49.034m
22) Mirex	7.857	6.869	77776485	87801134	45.396m	45.736m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
Data File : PL082156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2023 23:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

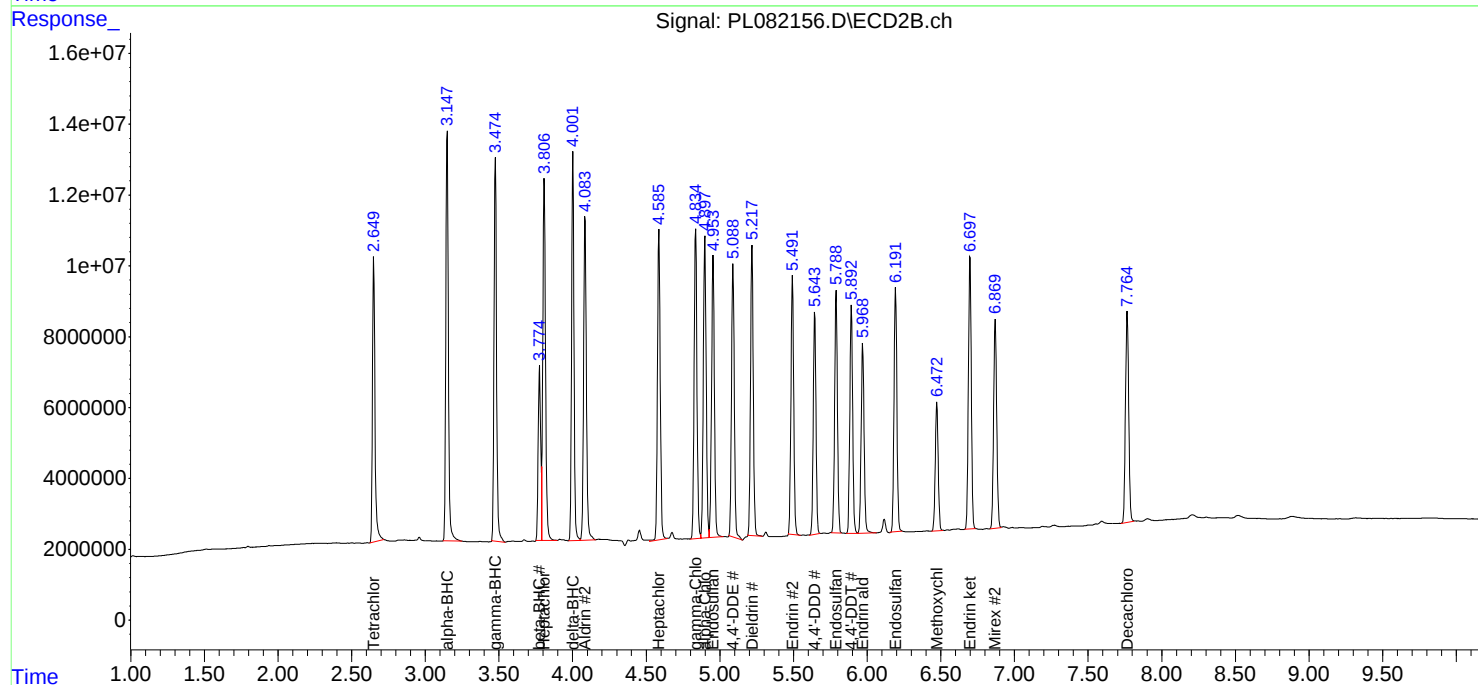
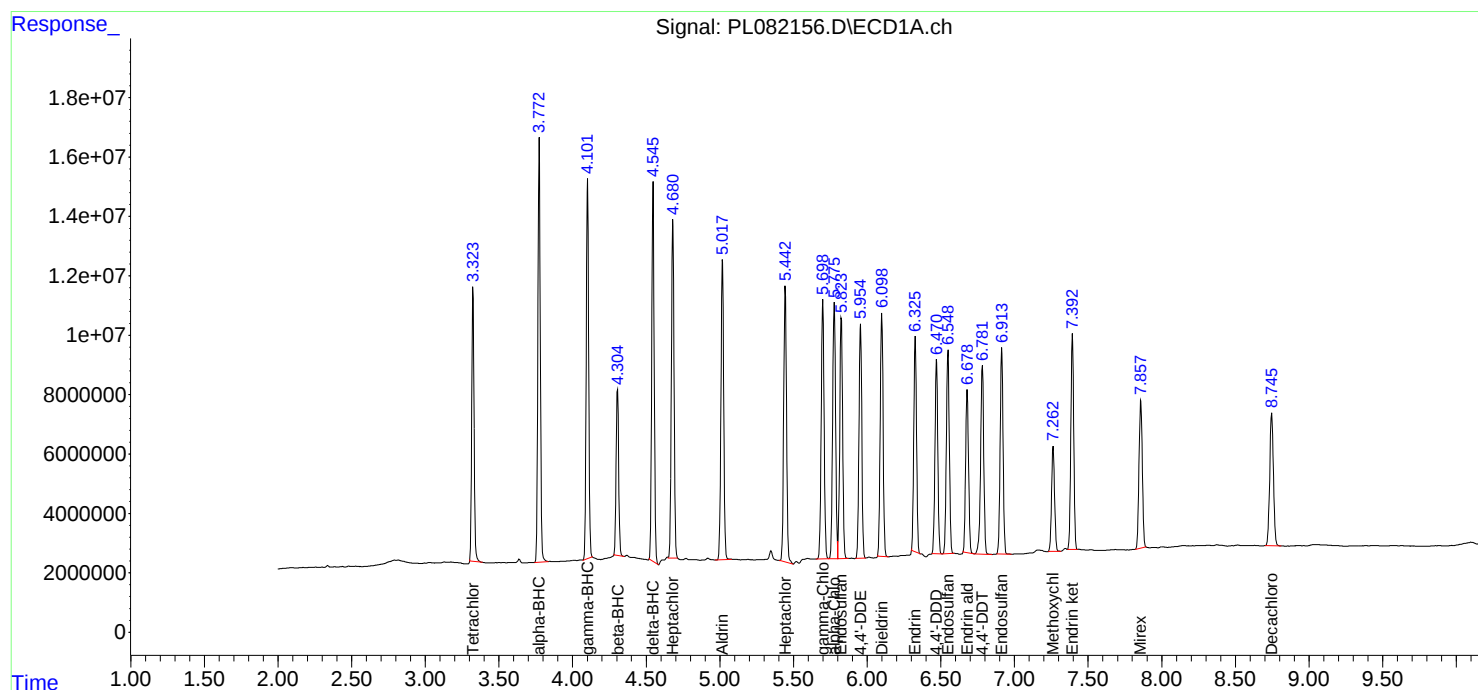
APPROVED

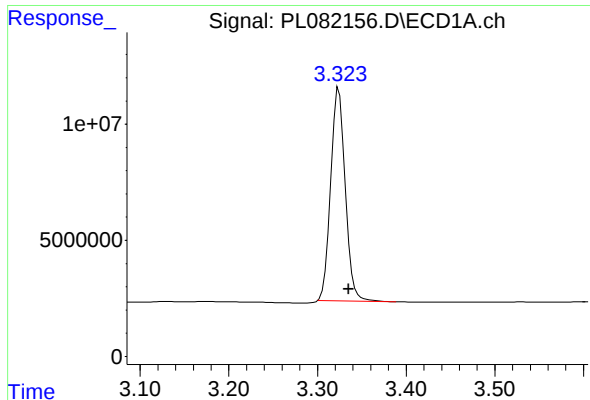
Reviewed By :Abdul Mirza 04/18/2023

Supervised By :Ankita Jodhani 04/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 04:56:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
Response via : Initial Calibration
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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





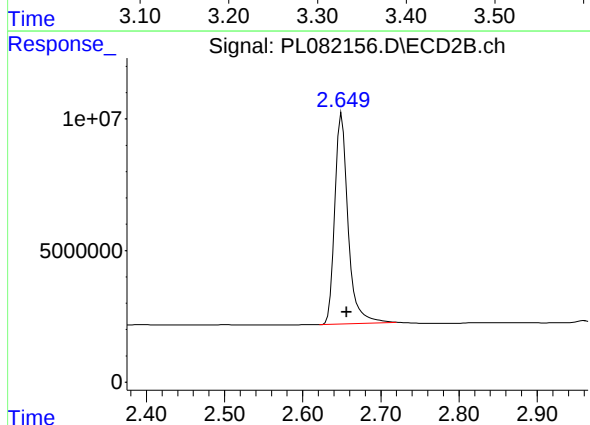
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.011 min
Response: 104616124
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

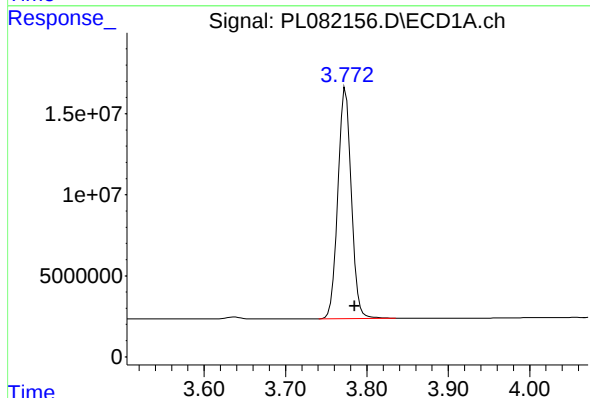
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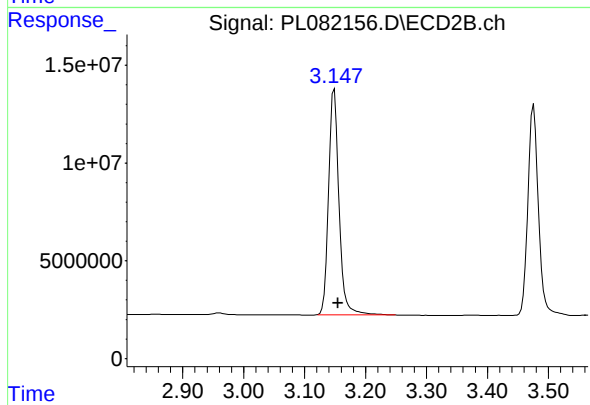
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.006 min
Response: 94578234
Conc: 47.38 ng/ml



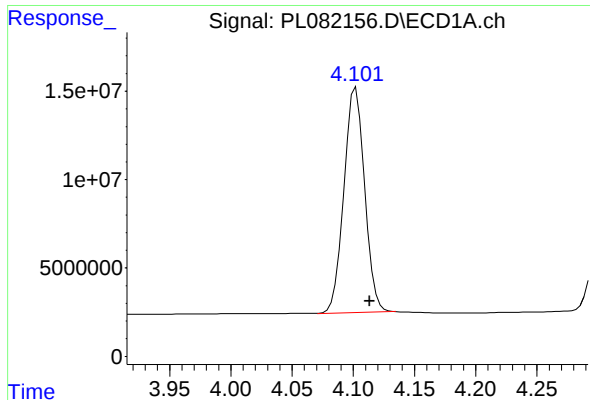
#2 alpha-BHC

R.T.: 3.774 min
Delta R.T.: -0.011 min
Response: 163095218
Conc: 47.57 ng/ml



#2 alpha-BHC

R.T.: 3.149 min
Delta R.T.: -0.006 min
Response: 136537478
Conc: 46.84 ng/ml



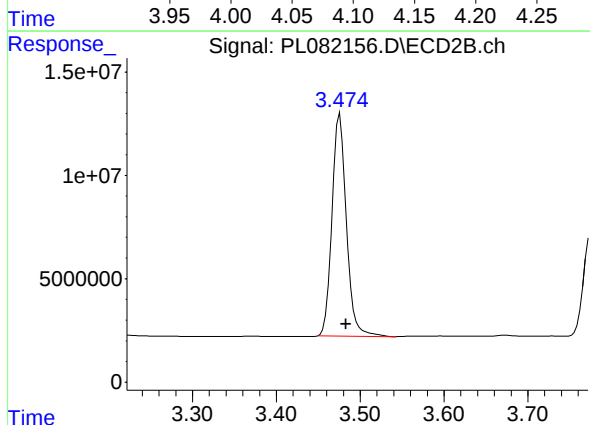
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: -0.013 min
Response: 150105317
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

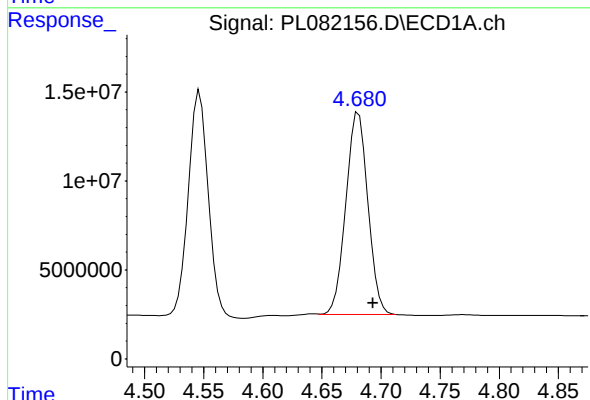
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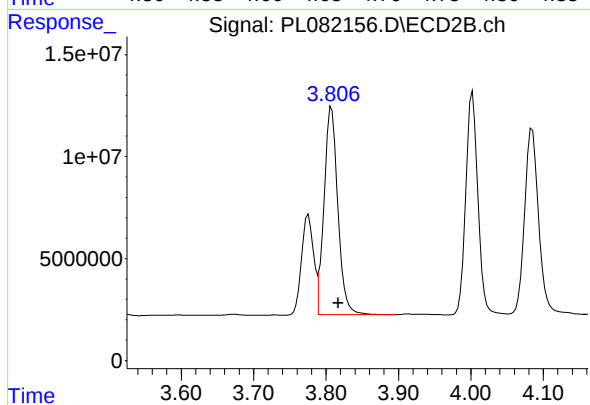
#3 gamma-BHC (Lindane)

R.T.: 3.476 min
Delta R.T.: -0.007 min
Response: 128705785
Conc: 46.23 ng/ml



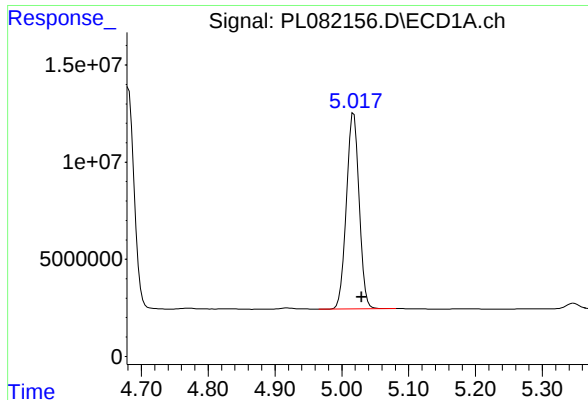
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: -0.014 min
Response: 147139961
Conc: 46.68 ng/ml m



#4 Heptachlor

R.T.: 3.808 min
Delta R.T.: -0.009 min
Response: 135382515
Conc: 47.22 ng/ml



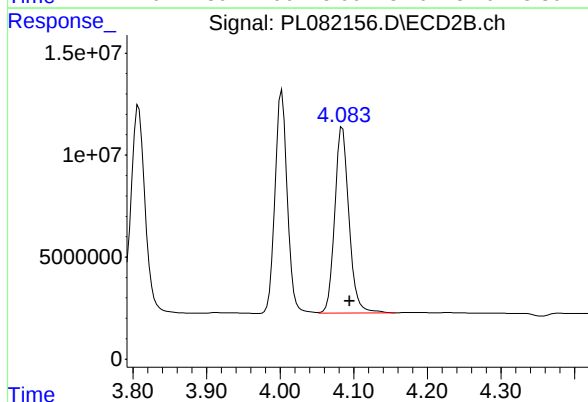
#5 Aldrin

R.T.: 5.018 min
Delta R.T.: -0.012 min
Response: 132950250
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

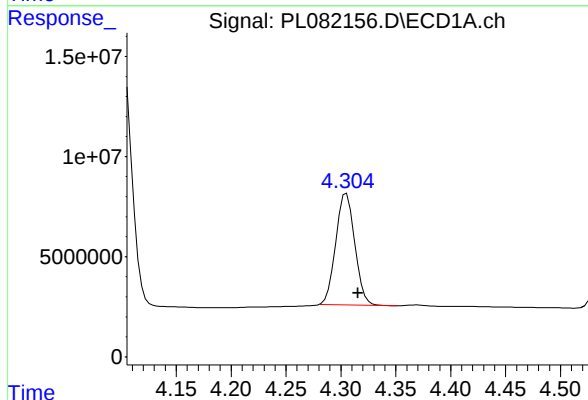
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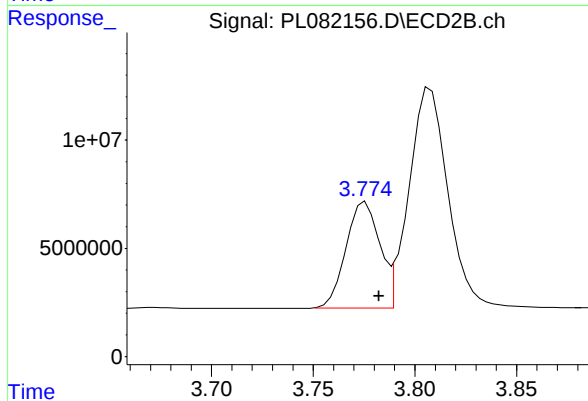
#5 Aldrin

R.T.: 4.085 min
Delta R.T.: -0.010 min
Response: 122641963
Conc: 46.03 ng/ml



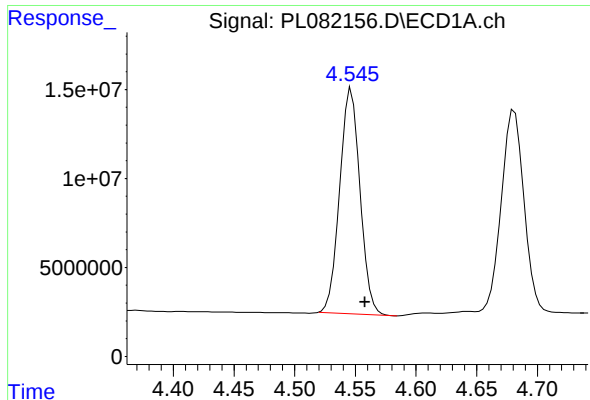
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 67035339
Conc: 44.54 ng/ml



#6 beta-BHC

R.T.: 3.776 min
Delta R.T.: -0.007 min
Response: 56497561
Conc: 47.44 ng/ml



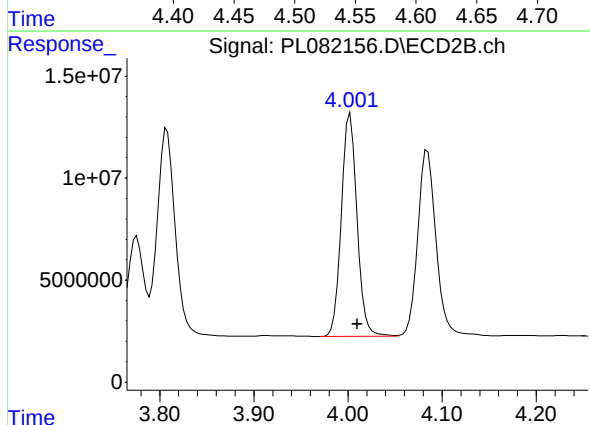
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 147905239
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

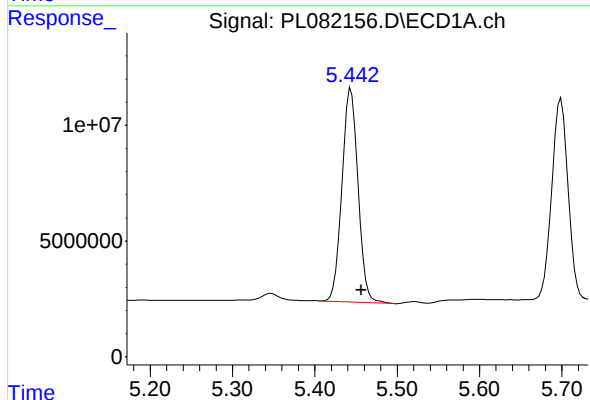
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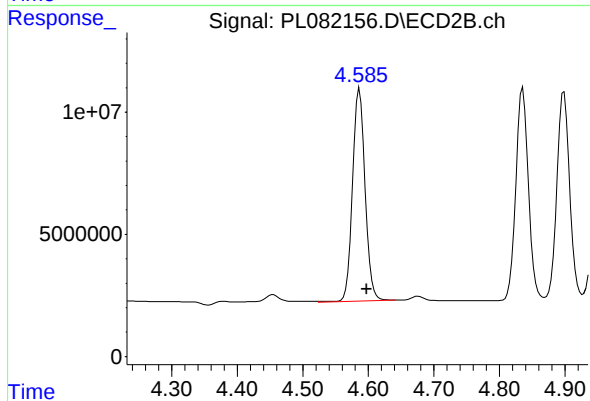
#7 delta-BHC

R.T.: 4.002 min
Delta R.T.: -0.008 min
Response: 126566589
Conc: 48.94 ng/ml



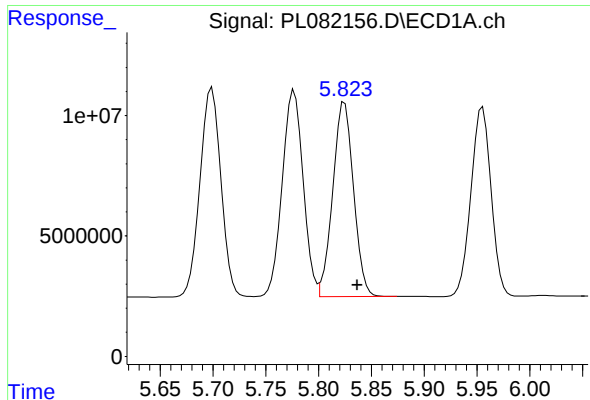
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: -0.012 min
Response: 125083614
Conc: 45.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.586 min
Delta R.T.: -0.011 min
Response: 115482311
Conc: 47.55 ng/ml



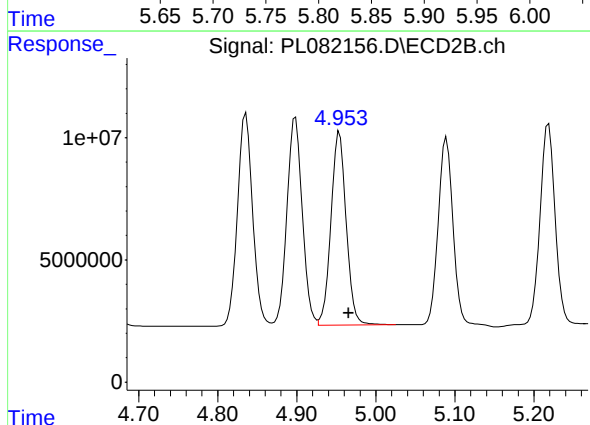
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: -0.012 min
Response: 110569946
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

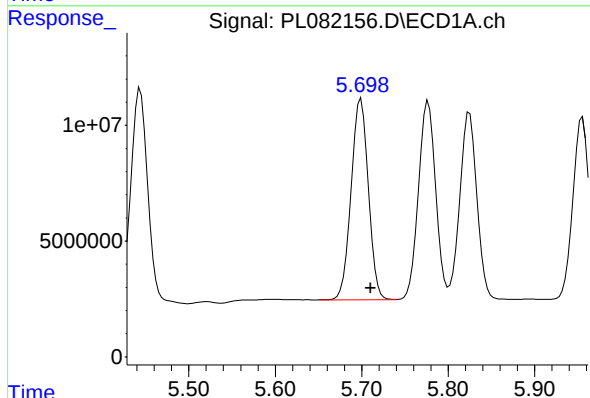
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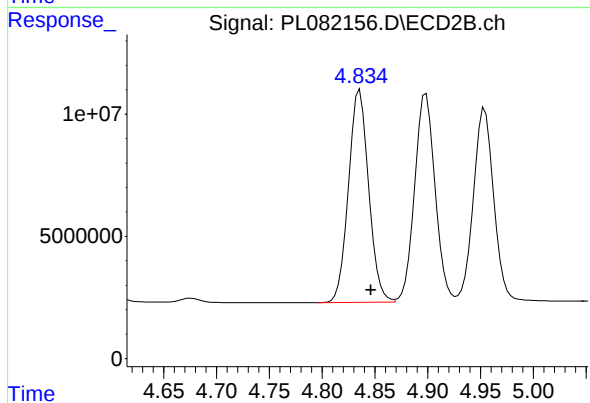
#9 Endosulfan I

R.T.: 4.954 min
Delta R.T.: -0.012 min
Response: 106021708
Conc: 48.02 ng/ml



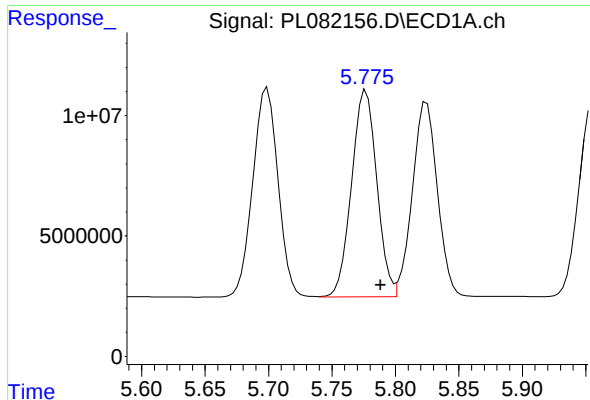
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 120298957
Conc: 45.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.836 min
Delta R.T.: -0.011 min
Response: 115590919
Conc: 47.56 ng/ml



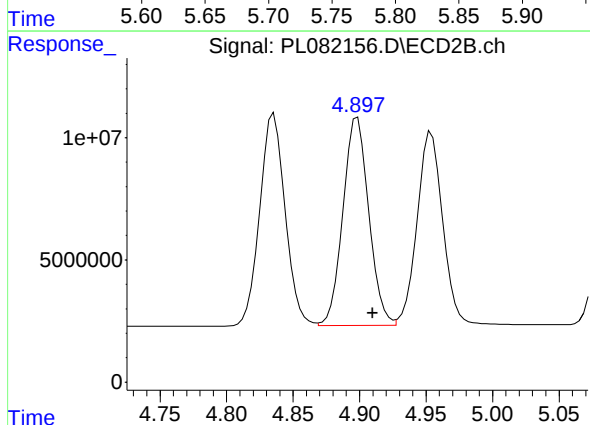
#11 alpha-Chlordane

R.T.: 5.777 min
Delta R.T.: -0.011 min
Response: 118514147
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

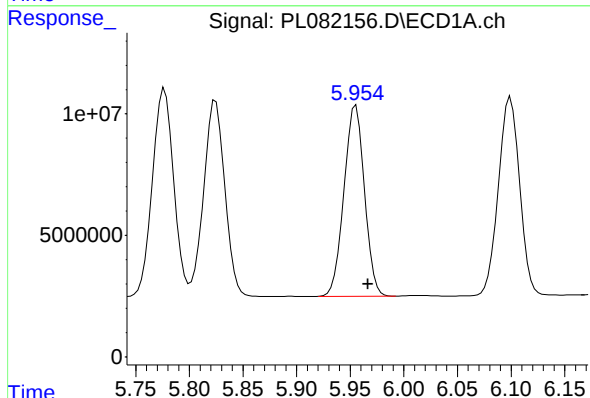
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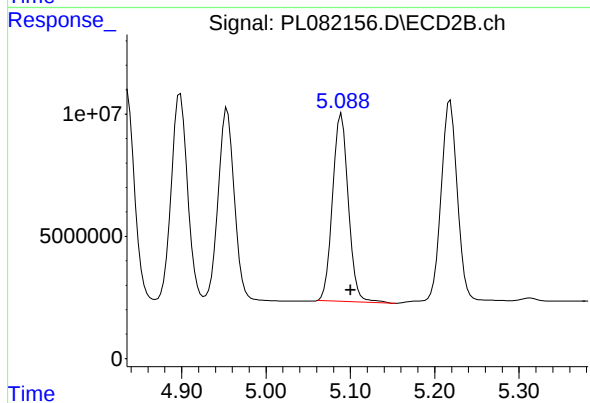
#11 alpha-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.011 min
Response: 115073338
Conc: 47.38 ng/ml



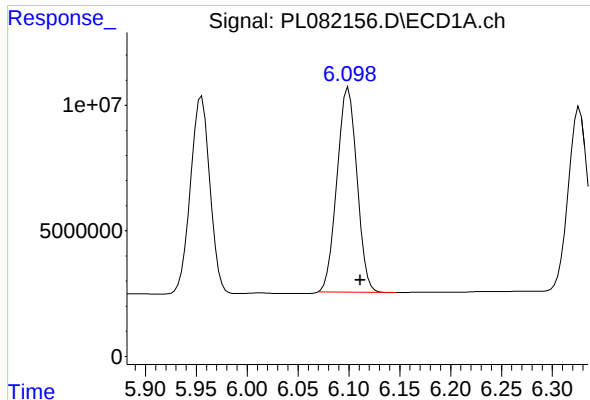
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 104507171
Conc: 46.37 ng/ml



#12 4,4'-DDE

R.T.: 5.089 min
Delta R.T.: -0.011 min
Response: 99829991
Conc: 50.68 ng/ml



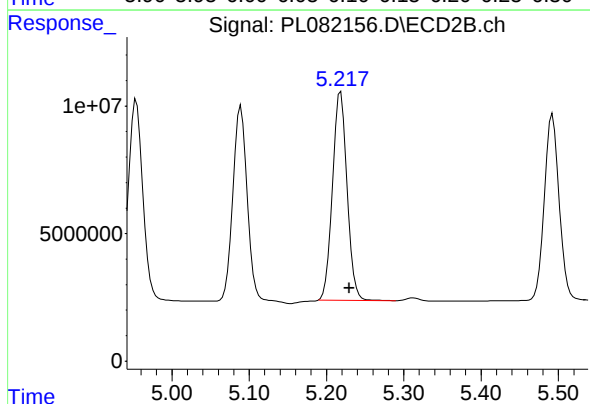
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.012 min
Response: 111325059
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

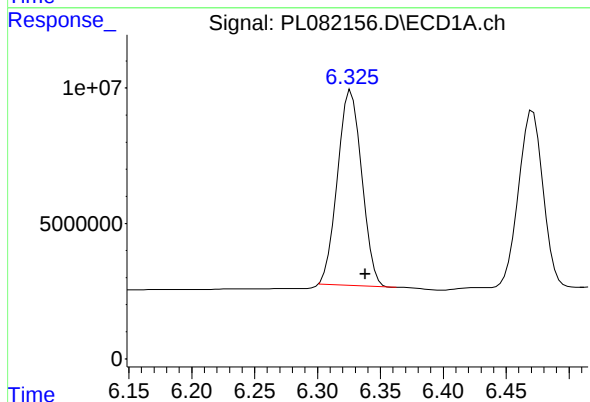
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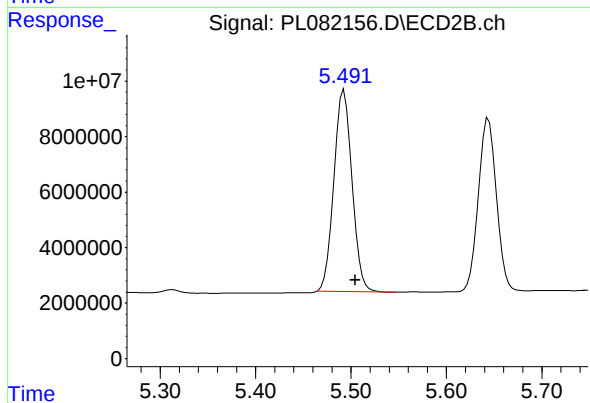
#13 Dieldrin

R.T.: 5.219 min
Delta R.T.: -0.011 min
Response: 107592646
Conc: 47.83 ng/ml



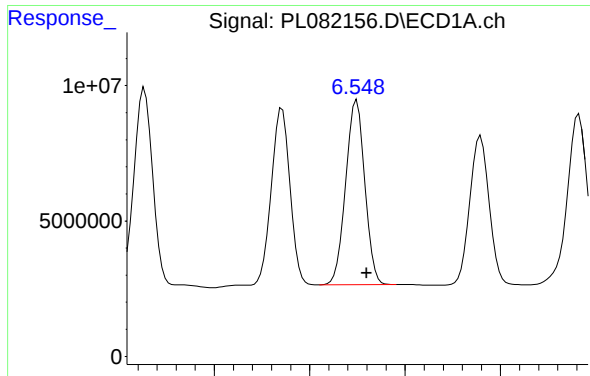
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 96535094
Conc: 45.64 ng/ml



#14 Endrin

R.T.: 5.493 min
Delta R.T.: -0.012 min
Response: 95613024
Conc: 47.25 ng/ml



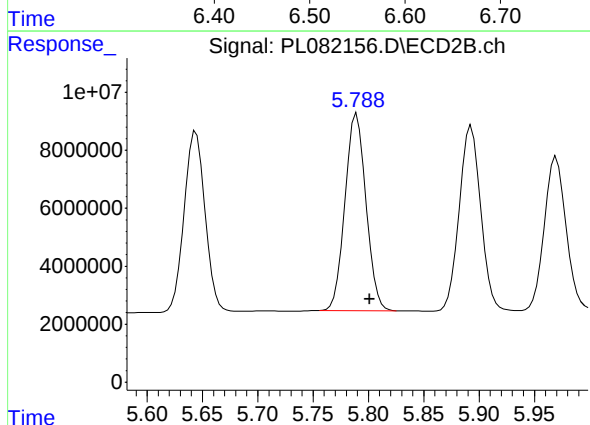
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 95564154
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

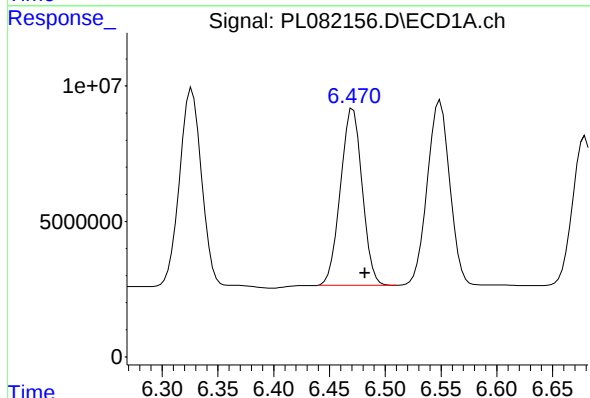
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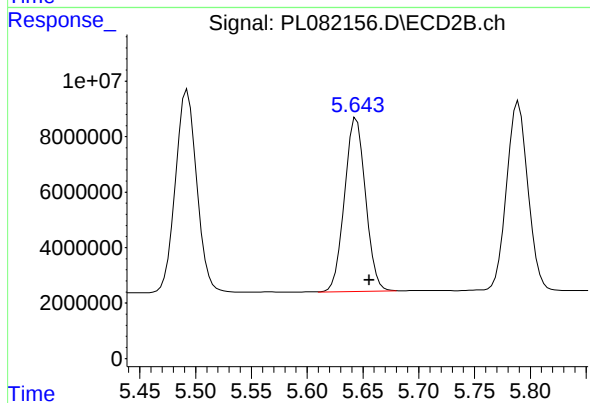
#15 Endosulfan II

R.T.: 5.788 min
Delta R.T.: -0.013 min
Response: 90283903
Conc: 49.77 ng/ml m



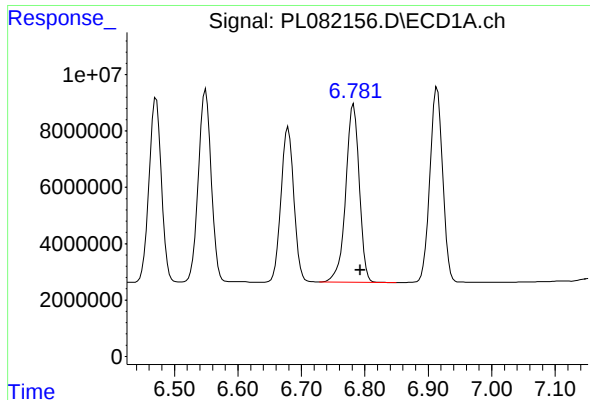
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 88286208
Conc: 48.95 ng/ml



#16 4,4'-DDD

R.T.: 5.643 min
Delta R.T.: -0.013 min
Response: 81897849
Conc: 53.97 ng/ml m



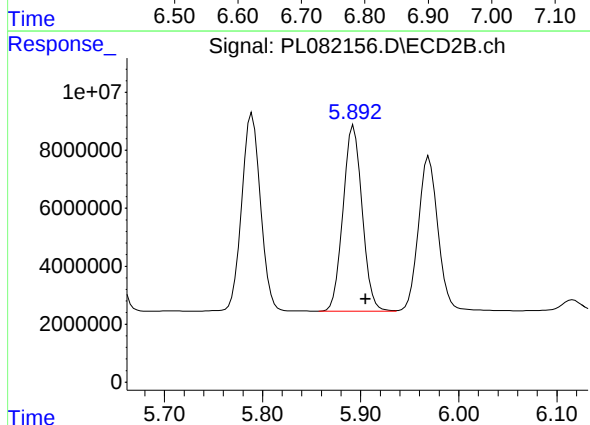
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 93649692
Conc: 46.14 ng/ml

Instrument :
ECD_L
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PSTDCCC050

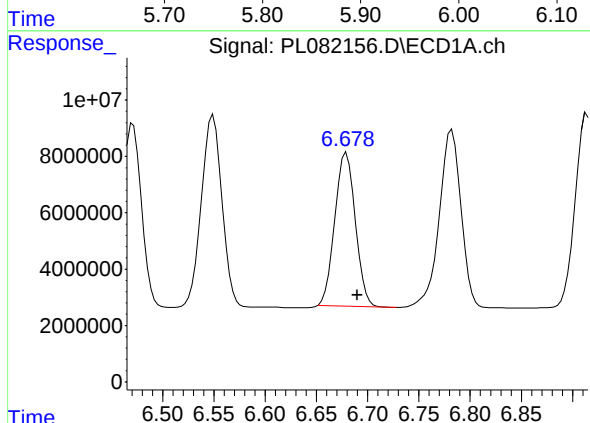
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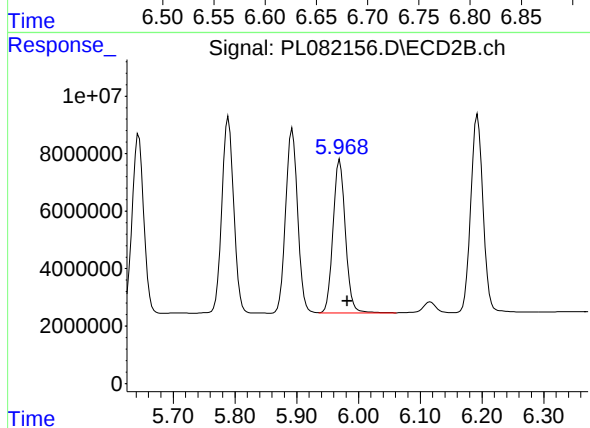
#17 4,4'-DDT

R.T.: 5.893 min
Delta R.T.: -0.012 min
Response: 86767263
Conc: 50.35 ng/ml



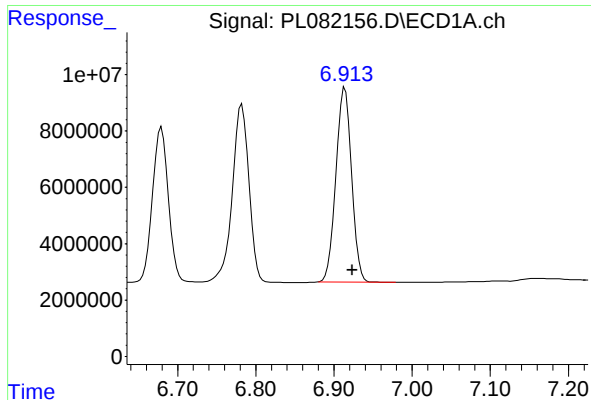
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 75846008
Conc: 46.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.970 min
Delta R.T.: -0.012 min
Response: 73405669
Conc: 47.27 ng/ml



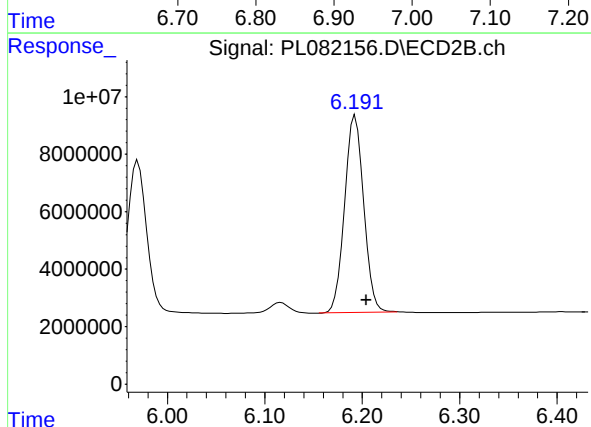
#19 Endosulfan Sulfate

R.T.: 6.914 min
Delta R.T.: -0.009 min
Response: 96312016
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

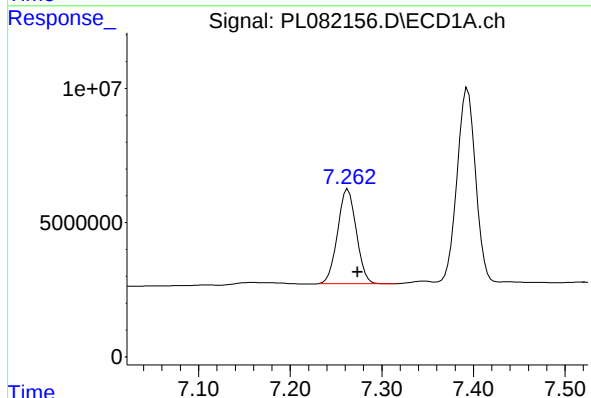
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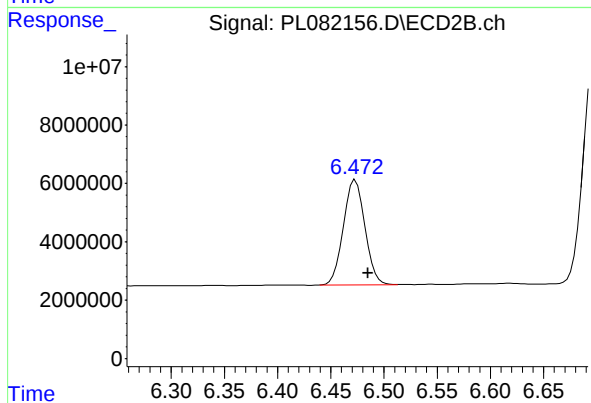
#19 Endosulfan Sulfate

R.T.: 6.191 min
Delta R.T.: -0.013 min
Response: 93307150
Conc: 47.96 ng/ml m



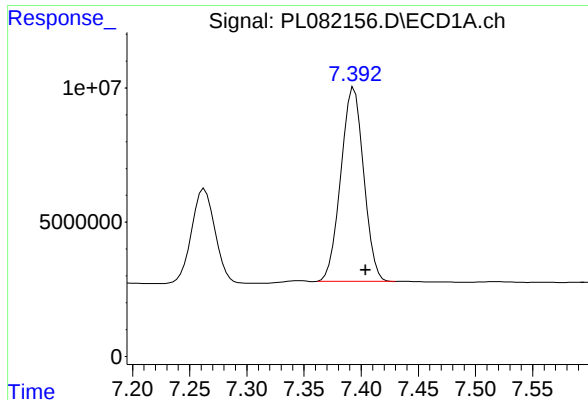
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 49931644
Conc: 46.37 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 50580477
Conc: 50.78 ng/ml m



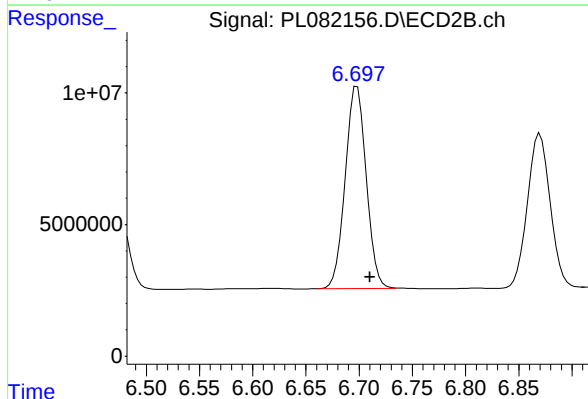
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 100870068
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

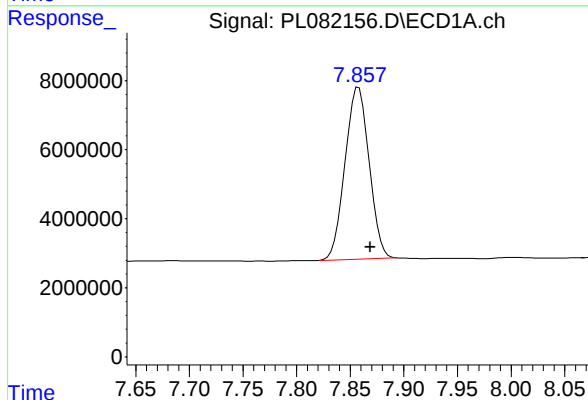
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/18/2023
Supervised By :Ankita Jodhani 04/18/2023



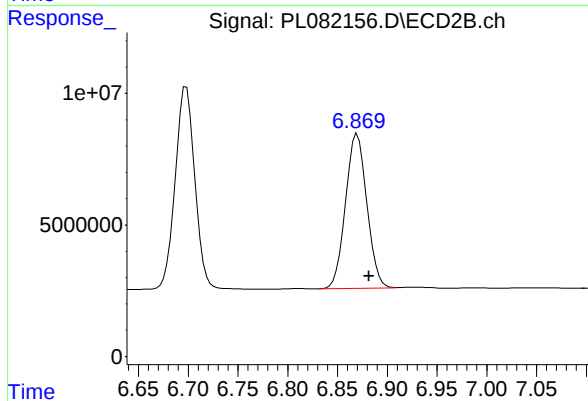
#21 Endrin ketone

R.T.: 6.697 min
Delta R.T.: -0.013 min
Response: 104786002
Conc: 49.03 ng/ml



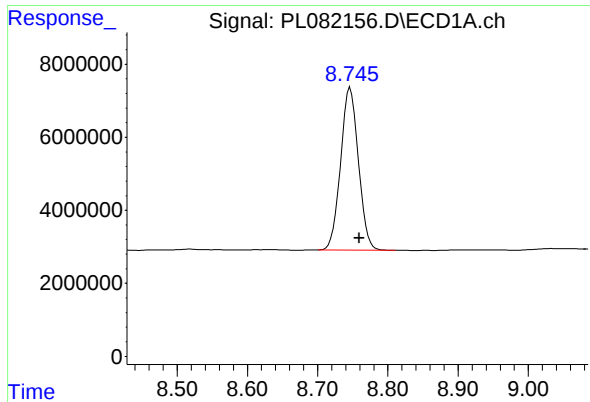
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.012 min
Response: 77776485
Conc: 45.40 ng/ml



#22 Mirex

R.T.: 6.869 min
Delta R.T.: -0.013 min
Response: 87801134
Conc: 45.74 ng/ml



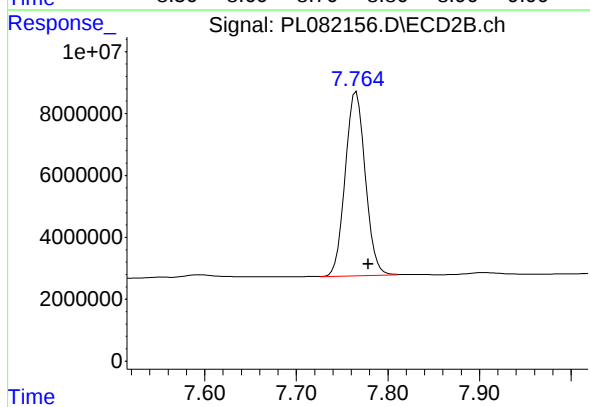
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: -0.013 min
Response: 78244366
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 04/18/2023



#28 Decachlorobiphenyl

R.T.: 7.764 min
Delta R.T.: -0.015 min
Response: 90960342
Conc: 45.86 ng/ml