

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100424\
 Data File : PL092198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2024 16:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2024
 Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 03:04:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.551	2.782	115.7E6	135.2E6	51.986	53.903
28) SA Decachlor...	9.069	7.925	81317310	109.6E6	49.637m	43.817
Target Compounds						
2) A alpha-BHC	4.007	3.285	161.6E6	201.0E6	52.195	55.166
3) MA gamma-BHC...	4.339	3.615	157.9E6	191.6E6	50.964	54.263
4) MA Heptachlor	4.929	3.955	143.4E6	180.3E6	51.842	52.246
5) MB Aldrin	5.271	4.235	138.2E6	176.8E6	49.758	51.971
6) B beta-BHC	4.537	3.915	67057068	78224523	50.557	52.042
7) B delta-BHC	4.784	4.145	151.1E6	185.9E6	52.398	53.542
8) B Heptachlo...	5.696	4.738	128.8E6	159.0E6	50.626	52.604
9) A Endosulfan I	6.082	5.107	113.8E6	142.6E6	49.181	51.950m
10) B gamma-Chl...	5.951	4.988	119.9E6	158.5E6	48.511m	52.677
11) B alpha-Chl...	6.032	5.052	121.8E6	155.2E6	49.452	51.835
12) B 4,4'-DDE	6.204	5.241	106.8E6	147.3E6	49.329	52.994
13) MA Dieldrin	6.357	5.373	116.3E6	150.4E6	47.680	51.301
14) MA Endrin	6.585	5.648	98279551	133.2E6	47.692m	50.799
15) B Endosulfa...	6.806	5.944	101.5E6	129.6E6	46.120	51.779
16) A 4,4'-DDD	6.722	5.797	88507675	119.7E6	49.288	56.016
17) MA 4,4'-DDT	7.035	6.047	87352854	116.4E6	47.443	50.321
18) B Endrin al...	6.936	6.122	81764358	100.7E6	46.916	49.330
19) B Endosulfa...	7.171	6.346	92881650	120.8E6	46.856	50.084
20) A Methoxychlor	7.511	6.623	48466118	58602700	49.369	46.869
21) B Endrin ke...	7.655	6.852	105.2E6	139.4E6	47.857	50.341
22) Mirex	8.129	7.032	80526755	108.8E6	44.712	44.744

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

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Data File : PL092198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2024 16:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

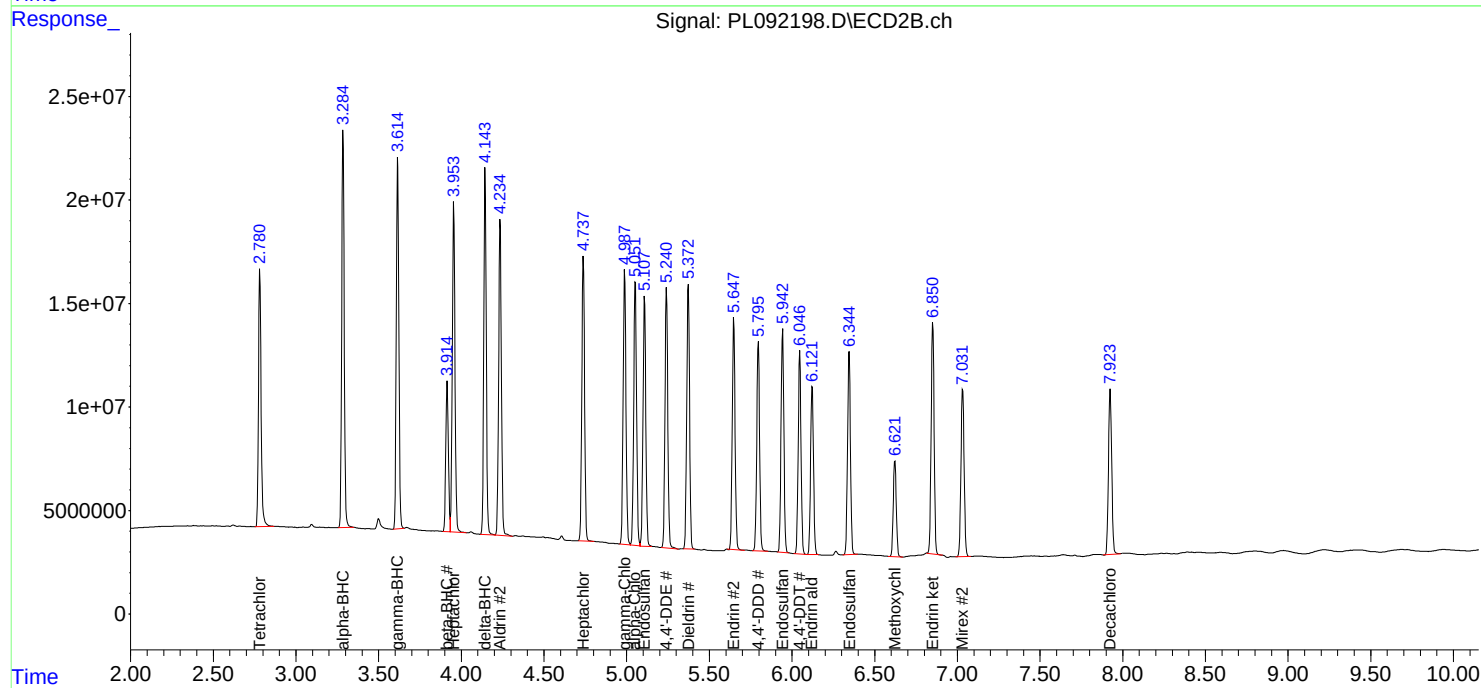
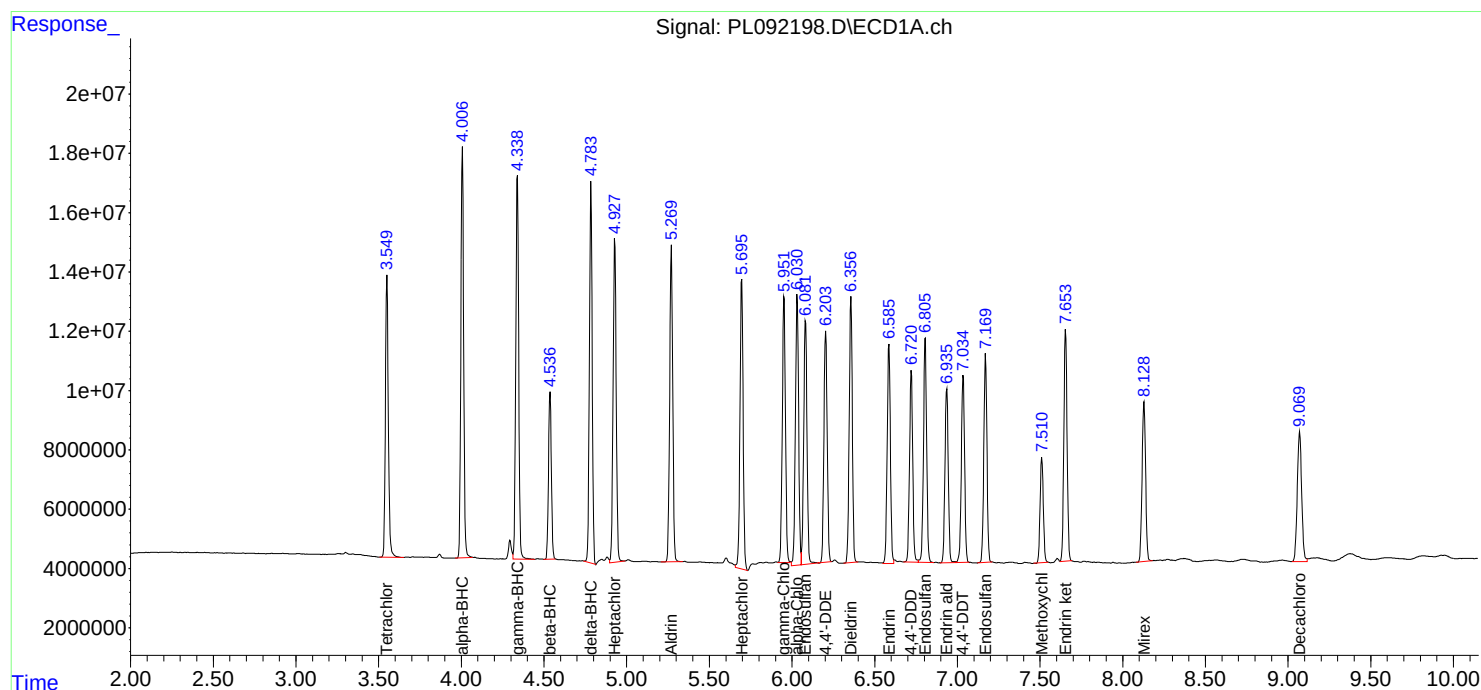
APPROVED

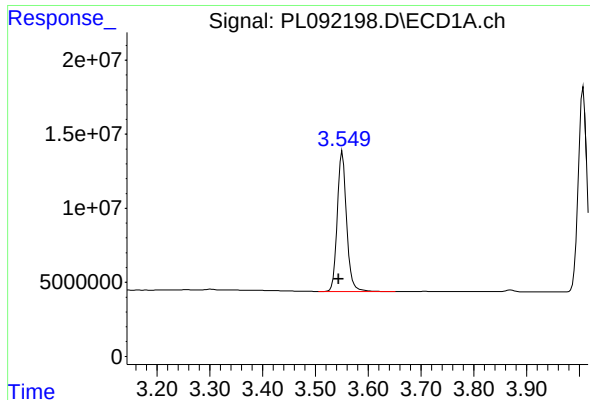
Reviewed By :Abdul Mirza 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 03:04:38 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
Response via : Initial Calibration
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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





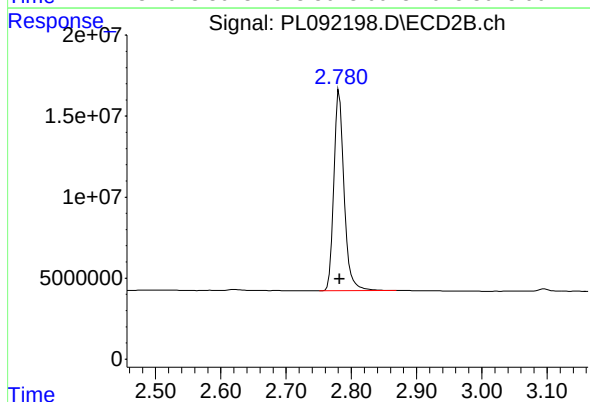
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.007 min
Response: 115651433
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

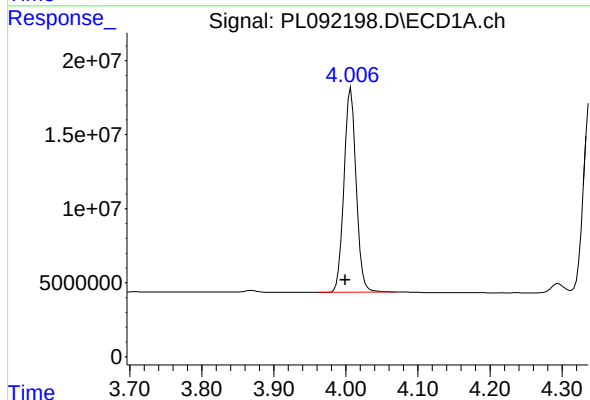
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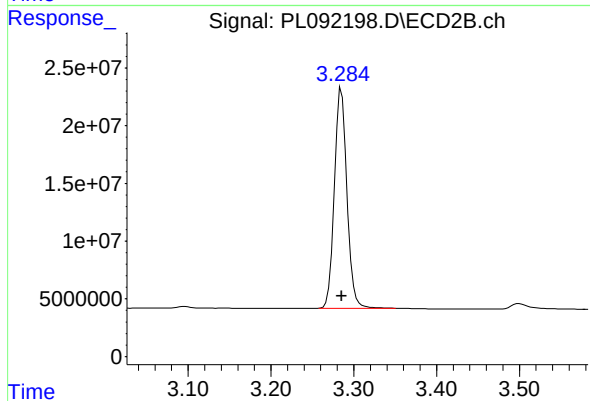
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 135191888
Conc: 53.90 ng/ml



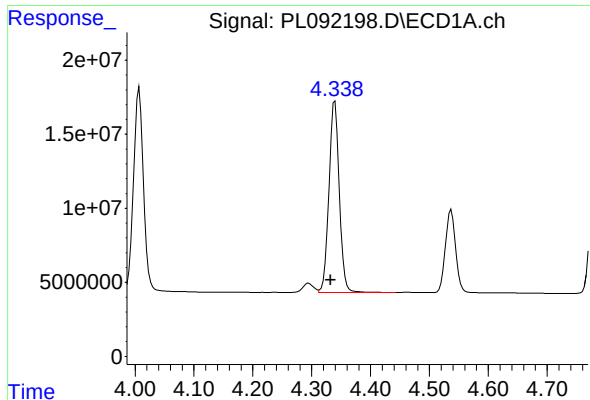
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.008 min
Response: 161621959
Conc: 52.19 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 200987943
Conc: 55.17 ng/ml



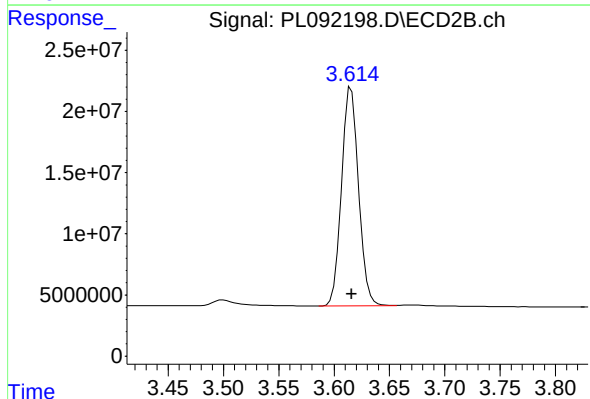
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.007 min
Response: 157927247
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

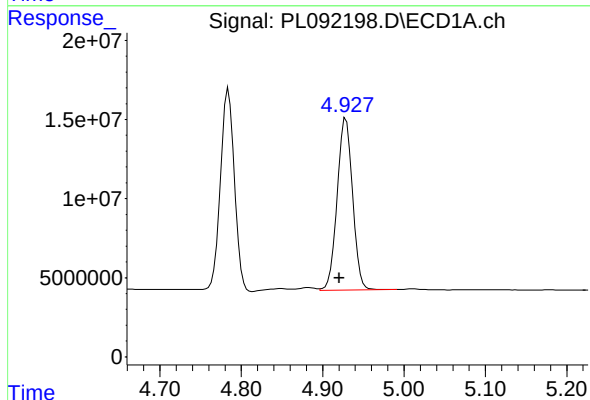
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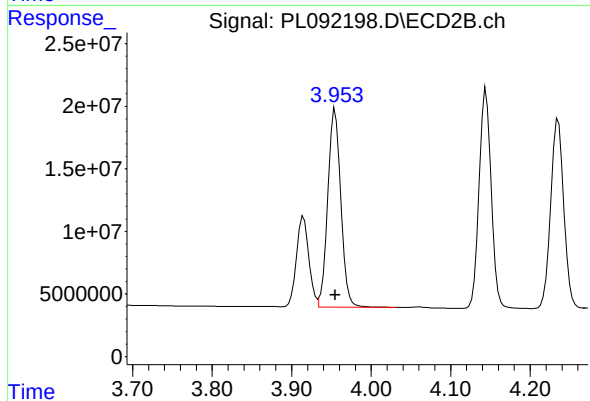
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: 0.000 min
Response: 191602928
Conc: 54.26 ng/ml



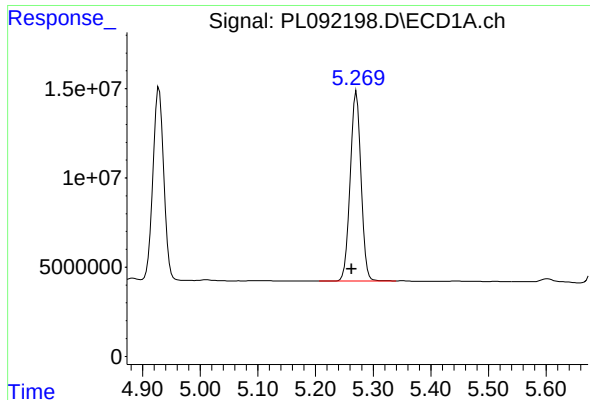
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.008 min
Response: 143366193
Conc: 51.84 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 180279509
Conc: 52.25 ng/ml



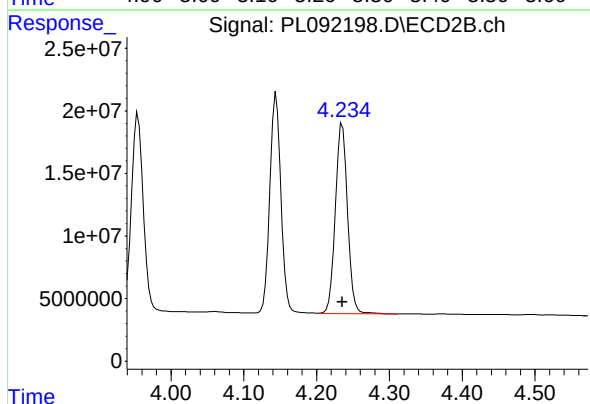
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.008 min
Response: 138205941
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

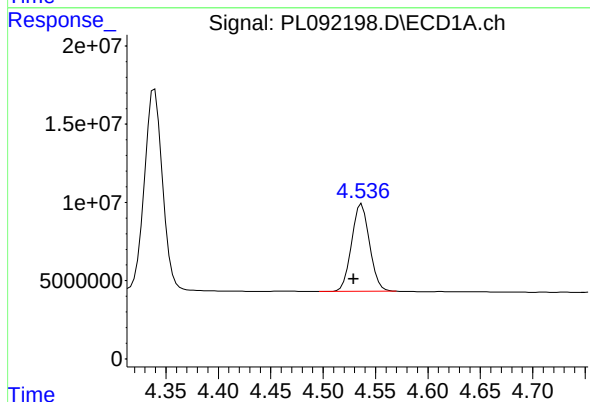
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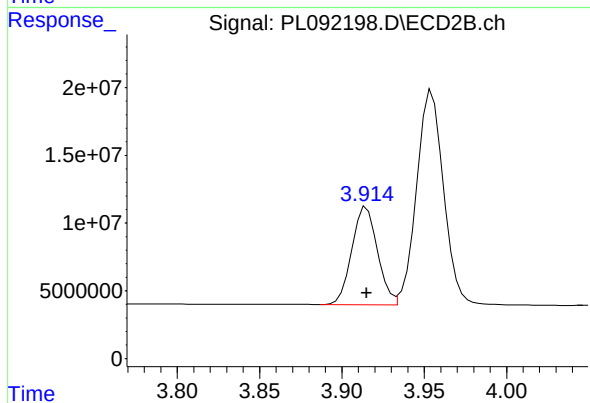
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 176757813
Conc: 51.97 ng/ml



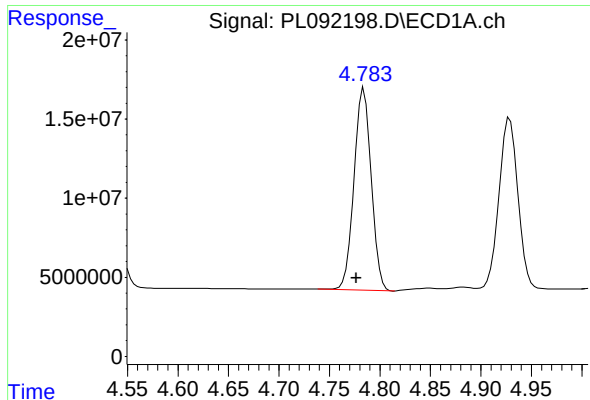
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.008 min
Response: 67057068
Conc: 50.56 ng/ml



#6 beta-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 78224523
Conc: 52.04 ng/ml



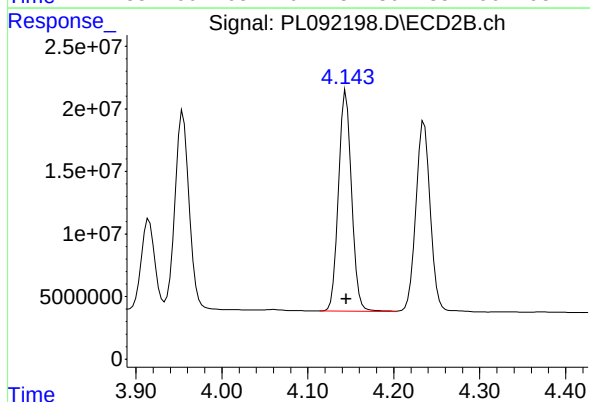
#7 delta-BHC

R.T.: 4.784 min
Delta R.T.: 0.008 min
Response: 151126156
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

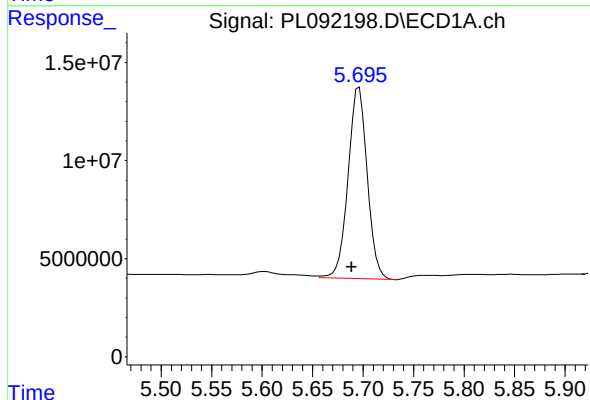
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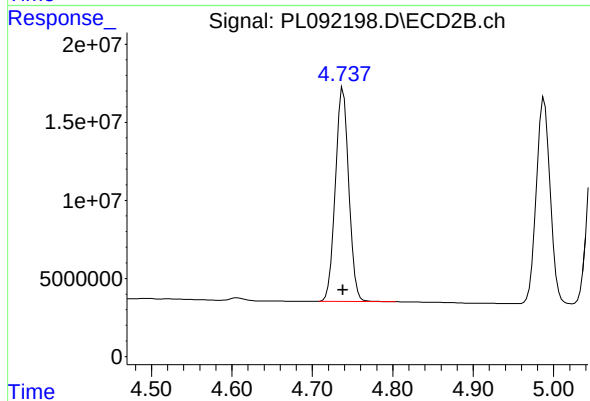
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 185882563
Conc: 53.54 ng/ml



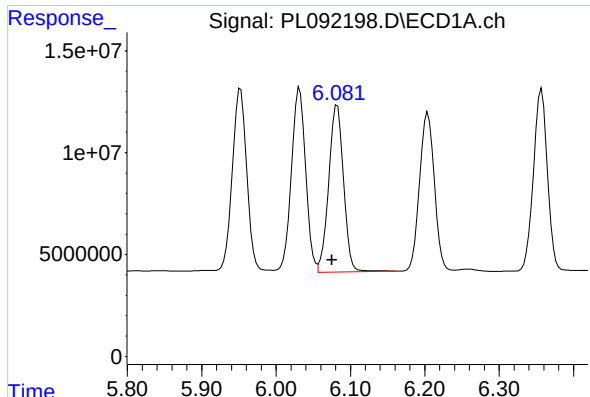
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.007 min
Response: 128843200
Conc: 50.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 159015307
Conc: 52.60 ng/ml



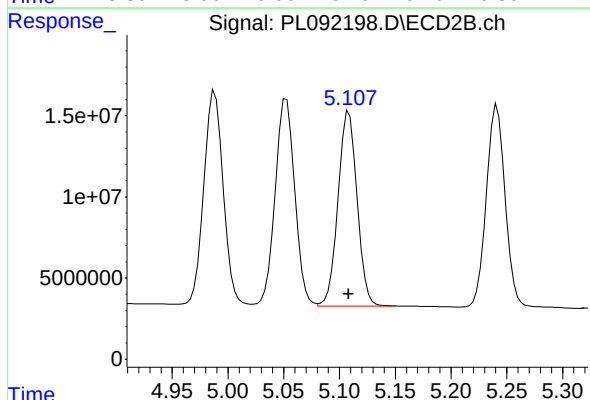
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 113775873
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

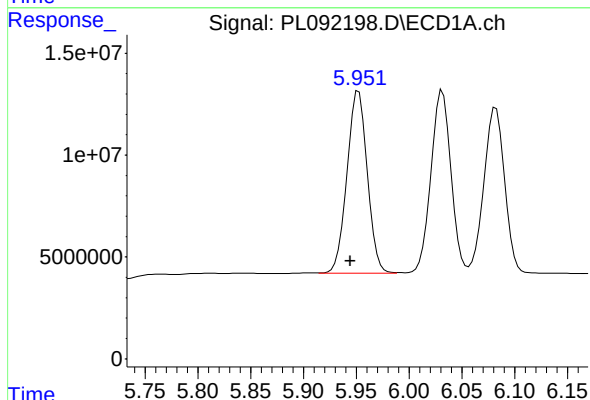
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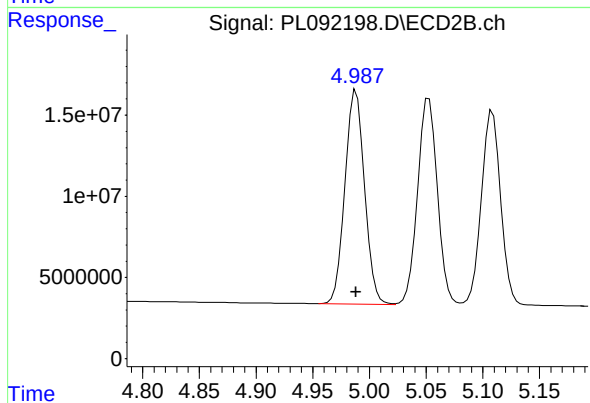
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 142585178
Conc: 51.95 ng/ml m



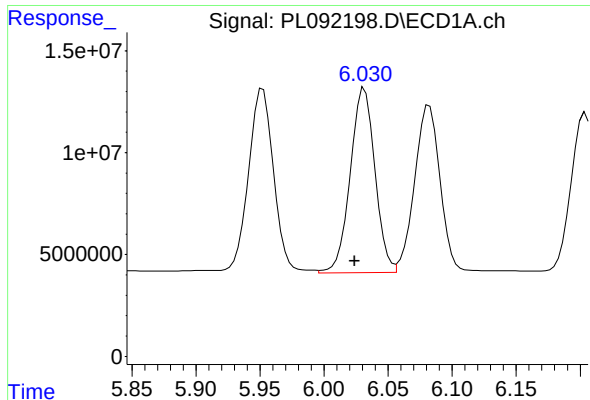
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.006 min
Response: 119879772
Conc: 48.51 ng/ml m



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.000 min
Response: 158481778
Conc: 52.68 ng/ml



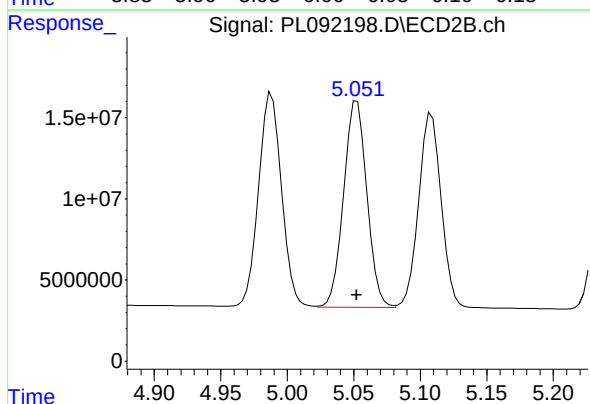
#11 alpha-Chlordane

R.T.: 6.032 min
Delta R.T.: 0.008 min
Response: 121817907
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

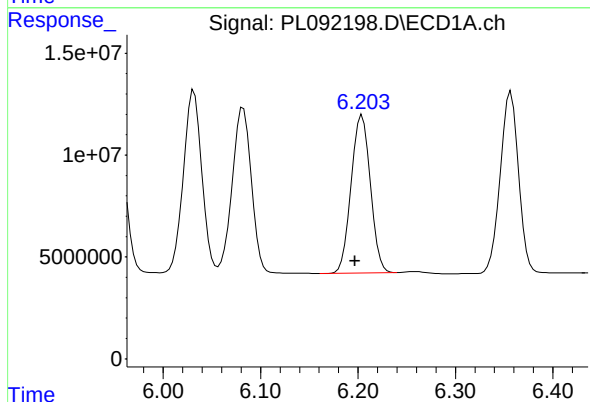
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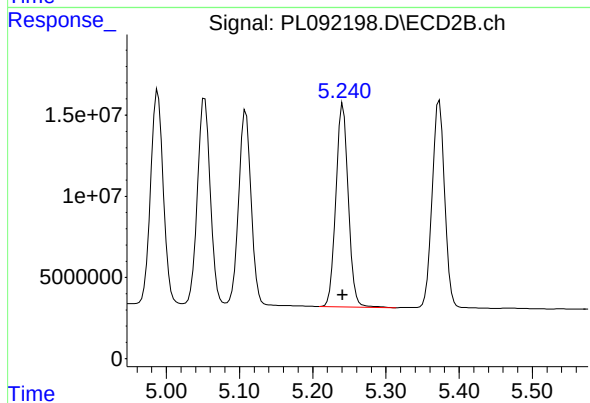
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 155171135
Conc: 51.84 ng/ml



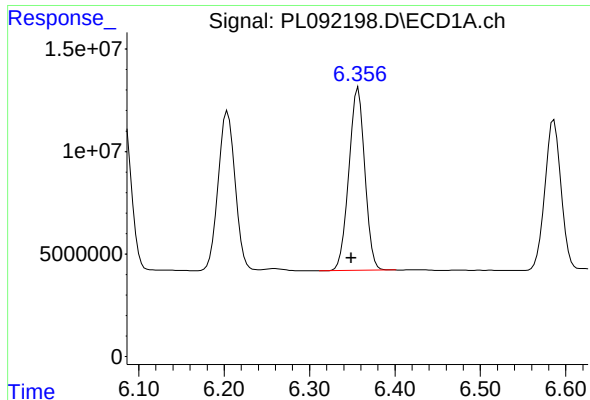
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.008 min
Response: 106769578
Conc: 49.33 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 147262943
Conc: 52.99 ng/ml



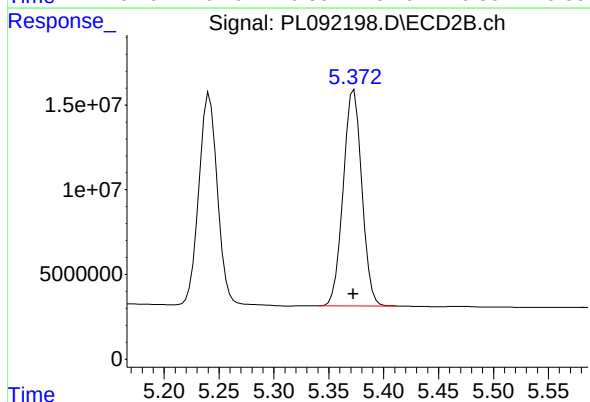
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.008 min
Response: 116285518
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

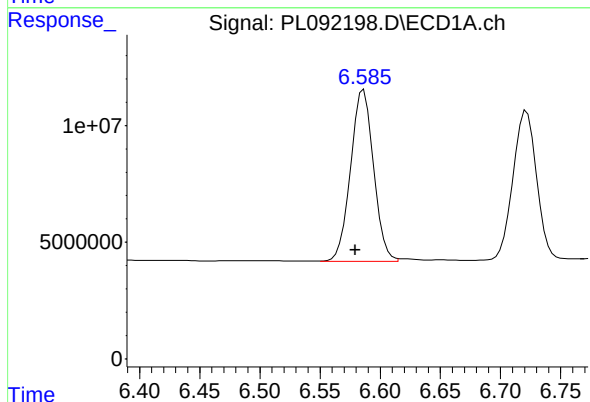
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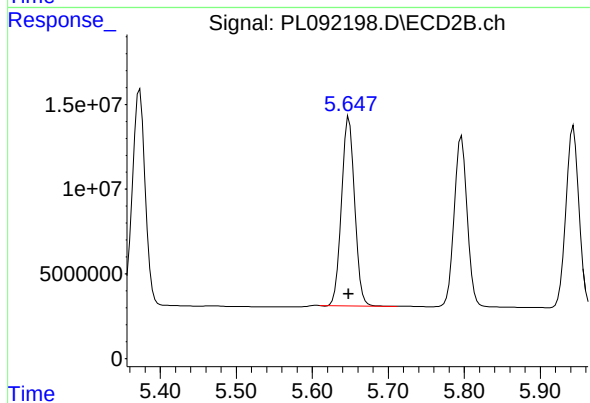
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 150405443
Conc: 51.30 ng/ml



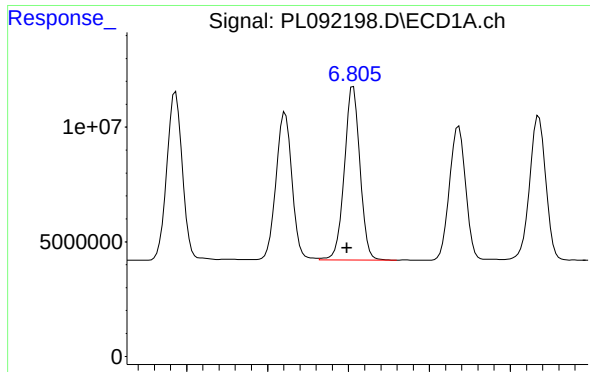
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.006 min
Response: 98279551
Conc: 47.69 ng/ml m



#14 Endrin

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 133203774
Conc: 50.80 ng/ml



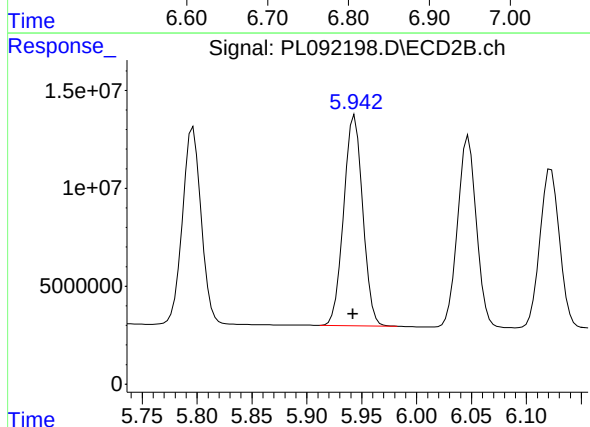
#15 Endosulfan II

R.T.: 6.806 min
Delta R.T.: 0.008 min
Response: 101451815
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

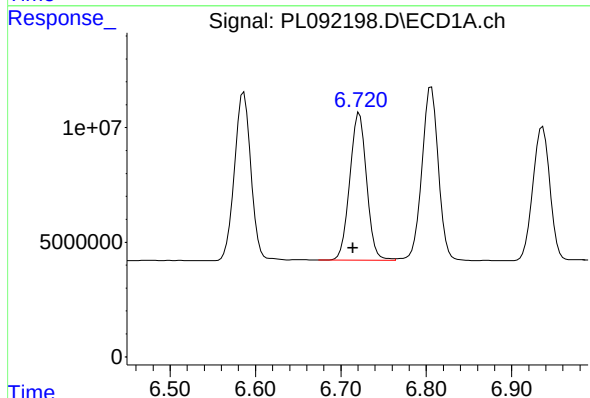
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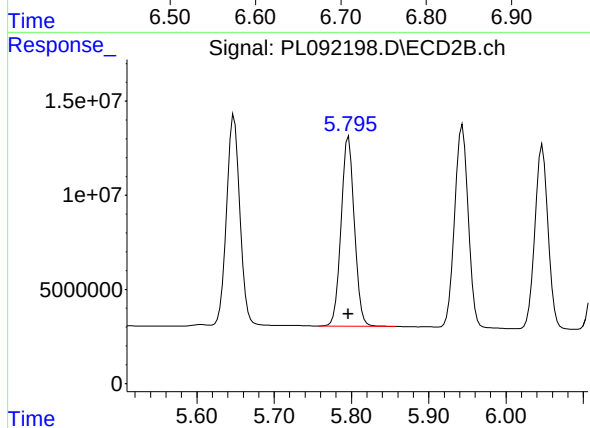
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 129572750
Conc: 51.78 ng/ml



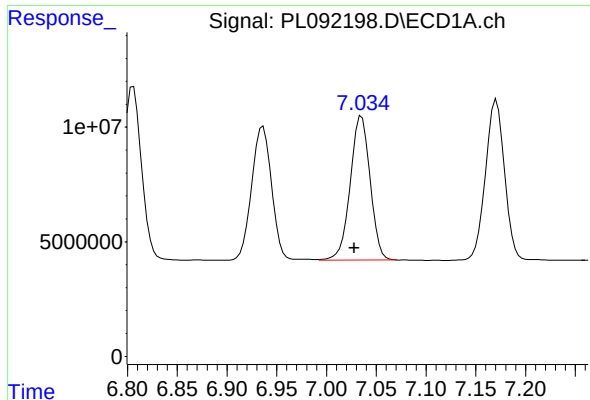
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.008 min
Response: 88507675
Conc: 49.29 ng/ml



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 119661459
Conc: 56.02 ng/ml



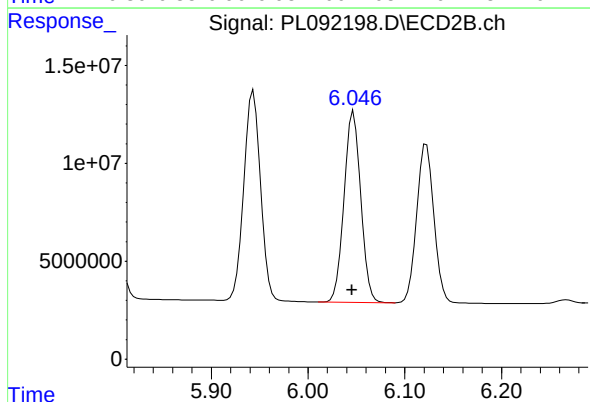
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: 0.007 min
Response: 87352854
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

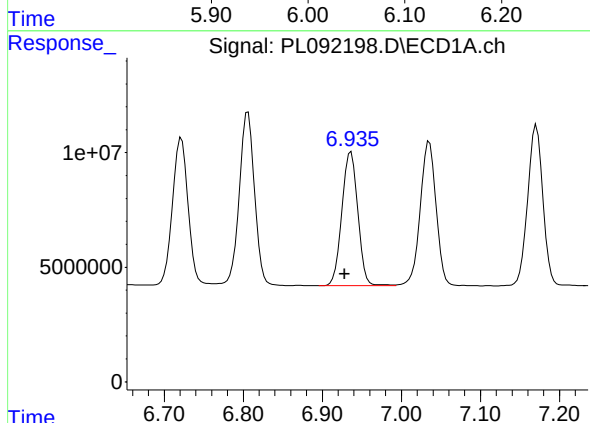
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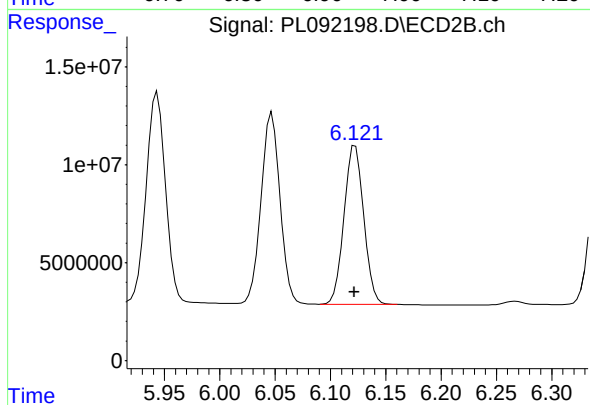
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.002 min
Response: 116400359
Conc: 50.32 ng/ml



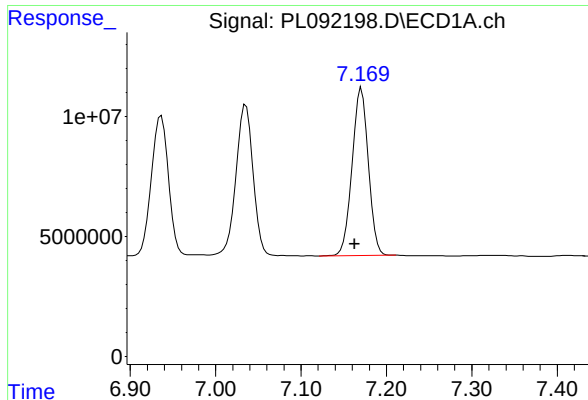
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: 0.008 min
Response: 81764358
Conc: 46.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 100668388
Conc: 49.33 ng/ml



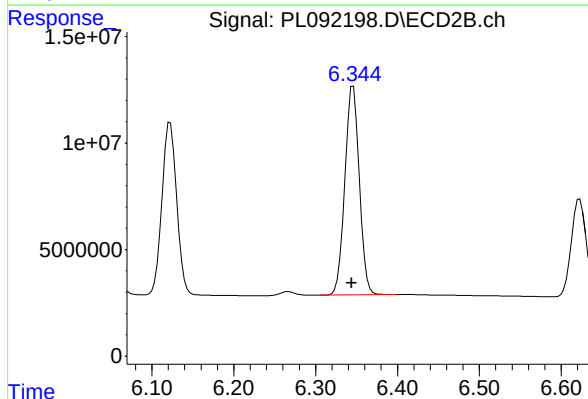
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: 0.008 min
Response: 92881650
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

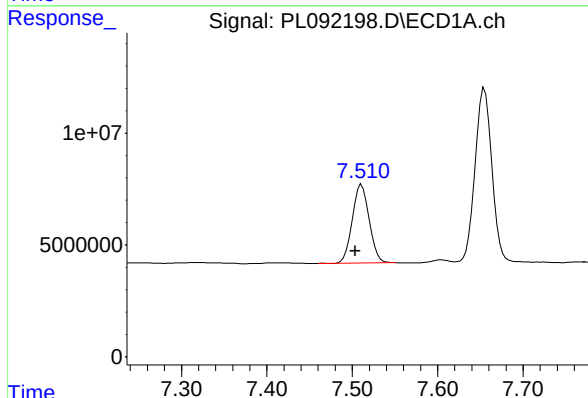
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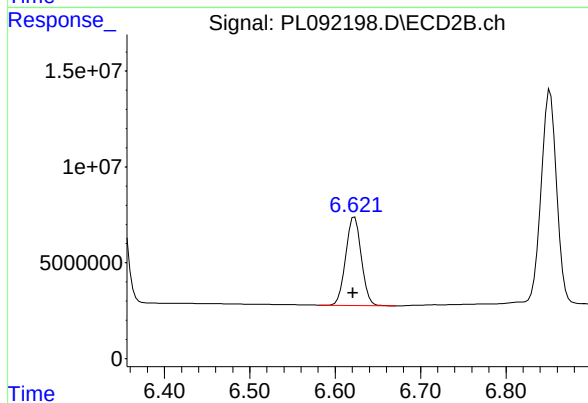
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 120827989
Conc: 50.08 ng/ml



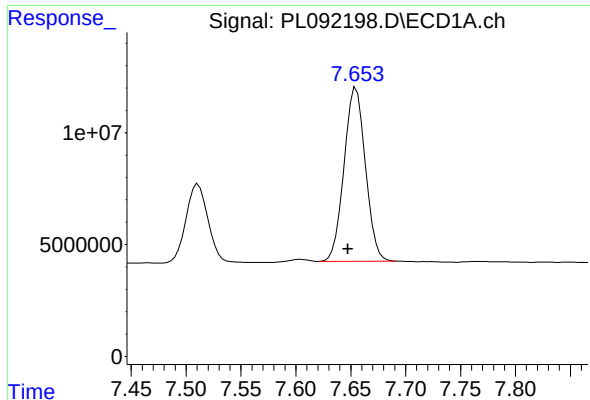
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.007 min
Response: 48466118
Conc: 49.37 ng/ml



#20 Methoxychlor

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 58602700
Conc: 46.87 ng/ml



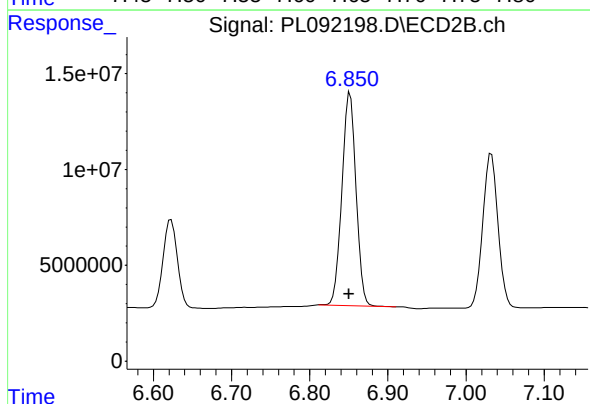
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.007 min
Response: 105168468
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

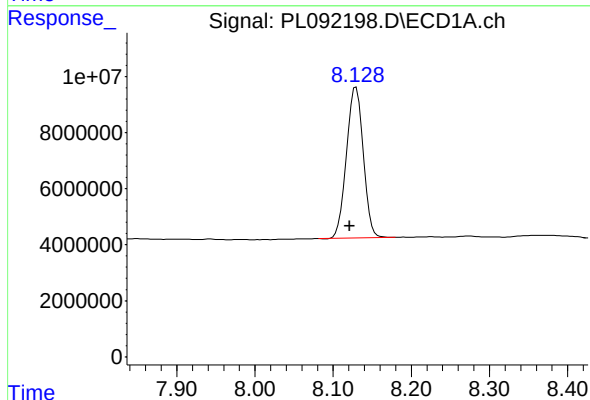
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Supervised By :Ankita Jodhani 10/03/2024



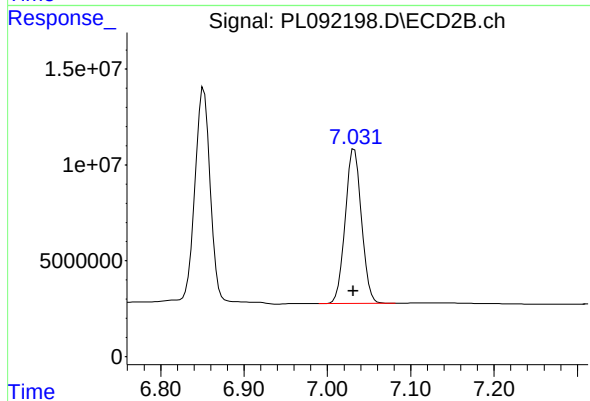
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 139392839
Conc: 50.34 ng/ml



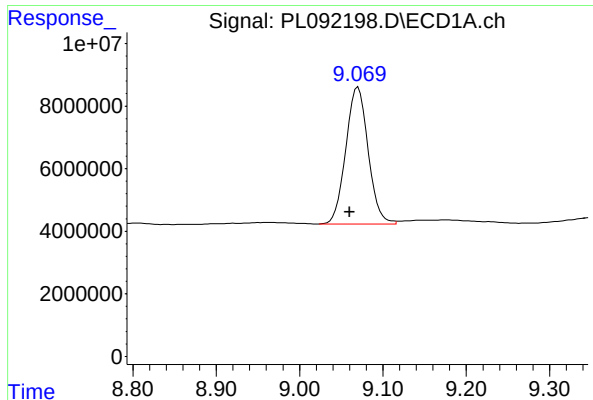
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.008 min
Response: 80526755
Conc: 44.71 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 108846900
Conc: 44.74 ng/ml



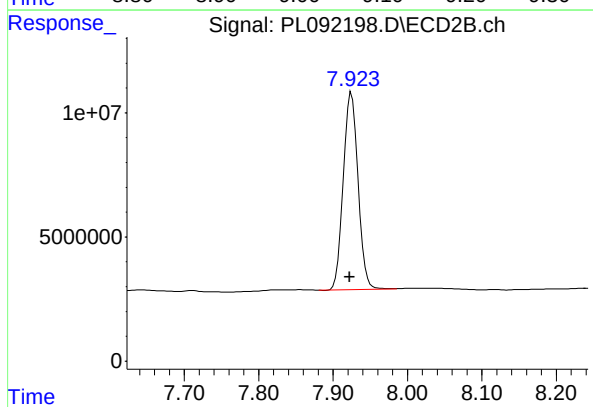
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.008 min
Response: 81317310
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2024
Supervised By :Ankita Jodhani 10/03/2024



#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.002 min
Response: 109628376
Conc: 43.82 ng/ml