

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
 Data File : PL090594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2024 11:18
 Operator : AR\AJ
 Sample : PB162138BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162138BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/22/2024
 Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 22:01:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.554	2.788	45094978	35813987	21.657	21.280
28) SA Decachlor...	9.072	7.937	30663600	31415749	23.075	21.546
Target Compounds						
2) A alpha-BHC	4.010	3.293	146.2E6	126.0E6	49.255	52.140
3) MA gamma-BHC...	4.343	3.624	142.0E6	121.4E6	50.723	52.665
4) MA Heptachlor	4.931	3.965	125.0E6	112.1E6	49.134m	50.799
5) MB Aldrin	5.273	4.244	125.7E6	112.5E6	50.323m	52.880m
6) B beta-BHC	4.539	3.923	60424279	49903840	47.634	48.347
7) B delta-BHC	4.786	4.153	134.0E6	117.1E6	49.974	53.224
8) B Heptachlo...	5.700	4.749	115.8E6	101.6E6	49.286	52.099
9) A Endosulfan I	6.084	5.120	103.9E6	93657494	48.569m	51.214
10) B gamma-Chl...	5.954	4.999	111.2E6	101.0E6	47.835m	49.826
11) B alpha-Chl...	6.033	5.064	111.5E6	101.4E6	48.568m	50.168
12) B 4,4'-DDE	6.207	5.252	101.3E6	91895268	50.083	51.421
13) MA Dieldrin	6.360	5.384	111.1E6	100.9E6	50.015	51.457
14) MA Endrin	6.589	5.660	92271165	87096072	50.190	50.604
15) B Endosulfa...	6.808	5.955	95024399	86903335	48.313	50.868
16) A 4,4'-DDD	6.724	5.808	84548811	77715987	50.082	51.870
17) MA 4,4'-DDT	7.037	6.059	83099579	77245803	49.367	52.722
18) B Endrin al...	6.938	6.134	75442998	68241720	50.851	52.231
19) B Endosulfa...	7.172	6.357	89528059	83524809	50.977	51.798
20) A Methoxychlor	7.513	6.634	46690802	42108841	52.883	52.080
21) B Endrin ke...	7.657	6.863	100.5E6	95297435	52.664	52.146
22) Mirex	8.131	7.044	73431231	72344448	51.849	48.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071924\
Data File : PL090594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jul 2024 11:18
Operator : AR\AJ
Sample : PB162138BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162138BS

Manual Integrations

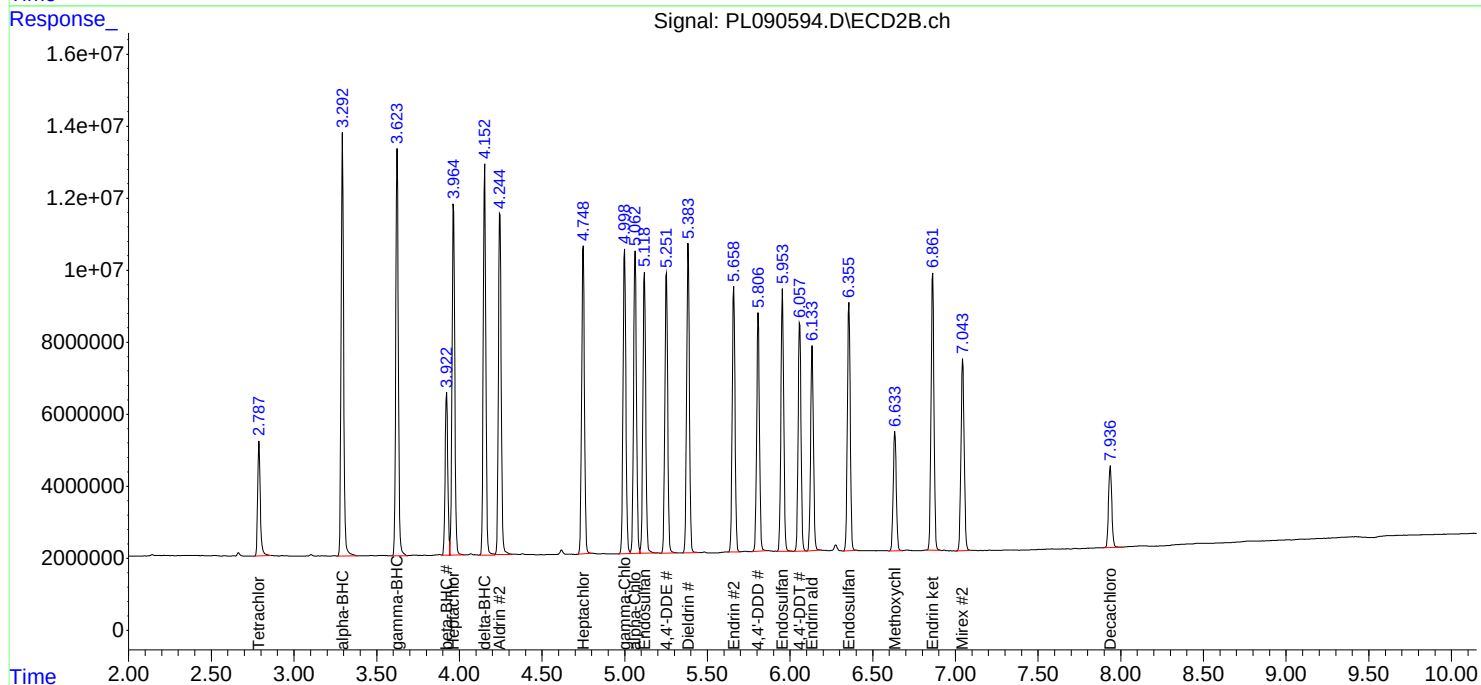
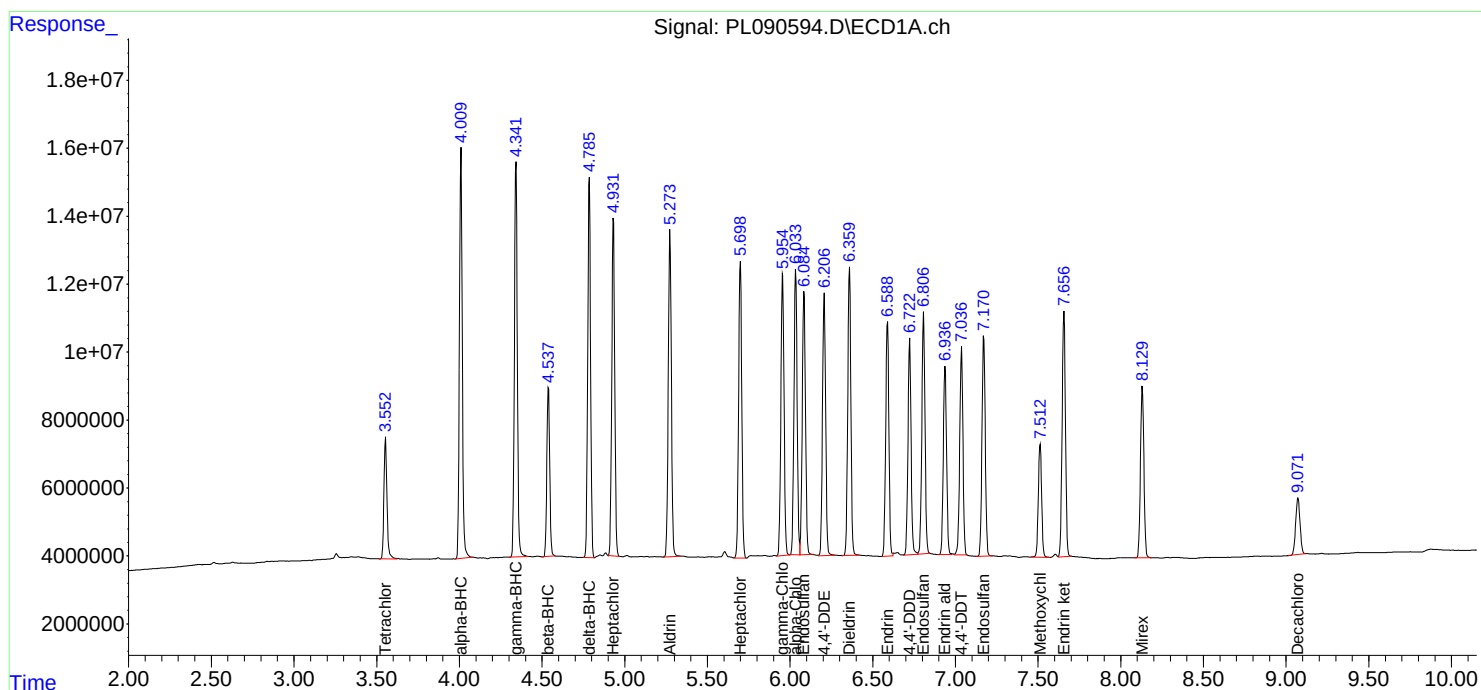
APPROVED

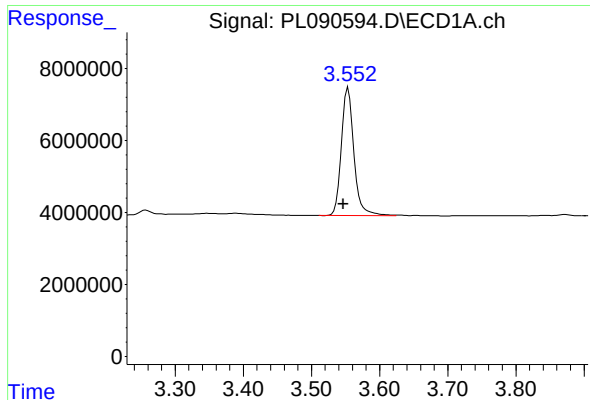
Reviewed By :Abdul Mirza 07/22/2024

Supervised By :Ankita Jodhani 07/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 22:01:54 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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





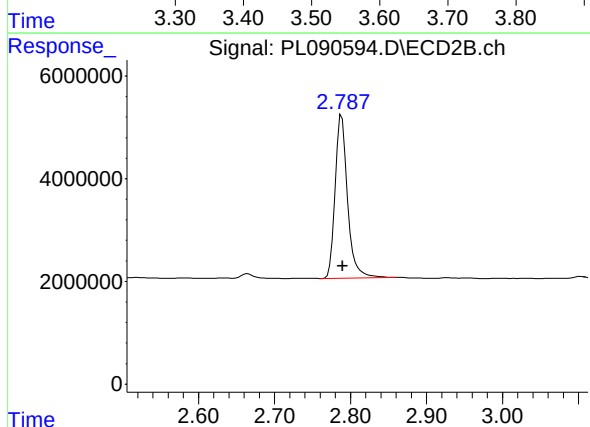
#1 Tetrachloro-m-xylene

R.T.: 3.554 min
Delta R.T.: 0.007 min
Response: 45094978
Conc: 21.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

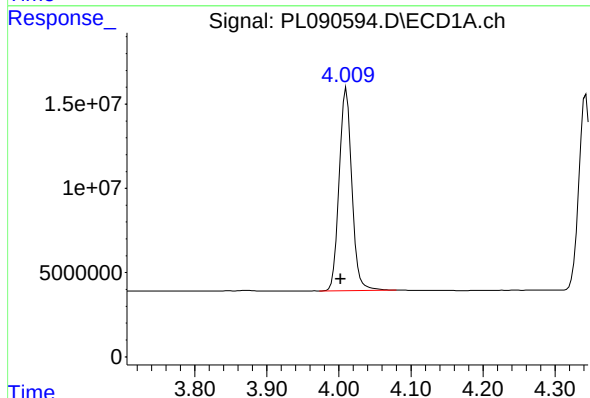
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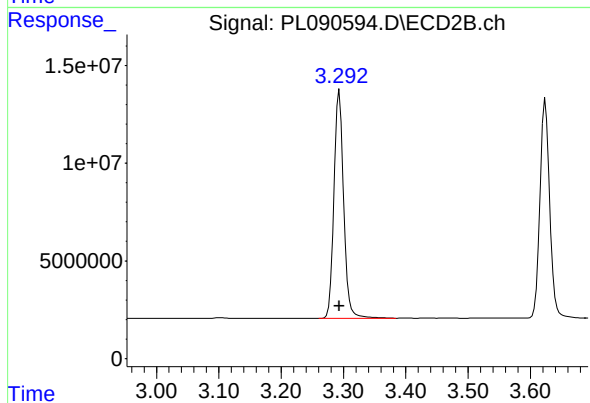
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.001 min
Response: 35813987
Conc: 21.28 ng/ml



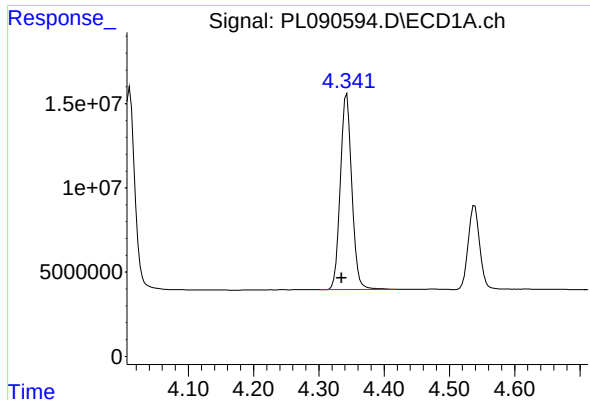
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.008 min
Response: 146157901
Conc: 49.25 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 125976413
Conc: 52.14 ng/ml



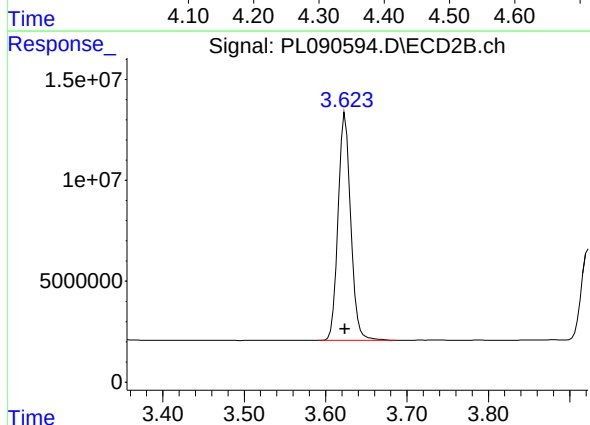
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.008 min
Response: 142047540
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

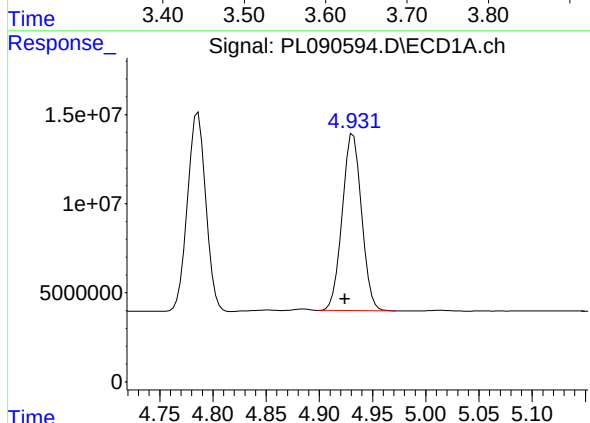
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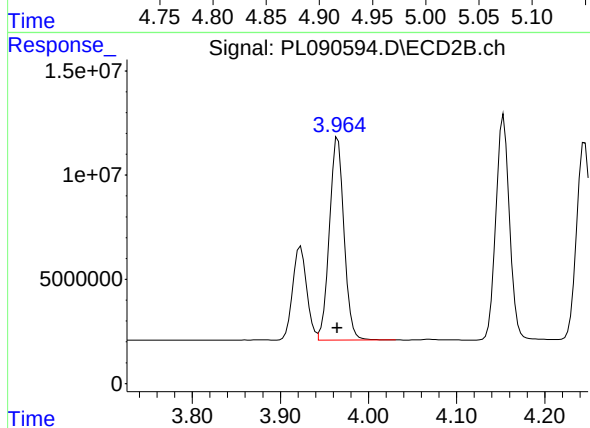
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 121443134
Conc: 52.66 ng/ml



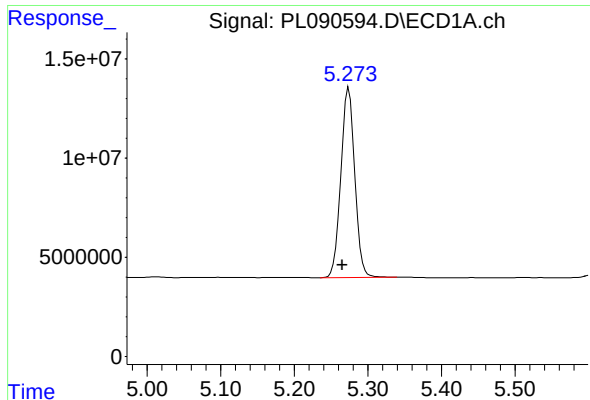
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.006 min
Response: 125049518
Conc: 49.13 ng/ml m



#4 Heptachlor

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 112065099
Conc: 50.80 ng/ml



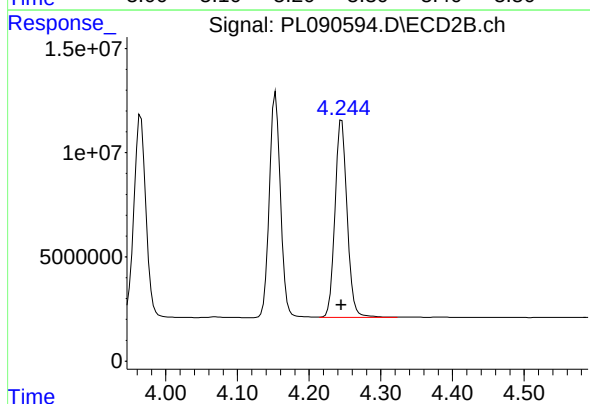
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.007 min
Response: 125726868
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

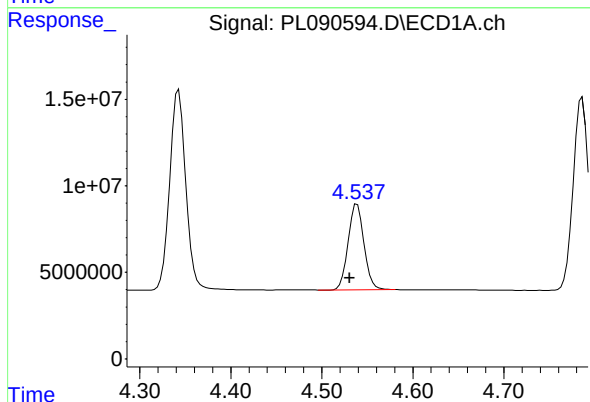
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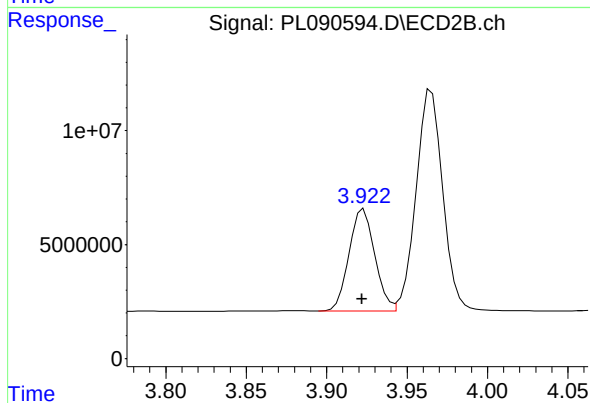
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 112501708
Conc: 52.88 ng/ml m



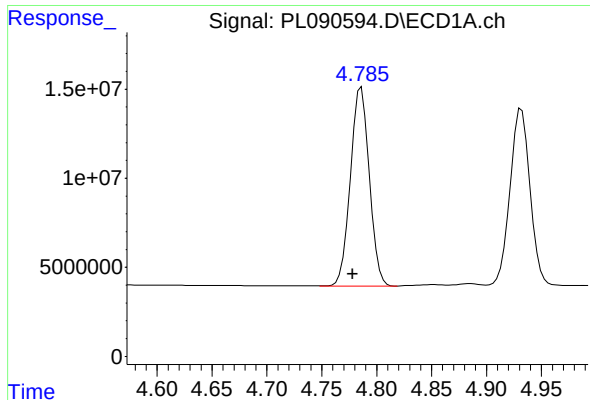
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.008 min
Response: 60424279
Conc: 47.63 ng/ml



#6 beta-BHC

R.T.: 3.923 min
Delta R.T.: 0.001 min
Response: 49903840
Conc: 48.35 ng/ml



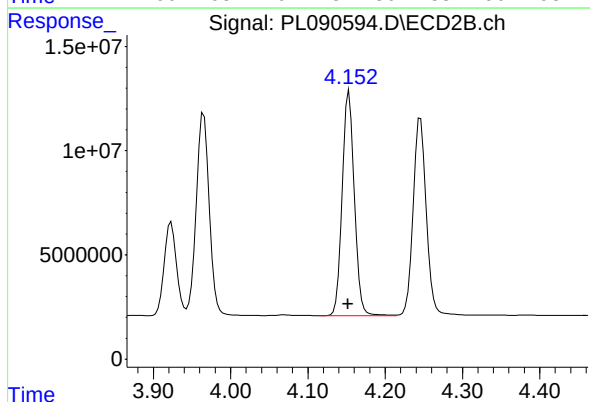
#7 delta-BHC

R.T.: 4.786 min
Delta R.T.: 0.008 min
Response: 133983697
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

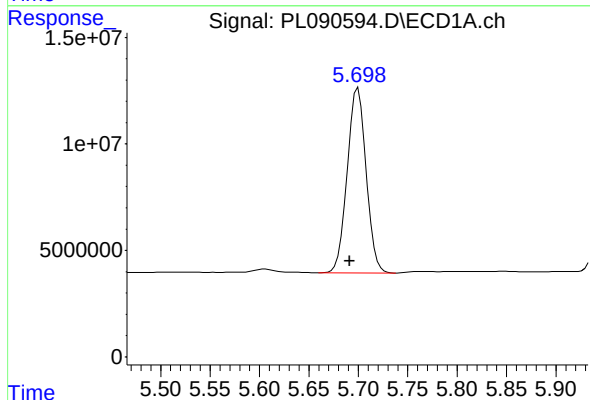
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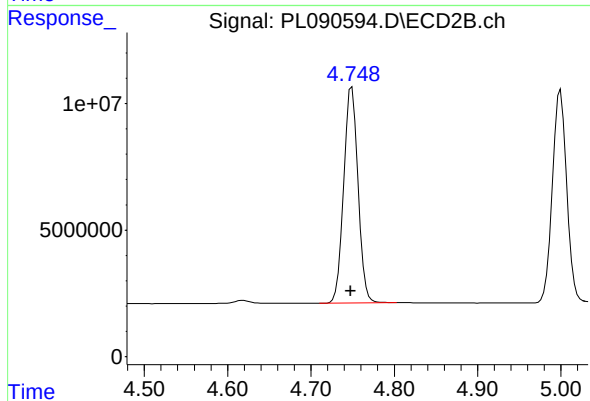
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.001 min
Response: 117079693
Conc: 53.22 ng/ml



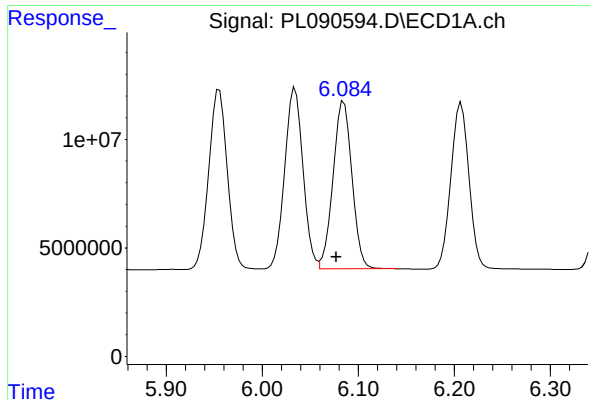
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 115841685
Conc: 49.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.002 min
Response: 101612160
Conc: 52.10 ng/ml



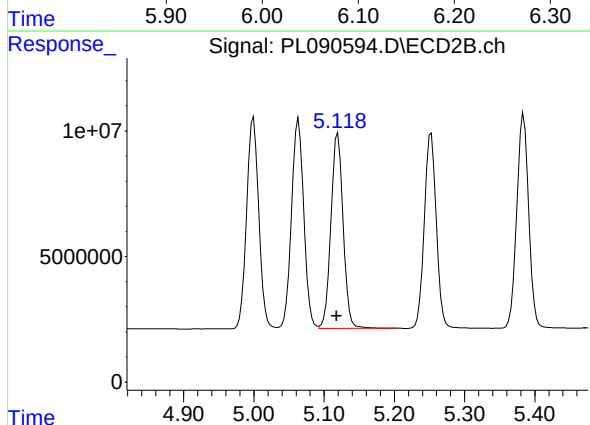
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.006 min
Response: 103875755
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

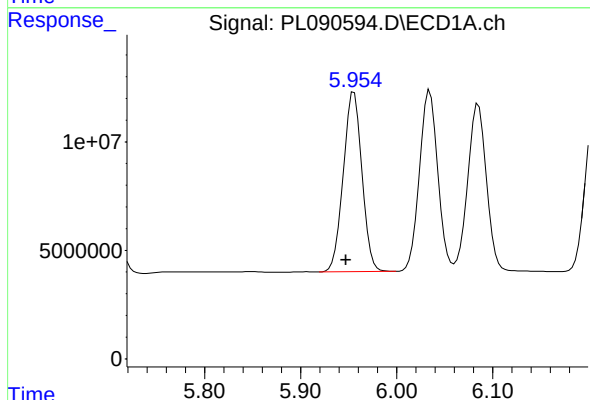
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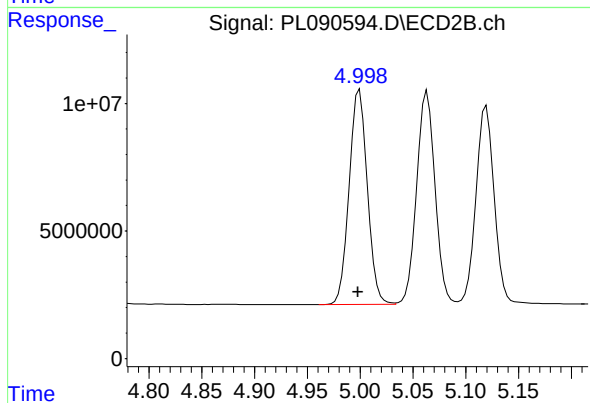
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.002 min
Response: 93657494
Conc: 51.21 ng/ml



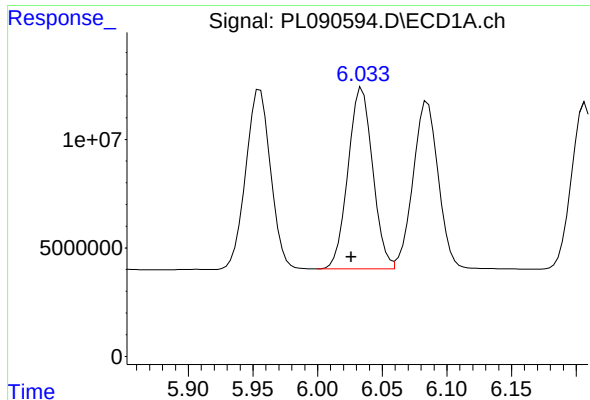
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 111216870
Conc: 47.83 ng/ml m



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.001 min
Response: 101017648
Conc: 49.83 ng/ml



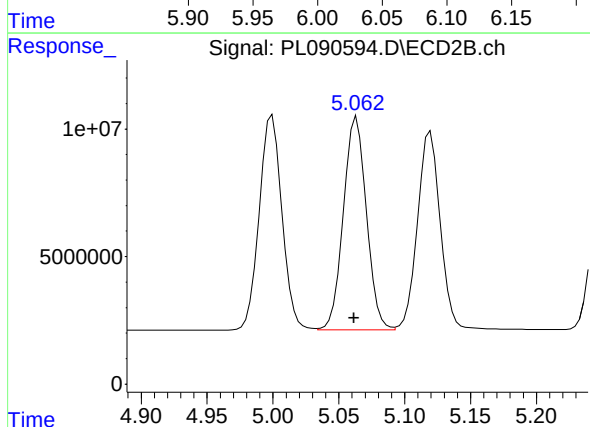
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.007 min
Response: 111497761
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

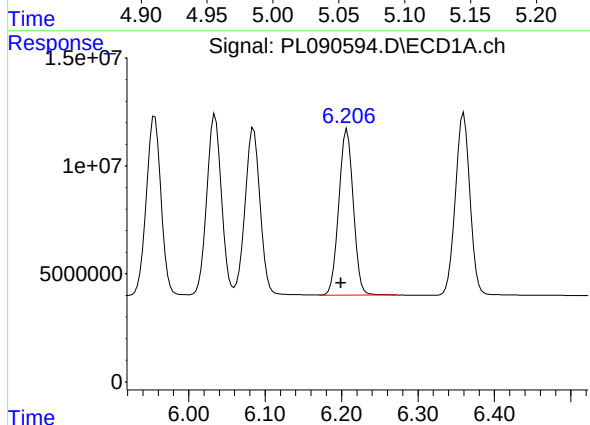
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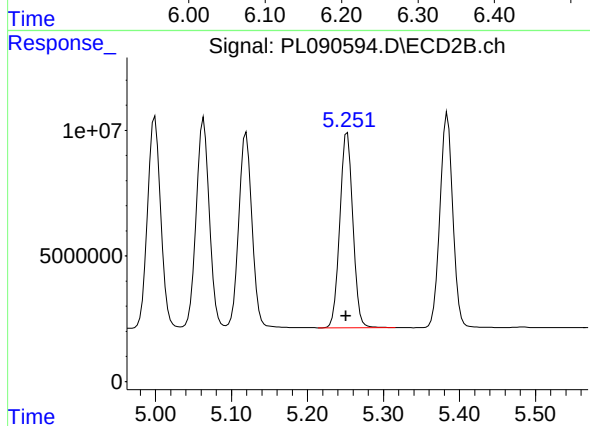
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.002 min
Response: 101370174
Conc: 50.17 ng/ml



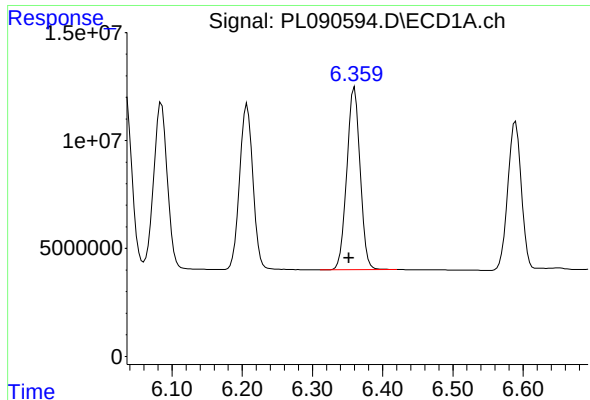
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.008 min
Response: 101269661
Conc: 50.08 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 91895268
Conc: 51.42 ng/ml



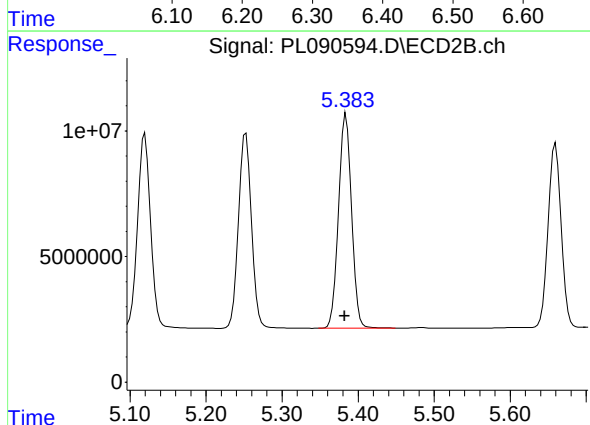
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.008 min
Response: 111123231
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

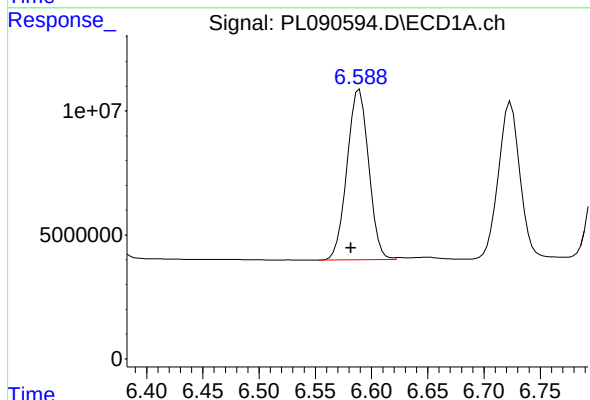
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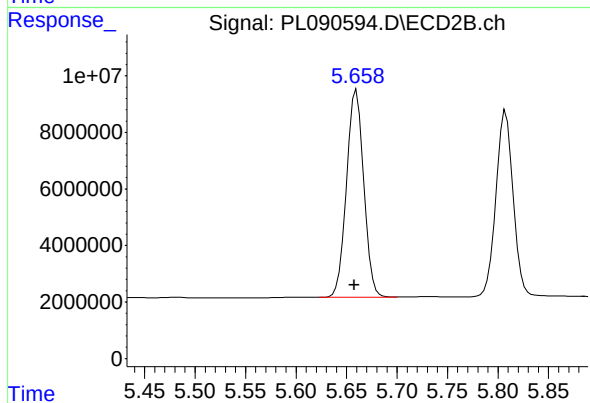
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.002 min
Response: 100903056
Conc: 51.46 ng/ml



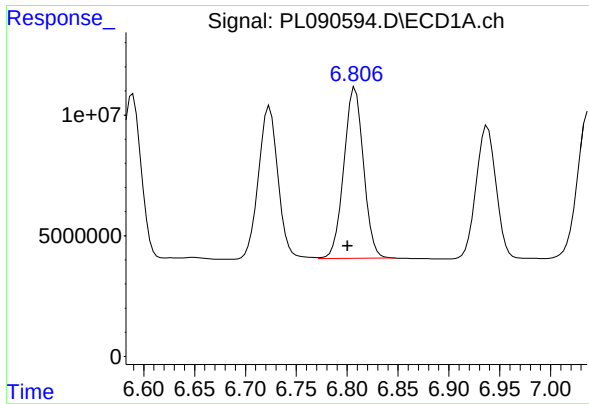
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.008 min
Response: 92271165
Conc: 50.19 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 87096072
Conc: 50.60 ng/ml



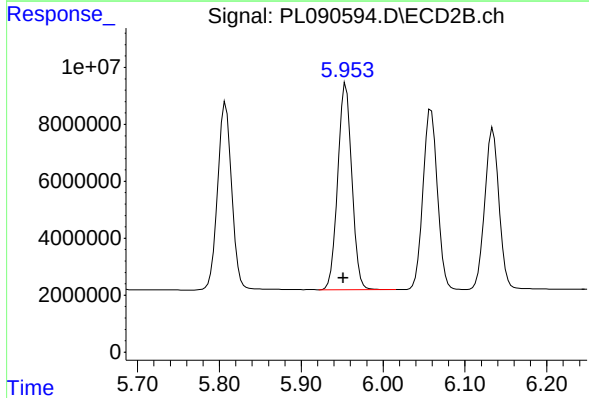
#15 Endosulfan II

R.T.: 6.808 min
Delta R.T.: 0.008 min
Response: 95024399
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

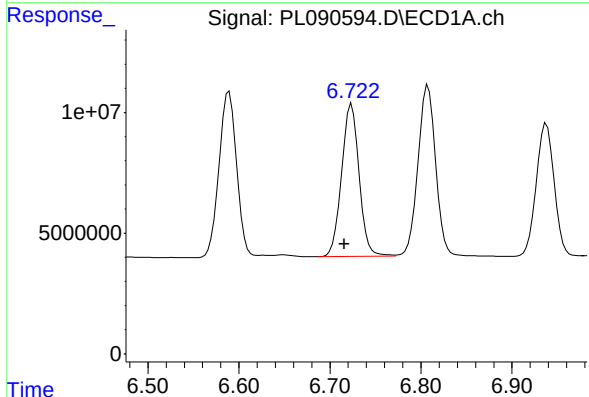
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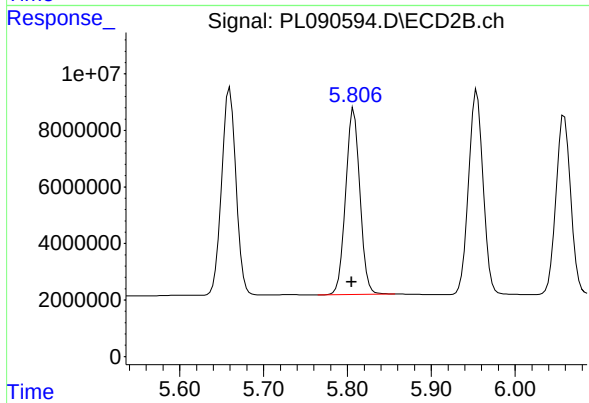
#15 Endosulfan II

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 86903335
Conc: 50.87 ng/ml



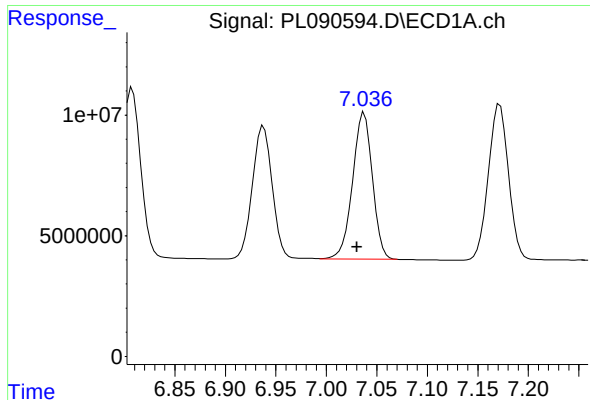
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.008 min
Response: 84548811
Conc: 50.08 ng/ml



#16 4,4'-DDD

R.T.: 5.808 min
Delta R.T.: 0.002 min
Response: 77715987
Conc: 51.87 ng/ml



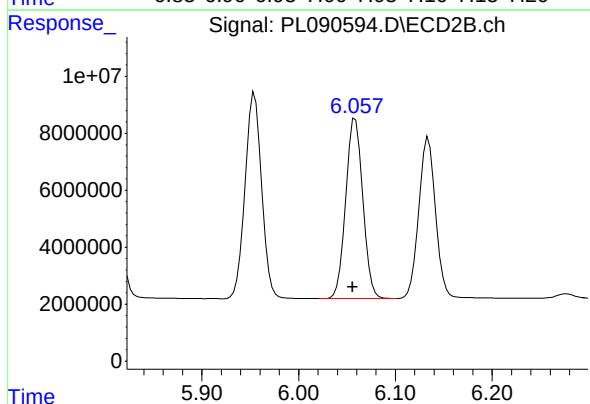
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.007 min
Response: 83099579
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

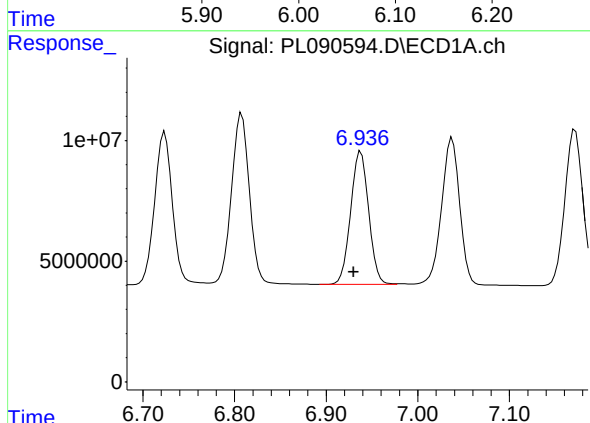
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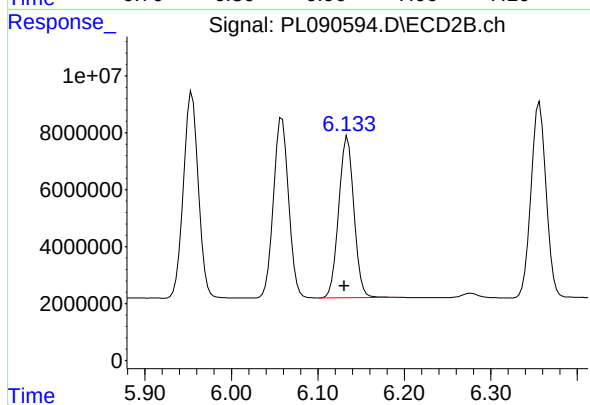
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 77245803
Conc: 52.72 ng/ml



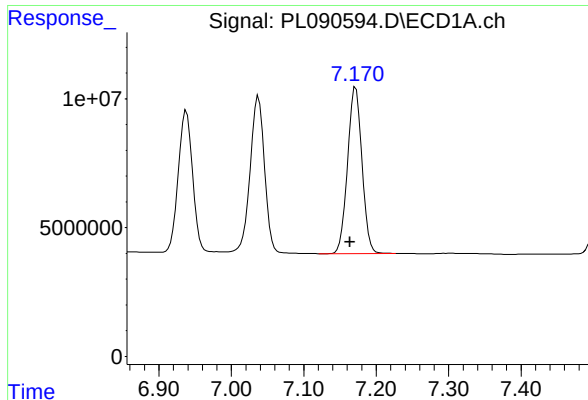
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.008 min
Response: 75442998
Conc: 50.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.134 min
Delta R.T.: 0.003 min
Response: 68241720
Conc: 52.23 ng/ml



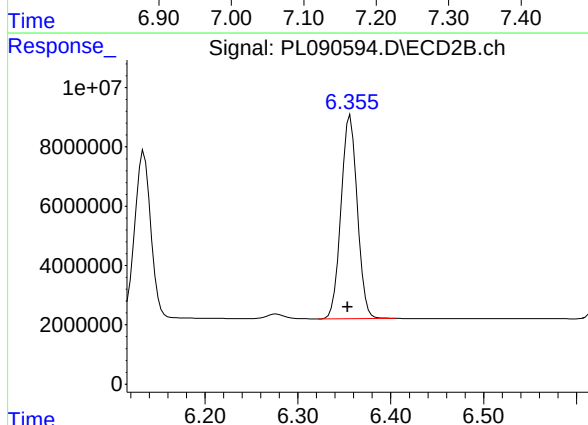
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: 0.008 min
Response: 89528059
Conc: 50.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

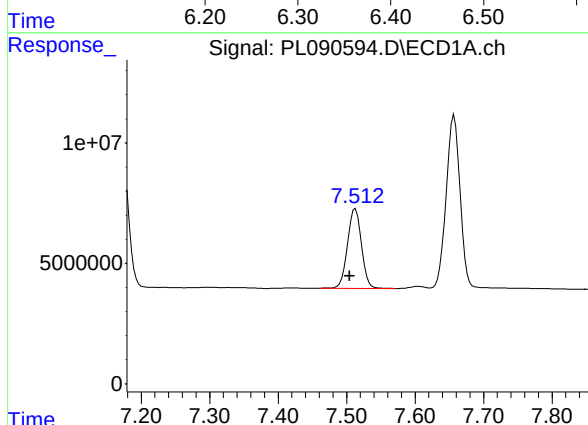
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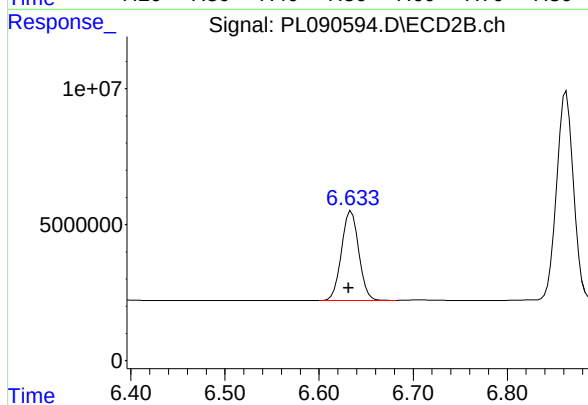
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 83524809
Conc: 51.80 ng/ml



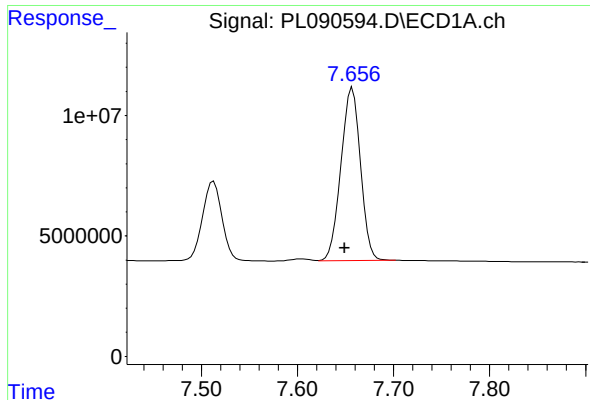
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.008 min
Response: 46690802
Conc: 52.88 ng/ml



#20 Methoxychlor

R.T.: 6.634 min
Delta R.T.: 0.003 min
Response: 42108841
Conc: 52.08 ng/ml



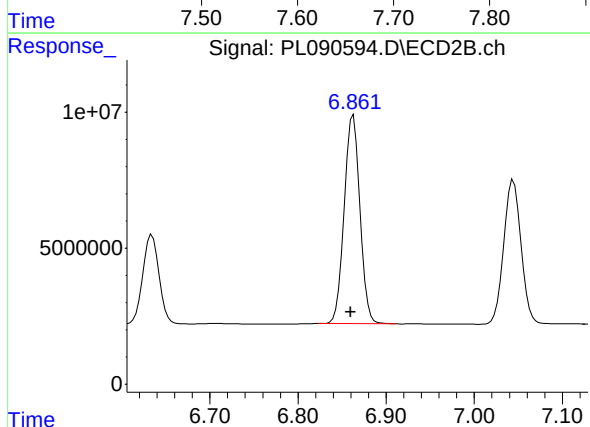
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.008 min
Response: 100536226
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

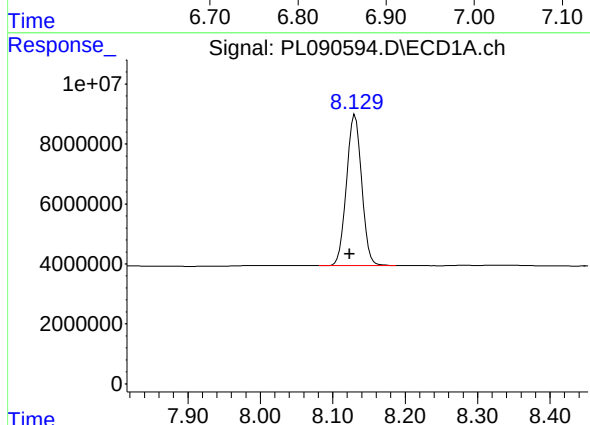
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Supervised By :Ankita Jodhani 07/22/2024



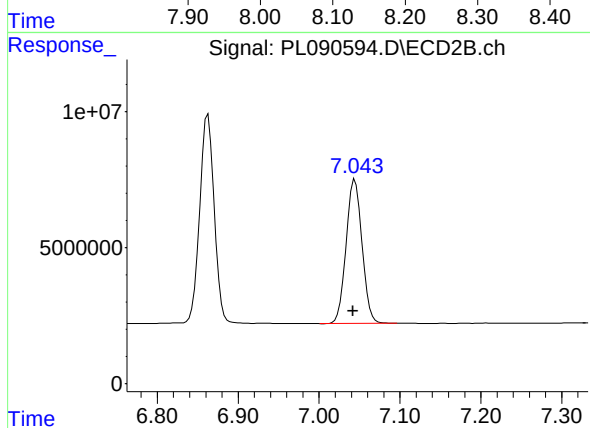
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.003 min
Response: 95297435
Conc: 52.15 ng/ml



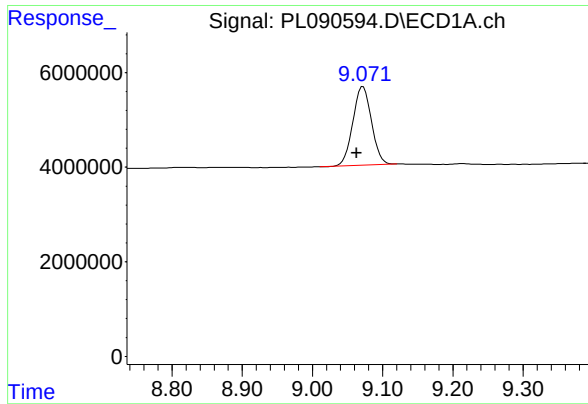
#22 Mirex

R.T.: 8.131 min
Delta R.T.: 0.007 min
Response: 73431231
Conc: 51.85 ng/ml



#22 Mirex

R.T.: 7.044 min
Delta R.T.: 0.002 min
Response: 72344448
Conc: 48.66 ng/ml



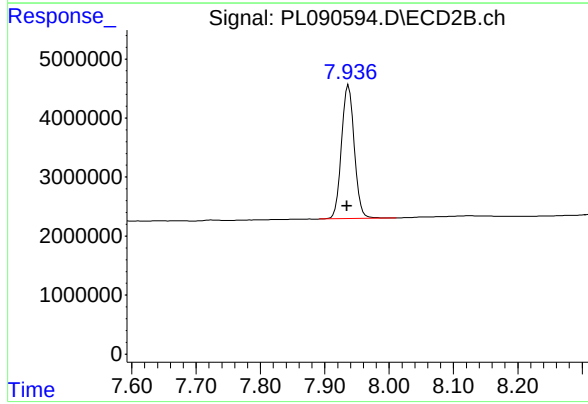
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.009 min
Response: 30663600
Conc: 23.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162138BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.002 min
Response: 31415749
Conc: 21.55 ng/ml