

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110124\
 Data File : PL092803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2024 15:14
 Operator : AR\AJ
 Sample : PB164579BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164579BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 01:42:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.541	2.778	43651302	45001121	17.815	16.537
28) SA Decachlor...	9.059	7.919	36208345	53204644	18.814	19.494
Target Compounds						
2) A alpha-BHC	3.998	3.281	155.5E6	190.5E6	45.854	47.753
3) MA gamma-BHC...	4.330	3.611	147.6E6	182.9E6	45.287	47.397
4) MA Heptachlor	4.919	3.950	144.4E6	191.5E6	48.084	50.743
5) MB Aldrin	5.261	4.231	135.8E6	176.4E6	45.229	48.203
6) B beta-BHC	4.528	3.911	67976253	80671112	47.027	49.003
7) B delta-BHC	4.775	4.140	127.4E6	163.2E6	40.718	42.478
8) B Heptachlo...	5.687	4.733	129.0E6	166.4E6	46.723	49.787
9) A Endosulfan I	6.072	5.103	118.9E6	149.3E6	47.515	48.906
10) B gamma-Chl...	5.943	4.983	128.1E6	171.1E6	48.133	50.905
11) B alpha-Chl...	6.022	5.047	126.4E6	167.9E6	47.748	50.470
12) B 4,4'-DDE	6.196	5.236	112.0E6	163.9E6	47.284	50.885
13) MA Dieldrin	6.348	5.367	125.3E6	171.0E6	47.560	51.187
14) MA Endrin	6.577	5.643	106.6E6	156.9E6	46.809	54.226
15) B Endosulfa...	6.797	5.937	112.6E6	146.6E6	47.252	51.737
16) A 4,4'-DDD	6.712	5.791	92048214	127.9E6	47.954	51.345
17) MA 4,4'-DDT	7.026	6.041	102.1E6	139.9E6	49.337	52.165
18) B Endrin al...	6.927	6.117	87666446	113.4E6	46.681	49.143
19) B Endosulfa...	7.161	6.340	101.2E6	136.2E6	46.630	50.521
20) A Methoxychlor	7.503	6.617	52048743	73039027	45.657	51.147
21) B Endrin ke...	7.646	6.845	113.2E6	164.0E6	46.714	53.431m
22) Mirex	8.120	7.026	82881306	112.8E6	41.823	43.245

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

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Acq On : 01 Nov 2024 15:14
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Sample : PB164579BS
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Instrument :

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ClientSampleId :

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Manual Integrations

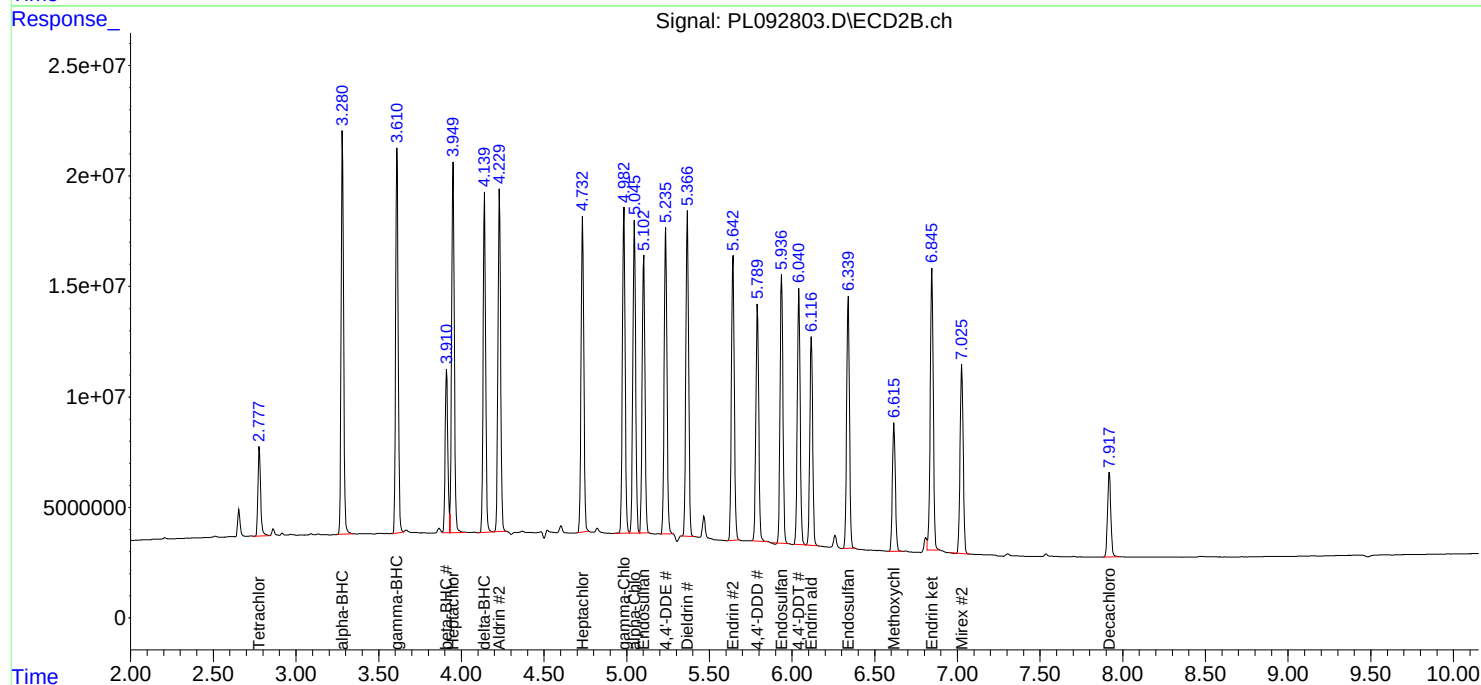
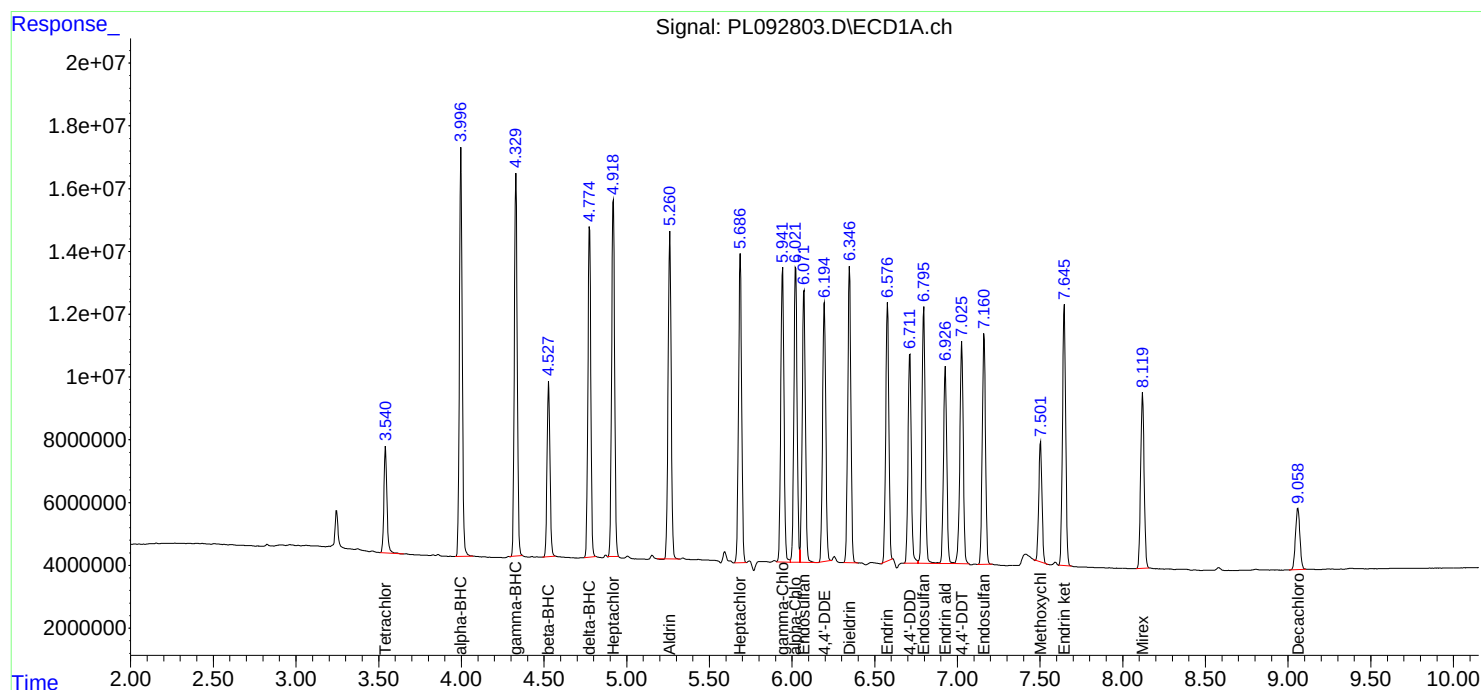
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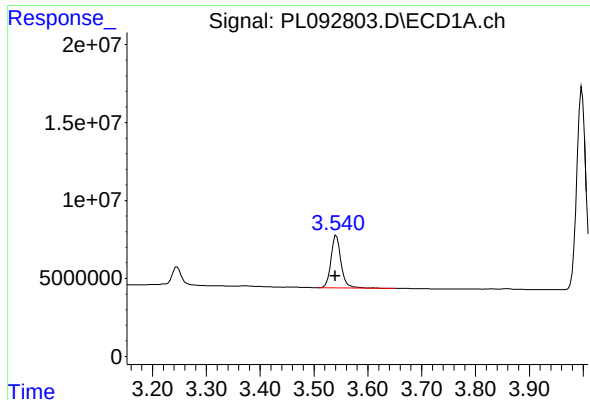
Reviewed By :Abdul Mirza 11/04/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 01:42:29 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





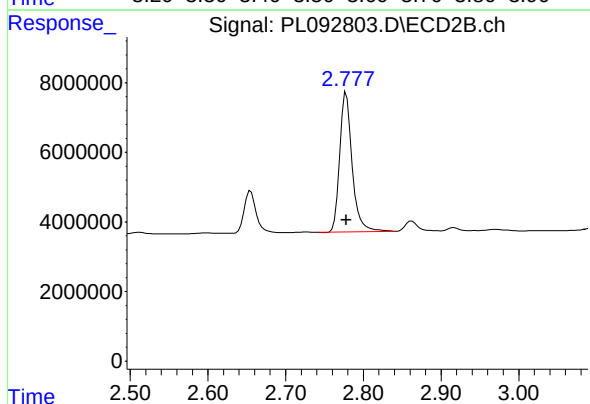
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 43651302
Conc: 17.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

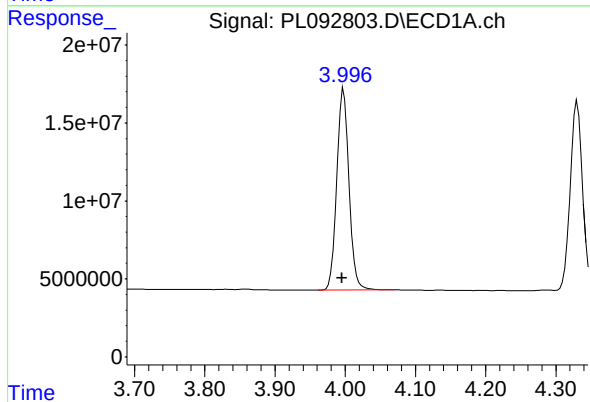
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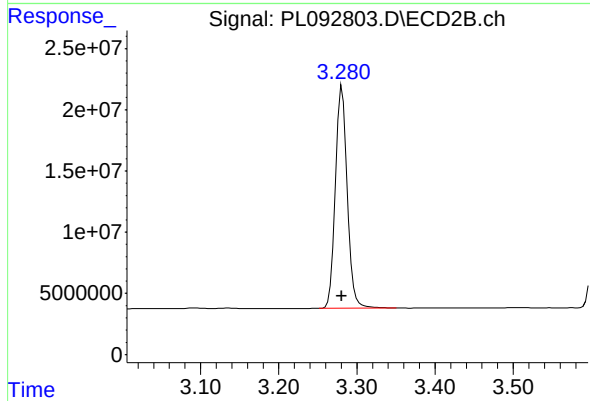
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 45001121
Conc: 16.54 ng/ml



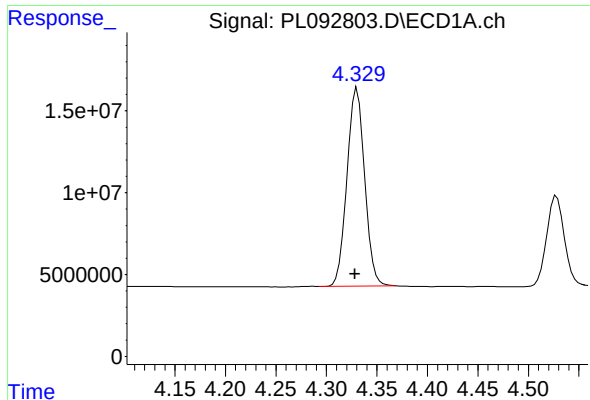
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 155516708
Conc: 45.85 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 190543843
Conc: 47.75 ng/ml



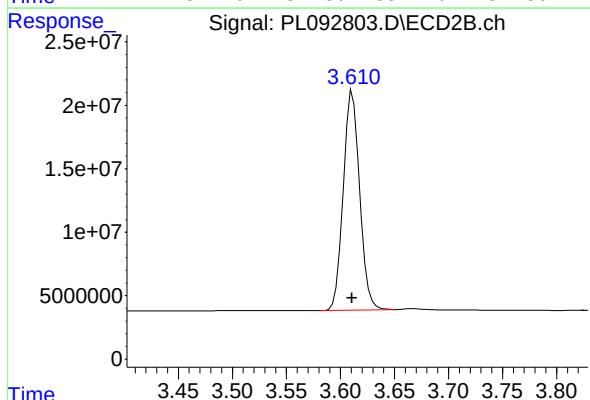
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 147616133
Conc: 45.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

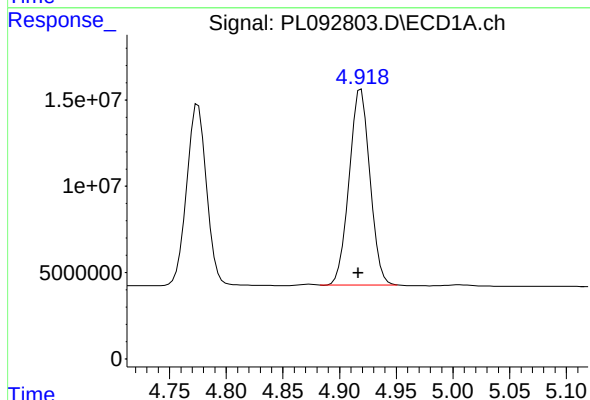
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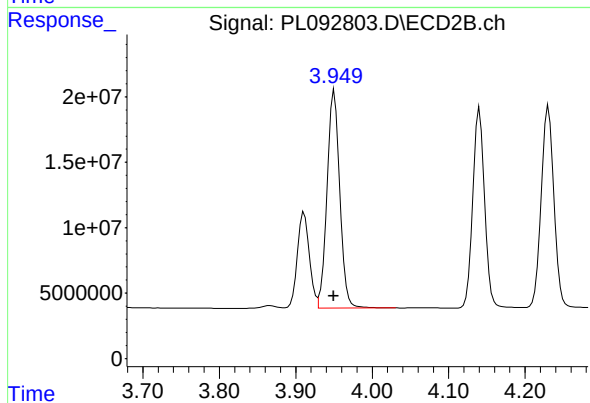
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 182925222
Conc: 47.40 ng/ml



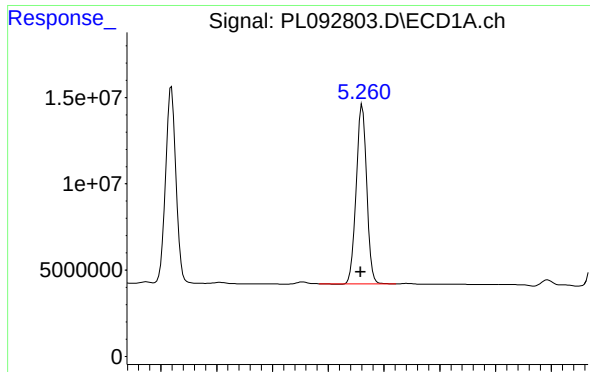
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 144402662
Conc: 48.08 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 191499355
Conc: 50.74 ng/ml



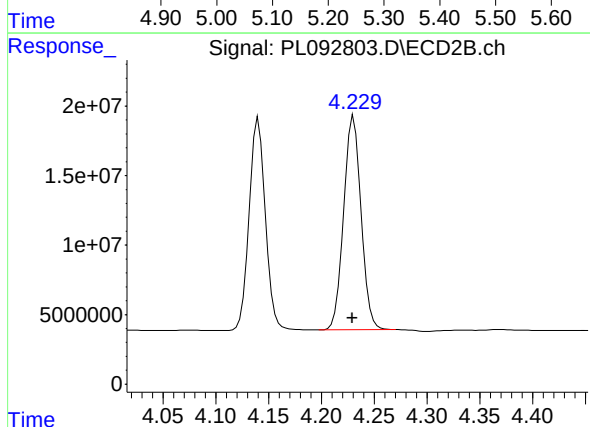
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.003 min
Response: 135754774
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

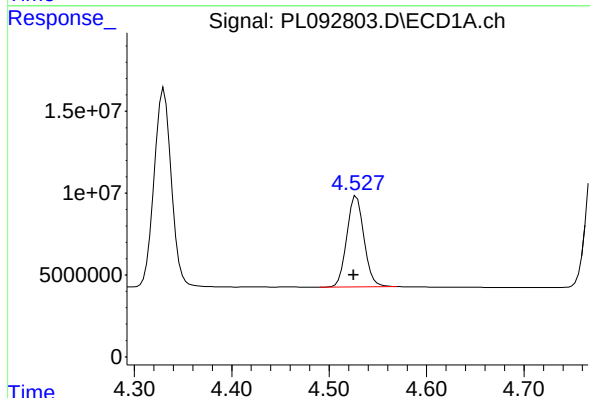
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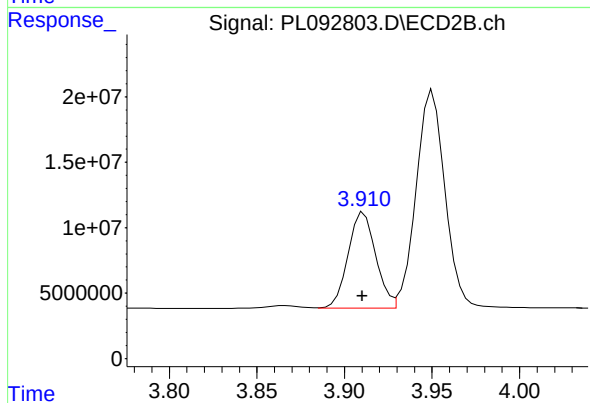
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.001 min
Response: 176433815
Conc: 48.20 ng/ml



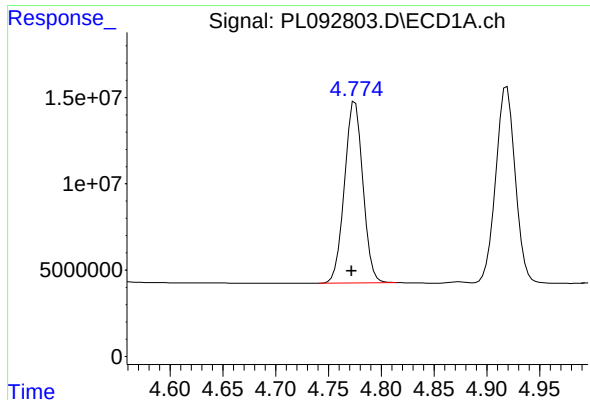
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 67976253
Conc: 47.03 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.001 min
Response: 80671112
Conc: 49.00 ng/ml



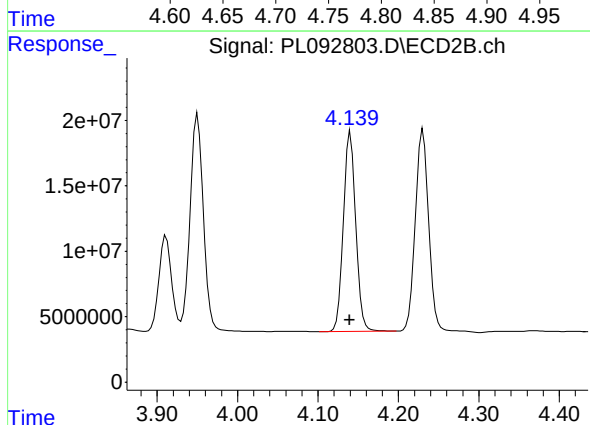
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 127440934
Conc: 40.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

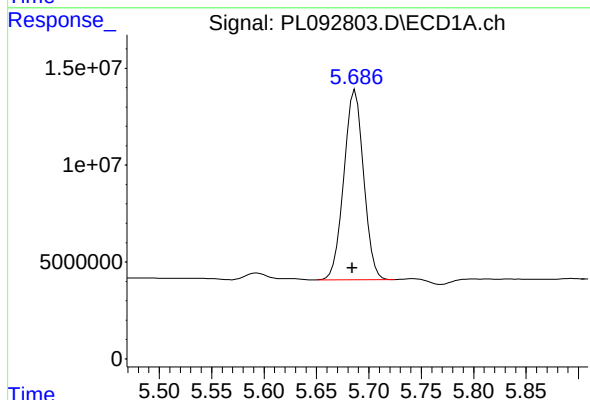
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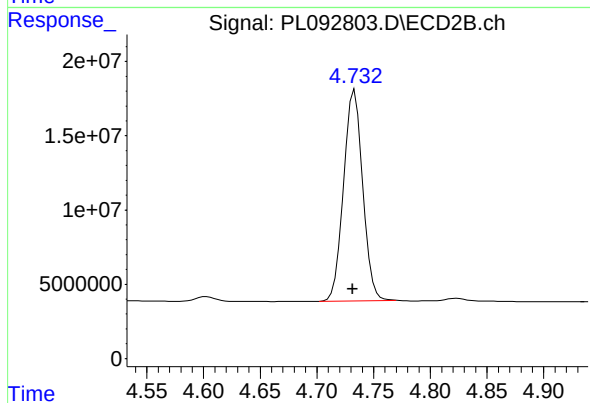
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.001 min
Response: 163248057
Conc: 42.48 ng/ml



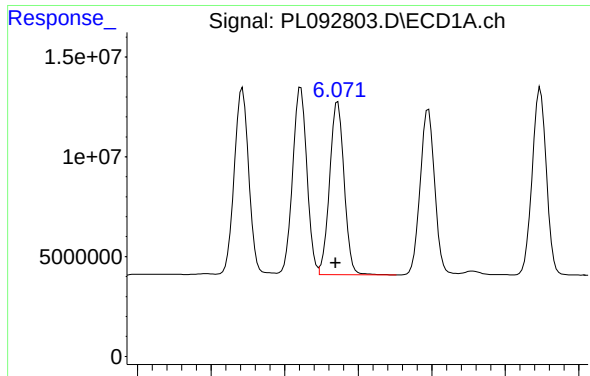
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 129022653
Conc: 46.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 166358711
Conc: 49.79 ng/ml



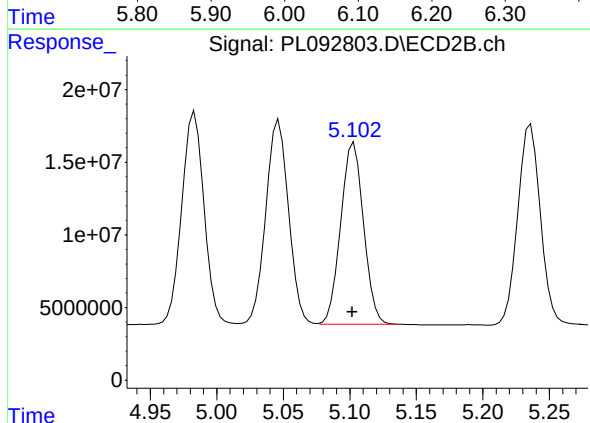
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 118852307
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

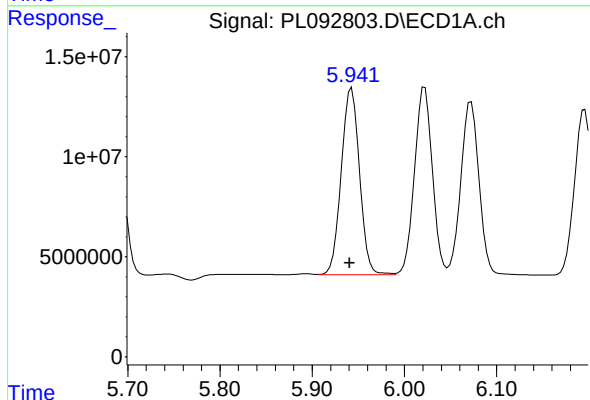
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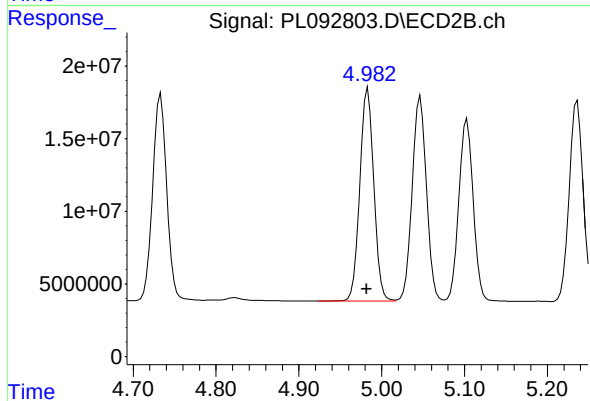
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.001 min
Response: 149318334
Conc: 48.91 ng/ml



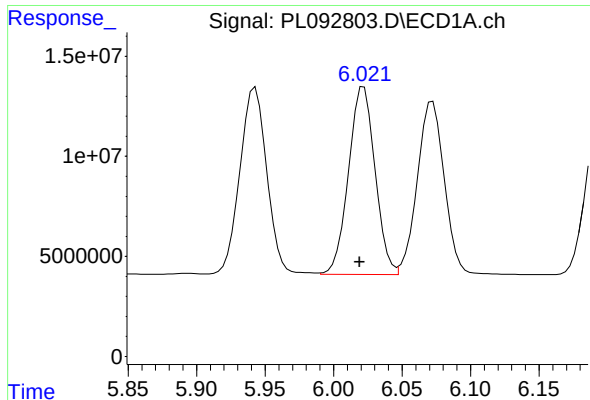
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 128065017
Conc: 48.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.001 min
Response: 171128284
Conc: 50.91 ng/ml



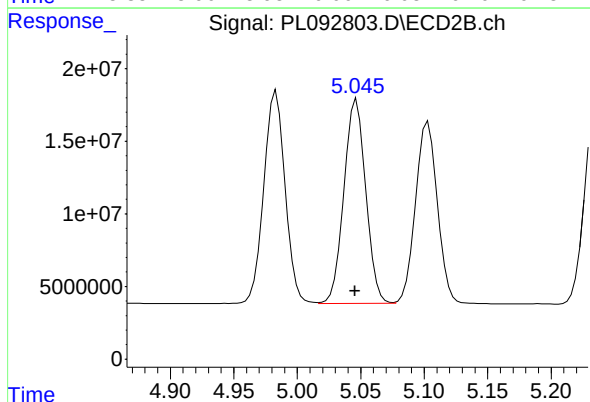
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 126442736
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

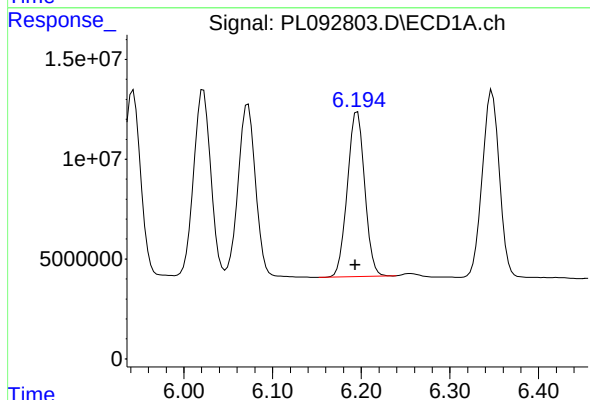
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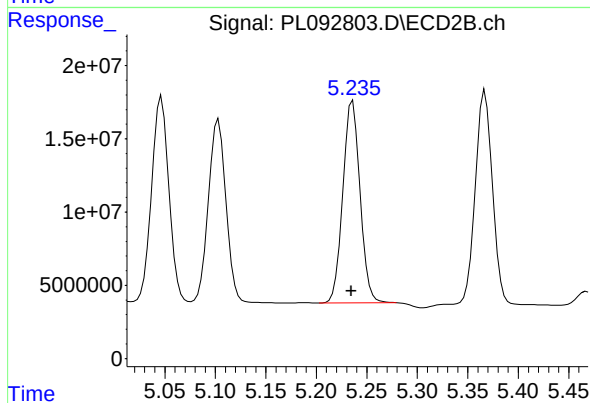
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 167865223
Conc: 50.47 ng/ml



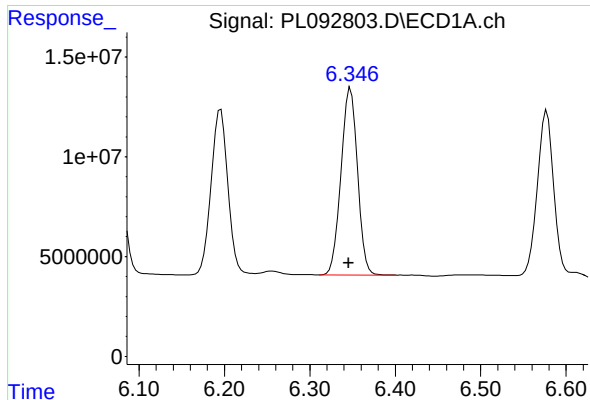
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.002 min
Response: 112025819
Conc: 47.28 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 163930498
Conc: 50.88 ng/ml



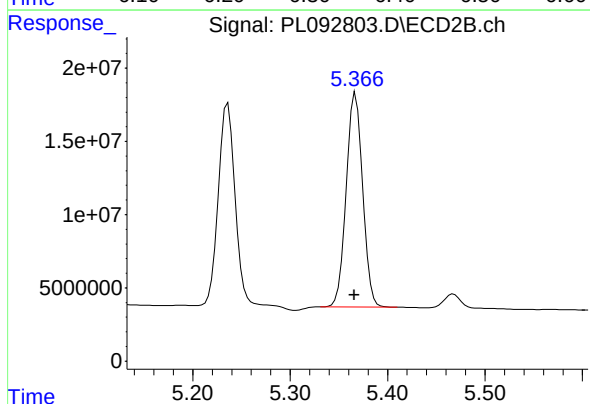
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.002 min
Response: 125344212
Conc: 47.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

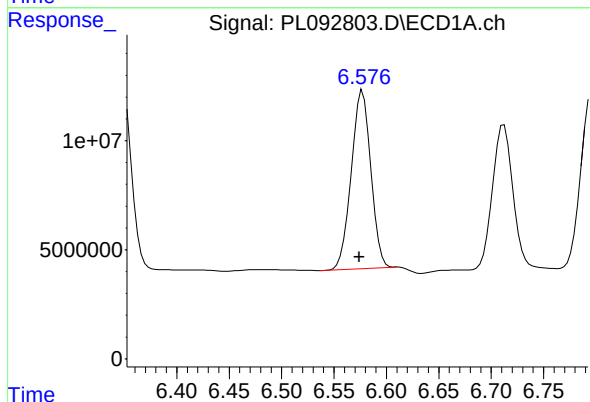
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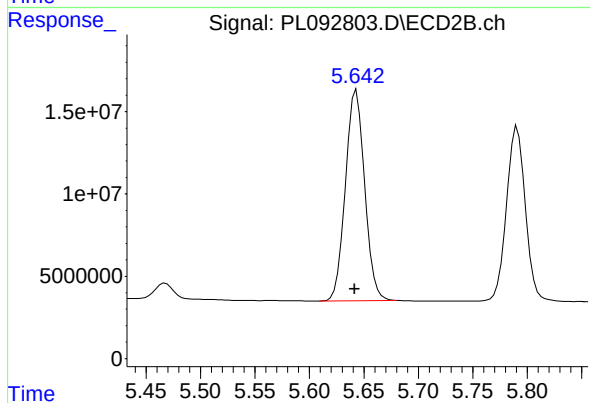
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 170979001
Conc: 51.19 ng/ml



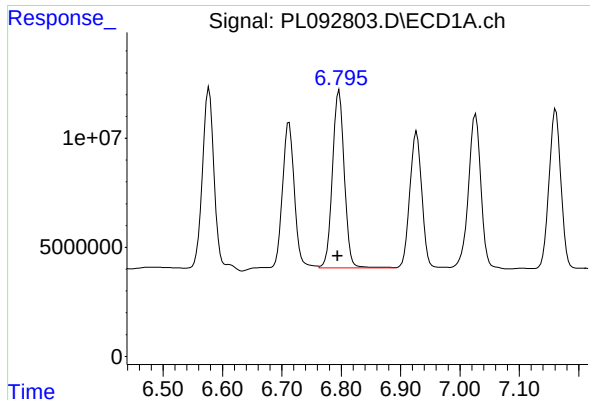
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 106568710
Conc: 46.81 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 156877066
Conc: 54.23 ng/ml



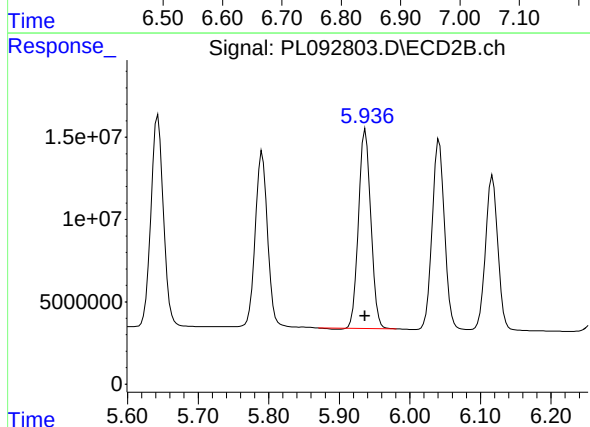
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.002 min
Response: 112640268
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

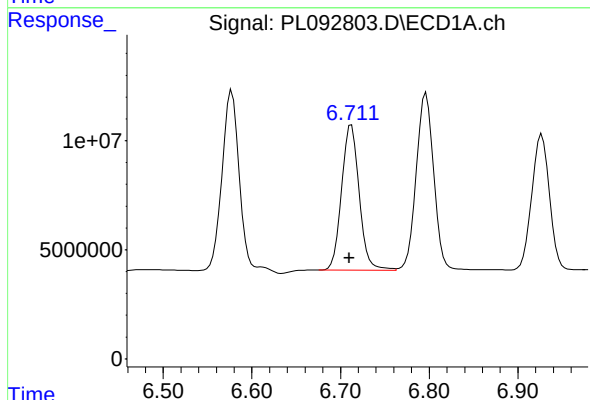
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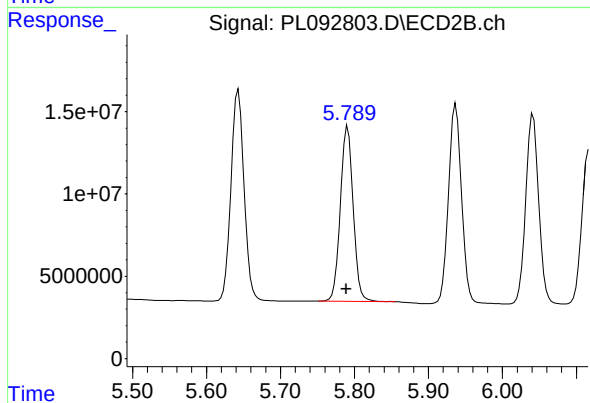
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 146584197
Conc: 51.74 ng/ml



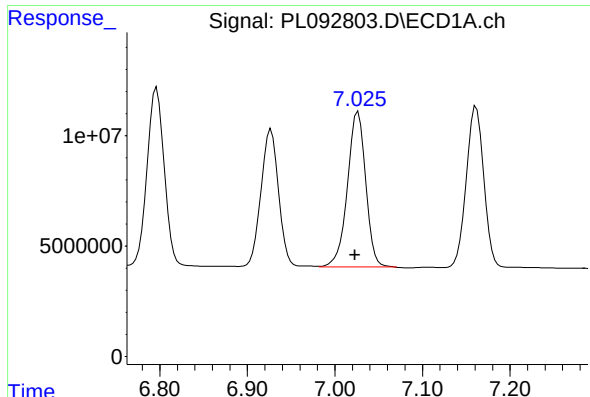
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 92048214
Conc: 47.95 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 127852602
Conc: 51.35 ng/ml



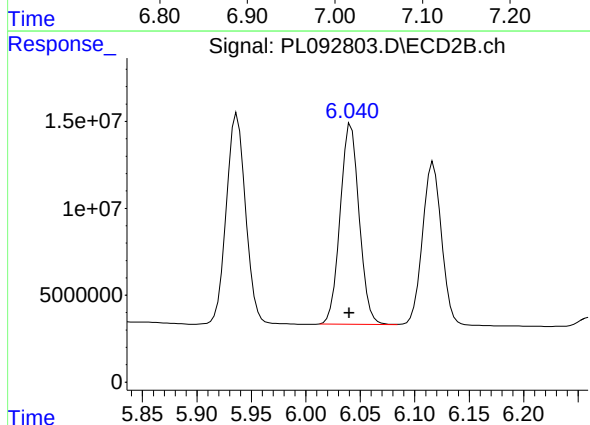
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 102116122
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

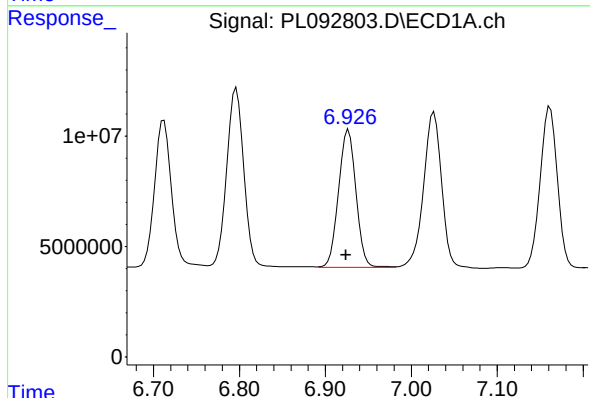
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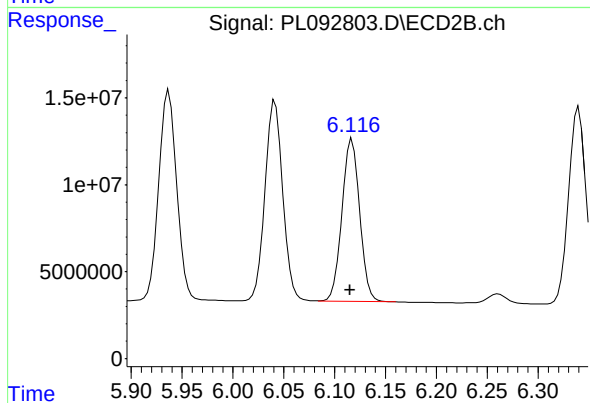
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 139919978
Conc: 52.16 ng/ml



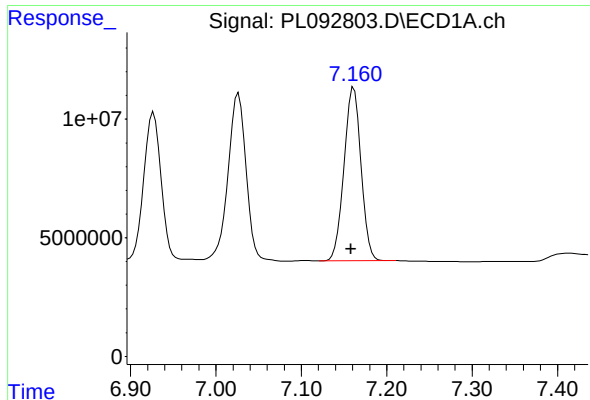
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 87666446
Conc: 46.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 113387370
Conc: 49.14 ng/ml



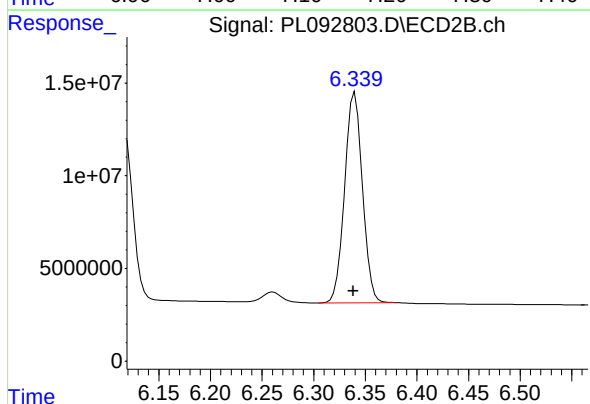
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 101204002
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

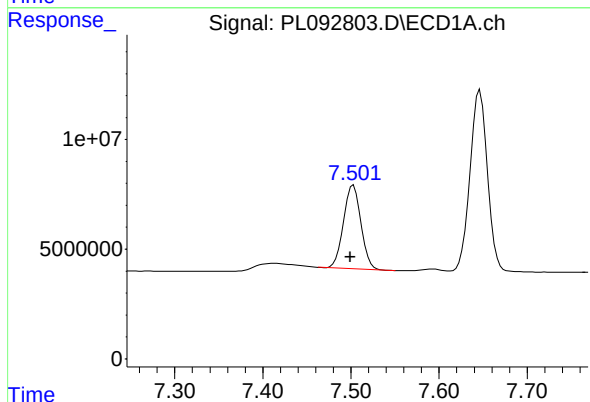
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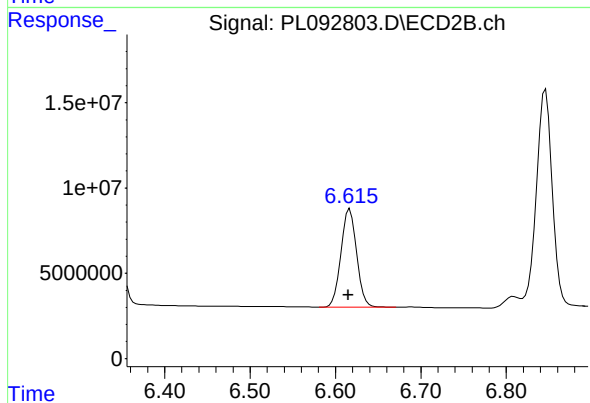
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 136248606
Conc: 50.52 ng/ml



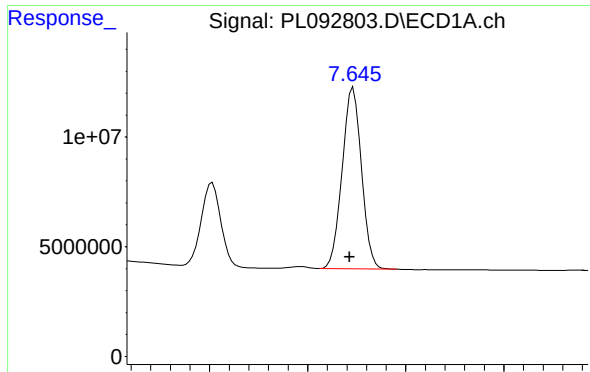
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 52048743
Conc: 45.66 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 73039027
Conc: 51.15 ng/ml



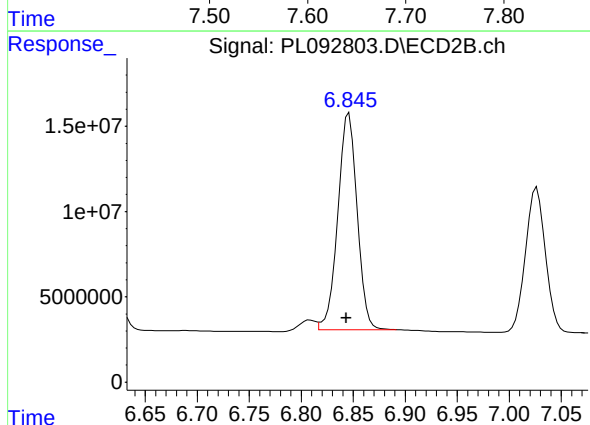
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 113179202
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

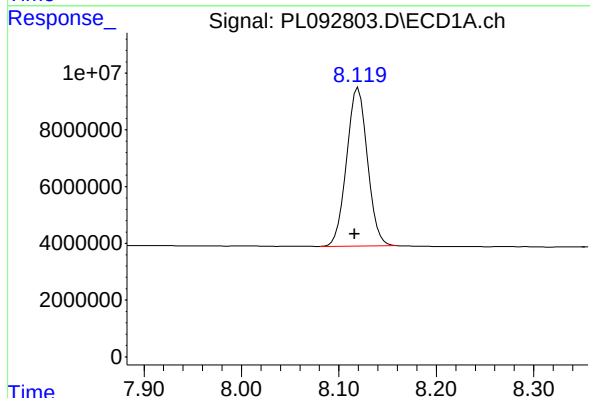
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Reviewed By :Abdul Mirza 11/04/2024
Supervised By :Ankita Jodhani 11/04/2024



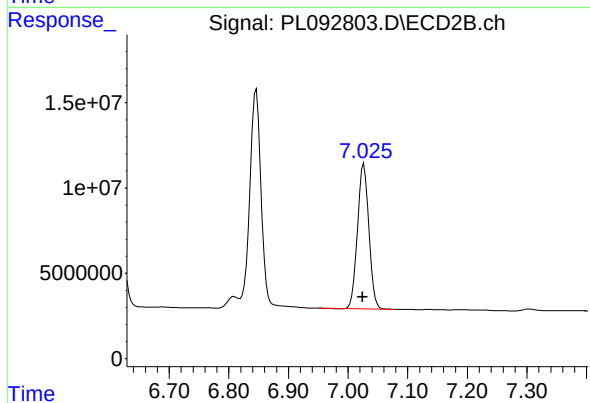
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.001 min
Response: 163969270
Conc: 53.43 ng/ml m



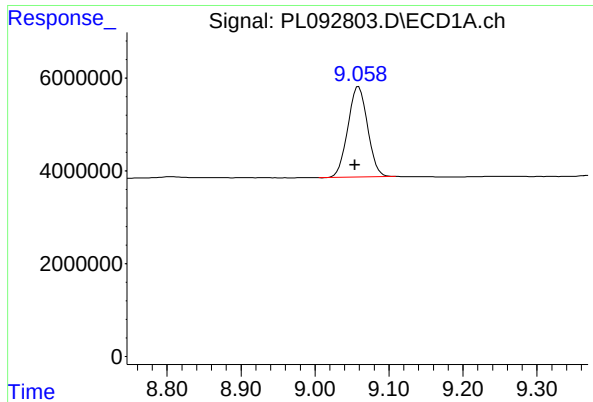
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 82881306
Conc: 41.82 ng/ml



#22 Mirex

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 112829571
Conc: 43.24 ng/ml



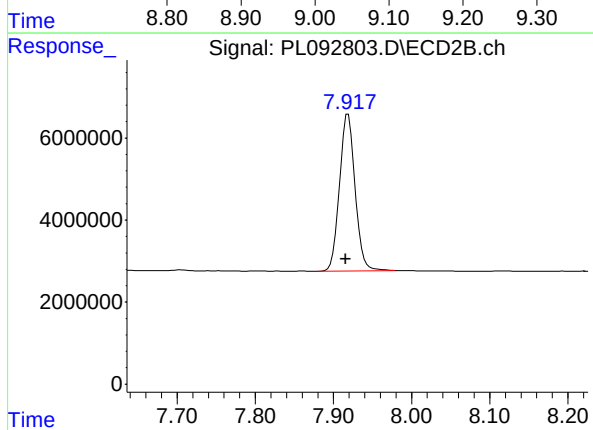
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 36208345
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164579BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2024
Supervised By :Ankita Jodhani 11/04/2024



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.003 min
Response: 53204644
Conc: 19.49 ng/ml