

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
 Data File : PL092227.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2024 18:16
 Operator : AR\AJ
 Sample : P4258-04MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Chamberlain AveMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:55:57 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...	3.543	2.781	37296942	42178362	16.765	16.817
28) SA Decachlor...	9.058	7.920	22828853	33564975	13.935	13.416
Target Compounds						
2) A alpha-BHC	3.999	3.284	139.5E6	175.9E6	45.047	48.273
3) MA gamma-BHC...	4.329	3.614	179.2E6	161.0E6	57.829m	45.588
4) MA Heptachlor	4.920	3.954	124.2E6	166.3E6	44.920	48.181
5) MB Aldrin	5.261	4.233	115.2E6	153.2E6	41.492	45.059
6) B beta-BHC	4.528	3.914	61143247	74243413	46.098	49.394
7) B delta-BHC	4.775	4.143	103.0E6	122.6E6	35.694	35.314
8) B Heptachlo...	5.688	4.736	112.5E6	147.9E6	44.220	48.923
9) A Endosulfan I	6.073	5.106	103.4E6	135.8E6	44.676	49.466
10) B gamma-Chl...	5.943	4.986	112.6E6	149.2E6	45.554	49.592
11) B alpha-Chl...	6.022	5.049	110.5E6	146.9E6	44.847	49.057
12) B 4,4'-DDE	6.195	5.239	97397541	138.1E6	44.999	49.703
13) MA Dieldrin	6.348	5.370	109.2E6	144.9E6	44.760	49.409
14) MA Endrin	6.576	5.646	89310569	124.9E6	43.340m	47.645
15) B Endosulfa...	6.797	5.940	97080135	124.8E6	44.133	49.854
16) A 4,4'-DDD	6.713	5.793	82957712	111.6E6	46.198	52.234
17) MA 4,4'-DDT	7.027	6.044	82861878	106.8E6	45.004	46.154
18) B Endrin al...	6.927	6.119	76064149	96051873	43.646	47.068
19) B Endosulfa...	7.161	6.342	85850069	113.2E6	43.309	46.923
20) A Methoxychlor	7.502	6.619	43988409	57460689	44.808	45.956
21) B Endrin ke...	7.646	6.847	102.6E6	138.5E6	46.695	50.004
22) Mirex	8.120	7.028	74188401	104.1E6	41.193	42.801

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092227.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 18:16
Operator : AR\AJ
Sample : P4258-04MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

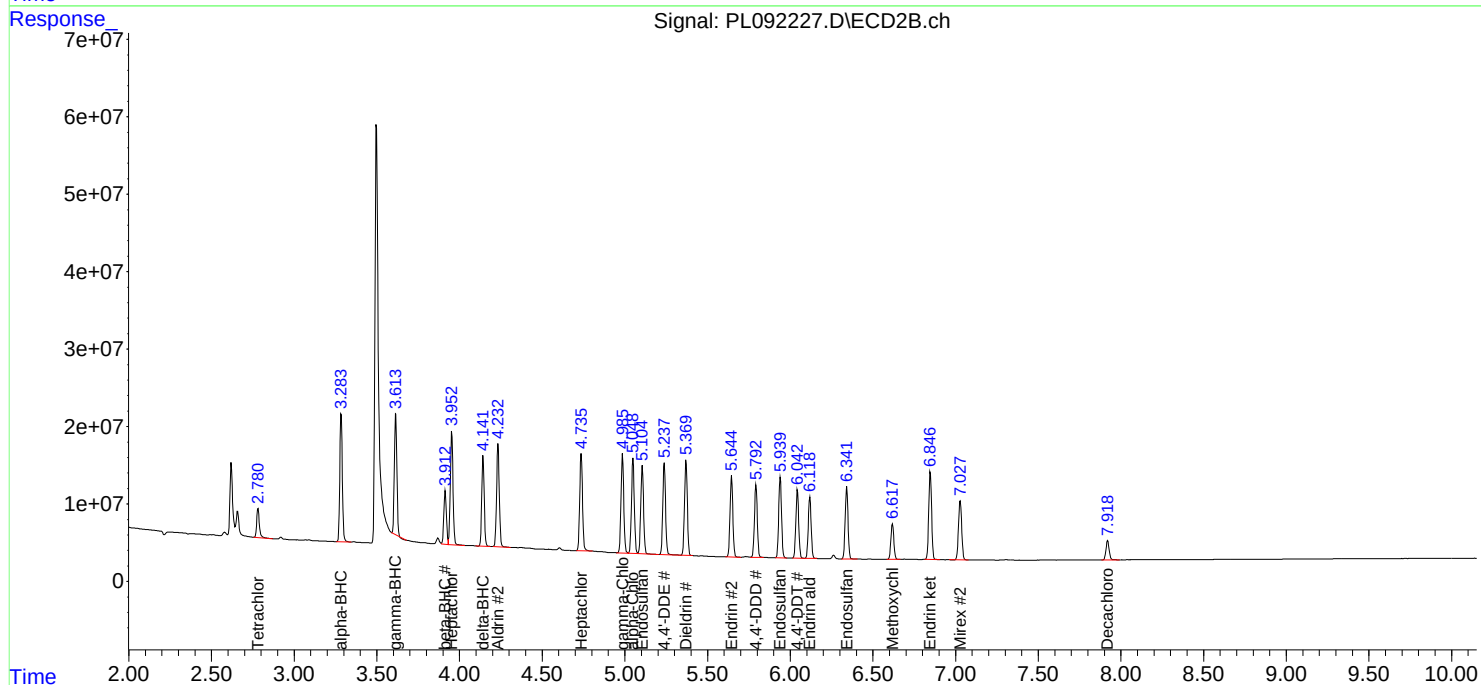
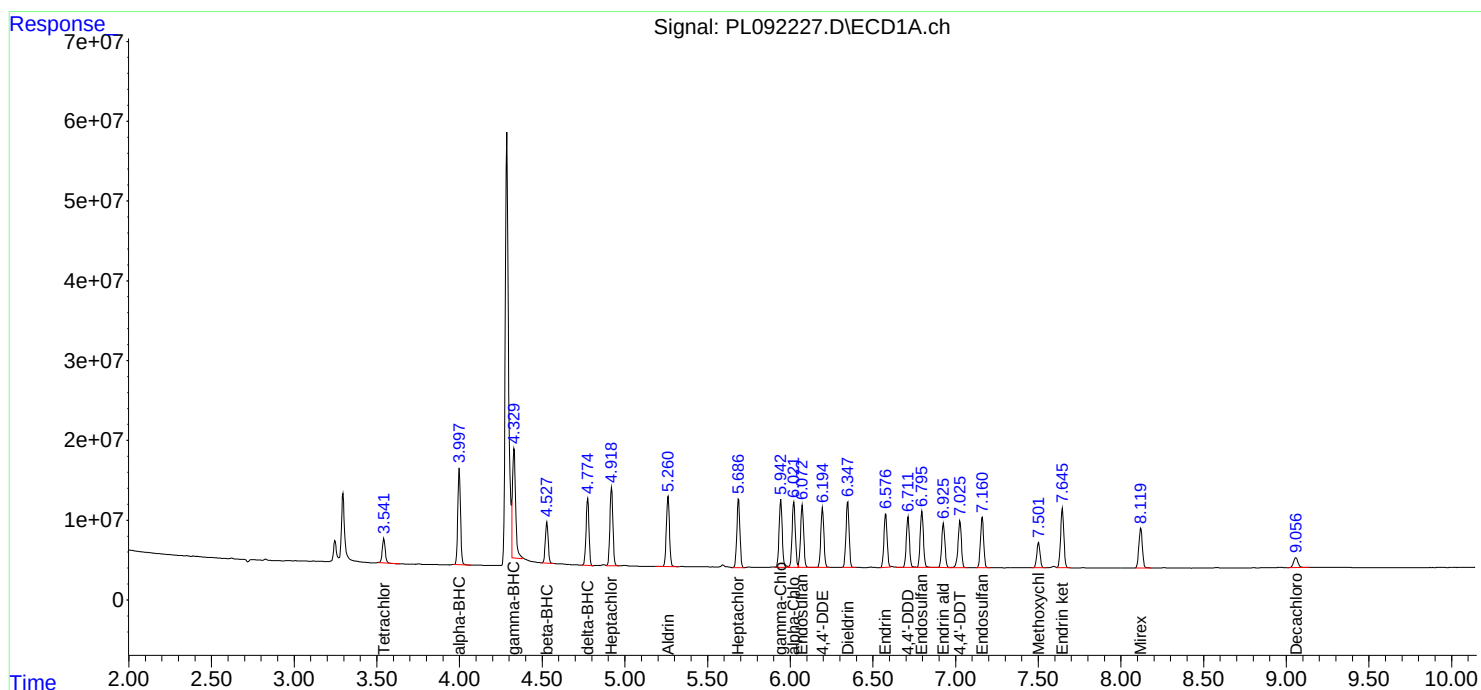
Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

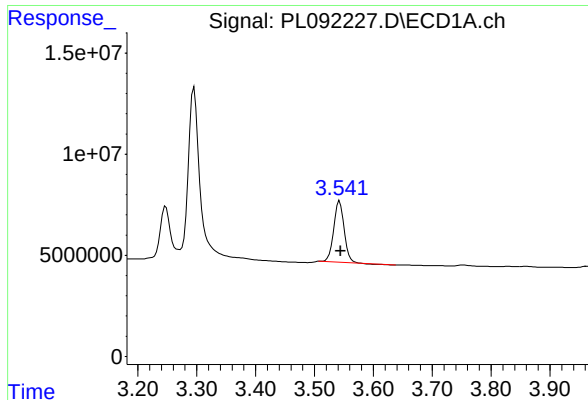
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:55:57 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 37296942
Conc: 16.77 ng/ml

Instrument :

ECD_L

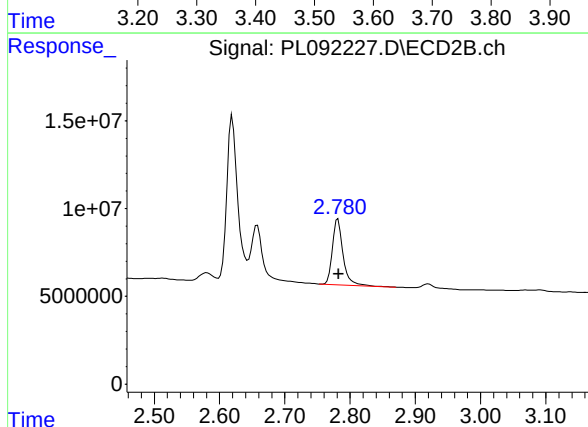
ClientSampleId :

Chamberlain AveMSD

Manual Integrations

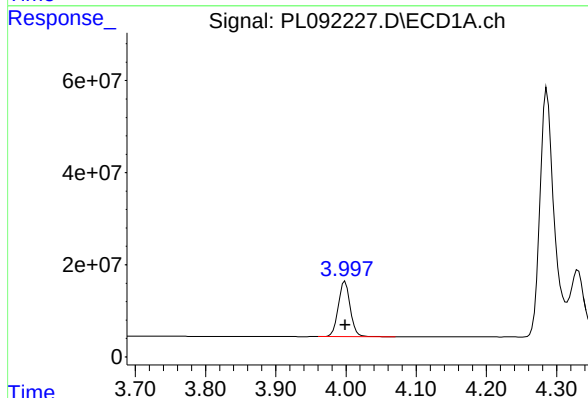
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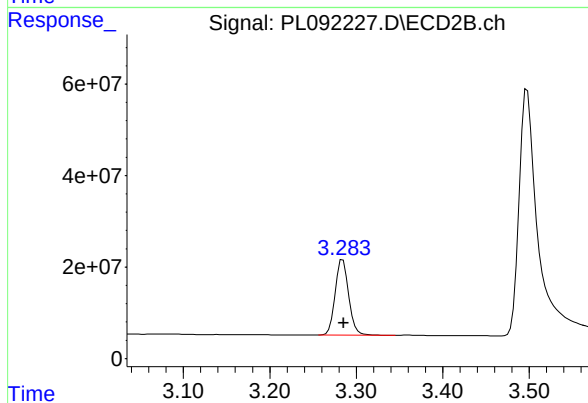
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 42178362
Conc: 16.82 ng/ml



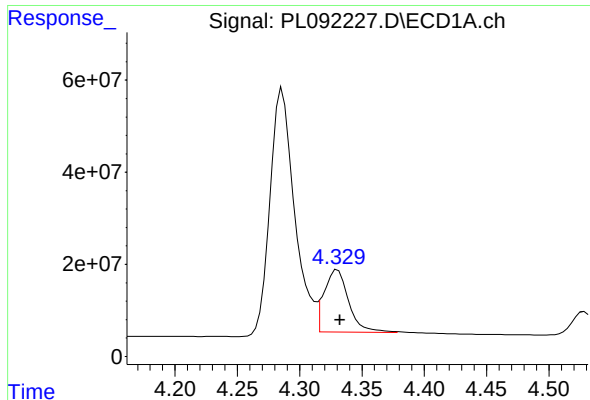
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 139488034
Conc: 45.05 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 175874685
Conc: 48.27 ng/ml



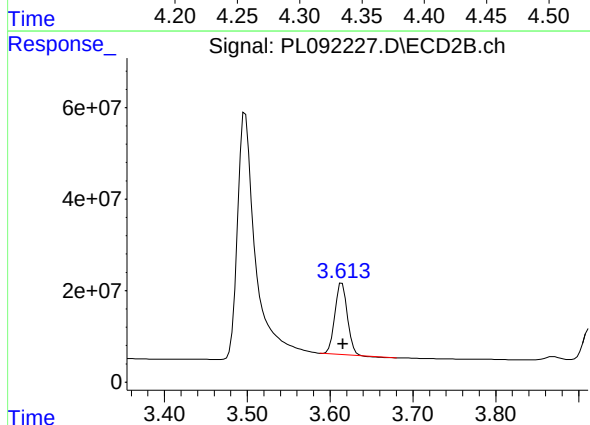
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 179201386
Conc: 57.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

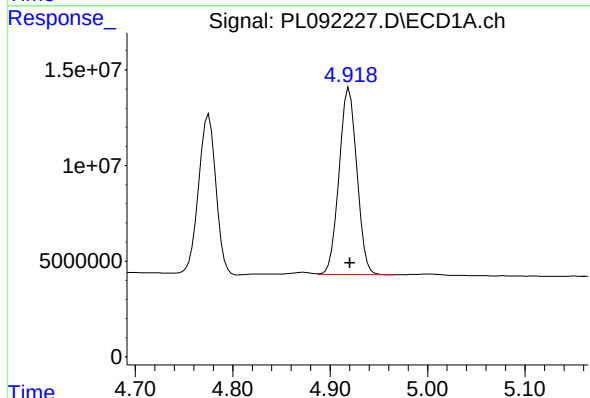
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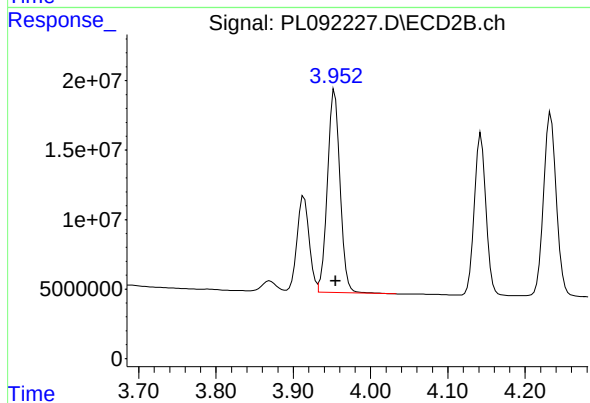
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.001 min
Response: 160968935
Conc: 45.59 ng/ml



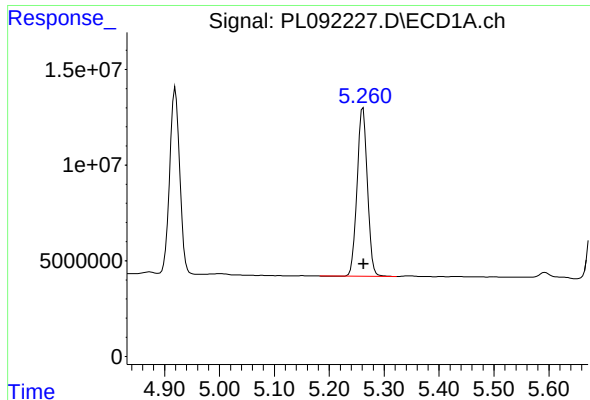
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 124225511
Conc: 44.92 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.002 min
Response: 166254597
Conc: 48.18 ng/ml



#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.001 min
Response: 115246886
Conc: 41.49 ng/ml

Instrument :

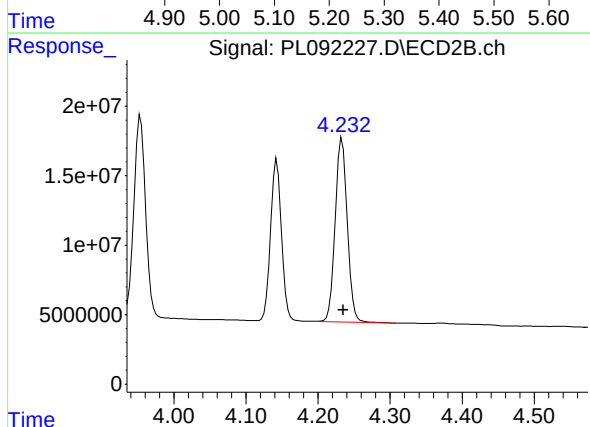
ECD_L

ClientSampleId :

Chamberlain AveMSD

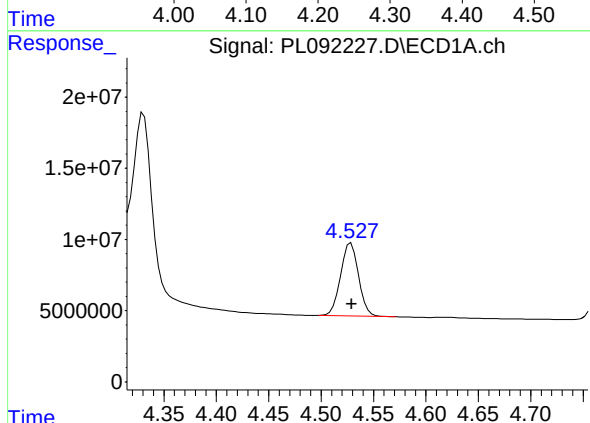
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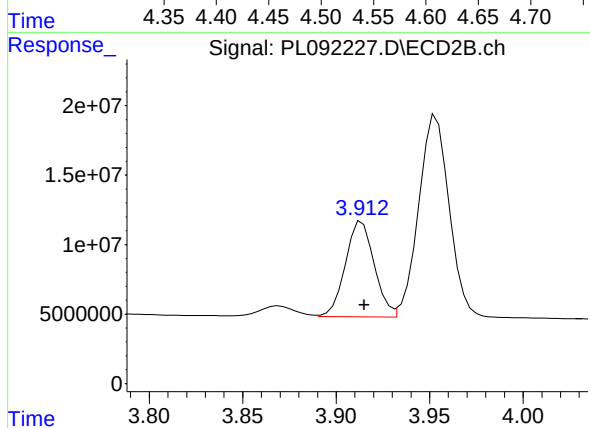
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 153249520
Conc: 45.06 ng/ml



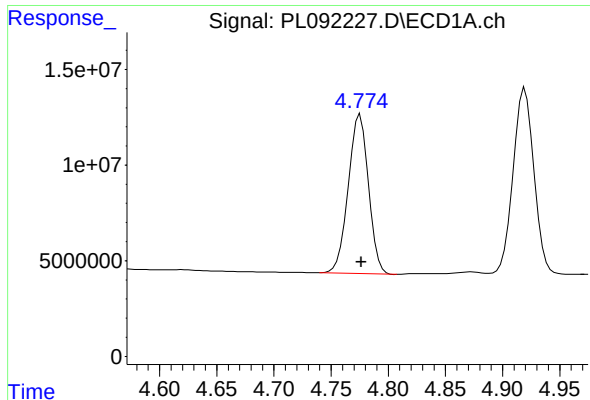
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 61143247
Conc: 46.10 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 74243413
Conc: 49.39 ng/ml



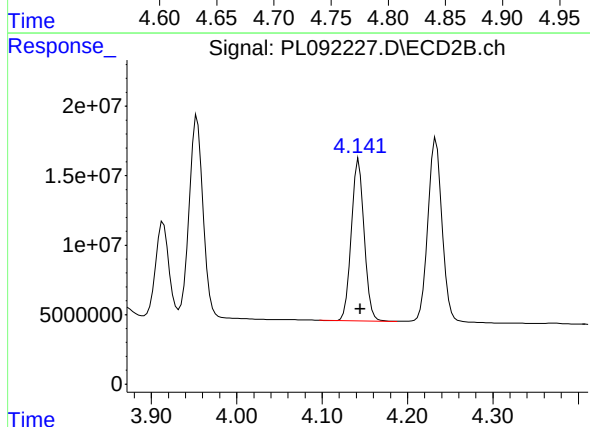
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 102950126
Conc: 35.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

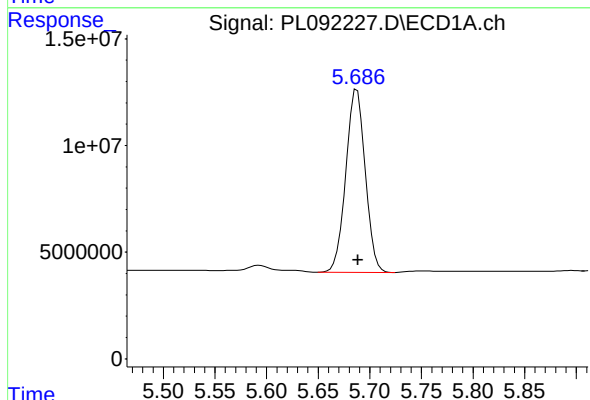
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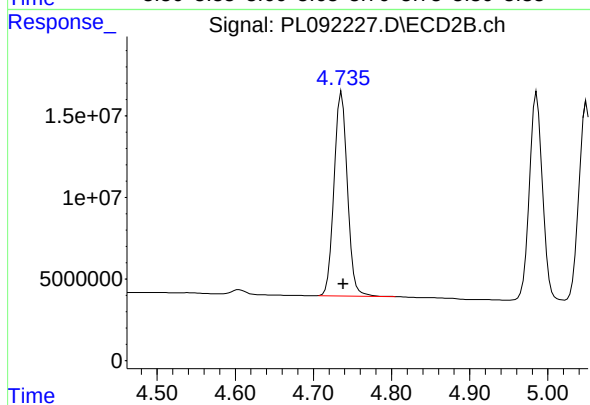
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 122598499
Conc: 35.31 ng/ml



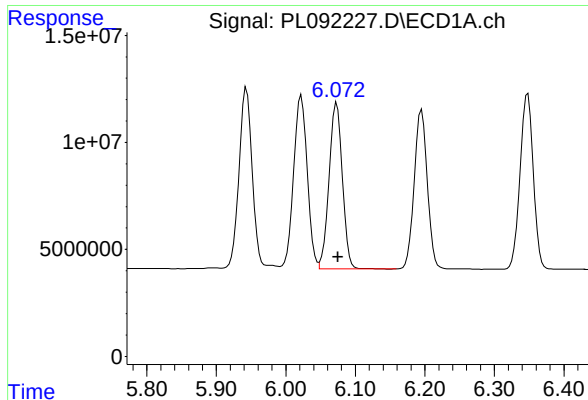
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 112538625
Conc: 44.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 147889941
Conc: 48.92 ng/ml



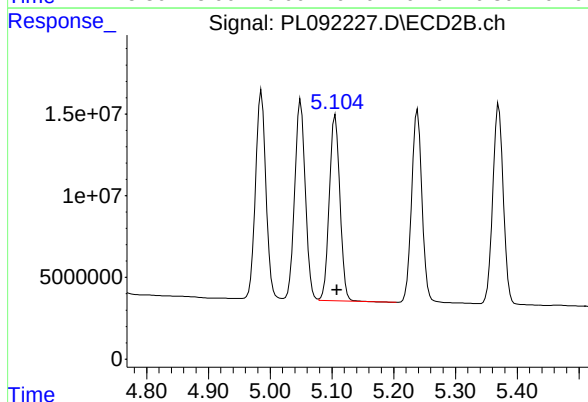
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 103353491
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

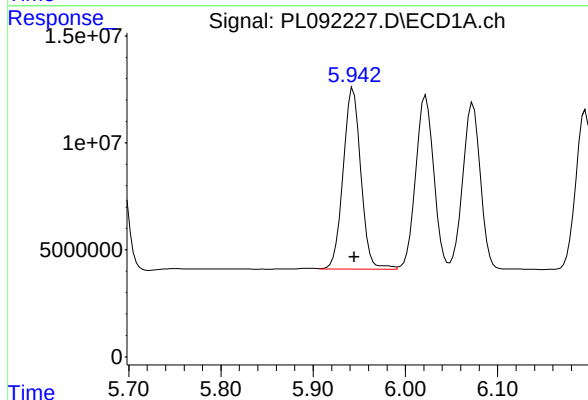
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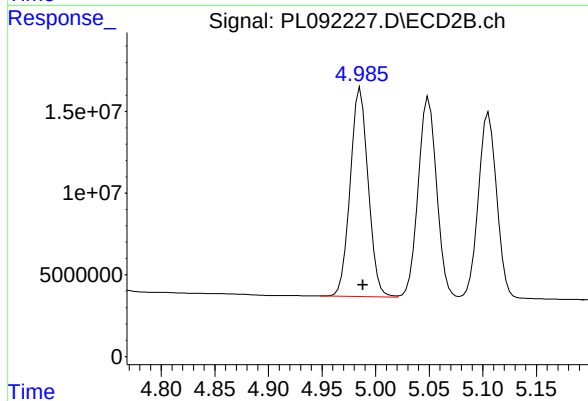
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 135767401
Conc: 49.47 ng/ml



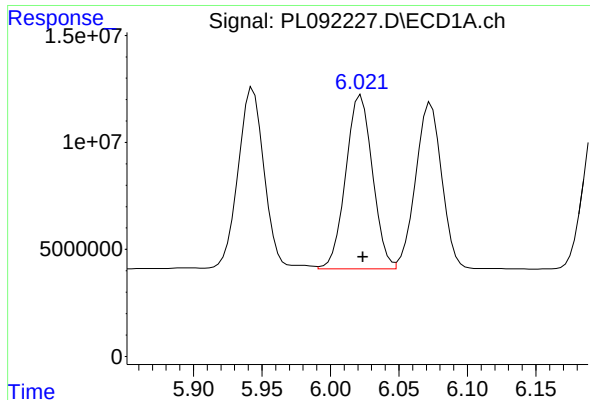
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 112572730
Conc: 45.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 149201696
Conc: 49.59 ng/ml



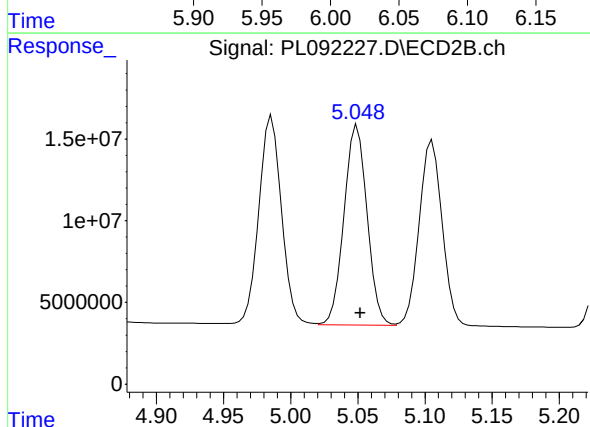
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 110473842
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

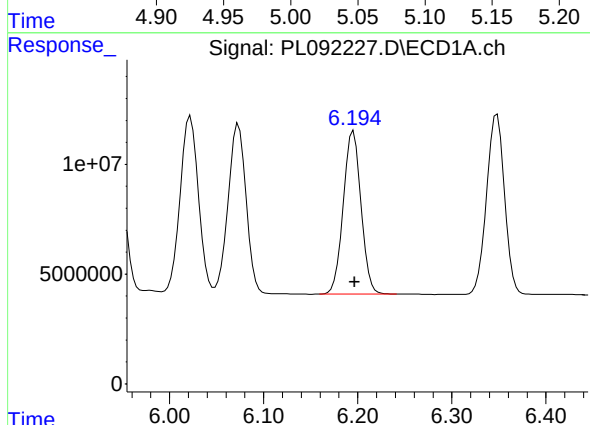
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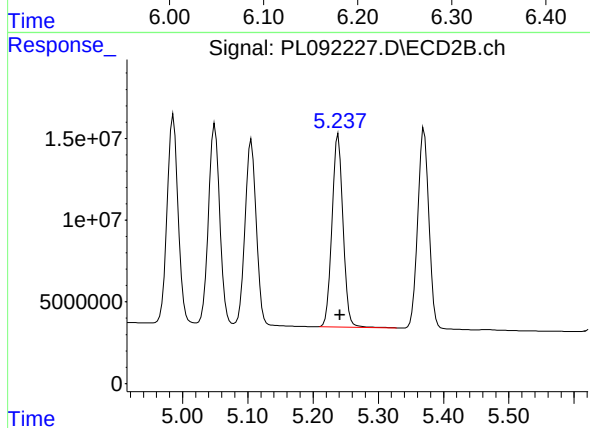
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 146853170
Conc: 49.06 ng/ml



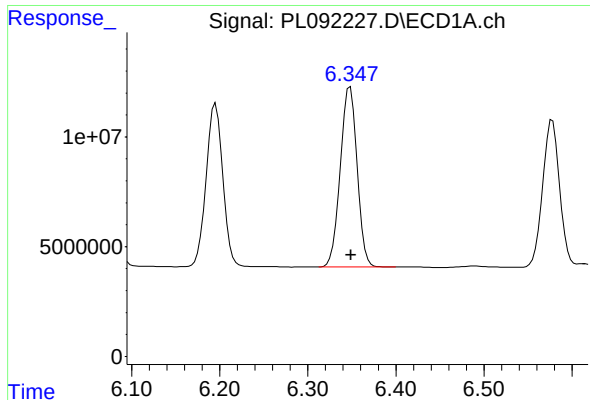
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 97397541
Conc: 45.00 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 138115587
Conc: 49.70 ng/ml



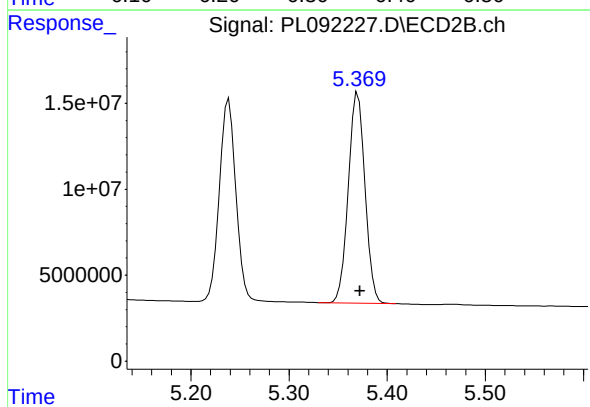
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 109162946
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

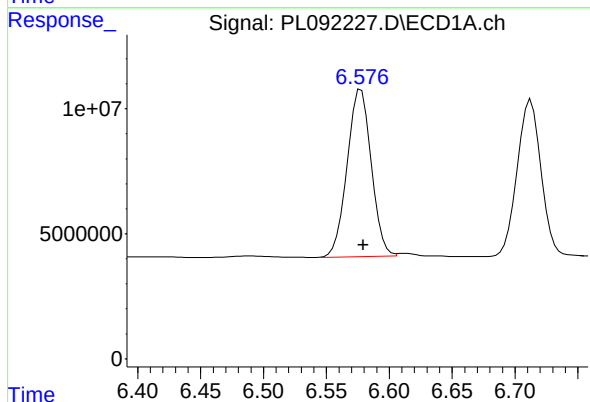
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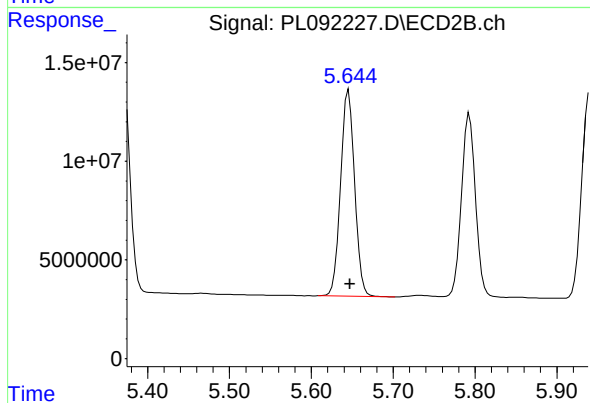
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 144858527
Conc: 49.41 ng/ml



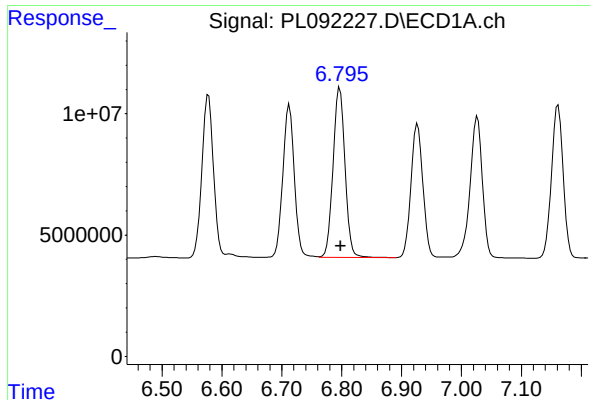
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 89310569
Conc: 43.34 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 124933391
Conc: 47.64 ng/ml



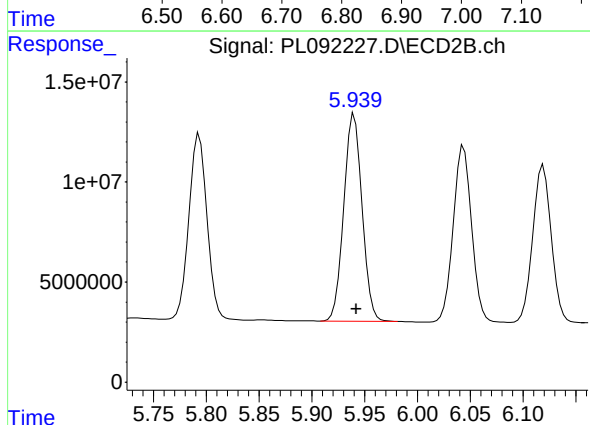
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 97080135
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

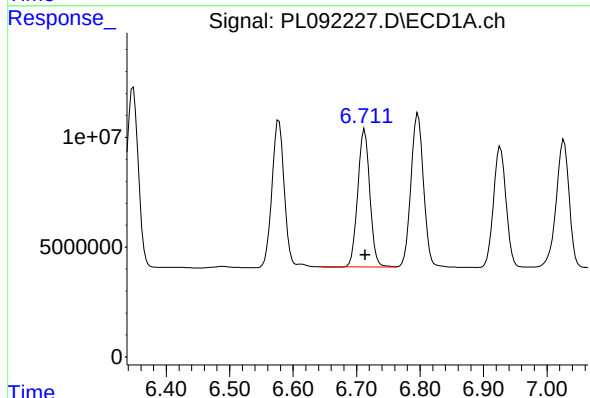
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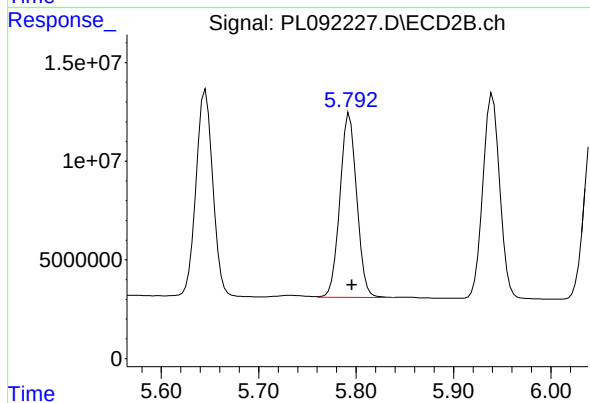
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 124755614
Conc: 49.85 ng/ml



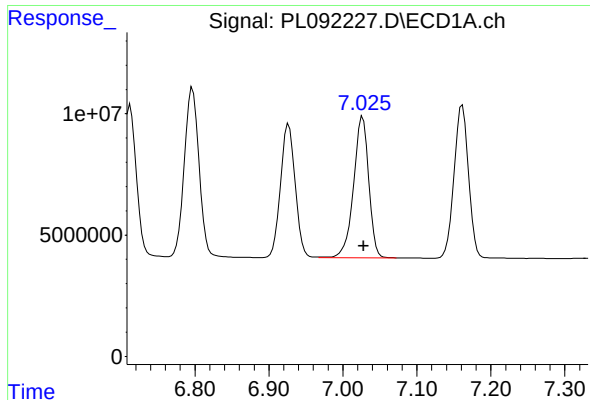
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 82957712
Conc: 46.20 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 111582436
Conc: 52.23 ng/ml



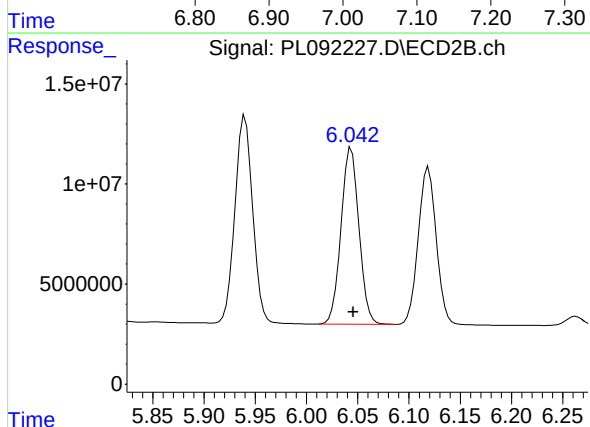
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 82861878
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

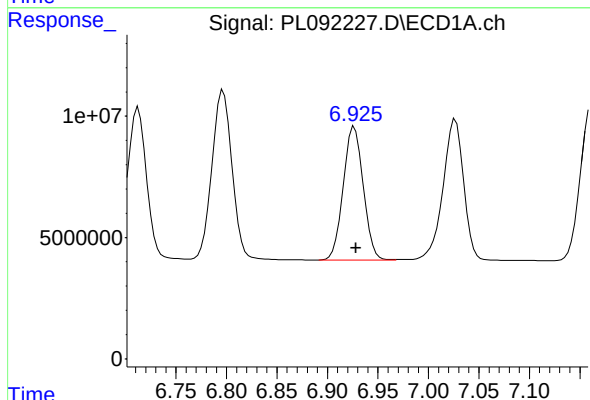
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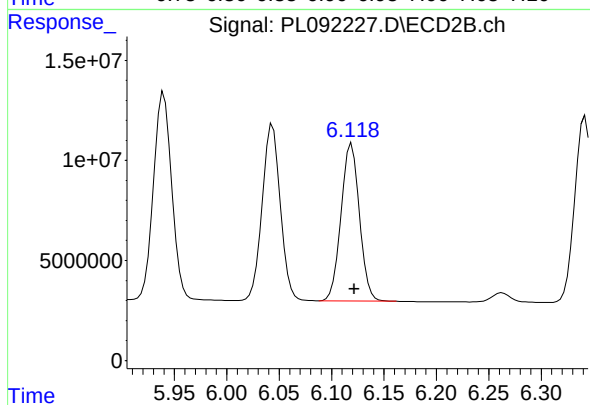
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 106762418
Conc: 46.15 ng/ml



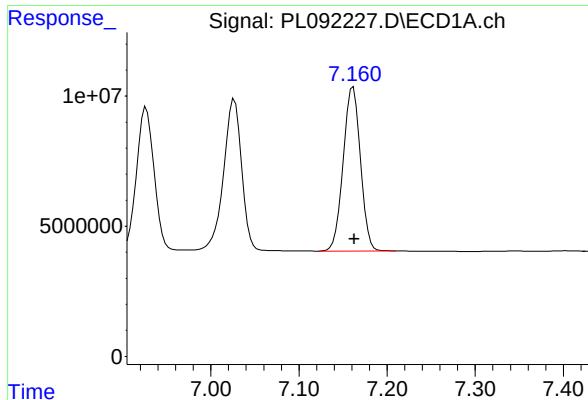
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 76064149
Conc: 43.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 96051873
Conc: 47.07 ng/ml



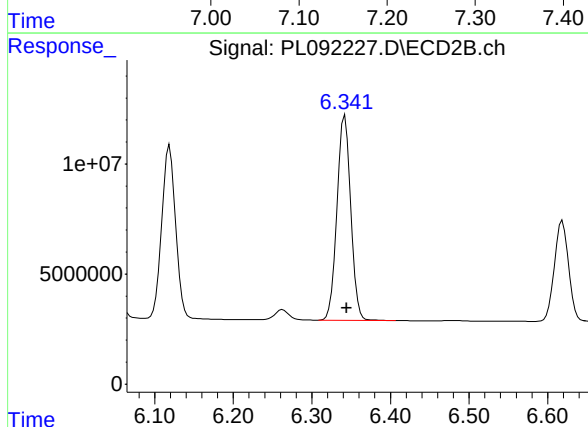
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 85850069
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

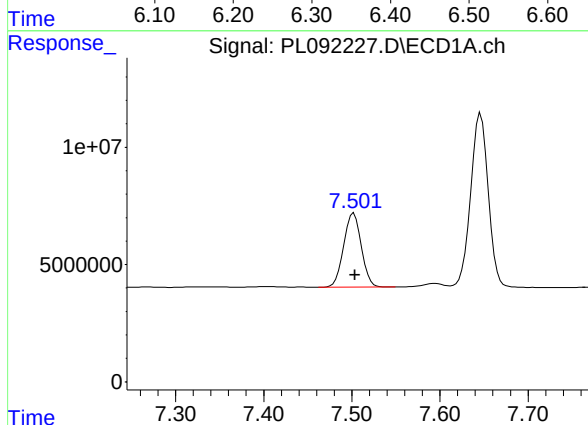
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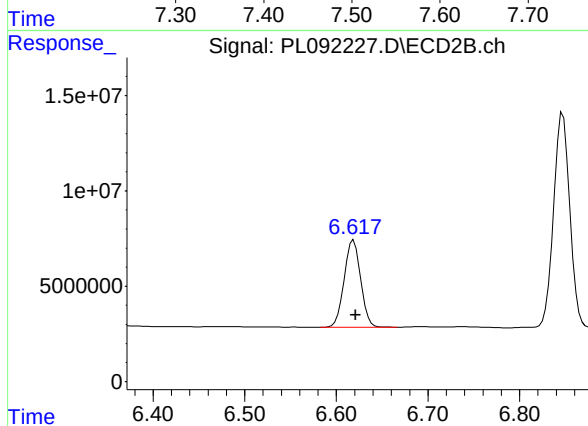
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 113202299
Conc: 46.92 ng/ml



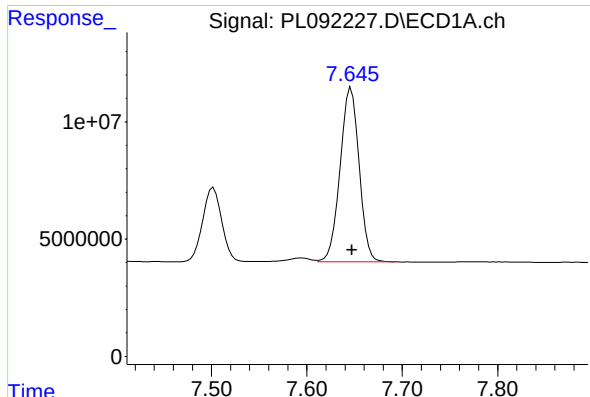
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 43988409
Conc: 44.81 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 57460689
Conc: 45.96 ng/ml



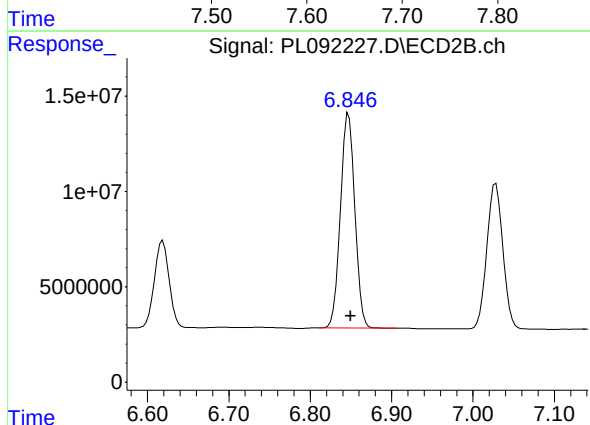
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 102615308
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

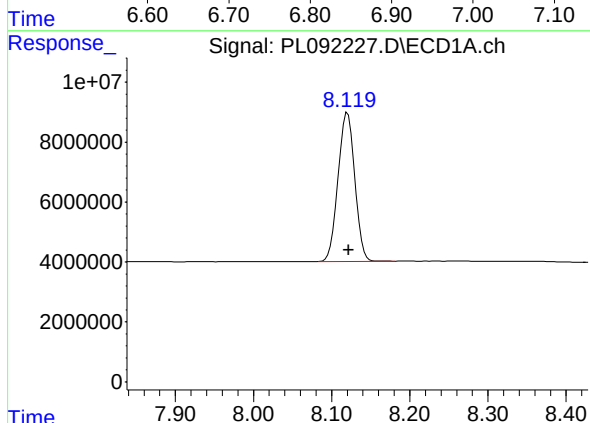
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APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



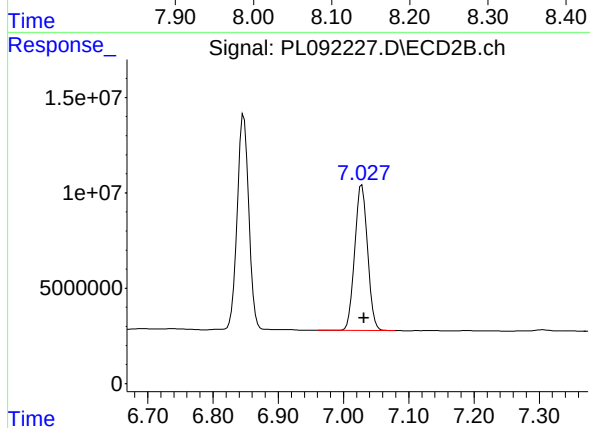
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 138457239
Conc: 50.00 ng/ml



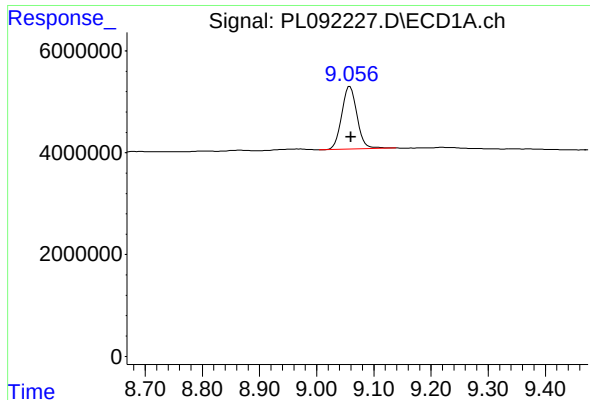
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.000 min
Response: 74188401
Conc: 41.19 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 104120616
Conc: 42.80 ng/ml



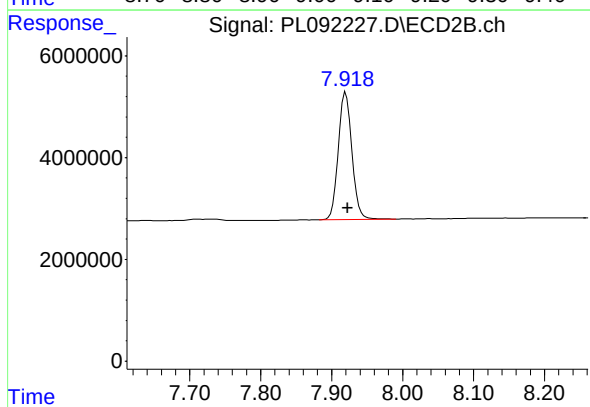
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 22828853
Conc: 13.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
Chamberlain AveMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 33564975
Conc: 13.42 ng/ml