

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 13:37
 Operator : AR\AJ
 Sample : PB164067BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164067BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 02:32:24 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...	3.540	2.778	45975229	49932667	20.666	19.909
28) SA Decachlor...	9.060	7.920	36058096	53289886	22.010	21.299
Target Compounds						
2) A alpha-BHC	3.996	3.281	150.4E6	183.2E6	48.566	50.294
3) MA gamma-BHC...	4.329	3.611	143.2E6	171.8E6	46.224	48.654
4) MA Heptachlor	4.918	3.950	135.6E6	172.8E6	49.019	50.079
5) MB Aldrin	5.260	4.230	129.6E6	165.6E6	46.669	48.698
6) B beta-BHC	4.527	3.910	64993496	75607992	49.001	50.301
7) B delta-BHC	4.774	4.140	137.5E6	170.6E6	47.668	49.133
8) B Heptachlo...	5.687	4.733	122.5E6	157.3E6	48.121	52.044
9) A Endosulfan I	6.073	5.103	111.6E6	142.0E6	48.232	51.752
10) B gamma-Chl...	5.944	4.983	121.0E6	157.3E6	48.970	52.287
11) B alpha-Chl...	6.023	5.047	121.6E6	154.4E6	49.345	51.568
12) B 4,4'-DDE	6.196	5.236	107.1E6	146.8E6	49.463	52.822
13) MA Dieldrin	6.348	5.368	117.7E6	152.0E6	48.244	51.859
14) MA Endrin	6.577	5.644	95565947	128.3E6	46.376m	48.920
15) B Endosulfa...	6.798	5.939	103.9E6	131.2E6	47.242	52.423
16) A 4,4'-DDD	6.712	5.791	93139348	121.1E6	51.867m	56.689
17) MA 4,4'-DDT	7.027	6.042	89654772	112.3E6	48.694	48.553
18) B Endrin al...	6.928	6.118	82591688	101.4E6	47.391	49.694
19) B Endosulfa...	7.162	6.341	96778659	124.1E6	48.822	51.431
20) A Methoxychlor	7.504	6.618	48010573	59992884	48.905	47.981
21) B Endrin ke...	7.648	6.847	109.5E6	145.0E6	49.817	52.354
22) Mirex	8.121	7.028	84428426	116.8E6	46.879	48.005

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 13:37
Operator : AR\AJ
Sample : PB164067BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164067BS

Manual Integrations

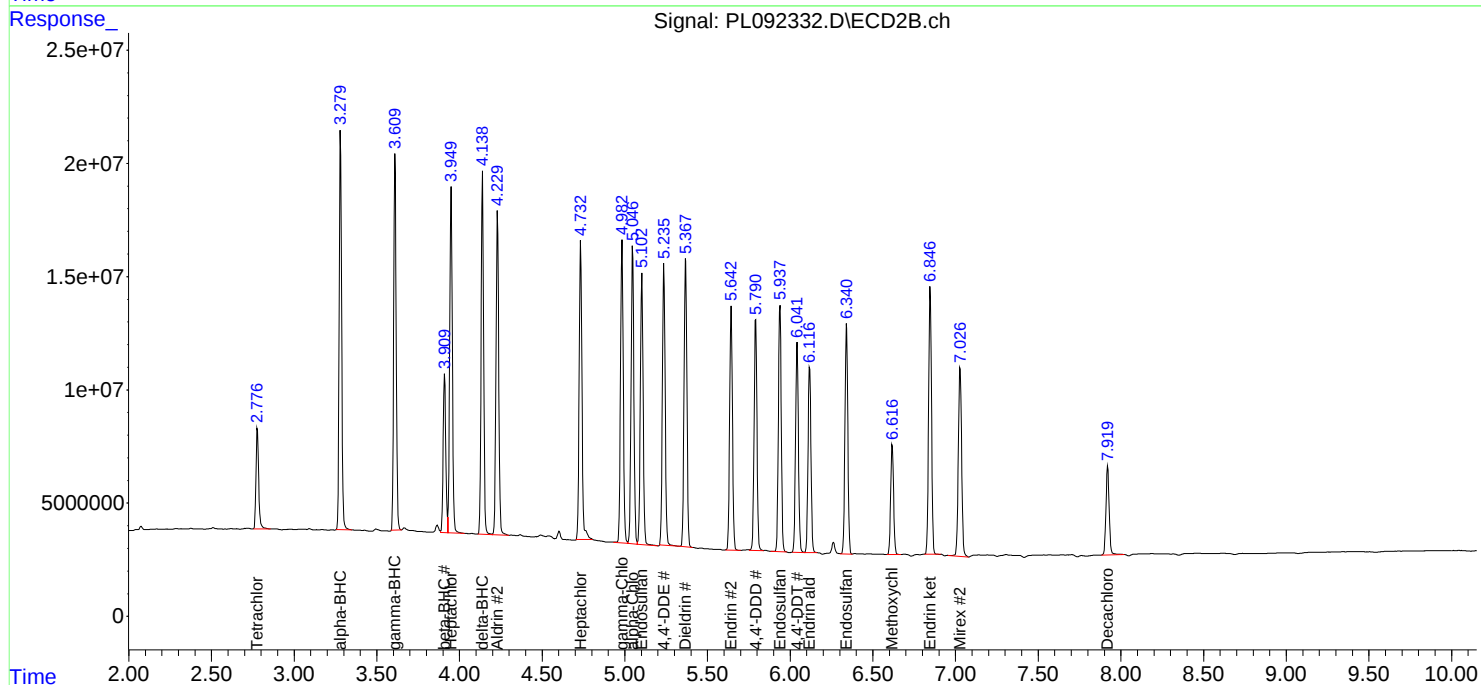
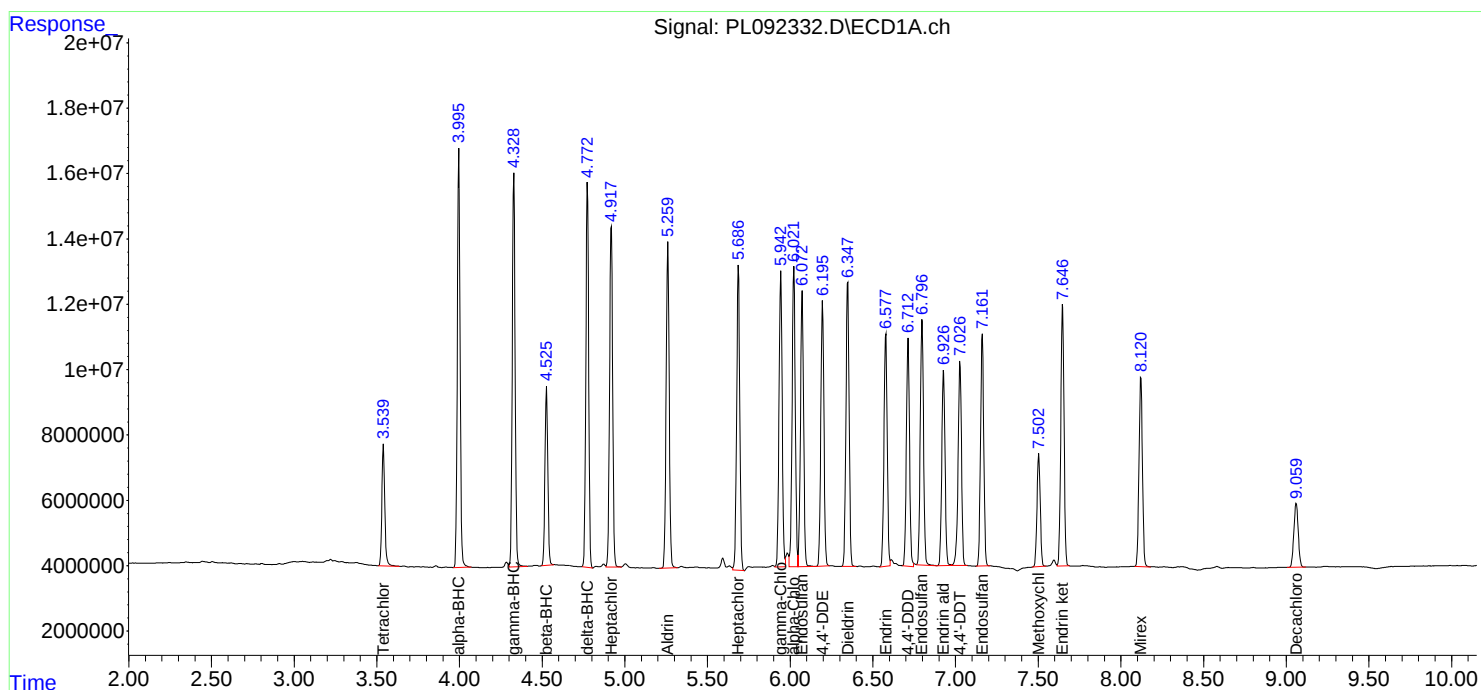
APPROVED

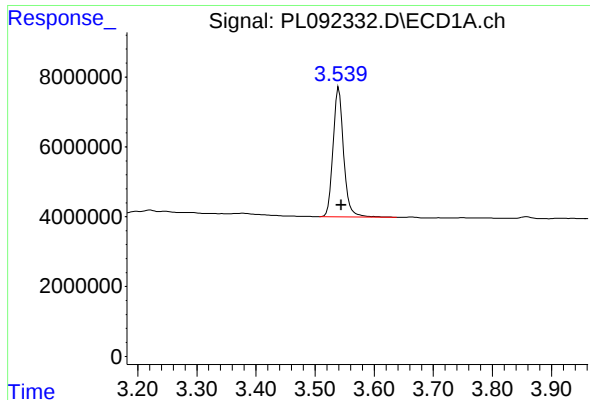
Reviewed By :Abdul Mirza 10/14/2024

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:32:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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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





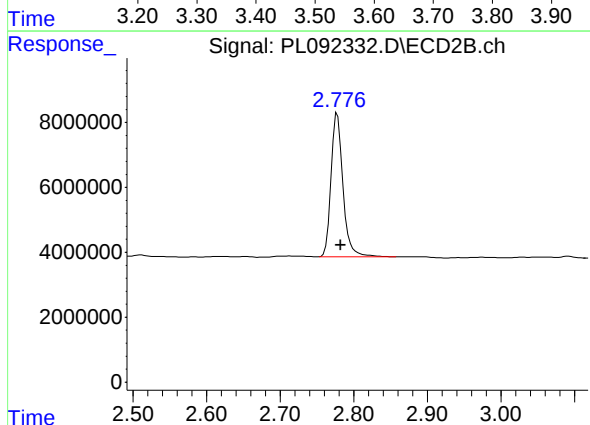
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 45975229
Conc: 20.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

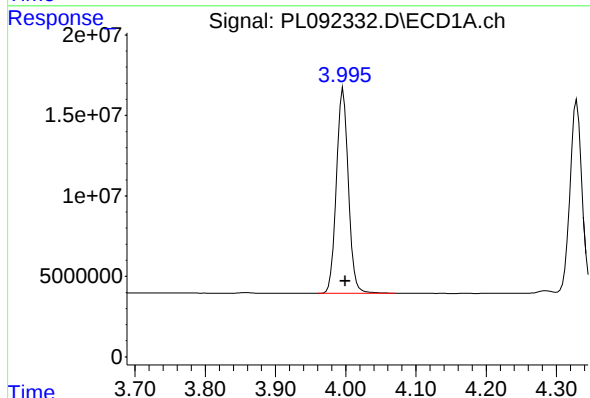
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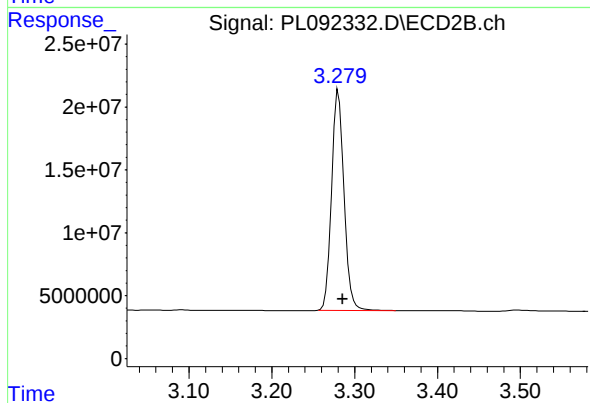
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 49932667
Conc: 19.91 ng/ml



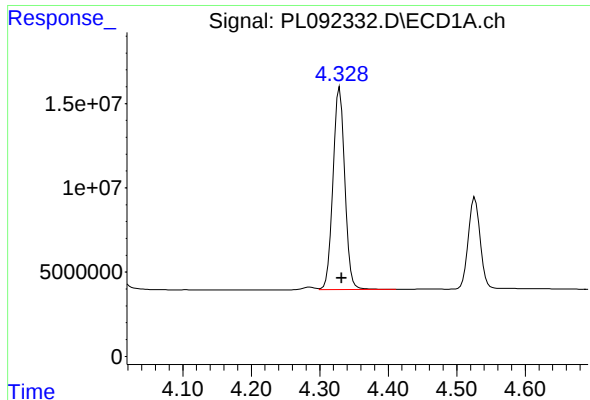
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 150384608
Conc: 48.57 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 183238061
Conc: 50.29 ng/ml



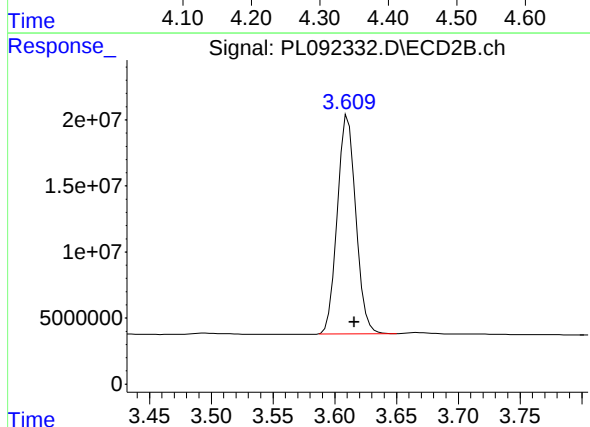
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 143237766
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

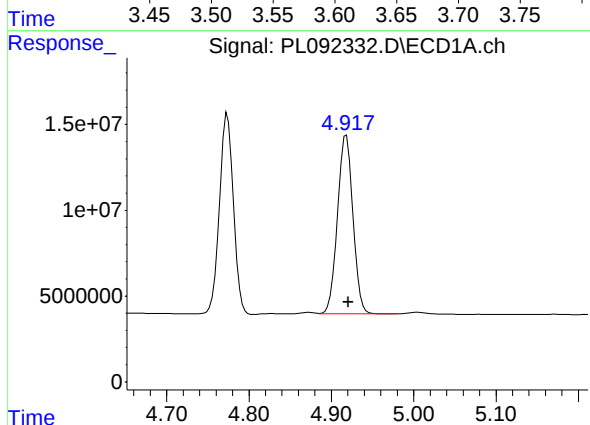
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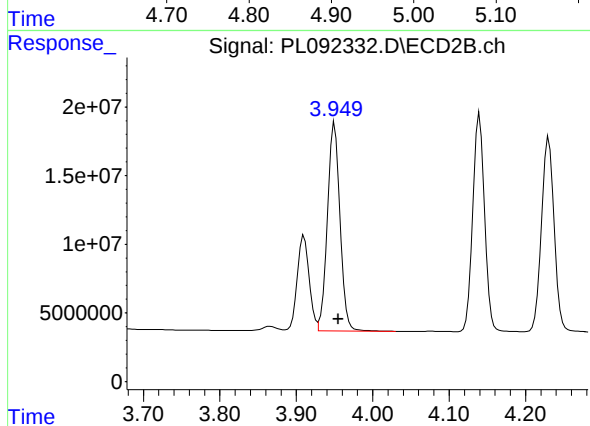
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 171795498
Conc: 48.65 ng/ml



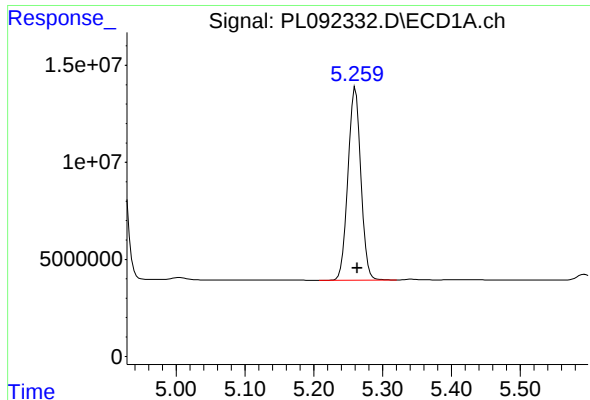
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 135559338
Conc: 49.02 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 172803473
Conc: 50.08 ng/ml



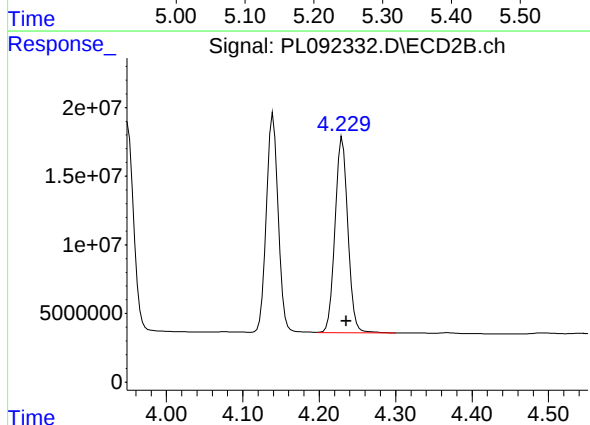
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: -0.002 min
Response: 129628547
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

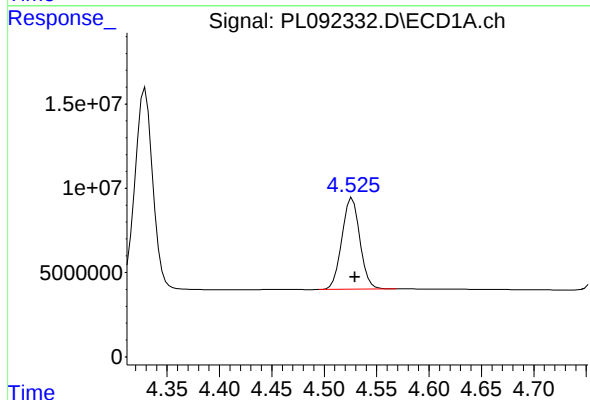
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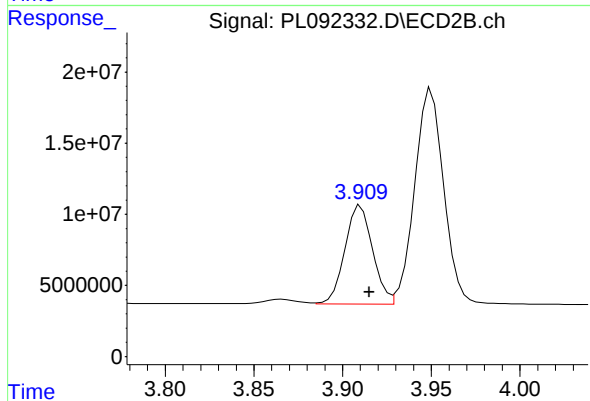
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 165626460
Conc: 48.70 ng/ml



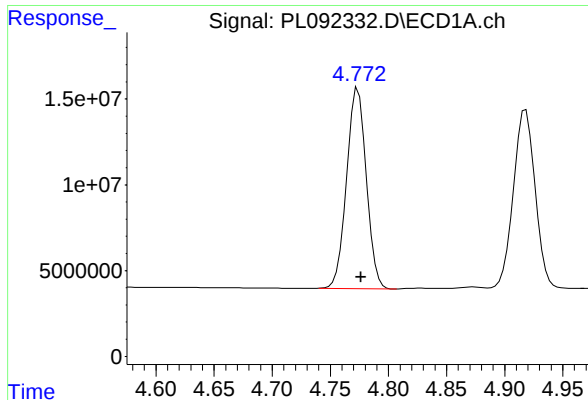
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 64993496
Conc: 49.00 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: -0.005 min
Response: 75607992
Conc: 50.30 ng/ml



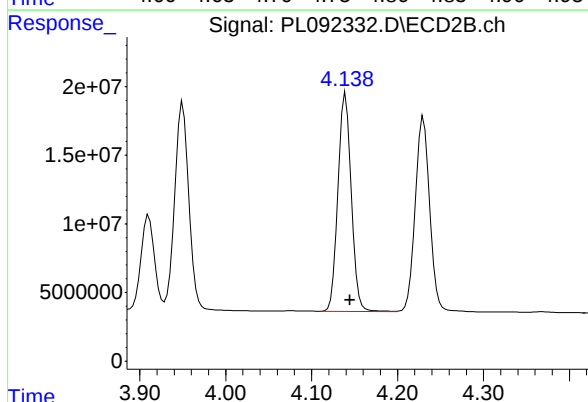
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.003 min
Response: 137484584
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

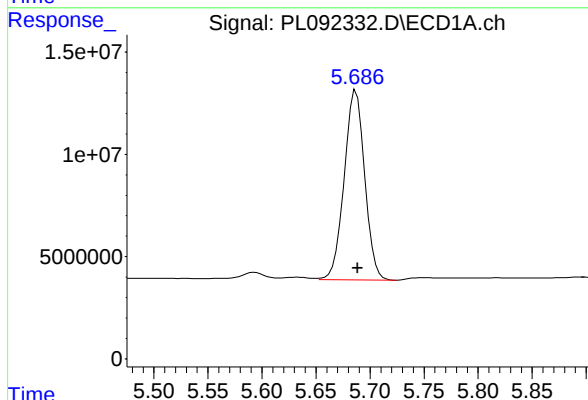
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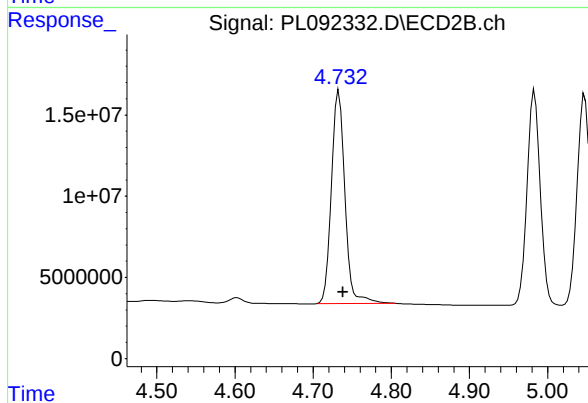
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 170574071
Conc: 49.13 ng/ml



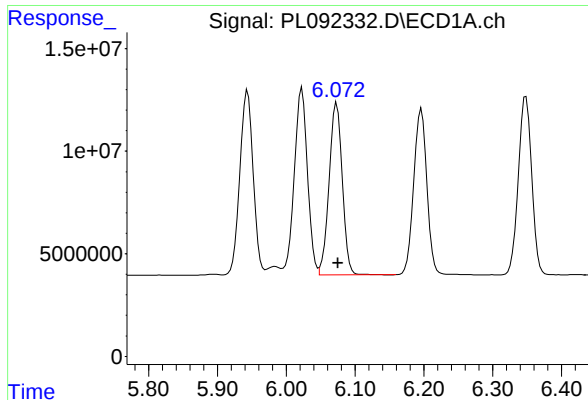
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 122467975
Conc: 48.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 157324013
Conc: 52.04 ng/ml



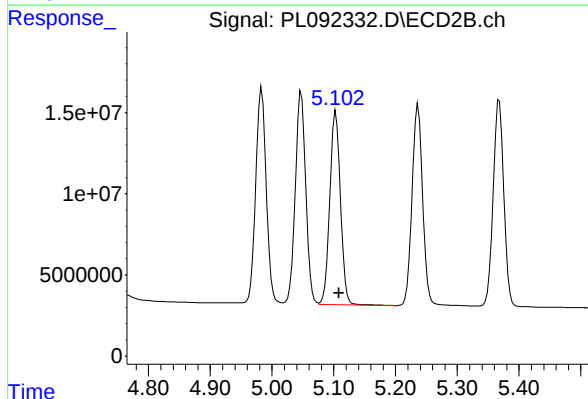
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 111579761
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

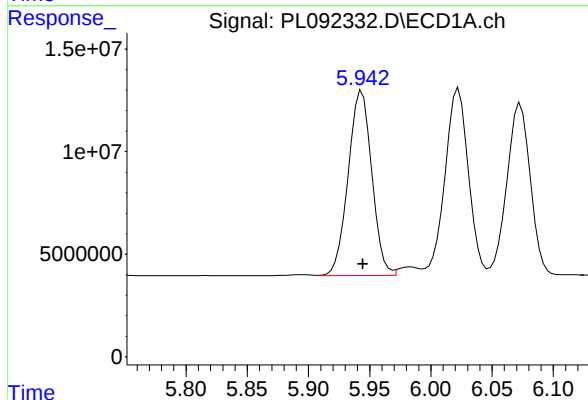
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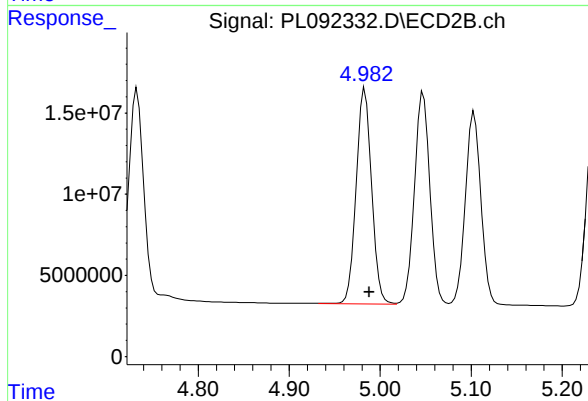
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 142041564
Conc: 51.75 ng/ml



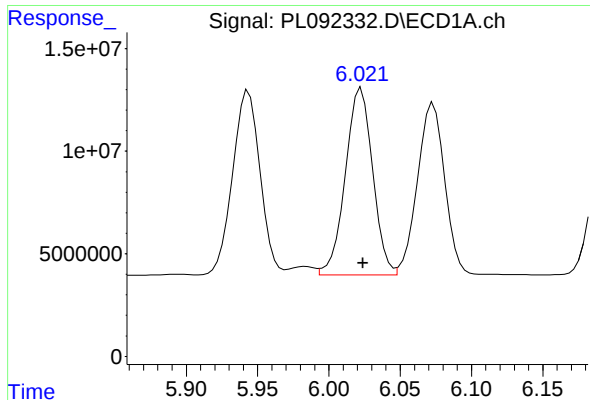
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 121013923
Conc: 48.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 157308396
Conc: 52.29 ng/ml



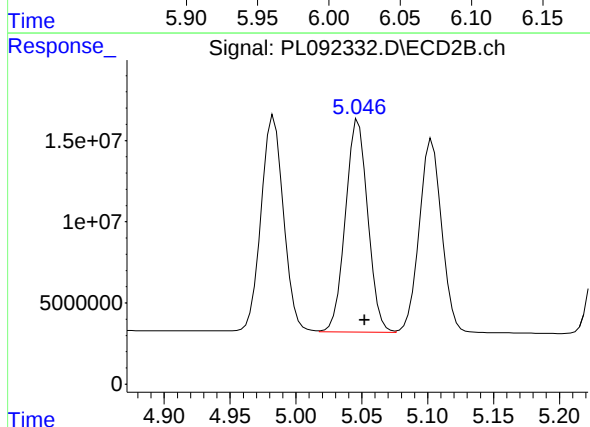
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 121554228
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

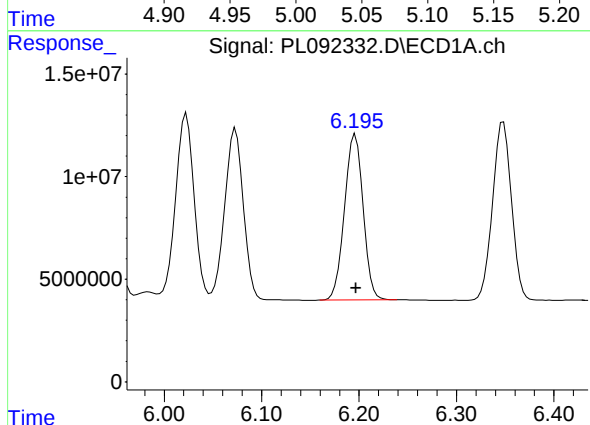
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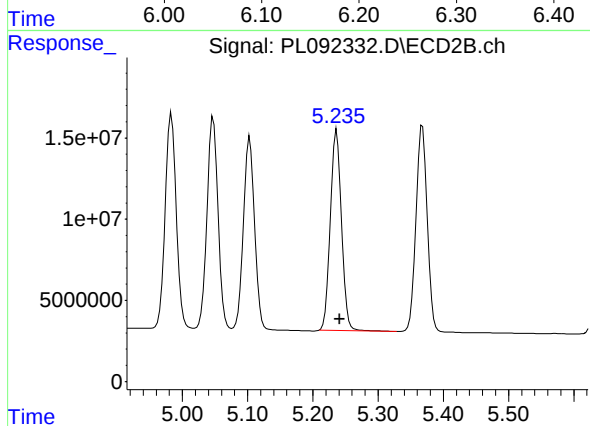
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 154371960
Conc: 51.57 ng/ml



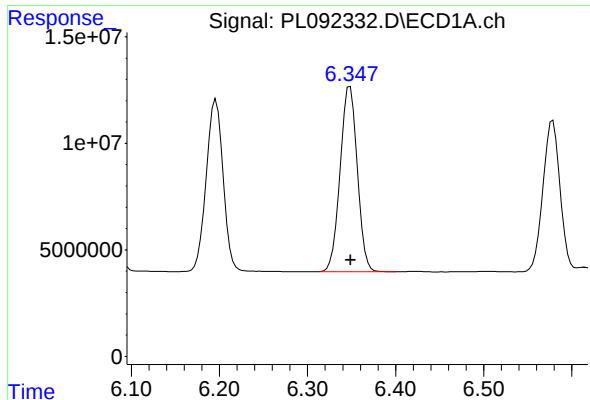
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 107058798
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 146785456
Conc: 52.82 ng/ml



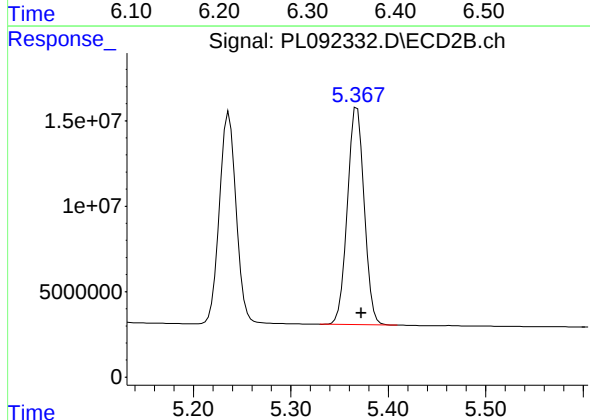
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 117660682
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

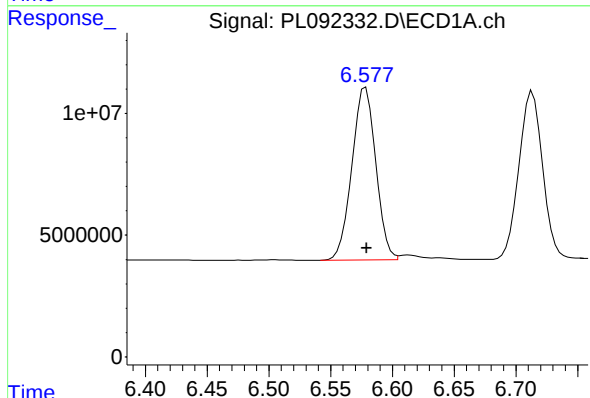
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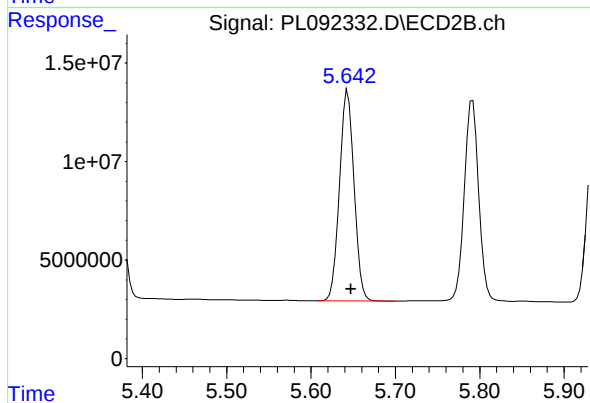
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 152042739
Conc: 51.86 ng/ml



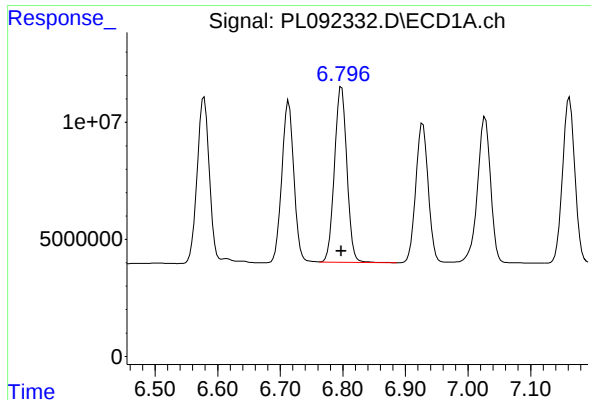
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 95565947
Conc: 46.38 ng/ml m



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 128276650
Conc: 48.92 ng/ml



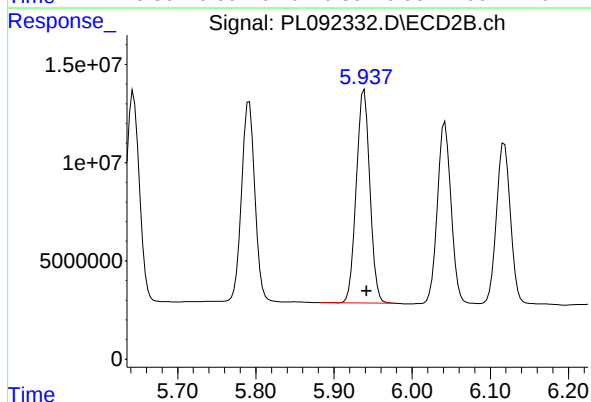
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 103919683
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

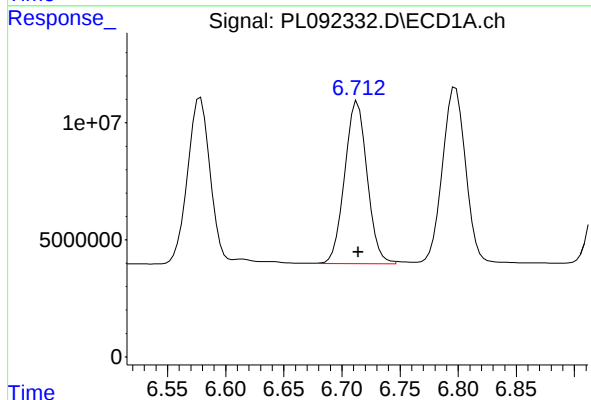
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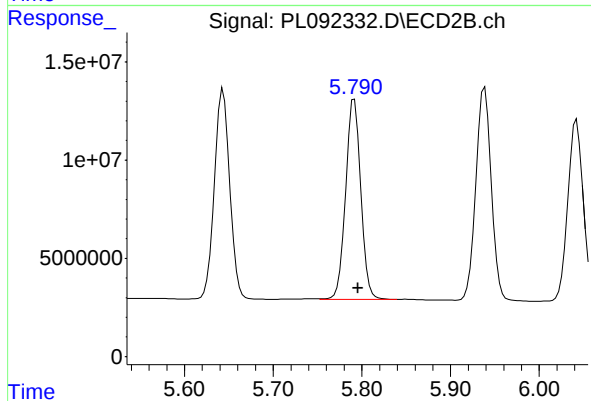
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 131183364
Conc: 52.42 ng/ml



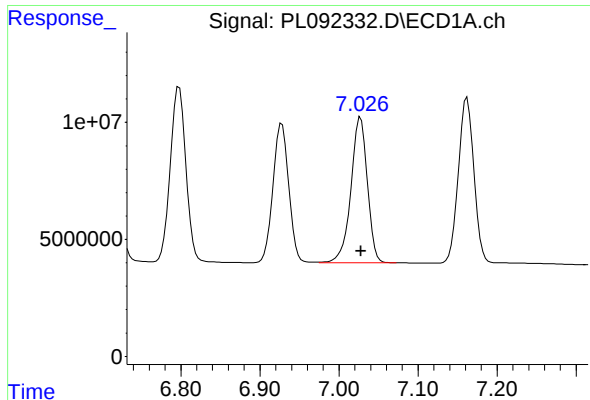
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 93139348
Conc: 51.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.004 min
Response: 121101044
Conc: 56.69 ng/ml



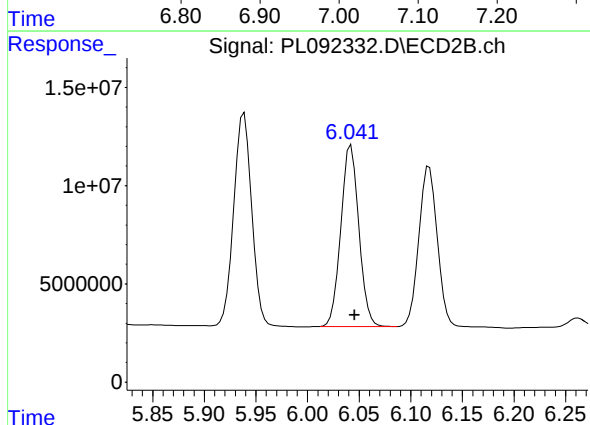
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 89654772
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

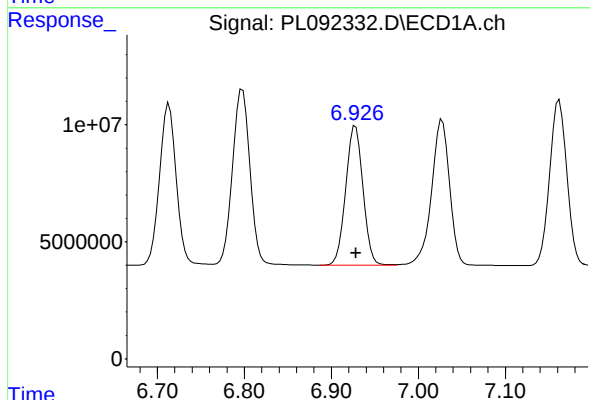
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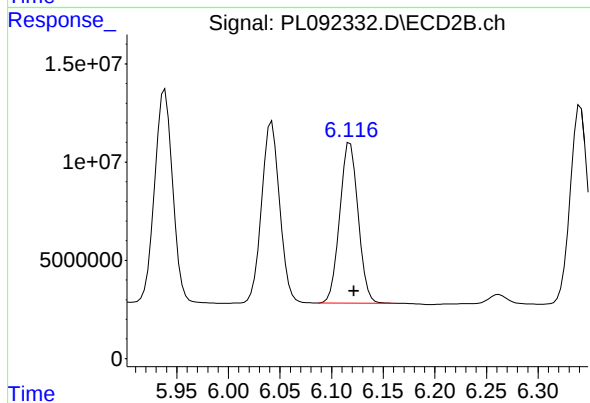
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.003 min
Response: 112310241
Conc: 48.55 ng/ml



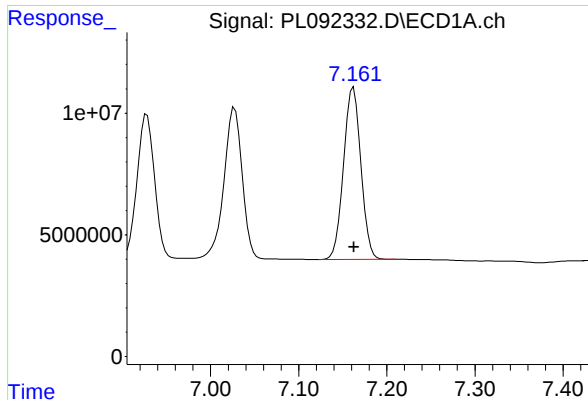
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 82591688
Conc: 47.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 101412505
Conc: 49.69 ng/ml



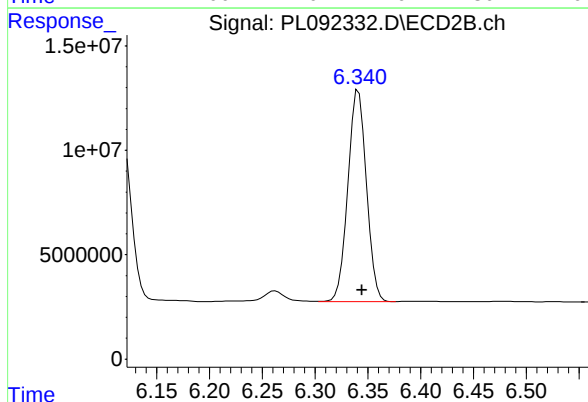
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 96778659
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

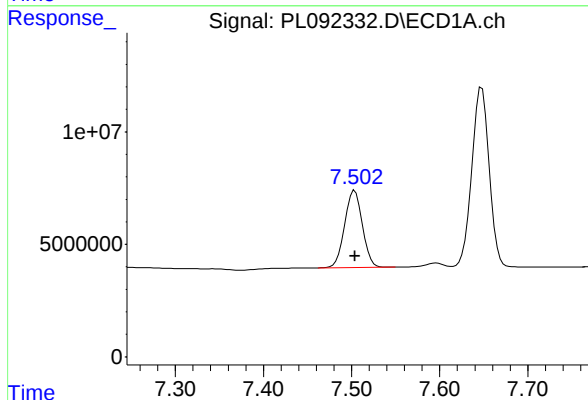
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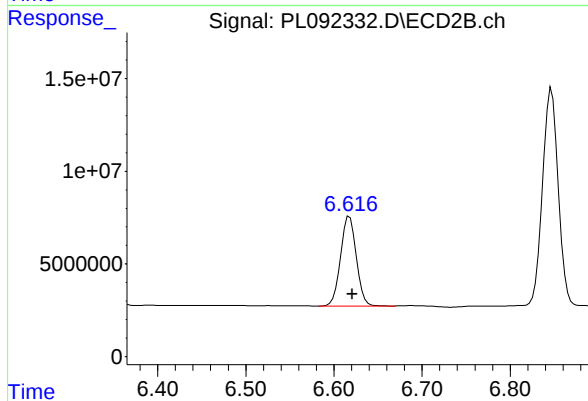
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 124077785
Conc: 51.43 ng/ml



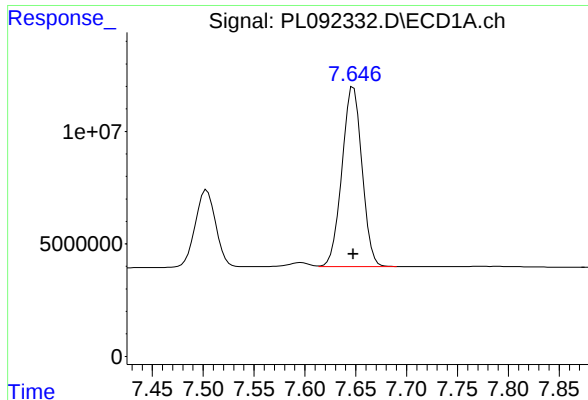
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 48010573
Conc: 48.90 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 59992884
Conc: 47.98 ng/ml



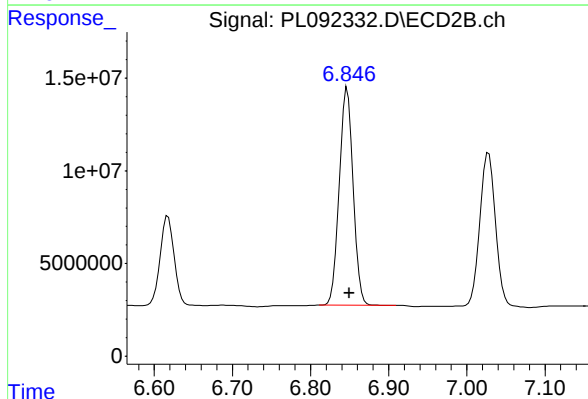
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 109476628
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

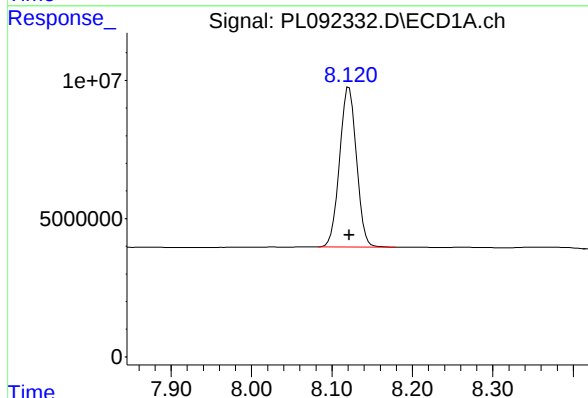
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2024
Supervised By :Ankita Jodhani 10/14/2024



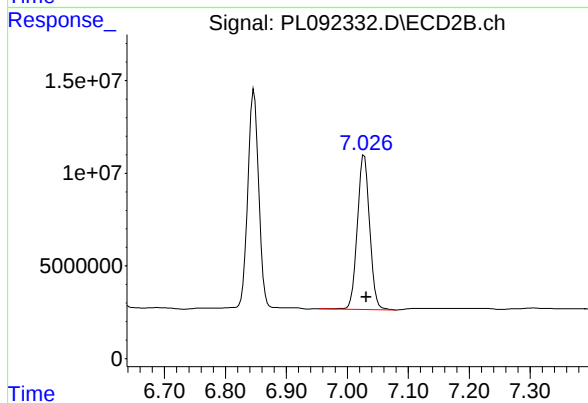
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 144965609
Conc: 52.35 ng/ml



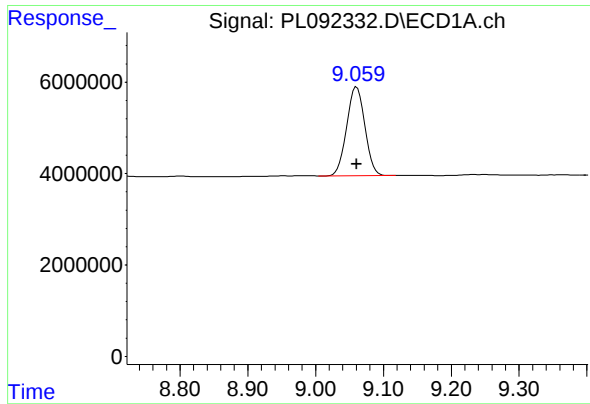
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 84428426
Conc: 46.88 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 116779553
Conc: 48.00 ng/ml



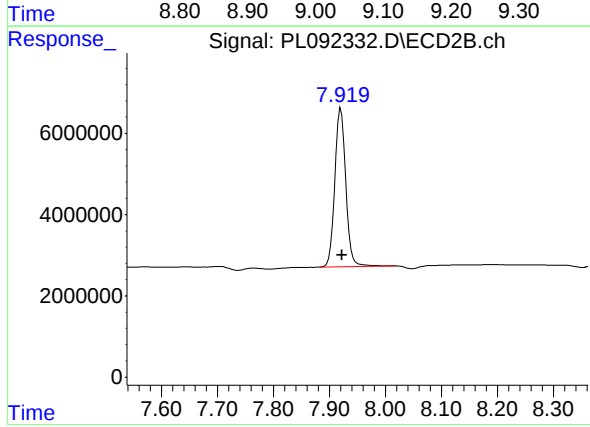
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 36058096
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164067BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 53289886
Conc: 21.30 ng/ml