

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:44
 Operator : AR\AJ
 Sample : P4385-04MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-2MSD

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 02:41:15 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...	3.538	2.778	36996442	39858520	16.630m	15.892
28) SA Decachlor...	9.057	7.919	27464423	39130261	16.765	15.640
Target Compounds						
2) A alpha-BHC	3.996	3.281	132.1E6	161.7E6	42.668	44.377
3) MA gamma-BHC...	4.328	3.611	127.9E6	152.2E6	41.276	43.113
4) MA Heptachlor	4.917	3.950	124.1E6	156.5E6	44.860	45.345
5) MB Aldrin	5.258	4.230	113.8E6	147.7E6	40.986	43.436
6) B beta-BHC	4.525	3.911	58414212	67992634	44.040	45.235
7) B delta-BHC	4.772	4.140	118.5E6	145.1E6	41.079	41.784
8) B Heptachlo...	5.685	4.733	110.7E6	133.4E6	43.506	44.141
9) A Endosulfan I	6.070	5.103	102.0E6	121.6E6	44.074	44.305
10) B gamma-Chl...	5.941	4.983	114.1E6	138.6E6	46.177	46.068
11) B alpha-Chl...	6.020	5.047	110.8E6	136.2E6	44.986	45.508
12) B 4,4'-DDE	6.193	5.236	237.1E6	343.2E6	109.560	123.516
13) MA Dieldrin	6.346	5.367	109.0E6	138.8E6	44.711	47.327
14) MA Endrin	6.574	5.643	88049972	126.1E6	42.728m	48.095
15) B Endosulfa...	6.795	5.938	94097834	114.4E6	42.777	45.708
16) A 4,4'-DDD	6.710	5.791	96987003	111.9E6	54.010m	52.393
17) MA 4,4'-DDT	7.026	6.042	191.5E6	262.5E6	103.990	113.479
18) B Endrin al...	6.925	6.117	72870983	94684643	41.813	46.398
19) B Endosulfa...	7.160	6.340	87464369	110.8E6	44.123	45.911
20) A Methoxychlor	7.501	6.617	43749446	57871829	44.564	46.285
21) B Endrin ke...	7.644	6.846	141.8E6	124.0E6	64.510m	44.785 #
22) Mirex	8.119	7.027	73912736	103.5E6	41.040	42.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:44
Operator : AR\AJ
Sample : P4385-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2MSD

Manual Integrations

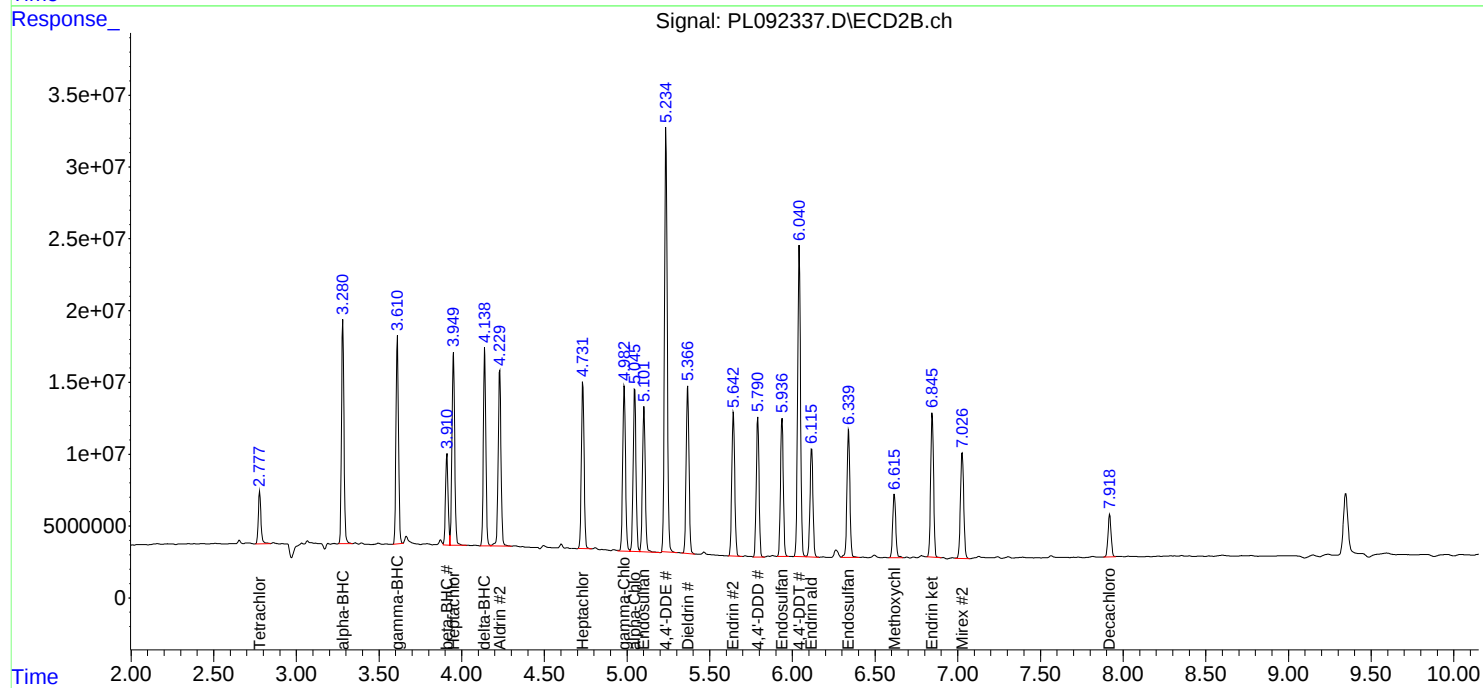
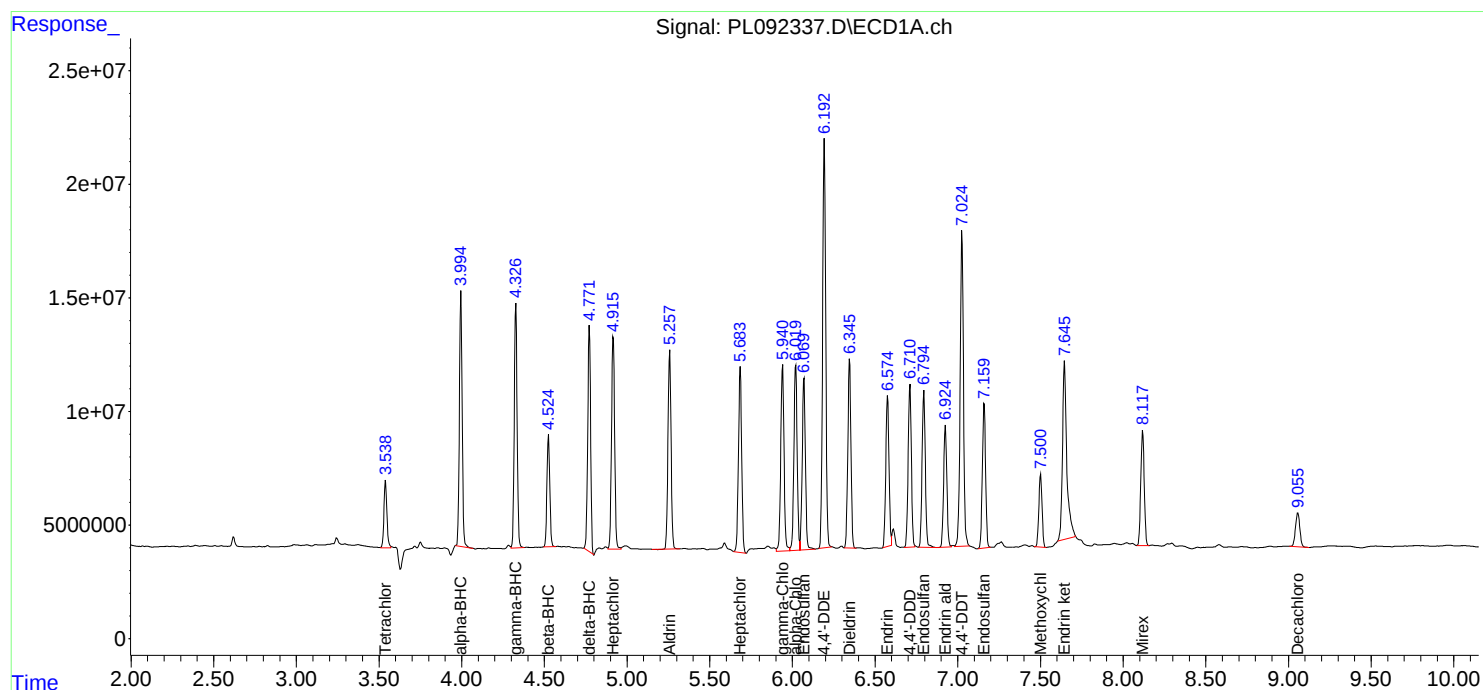
APPROVED

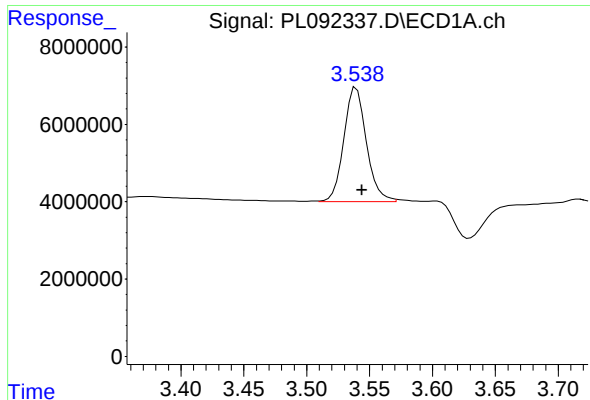
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:41:15 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





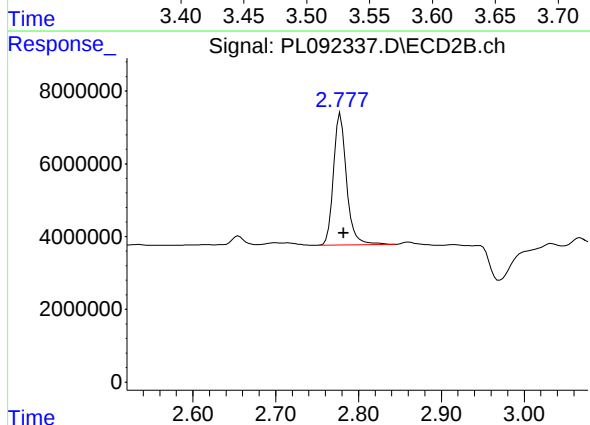
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 36996442
Conc: 16.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

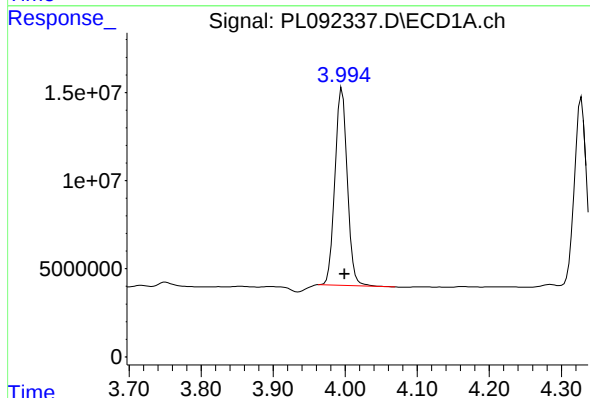
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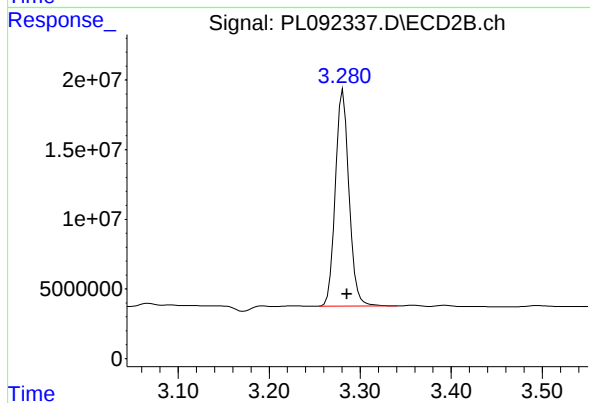
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 39858520
Conc: 15.89 ng/ml



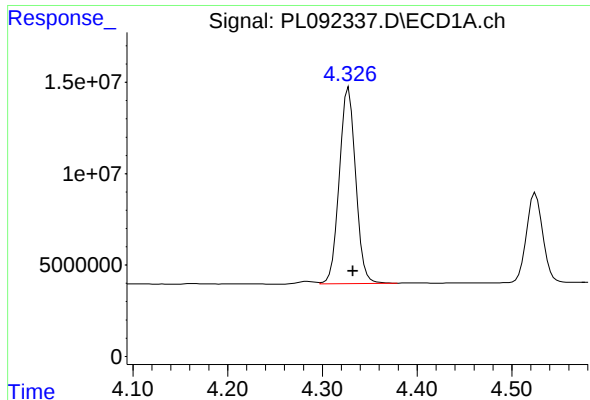
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 132121595
Conc: 42.67 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.004 min
Response: 161678949
Conc: 44.38 ng/ml



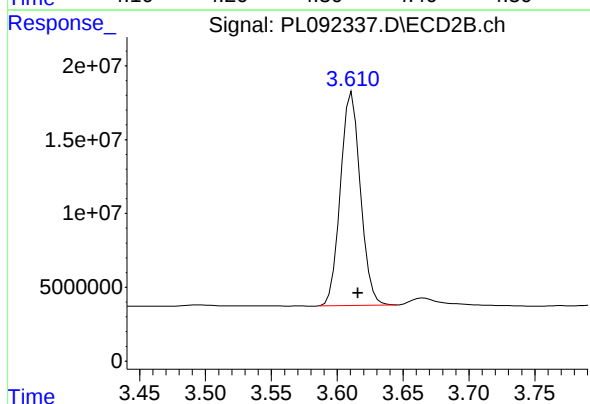
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 127907169
Conc: 41.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

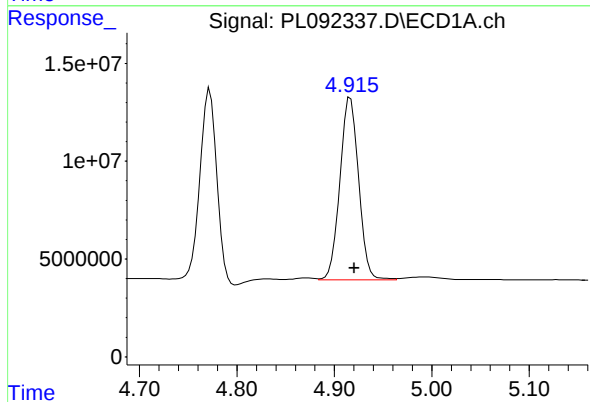
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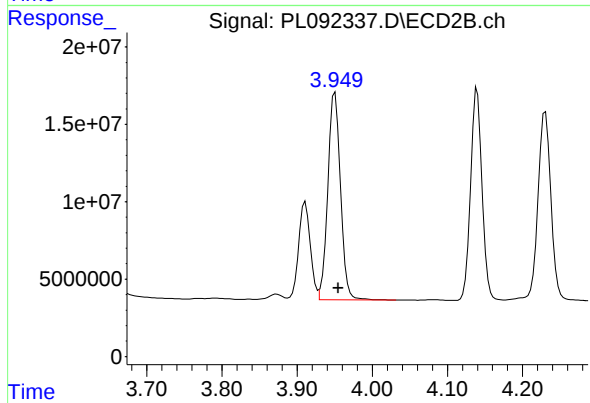
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 152230919
Conc: 43.11 ng/ml



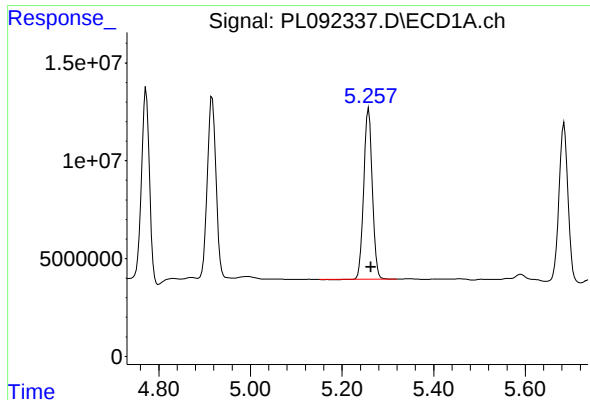
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 124057958
Conc: 44.86 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 156466923
Conc: 45.34 ng/ml



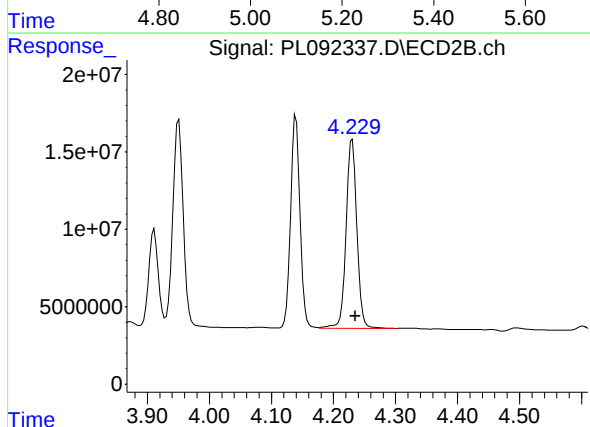
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 113841365
Conc: 40.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

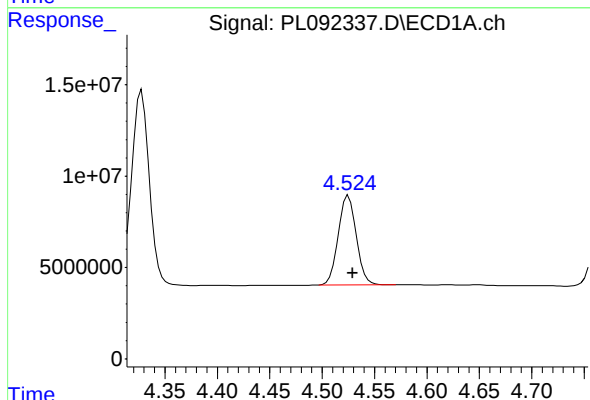
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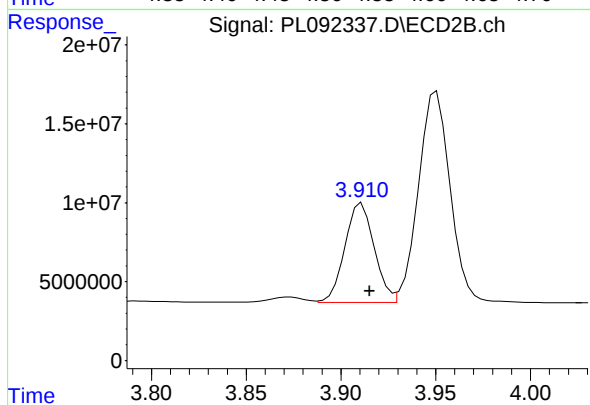
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 147731465
Conc: 43.44 ng/ml



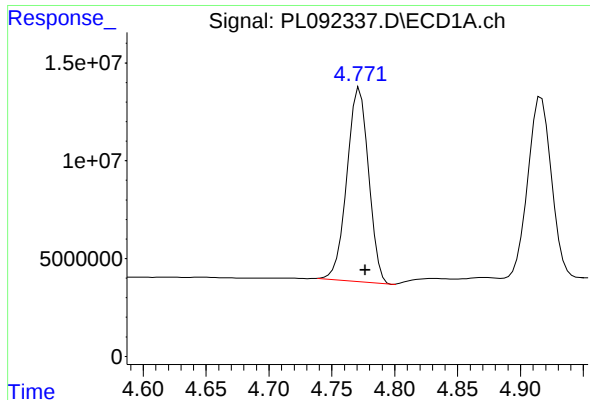
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 58414212
Conc: 44.04 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 67992634
Conc: 45.24 ng/ml



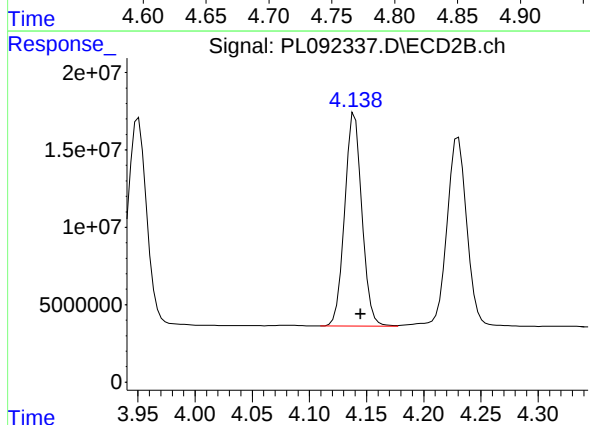
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 118481859
Conc: 41.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

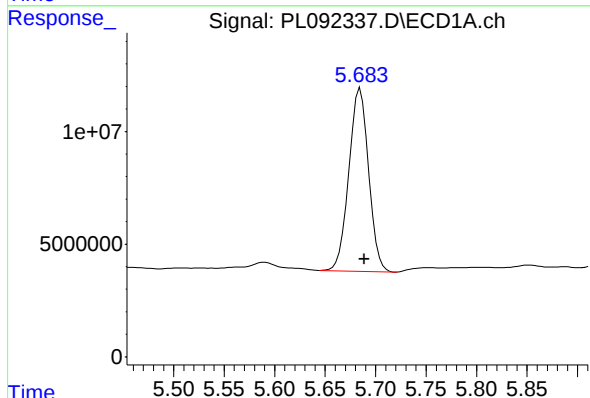
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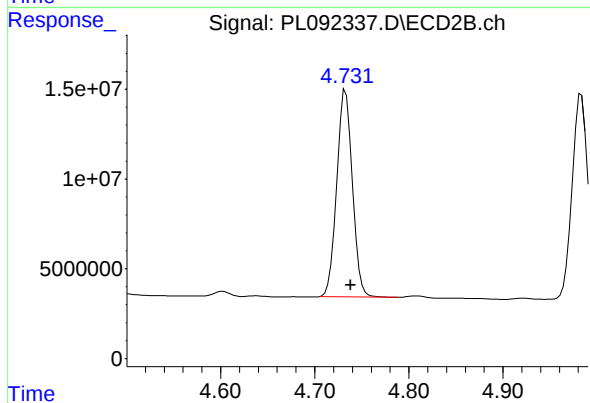
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 145061079
Conc: 41.78 ng/ml



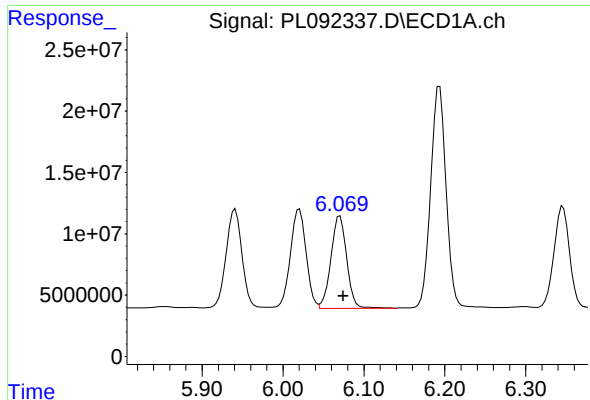
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 110722941
Conc: 43.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: -0.005 min
Response: 133433346
Conc: 44.14 ng/ml



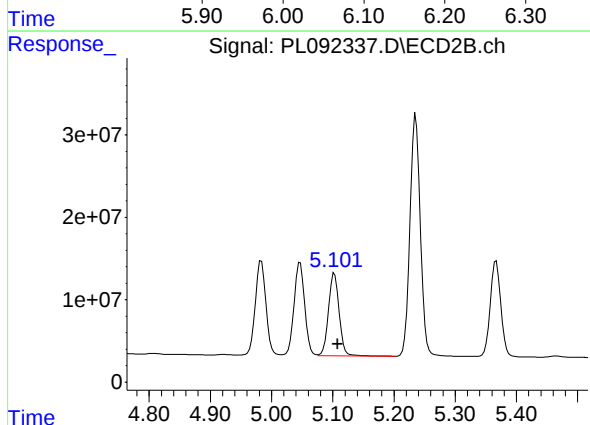
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 101960003
Conc: 44.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

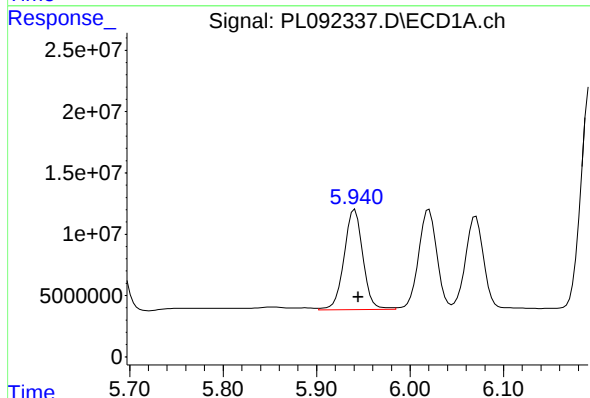
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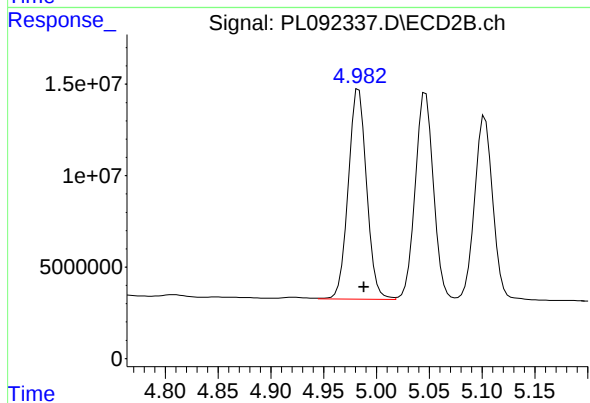
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 121602012
Conc: 44.31 ng/ml



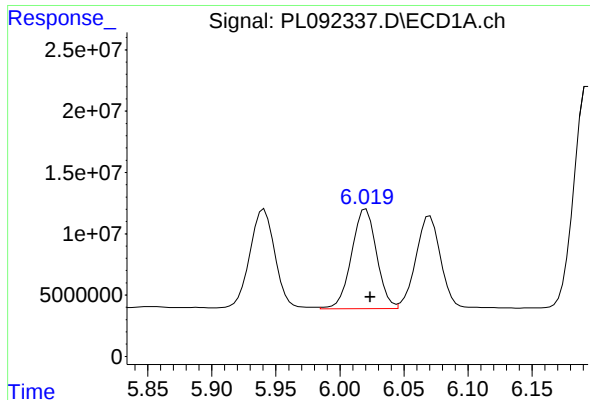
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 114113108
Conc: 46.18 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 138599737
Conc: 46.07 ng/ml



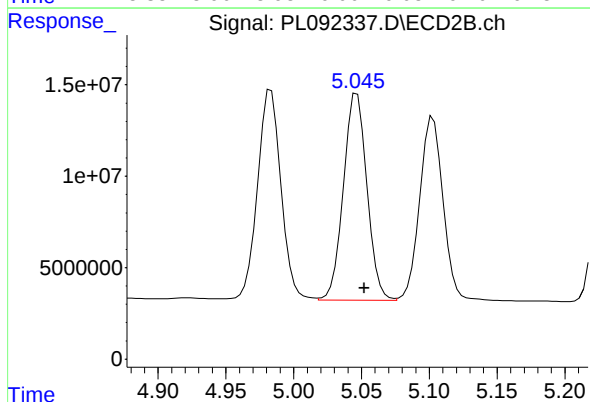
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 110816202
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

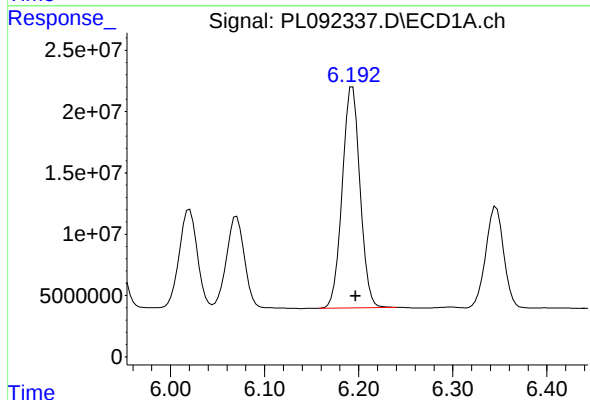
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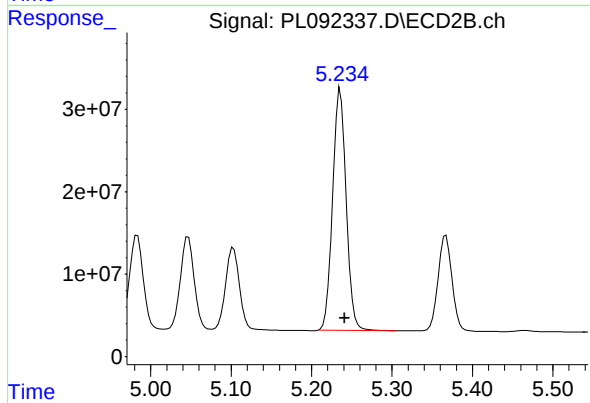
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 136231111
Conc: 45.51 ng/ml



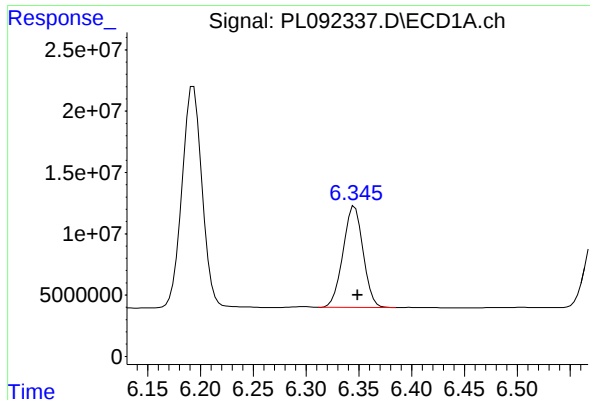
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 237133379
Conc: 109.56 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 343232550
Conc: 123.52 ng/ml



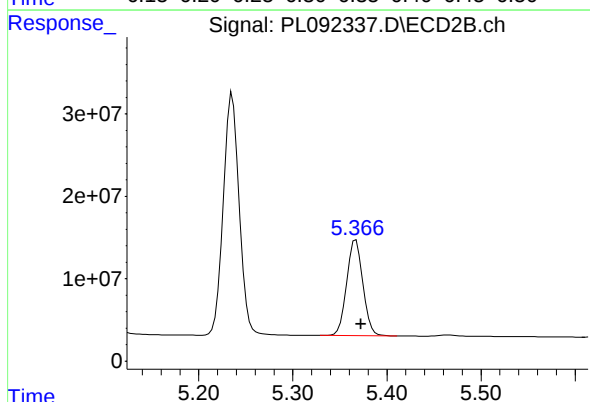
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 109043758
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

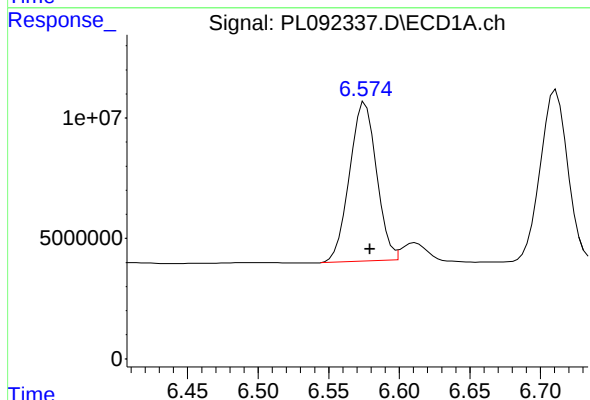
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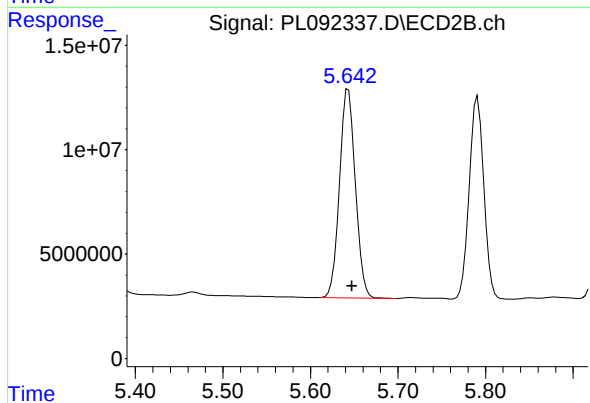
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 138754422
Conc: 47.33 ng/ml



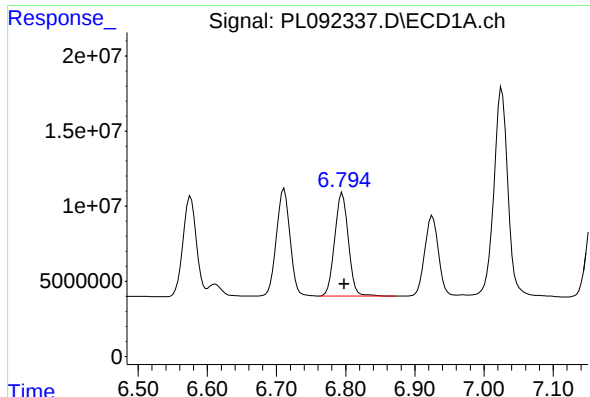
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.005 min
Response: 88049972
Conc: 42.73 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 126113719
Conc: 48.09 ng/ml



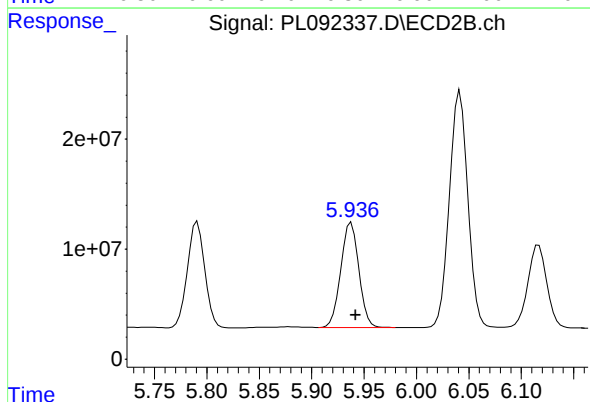
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 94097834
Conc: 42.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

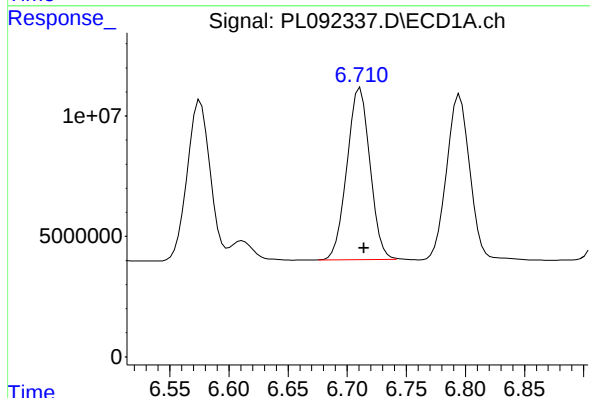
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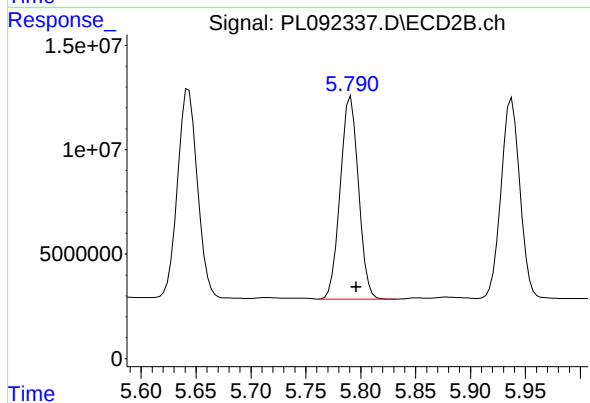
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 114379504
Conc: 45.71 ng/ml



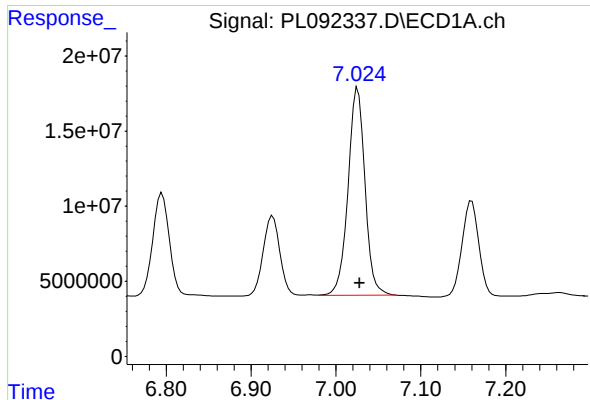
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 96987003
Conc: 54.01 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 111923290
Conc: 52.39 ng/ml



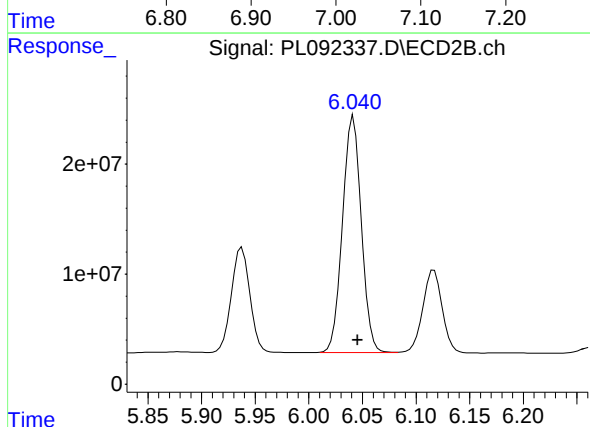
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 191465928
Conc: 103.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

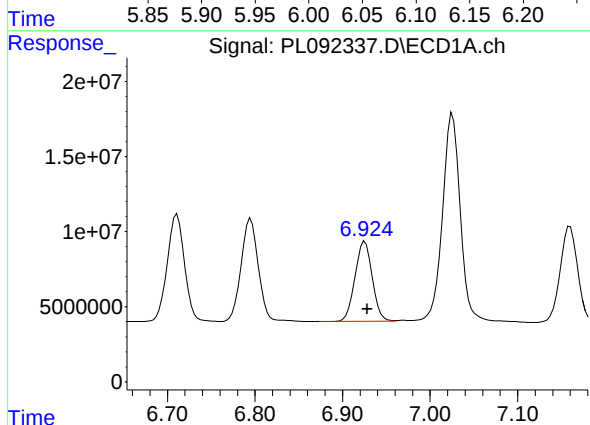
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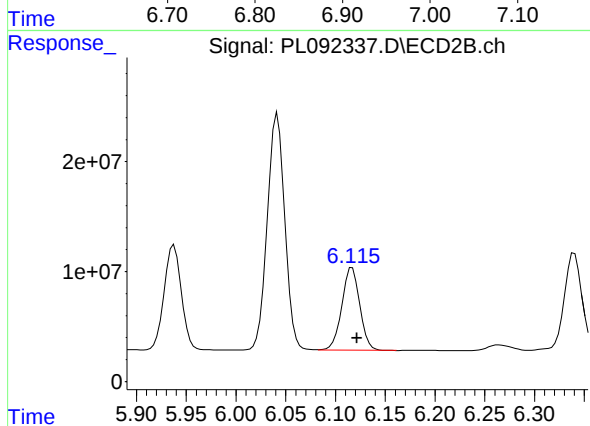
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 262496606
Conc: 113.48 ng/ml



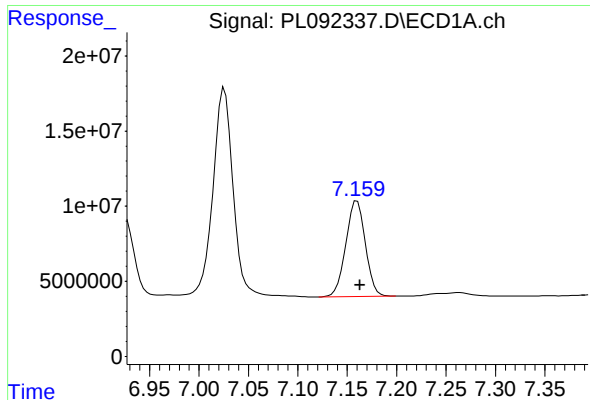
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 72870983
Conc: 41.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 94684643
Conc: 46.40 ng/ml



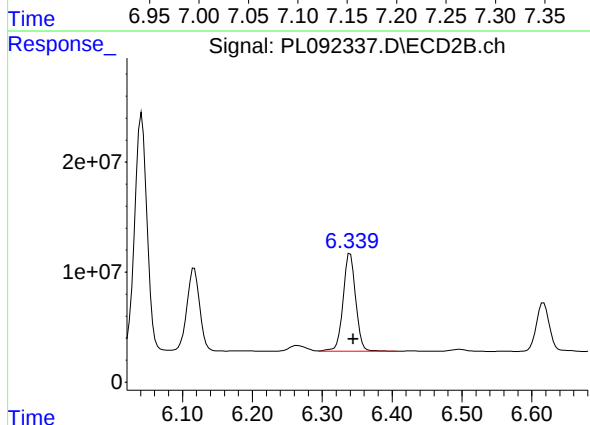
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 87464369
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

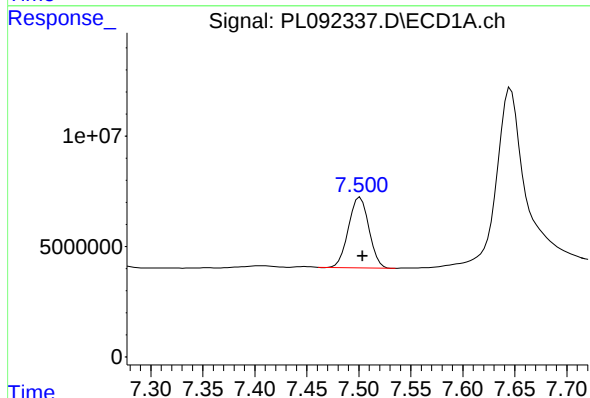
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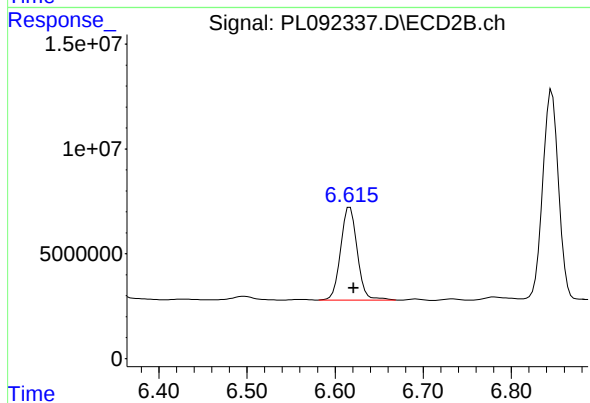
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 110760631
Conc: 45.91 ng/ml



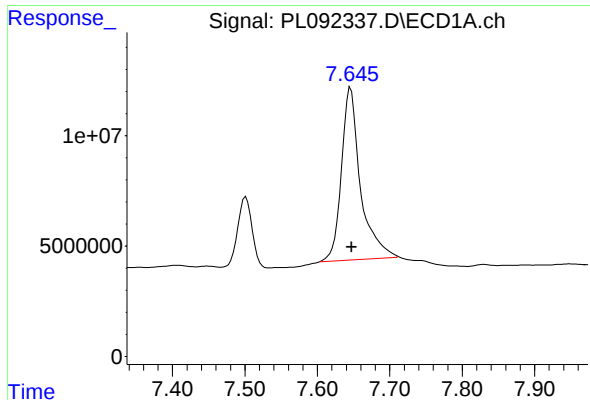
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 43749446
Conc: 44.56 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 57871829
Conc: 46.28 ng/ml



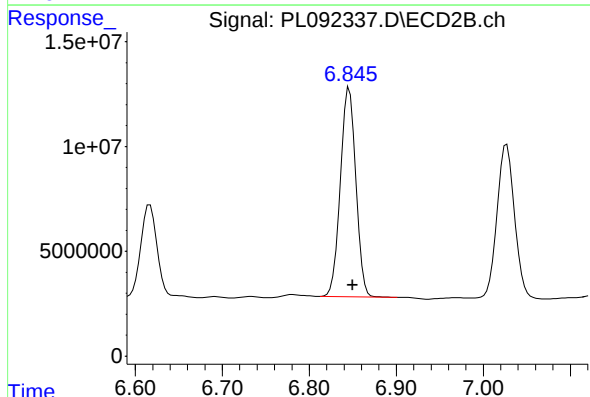
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.003 min
Response: 141765385
Conc: 64.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

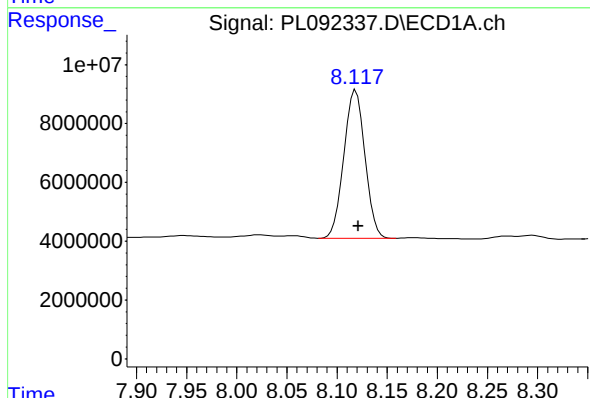
Manual Integrations
APPROVED

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



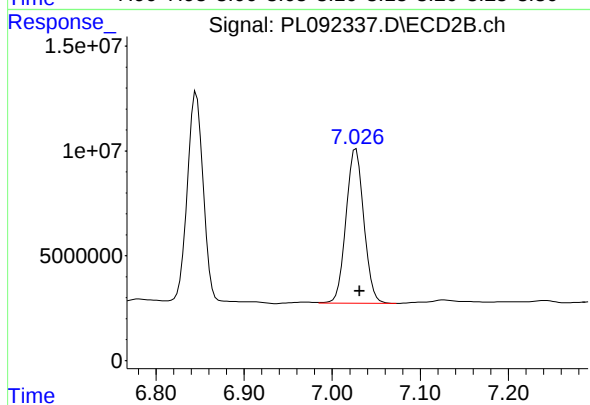
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 124006295
Conc: 44.78 ng/ml



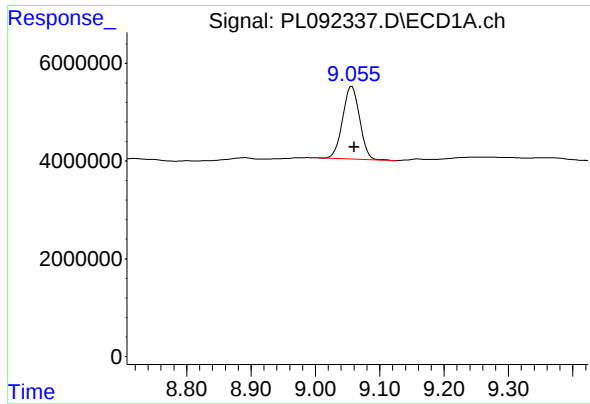
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 73912736
Conc: 41.04 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 103541426
Conc: 42.56 ng/ml



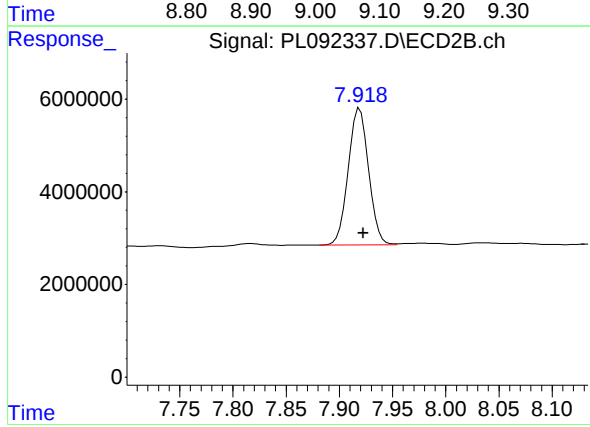
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 27464423
Conc: 16.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 39130261
Conc: 15.64 ng/ml