

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
 Data File : PL092336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2024 14:31
 Operator : AR\AJ
 Sample : P4385-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-2MS

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 02:39:28 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	36382584	40854859	16.354m	16.289
28) SA Decachlor...	9.057	7.920	27693861	39186066	16.905	15.662
Target Compounds						
2) A alpha-BHC	3.996	3.281	134.6E6	162.6E6	43.456	44.625
3) MA gamma-BHC...	4.328	3.611	129.1E6	153.3E6	41.661	43.417
4) MA Heptachlor	4.917	3.950	126.5E6	158.2E6	45.740	45.840
5) MB Aldrin	5.259	4.230	115.0E6	149.0E6	41.400	43.819
6) B beta-BHC	4.526	3.911	59093735	68616037	44.553	45.650
7) B delta-BHC	4.772	4.140	120.5E6	146.0E6	41.782	42.067
8) B Heptachlo...	5.685	4.733	112.7E6	134.1E6	44.267	44.346
9) A Endosulfan I	6.071	5.103	103.4E6	121.9E6	44.684	44.430
10) B gamma-Chl...	5.941	4.983	115.8E6	138.0E6	46.873	45.873
11) B alpha-Chl...	6.021	5.046	112.2E6	136.3E6	45.559	45.542
12) B 4,4'-DDE	6.194	5.235	238.8E6	341.2E6	110.322	122.800
13) MA Dieldrin	6.346	5.367	109.6E6	139.6E6	44.925	47.622
14) MA Endrin	6.575	5.643	89466843	126.6E6	43.416m	48.268
15) B Endosulfa...	6.796	5.938	94635331	114.5E6	43.021	45.768
16) A 4,4'-DDD	6.710	5.791	98343576	111.3E6	54.766m	52.124
17) MA 4,4'-DDT	7.026	6.041	194.6E6	263.5E6	105.674	113.895
18) B Endrin al...	6.926	6.117	73648375	94861372	42.260	46.484
19) B Endosulfa...	7.160	6.340	88123965	111.1E6	44.456	46.046
20) A Methoxychlor	7.502	6.618	43617495	58138848	44.430	46.498
21) B Endrin ke...	7.645	6.846	133.2E6	124.5E6	60.600m	44.946 #
22) Mirex	8.119	7.027	74568357	104.1E6	41.404	42.800

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101224\
Data File : PL092336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2024 14:31
Operator : AR\AJ
Sample : P4385-04MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-2MS

Manual Integrations

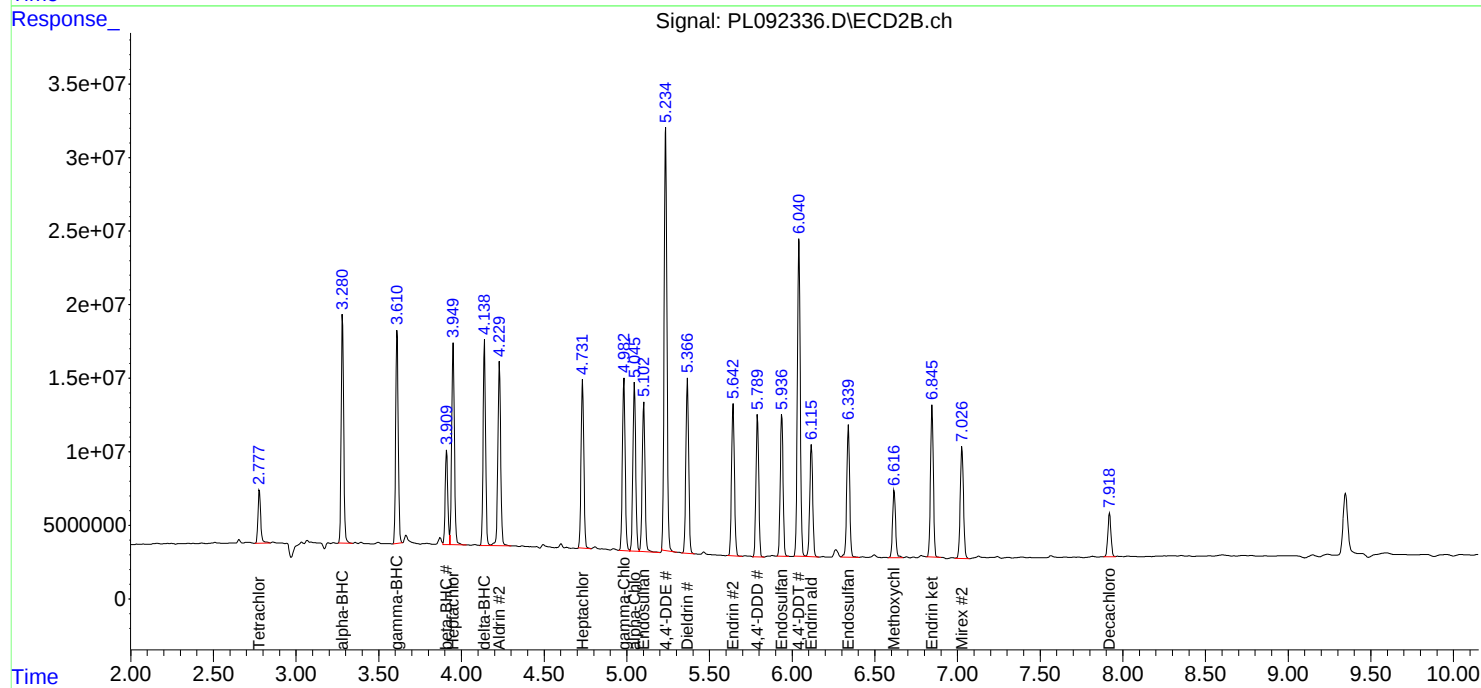
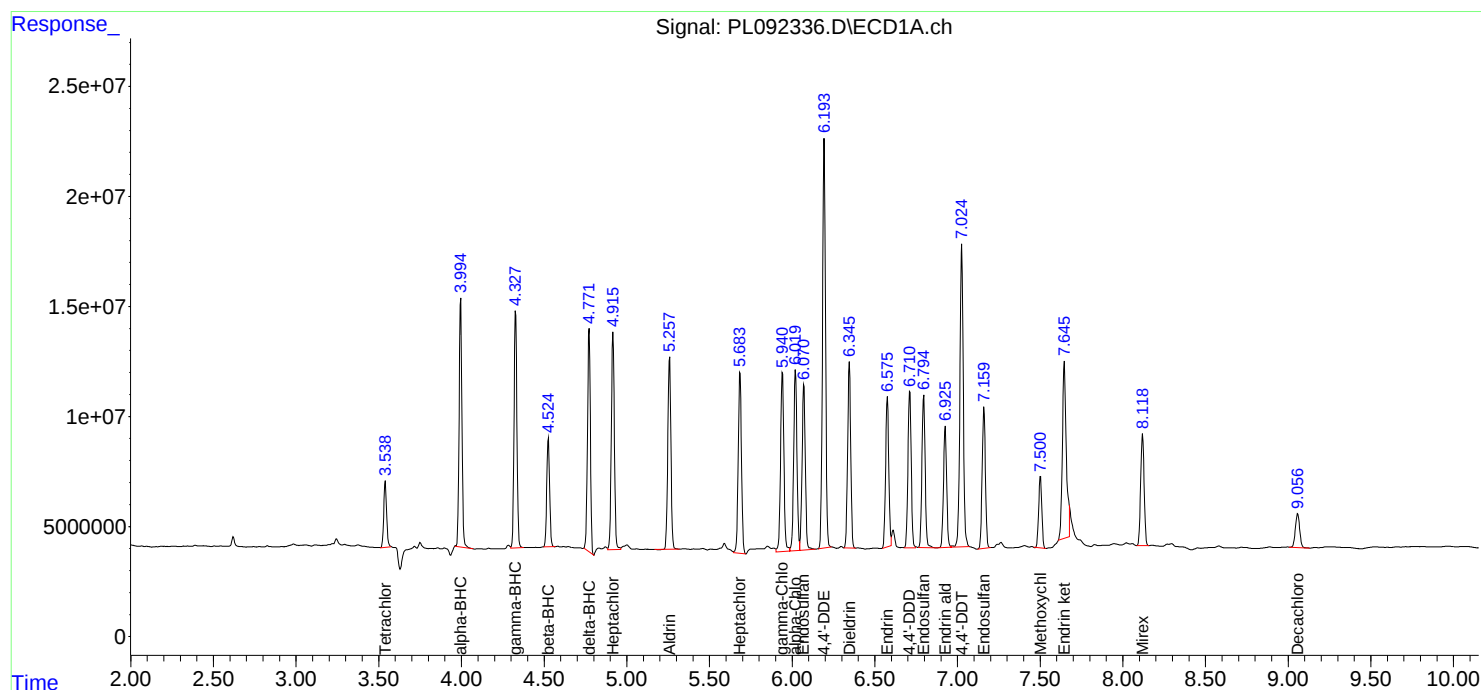
APPROVED

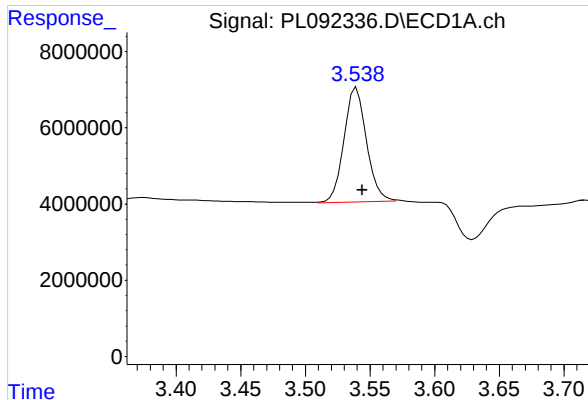
Reviewed By :Abdul Mirza 10/14/2024

Supervised By :Ankita Jodhani 10/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:39:28 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





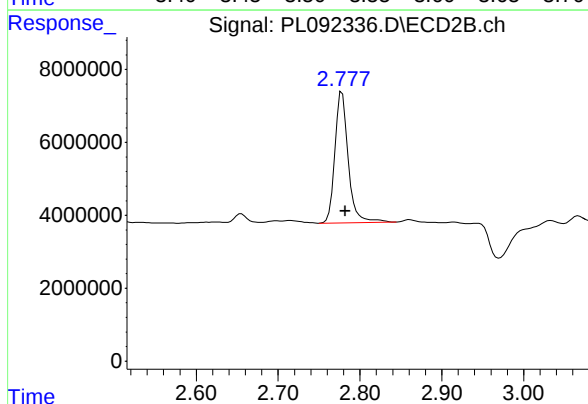
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.006 min
Response: 36382584
Conc: 16.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

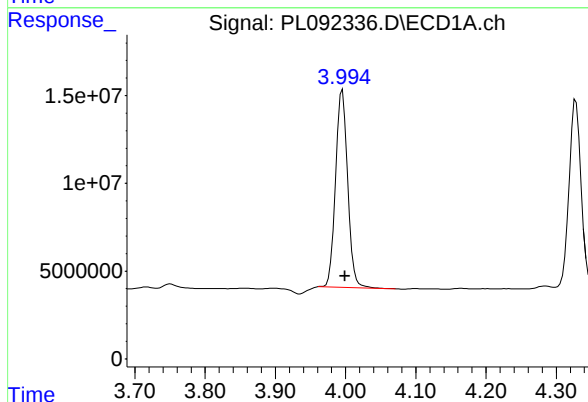
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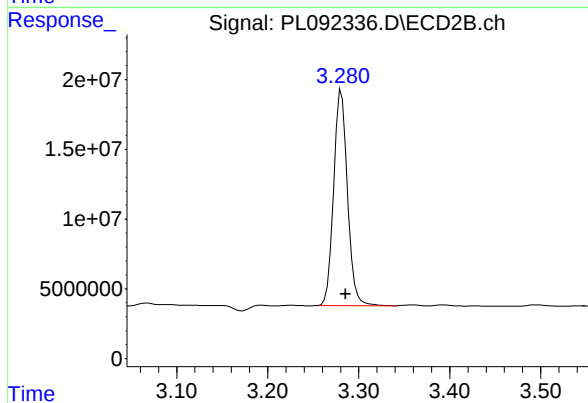
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.004 min
Response: 40854859
Conc: 16.29 ng/ml



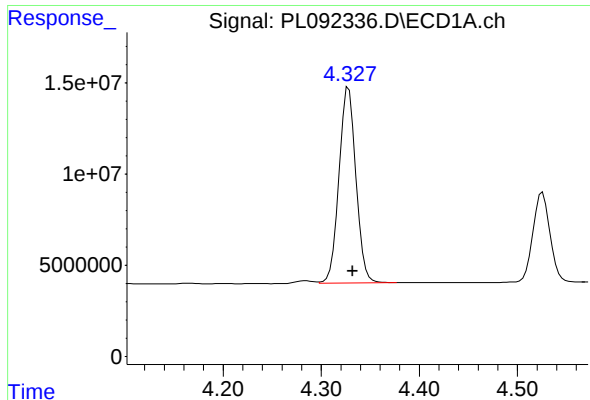
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 134562829
Conc: 43.46 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 162584479
Conc: 44.63 ng/ml



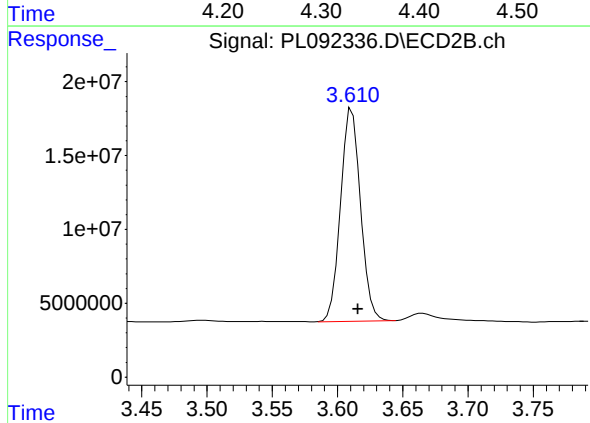
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 129099341
Conc: 41.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

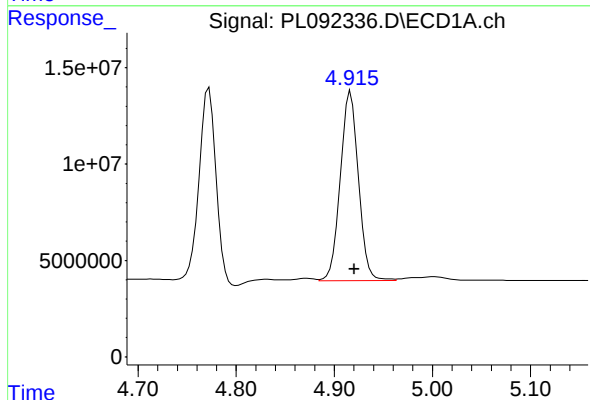
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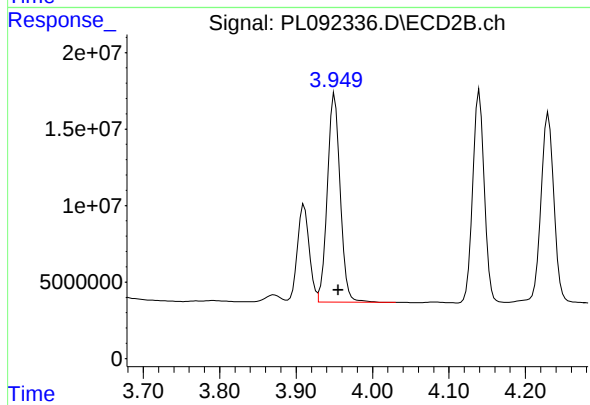
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 153306089
Conc: 43.42 ng/ml



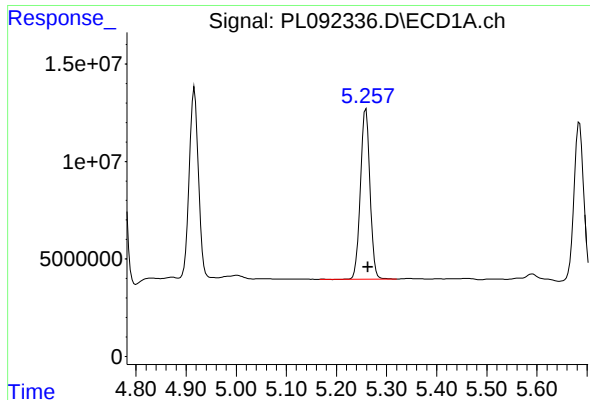
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 126491480
Conc: 45.74 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 158176108
Conc: 45.84 ng/ml



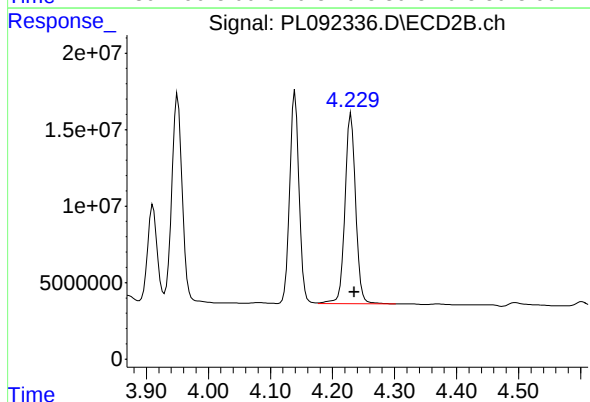
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 114991642
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

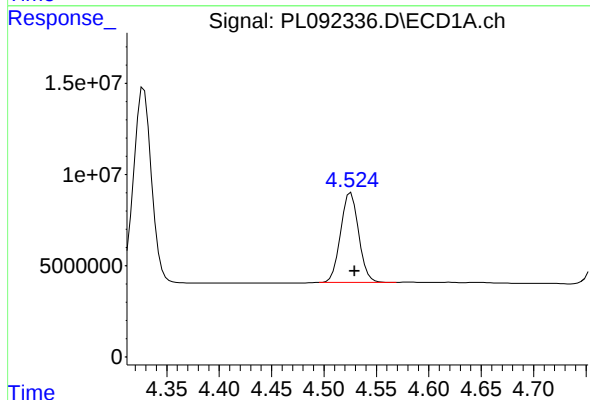
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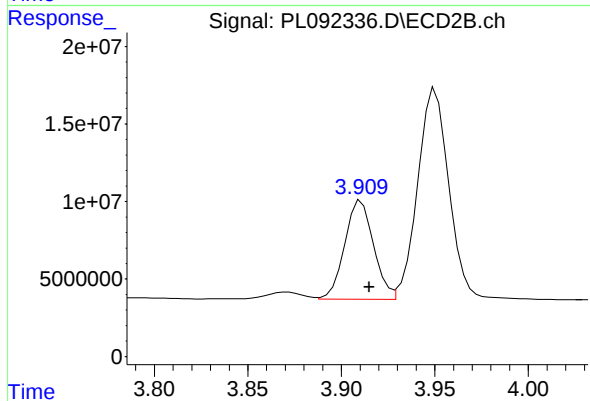
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 149031606
Conc: 43.82 ng/ml



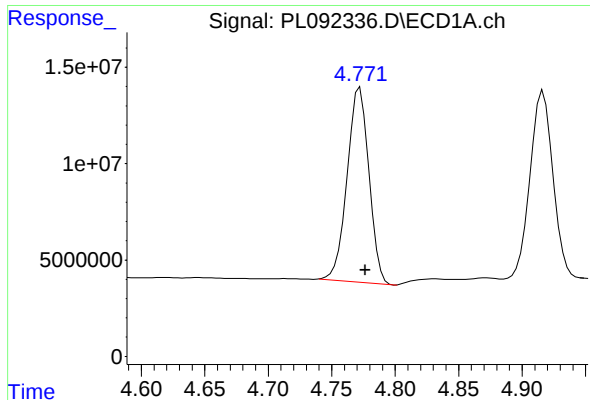
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.004 min
Response: 59093735
Conc: 44.55 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 68616037
Conc: 45.65 ng/ml



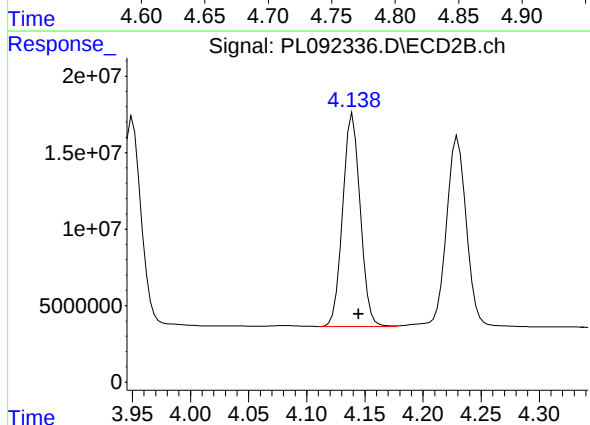
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 120509149
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

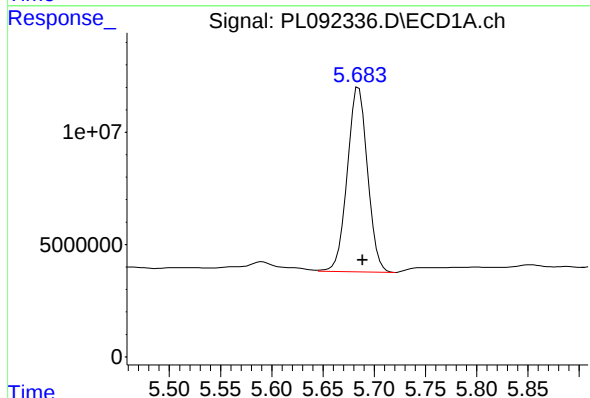
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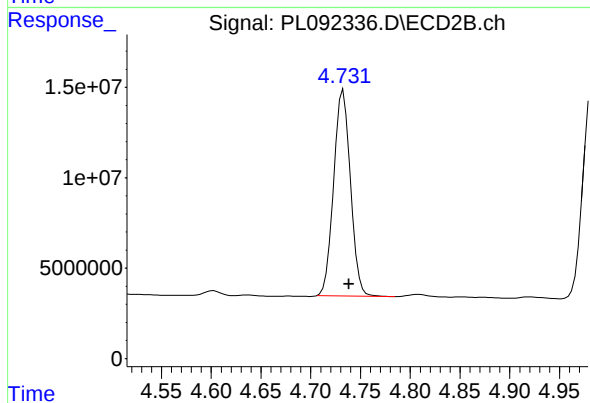
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 146044037
Conc: 42.07 ng/ml



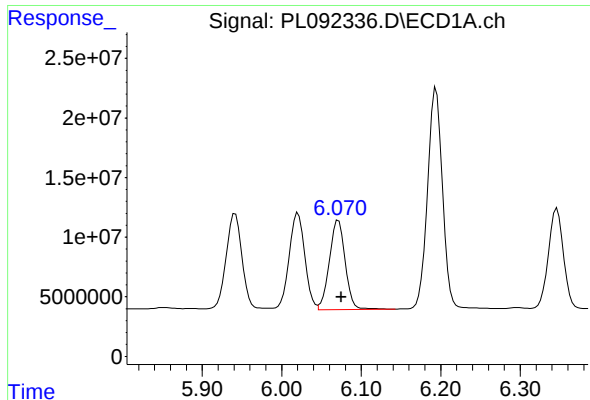
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.004 min
Response: 112659863
Conc: 44.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: -0.006 min
Response: 134052599
Conc: 44.35 ng/ml



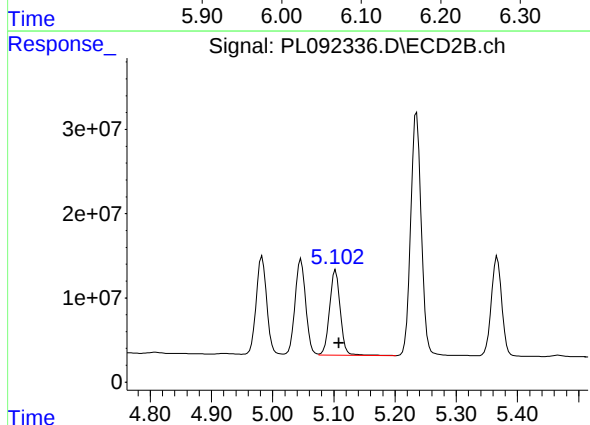
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 103372305
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

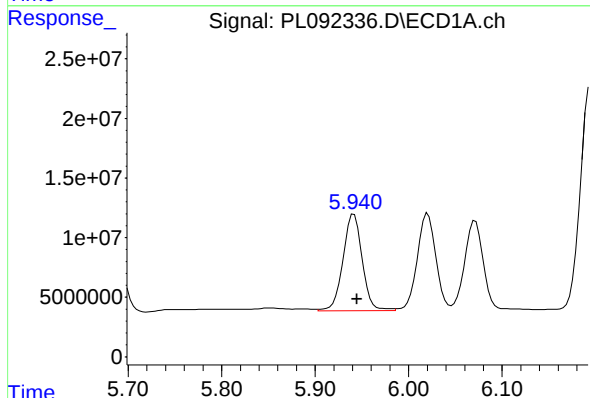
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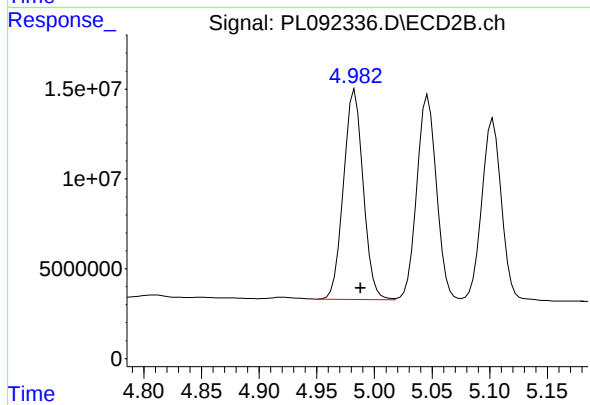
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 121944323
Conc: 44.43 ng/ml



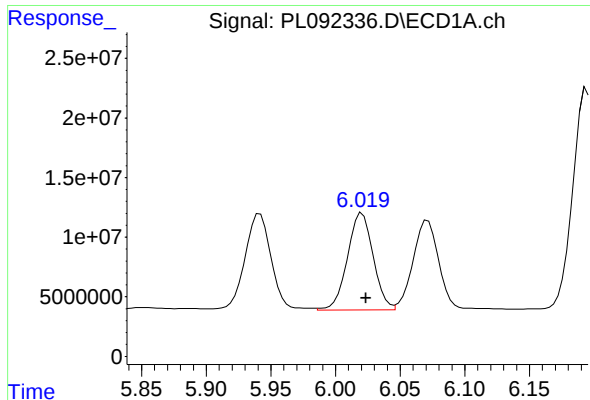
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 115833562
Conc: 46.87 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 138013087
Conc: 45.87 ng/ml



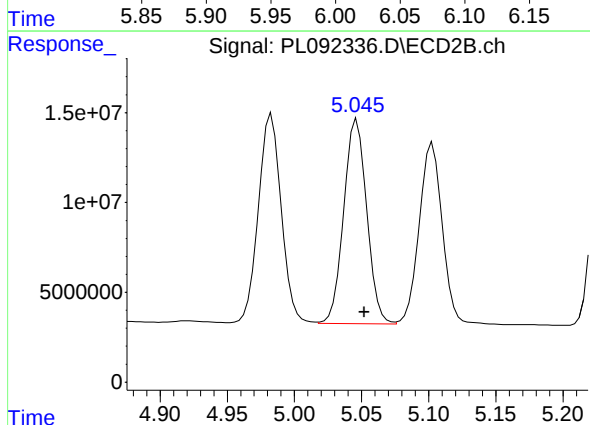
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 112227210
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

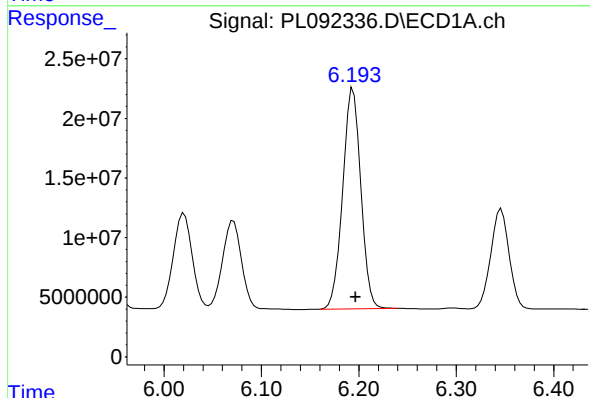
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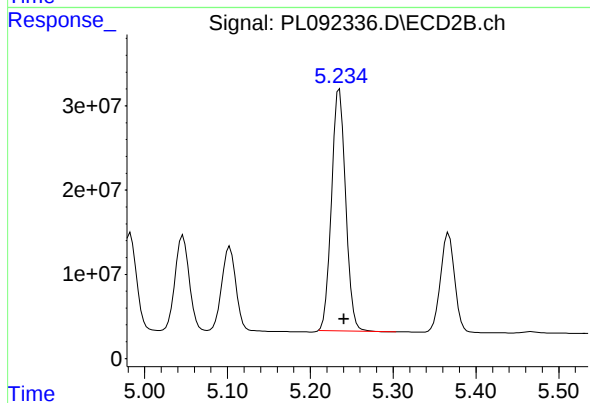
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.006 min
Response: 136331335
Conc: 45.54 ng/ml



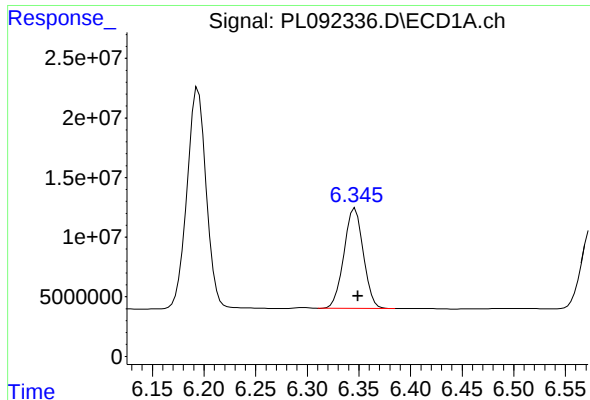
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 238783838
Conc: 110.32 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: -0.006 min
Response: 341241183
Conc: 122.80 ng/ml



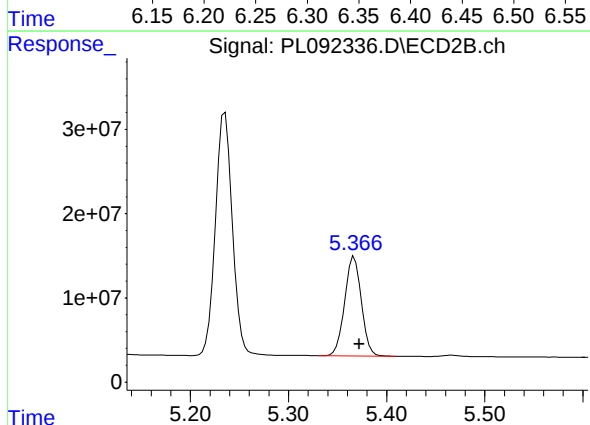
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 109565434
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

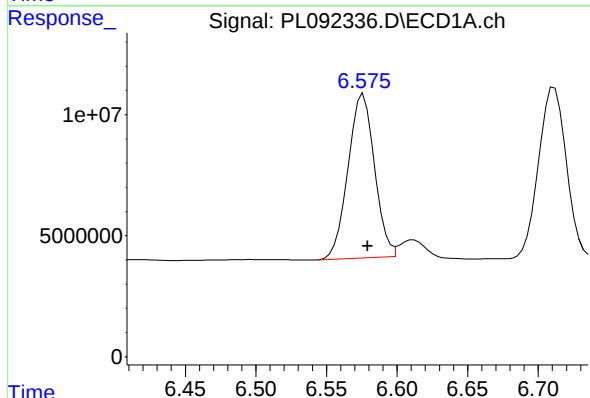
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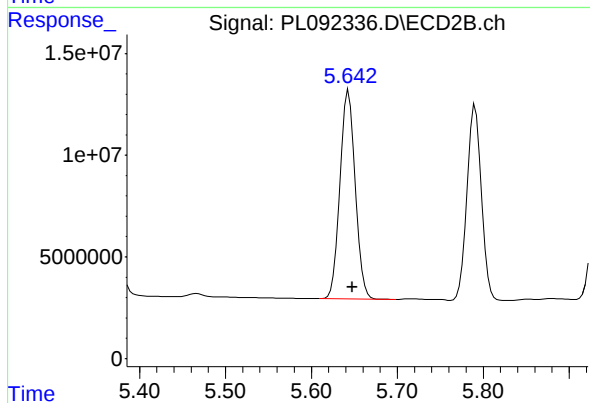
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 139619025
Conc: 47.62 ng/ml



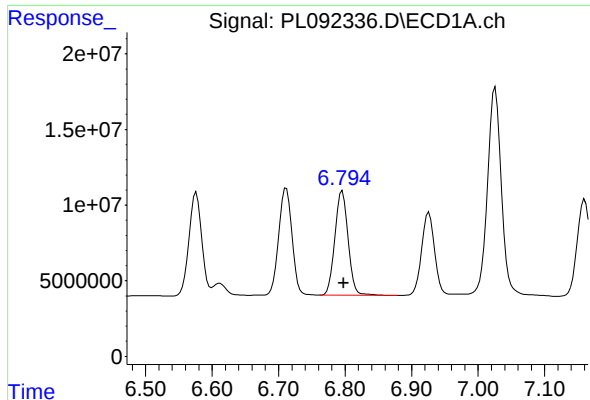
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 89466843
Conc: 43.42 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 126566658
Conc: 48.27 ng/ml



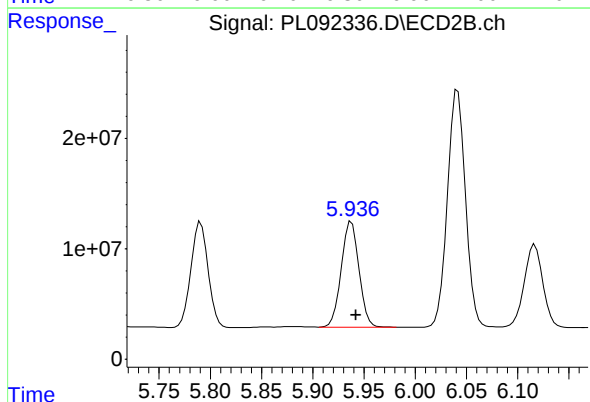
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 94635331
Conc: 43.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

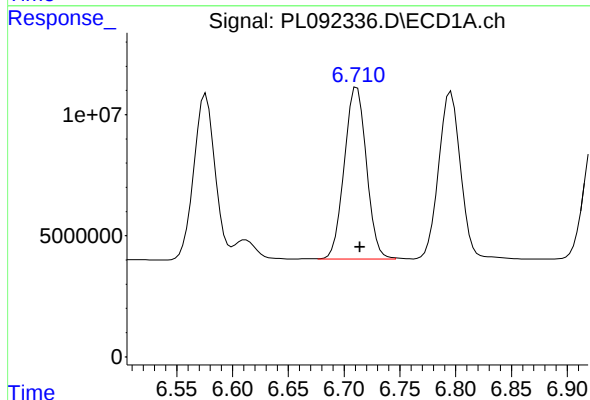
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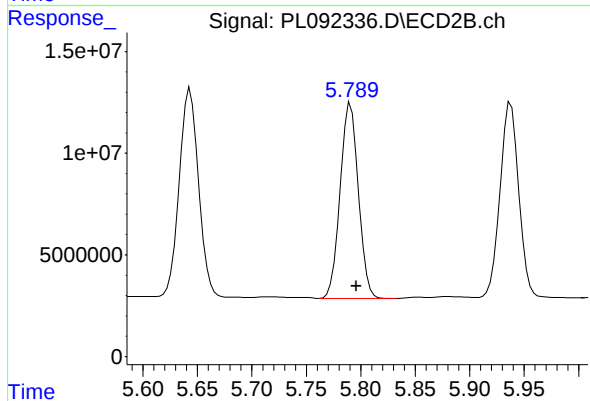
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 114530452
Conc: 45.77 ng/ml



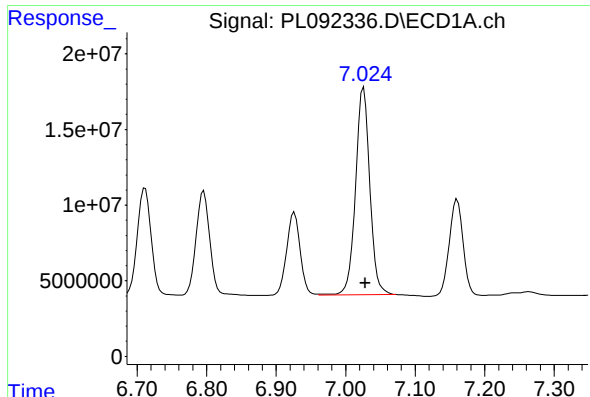
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 98343576
Conc: 54.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 111347334
Conc: 52.12 ng/ml



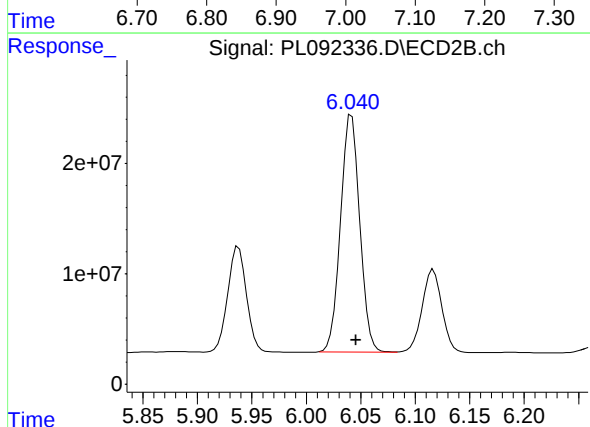
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 194567660
Conc: 105.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
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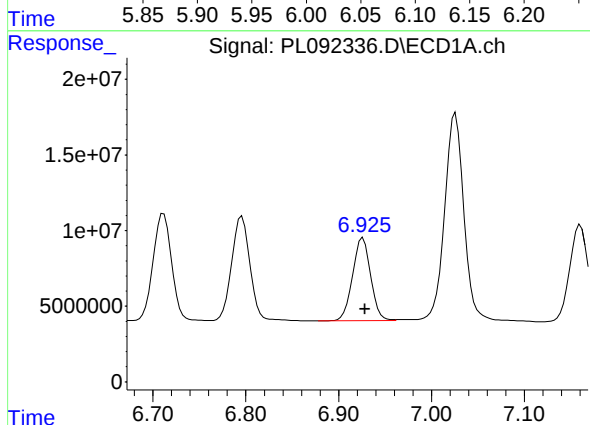
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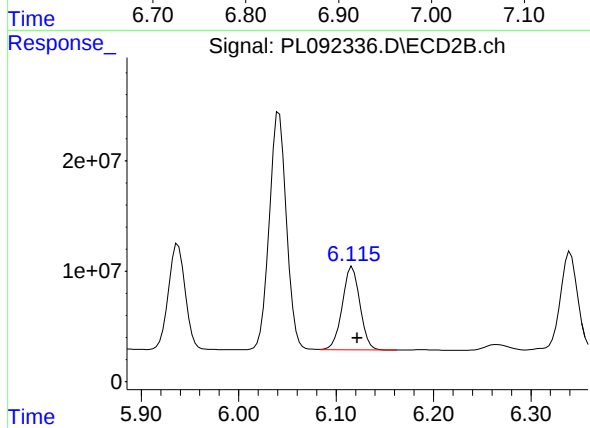
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 263457050
Conc: 113.89 ng/ml



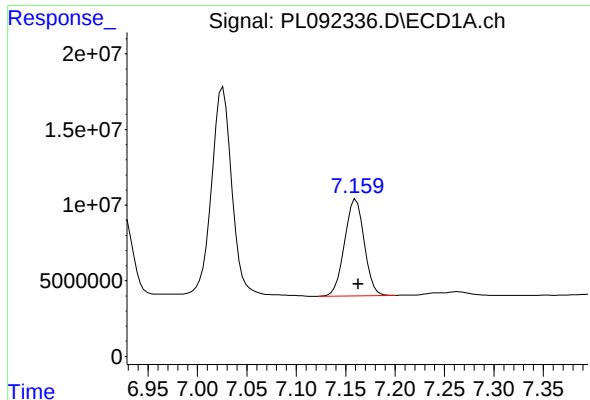
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 73648375
Conc: 42.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 94861372
Conc: 46.48 ng/ml



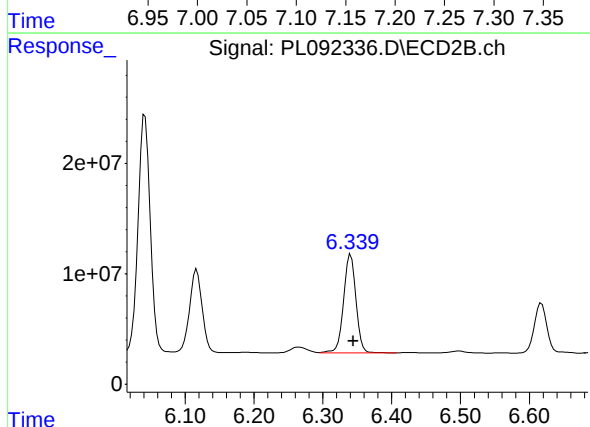
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 88123965
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

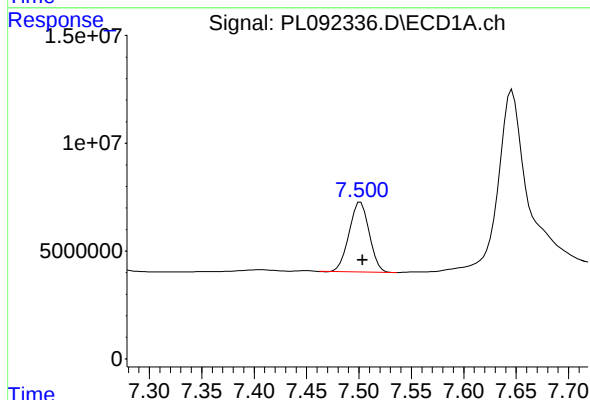
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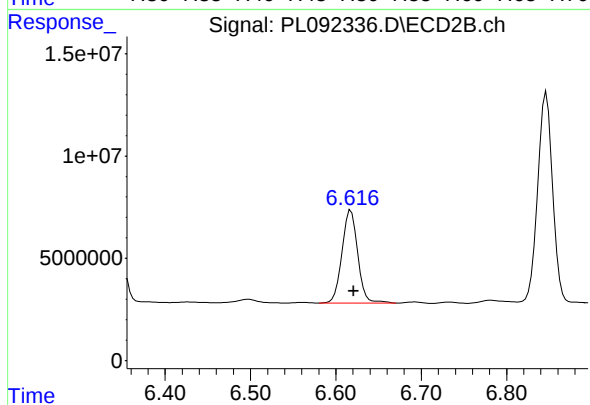
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 111086979
Conc: 46.05 ng/ml



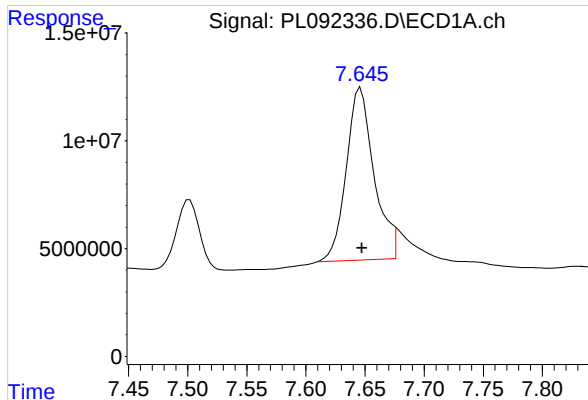
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 43617495
Conc: 44.43 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 58138848
Conc: 46.50 ng/ml



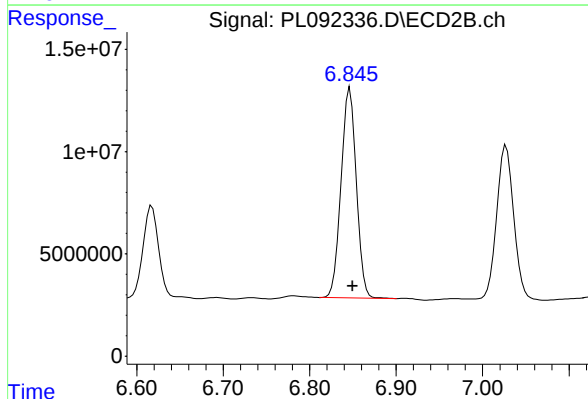
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 133173016
Conc: 60.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

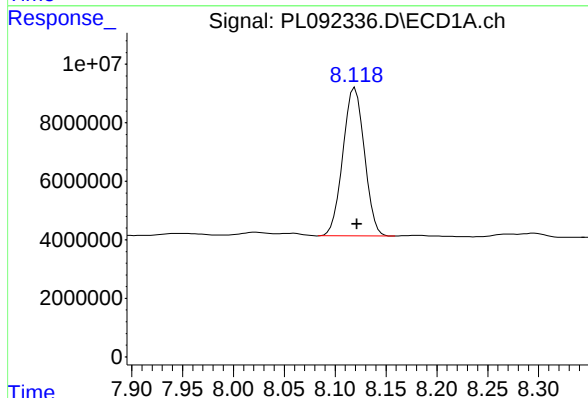
Manual Integrations
APPROVED

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



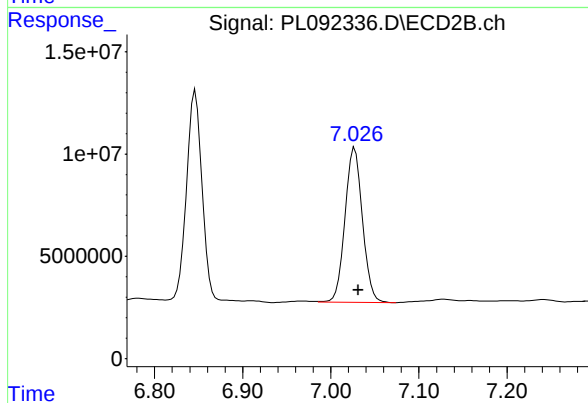
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 124452261
Conc: 44.95 ng/ml



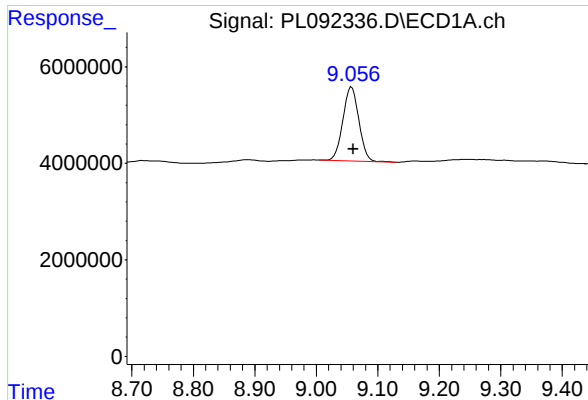
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 74568357
Conc: 41.40 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 104118012
Conc: 42.80 ng/ml



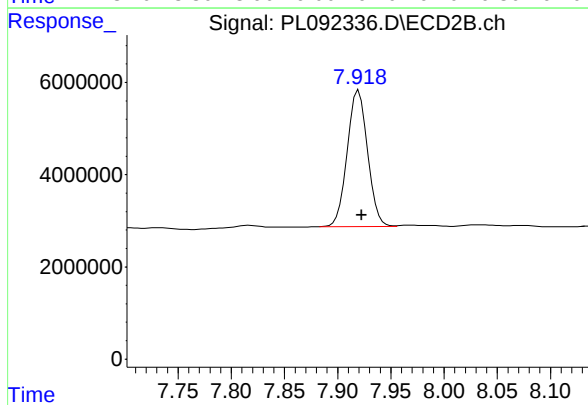
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.003 min
Response: 27693861
Conc: 16.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-2MS

Manual Integrations
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Supervised By :Ankita Jodhani 10/14/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 39186066
Conc: 15.66 ng/ml