

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
 Data File : PL092299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2024 18:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:44:18 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	2.779	105.7E6	118.6E6	47.493	47.301
28) SA Decachlor...	9.058	7.919	81885937	121.6E6	49.984	48.592
Target Compounds						
2) A alpha-BHC	3.996	3.281	147.6E6	174.6E6	47.652	47.930
3) MA gamma-BHC...	4.328	3.611	144.1E6	169.2E6	46.491	47.909
4) MA Heptachlor	4.917	3.951	133.2E6	166.6E6	48.154	48.291
5) MB Aldrin	5.259	4.231	130.6E6	164.5E6	47.017	48.358
6) B beta-BHC	4.525	3.911	62766059	71538516	47.321	47.594
7) B delta-BHC	4.773	4.140	139.5E6	171.2E6	48.357	49.318
8) B Heptachlo...	5.686	4.732	121.8E6	145.7E6	47.866	48.188m
9) A Endosulfan I	6.071	5.103	110.4E6	138.5E6	47.731	50.480
10) B gamma-Chl...	5.941	4.983	119.6E6	148.0E6	48.415	49.189
11) B alpha-Chl...	6.019	5.047	115.2E6	146.9E6	46.762m	49.070
12) B 4,4'-DDE	6.194	5.236	104.1E6	139.8E6	48.116	50.311
13) MA Dieldrin	6.346	5.368	115.8E6	143.9E6	47.470	49.093
14) MA Endrin	6.576	5.643	97272263	129.1E6	47.204	49.238
15) B Endosulfa...	6.795	5.938	103.8E6	125.6E6	47.203	50.180
16) A 4,4'-DDD	6.711	5.791	87499381	109.0E6	48.727	51.048
17) MA 4,4'-DDT	7.025	6.041	89840439	116.0E6	48.794	50.160
18) B Endrin al...	6.925	6.117	83566654	99643961	47.951	48.828
19) B Endosulfa...	7.161	6.340	95254670	119.6E6	48.053	49.572
20) A Methoxychlor	7.501	6.617	52203329	63463933	53.176	50.757
21) B Endrin ke...	7.645	6.846	107.1E6	136.1E6	48.756	49.166
22) Mirex	8.119	7.027	85042167	117.7E6	47.220	48.394

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
Data File : PL092299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2024 18:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

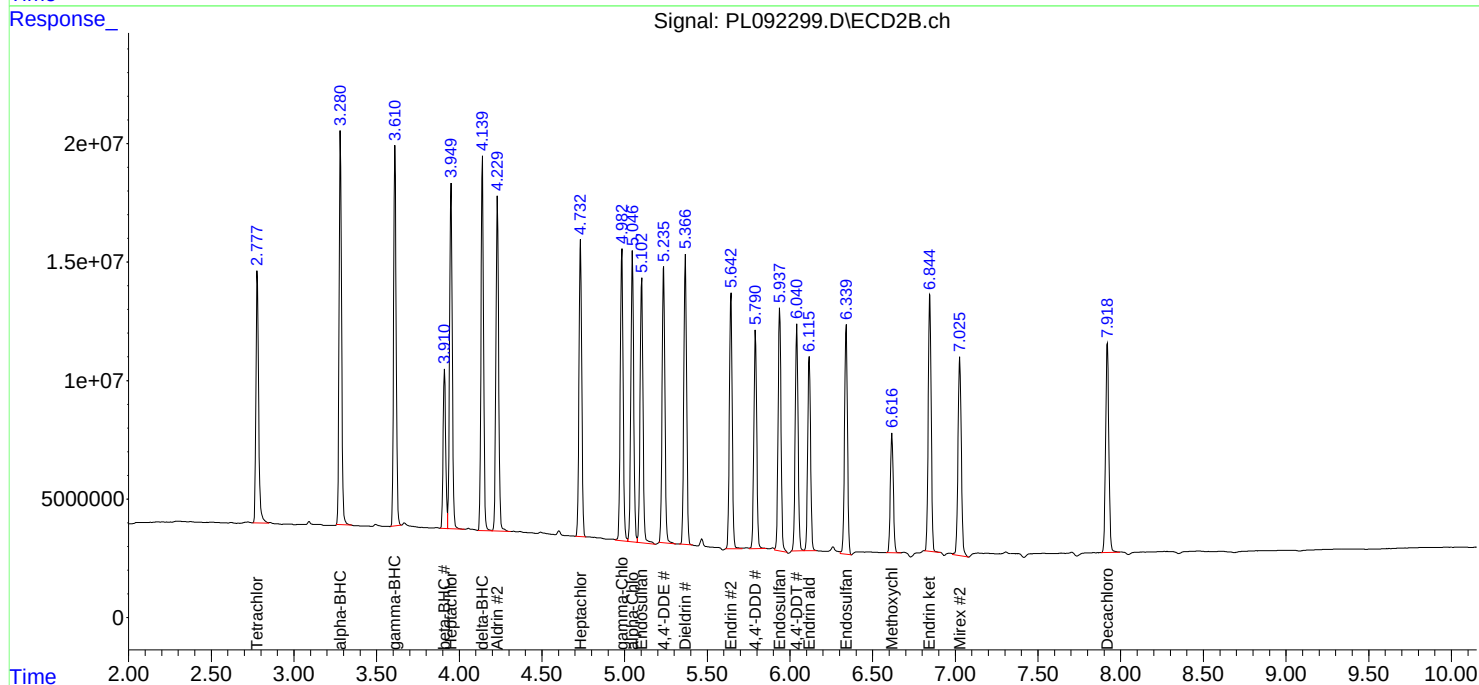
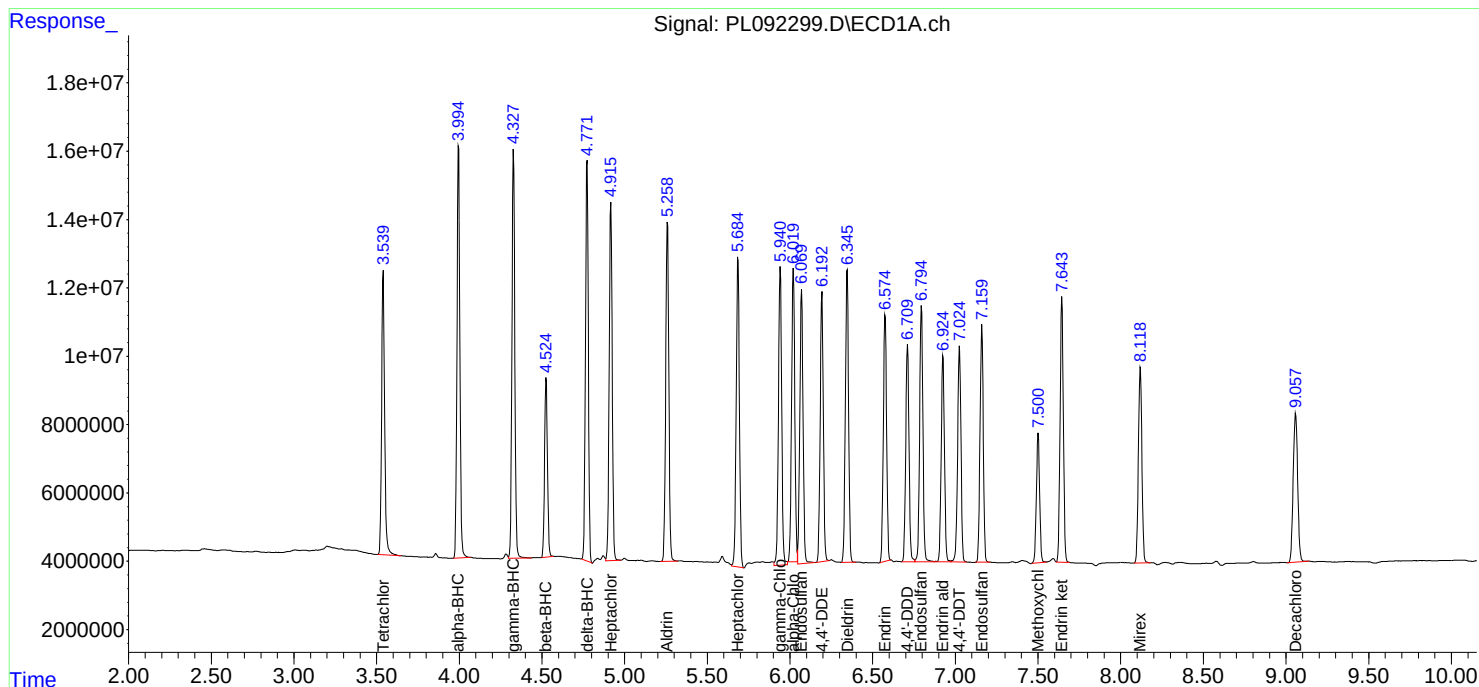
APPROVED

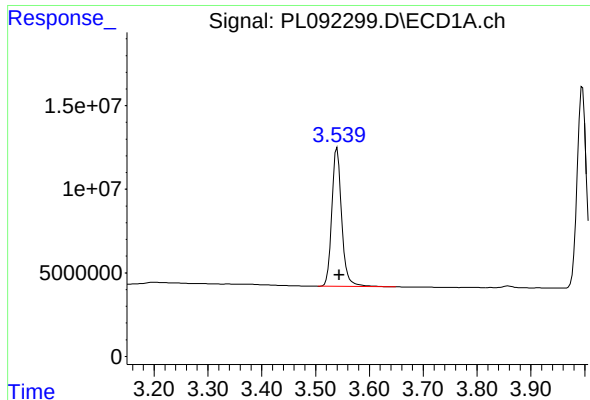
Reviewed By :Abdul Mirza 10/10/2024

Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:44:18 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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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





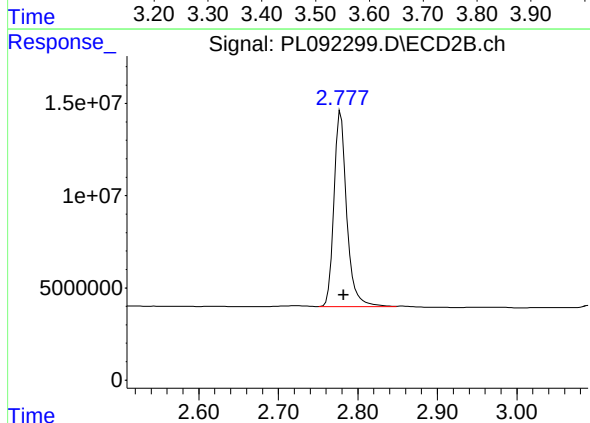
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 105656560
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

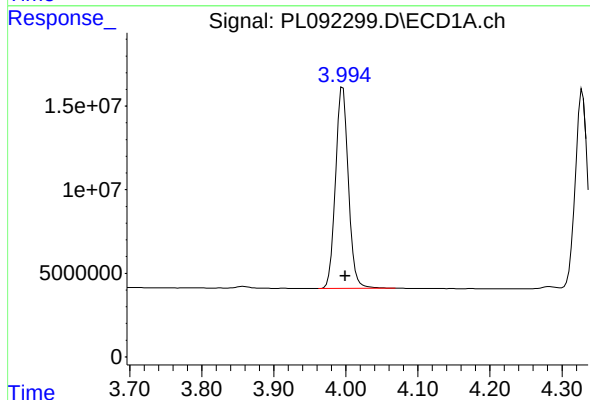
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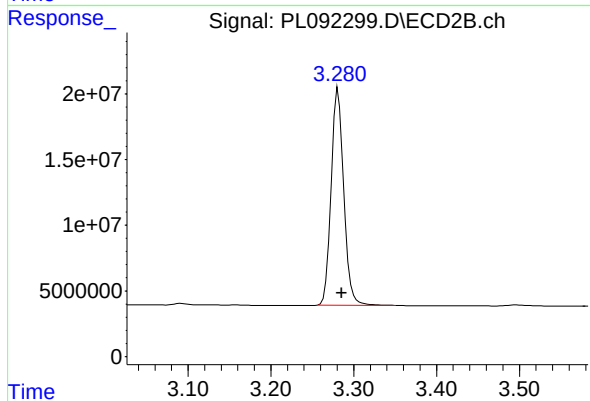
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: -0.004 min
Response: 118634567
Conc: 47.30 ng/ml



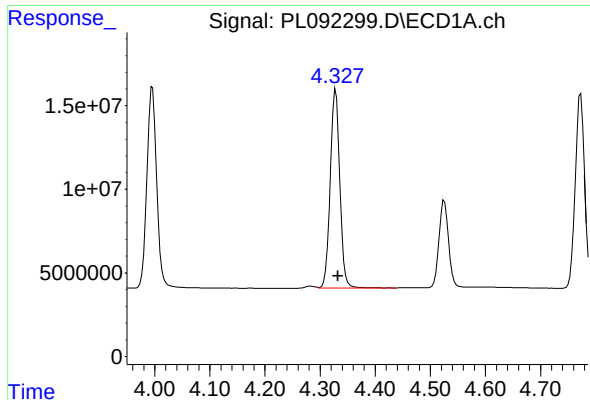
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 147555025
Conc: 47.65 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.004 min
Response: 174624377
Conc: 47.93 ng/ml



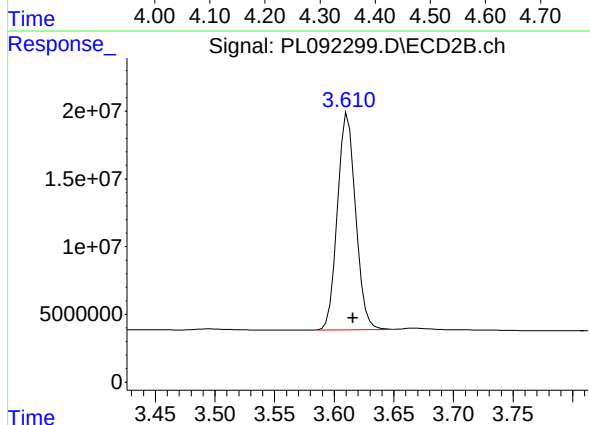
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 144064985
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

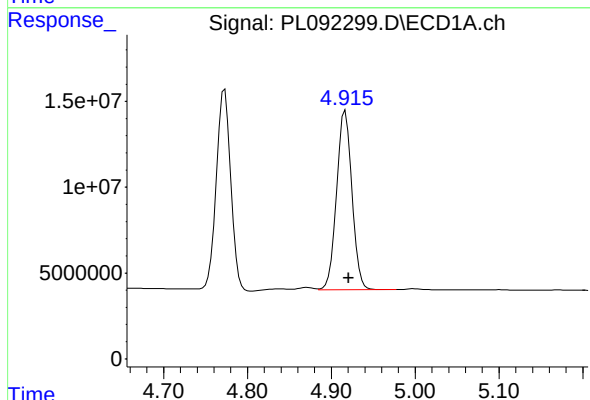
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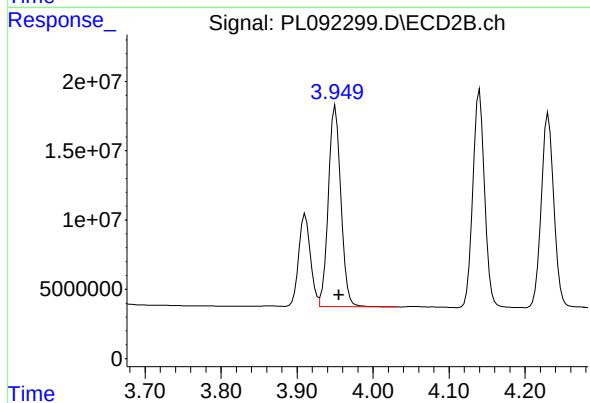
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.004 min
Response: 169165229
Conc: 47.91 ng/ml



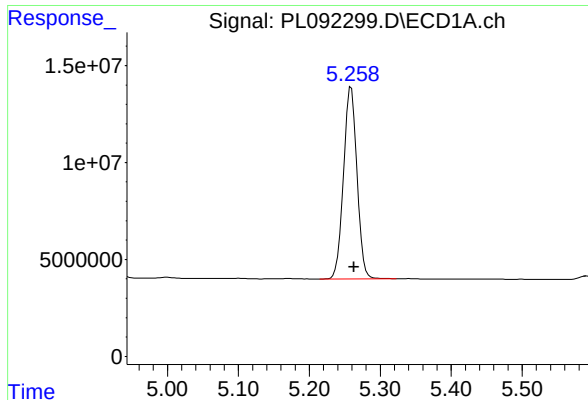
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.004 min
Response: 133168260
Conc: 48.15 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: -0.005 min
Response: 166633835
Conc: 48.29 ng/ml



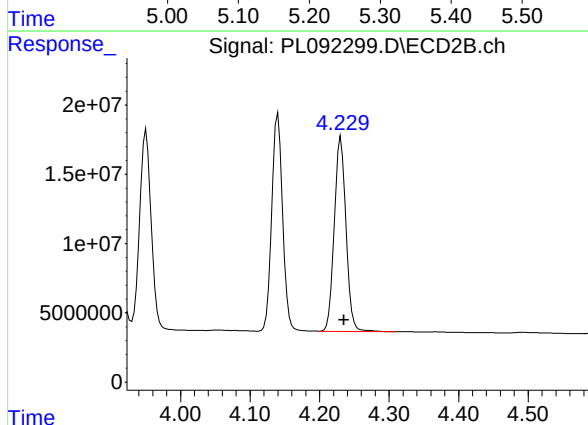
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 130593413
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

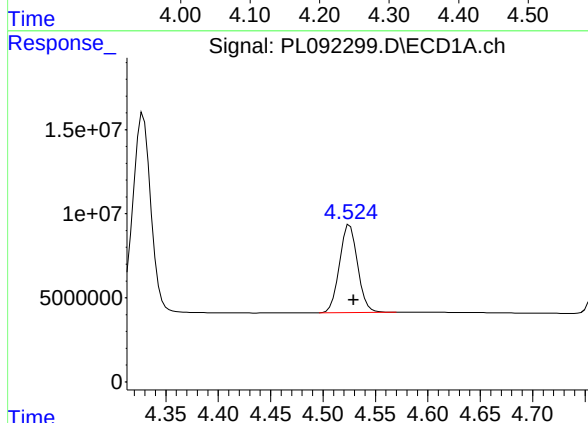
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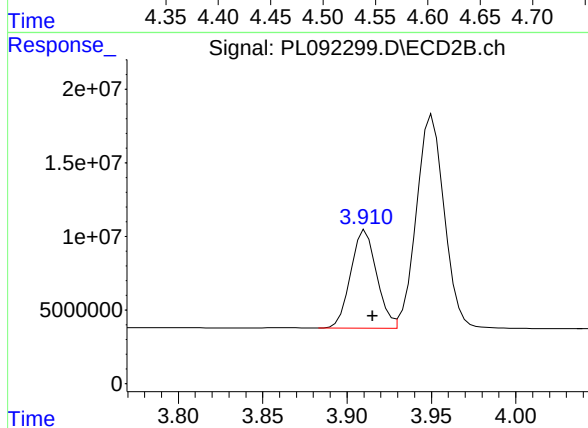
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.005 min
Response: 164469719
Conc: 48.36 ng/ml



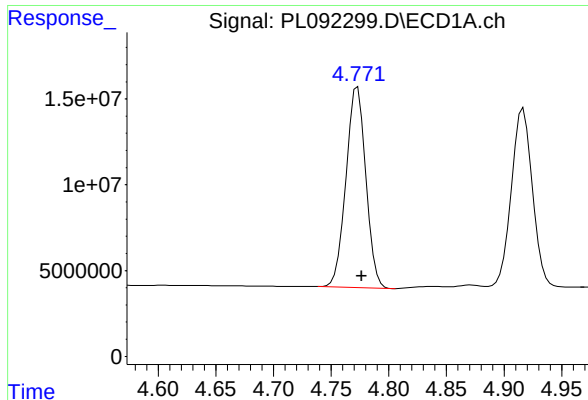
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 62766059
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 71538516
Conc: 47.59 ng/ml



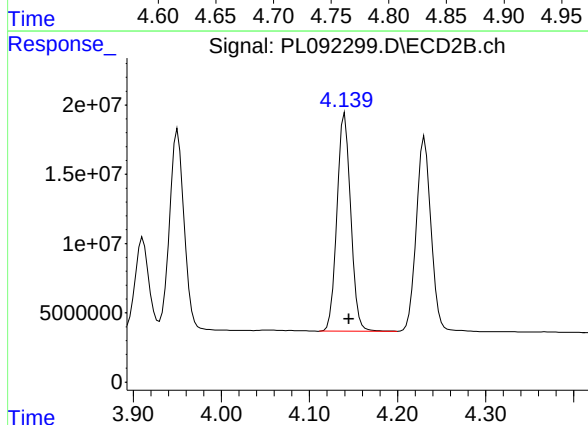
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.004 min
Response: 139472555
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

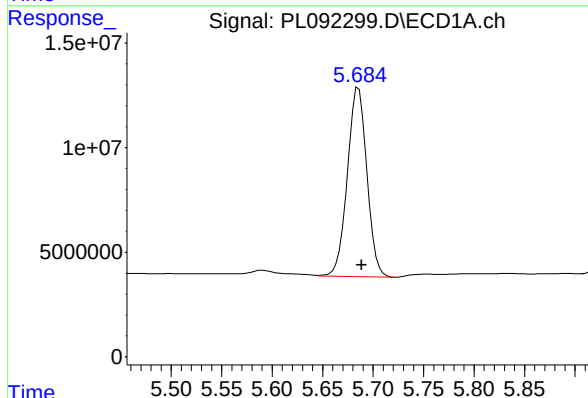
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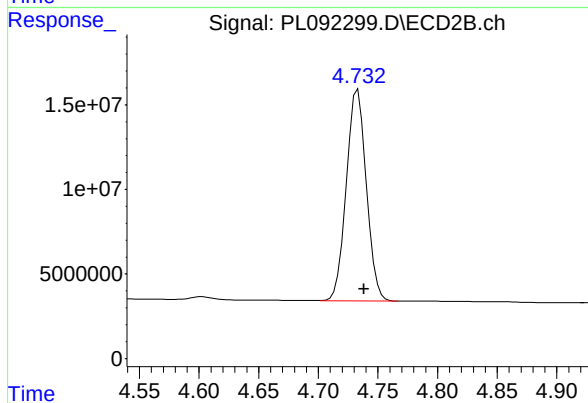
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 171216677
Conc: 49.32 ng/ml



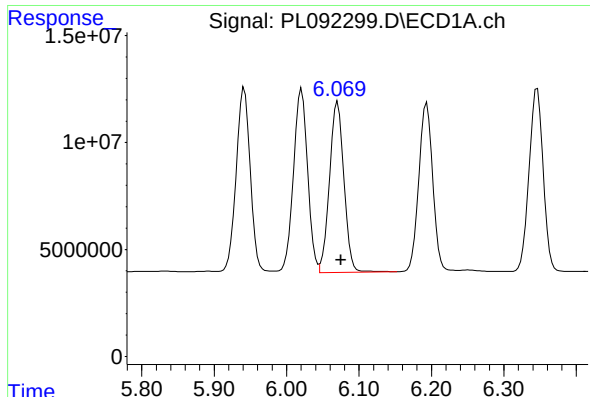
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 121819576
Conc: 47.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 145666701
Conc: 48.19 ng/ml m



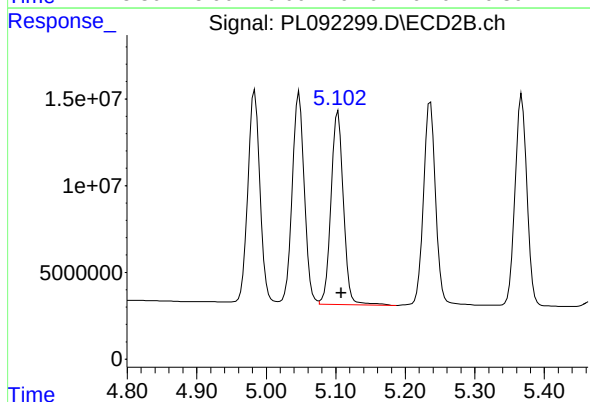
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 110421520
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

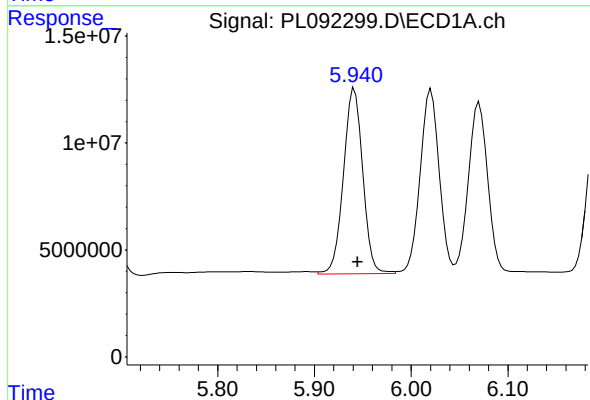
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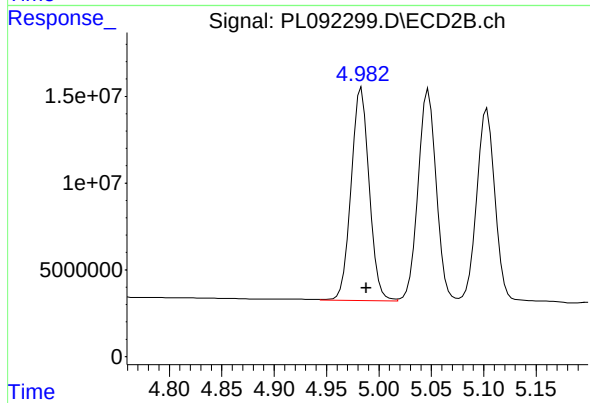
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.005 min
Response: 138549694
Conc: 50.48 ng/ml



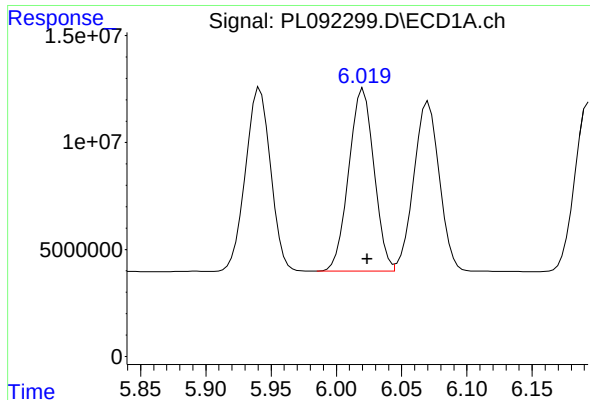
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 119642341
Conc: 48.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 147989087
Conc: 49.19 ng/ml



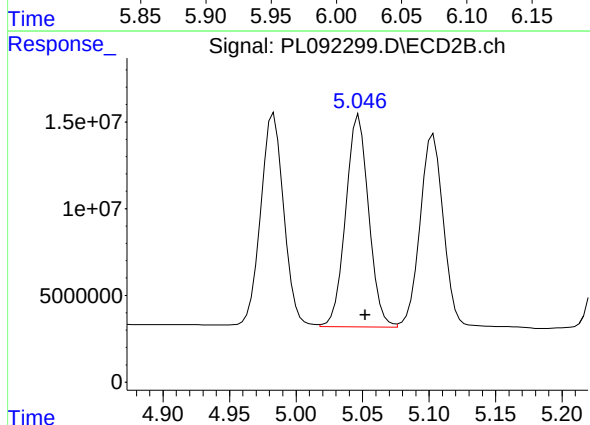
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 115190950
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

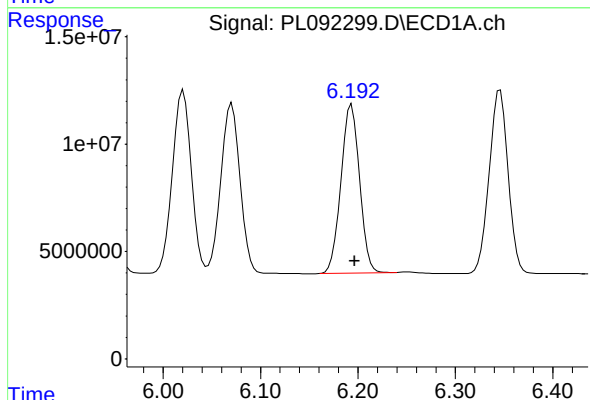
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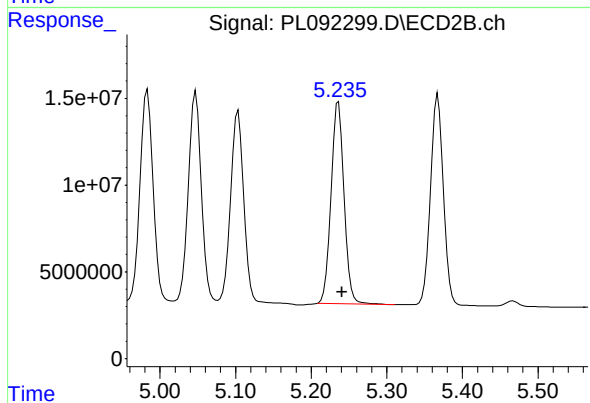
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 146893808
Conc: 49.07 ng/ml



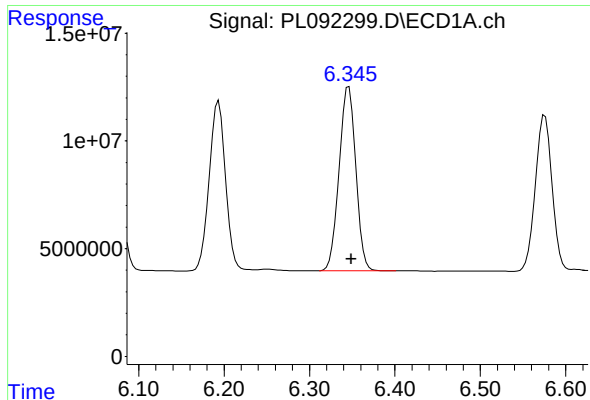
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 104143866
Conc: 48.12 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 139805833
Conc: 50.31 ng/ml



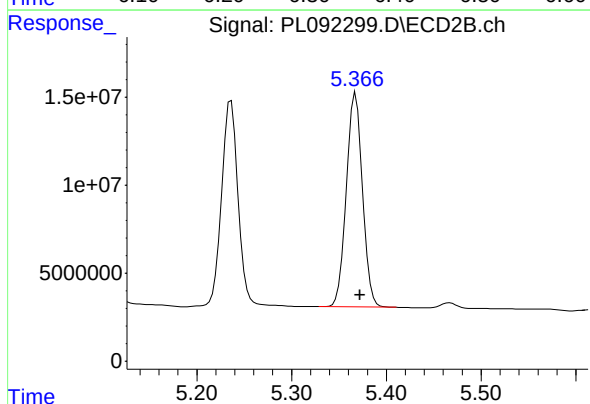
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 115773868
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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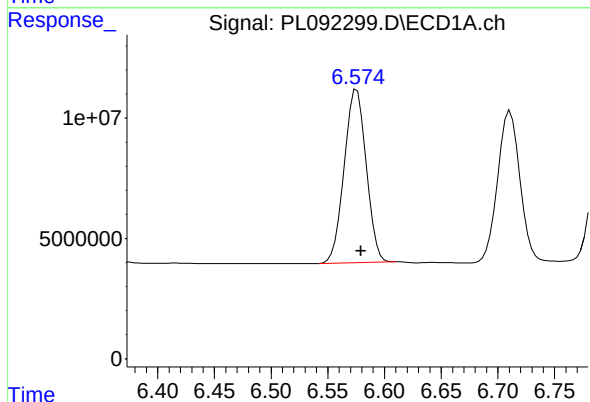
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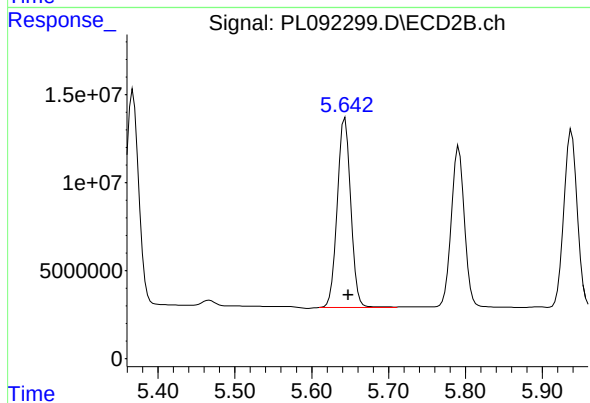
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 143931814
Conc: 49.09 ng/ml



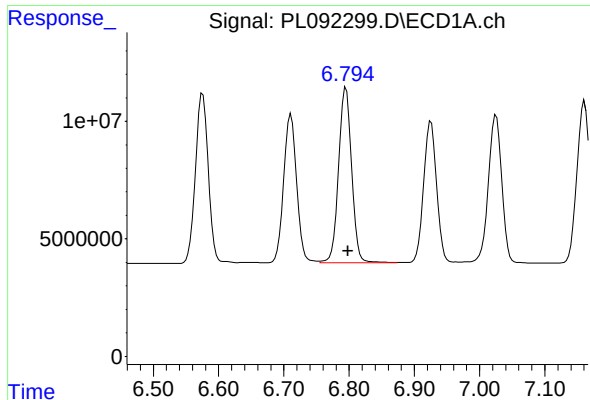
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 97272263
Conc: 47.20 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 129110345
Conc: 49.24 ng/ml



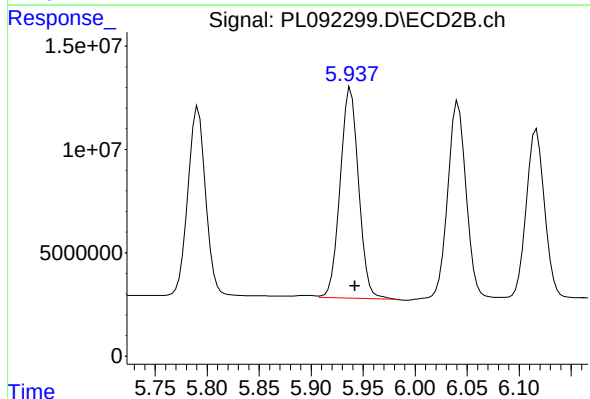
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 103833216
Conc: 47.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

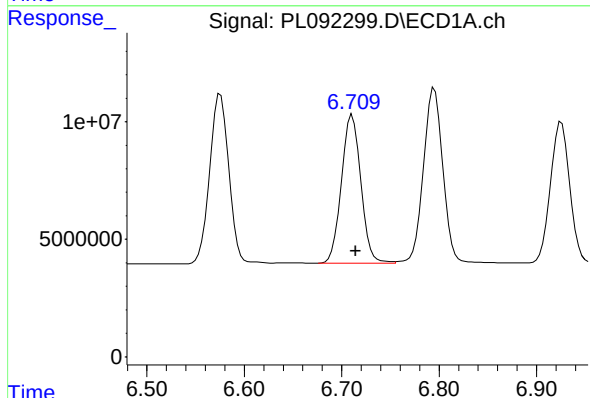
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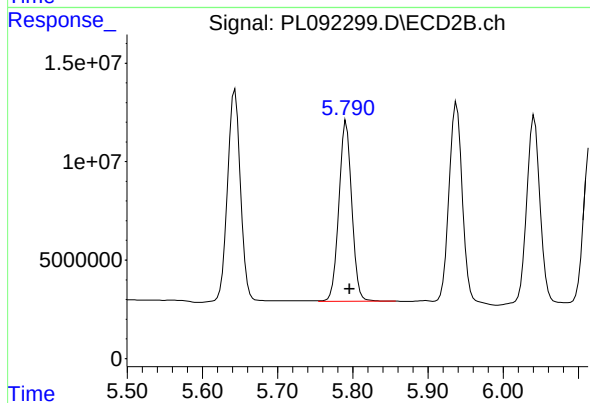
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 125571564
Conc: 50.18 ng/ml



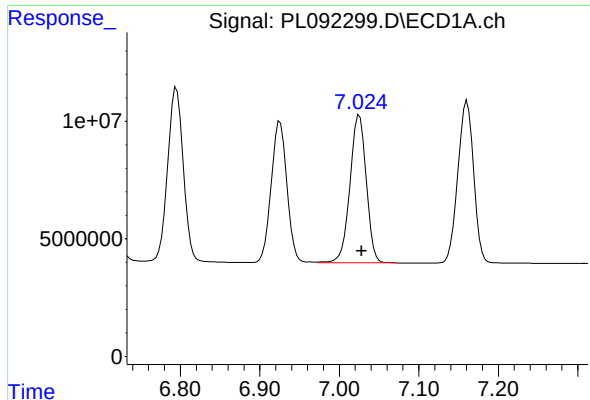
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 87499381
Conc: 48.73 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 109048725
Conc: 51.05 ng/ml



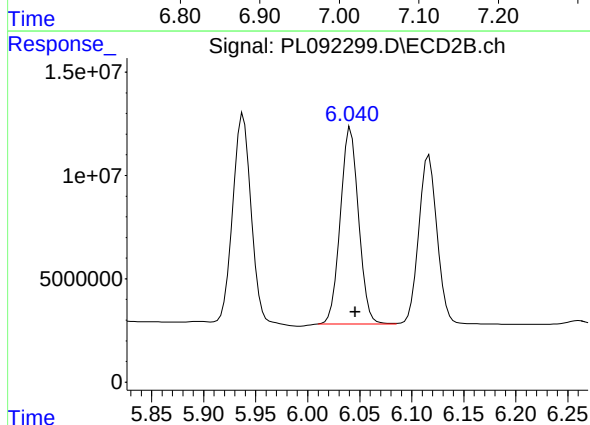
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.003 min
Response: 89840439
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

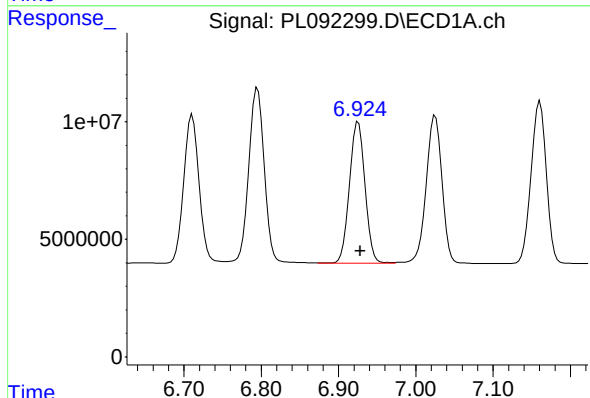
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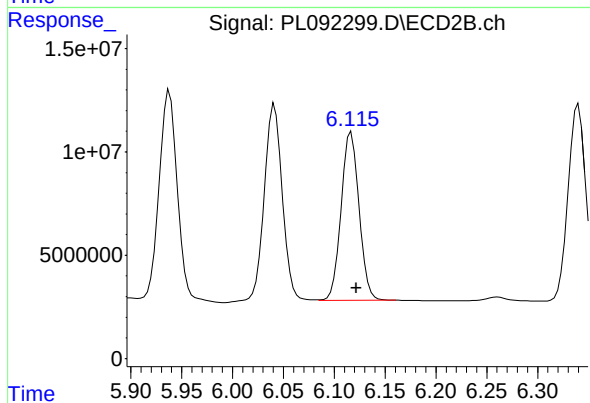
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 116028079
Conc: 50.16 ng/ml



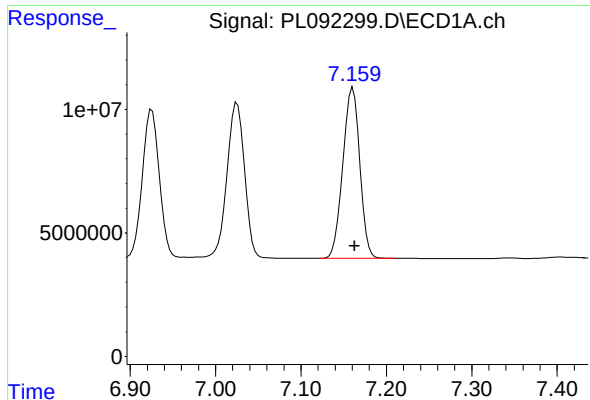
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 83566654
Conc: 47.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 99643961
Conc: 48.83 ng/ml



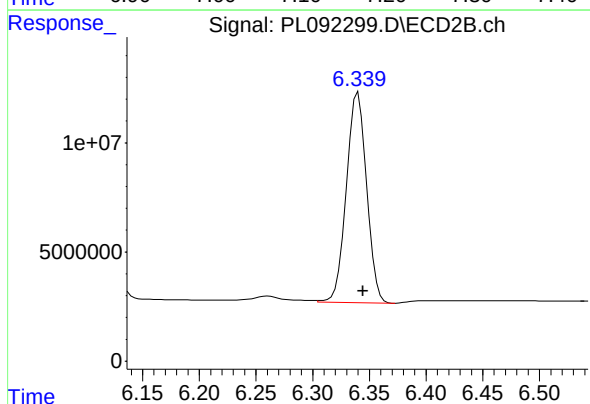
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 95254670
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

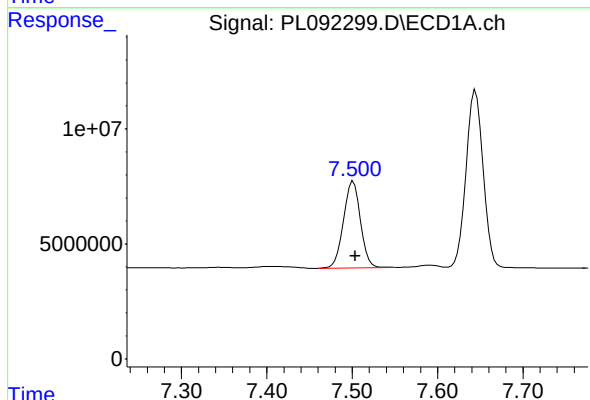
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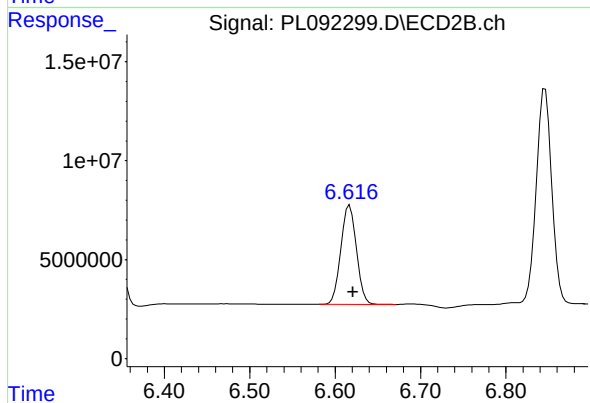
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 119593502
Conc: 49.57 ng/ml



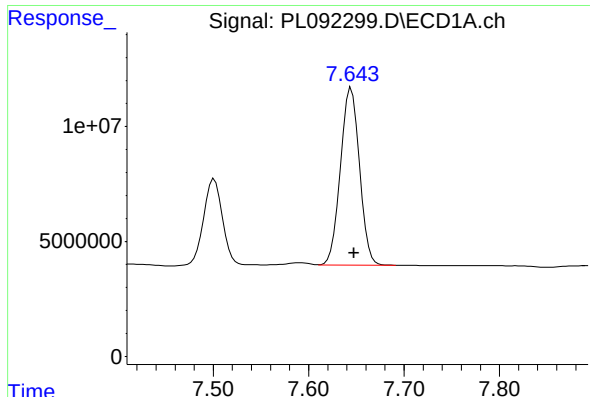
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 52203329
Conc: 53.18 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 63463933
Conc: 50.76 ng/ml



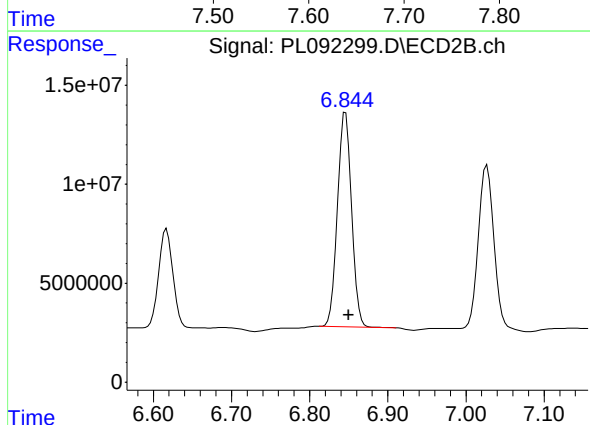
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 107143608
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

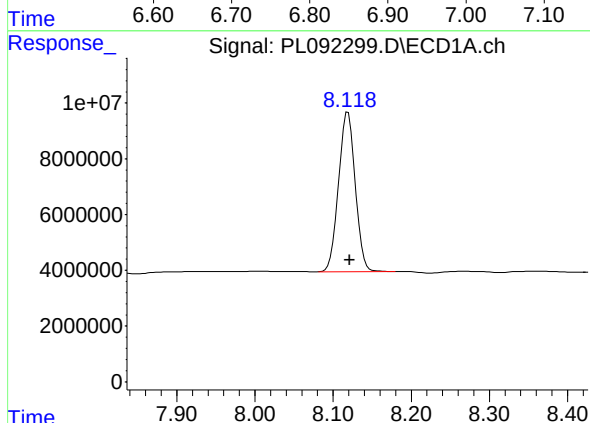
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Reviewed By :Abdul Mirza 10/10/2024
Supervised By :Ankita Jodhani 10/10/2024



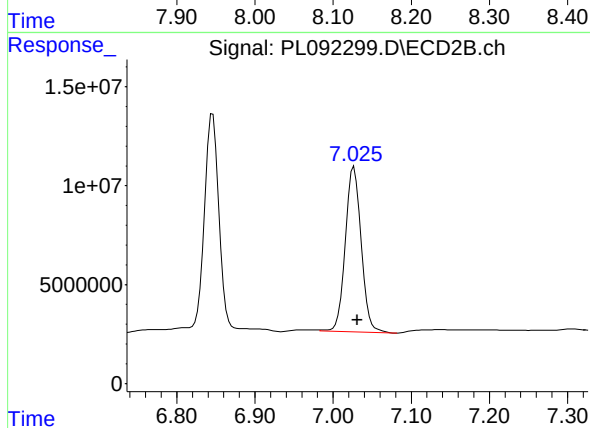
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 136137988
Conc: 49.17 ng/ml



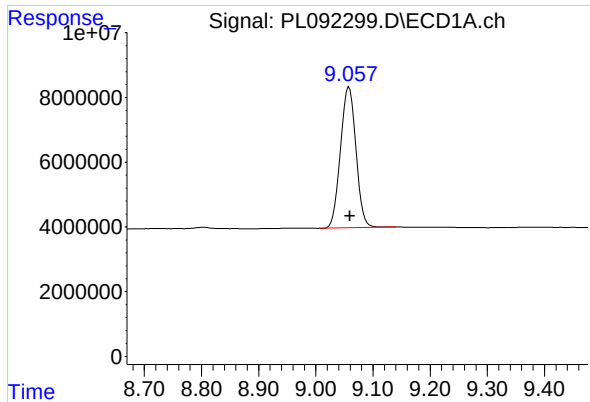
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 85042167
Conc: 47.22 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 117725852
Conc: 48.39 ng/ml



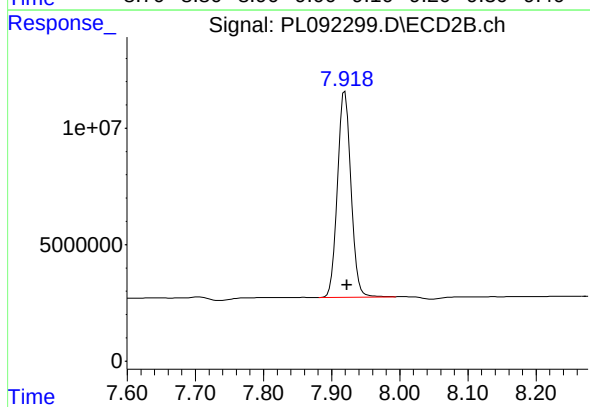
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 81885937
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 121573571
Conc: 48.59 ng/ml