

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
 Data File : PL092603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2024 13:22
 Operator : AR\AJ
 Sample : PB164360BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164360BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 02:14:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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	2.777	54296640	58222012	20.156	20.962m
28) SA Decachlor...	9.057	7.918	43374023	61507408	21.354	23.343
Target Compounds						
2) A alpha-BHC	3.996	3.281	202.0E6	246.4E6	49.017	57.096
3) MA gamma-BHC...	4.327	3.612	193.4E6	237.2E6	50.275m	57.605
4) MA Heptachlor	4.917	3.951	178.2E6	239.9E6	50.268	59.734
5) MB Aldrin	5.259	4.231	175.6E6	230.6E6	47.743	58.009
6) B beta-BHC	4.526	3.910	84114892	99008778	54.186	56.708m
7) B delta-BHC	4.774	4.140	187.0E6	240.9E6	49.715	57.263
8) B Heptachlo...	5.686	4.733	161.4E6	211.6E6	48.613	60.043
9) A Endosulfan I	6.071	5.103	144.9E6	191.9E6	48.004	60.286 #
10) B gamma-Chl...	5.942	4.983	157.8E6	212.5E6	47.852	57.755
11) B alpha-Chl...	6.021	5.047	154.8E6	207.7E6	47.545	58.453
12) B 4,4'-DDE	6.194	5.236	140.8E6	206.2E6	47.457	59.286
13) MA Dieldrin	6.346	5.367	155.4E6	211.2E6	47.778	57.797
14) MA Endrin	6.576	5.643	133.1E6	186.6E6	47.125	56.992
15) B Endosulfa...	6.796	5.938	137.6E6	176.1E6	48.625	56.344
16) A 4,4'-DDD	6.711	5.791	117.4E6	158.7E6	48.587	57.140
17) MA 4,4'-DDT	7.025	6.041	125.6E6	171.5E6	50.950	58.410
18) B Endrin al...	6.926	6.117	109.6E6	141.2E6	51.329	57.496
19) B Endosulfa...	7.160	6.339	125.2E6	164.9E6	49.566	55.787
20) A Methoxychlor	7.501	6.616	68237090	90263173	57.940	63.661
21) B Endrin ke...	7.645	6.845	140.9E6	184.1E6	51.236	57.326
22) Mirex	8.118	7.027	152.0E6	209.3E6	72.834	80.083

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:22
Operator : AR\AJ
Sample : PB164360BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164360BS

Manual Integrations

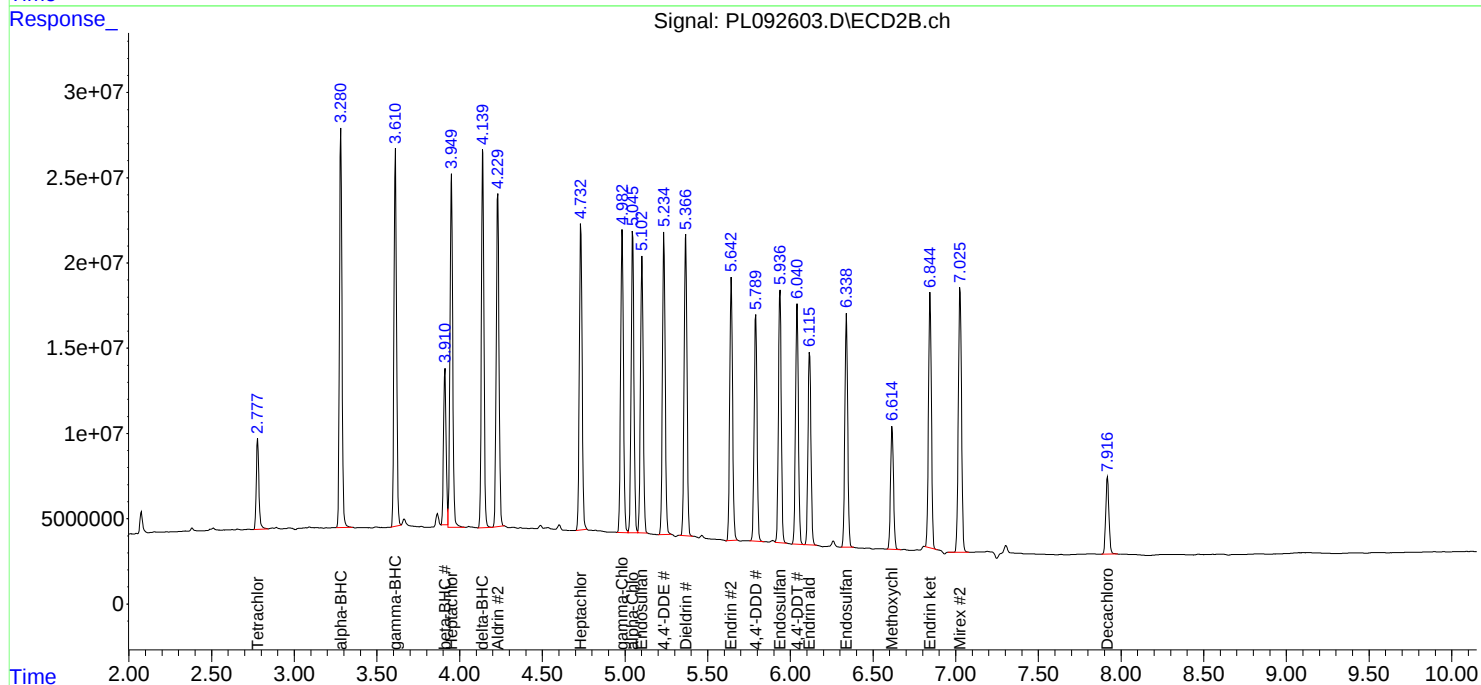
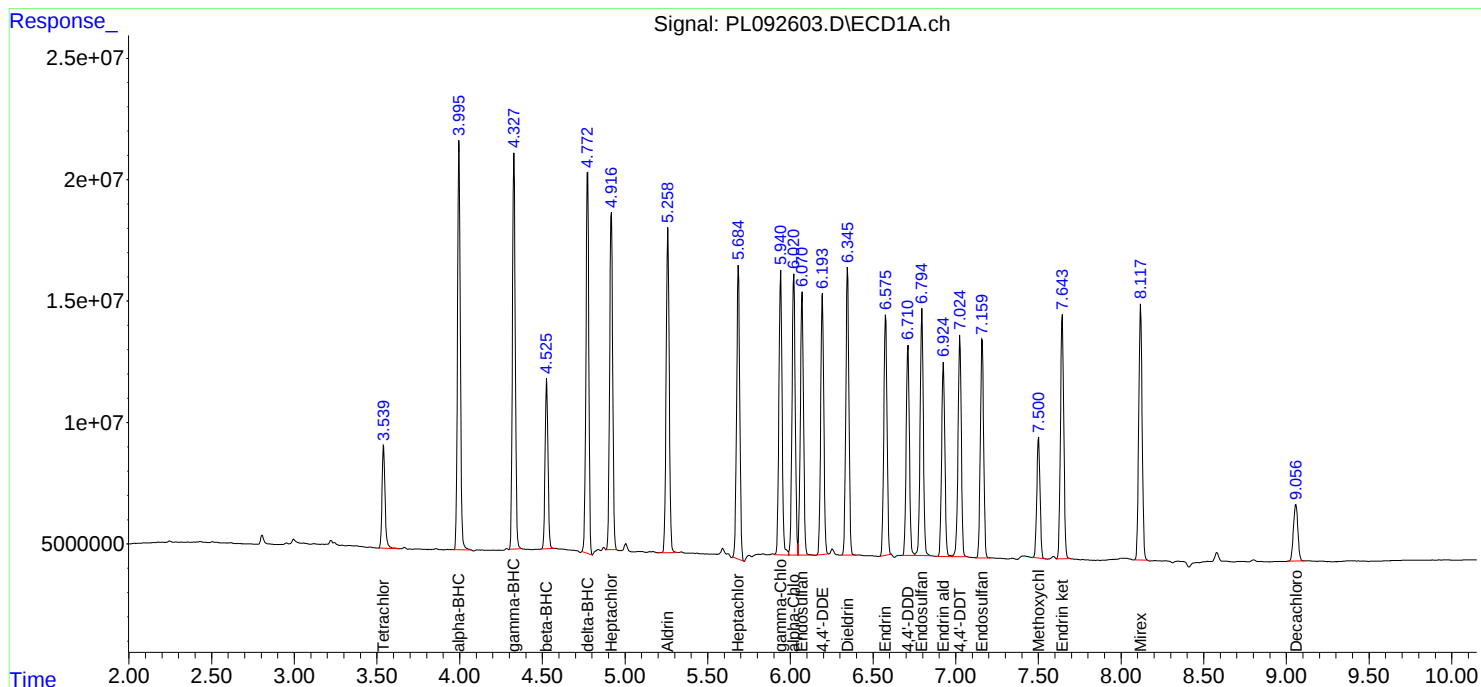
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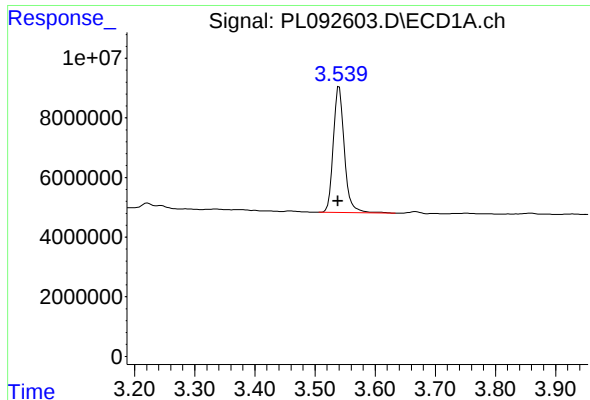
Reviewed By :Abdul Mirza 10/25/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:14:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 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





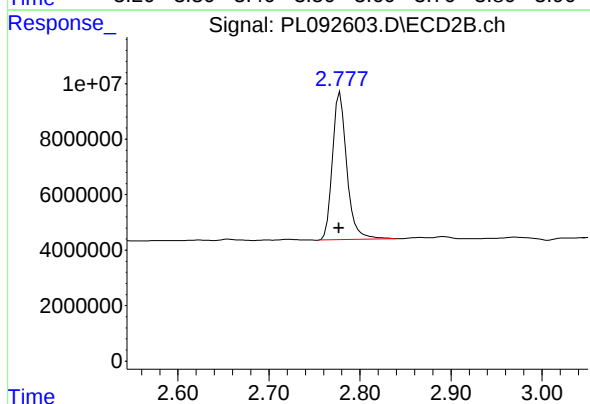
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 54296640
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

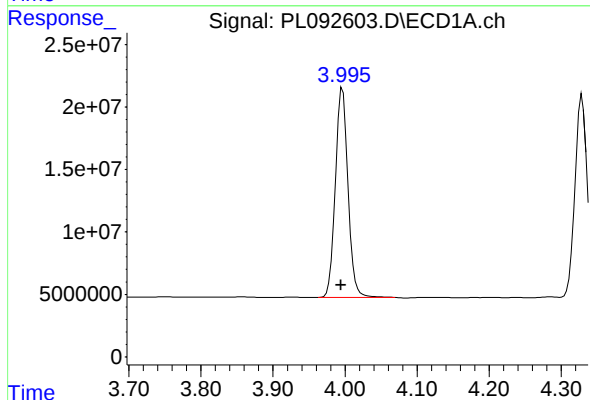
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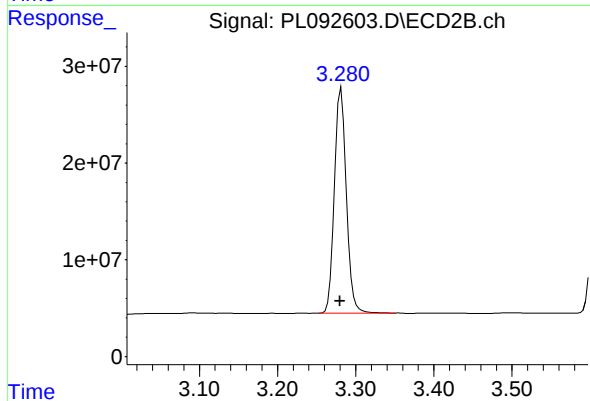
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 58222012
Conc: 20.96 ng/ml



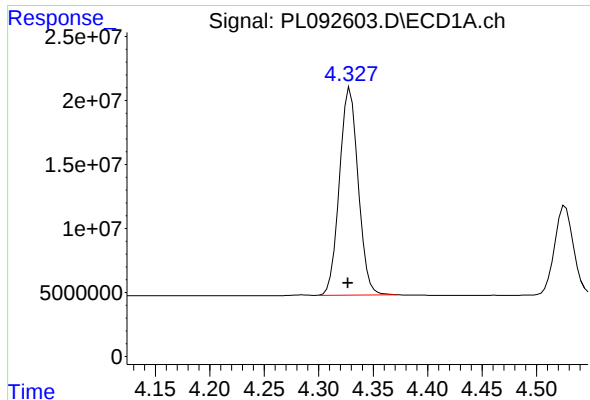
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 202009955
Conc: 49.02 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.002 min
Response: 246375037
Conc: 57.10 ng/ml



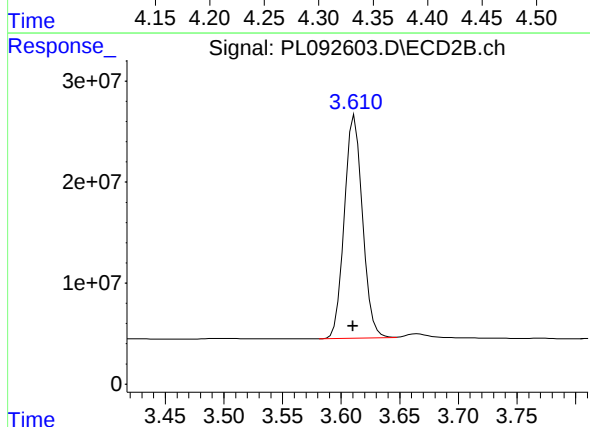
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 193398075
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

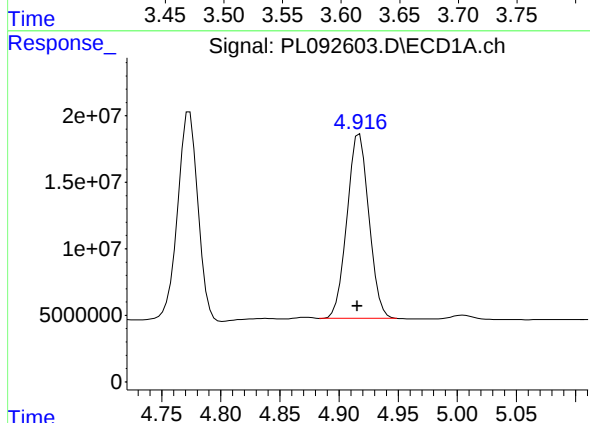
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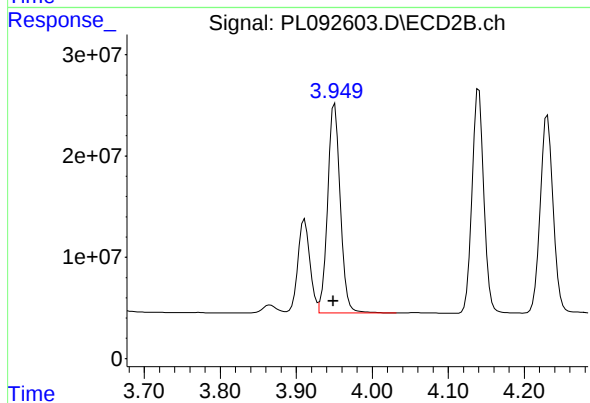
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.002 min
Response: 237220316
Conc: 57.61 ng/ml



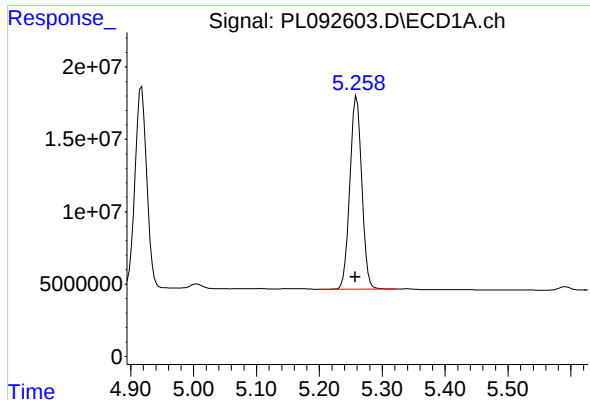
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.002 min
Response: 178235291
Conc: 50.27 ng/ml



#4 Heptachlor

R.T.: 3.951 min
Delta R.T.: 0.002 min
Response: 239878355
Conc: 59.73 ng/ml



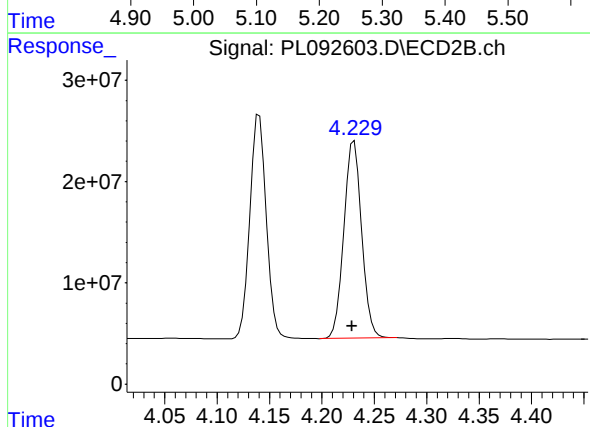
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.002 min
Response: 175628544
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

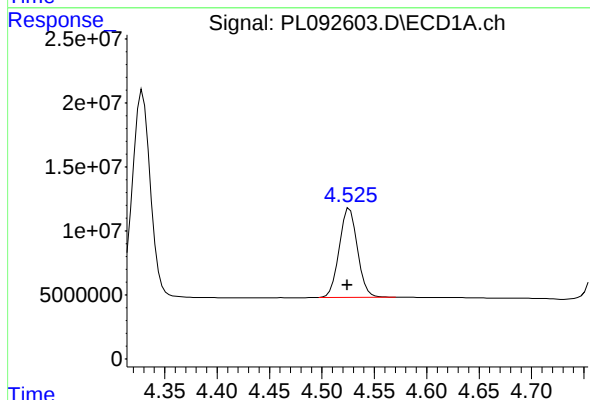
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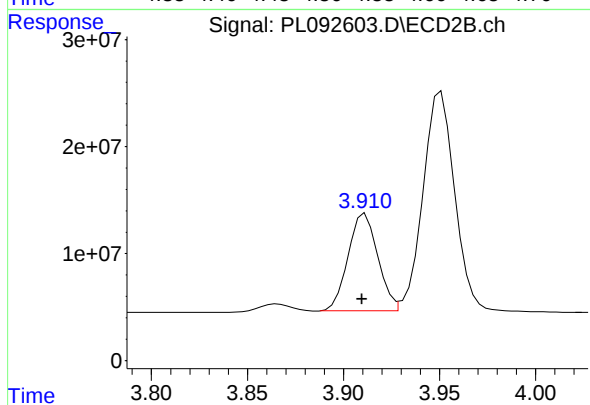
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.002 min
Response: 230615647
Conc: 58.01 ng/ml



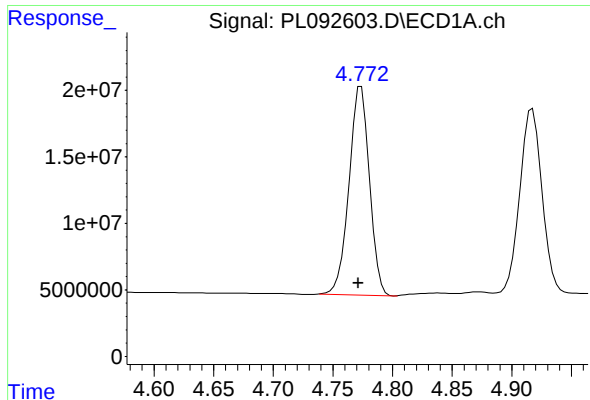
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.002 min
Response: 84114892
Conc: 54.19 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 99008778
Conc: 56.71 ng/ml m



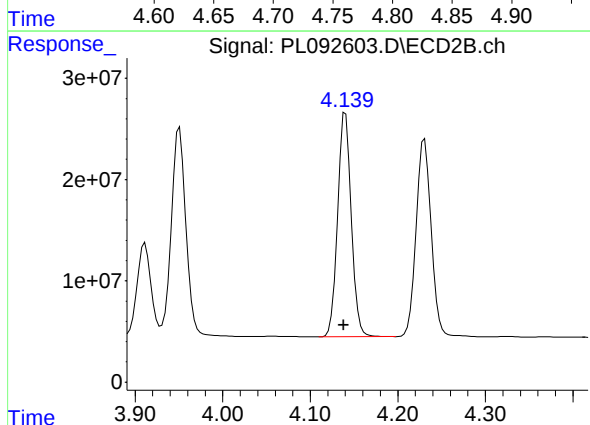
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 187030104
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

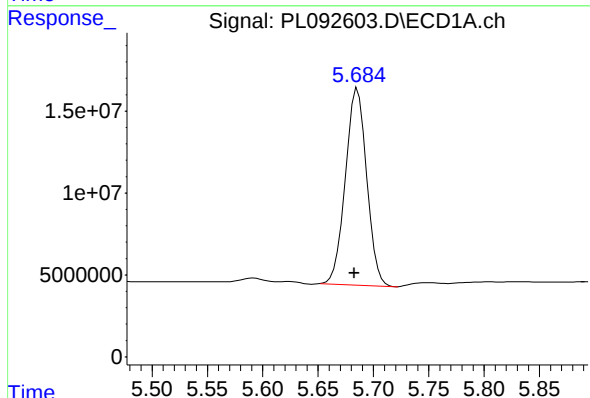
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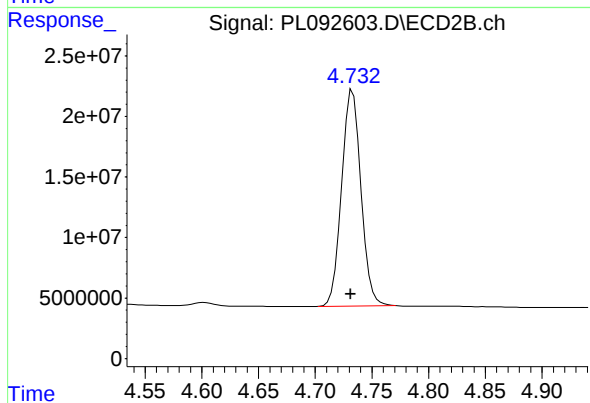
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.002 min
Response: 240864244
Conc: 57.26 ng/ml



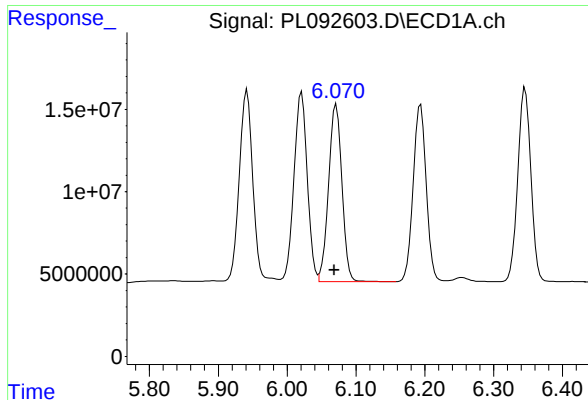
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 161430309
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 211562538
Conc: 60.04 ng/ml



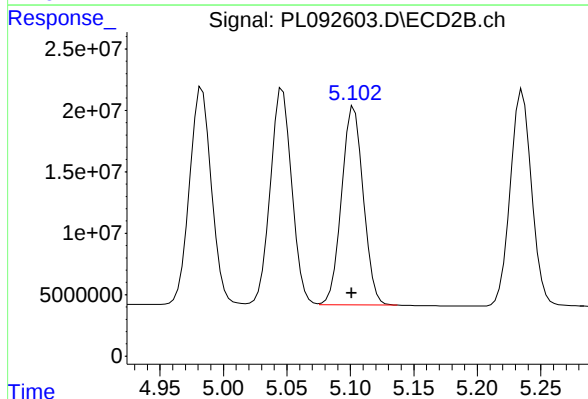
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.003 min
Response: 144944083
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

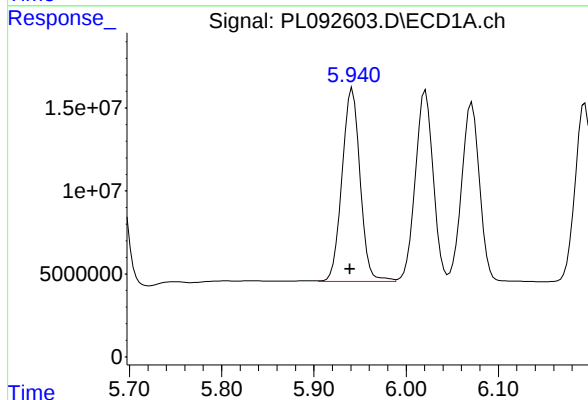
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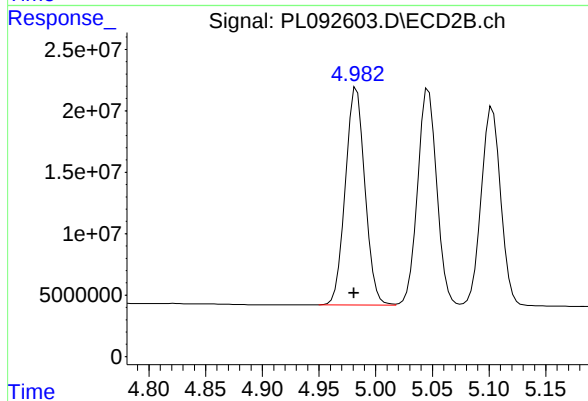
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.002 min
Response: 191890503
Conc: 60.29 ng/ml



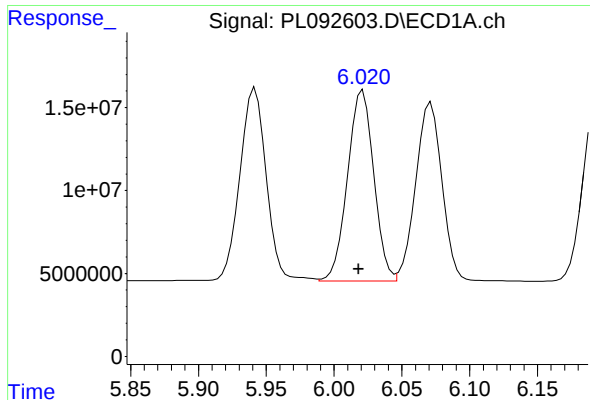
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.002 min
Response: 157768443
Conc: 47.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.002 min
Response: 212491030
Conc: 57.75 ng/ml



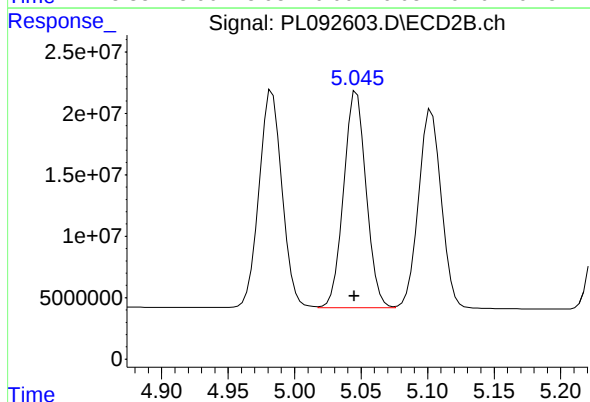
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.003 min
Response: 154824768
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

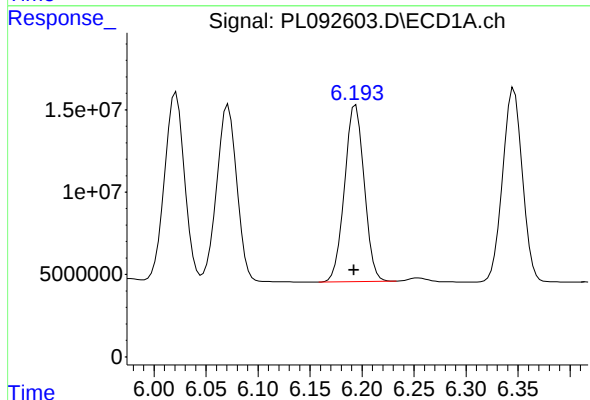
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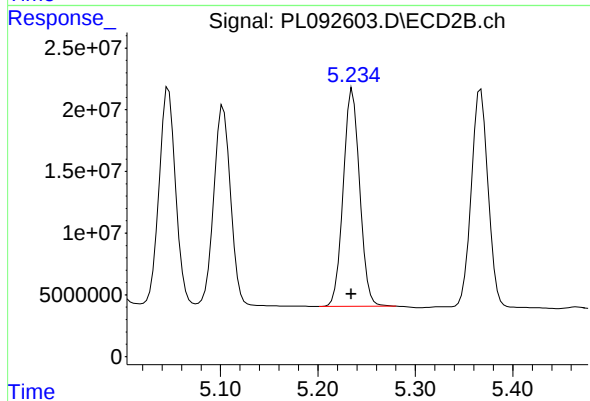
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 207745875
Conc: 58.45 ng/ml



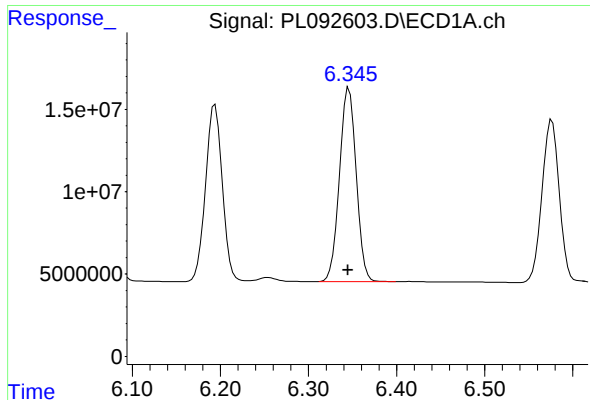
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.002 min
Response: 140754882
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 206155660
Conc: 59.29 ng/ml



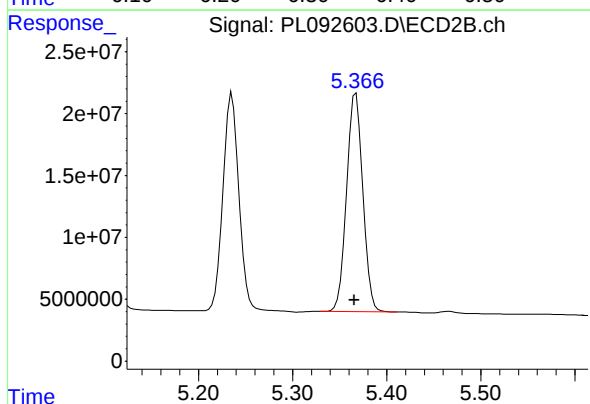
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 155369722
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

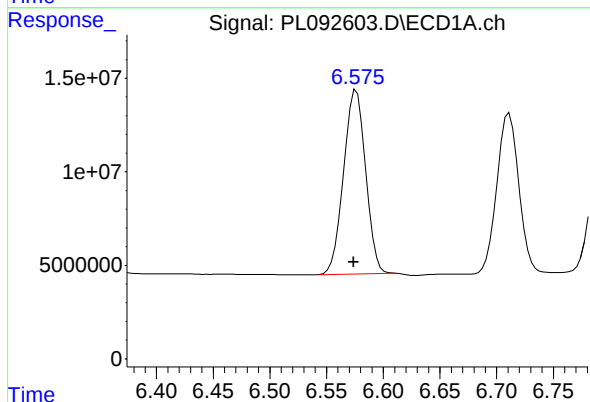
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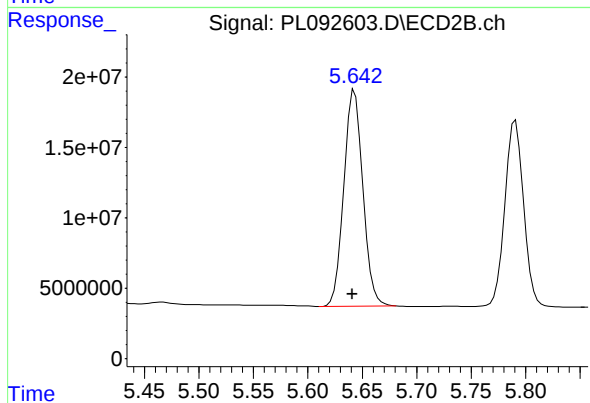
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.002 min
Response: 211210706
Conc: 57.80 ng/ml



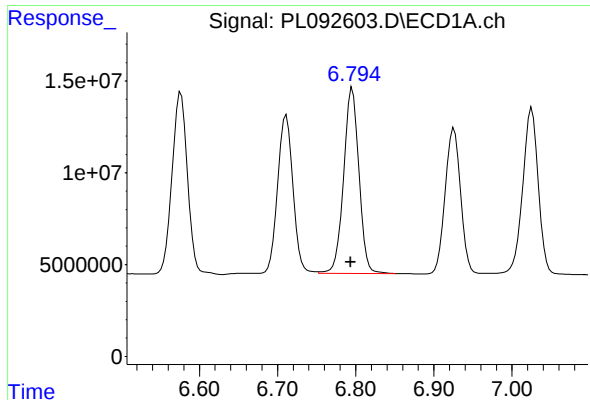
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 133067991
Conc: 47.12 ng/ml



#14 Endrin

R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 186644357
Conc: 56.99 ng/ml



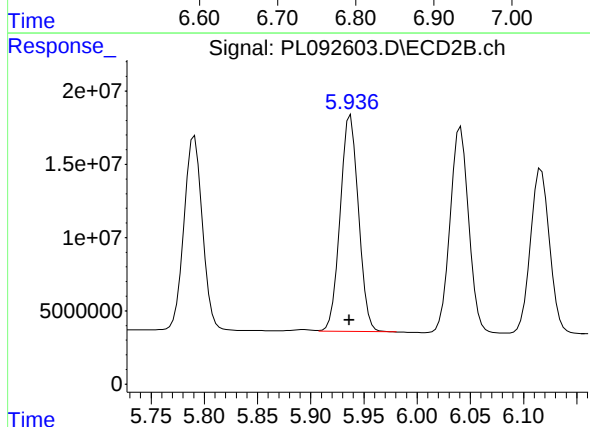
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 137597433
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

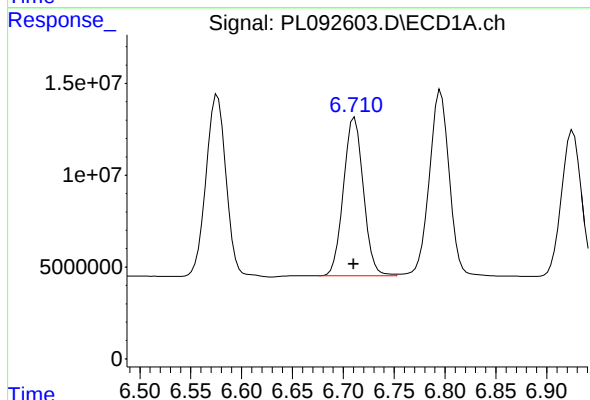
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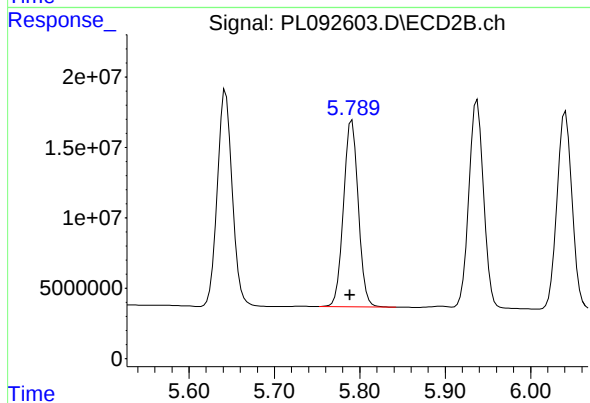
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.002 min
Response: 176143321
Conc: 56.34 ng/ml



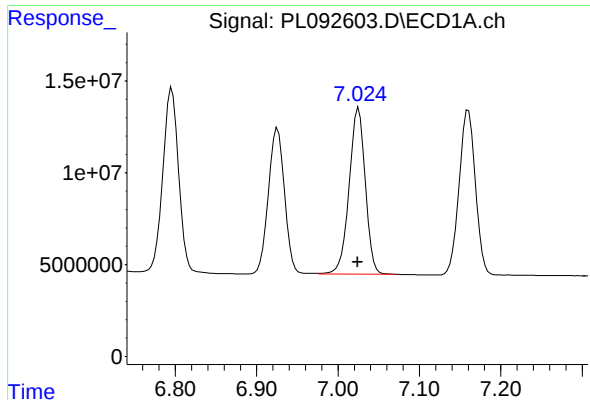
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 117385411
Conc: 48.59 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 158747450
Conc: 57.14 ng/ml



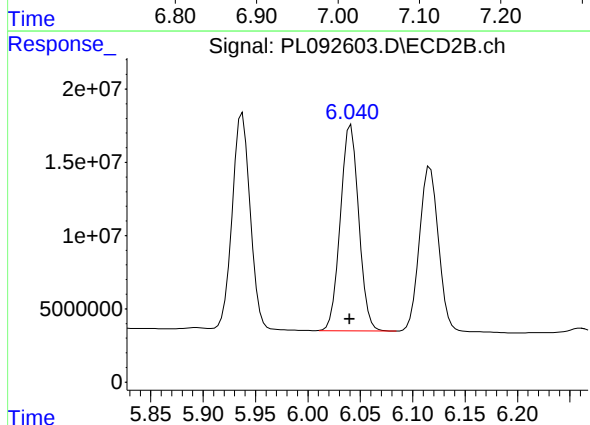
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 125646173
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

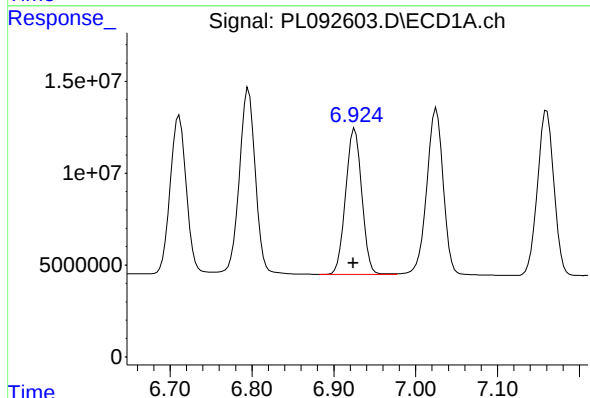
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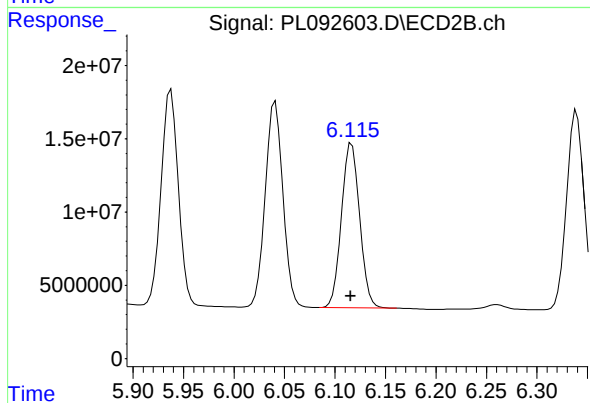
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.001 min
Response: 171548528
Conc: 58.41 ng/ml



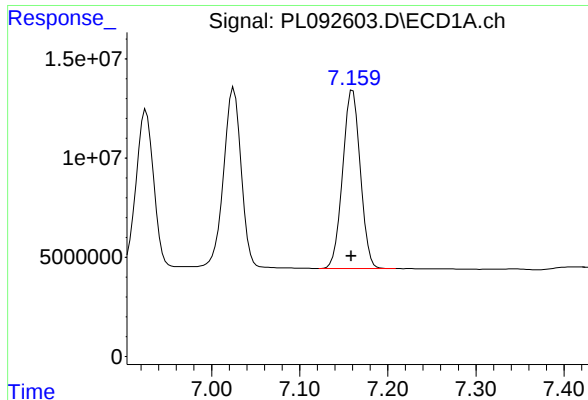
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 109642862
Conc: 51.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: 0.001 min
Response: 141241249
Conc: 57.50 ng/ml



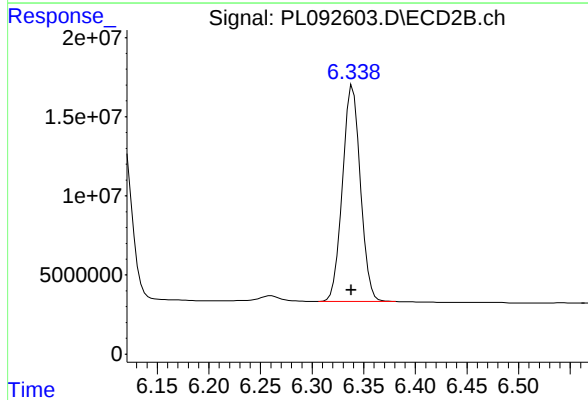
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 125235468
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

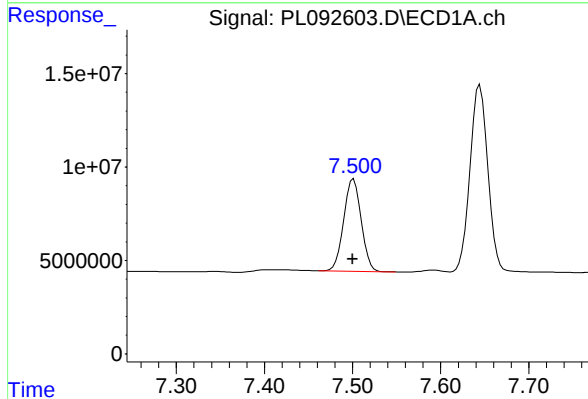
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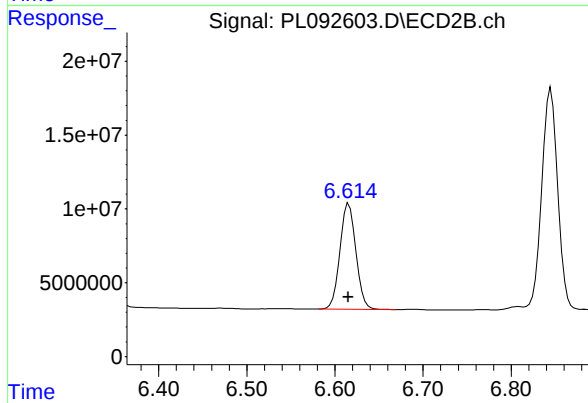
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.001 min
Response: 164922697
Conc: 55.79 ng/ml



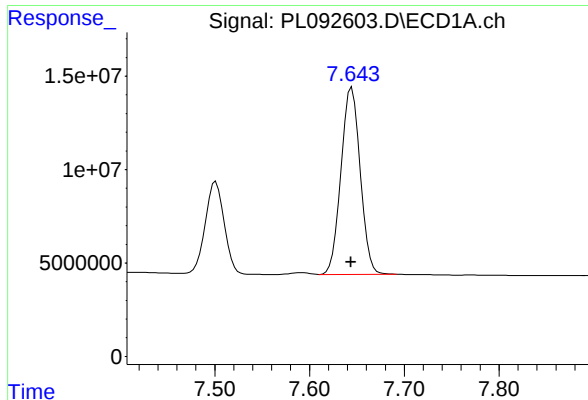
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.001 min
Response: 68237090
Conc: 57.94 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 90263173
Conc: 63.66 ng/ml



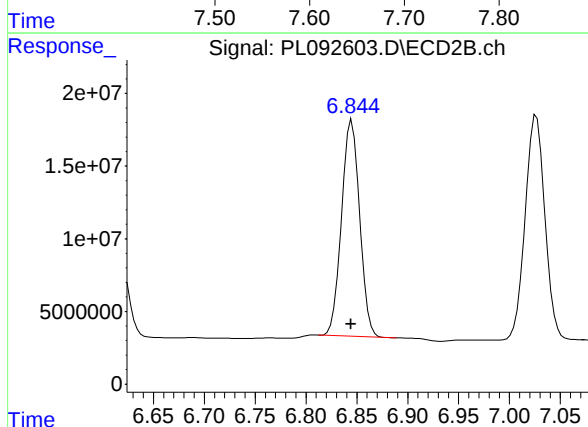
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 140890345
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

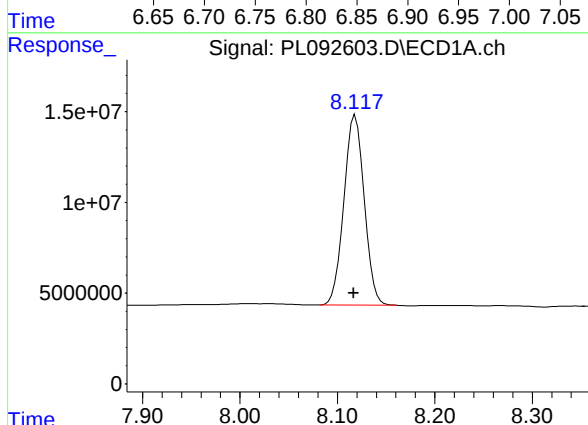
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024



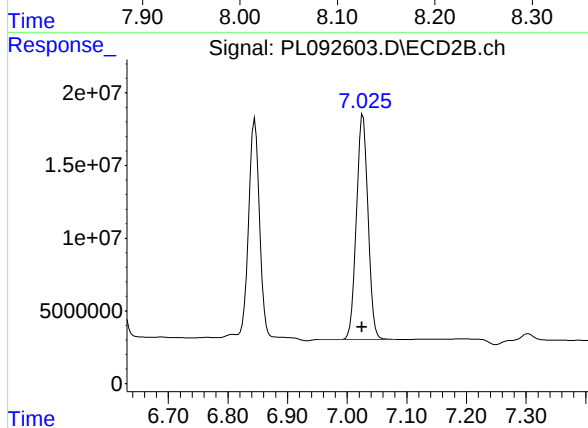
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 184139743
Conc: 57.33 ng/ml



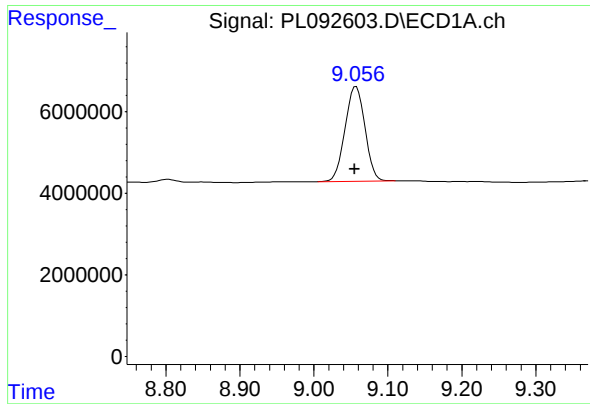
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.002 min
Response: 151976016
Conc: 72.83 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 209297110
Conc: 80.08 ng/ml



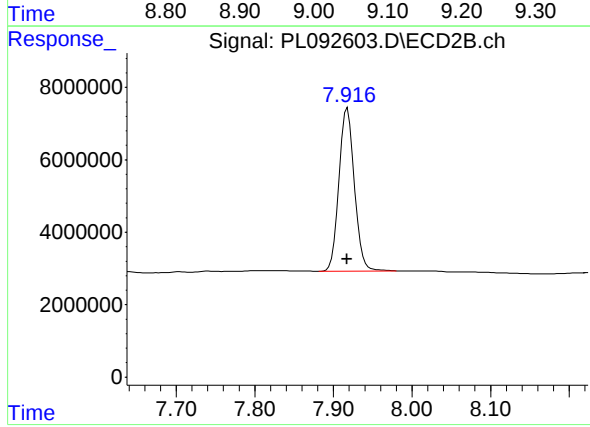
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.002 min
Response: 43374023
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 61507408
Conc: 23.34 ng/ml