

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111021\
 Data File : PL070894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2021 13:51
 Operator : AR\AJ
 Sample : PB140658BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140658BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/11/2021
 Supervised By : Ankita Jodhani 11/11/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 00:28:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.577	5.504	8759535	23656316	17.884	18.762
2) SA Decachlor...	10.341	11.401	12861639	25967517	18.823	19.417
Target Compounds						
2) A alpha-BHC	5.281	6.085	31029869	89909852	46.354m	48.843
3) MA gamma-BHC...	5.705	6.481	29755172	84757687	44.359	48.878
4) MA Heptachlor	6.113	7.129	31265906	84097797	43.575	51.776
5) MB Aldrin	6.437	7.499	27727951	78490423	43.361	48.337
6) B beta-BHC	6.088	6.736	14439023	44261879	44.450	51.658m
7) B delta-BHC	6.347	7.004	29949515	84362851	45.254	50.449
8) B Heptachlo...	7.014	7.966	28342577	74899582	43.594	49.142
9) A Endosulfan I	7.416	8.371	26975870	69479936	44.038	48.296
10) B gamma-Chl...	7.292	8.235	29114682	74954776	43.859	48.409
11) B alpha-Chl...	7.361	8.316	29019131	72748062	43.548	47.830
12) B 4,4'-DDE	7.577	8.506	26069478	71537028	44.745	48.483
13) MA Dieldrin	7.702	8.660	28302935	73592236	45.342	50.505
14) MA Endrin	7.994	8.899	25514621	60074834	45.002	51.865
15) B Endosulfa...	8.305	9.134	25678430	62123355	42.420	50.864
16) A 4,4'-DDD	8.161	9.046	23073699	55412056	45.412	46.045
17) MA 4,4'-DDT	8.422	9.363	24672575	60617496	44.861	48.049
18) B Endrin al...	8.494	9.269	23566859	55118181	51.873	56.996
19) B Endosulfa...	8.725	9.506	28505502	62957737	46.208	50.797
20) A Methoxychlor	9.016	9.850	16108858	31740274	44.032m	46.897
21) B Endrin ke...	9.243	10.004	34101188	70617736	47.690	49.194
22) Mirex	9.426	10.468	27756396	49777662	45.196	47.789

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111021\
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 Acq On : 10 Nov 2021 13:51
 Operator : AR\AJ
 Sample : PB140658BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

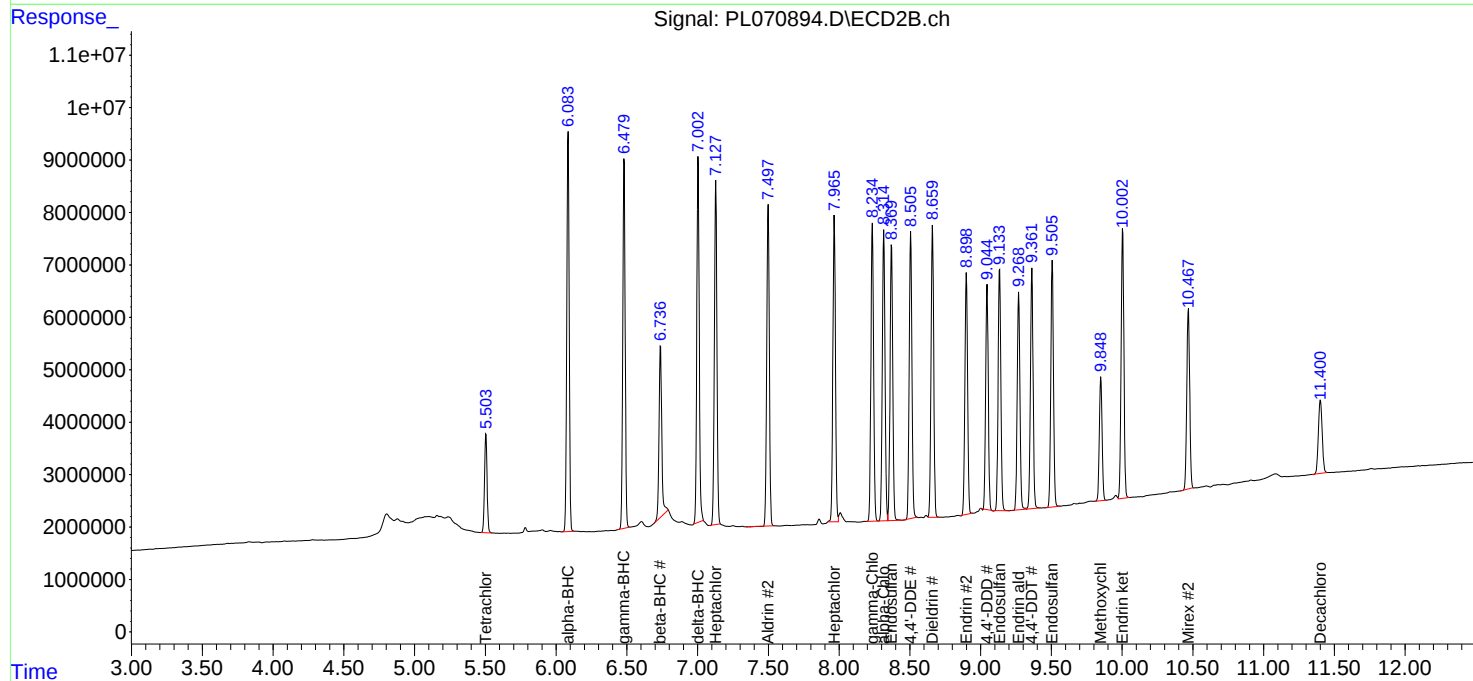
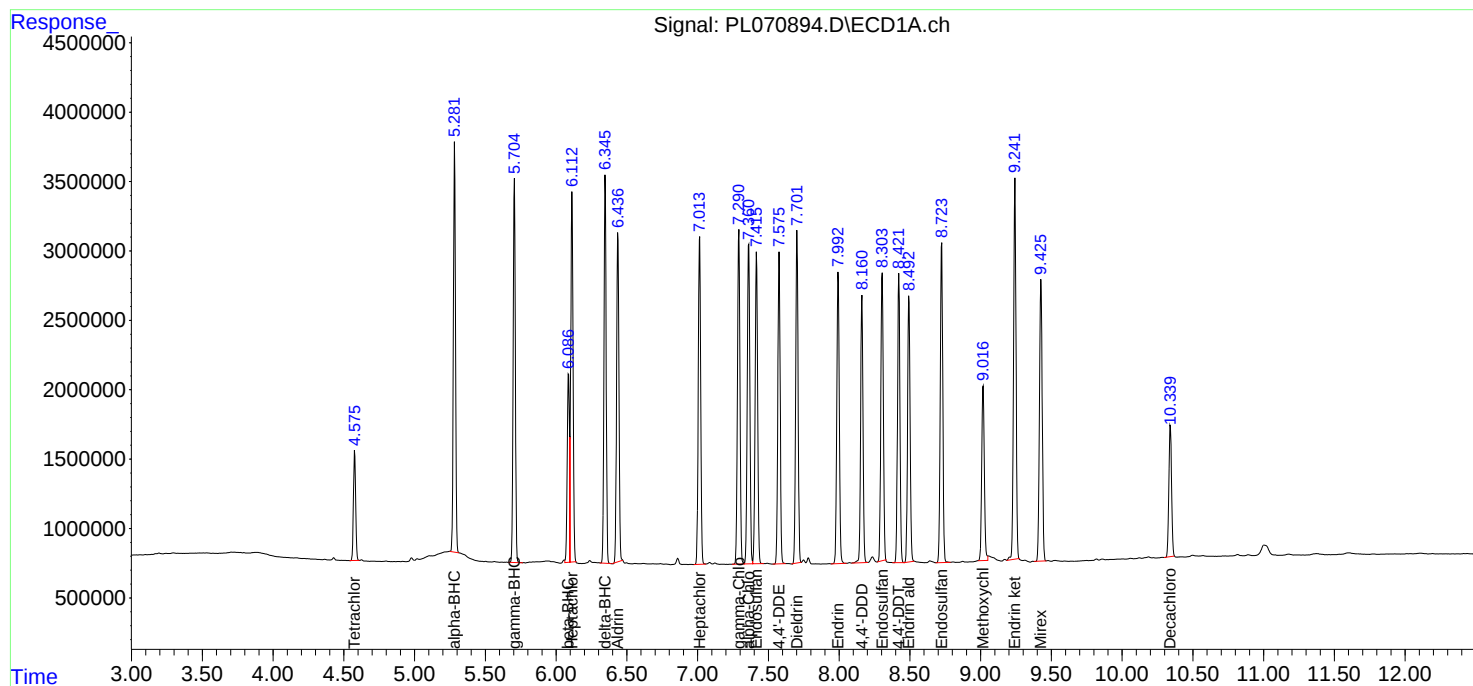
Instrument :
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 ClientSampleId :
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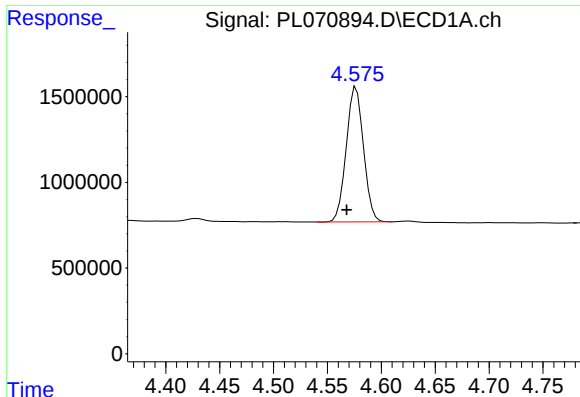
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 11/11/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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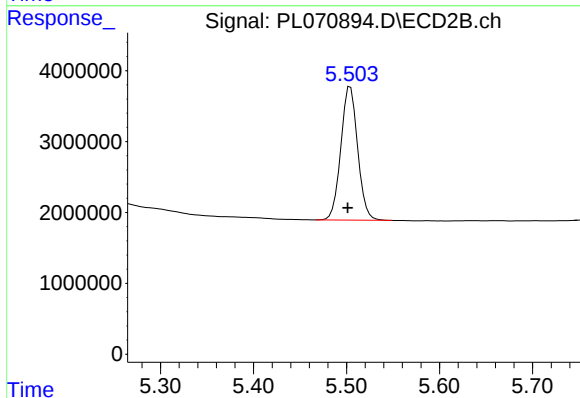
#1 Tetrachloro-m-xylene

R.T.: 4.577 min
Delta R.T.: 0.009 min
Response: 8759535
Conc: 17.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

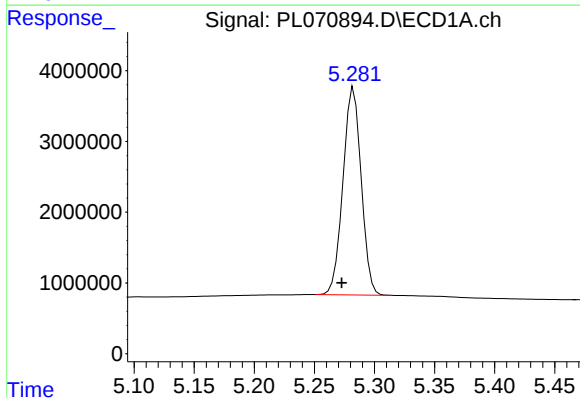
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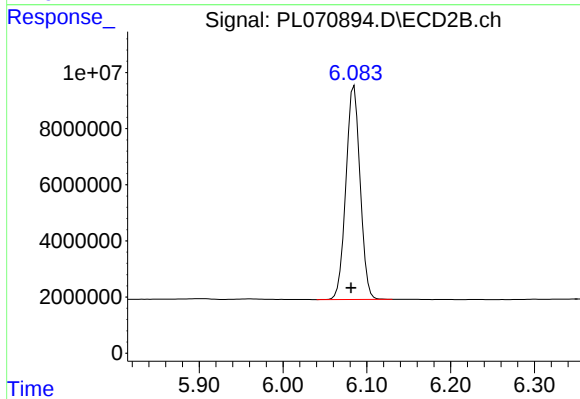
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 23656316
Conc: 18.76 ng/ml



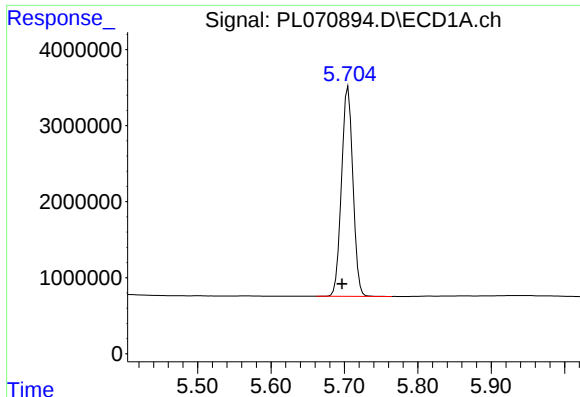
#2 alpha-BHC

R.T.: 5.281 min
Delta R.T.: 0.009 min
Response: 31029869
Conc: 46.35 ng/ml m



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 89909852
Conc: 48.84 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.705 min
Delta R.T.: 0.008 min
Response: 29755172
Conc: 44.36 ng/ml

Instrument :

ECD_L

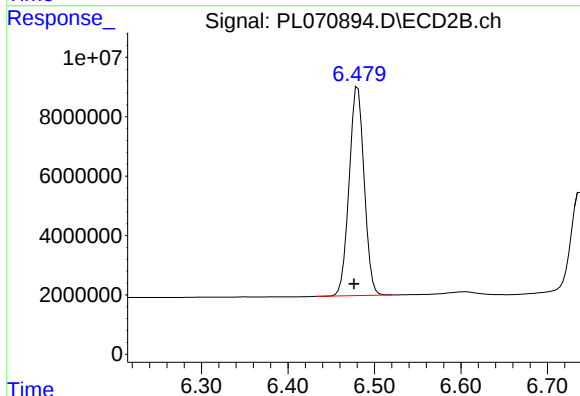
ClientSampleId :

PB140658BS

Manual Integrations

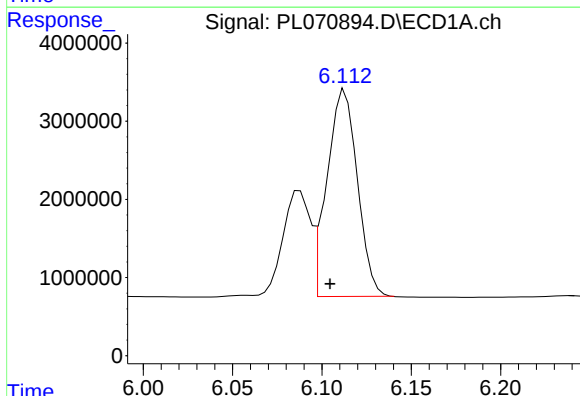
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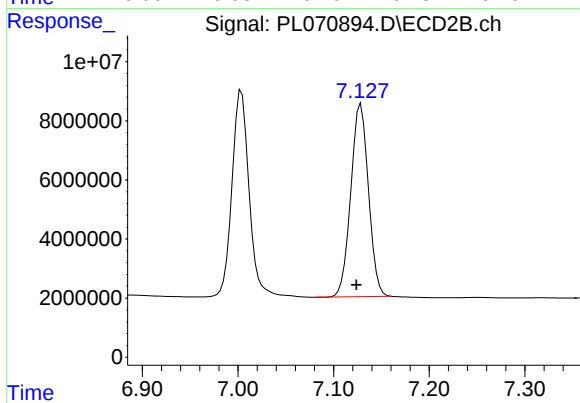
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 84757687
Conc: 48.88 ng/ml



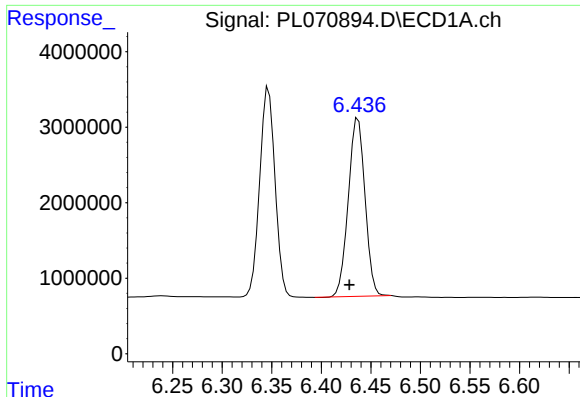
#4 Heptachlor

R.T.: 6.113 min
Delta R.T.: 0.008 min
Response: 31265906
Conc: 43.58 ng/ml



#4 Heptachlor

R.T.: 7.129 min
Delta R.T.: 0.005 min
Response: 84097797
Conc: 51.78 ng/ml



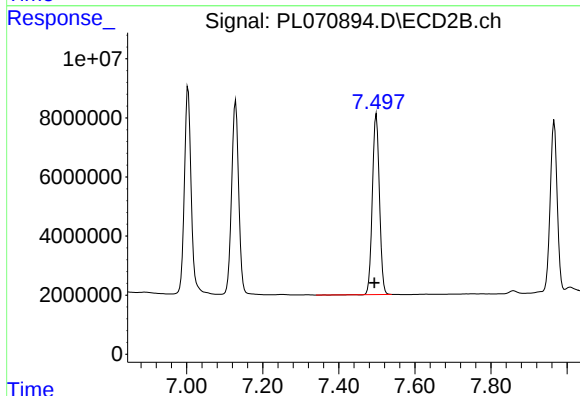
#5 Aldrin

R.T.: 6.437 min
Delta R.T.: 0.009 min
Response: 27727951
Conc: 43.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

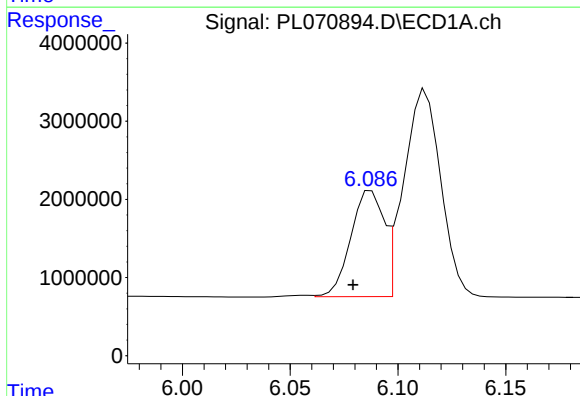
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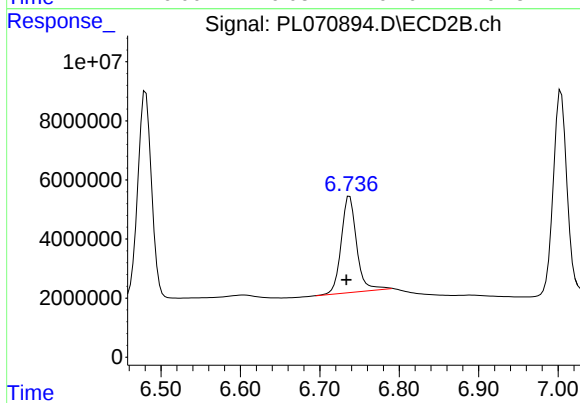
#5 Aldrin

R.T.: 7.499 min
Delta R.T.: 0.005 min
Response: 78490423
Conc: 48.34 ng/ml



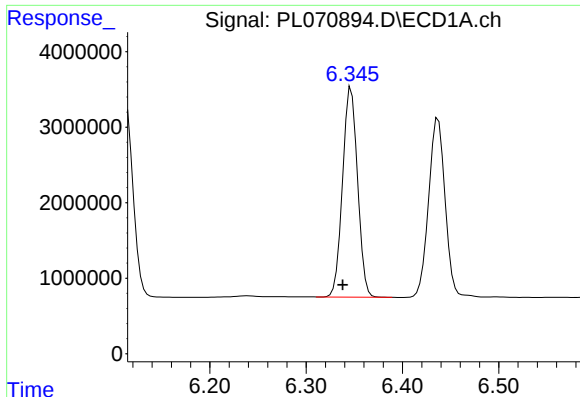
#6 beta-BHC

R.T.: 6.088 min
Delta R.T.: 0.009 min
Response: 14439023
Conc: 44.45 ng/ml



#6 beta-BHC

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 44261879
Conc: 51.66 ng/ml m



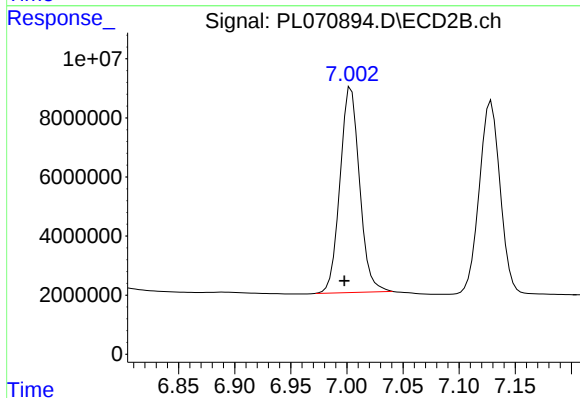
#7 delta-BHC

R.T.: 6.347 min
Delta R.T.: 0.009 min
Response: 29949515
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

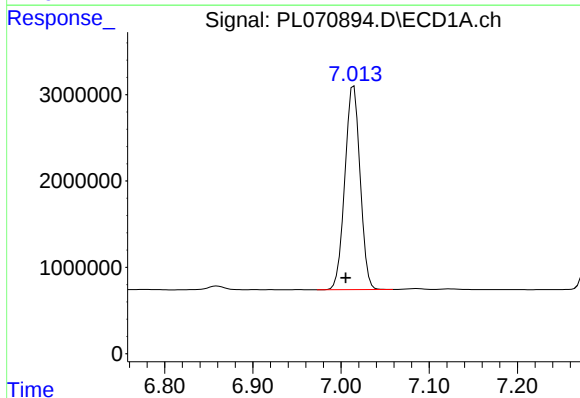
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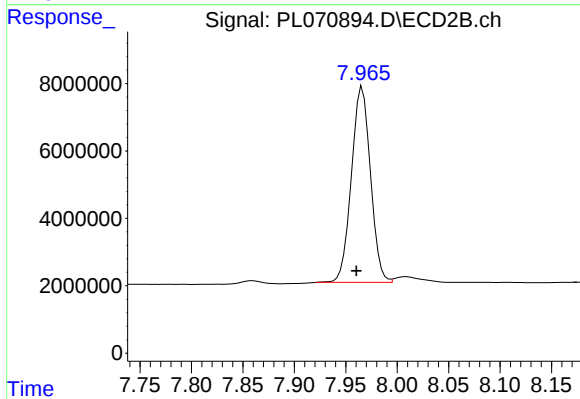
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.006 min
Response: 84362851
Conc: 50.45 ng/ml



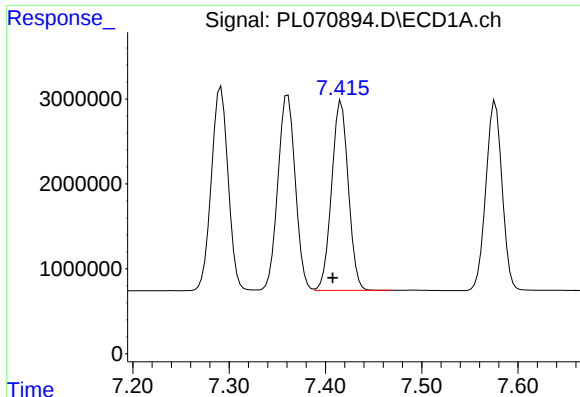
#8 Heptachlor epoxide

R.T.: 7.014 min
Delta R.T.: 0.009 min
Response: 28342577
Conc: 43.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.966 min
Delta R.T.: 0.006 min
Response: 74899582
Conc: 49.14 ng/ml



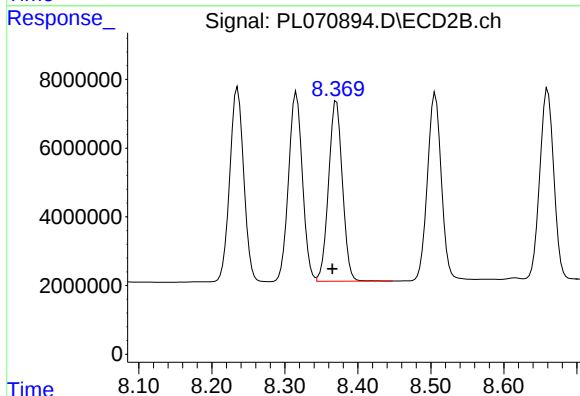
#9 Endosulfan I

R.T.: 7.416 min
Delta R.T.: 0.009 min
Response: 26975870
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

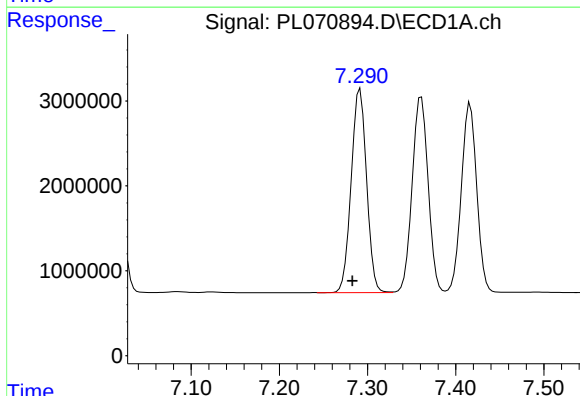
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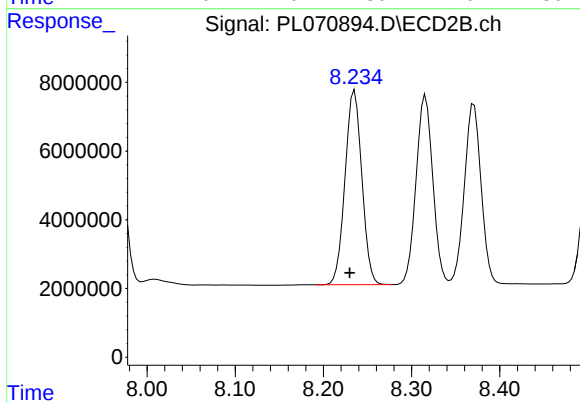
#9 Endosulfan I

R.T.: 8.371 min
Delta R.T.: 0.005 min
Response: 69479936
Conc: 48.30 ng/ml



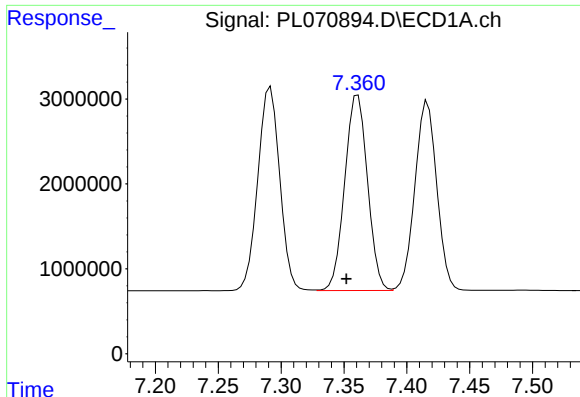
#10 gamma-Chlordane

R.T.: 7.292 min
Delta R.T.: 0.009 min
Response: 29114682
Conc: 43.86 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 74954776
Conc: 48.41 ng/ml



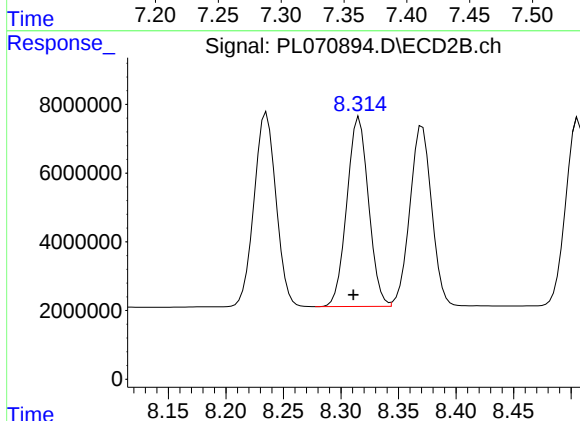
#11 alpha-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.009 min
Response: 29019131
Conc: 43.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

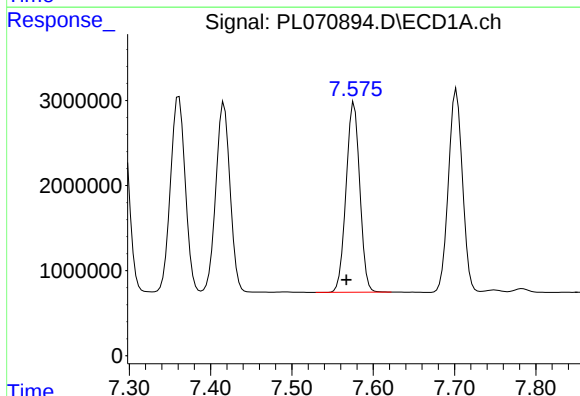
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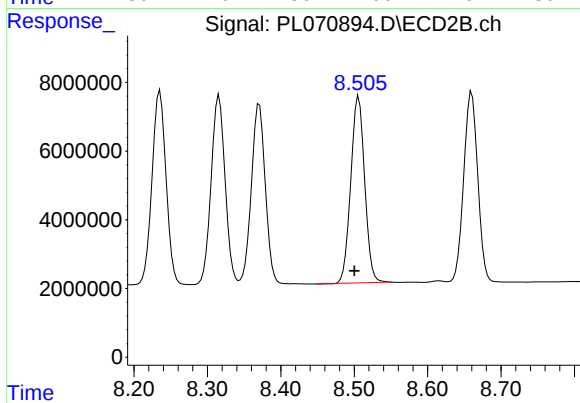
#11 alpha-Chlordane

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 72748062
Conc: 47.83 ng/ml



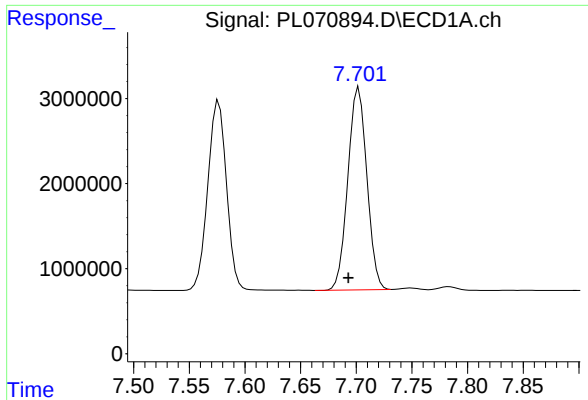
#12 4,4'-DDE

R.T.: 7.577 min
Delta R.T.: 0.010 min
Response: 26069478
Conc: 44.74 ng/ml



#12 4,4'-DDE

R.T.: 8.506 min
Delta R.T.: 0.006 min
Response: 71537028
Conc: 48.48 ng/ml



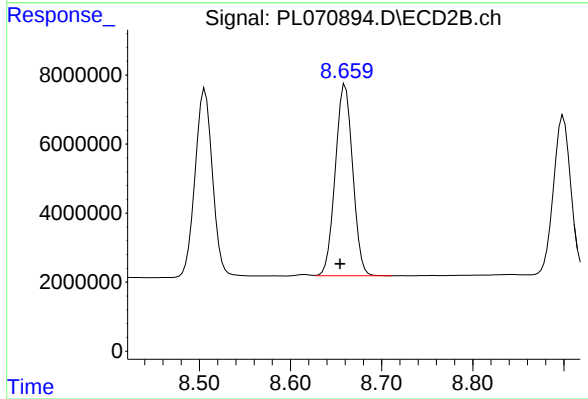
#13 Dieldrin

R.T.: 7.702 min
Delta R.T.: 0.009 min
Response: 28302935
Conc: 45.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

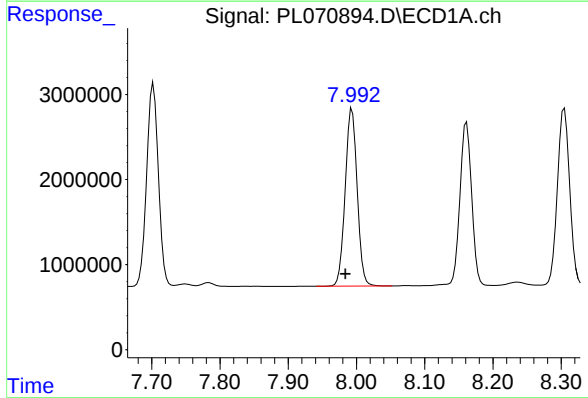
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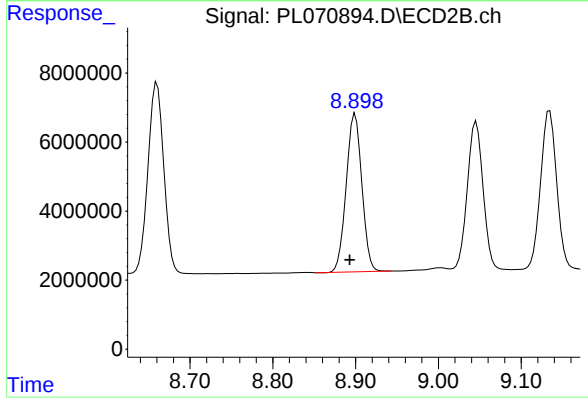
#13 Dieldrin

R.T.: 8.660 min
Delta R.T.: 0.006 min
Response: 73592236
Conc: 50.51 ng/ml



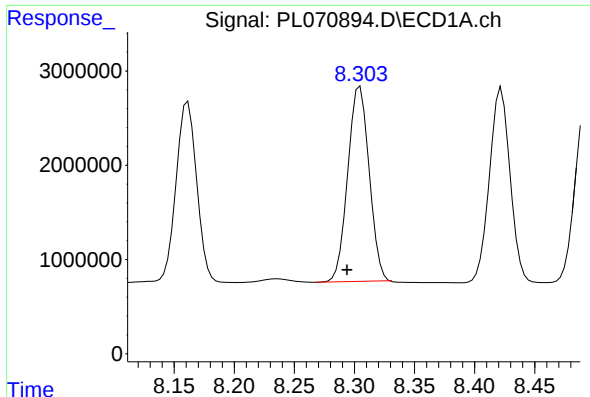
#14 Endrin

R.T.: 7.994 min
Delta R.T.: 0.010 min
Response: 25514621
Conc: 45.00 ng/ml



#14 Endrin

R.T.: 8.899 min
Delta R.T.: 0.007 min
Response: 60074834
Conc: 51.86 ng/ml



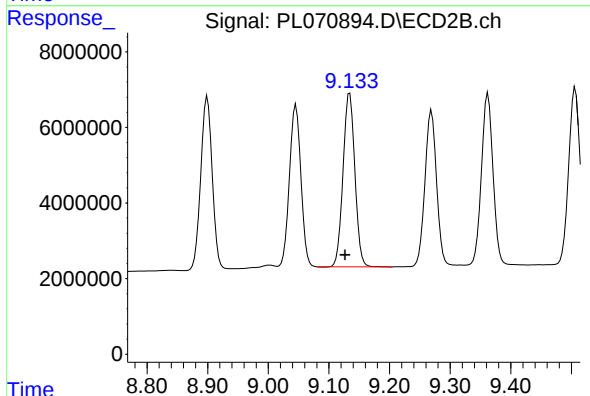
#15 Endosulfan II

R.T.: 8.305 min
Delta R.T.: 0.011 min
Response: 25678430
Conc: 42.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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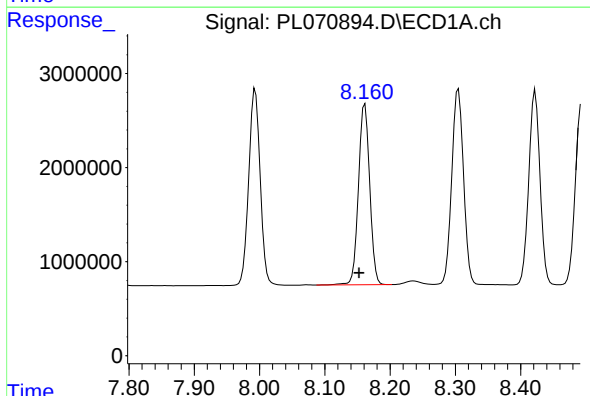
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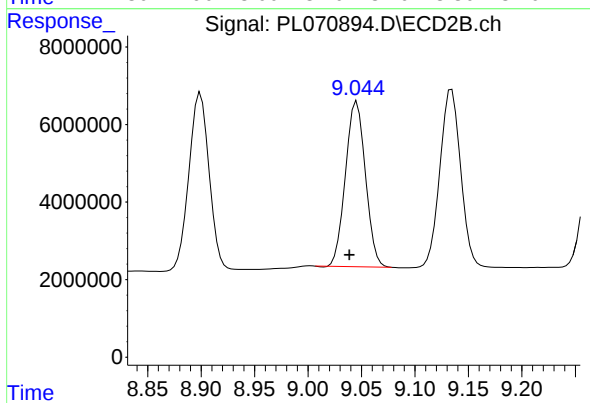
#15 Endosulfan II

R.T.: 9.134 min
Delta R.T.: 0.008 min
Response: 62123355
Conc: 50.86 ng/ml



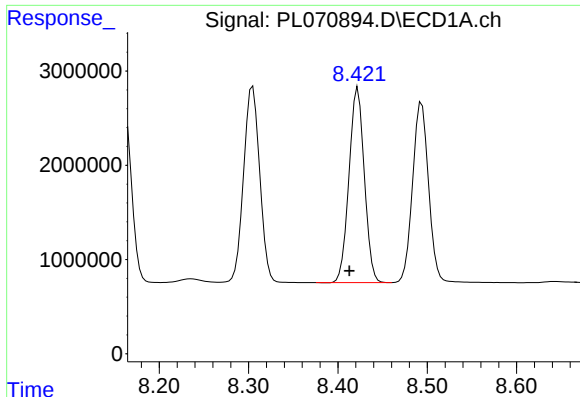
#16 4,4'-DDD

R.T.: 8.161 min
Delta R.T.: 0.009 min
Response: 23073699
Conc: 45.41 ng/ml



#16 4,4'-DDD

R.T.: 9.046 min
Delta R.T.: 0.007 min
Response: 55412056
Conc: 46.05 ng/ml



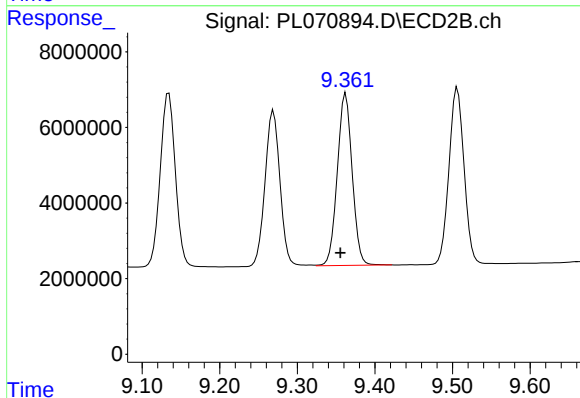
#17 4,4'-DDT

R.T.: 8.422 min
Delta R.T.: 0.009 min
Response: 24672575
Conc: 44.86 ng/ml

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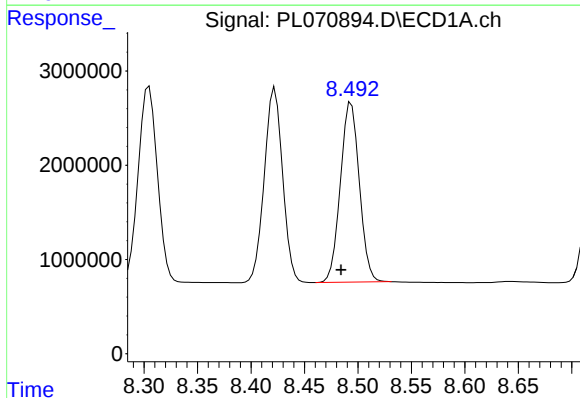
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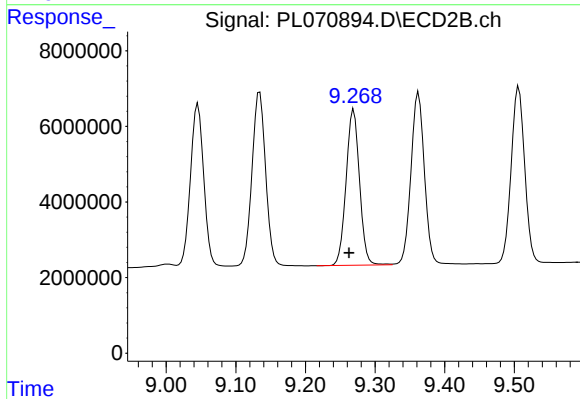
#17 4,4'-DDT

R.T.: 9.363 min
Delta R.T.: 0.007 min
Response: 60617496
Conc: 48.05 ng/ml



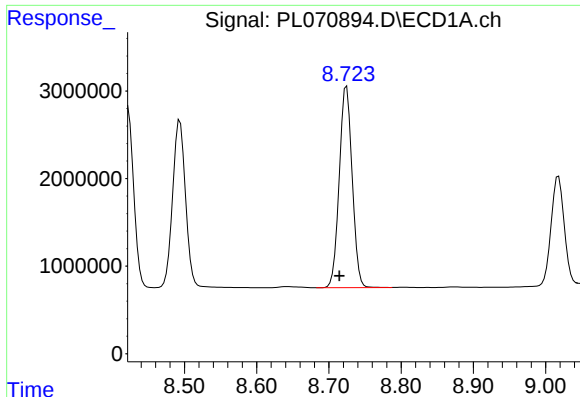
#18 Endrin aldehyde

R.T.: 8.494 min
Delta R.T.: 0.010 min
Response: 23566859
Conc: 51.87 ng/ml



#18 Endrin aldehyde

R.T.: 9.269 min
Delta R.T.: 0.007 min
Response: 55118181
Conc: 57.00 ng/ml



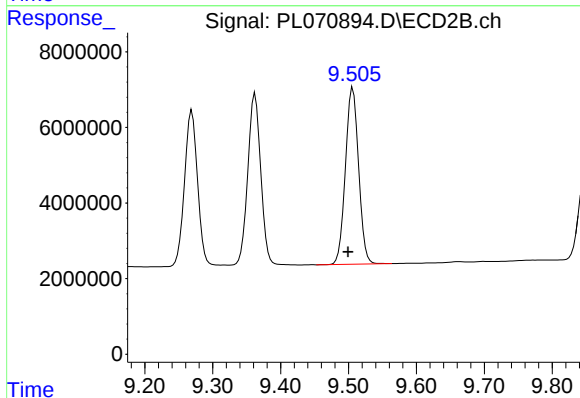
#19 Endosulfan Sulfate

R.T.: 8.725 min
Delta R.T.: 0.010 min
Response: 28505502
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

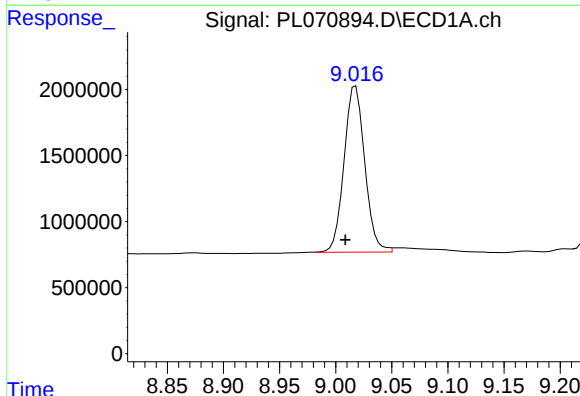
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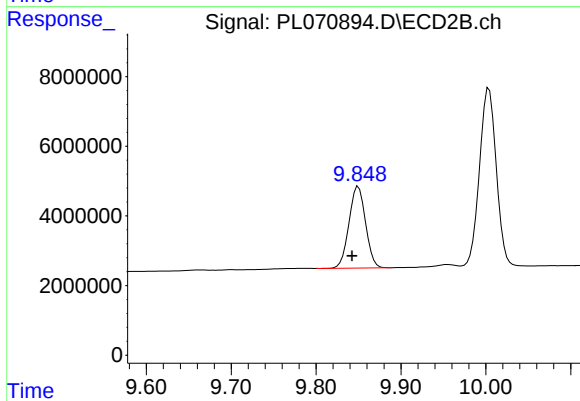
#19 Endosulfan Sulfate

R.T.: 9.506 min
Delta R.T.: 0.007 min
Response: 62957737
Conc: 50.80 ng/ml



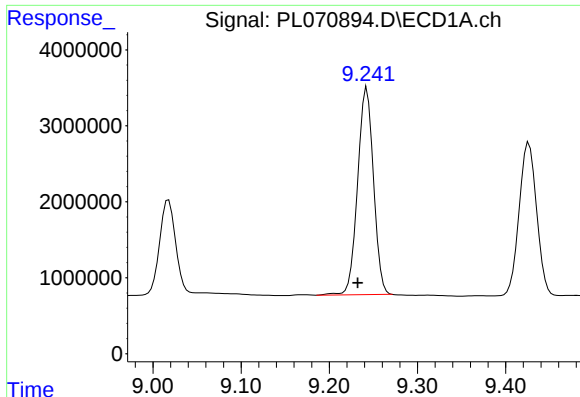
#20 Methoxychlor

R.T.: 9.016 min
Delta R.T.: 0.008 min
Response: 16108858
Conc: 44.03 ng/ml m



#20 Methoxychlor

R.T.: 9.850 min
Delta R.T.: 0.007 min
Response: 31740274
Conc: 46.90 ng/ml



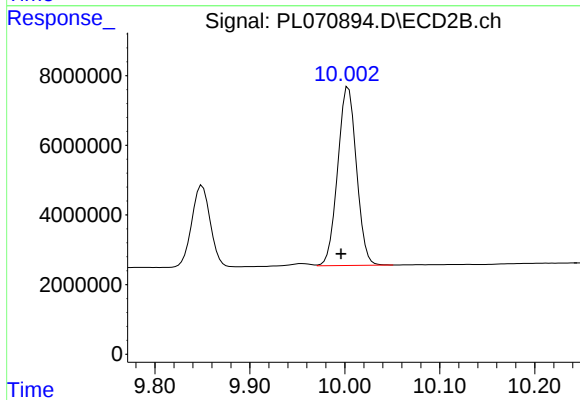
#21 Endrin ketone

R.T.: 9.243 min
Delta R.T.: 0.011 min
Response: 34101188
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140658BS

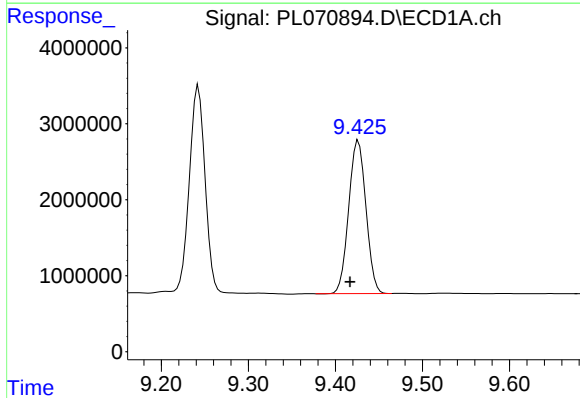
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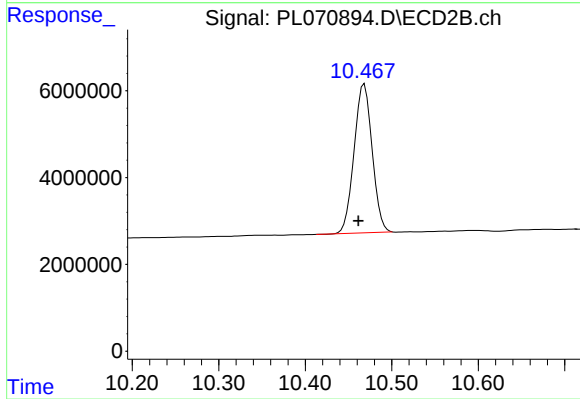
#21 Endrin ketone

R.T.: 10.004 min
Delta R.T.: 0.008 min
Response: 70617736
Conc: 49.19 ng/ml



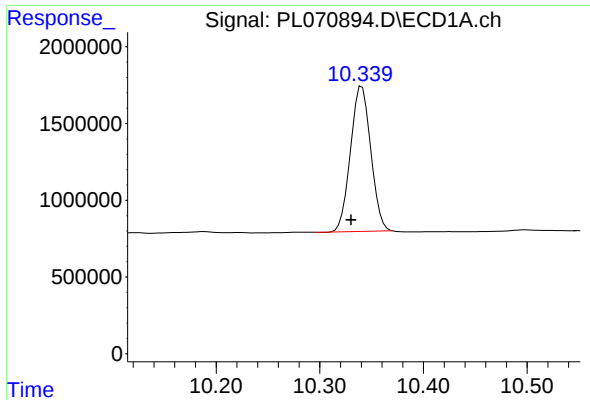
#22 Mirex

R.T.: 9.426 min
Delta R.T.: 0.010 min
Response: 27756396
Conc: 45.20 ng/ml



#22 Mirex

R.T.: 10.468 min
Delta R.T.: 0.007 min
Response: 49777662
Conc: 47.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.341 min
Delta R.T.: 0.010 min
Response: 12861639
Conc: 18.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

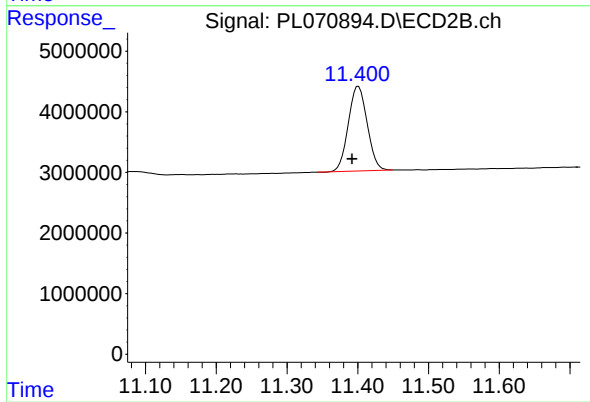
PB140658BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/11/2021

Supervised By :Ankita Jodhani 11/11/2021



#28 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: 0.009 min
Response: 25967517
Conc: 19.42 ng/ml