

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 20:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:13:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.633	5.489	17447162	95838881	53.998	53.752
28) SA Decachlor...	10.400	11.329	25965039	97975002	49.930m	55.469
Target Compounds						
2) A alpha-BHC	5.341	6.052	22375207	139.2E6	53.317	55.268
3) MA gamma-BHC...	5.764	6.441	22148748	130.9E6	52.811	55.316
4) MA Heptachlor	6.175	7.100	23255443	137.8E6	51.626	52.843
5) MB Aldrin	6.500	7.468	21337820	129.3E6	51.410	55.044
6) B beta-BHC	6.145	6.678	11126322	60240705	54.453	53.451
7) B delta-BHC	6.406	6.945	22179428	132.1E6	53.616	54.070
8) B Heptachlo...	7.076	7.924	21945384	121.1E6	51.162	53.800
9) A Endosulfan I	7.479	8.325	21367045	110.7E6	52.099	56.225
10) B gamma-Chl...	7.353	8.193	22539548	121.2E6	51.391	54.341
11) B alpha-Chl...	7.423	8.275	22747443	118.7E6	51.491	55.142
12) B 4,4'-DDE	7.636	8.460	19114020	114.4E6	52.393m	57.454
13) MA Dieldrin	7.763	8.609	21642621	111.9E6	50.382m	55.792
14) MA Endrin	8.056	8.844	20436989	96212575	50.308	56.807
15) B Endosulfa...	8.366	9.068	20472859	91642547	49.672	52.752
16) A 4,4'-DDD	8.222	8.987	17064565	92015491	52.844	59.805
17) MA 4,4'-DDT	8.483	9.305	18498084	93857527	50.044	52.947
18) B Endrin al...	8.555	9.201	16148238	70961777	49.909	54.940
19) B Endosulfa...	8.786	9.438	21562802	92095356	50.496	55.335
20) A Methoxychlor	9.077	9.785	11985115	47133039	48.275	49.003
21) B Endrin ke...	9.303	9.926	26399415	96548414	54.036m	55.778
22) Mirex	9.491	10.402	23520754	73054792	50.430	53.038

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 20:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

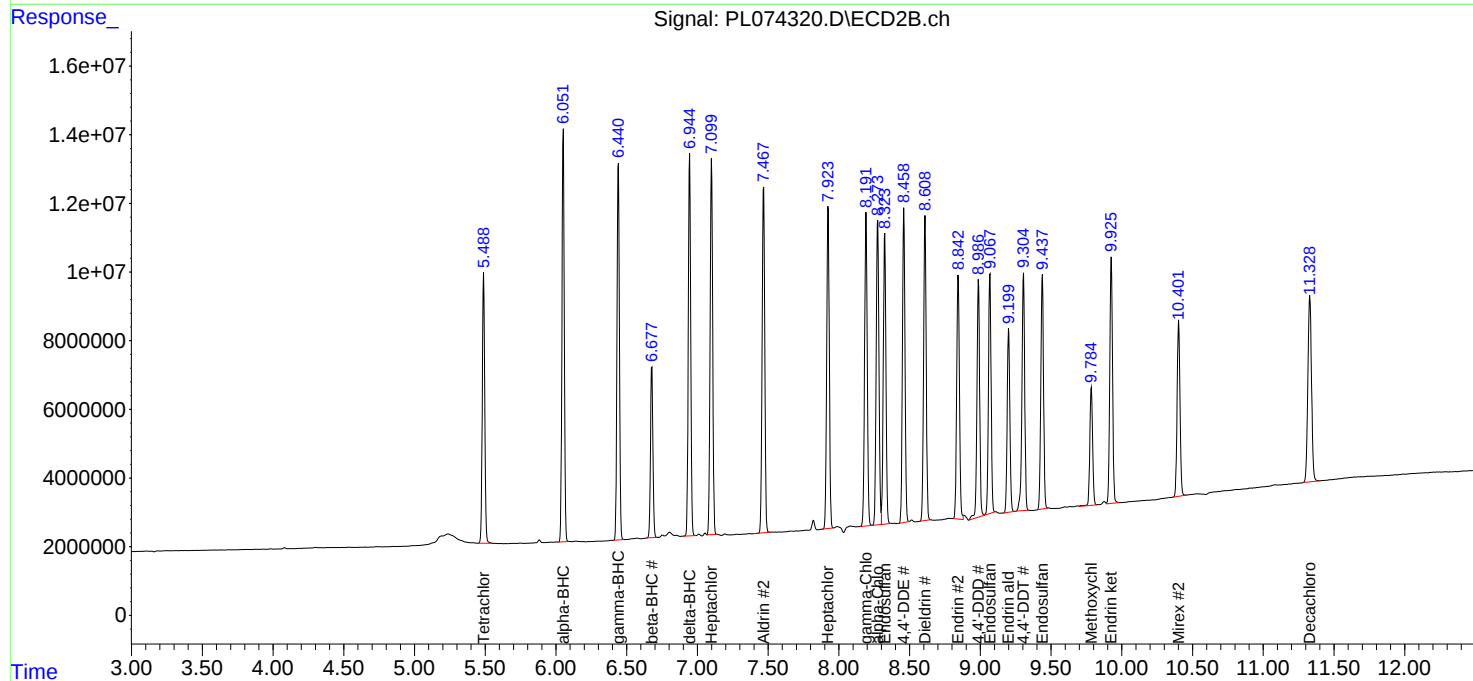
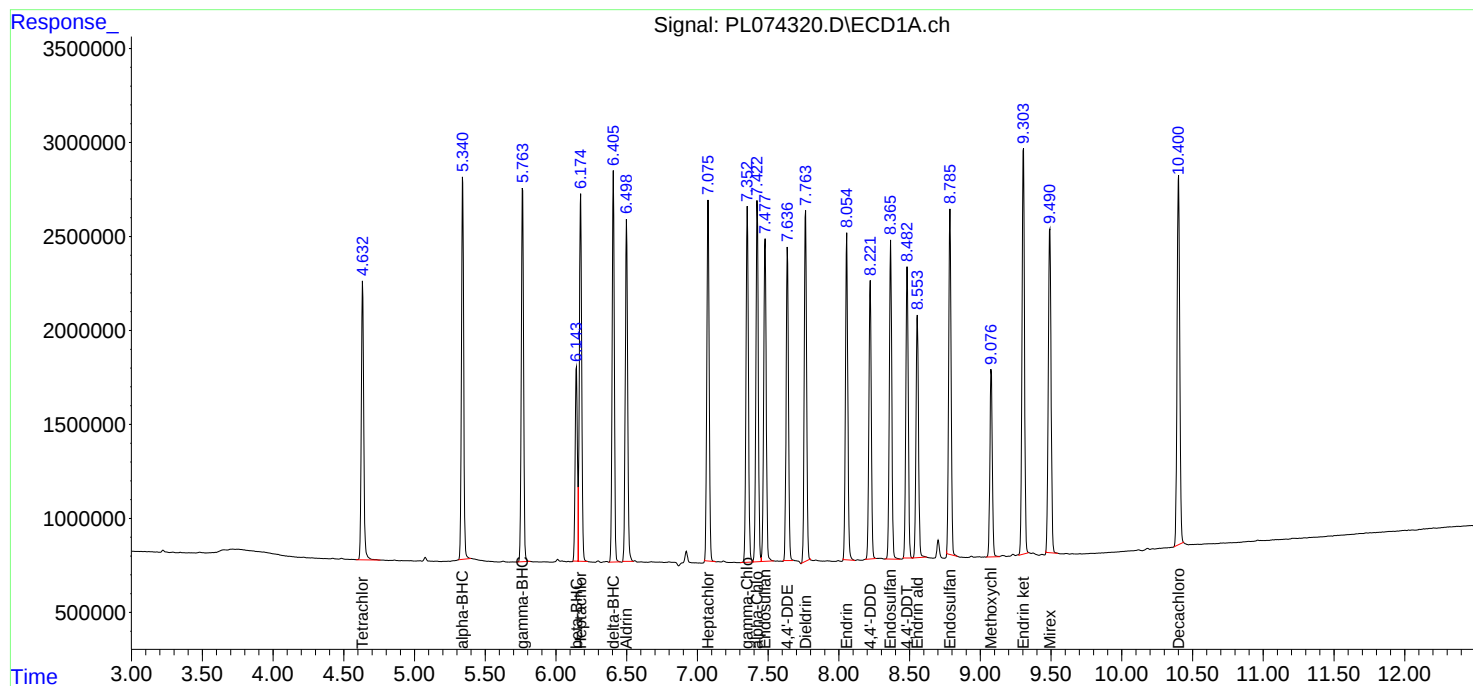
APPROVED

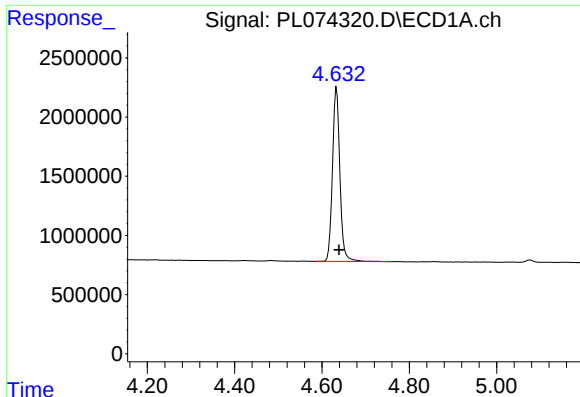
Reviewed By :Abdul Mirza 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:13:07 2022
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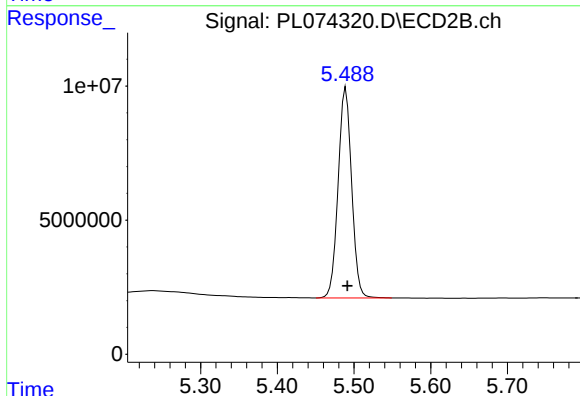
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 17447162
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

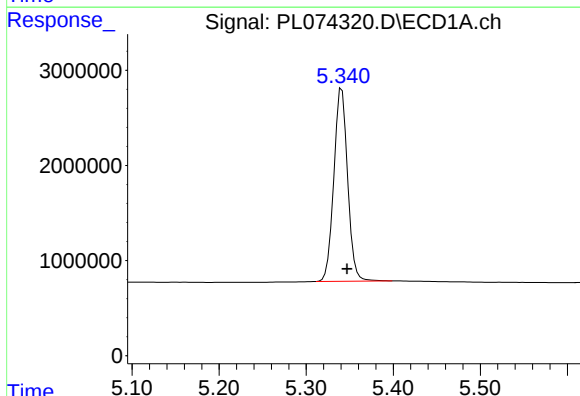
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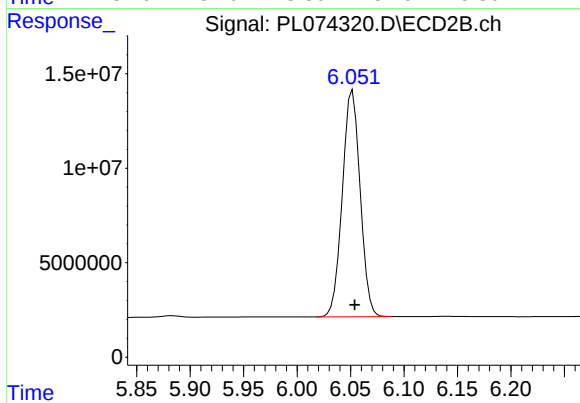
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 95838881
Conc: 53.75 ng/ml



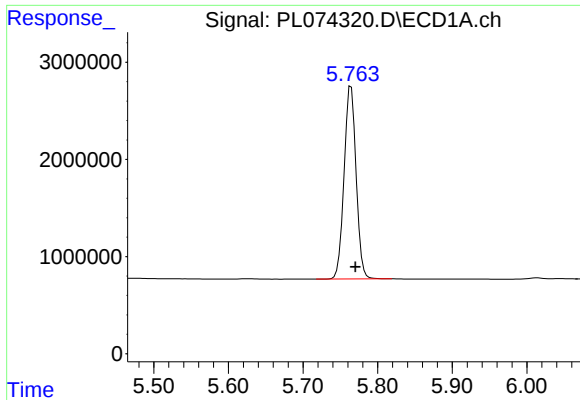
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 22375207
Conc: 53.32 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 139169043
Conc: 55.27 ng/ml



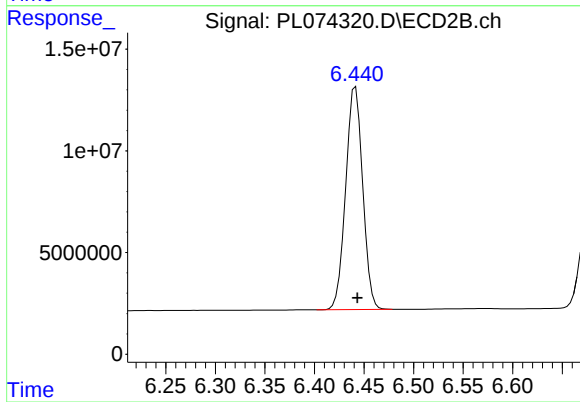
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 22148748
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

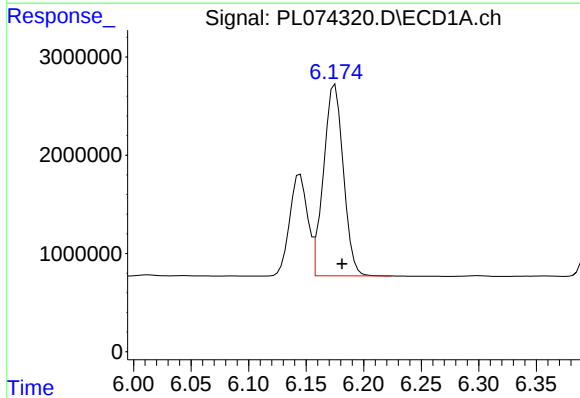
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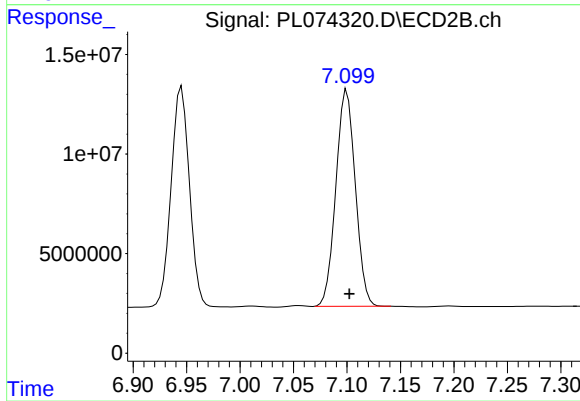
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 130940513
Conc: 55.32 ng/ml



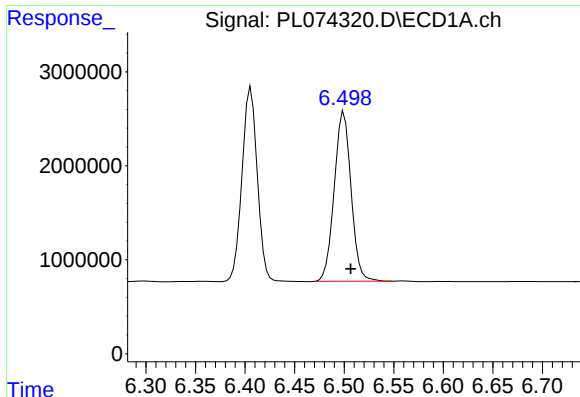
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 23255443
Conc: 51.63 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 137837771
Conc: 52.84 ng/ml



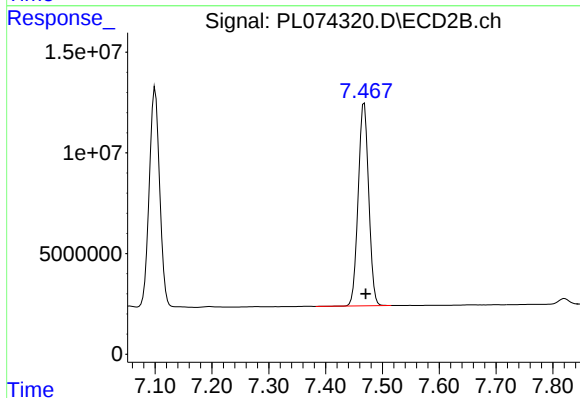
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 21337820
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

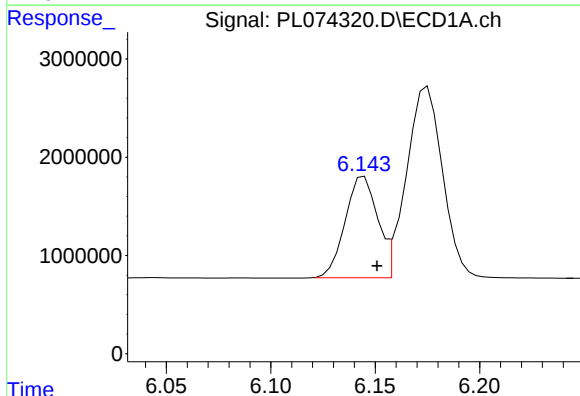
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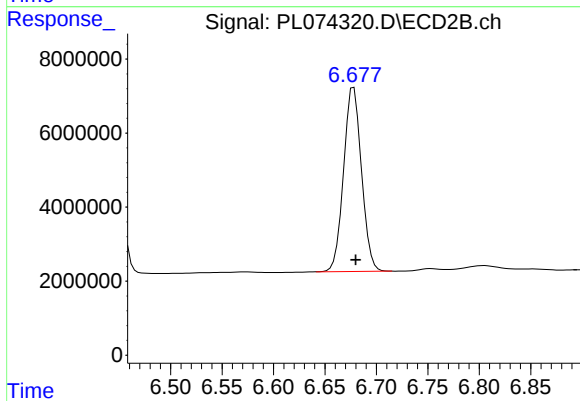
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 129275153
Conc: 55.04 ng/ml



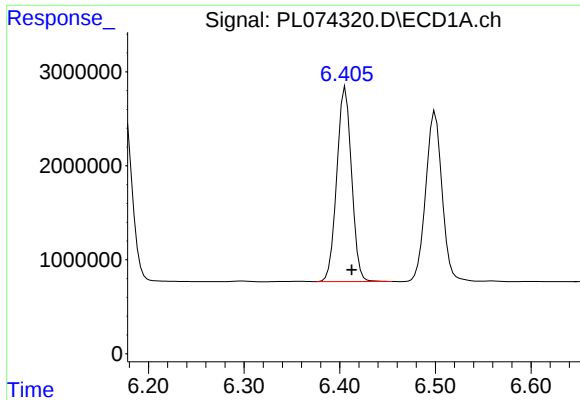
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 11126322
Conc: 54.45 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 60240705
Conc: 53.45 ng/ml



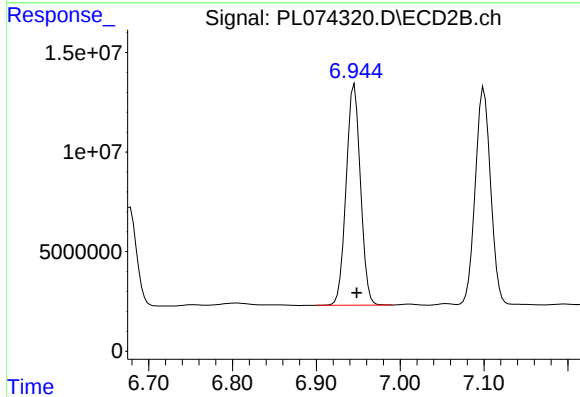
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 22179428
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

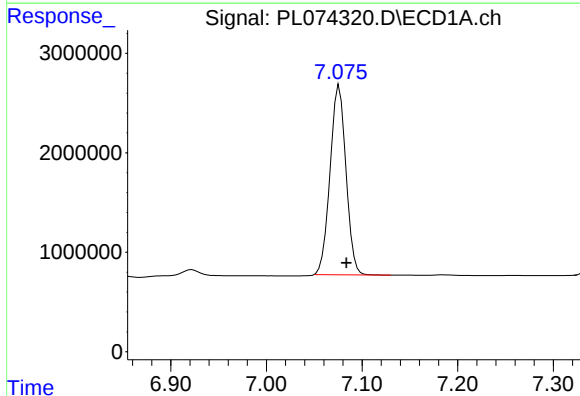
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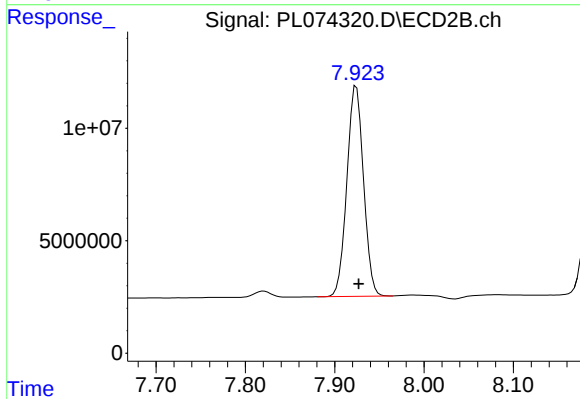
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 132053506
Conc: 54.07 ng/ml



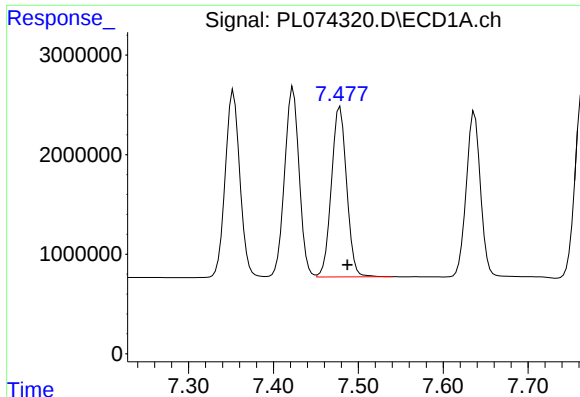
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 21945384
Conc: 51.16 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 121134059
Conc: 53.80 ng/ml



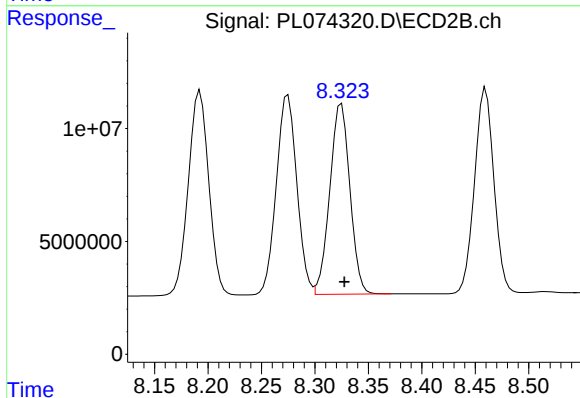
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 21367045
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

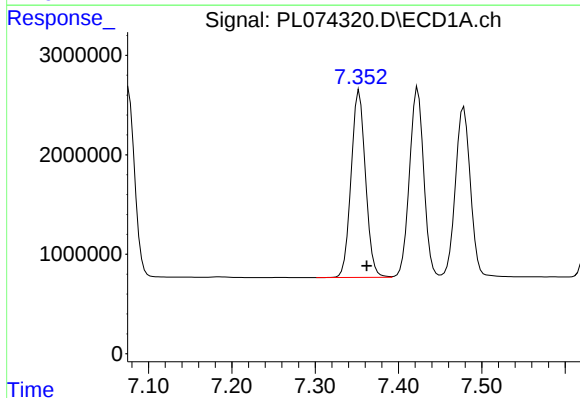
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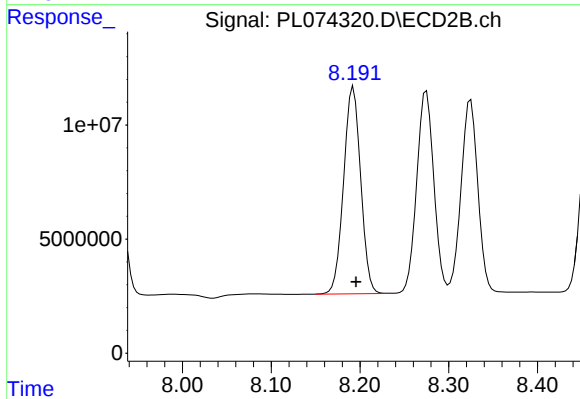
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 110687953
Conc: 56.23 ng/ml



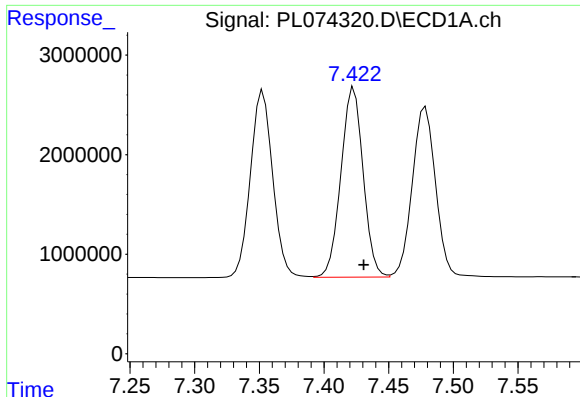
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 22539548
Conc: 51.39 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 121198874
Conc: 54.34 ng/ml



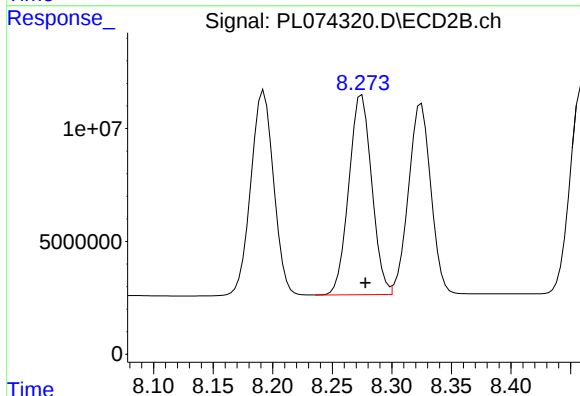
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.007 min
Response: 22747443
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

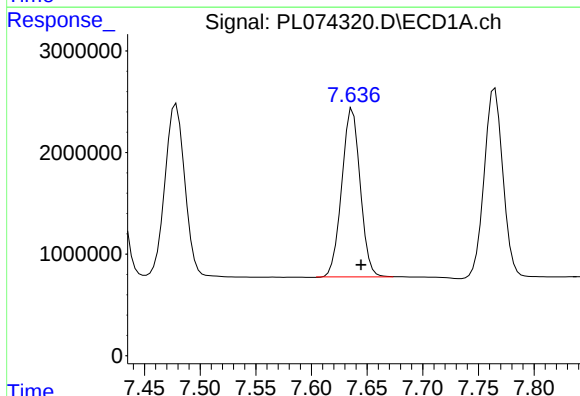
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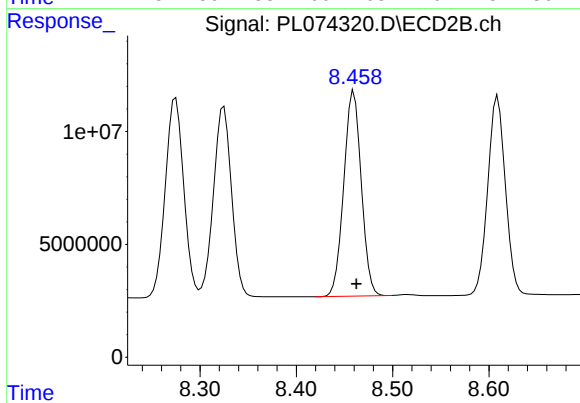
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 118698574
Conc: 55.14 ng/ml



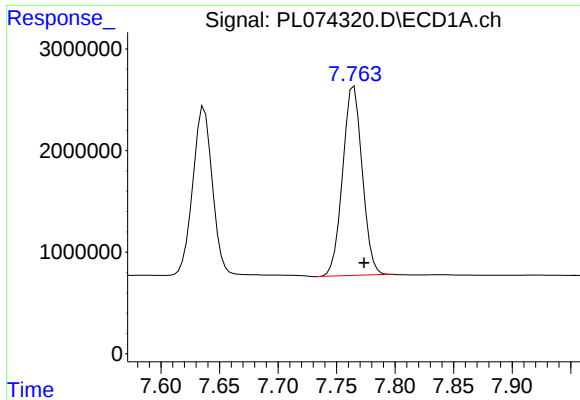
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 19114020
Conc: 52.39 ng/ml m



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 114431521
Conc: 57.45 ng/ml



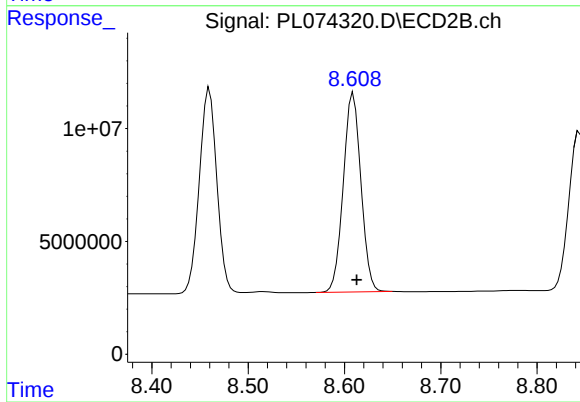
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 21642621
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

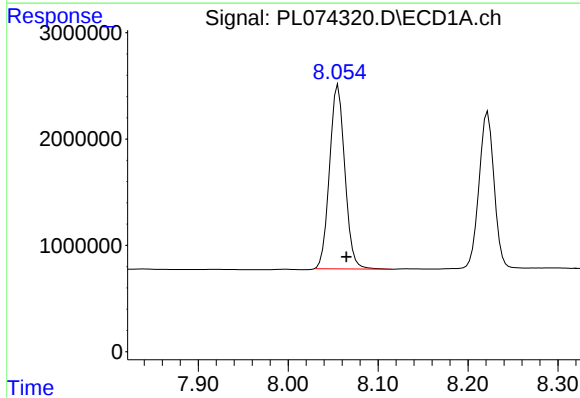
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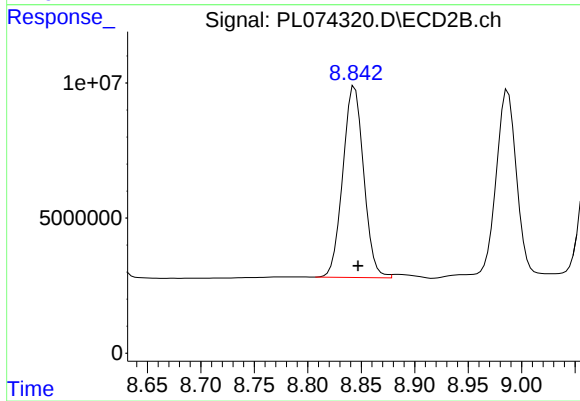
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 111878297
Conc: 55.79 ng/ml



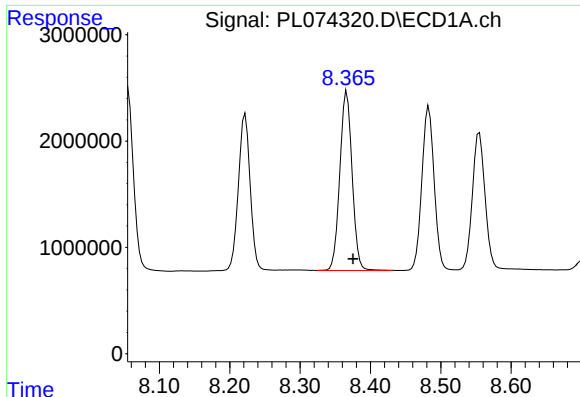
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 20436989
Conc: 50.31 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 96212575
Conc: 56.81 ng/ml



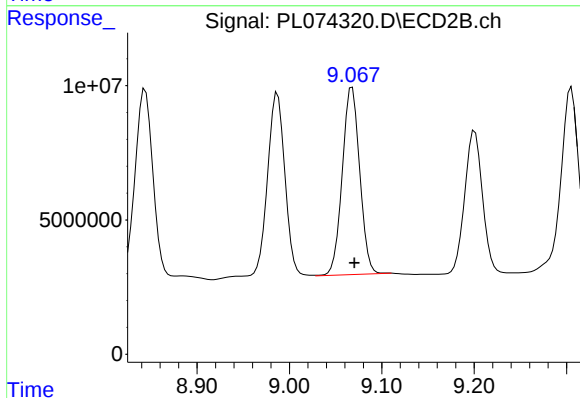
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 20472859
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

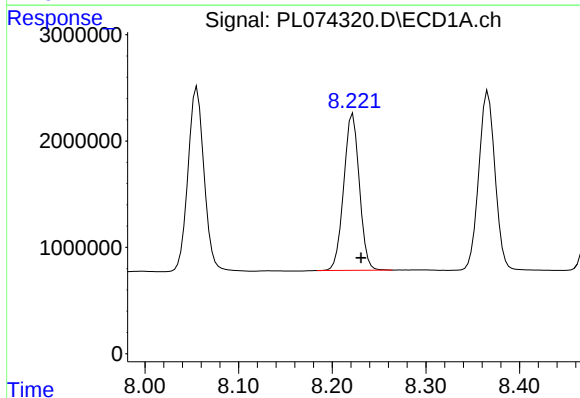
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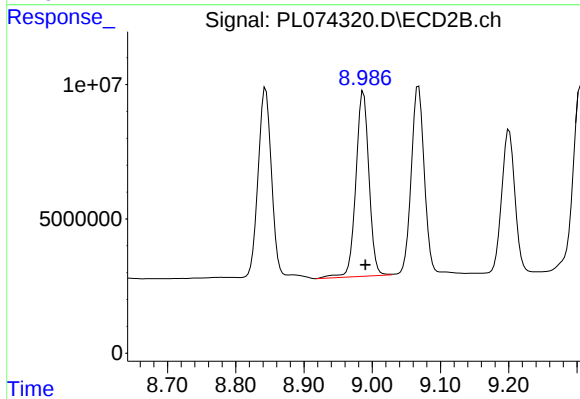
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 91642547
Conc: 52.75 ng/ml



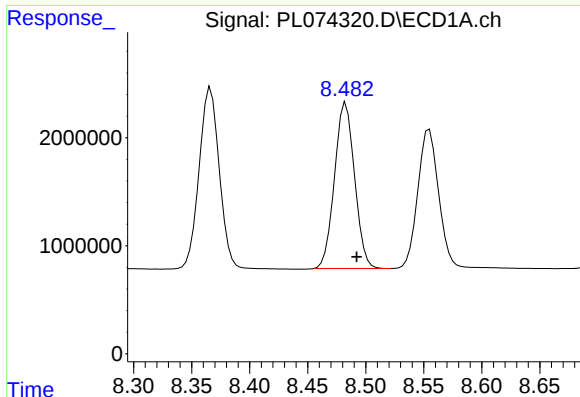
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 17064565
Conc: 52.84 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 92015491
Conc: 59.80 ng/ml



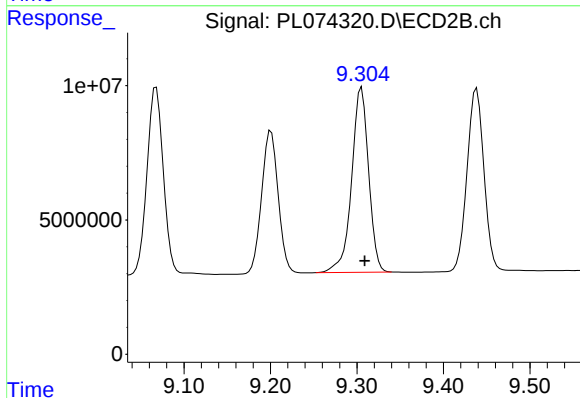
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 18498084
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

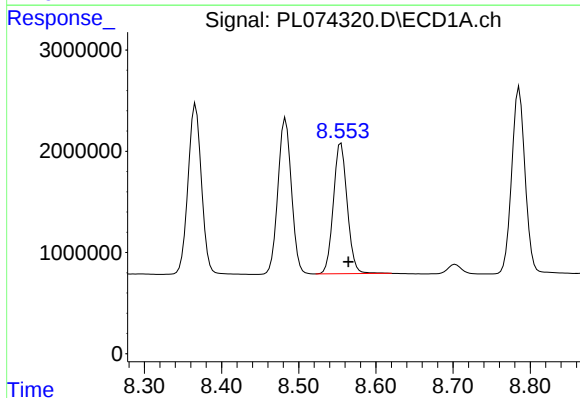
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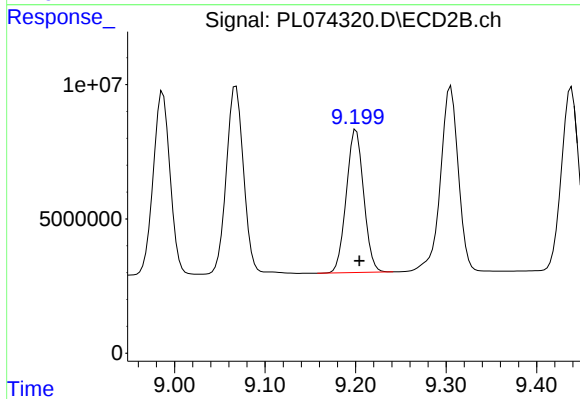
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 93857527
Conc: 52.95 ng/ml



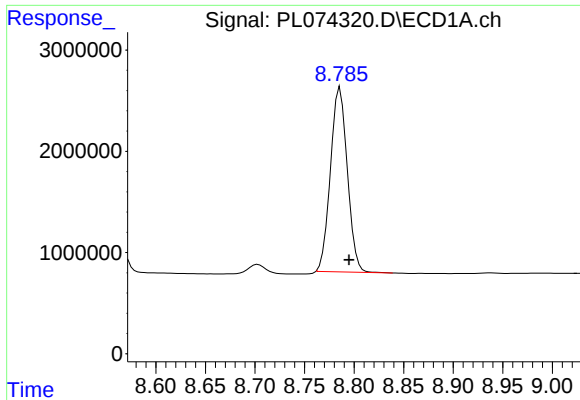
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 16148238
Conc: 49.91 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 70961777
Conc: 54.94 ng/ml



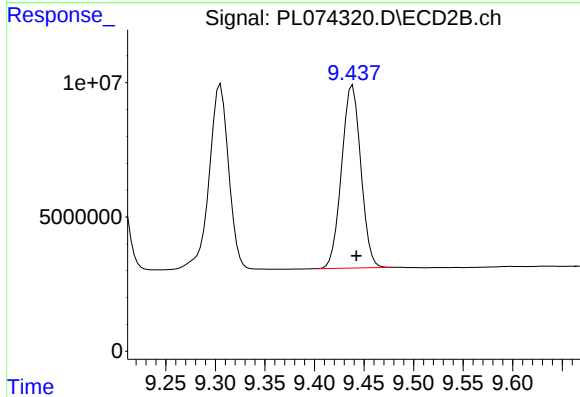
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 21562802
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

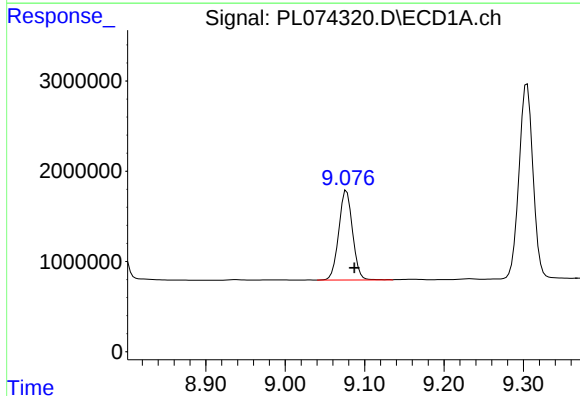
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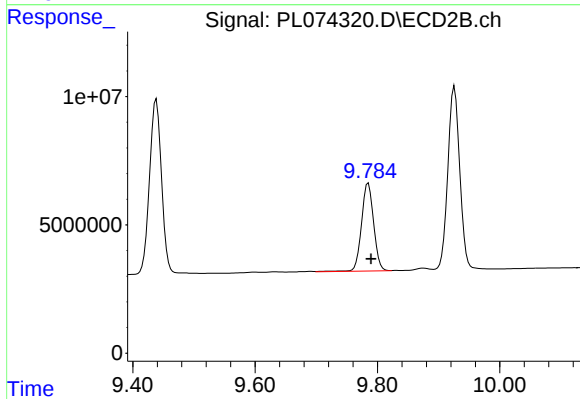
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 92095356
Conc: 55.33 ng/ml



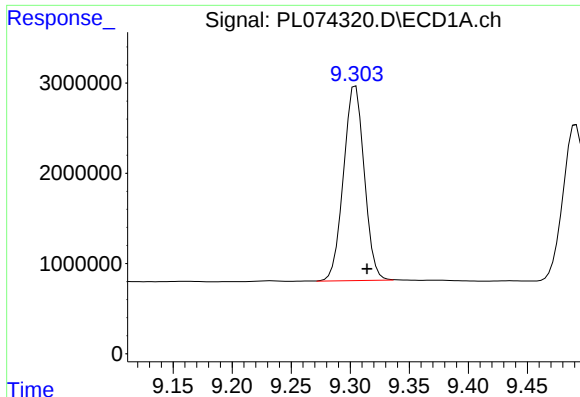
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 11985115
Conc: 48.27 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 47133039
Conc: 49.00 ng/ml



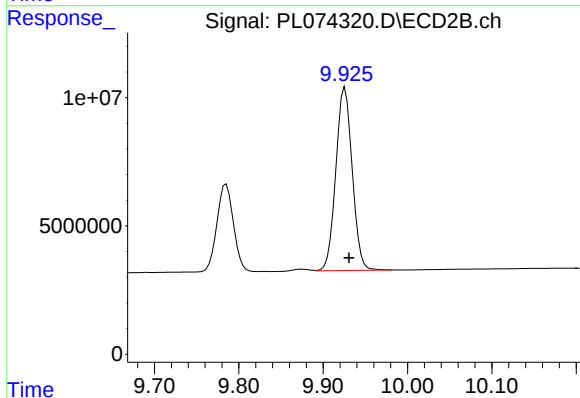
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 26399415
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

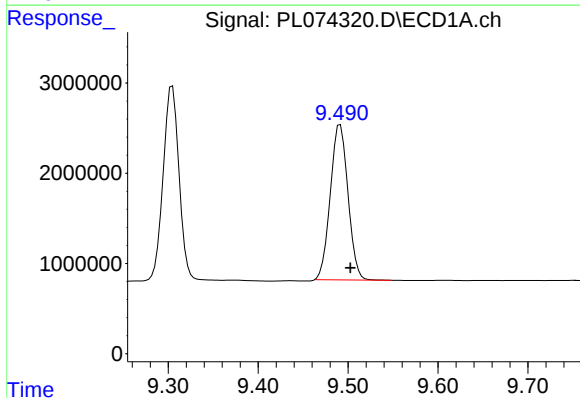
Manual Integrations
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Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



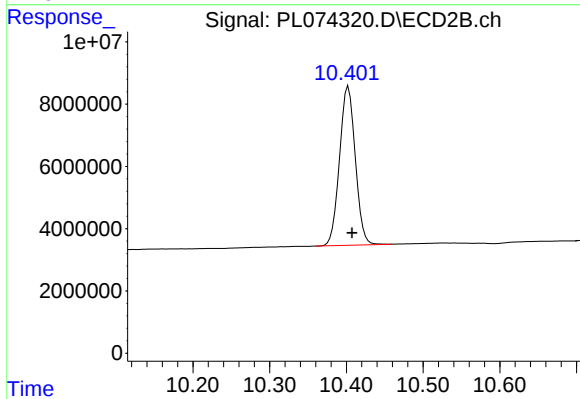
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 96548414
Conc: 55.78 ng/ml



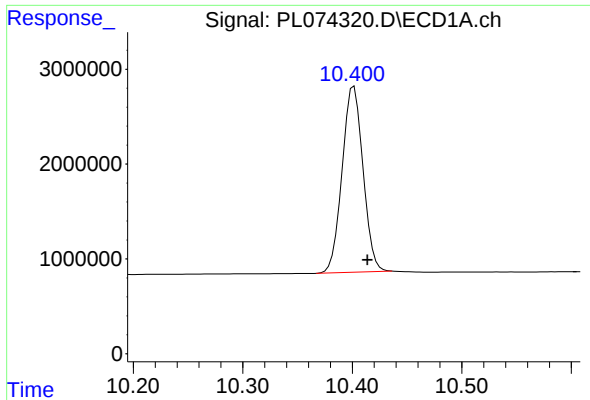
#22 Mirex

R.T.: 9.491 min
Delta R.T.: -0.011 min
Response: 23520754
Conc: 50.43 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 73054792
Conc: 53.04 ng/ml



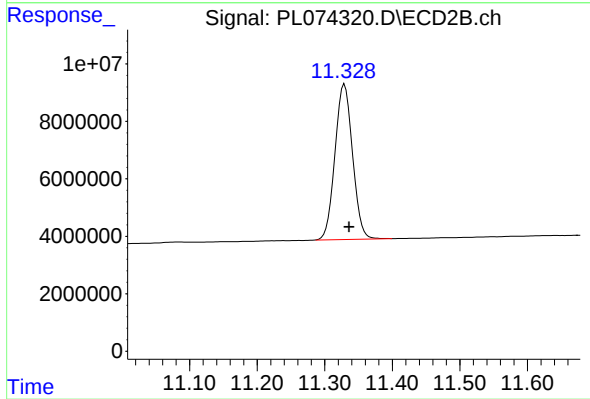
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 25965039
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 97975002
Conc: 55.47 ng/ml