

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040922\
 Data File : PL073917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 17:23
 Operator : AR\AJ
 Sample : PB143981BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB143981BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/12/2022
 Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 11 00:22:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.645	5.489	6221203	34644382	19.254	19.431
28) SA Decachlor...	10.417	11.337	10813393	36708930	20.794	20.783
Target Compounds						
2) A alpha-BHC	5.353	6.053	20052258	127.6E6	47.782	50.690
3) MA gamma-BHC...	5.777	6.442	19952831	120.5E6	47.575	50.888
4) MA Heptachlor	6.188	7.102	21667966	129.7E6	48.102	49.720
5) MB Aldrin	6.513	7.470	19916160	119.1E6	47.985	50.690
6) B beta-BHC	6.157	6.679	9660671	53093094	47.280	47.109
7) B delta-BHC	6.419	6.947	19820768	120.9E6	47.914	49.518
8) B Heptachlo...	7.089	7.927	20904732	112.6E6	48.736	50.015
9) A Endosulfan I	7.493	8.328	20019572	102.2E6	48.814	51.934
10) B gamma-Chl...	7.367	8.194	21177864	112.6E6	48.286	50.494m
11) B alpha-Chl...	7.436	8.278	21459814	111.9E6	48.576	51.967
12) B 4,4'-DDE	7.651	8.463	17901872	102.9E6	49.071	51.666
13) MA Dieldrin	7.779	8.613	20692490	102.5E6	48.170	51.105
14) MA Endrin	8.070	8.848	19884893	88937381	48.949	52.512
15) B Endosulfa...	8.380	9.072	19362993	84321984	46.979	48.538
16) A 4,4'-DDD	8.236	8.991	16102830	86172439	49.865	56.007
17) MA 4,4'-DDT	8.497	9.309	18099072	88446077	48.964	49.894
18) B Endrin al...	8.569	9.205	15751294	65111473	48.682	50.411
19) B Endosulfa...	8.800	9.442	20774731	83761689	48.650	50.328
20) A Methoxychlor	9.093	9.790	12134328	50905913	48.876	52.925
21) B Endrin ke...	9.319	9.931	24252056	88827116	49.641	51.317
22) Mirex	9.506	10.408	25699106	79094987	55.101	57.423

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040922\
Data File : PL073917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2022 17:23
Operator : AR\AJ
Sample : PB143981BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

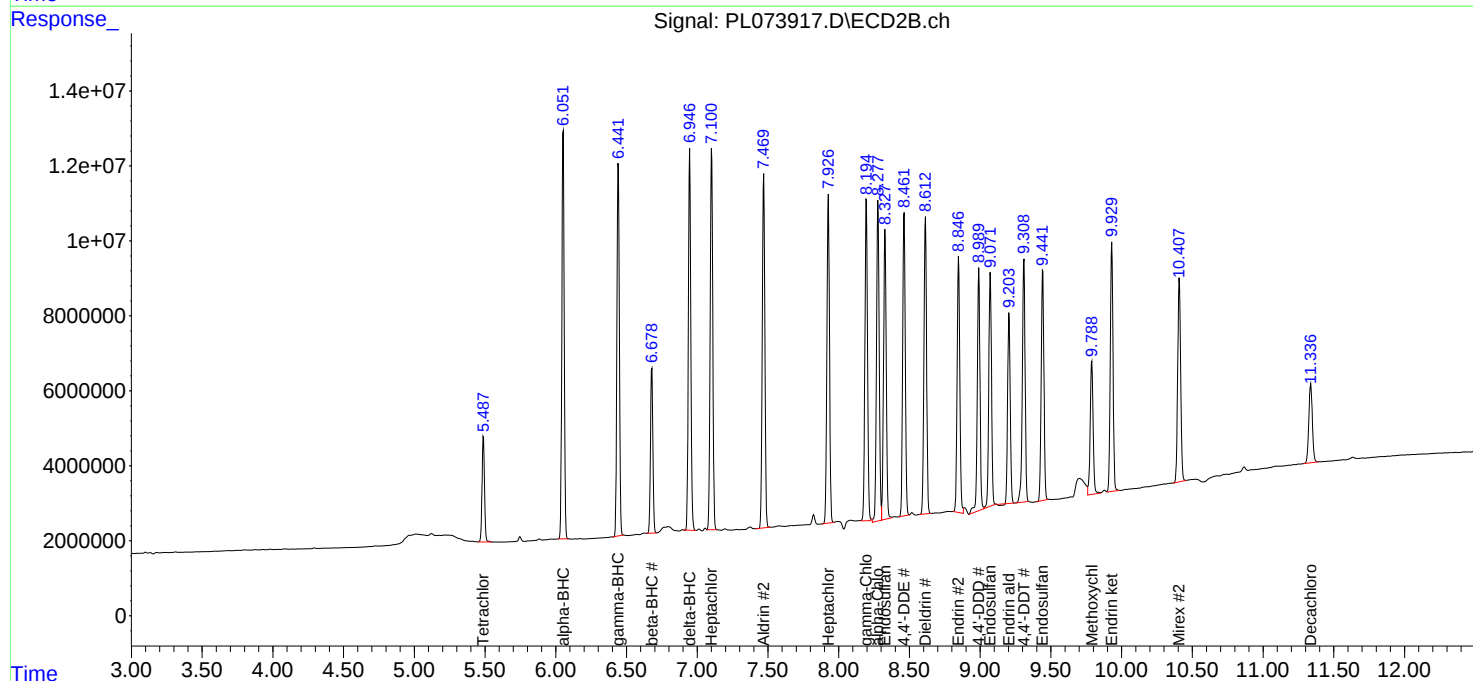
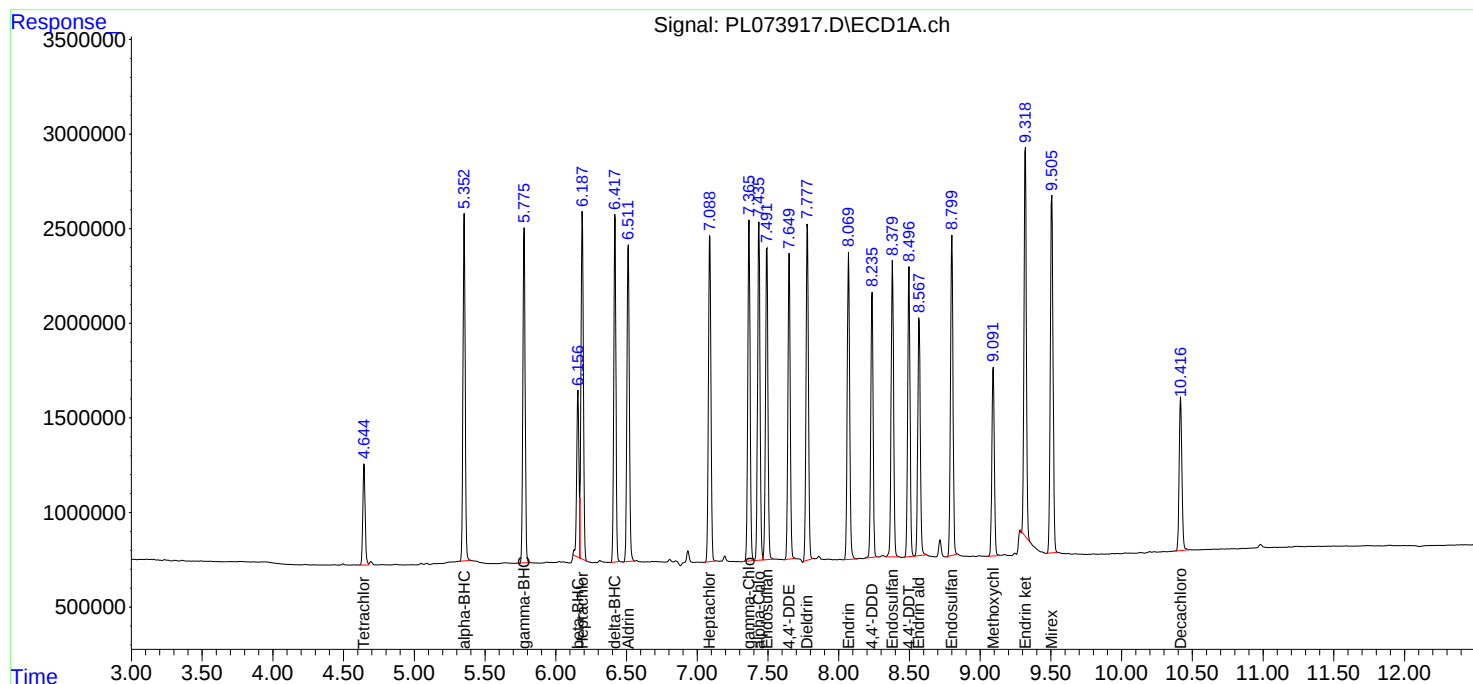
Instrument :
ECD_L
ClientSampleId :
PB143981BSD

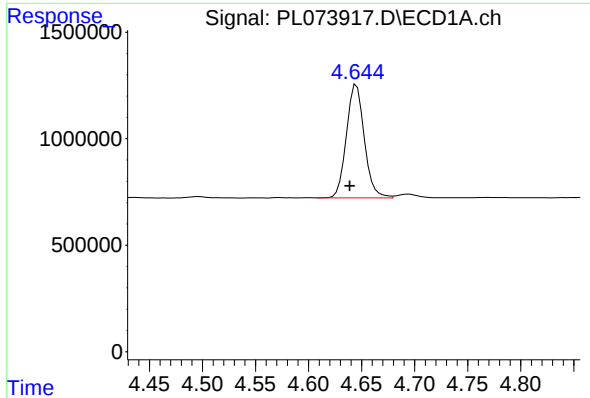
Manual Integrations
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Supervised By :mohammad ahmed 04/13/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 11 00:22:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Fri Apr 08 15:48:40 2022
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





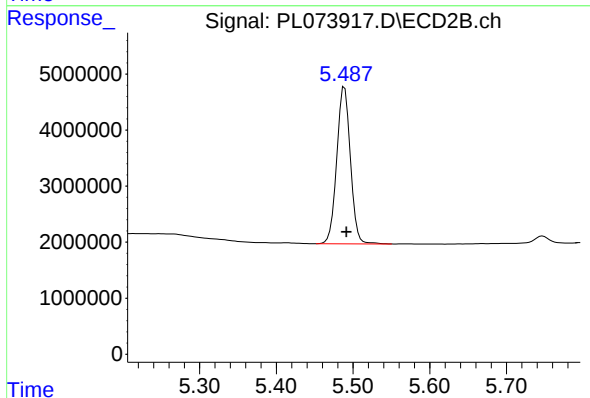
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.006 min
Response: 6221203
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

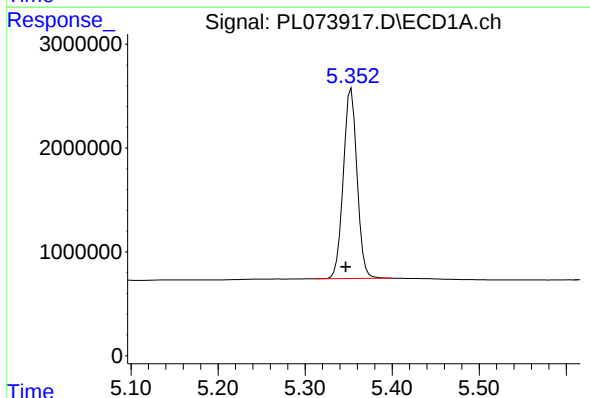
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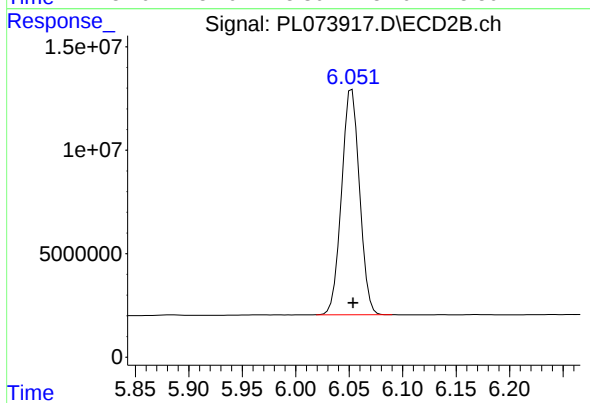
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 34644382
Conc: 19.43 ng/ml



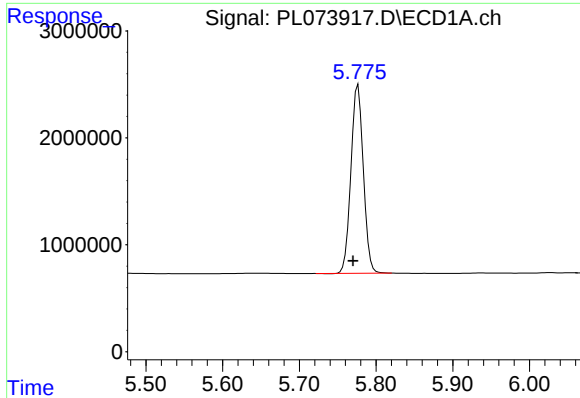
#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: 0.006 min
Response: 20052258
Conc: 47.78 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 127642488
Conc: 50.69 ng/ml



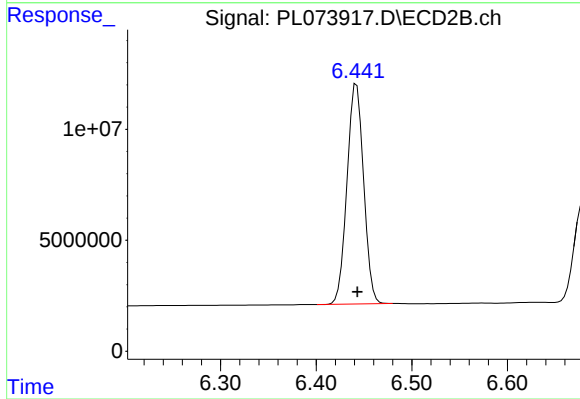
#3 gamma-BHC (Lindane)

R.T.: 5.777 min
Delta R.T.: 0.006 min
Response: 19952831
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

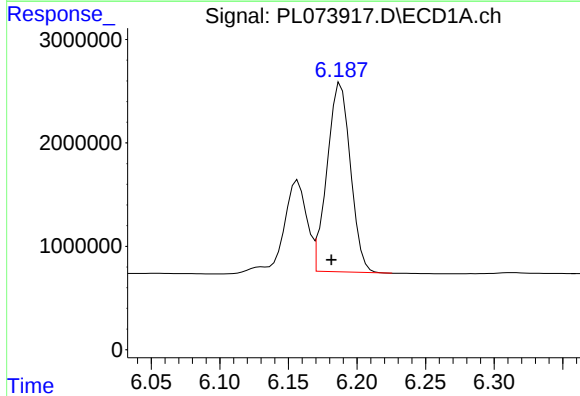
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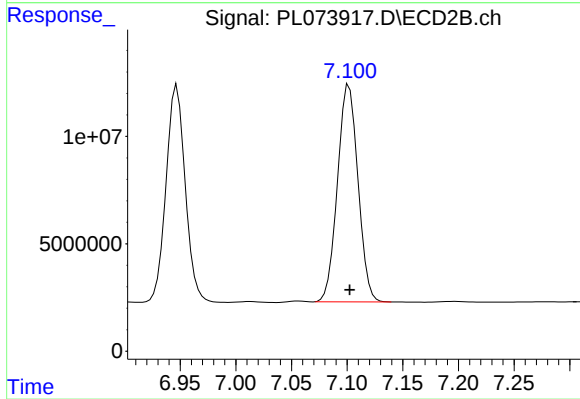
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 120457750
Conc: 50.89 ng/ml



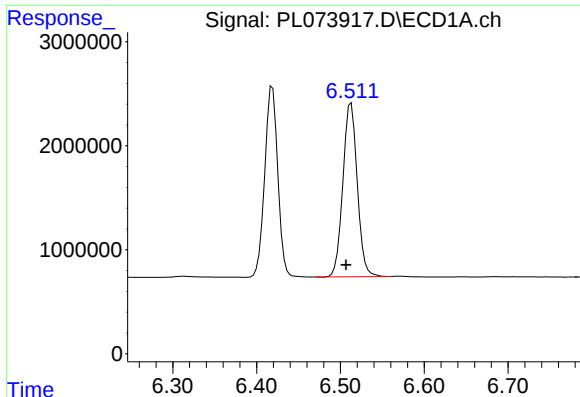
#4 Heptachlor

R.T.: 6.188 min
Delta R.T.: 0.007 min
Response: 21667966
Conc: 48.10 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 129690374
Conc: 49.72 ng/ml



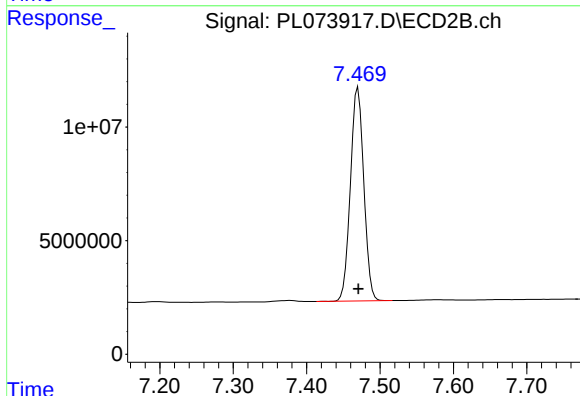
#5 Aldrin

R.T.: 6.513 min
Delta R.T.: 0.006 min
Response: 19916160
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

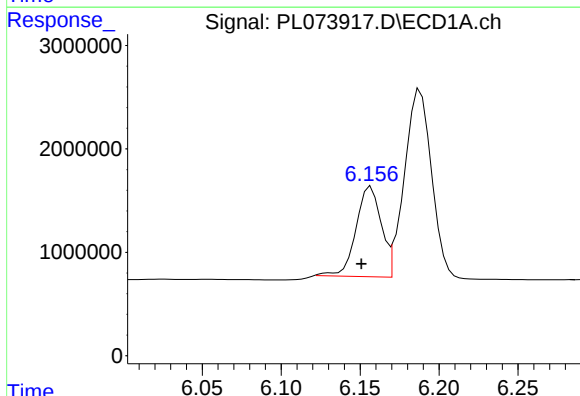
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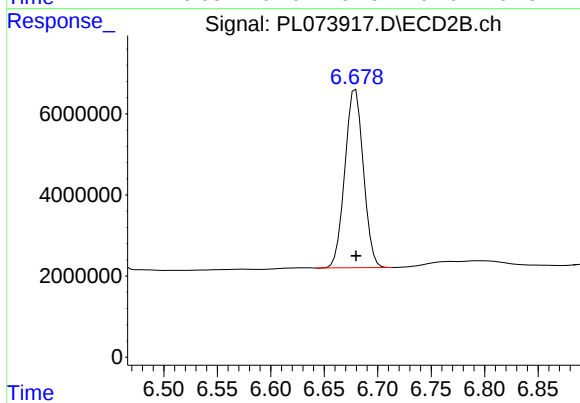
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 119050693
Conc: 50.69 ng/ml



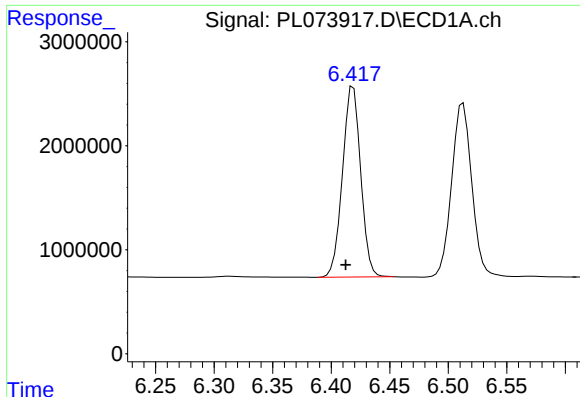
#6 beta-BHC

R.T.: 6.157 min
Delta R.T.: 0.006 min
Response: 9660671
Conc: 47.28 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 53093094
Conc: 47.11 ng/ml



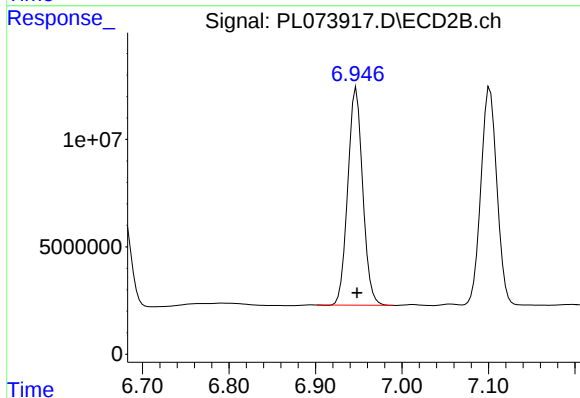
#7 delta-BHC

R.T.: 6.419 min
Delta R.T.: 0.006 min
Response: 19820768
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

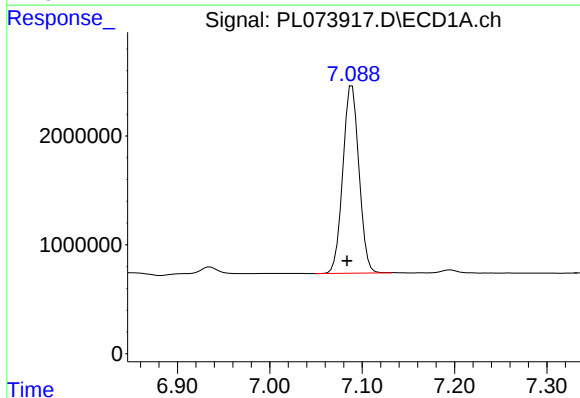
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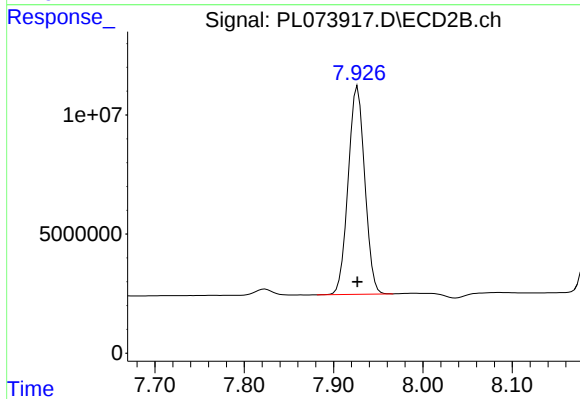
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 120937675
Conc: 49.52 ng/ml



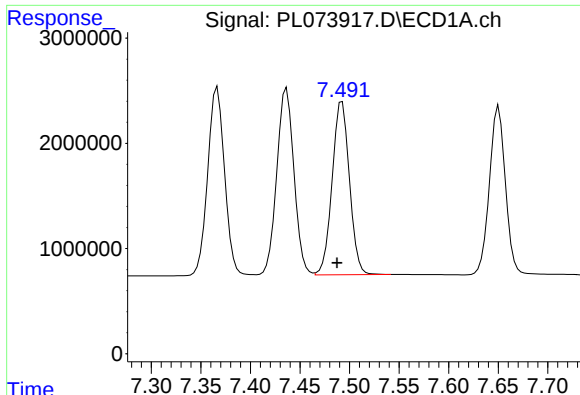
#8 Heptachlor epoxide

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 20904732
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 112612284
Conc: 50.02 ng/ml



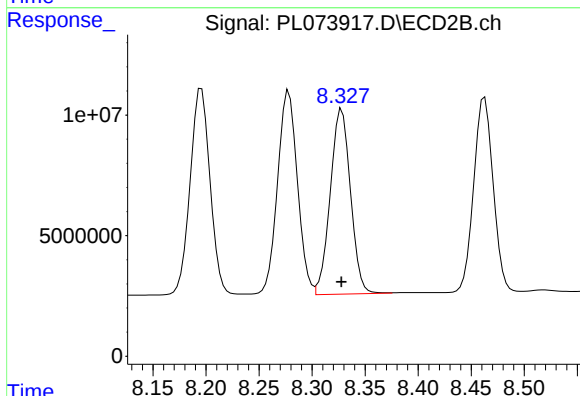
#9 Endosulfan I

R.T.: 7.493 min
Delta R.T.: 0.005 min
Response: 20019572
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

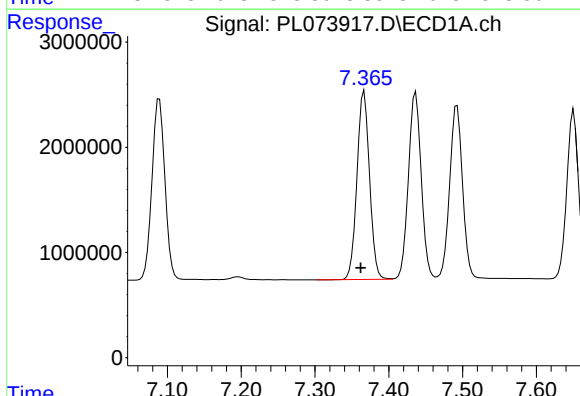
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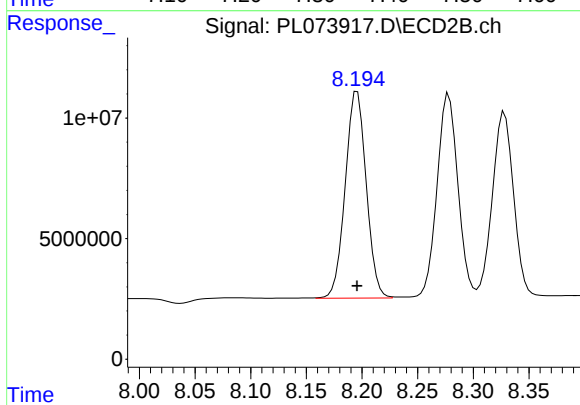
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 102241260
Conc: 51.93 ng/ml



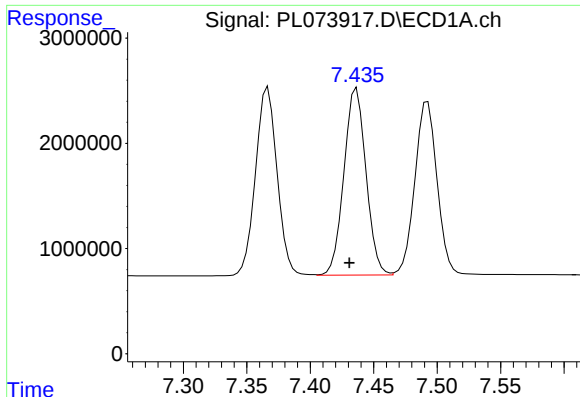
#10 gamma-Chlordane

R.T.: 7.367 min
Delta R.T.: 0.005 min
Response: 21177864
Conc: 48.29 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 112619963
Conc: 50.49 ng/ml m



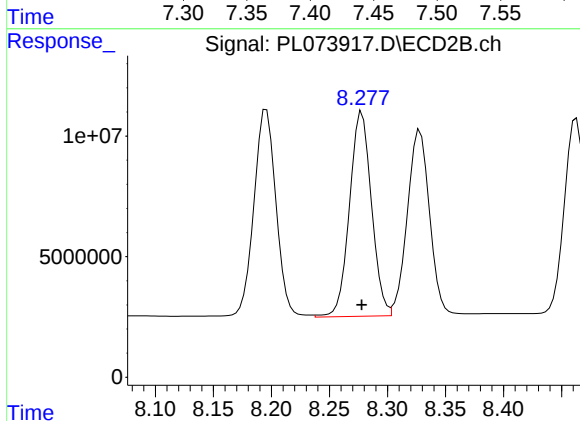
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: 0.006 min
Response: 21459814
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

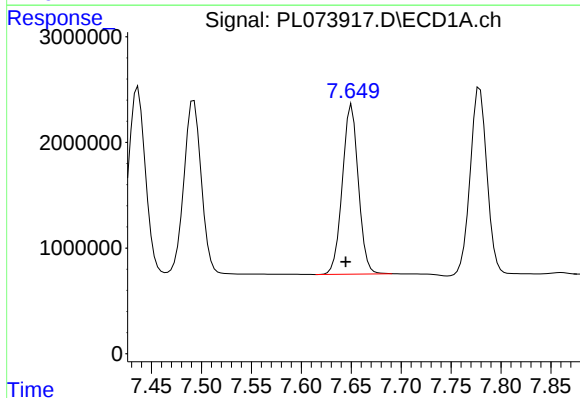
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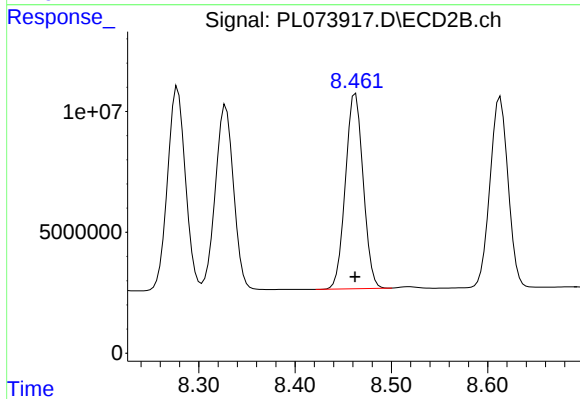
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 111863480
Conc: 51.97 ng/ml



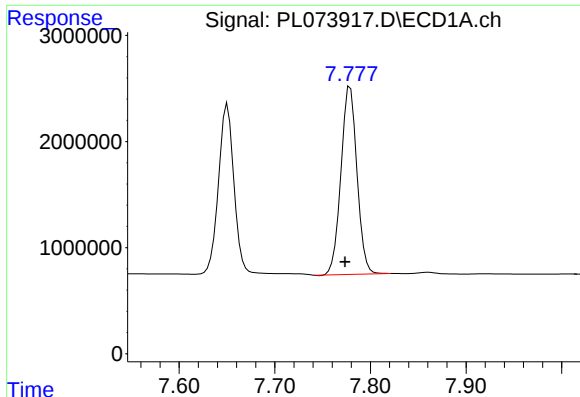
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 17901872
Conc: 49.07 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 102903064
Conc: 51.67 ng/ml



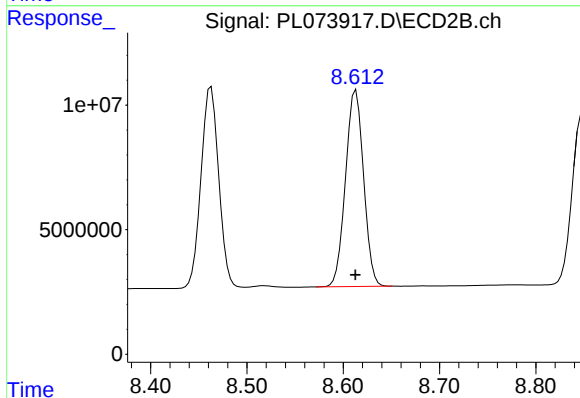
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.005 min
Response: 20692490
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

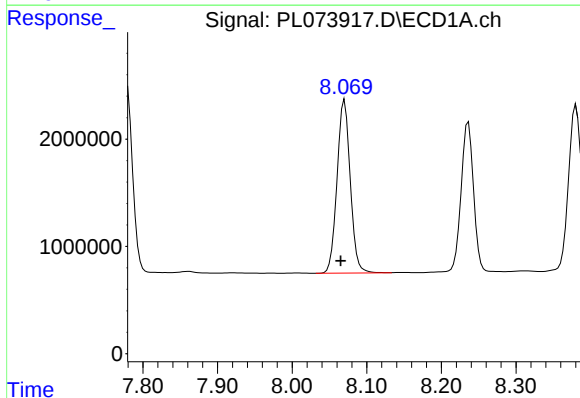
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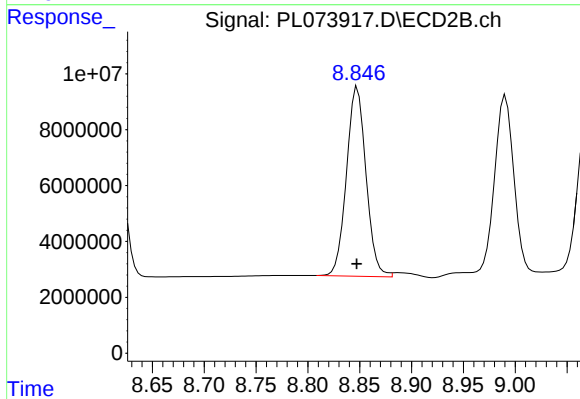
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.000 min
Response: 102479911
Conc: 51.10 ng/ml



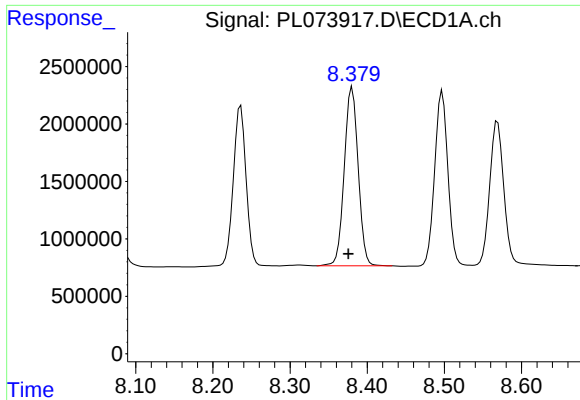
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.005 min
Response: 19884893
Conc: 48.95 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 88937381
Conc: 52.51 ng/ml



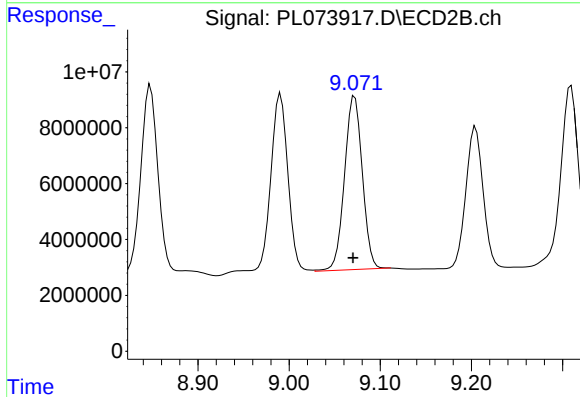
#15 Endosulfan II

R.T.: 8.380 min
Delta R.T.: 0.005 min
Response: 19362993
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

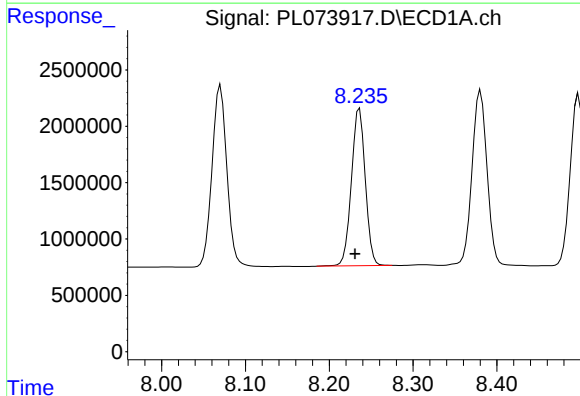
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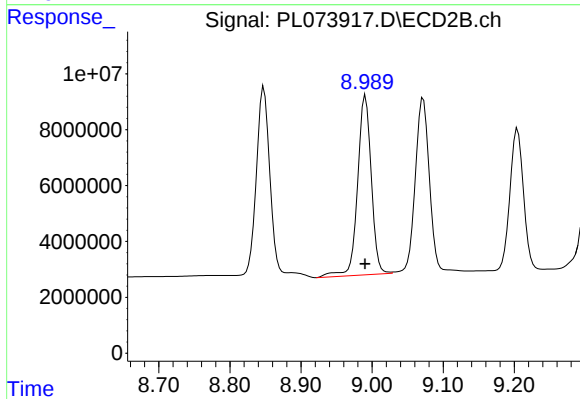
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 84321984
Conc: 48.54 ng/ml



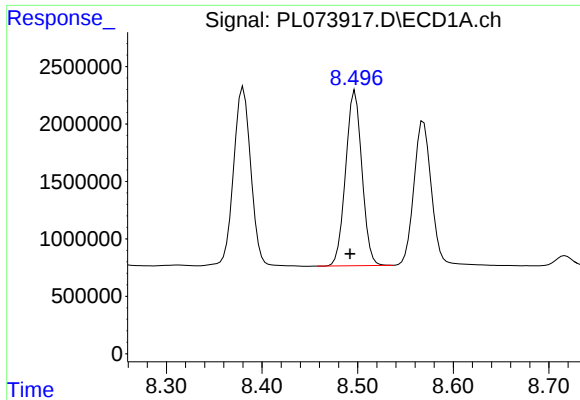
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: 0.006 min
Response: 16102830
Conc: 49.87 ng/ml



#16 4,4'-DDD

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 86172439
Conc: 56.01 ng/ml



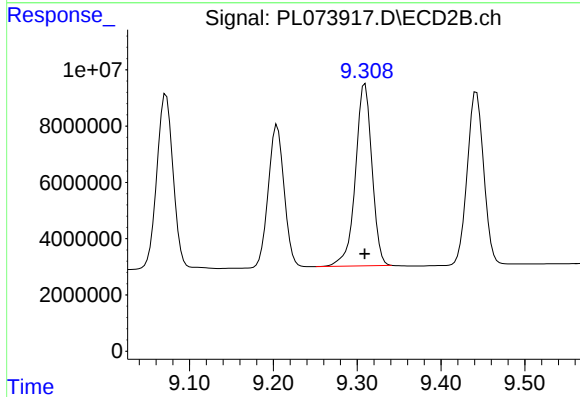
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 18099072
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

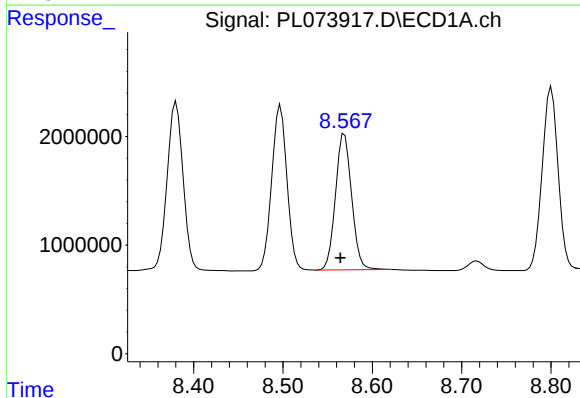
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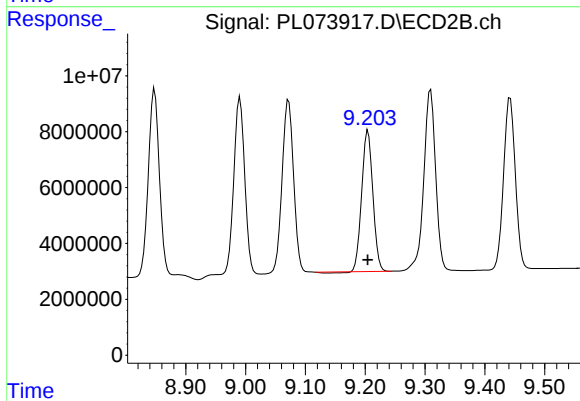
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 88446077
Conc: 49.89 ng/ml



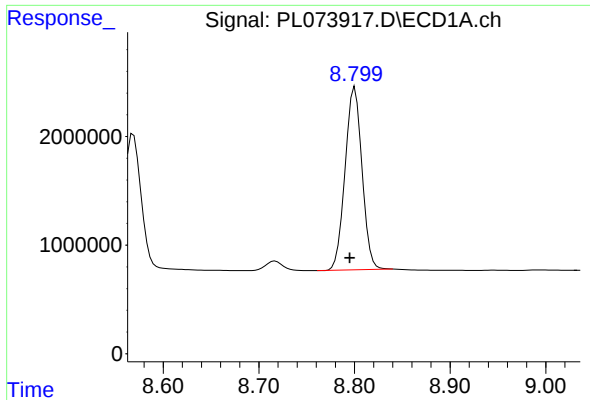
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: 0.005 min
Response: 15751294
Conc: 48.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.205 min
Delta R.T.: 0.000 min
Response: 65111473
Conc: 50.41 ng/ml



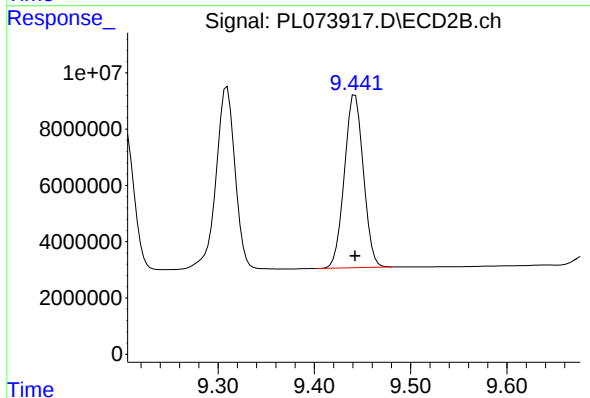
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 20774731
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

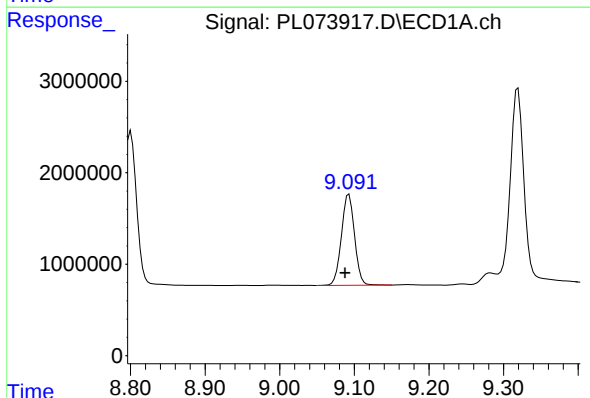
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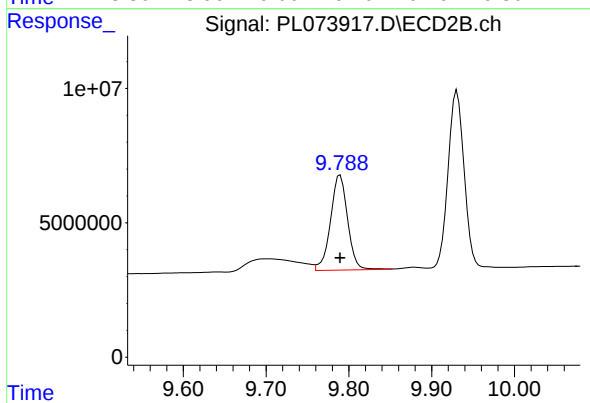
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.000 min
Response: 83761689
Conc: 50.33 ng/ml



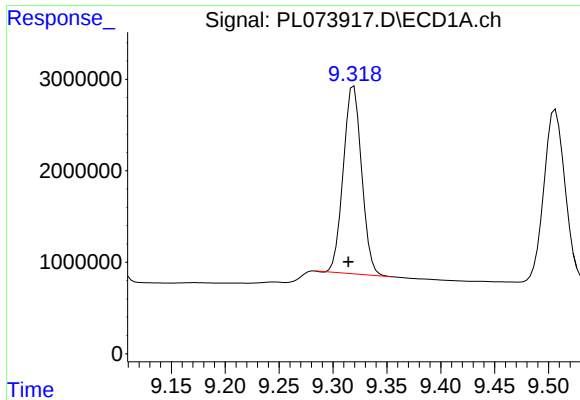
#20 Methoxychlor

R.T.: 9.093 min
Delta R.T.: 0.005 min
Response: 12134328
Conc: 48.88 ng/ml



#20 Methoxychlor

R.T.: 9.790 min
Delta R.T.: 0.000 min
Response: 50905913
Conc: 52.93 ng/ml



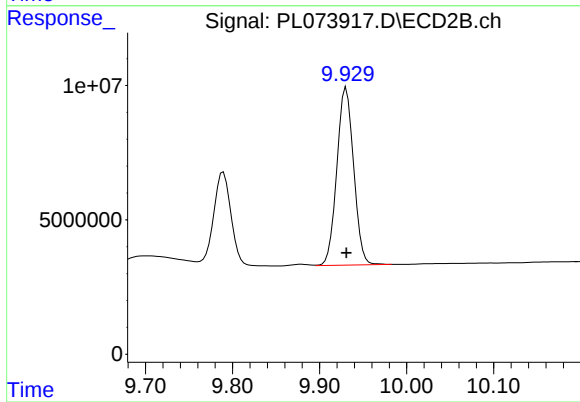
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: 0.005 min
Response: 24252056
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

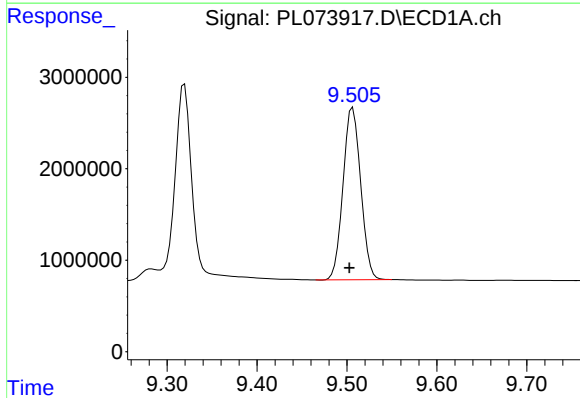
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/13/2022



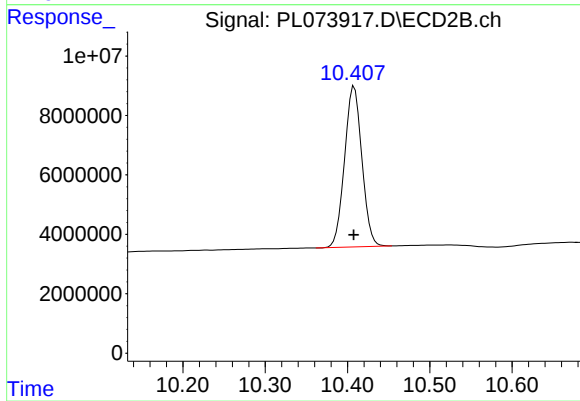
#21 Endrin ketone

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 88827116
Conc: 51.32 ng/ml



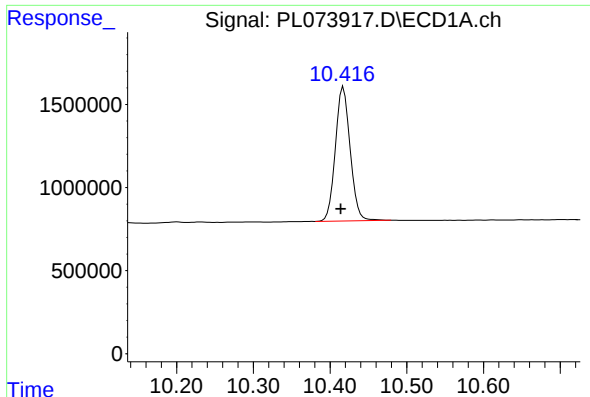
#22 Mirex

R.T.: 9.506 min
Delta R.T.: 0.004 min
Response: 25699106
Conc: 55.10 ng/ml



#22 Mirex

R.T.: 10.408 min
Delta R.T.: 0.000 min
Response: 79094987
Conc: 57.42 ng/ml



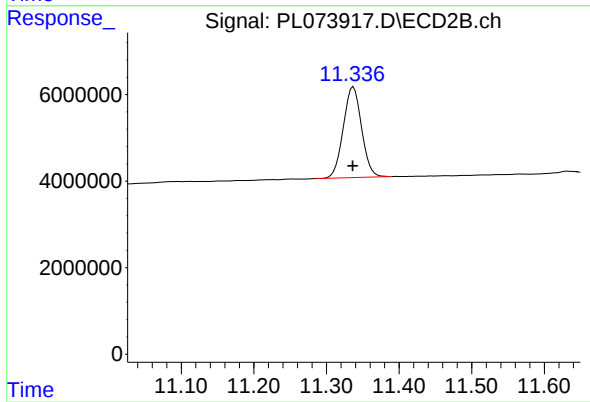
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: 0.003 min
Response: 10813393
Conc: 20.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB143981BSD

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#28 Decachlorobiphenyl

R.T.: 11.337 min
Delta R.T.: 0.001 min
Response: 36708930
Conc: 20.78 ng/ml