

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 12:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:21:59 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...	4.653	5.488	16888870	92151691	52.270	51.684
28) SA Decachlor...	10.422	11.330	23218477	85927274	44.648	48.648
Target Compounds						
2) A alpha-BHC	5.360	6.051	22254314	135.2E6	53.029	53.685
3) MA gamma-BHC...	5.784	6.440	21955100	125.8E6	52.349	53.157
4) MA Heptachlor	6.194	7.099	23290760	131.5E6	51.705	50.409
5) MB Aldrin	6.519	7.468	21852534	122.9E6	52.650	52.324
6) B beta-BHC	6.164	6.678	10927049	56827399	53.478	50.423
7) B delta-BHC	6.425	6.945	22075397	124.6E6	53.364	51.038
8) B Heptachlo...	7.095	7.924	22424835	113.6E6	52.280	50.444
9) A Endosulfan I	7.498	8.324	21313637	100.8E6	51.969	51.204
10) B gamma-Chl...	7.373	8.192	22922558	112.7E6	52.264	50.533
11) B alpha-Chl...	7.442	8.275	23027161	109.7E6	52.124	50.953
12) B 4,4'-DDE	7.656	8.460	19258015	101.8E6	52.788	51.117
13) MA Dieldrin	7.783	8.609	22193519	100.2E6	51.664m	49.978
14) MA Endrin	8.075	8.844	20403795	87010931	50.227	51.374
15) B Endosulfa...	8.386	9.068	19917468	82180212	48.325	47.305
16) A 4,4'-DDD	8.241	8.985	16850000	77121781	52.179	50.125m
17) MA 4,4'-DDT	8.503	9.305	17934607	79872947	48.519	45.058
18) B Endrin al...	8.575	9.200	15636866	60204407	48.329	46.611
19) B Endosulfa...	8.805	9.438	20882994	78924125	48.904	47.421
20) A Methoxychlor	9.098	9.785	10831148	39832898	43.627	41.413
21) B Endrin ke...	9.325	9.926	24570857	84361323	50.293	48.737
22) Mirex	9.511	10.403	22284463	65093664	47.779	47.258

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
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 Acq On : 21 Apr 2022 12:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

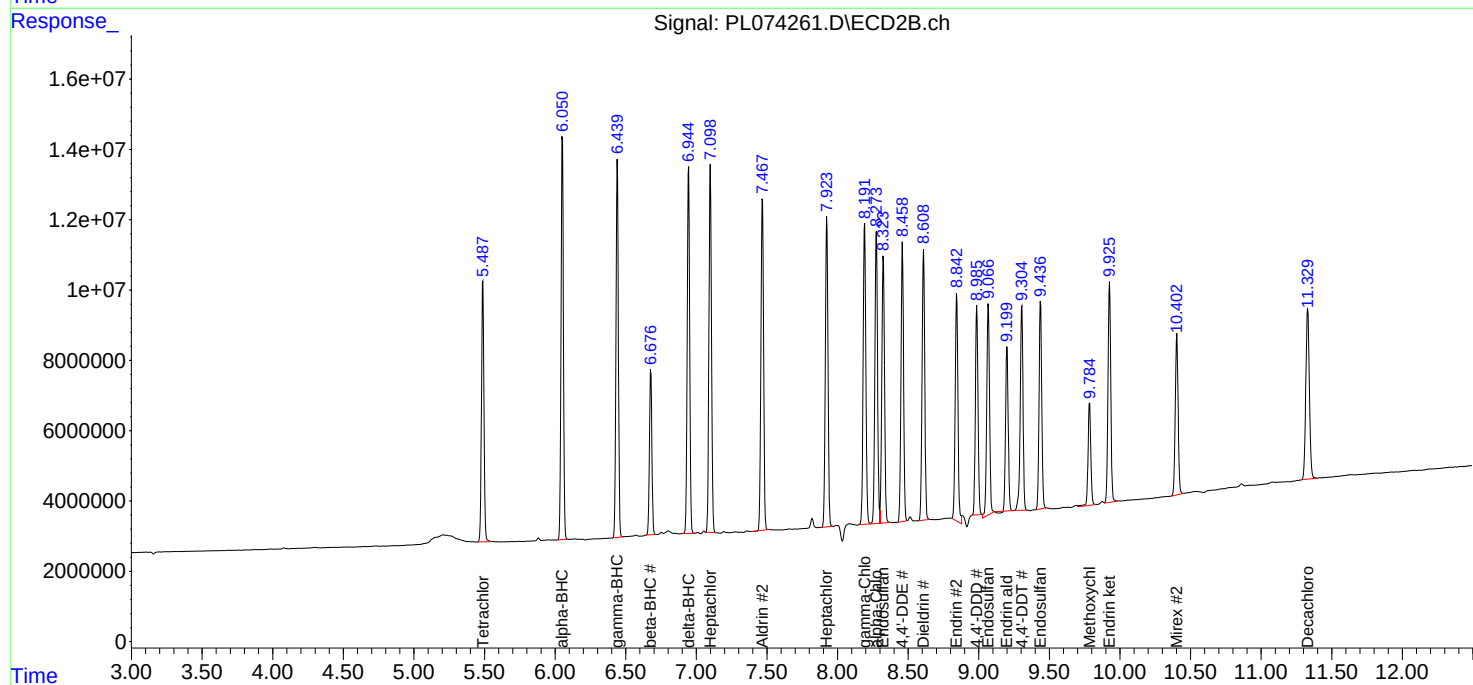
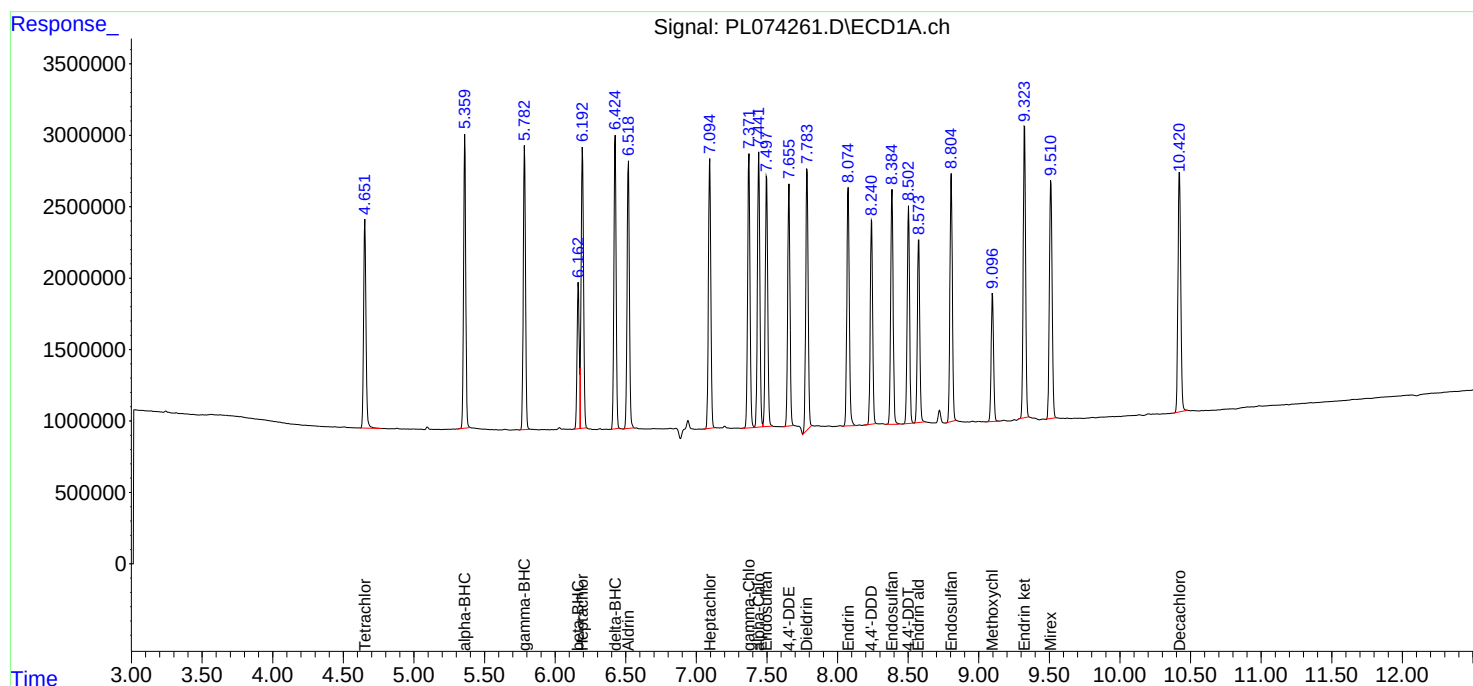
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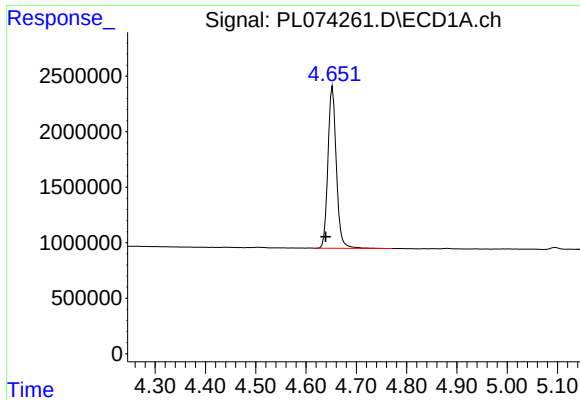
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:21:59 2022
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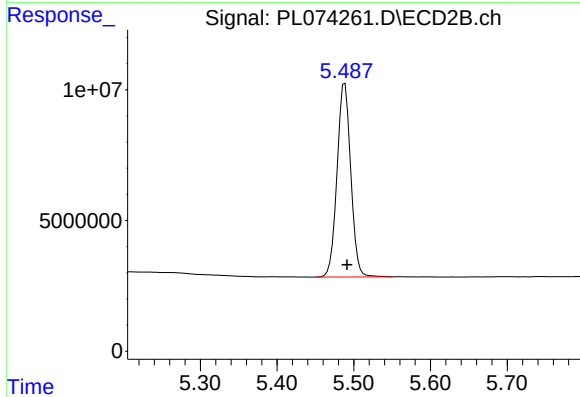
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: 0.014 min
Response: 16888870
Conc: 52.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

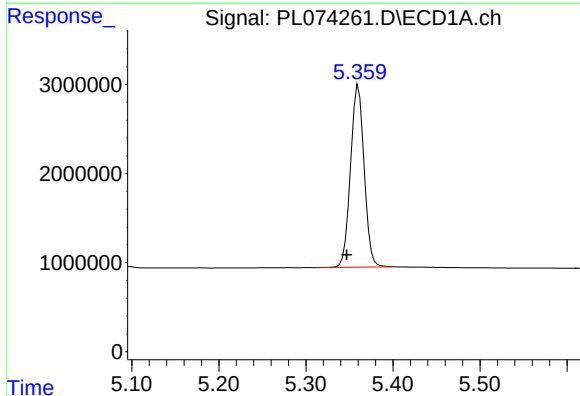
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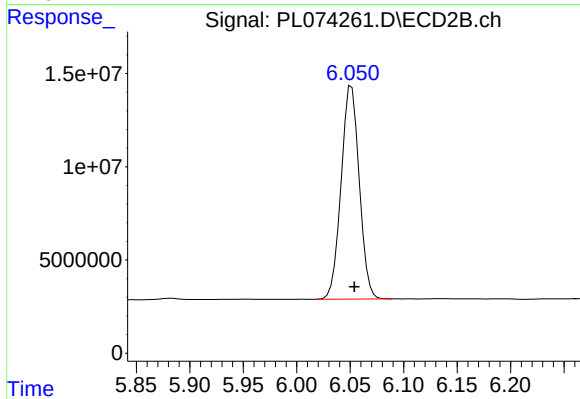
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 92151691
Conc: 51.68 ng/ml



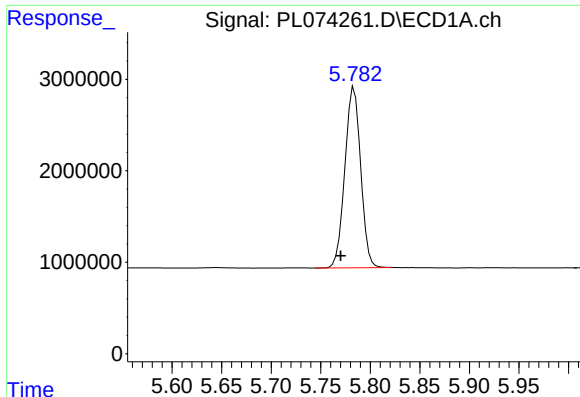
#2 alpha-BHC

R.T.: 5.360 min
Delta R.T.: 0.014 min
Response: 22254314
Conc: 53.03 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 135182979
Conc: 53.68 ng/ml



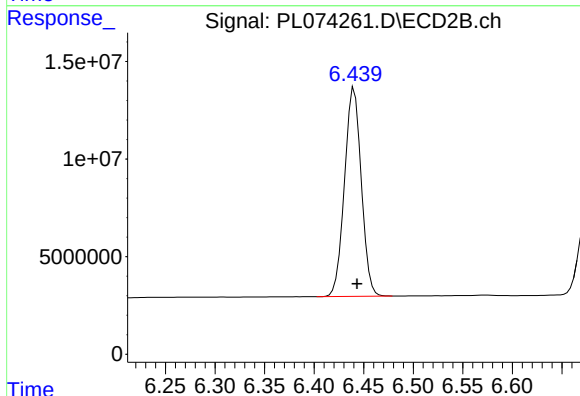
#3 gamma-BHC (Lindane)

R.T.: 5.784 min
Delta R.T.: 0.014 min
Response: 21955100
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

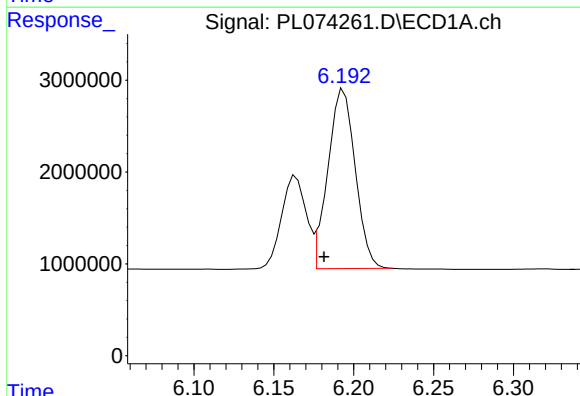
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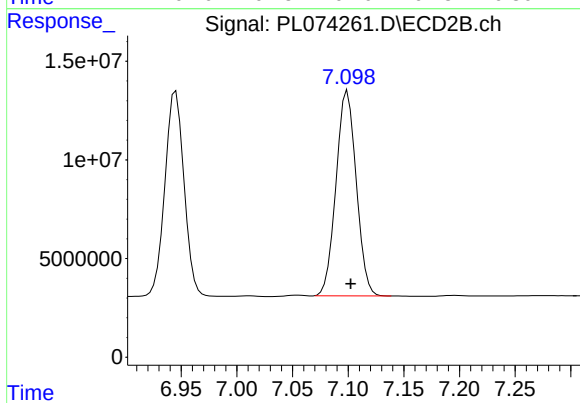
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 125828828
Conc: 53.16 ng/ml



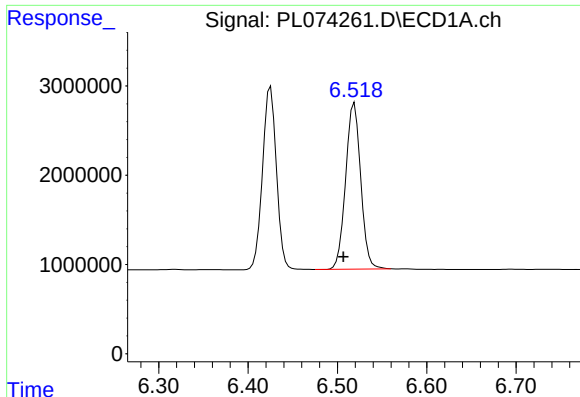
#4 Heptachlor

R.T.: 6.194 min
Delta R.T.: 0.012 min
Response: 23290760
Conc: 51.70 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 131489066
Conc: 50.41 ng/ml



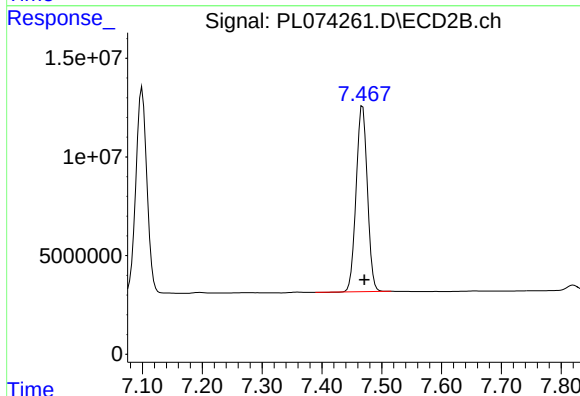
#5 Aldrin

R.T.: 6.519 min
Delta R.T.: 0.012 min
Response: 21852534
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

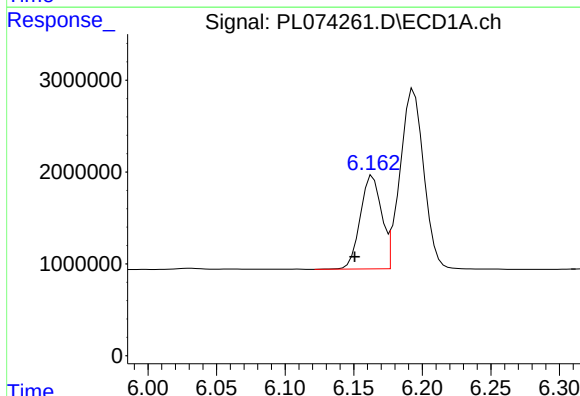
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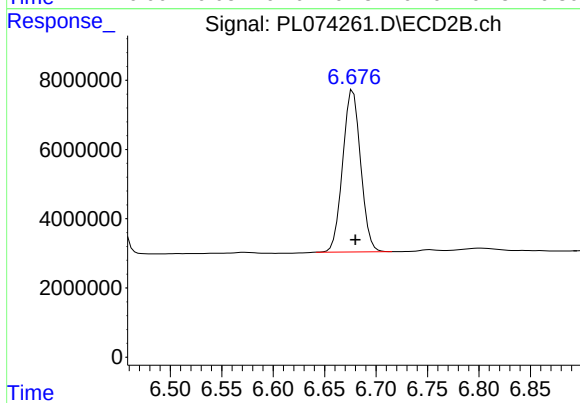
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 122888343
Conc: 52.32 ng/ml



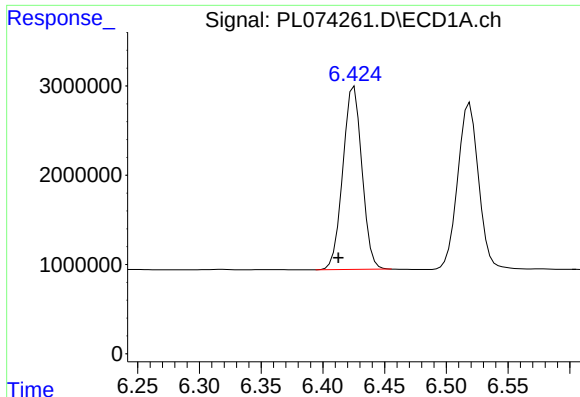
#6 beta-BHC

R.T.: 6.164 min
Delta R.T.: 0.013 min
Response: 10927049
Conc: 53.48 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 56827399
Conc: 50.42 ng/ml



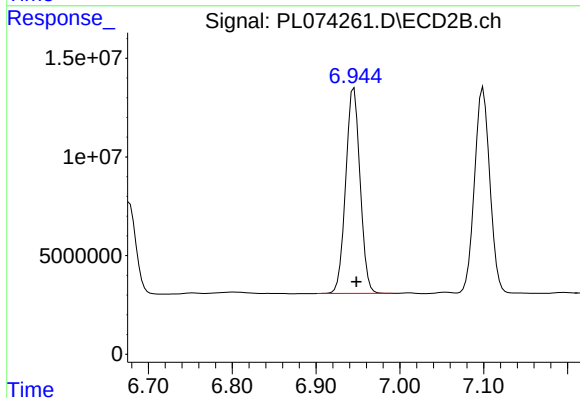
#7 delta-BHC

R.T.: 6.425 min
Delta R.T.: 0.013 min
Response: 22075397
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

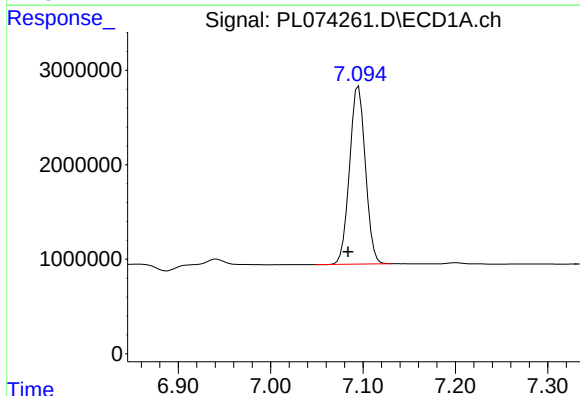
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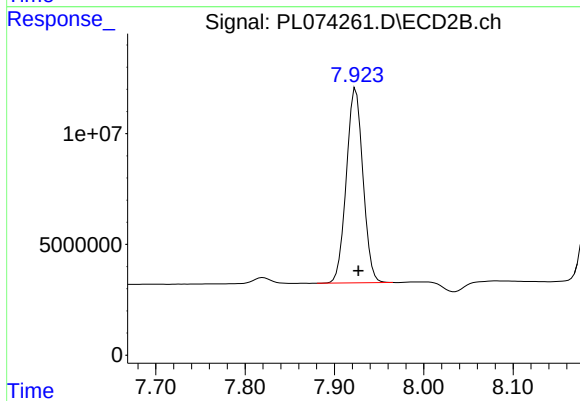
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 124649543
Conc: 51.04 ng/ml



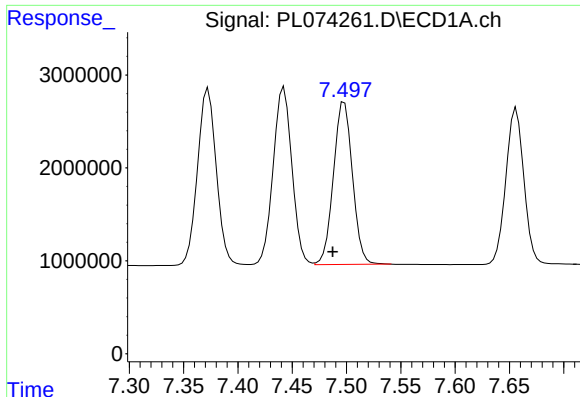
#8 Heptachlor epoxide

R.T.: 7.095 min
Delta R.T.: 0.011 min
Response: 22424835
Conc: 52.28 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 113577542
Conc: 50.44 ng/ml



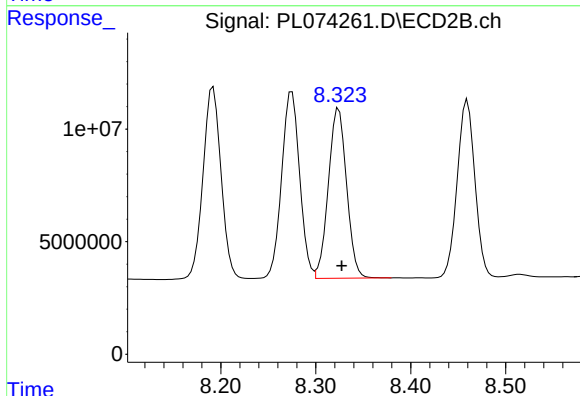
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.011 min
Response: 21313637
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

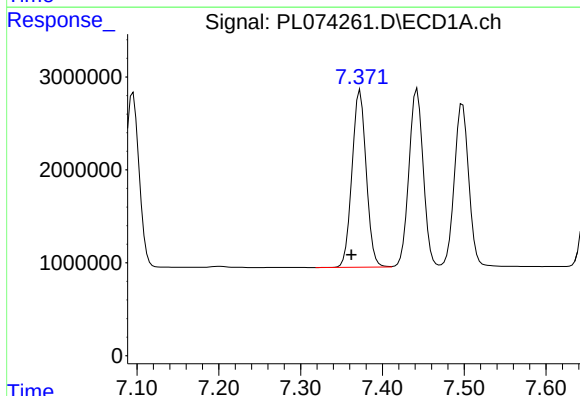
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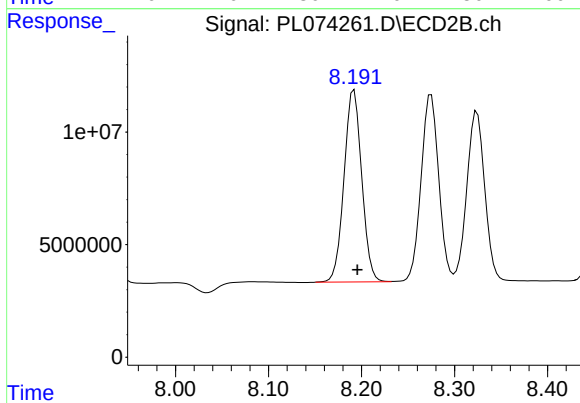
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 100803204
Conc: 51.20 ng/ml



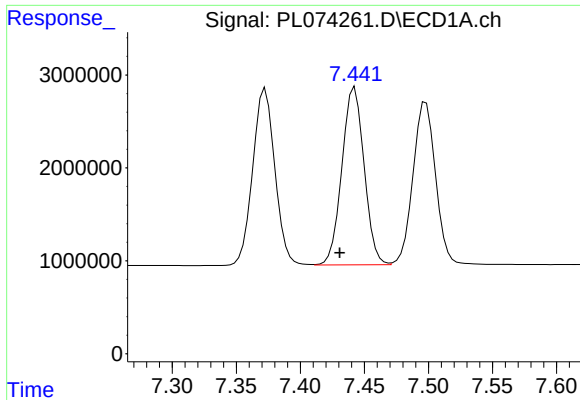
#10 gamma-Chlordane

R.T.: 7.373 min
Delta R.T.: 0.011 min
Response: 22922558
Conc: 52.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 112707431
Conc: 50.53 ng/ml



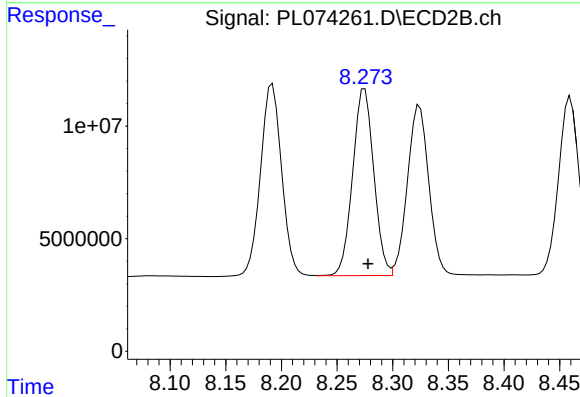
#11 alpha-Chlordane

R.T.: 7.442 min
Delta R.T.: 0.012 min
Response: 23027161
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

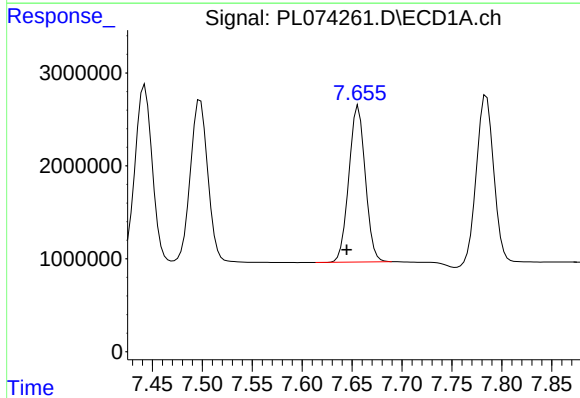
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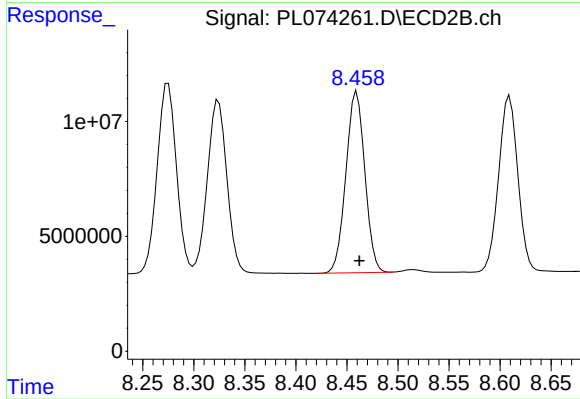
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 109681710
Conc: 50.95 ng/ml



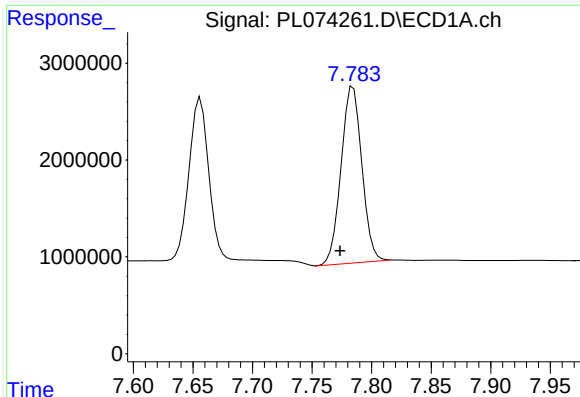
#12 4,4'-DDE

R.T.: 7.656 min
Delta R.T.: 0.012 min
Response: 19258015
Conc: 52.79 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 101810658
Conc: 51.12 ng/ml



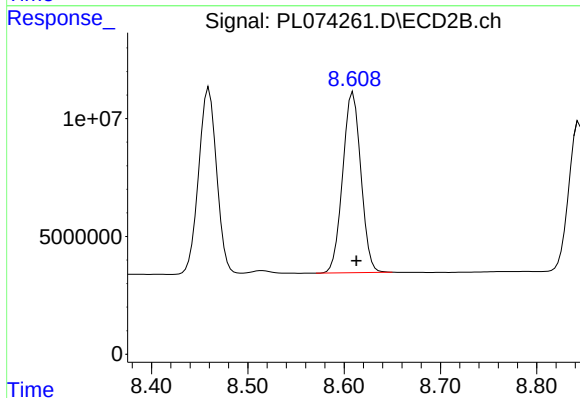
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.010 min
Response: 22193519
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

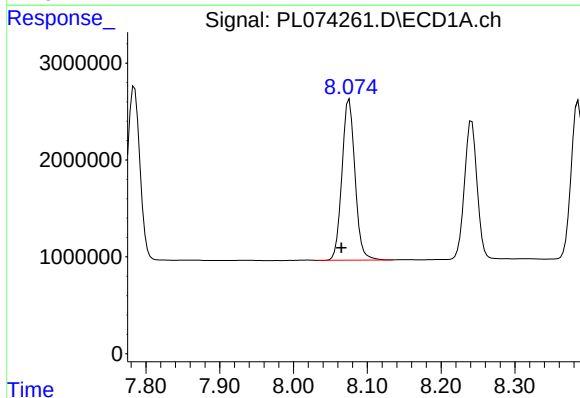
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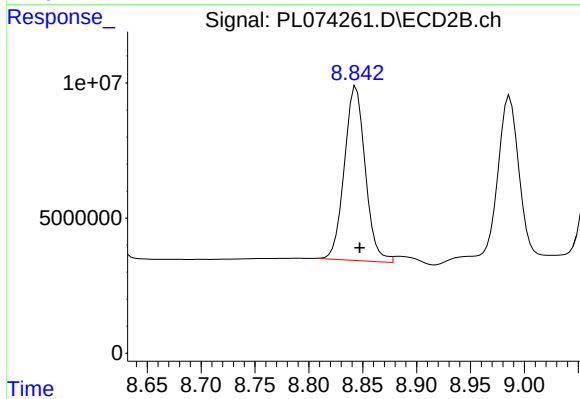
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 100220552
Conc: 49.98 ng/ml



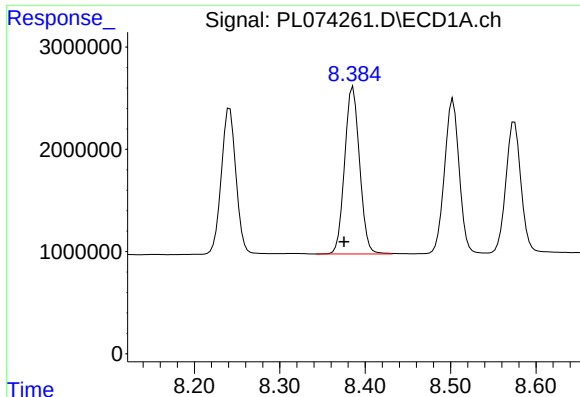
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.011 min
Response: 20403795
Conc: 50.23 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 87010931
Conc: 51.37 ng/ml



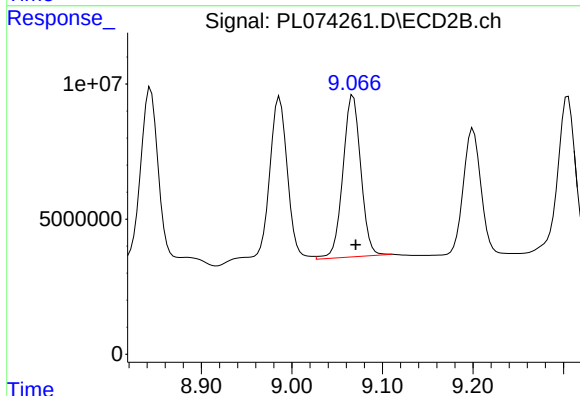
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.010 min
Response: 19917468
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

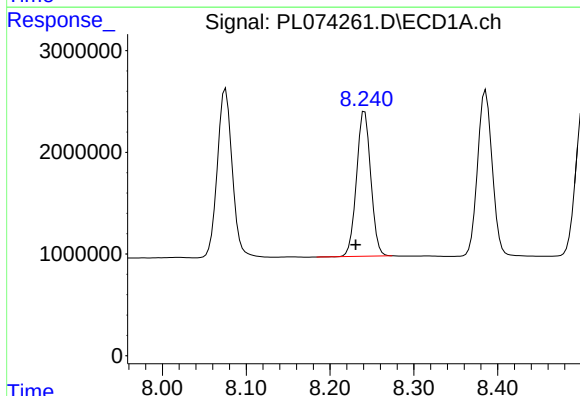
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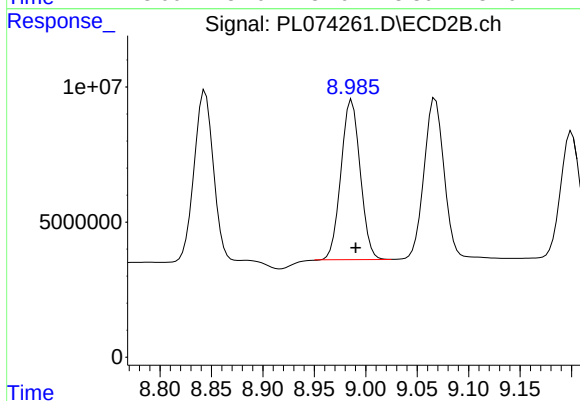
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 82180212
Conc: 47.31 ng/ml



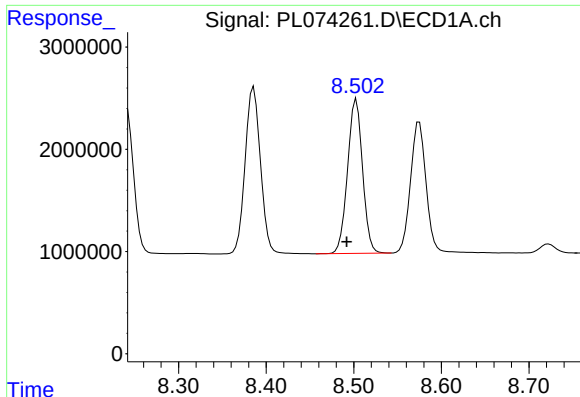
#16 4,4'-DDD

R.T.: 8.241 min
Delta R.T.: 0.011 min
Response: 16850000
Conc: 52.18 ng/ml



#16 4,4'-DDD

R.T.: 8.985 min
Delta R.T.: -0.005 min
Response: 77121781
Conc: 50.12 ng/ml m



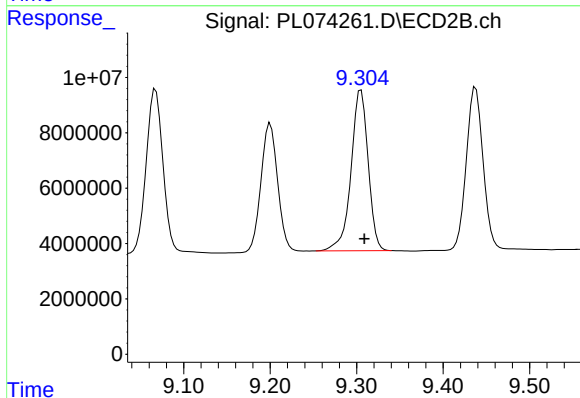
#17 4,4'-DDT

R.T.: 8.503 min
Delta R.T.: 0.011 min
Response: 17934607
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

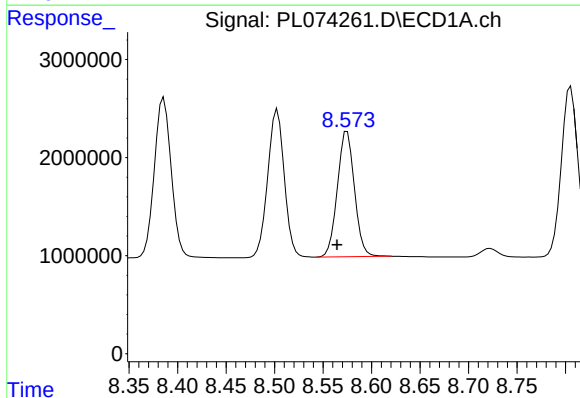
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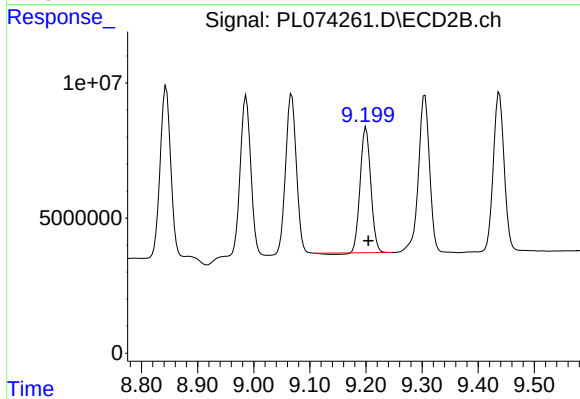
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 79872947
Conc: 45.06 ng/ml



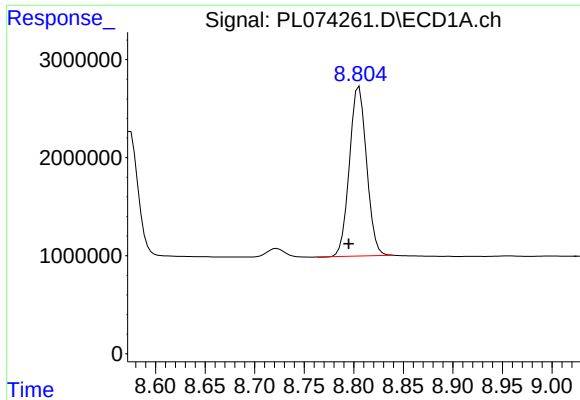
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: 0.010 min
Response: 15636866
Conc: 48.33 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 60204407
Conc: 46.61 ng/ml



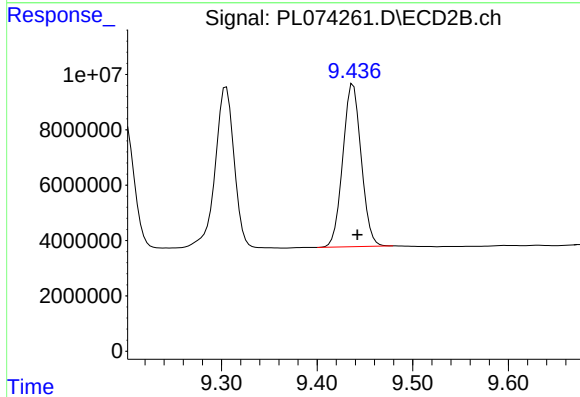
#19 Endosulfan Sulfate

R.T.: 8.805 min
Delta R.T.: 0.010 min
Response: 20882994
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

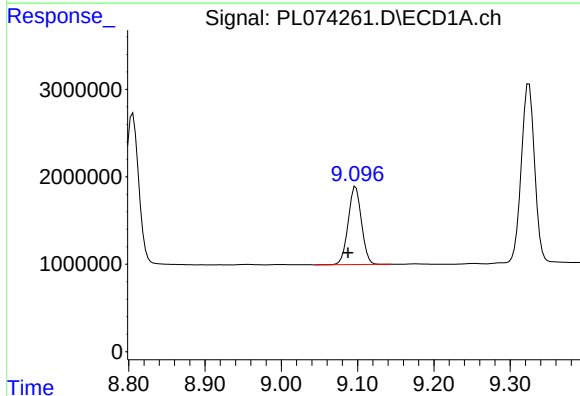
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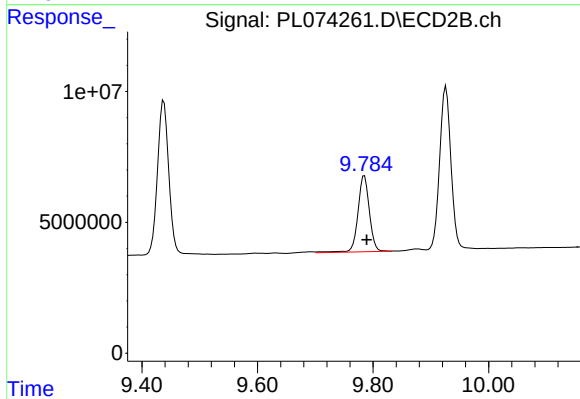
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.005 min
Response: 78924125
Conc: 47.42 ng/ml



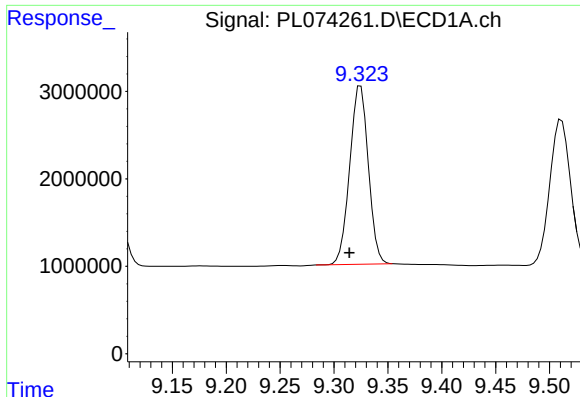
#20 Methoxychlor

R.T.: 9.098 min
Delta R.T.: 0.010 min
Response: 10831148
Conc: 43.63 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 39832898
Conc: 41.41 ng/ml



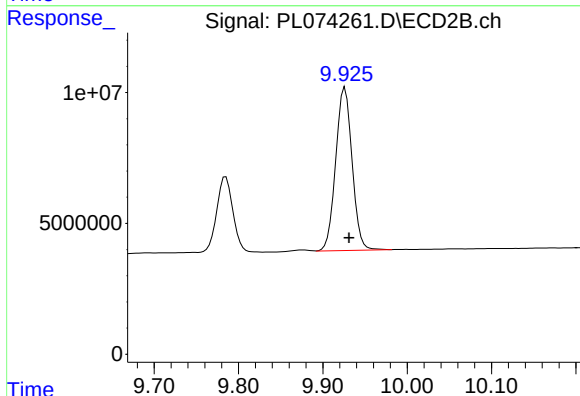
#21 Endrin ketone

R.T.: 9.325 min
Delta R.T.: 0.011 min
Response: 24570857
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

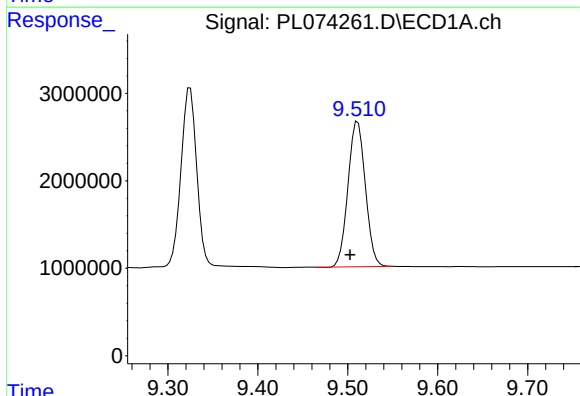
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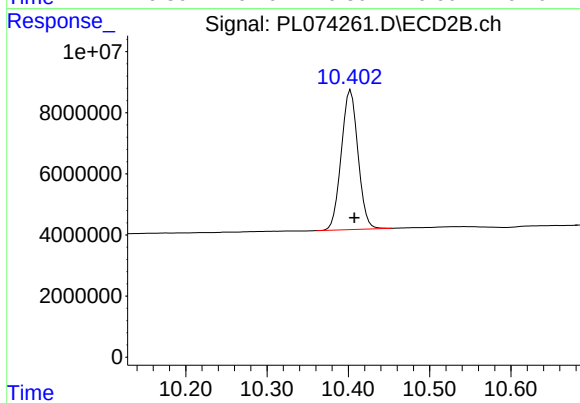
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 84361323
Conc: 48.74 ng/ml



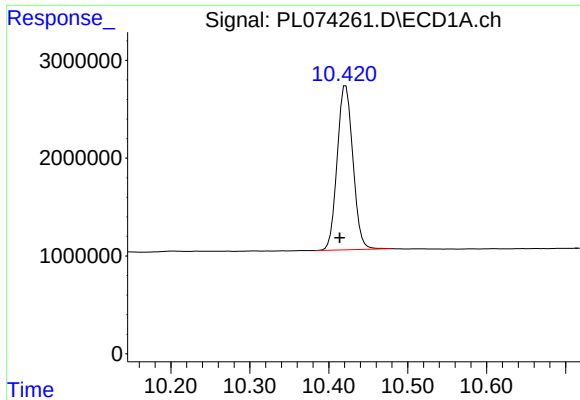
#22 Mirex

R.T.: 9.511 min
Delta R.T.: 0.009 min
Response: 22284463
Conc: 47.78 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 65093664
Conc: 47.26 ng/ml



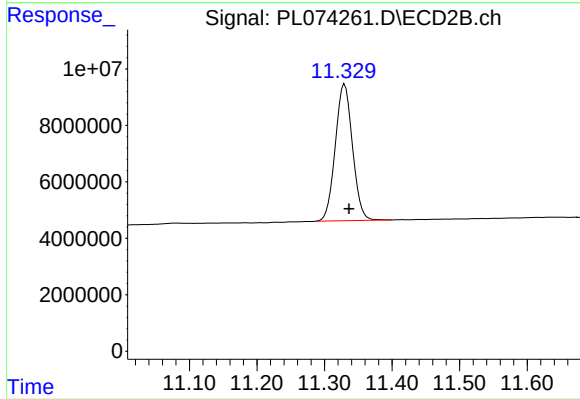
#28 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.008 min
Response: 23218477
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min
Delta R.T.: -0.006 min
Response: 85927274
Conc: 48.65 ng/ml