

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 19:45
 Operator : AR\AJ
 Sample : PB144917BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144917BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:16:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.646	4.650	10502580	27854880	20.685	20.295
28) SA Decachlor...	11.646	10.403	10938705	28373431	24.494	27.643
Target Compounds						
2) A alpha-BHC	6.230	5.353	43463462	113.0E6	63.529	67.139
3) MA gamma-BHC...	6.628	5.774	41058107	107.1E6	63.607	64.792
4) MA Heptachlor	7.283	6.184	40871138	101.0E6	63.329	66.536
5) MB Aldrin	7.658	6.508	40119573	102.6E6	64.763	68.404
6) B beta-BHC	6.879	6.150	17961743	46871606	60.183	59.034
7) B delta-BHC	7.150	6.412	39632858	103.0E6	63.206	65.879
8) B Heptachlo...	8.125	7.082	36144486	92847690	63.551	66.711
9) A Endosulfan I	8.533	7.484	35661932	84458494	61.860	67.505
10) B gamma-Chl...	8.394	7.359	35686777	93981602	68.993m	67.816
11) B alpha-Chl...	8.477	7.428	38482120	92921906	63.034	68.738
12) B 4,4'-DDE	8.663	7.640	31382594	83216789	67.791	70.720
13) MA Dieldrin	8.824	7.769	35462577	91569572	67.470	71.881
14) MA Endrin	9.066	8.060	29672469	77930270	71.905	73.776
15) B Endosulfa...	9.299	8.369	31185606	80062234	70.940	70.876
16) A 4,4'-DDD	9.205	8.224	26567809	69159716	58.762	70.203
17) MA 4,4'-DDT	9.525	8.485	29567338	73047040	64.328	73.009
18) B Endrin al...	9.434	8.557	26489466	63216261	74.846	79.150
19) B Endosulfa...	9.673	8.788	29817179	76793518	65.971	70.547
20) A Methoxychlor	10.010	9.079	16936088	43253937	69.152	74.015
21) B Endrin ke...	10.174	9.306	34194983	85258901	66.678	76.473
22) Mirex	10.648	9.495	25605940	65944055	63.458	68.082

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2022 19:45
 Operator : AR\AJ
 Sample : PB144917BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

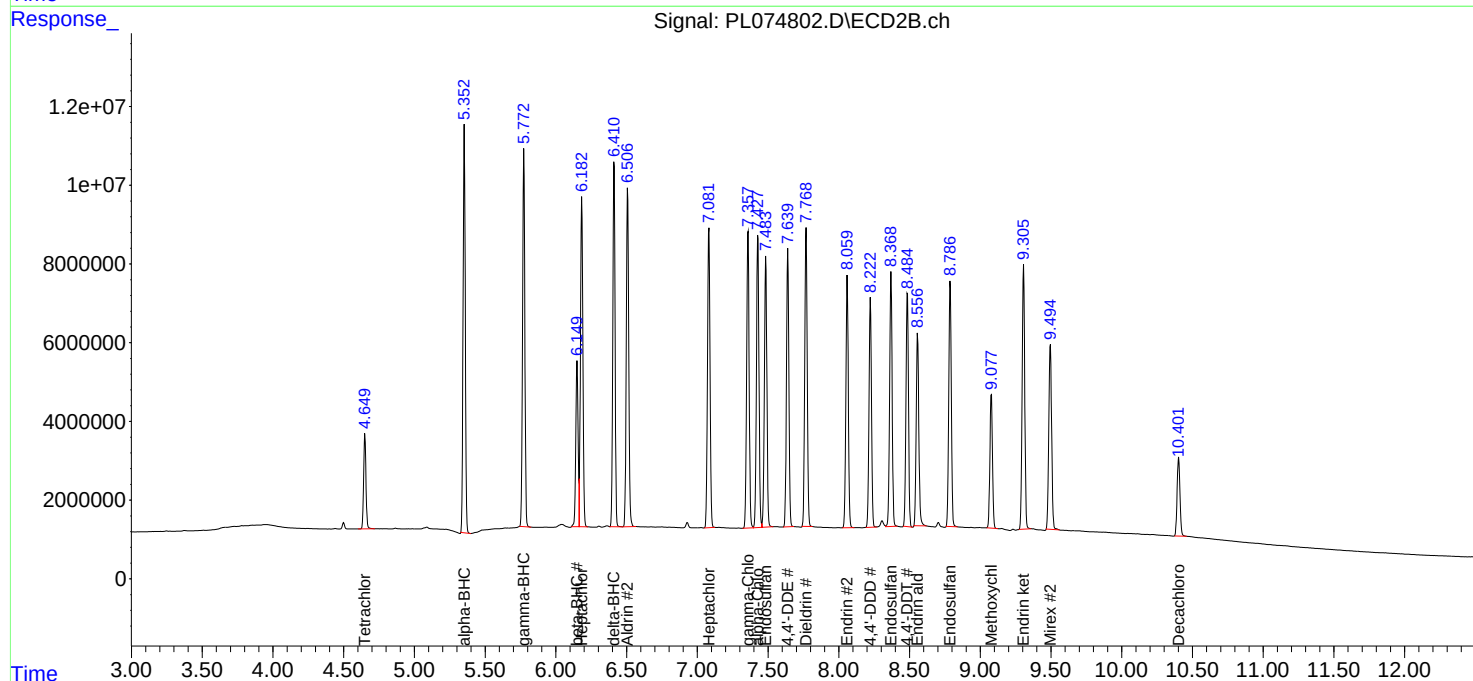
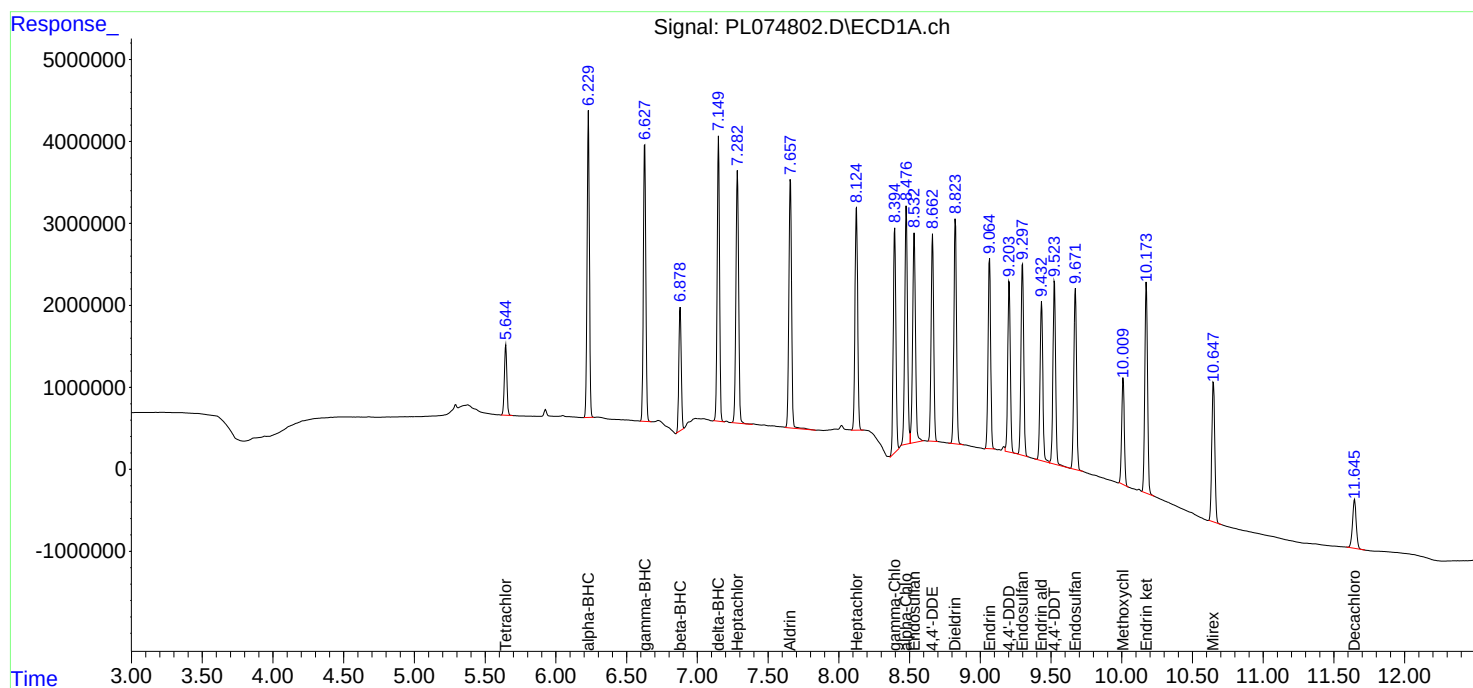
Instrument :
 ECD_L
 ClientSampleId :
 PB144917BSD

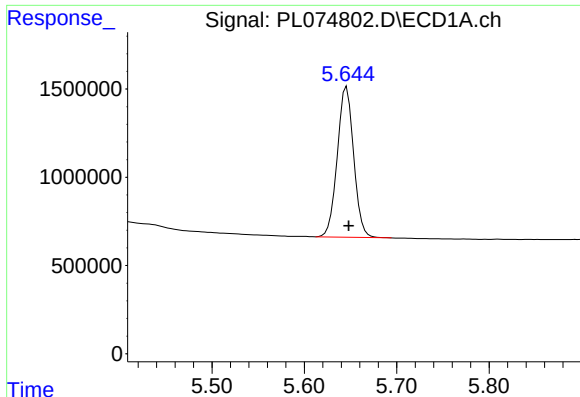
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:16:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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





#1 Tetrachloro-m-xylene

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 10502580
Conc: 20.69 ng/ml

Instrument :

ECD_L

ClientSampleId :

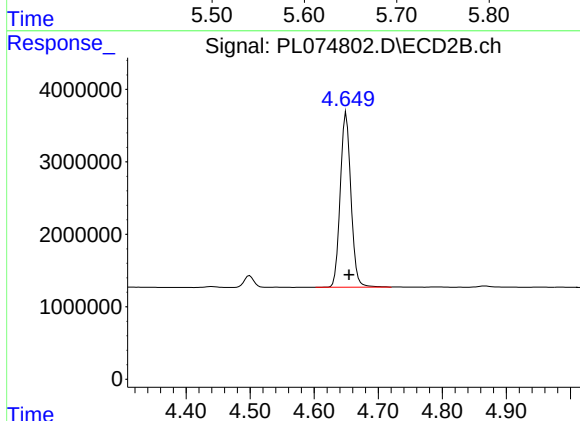
PB144917BSD

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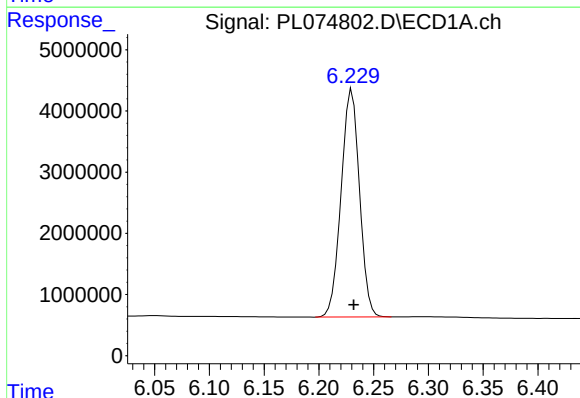
Reviewed By :Abdul Mirza 05/19/2022

Supervised By :mohammad ahmed 05/19/2022



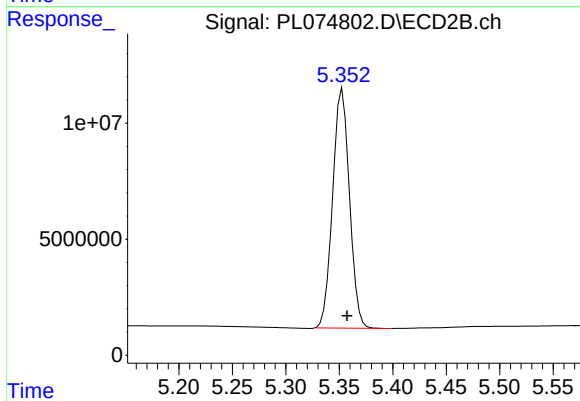
#1 Tetrachloro-m-xylene

R.T.: 4.650 min
Delta R.T.: -0.004 min
Response: 27854880
Conc: 20.29 ng/ml



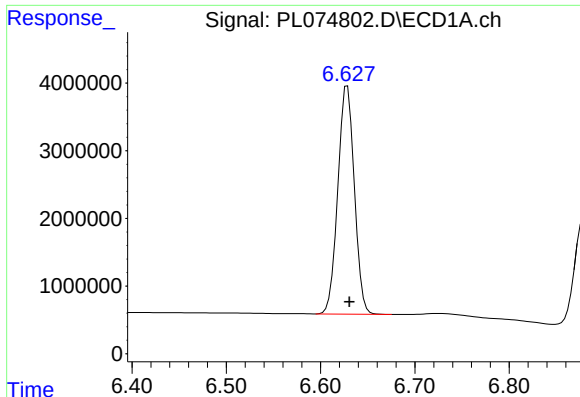
#2 alpha-BHC

R.T.: 6.230 min
Delta R.T.: -0.002 min
Response: 43463462
Conc: 63.53 ng/ml



#2 alpha-BHC

R.T.: 5.353 min
Delta R.T.: -0.004 min
Response: 112988740
Conc: 67.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 41058107
Conc: 63.61 ng/ml

Instrument :

ECD_L

ClientSampleId :

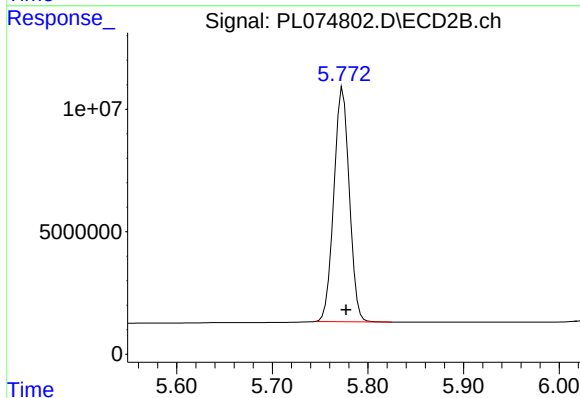
PB144917BSD

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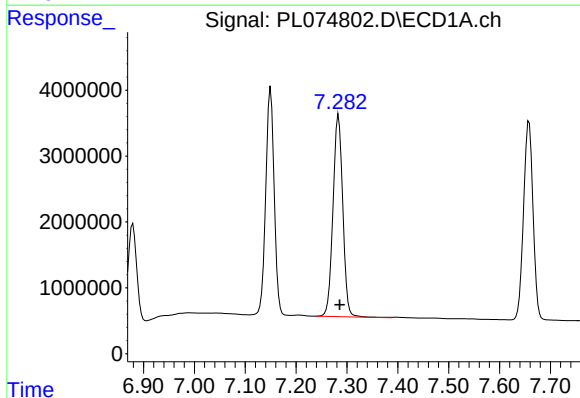
Reviewed By :Abdul Mirza 05/19/2022

Supervised By :mohammad ahmed 05/19/2022



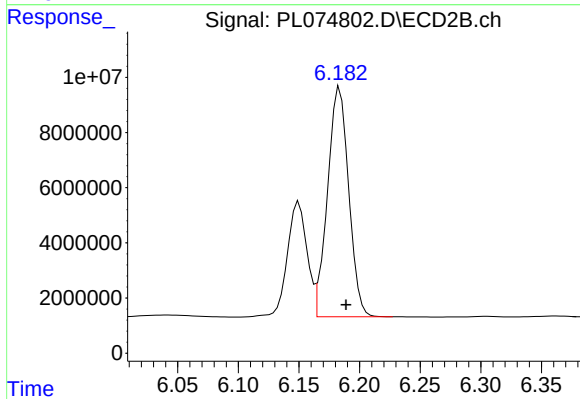
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 107062499
Conc: 64.79 ng/ml



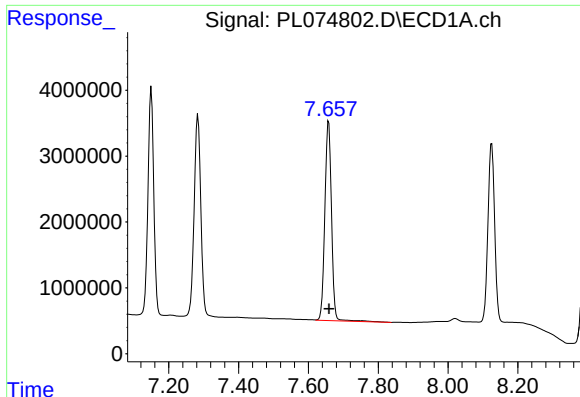
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 40871138
Conc: 63.33 ng/ml



#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.005 min
Response: 100991187
Conc: 66.54 ng/ml



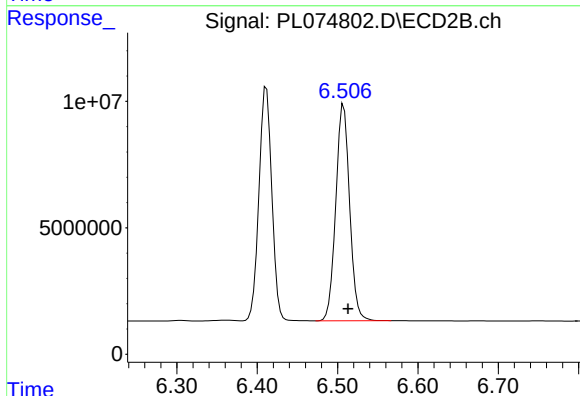
#5 Aldrin

R.T.: 7.658 min
Delta R.T.: -0.002 min
Response: 40119573
Conc: 64.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

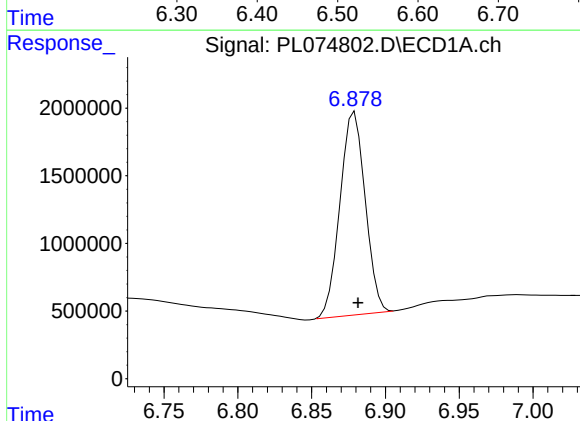
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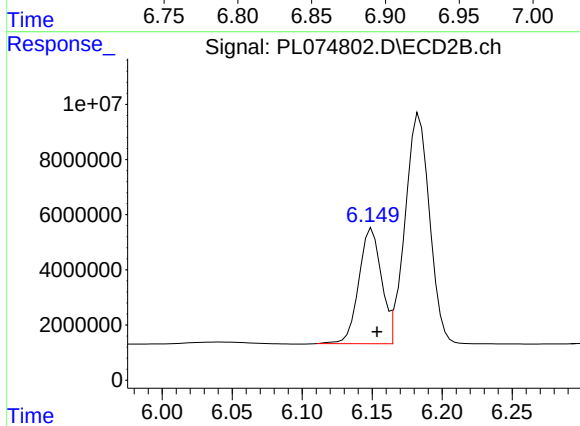
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 102637916
Conc: 68.40 ng/ml



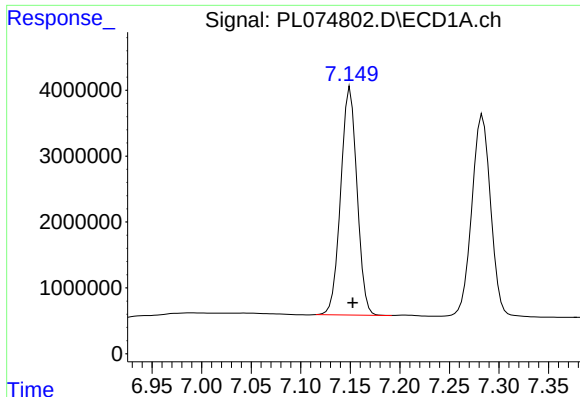
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.002 min
Response: 17961743
Conc: 60.18 ng/ml



#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.004 min
Response: 46871606
Conc: 59.03 ng/ml



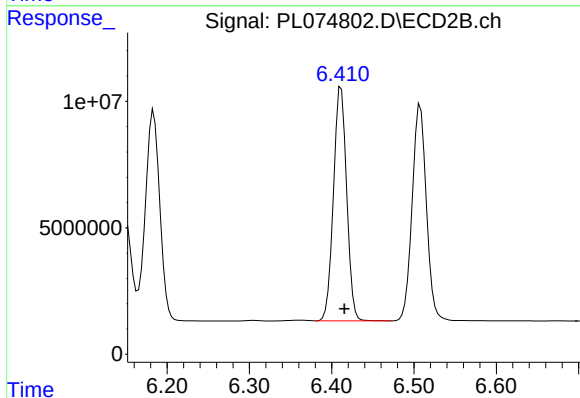
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.002 min
Response: 39632858
Conc: 63.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

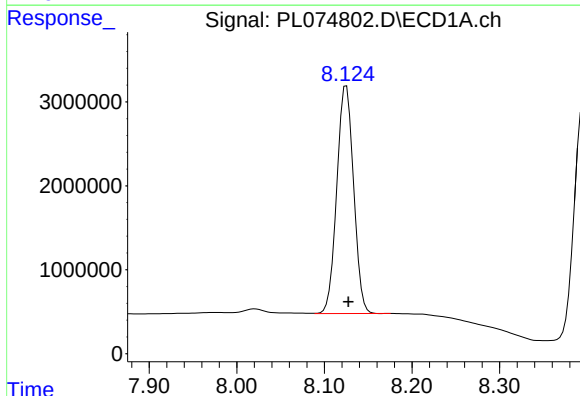
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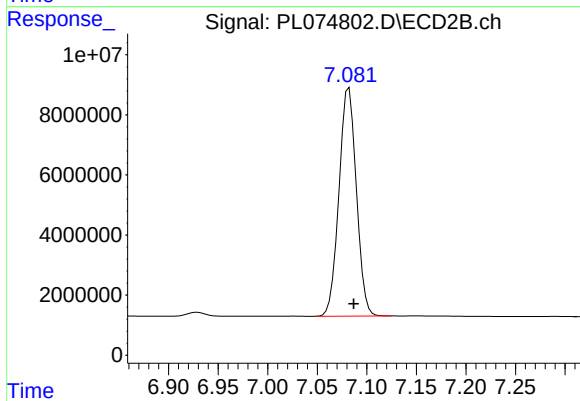
#7 delta-BHC

R.T.: 6.412 min
Delta R.T.: -0.004 min
Response: 103014405
Conc: 65.88 ng/ml



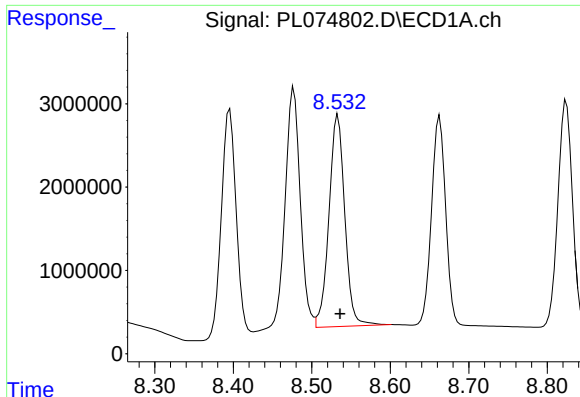
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 36144486
Conc: 63.55 ng/ml



#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 92847690
Conc: 66.71 ng/ml



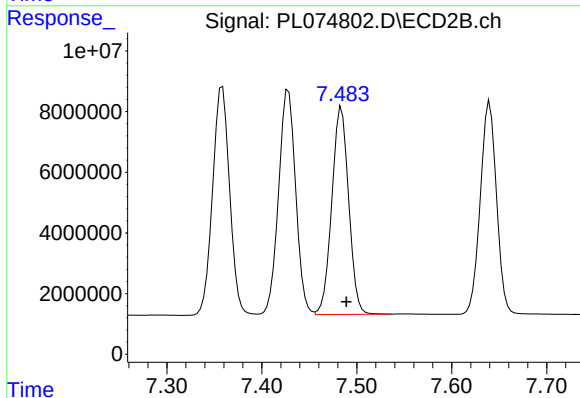
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: -0.003 min
Response: 35661932
Conc: 61.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

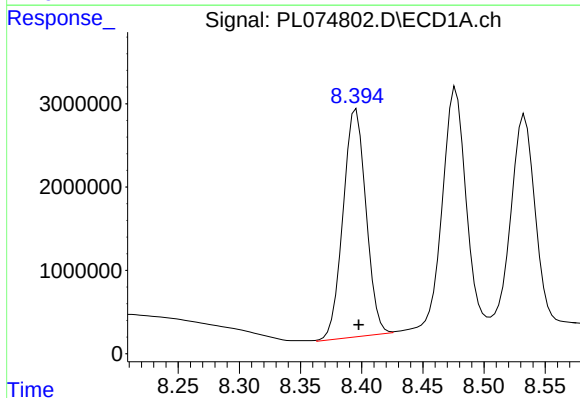
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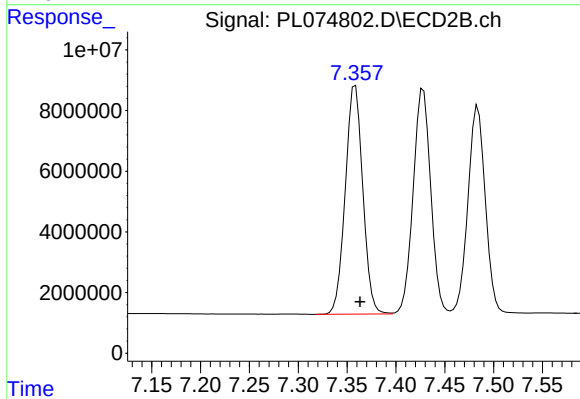
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.005 min
Response: 84458494
Conc: 67.51 ng/ml



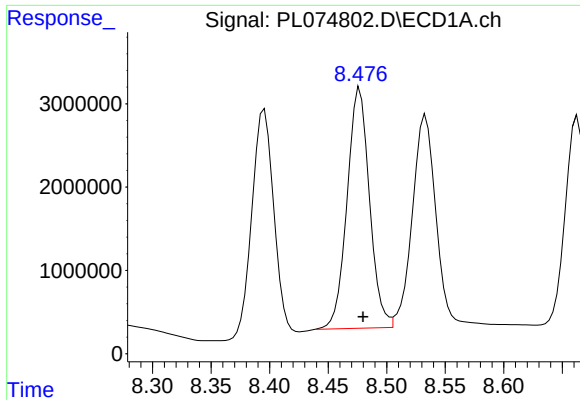
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.004 min
Response: 35686777
Conc: 68.99 ng/ml m



#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.005 min
Response: 93981602
Conc: 67.82 ng/ml



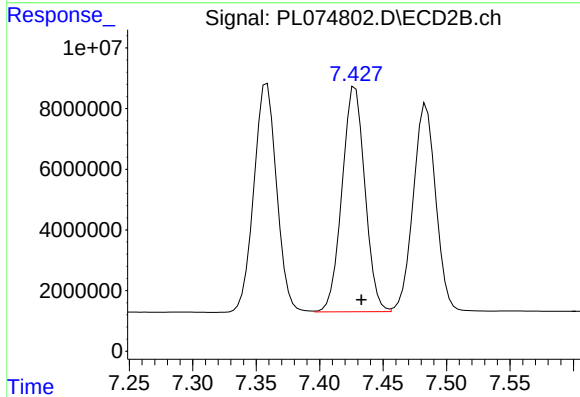
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 38482120
Conc: 63.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

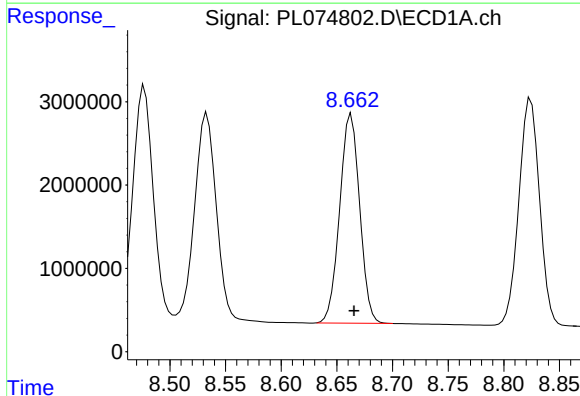
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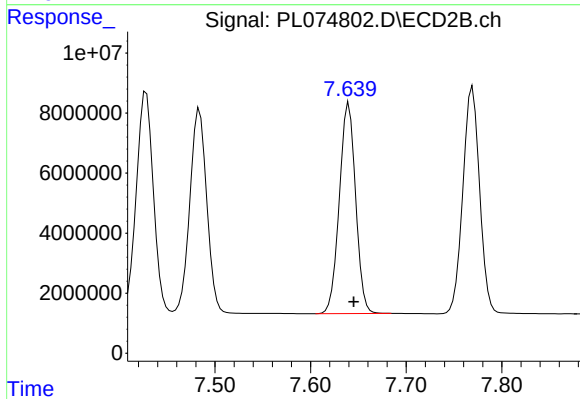
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 92921906
Conc: 68.74 ng/ml



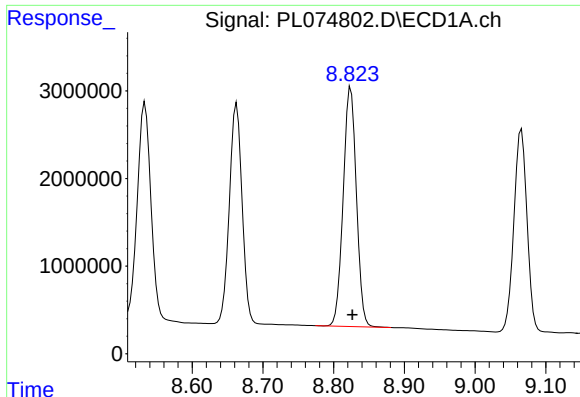
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 31382594
Conc: 67.79 ng/ml



#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.005 min
Response: 83216789
Conc: 70.72 ng/ml



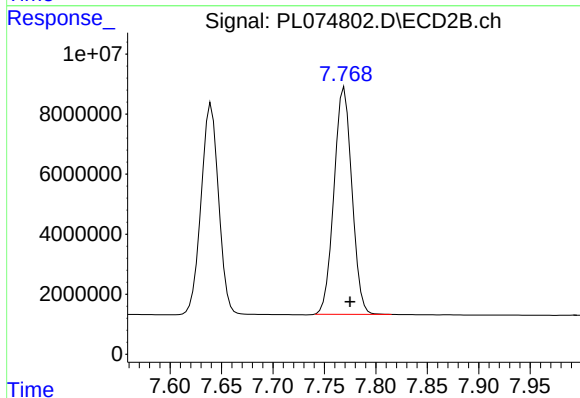
#13 Dieldrin

R.T.: 8.824 min
Delta R.T.: -0.002 min
Response: 35462577
Conc: 67.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

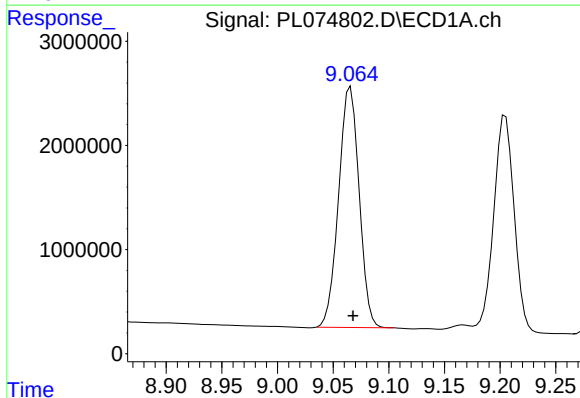
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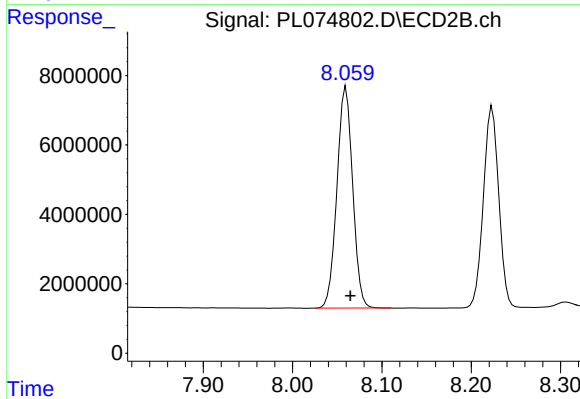
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.006 min
Response: 91569572
Conc: 71.88 ng/ml



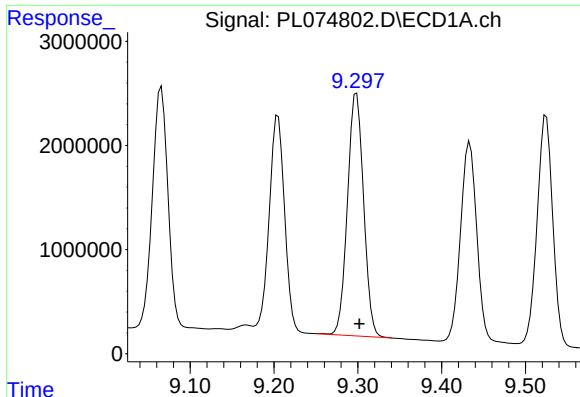
#14 Endrin

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 29672469
Conc: 71.90 ng/ml



#14 Endrin

R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 77930270
Conc: 73.78 ng/ml



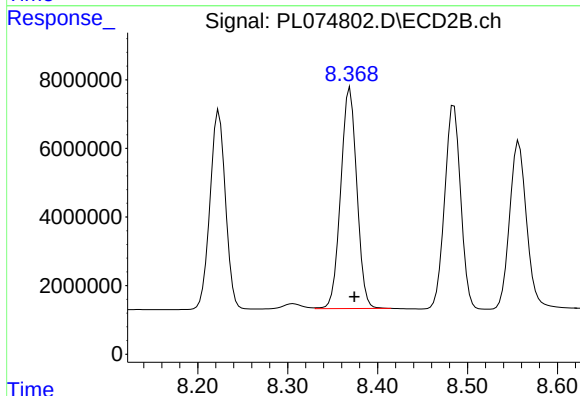
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 31185606
Conc: 70.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

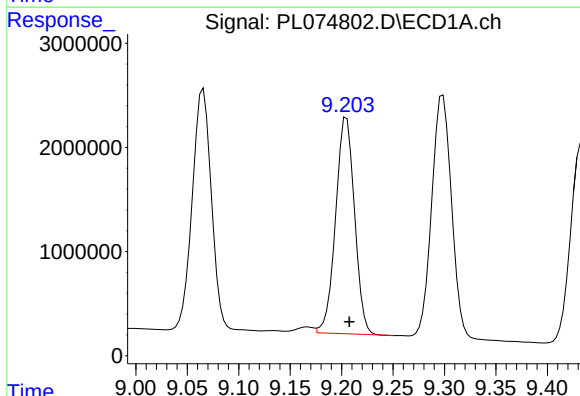
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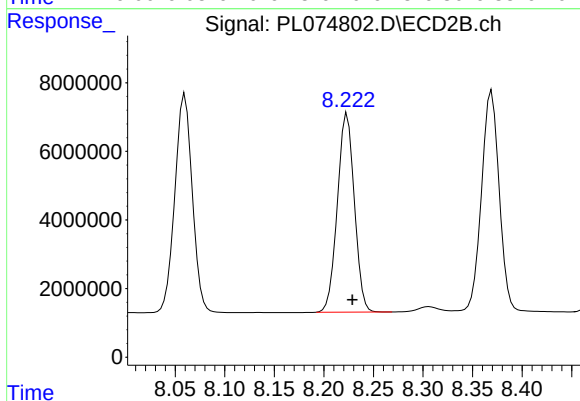
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 80062234
Conc: 70.88 ng/ml



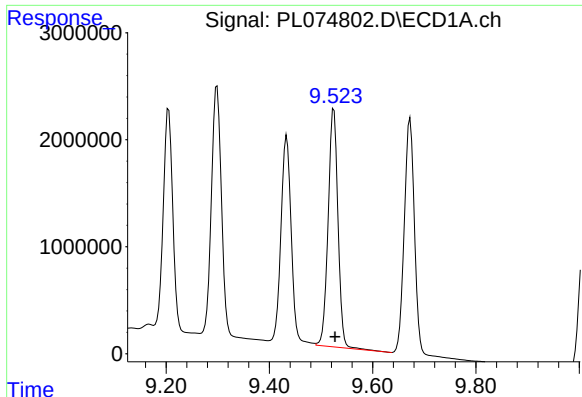
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 26567809
Conc: 58.76 ng/ml



#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 69159716
Conc: 70.20 ng/ml



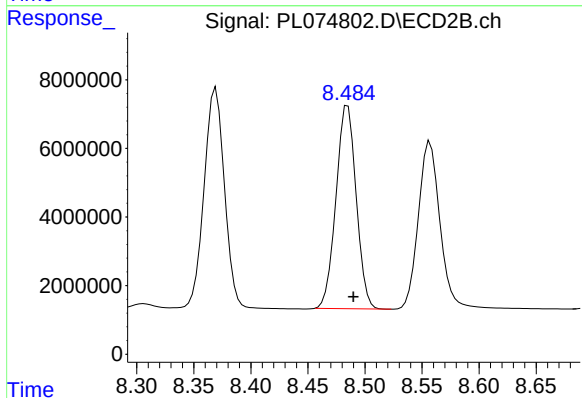
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.003 min
Response: 29567338
Conc: 64.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

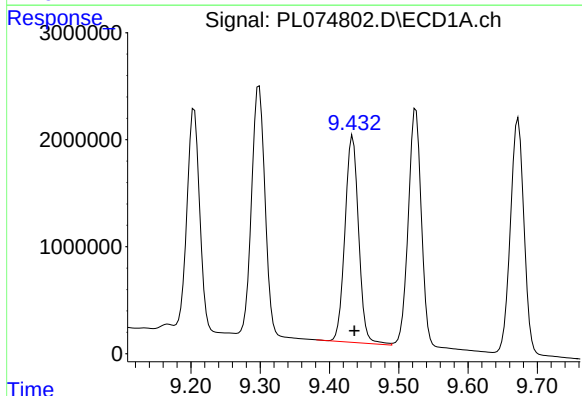
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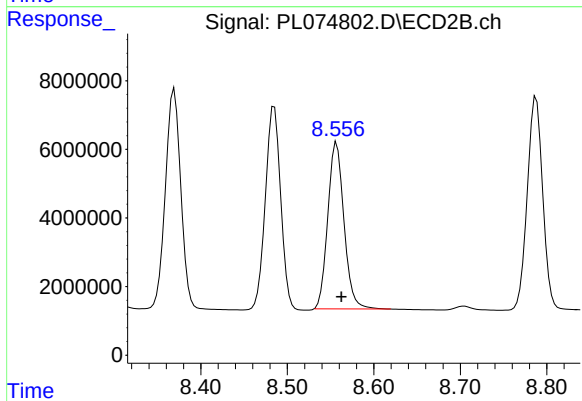
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.005 min
Response: 73047040
Conc: 73.01 ng/ml



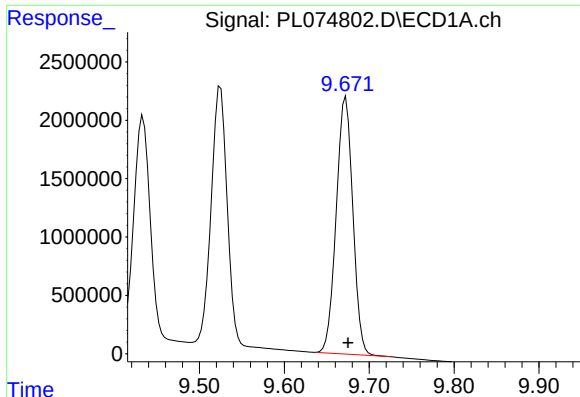
#18 Endrin aldehyde

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 26489466
Conc: 74.85 ng/ml



#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 63216261
Conc: 79.15 ng/ml



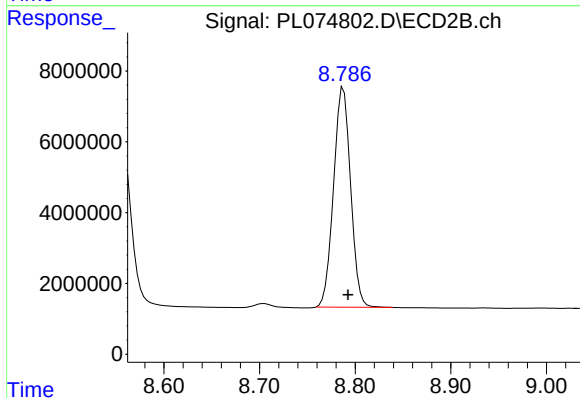
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: -0.002 min
Response: 29817179
Conc: 65.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

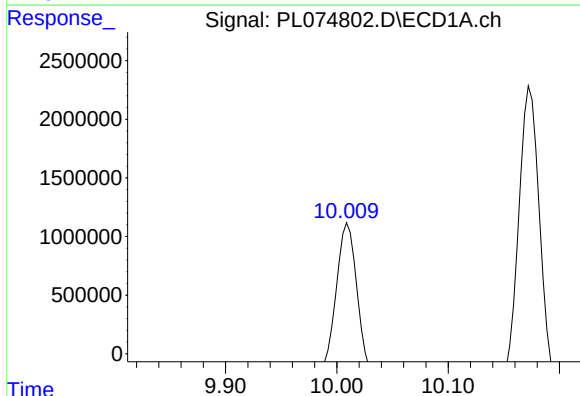
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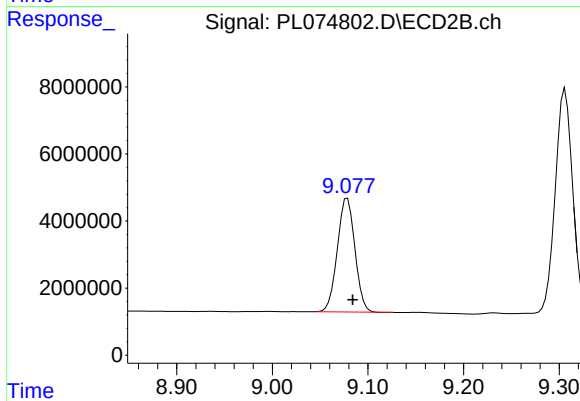
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 76793518
Conc: 70.55 ng/ml



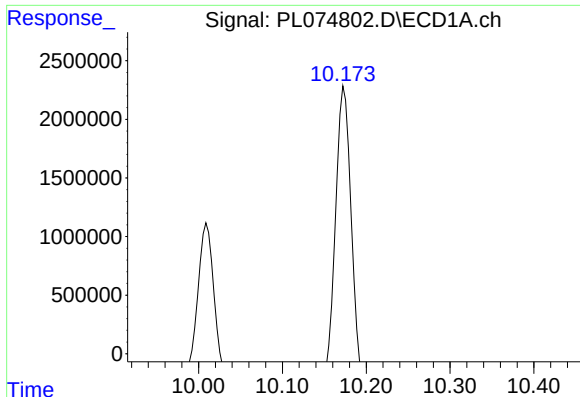
#20 Methoxychlor

R.T.: 10.010 min
Delta R.T.: -0.003 min
Response: 16936088
Conc: 69.15 ng/ml



#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.006 min
Response: 43253937
Conc: 74.02 ng/ml



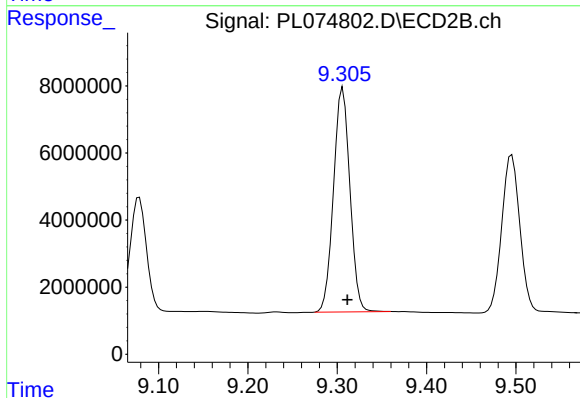
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 34194983
Conc: 66.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144917BSD

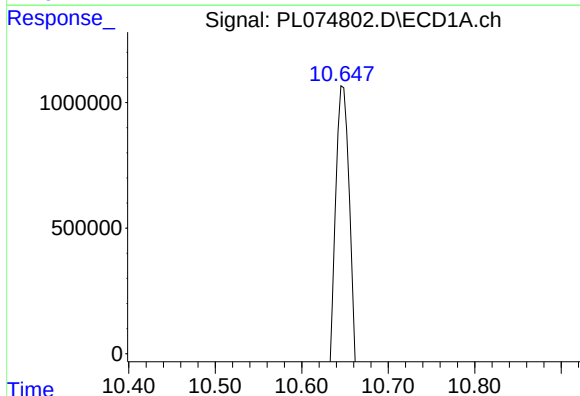
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Supervised By :mohammad ahmed 05/19/2022



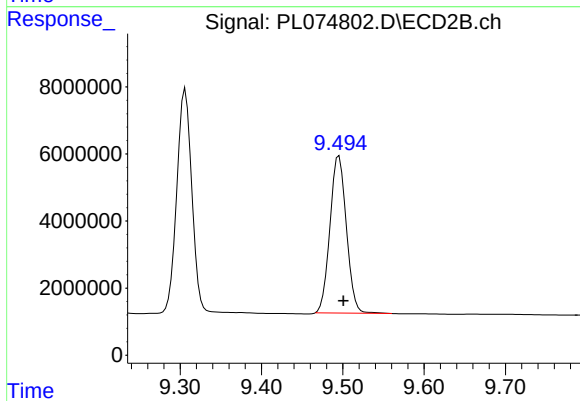
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.005 min
Response: 85258901
Conc: 76.47 ng/ml



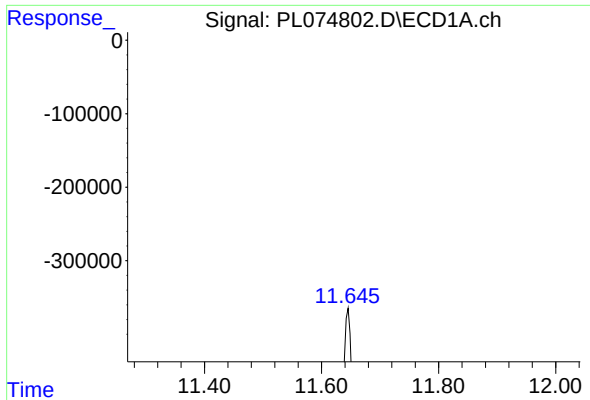
#22 Mirex

R.T.: 10.648 min
Delta R.T.: -0.003 min
Response: 25605940
Conc: 63.46 ng/ml



#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.005 min
Response: 65944055
Conc: 68.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.646 min
Delta R.T.: -0.005 min
Response: 10938705
Conc: 24.49 ng/ml

Instrument :

ECD_L

ClientSampleId :

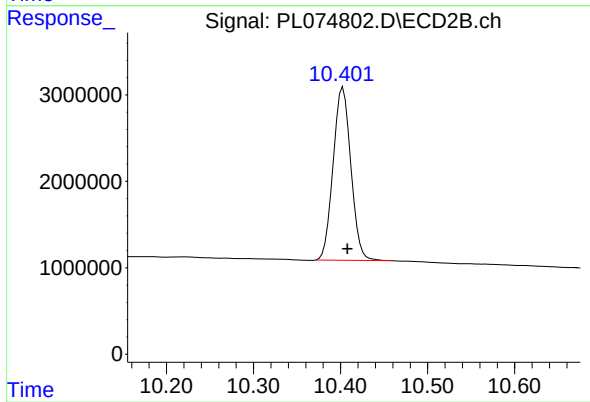
PB144917BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/19/2022

Supervised By :mohammad ahmed 05/19/2022



#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 28373431
Conc: 27.64 ng/ml