

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2022 12:44
 Operator : AR\AJ
 Sample : PB144026BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144026BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 18:18:18 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...	4.648	5.486	7262657	40021102	22.477	22.446
28)	SA Decachlor...	10.416	11.334	11128933	36779951	21.401	20.823
Target Compounds							
2)	A alpha-BHC	5.355	6.050	23797856	150.8E6	56.707	59.896
3)	MA gamma-BHC...	5.778	6.440	23497793	141.7E6	56.027	59.860
4)	MA Heptachlor	6.189	7.100	25350962	151.4E6	56.278	58.033
5)	MB Aldrin	6.514	7.468	23181083	141.3E6	55.851	60.184
6)	B beta-BHC	6.159	6.677	11703282	64367787	57.277	57.113
7)	B delta-BHC	6.420	6.945	23443147	139.3E6	56.671	57.031
8)	B Heptachlo...	7.090	7.925	24248531	130.3E6	56.532	57.890
9)	A Endosulfan I	7.492	8.326	23281899	119.2E6	56.768	60.524
10)	B gamma-Chl...	7.368	8.193	24475250	130.7E6	55.804	58.606
11)	B alpha-Chl...	7.437	8.276	24786406	128.2E6	56.107	59.570
12)	B 4,4'-DDE	7.651	8.461	21281488	122.4E6	58.335	61.473
13)	MA Dieldrin	7.779	8.611	23800212	120.6E6	55.405	60.125
14)	MA Endrin	8.070	8.845	22613948	99817988	55.667	58.936
15)	B Endosulfa...	8.381	9.070	22470794	95486287	54.520	54.965
16)	A 4,4'-DDD	8.236	8.989	19483036	94319220	60.333	61.302
17)	MA 4,4'-DDT	8.497	9.307	20413438	96501358	55.225	54.439
18)	B Endrin al...	8.569	9.201	18046160	75466260	55.775	58.428m
19)	B Endosulfa...	8.800	9.440	23660220	94724992	55.407	56.915
20)	A Methoxychlor	9.092	9.787	13060571	48518665	52.607	50.443
21)	B Endrin ke...	9.319	9.929	27458956	92833748	56.205	53.632
22)	Mirex	9.505	10.405	27936644	83520719	59.898	60.636

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2022 12:44
Operator : AR\AJ
Sample : PB144026BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

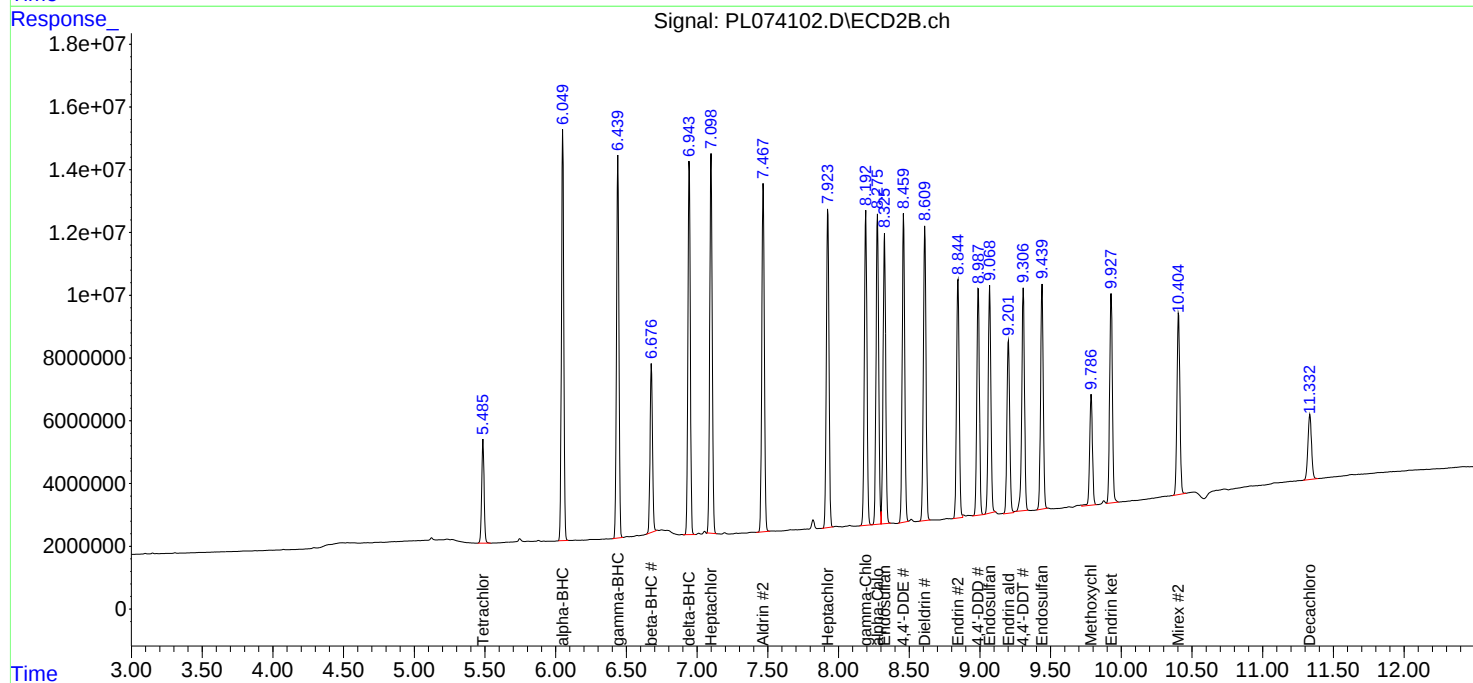
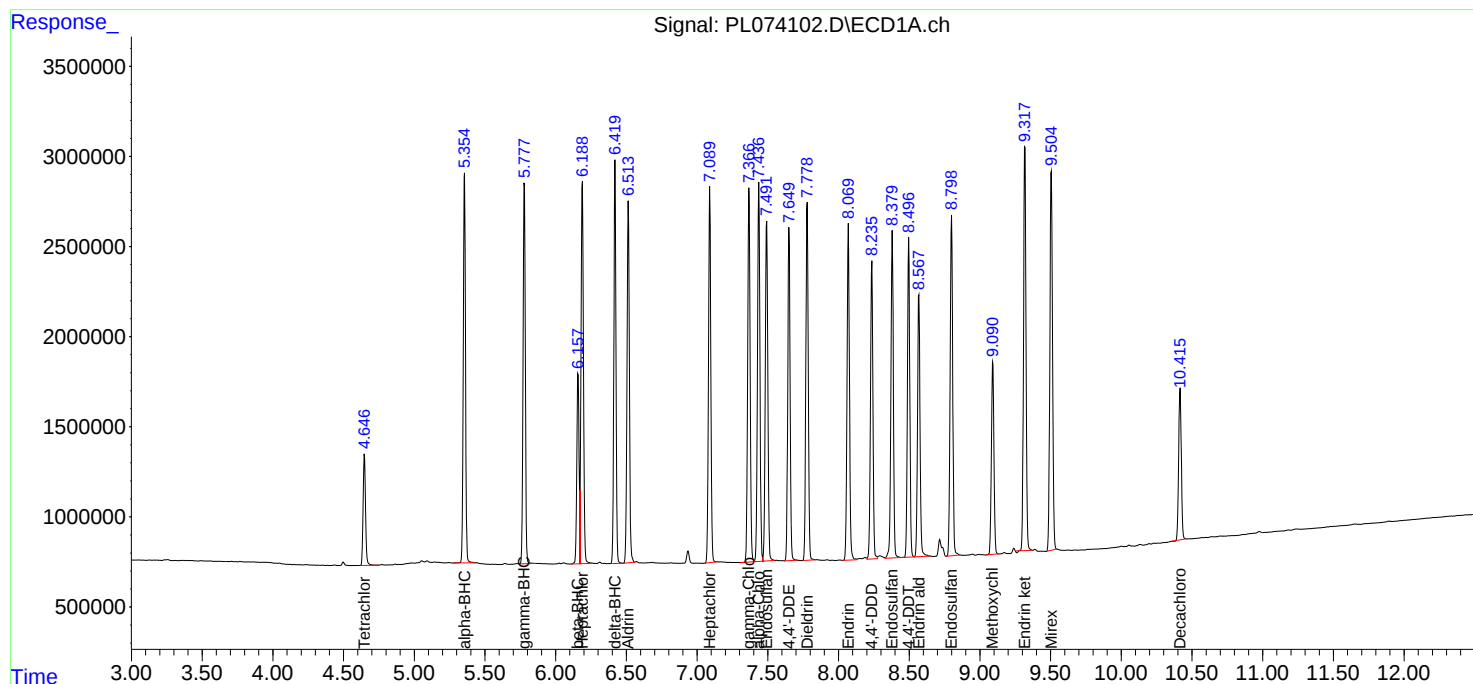
Instrument :
ECD_L
ClientSampleId :
PB144026BS

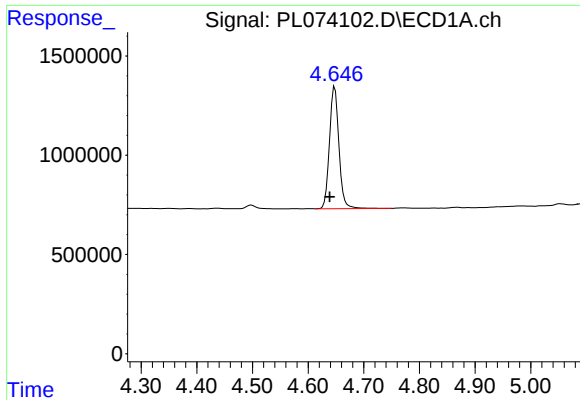
Manual Integrations
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Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 18:18:18 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





#1 Tetrachloro-m-xylene

R.T.: 4.648 min
Delta R.T.: 0.009 min
Response: 7262657
Conc: 22.48 ng/ml

Instrument :

ECD_L

ClientSampleId :

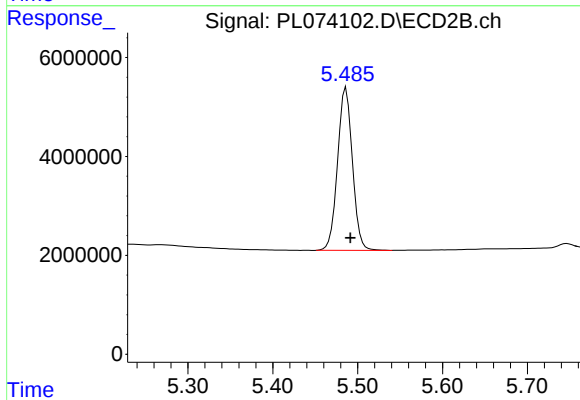
PB144026BS

Manual Integrations

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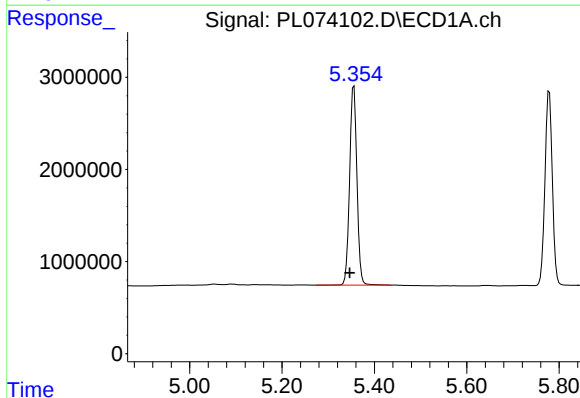
Reviewed By :Abdul Mirza 04/18/2022

Supervised By :mohammad ahmed 04/18/2022



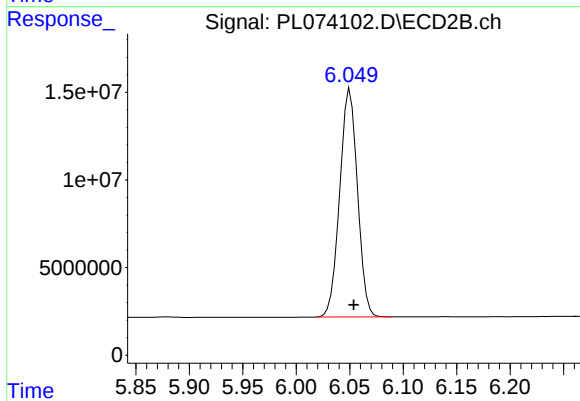
#1 Tetrachloro-m-xylene

R.T.: 5.486 min
Delta R.T.: -0.005 min
Response: 40021102
Conc: 22.45 ng/ml



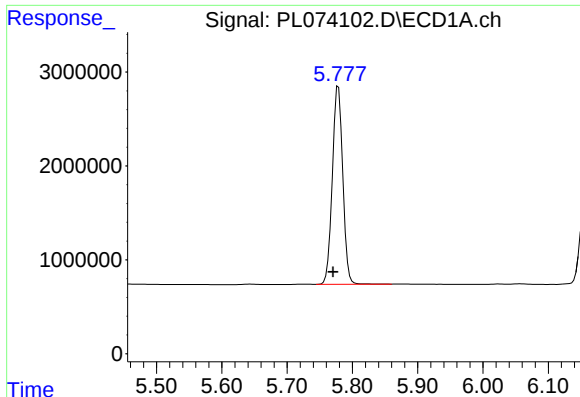
#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: 0.009 min
Response: 23797856
Conc: 56.71 ng/ml



#2 alpha-BHC

R.T.: 6.050 min
Delta R.T.: -0.004 min
Response: 150823528
Conc: 59.90 ng/ml



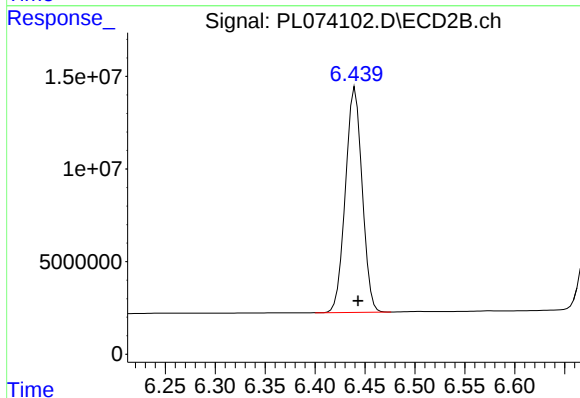
#3 gamma-BHC (Lindane)

R.T.: 5.778 min
Delta R.T.: 0.008 min
Response: 23497793
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

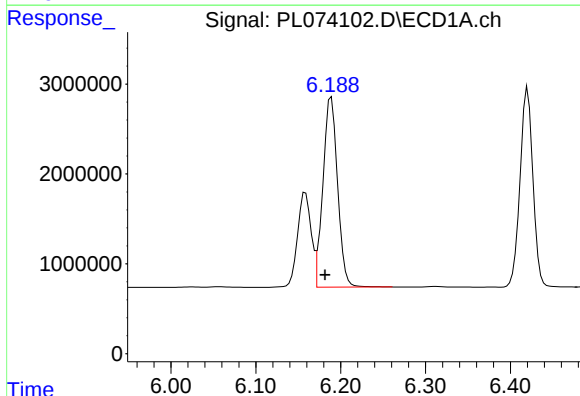
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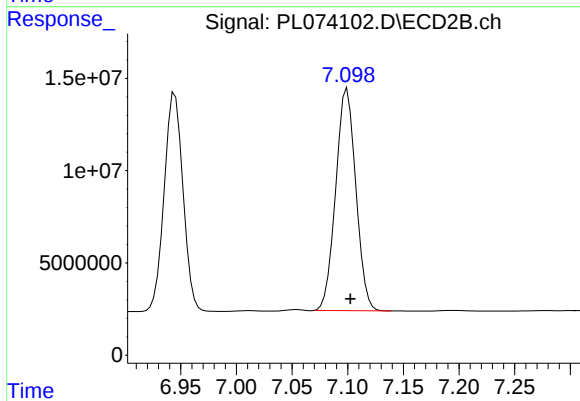
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 141696325
Conc: 59.86 ng/ml



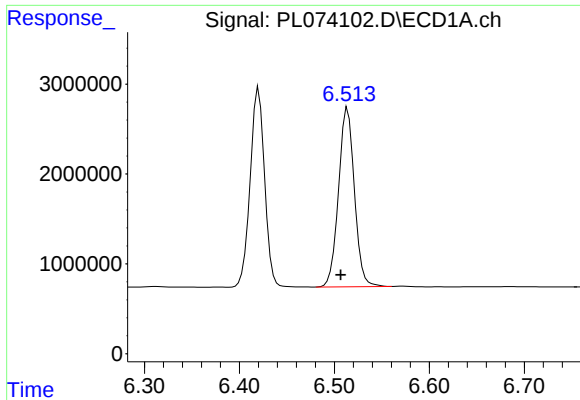
#4 Heptachlor

R.T.: 6.189 min
Delta R.T.: 0.008 min
Response: 25350962
Conc: 56.28 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.003 min
Response: 151373228
Conc: 58.03 ng/ml



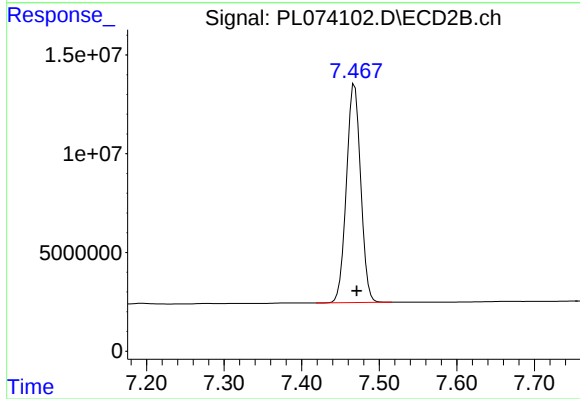
#5 Aldrin

R.T.: 6.514 min
Delta R.T.: 0.007 min
Response: 23181083
Conc: 55.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

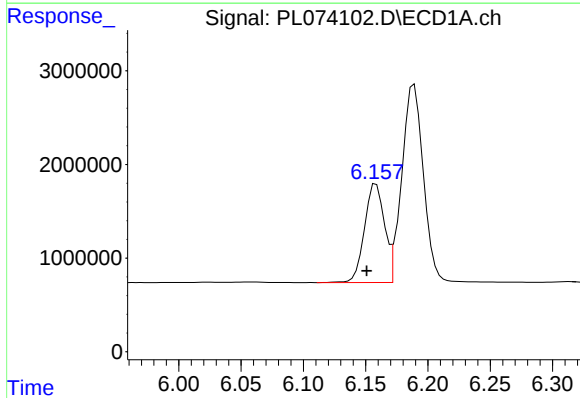
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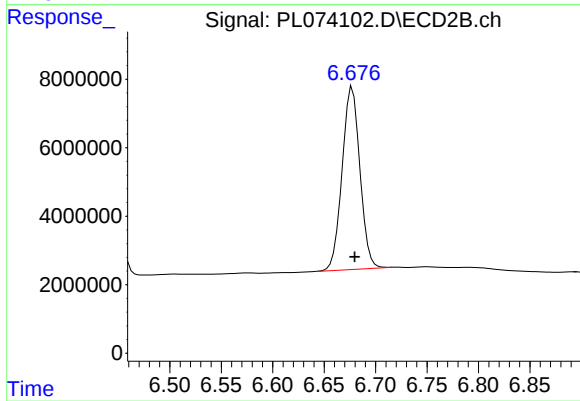
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 141348373
Conc: 60.18 ng/ml



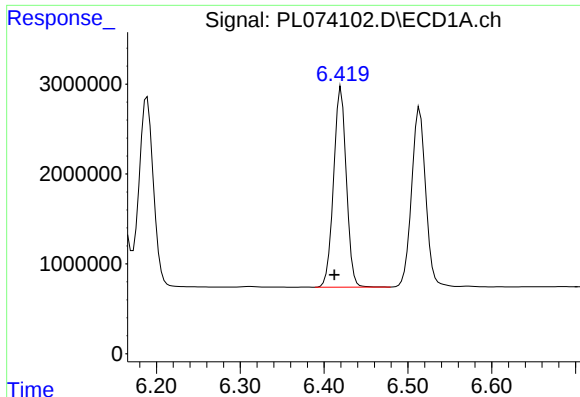
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.008 min
Response: 11703282
Conc: 57.28 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 64367787
Conc: 57.11 ng/ml



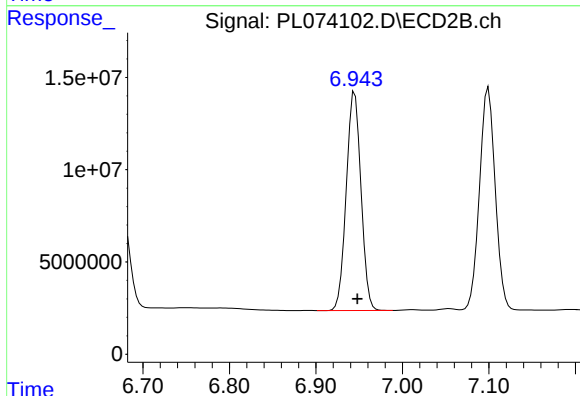
#7 delta-BHC

R.T.: 6.420 min
Delta R.T.: 0.008 min
Response: 23443147
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

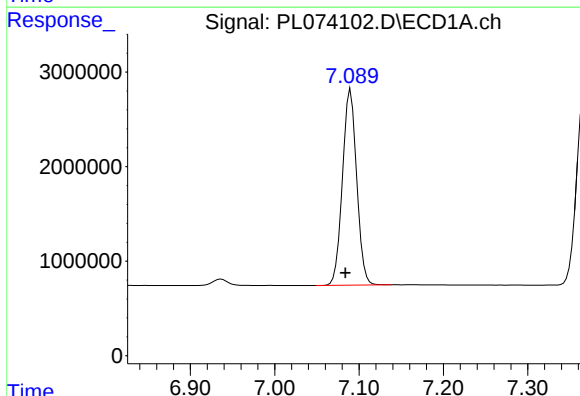
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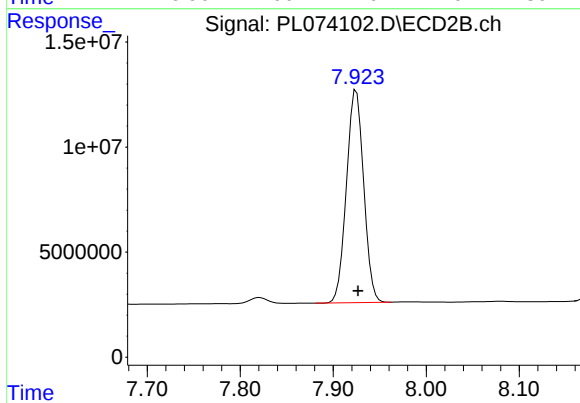
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 139284750
Conc: 57.03 ng/ml



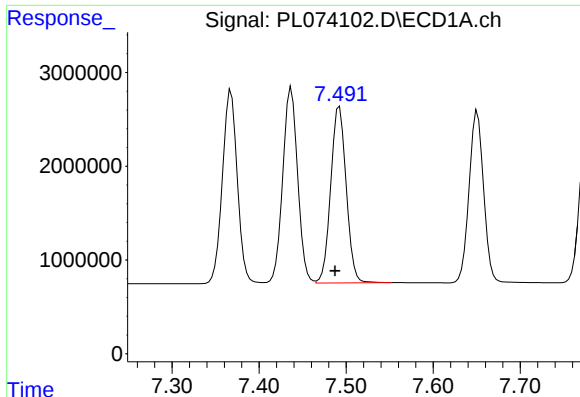
#8 Heptachlor epoxide

R.T.: 7.090 min
Delta R.T.: 0.006 min
Response: 24248531
Conc: 56.53 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 130342284
Conc: 57.89 ng/ml



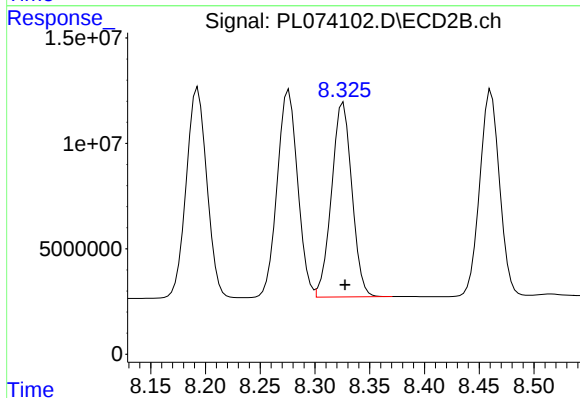
#9 Endosulfan I

R.T.: 7.492 min
Delta R.T.: 0.005 min
Response: 23281899
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

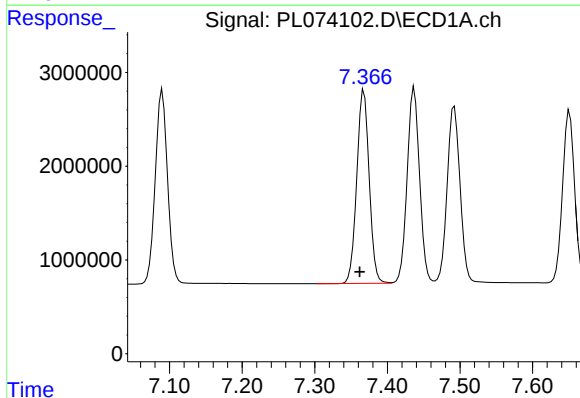
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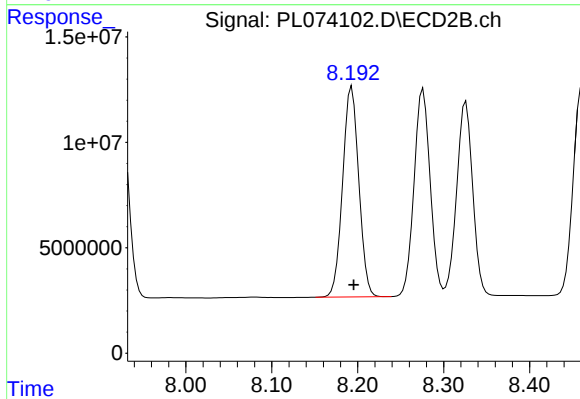
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 119150580
Conc: 60.52 ng/ml



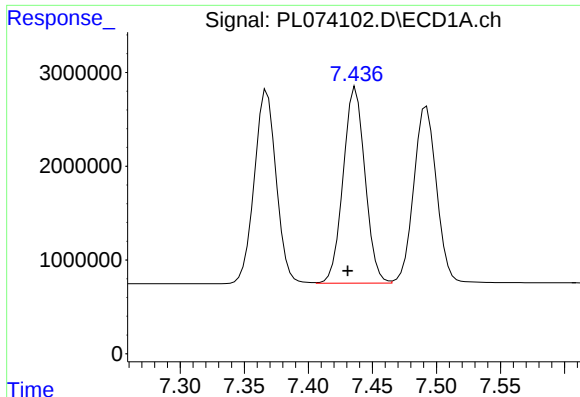
#10 gamma-Chlordane

R.T.: 7.368 min
Delta R.T.: 0.006 min
Response: 24475250
Conc: 55.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 130711734
Conc: 58.61 ng/ml



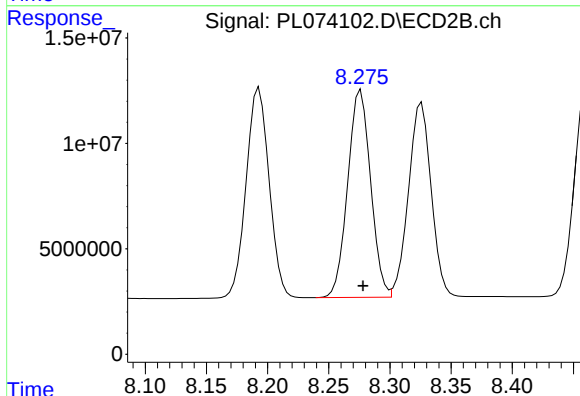
#11 alpha-Chlordane

R.T.: 7.437 min
Delta R.T.: 0.006 min
Response: 24786406
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

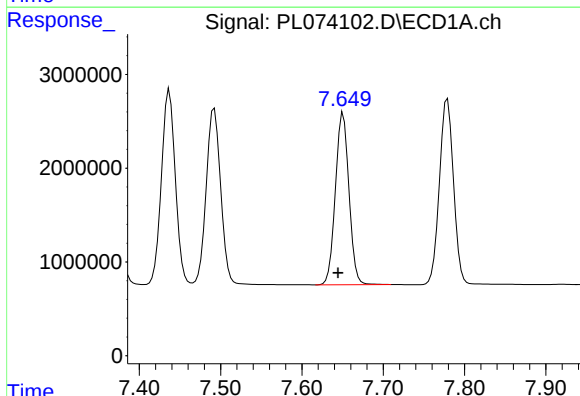
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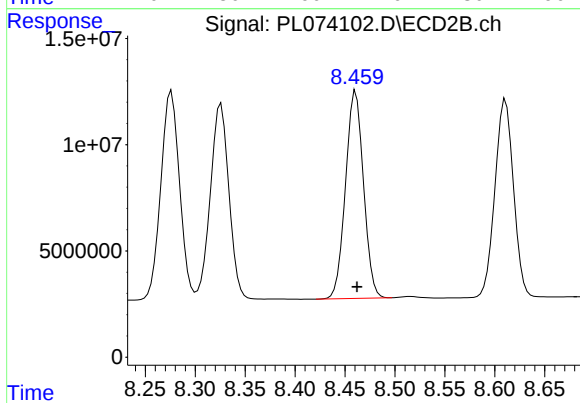
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 128229806
Conc: 59.57 ng/ml



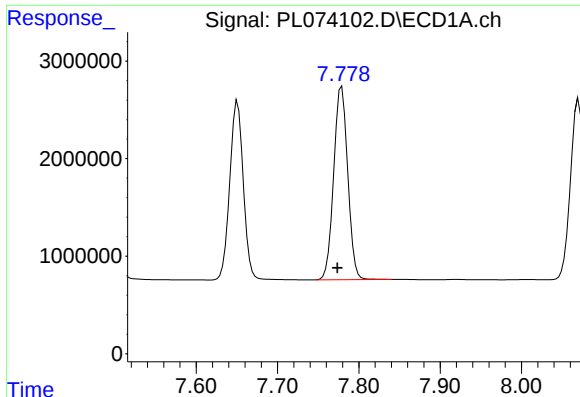
#12 4,4'-DDE

R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 21281488
Conc: 58.33 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 122436331
Conc: 61.47 ng/ml



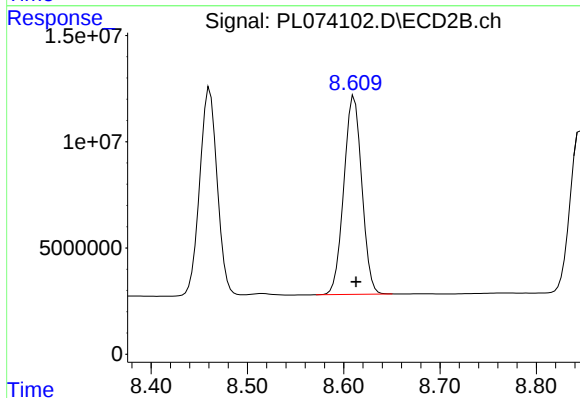
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.006 min
Response: 23800212
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

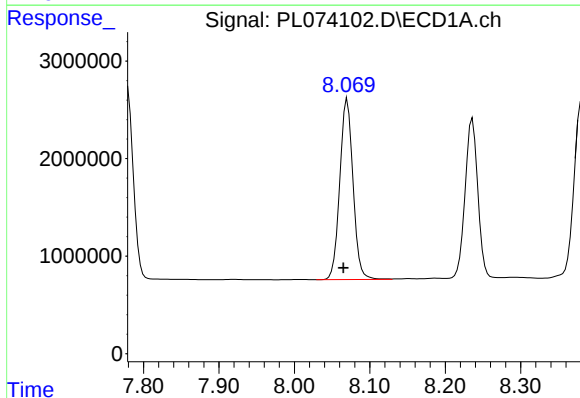
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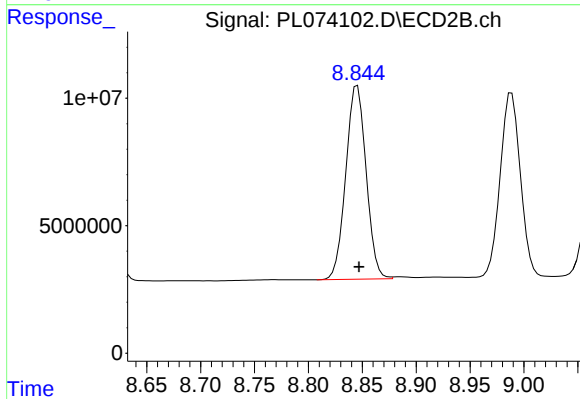
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 120567360
Conc: 60.12 ng/ml



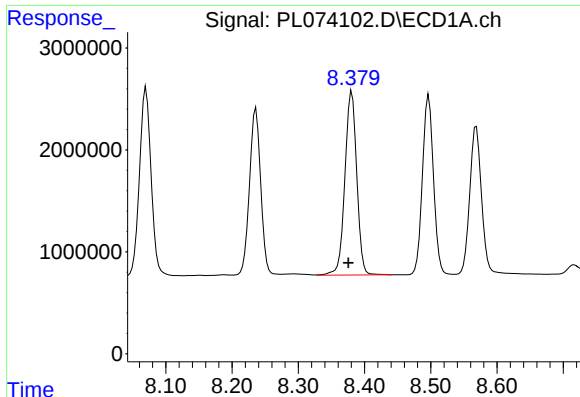
#14 Endrin

R.T.: 8.070 min
Delta R.T.: 0.005 min
Response: 22613948
Conc: 55.67 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 99817988
Conc: 58.94 ng/ml



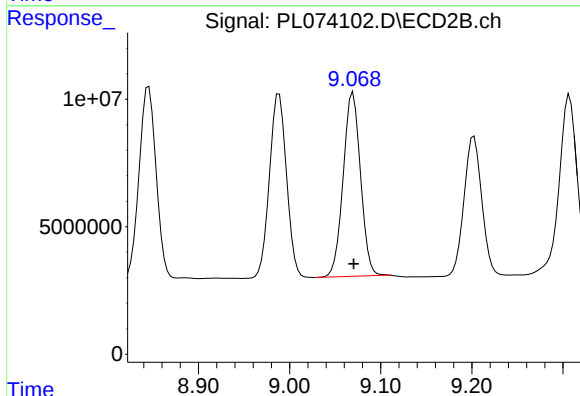
#15 Endosulfan II

R.T.: 8.381 min
Delta R.T.: 0.005 min
Response: 22470794
Conc: 54.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

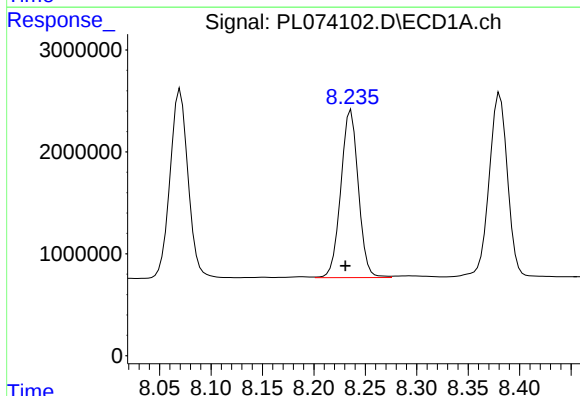
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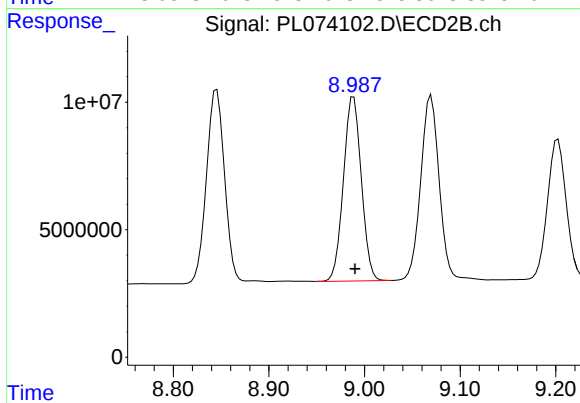
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 95486287
Conc: 54.96 ng/ml



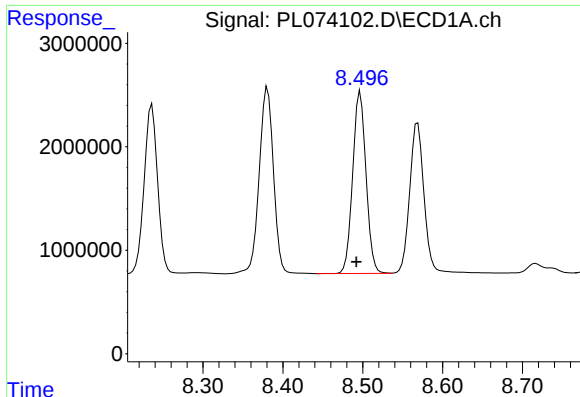
#16 4,4'-DDD

R.T.: 8.236 min
Delta R.T.: 0.006 min
Response: 19483036
Conc: 60.33 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 94319220
Conc: 61.30 ng/ml



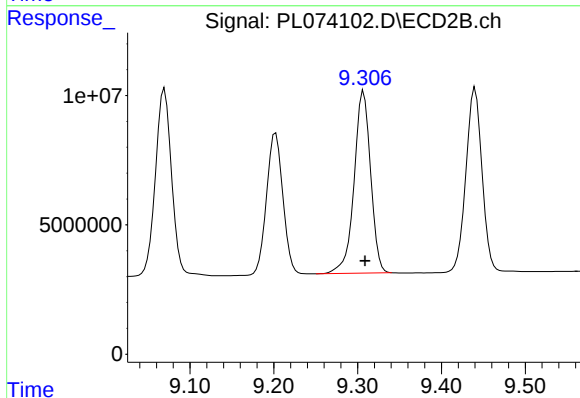
#17 4,4'-DDT

R.T.: 8.497 min
Delta R.T.: 0.005 min
Response: 20413438
Conc: 55.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

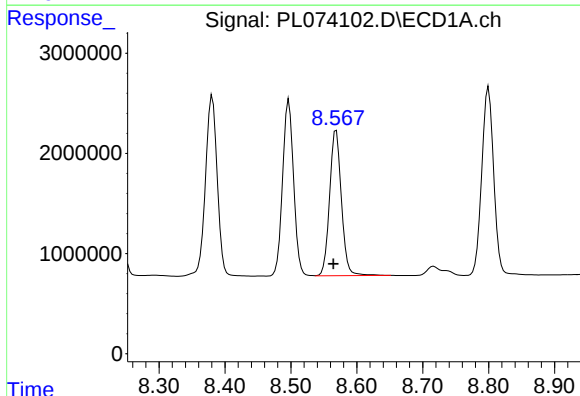
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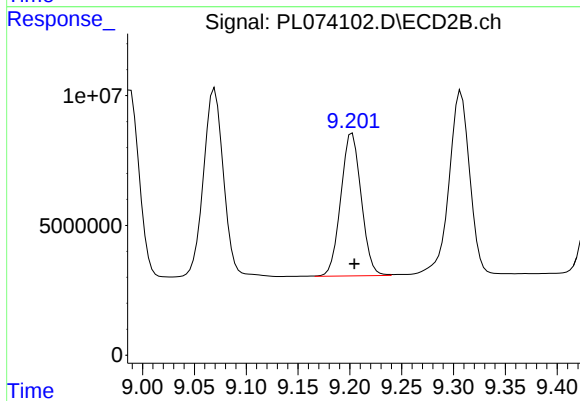
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 96501358
Conc: 54.44 ng/ml



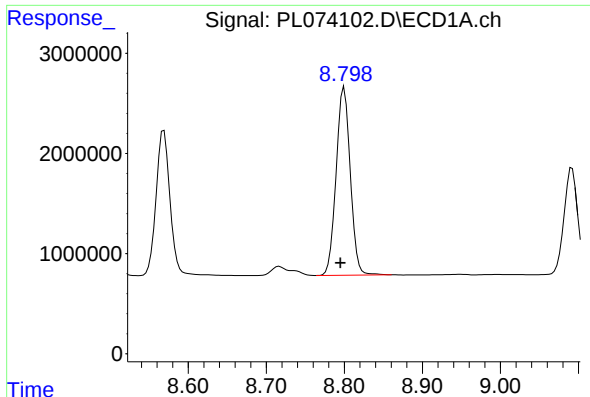
#18 Endrin aldehyde

R.T.: 8.569 min
Delta R.T.: 0.004 min
Response: 18046160
Conc: 55.77 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 75466260
Conc: 58.43 ng/ml m



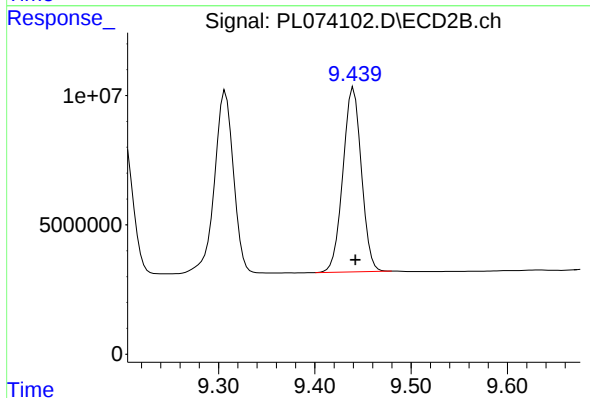
#19 Endosulfan Sulfate

R.T.: 8.800 min
Delta R.T.: 0.005 min
Response: 23660220
Conc: 55.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

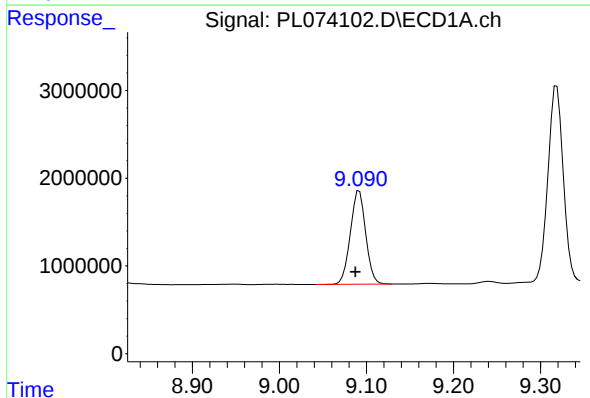
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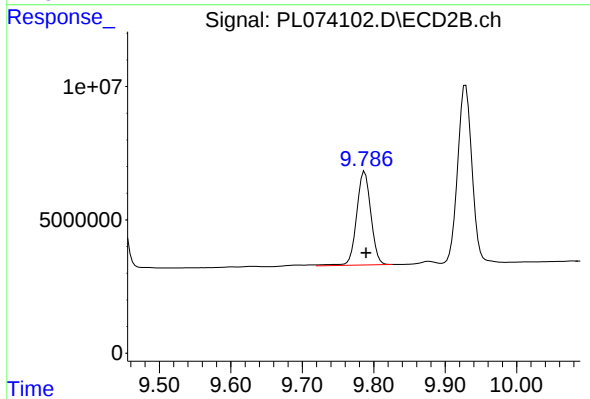
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 94724992
Conc: 56.91 ng/ml



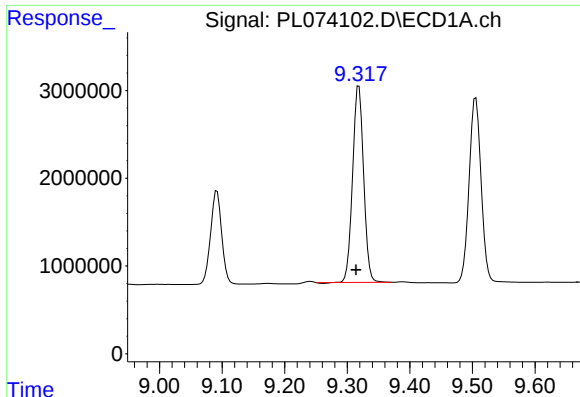
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: 0.004 min
Response: 13060571
Conc: 52.61 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 48518665
Conc: 50.44 ng/ml



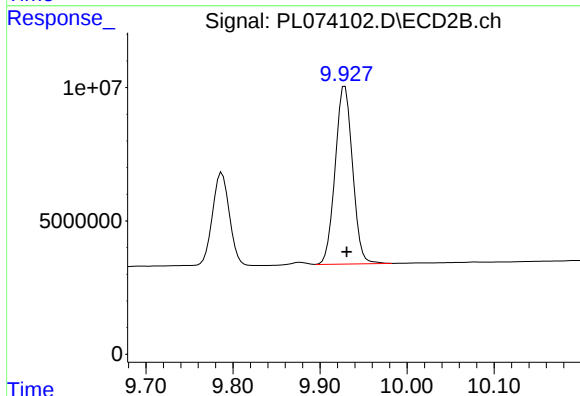
#21 Endrin ketone

R.T.: 9.319 min
Delta R.T.: 0.004 min
Response: 27458956
Conc: 56.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

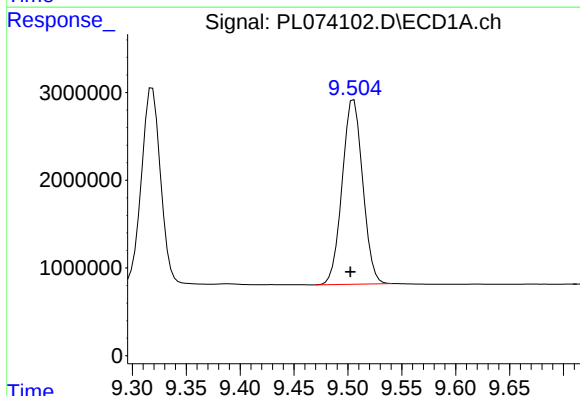
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APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



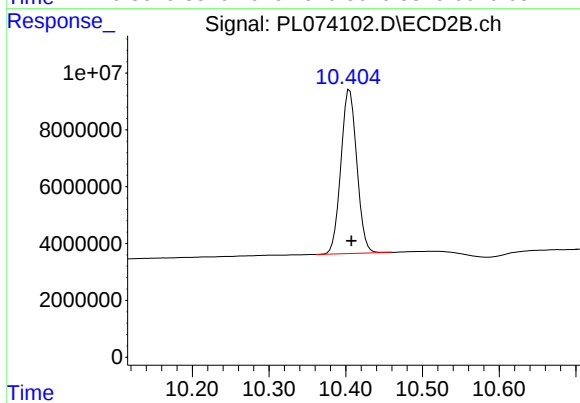
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: -0.002 min
Response: 92833748
Conc: 53.63 ng/ml



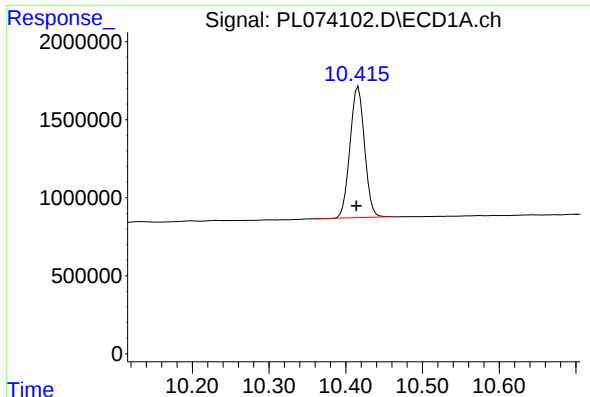
#22 Mirex

R.T.: 9.505 min
Delta R.T.: 0.003 min
Response: 27936644
Conc: 59.90 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 83520719
Conc: 60.64 ng/ml



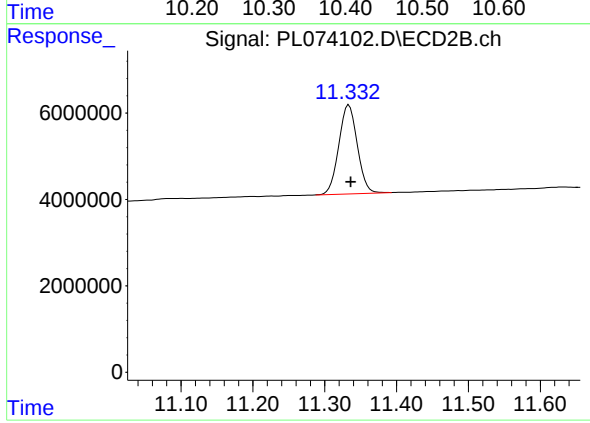
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: 0.002 min
Response: 11128933
Conc: 21.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144026BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 36779951
Conc: 20.82 ng/ml