

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 13:26
 Operator : AR\AJ
 Sample : PB144296BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144296BS

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 23:05:52 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...	4.636	5.488	6276138	33702055	19.424	18.902
28)	SA Decachlor...	10.400	11.329	10008903	36323323	19.247m	20.565
Target Compounds							
2)	A alpha-BHC	5.343	6.051	20095277	126.9E6	47.884	50.376
3)	MA gamma-BHC...	5.767	6.440	19811517	119.1E6	47.238	50.324
4)	MA Heptachlor	6.177	7.099	20329708	122.2E6	45.131	46.844
5)	MB Aldrin	6.501	7.467	20034943	122.7E6	48.271	52.234
6)	B beta-BHC	6.147	6.677	9477265	52787870	46.383	46.838
7)	B delta-BHC	6.407	6.945	19945810	121.0E6	48.216	49.558
8)	B Heptachlo...	7.077	7.924	20385865	111.2E6	47.526	49.392
9)	A Endosulfan I	7.480	8.324	19397083	100.8E6	47.296	51.186
10)	B gamma-Chl...	7.355	8.192	20834861	112.2E6	47.504	50.321
11)	B alpha-Chl...	7.424	8.275	20986648	109.6E6	47.505	50.917
12)	B 4,4'-DDE	7.638	8.460	17243759	105.9E6	47.267	53.168
13)	MA Dieldrin	7.767	8.609	20029701	106.7E6	46.627	53.206
14)	MA Endrin	8.057	8.844	19116984	89244460	47.059	52.693
15)	B Endosulfa...	8.368	9.068	20285318	89799180	49.217	51.691
16)	A 4,4'-DDD	8.223	8.987	15472470	80580669	47.913	52.373
17)	MA 4,4'-DDT	8.484	9.305	16174234	79323645	43.757	44.748
18)	B Endrin al...	8.556	9.200	16703313	71631670	51.625	55.459
19)	B Endosulfa...	8.787	9.438	20358204	83210108	47.675	49.996
20)	A Methoxychlor	9.078	9.785	10592690	40075491	42.666	41.665
21)	B Endrin ke...	9.304	9.925	24385023	86783324	49.913m	50.136
22)	Mirex	9.492	10.403	21826939	65952347	46.798	47.882

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

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 Acq On : 22 Apr 2022 13:26
 Operator : AR\AJ
 Sample : PB144296BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

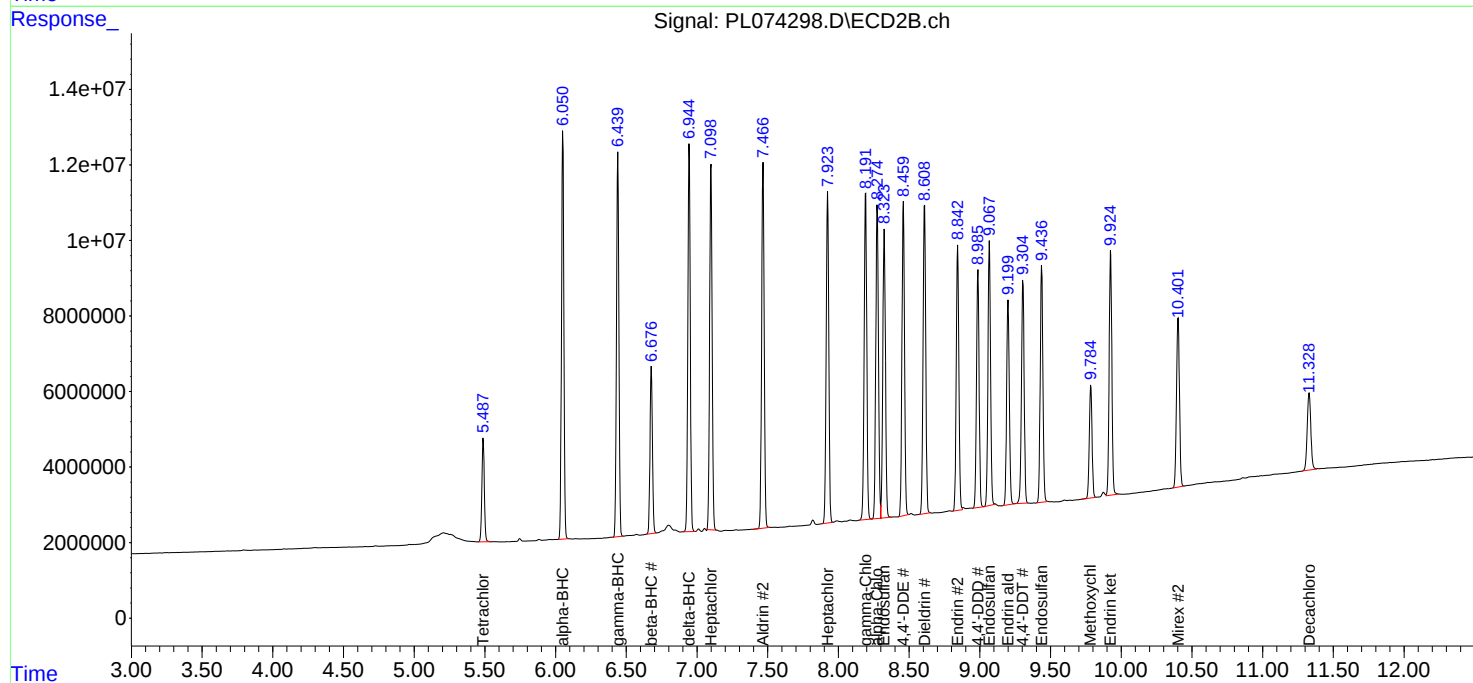
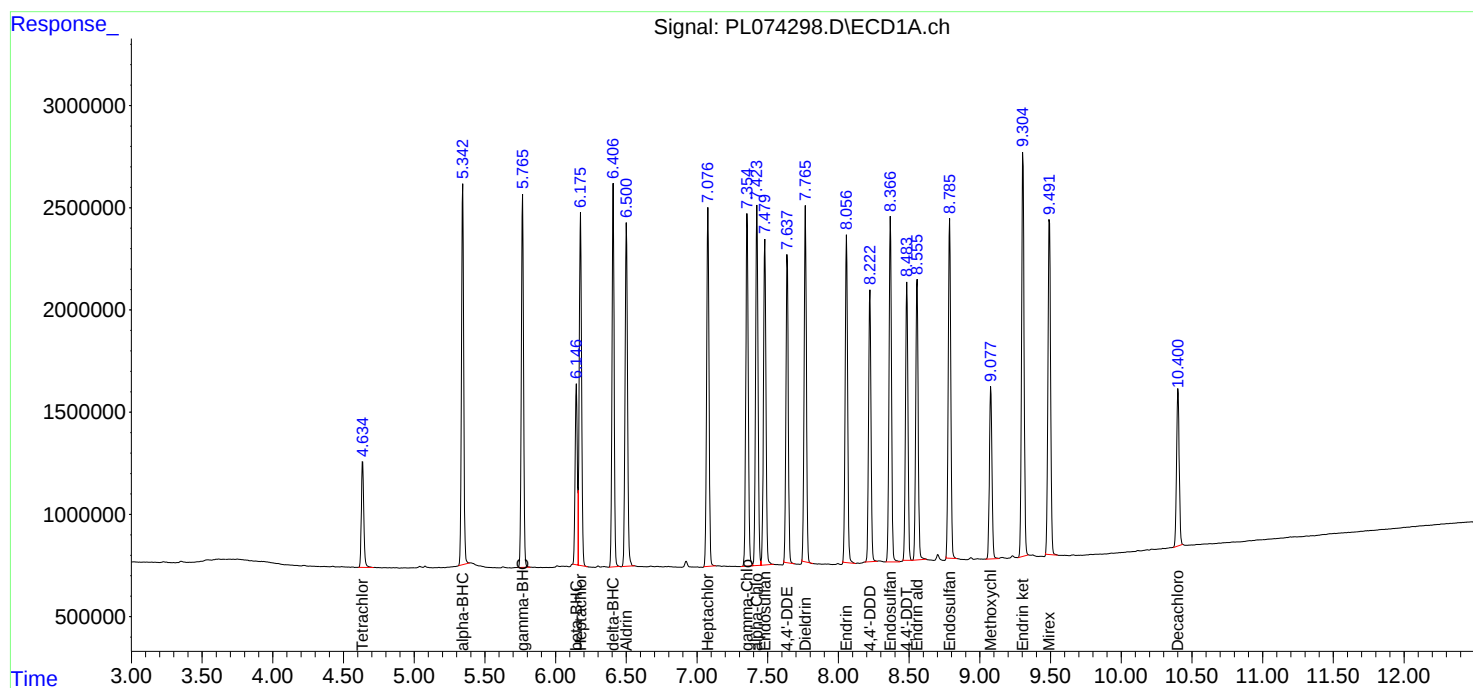
Instrument :
 ECD_L
 ClientSampleId :
 PB144296BS

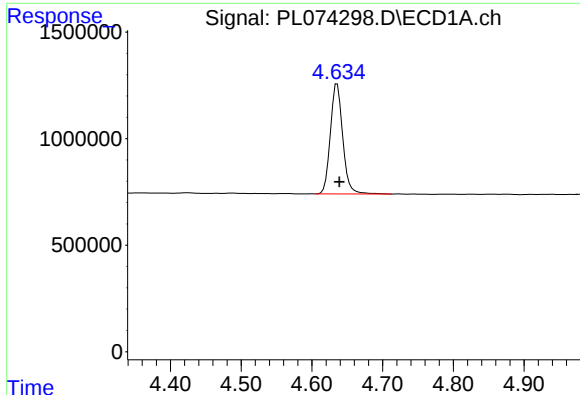
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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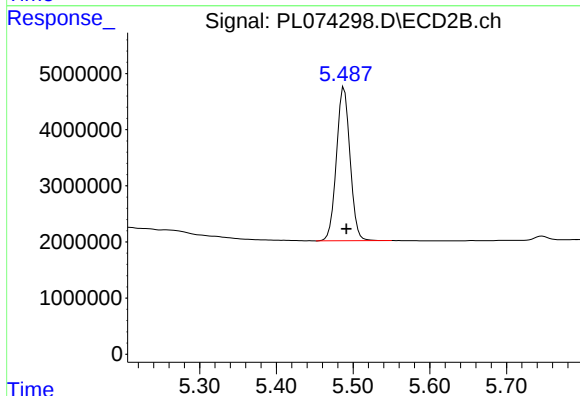
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 6276138
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

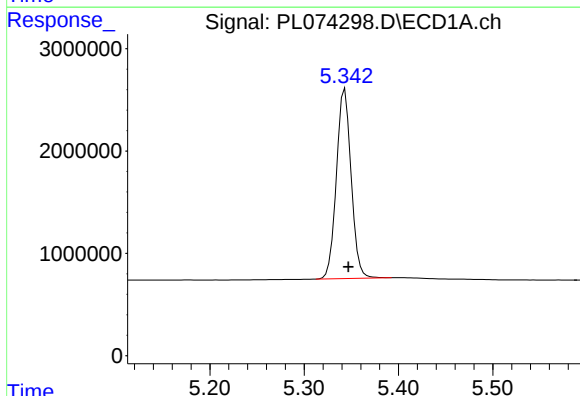
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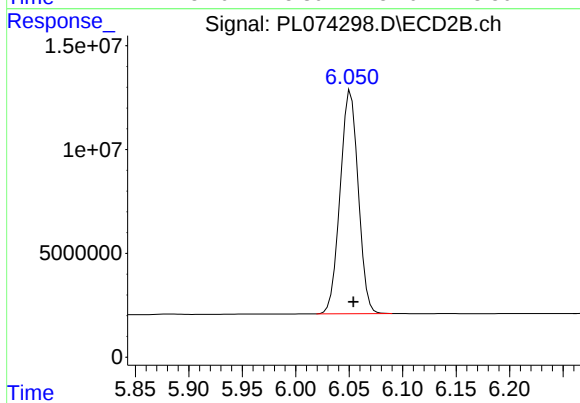
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 33702055
Conc: 18.90 ng/ml



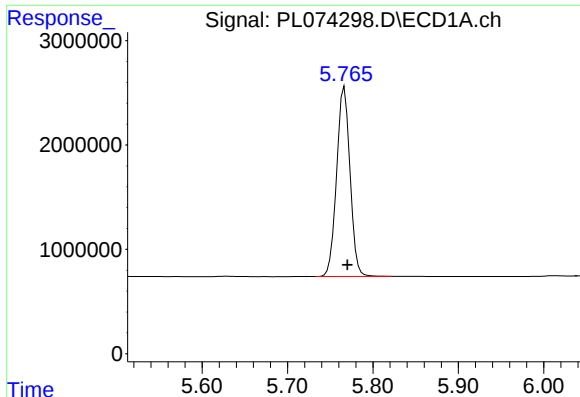
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 20095277
Conc: 47.88 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 126852503
Conc: 50.38 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 19811517
Conc: 47.24 ng/ml

Instrument :

ECD_L

ClientSampleId :

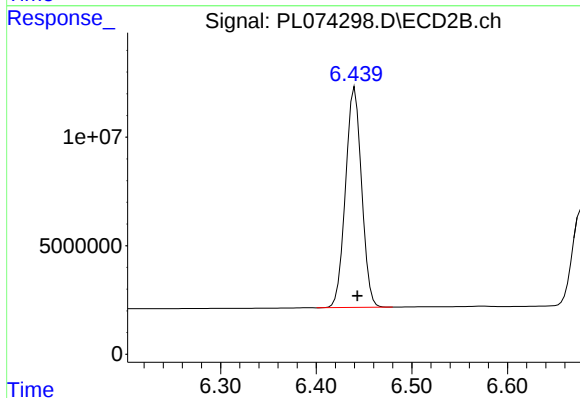
PB144296BS

Manual Integrations

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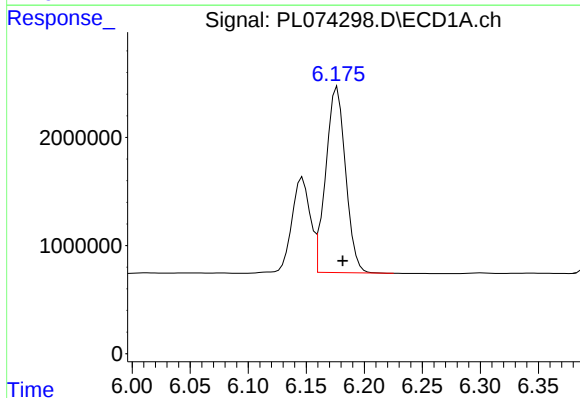
Reviewed By :Abdul Mirza 04/25/2022

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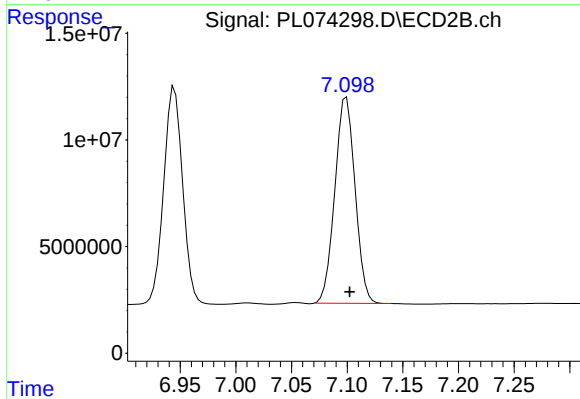
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 119122991
Conc: 50.32 ng/ml



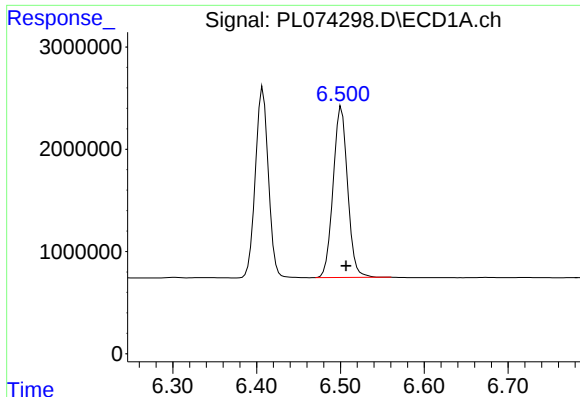
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 20329708
Conc: 45.13 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 122189555
Conc: 46.84 ng/ml



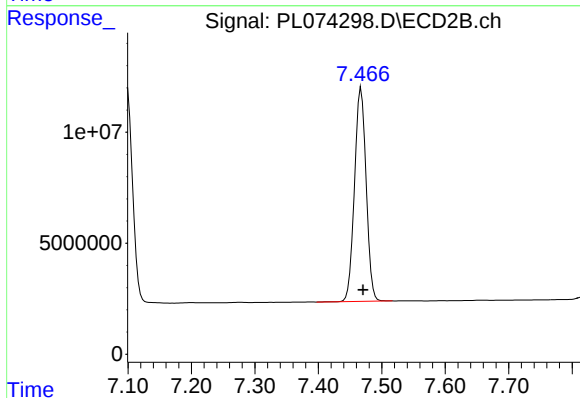
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 20034943
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

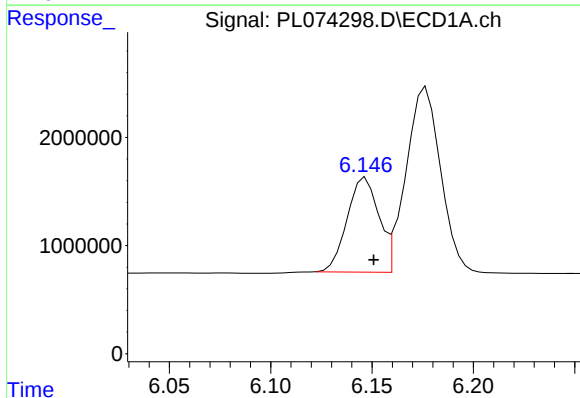
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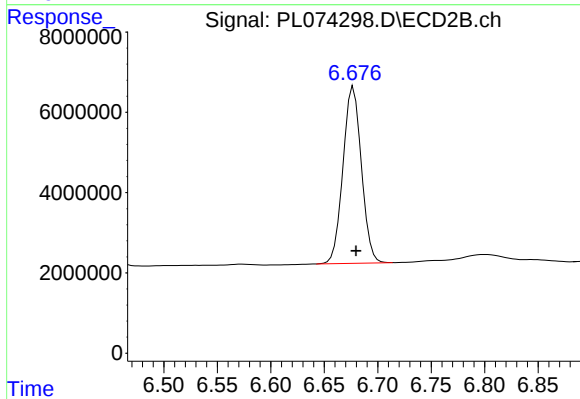
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 122677358
Conc: 52.23 ng/ml



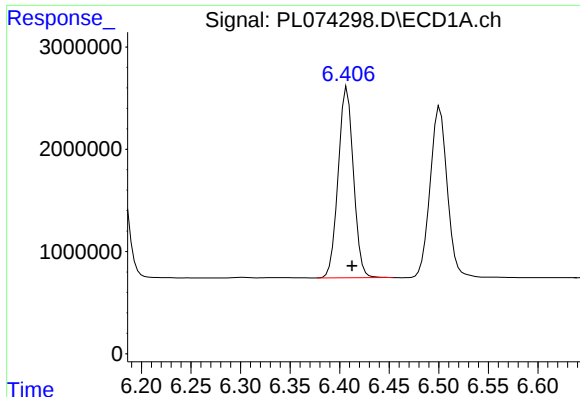
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 9477265
Conc: 46.38 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 52787870
Conc: 46.84 ng/ml



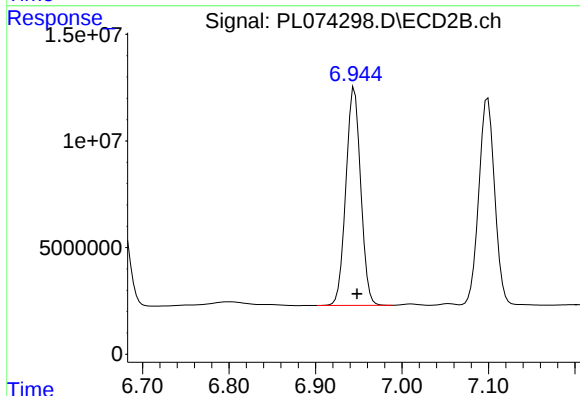
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 19945810
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

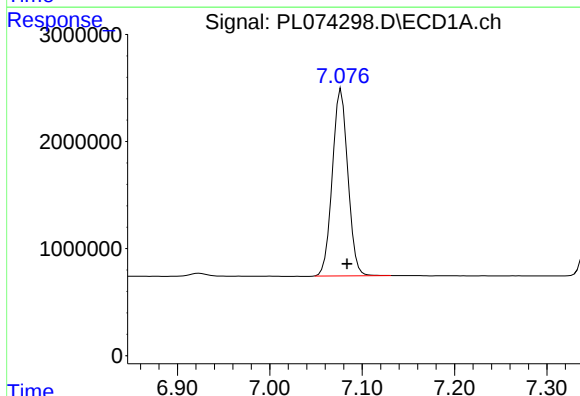
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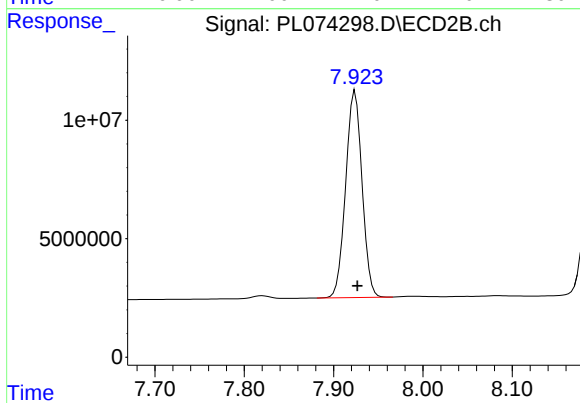
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 121033428
Conc: 49.56 ng/ml



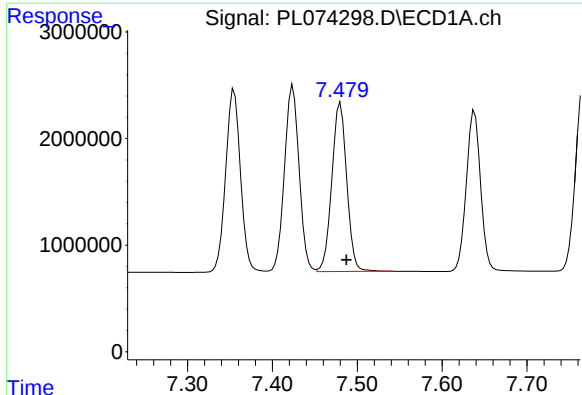
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 20385865
Conc: 47.53 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: -0.003 min
Response: 111208507
Conc: 49.39 ng/ml



#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 19397083
Conc: 47.30 ng/ml

Instrument :

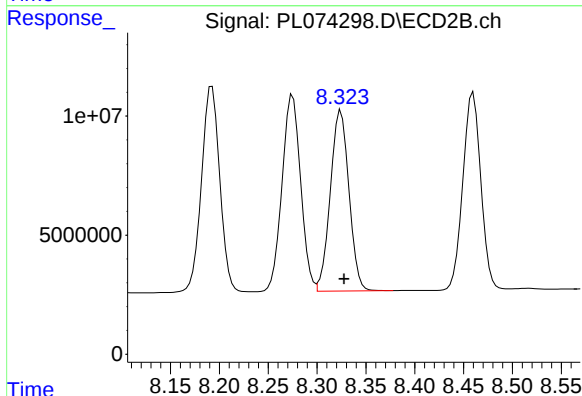
ECD_L

ClientSampleId :

PB144296BS

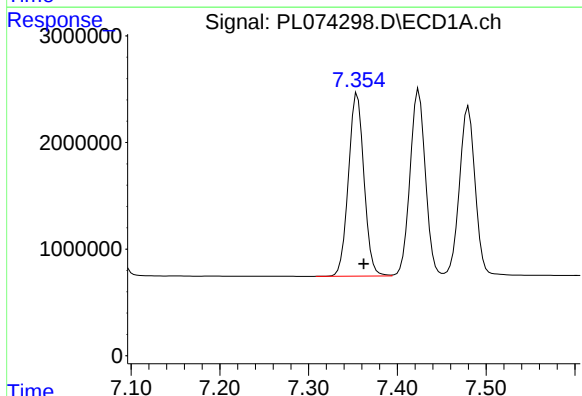
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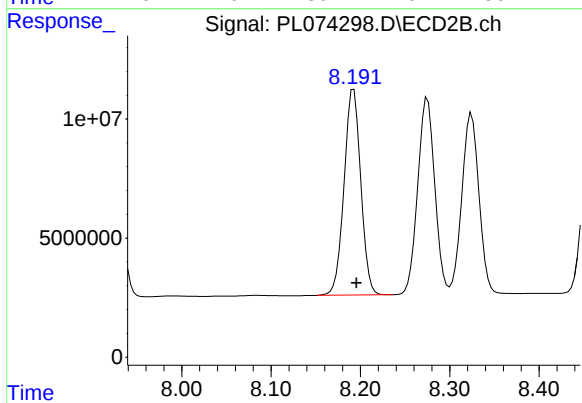
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 100767946
Conc: 51.19 ng/ml



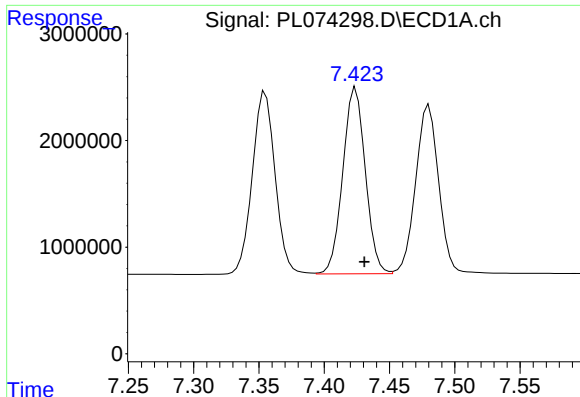
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 20834861
Conc: 47.50 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 112232888
Conc: 50.32 ng/ml



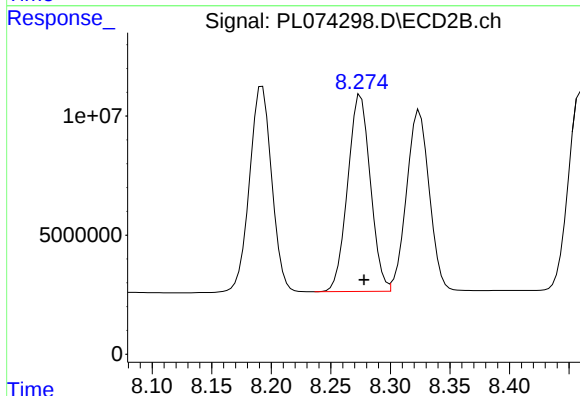
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 20986648
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

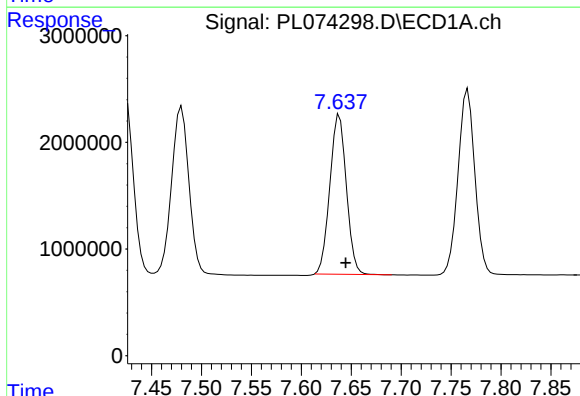
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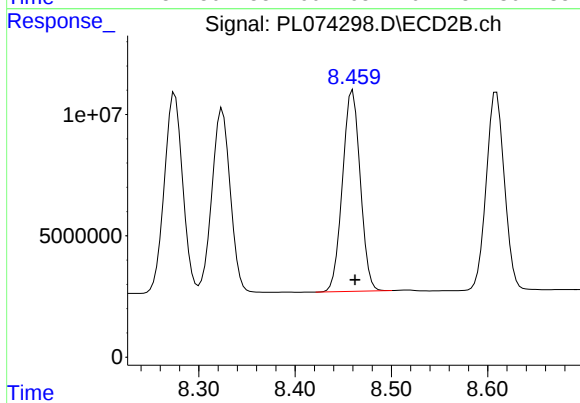
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 109603710
Conc: 50.92 ng/ml



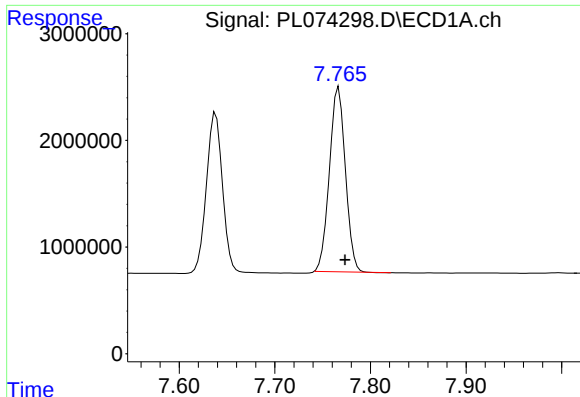
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 17243759
Conc: 47.27 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 105893803
Conc: 53.17 ng/ml



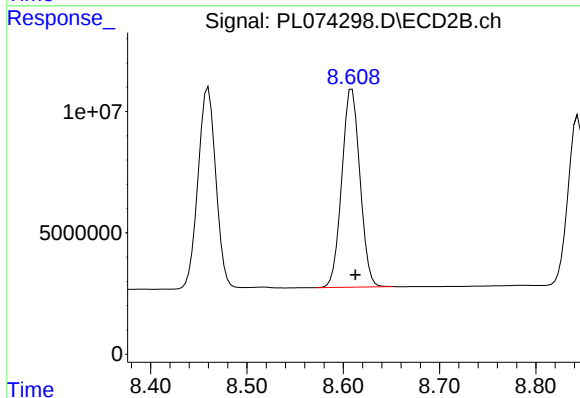
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 20029701
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

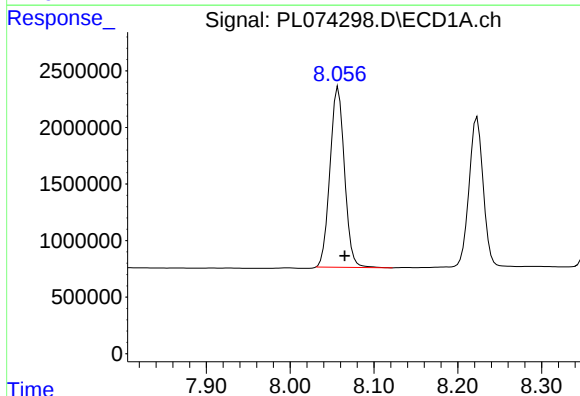
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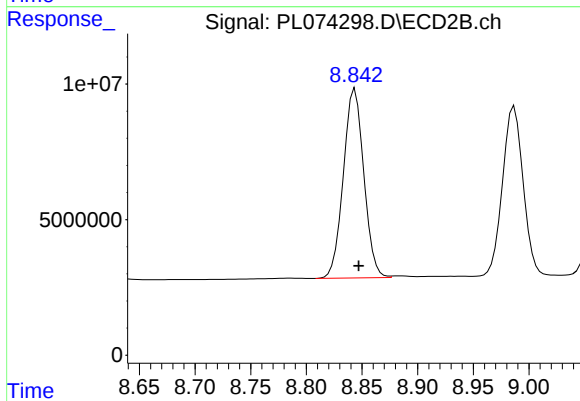
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 106692222
Conc: 53.21 ng/ml



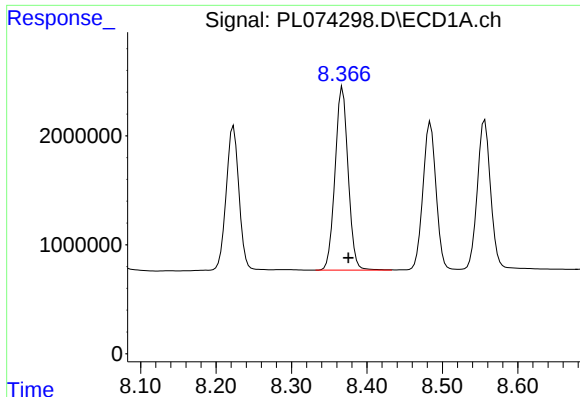
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 19116984
Conc: 47.06 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 89244460
Conc: 52.69 ng/ml



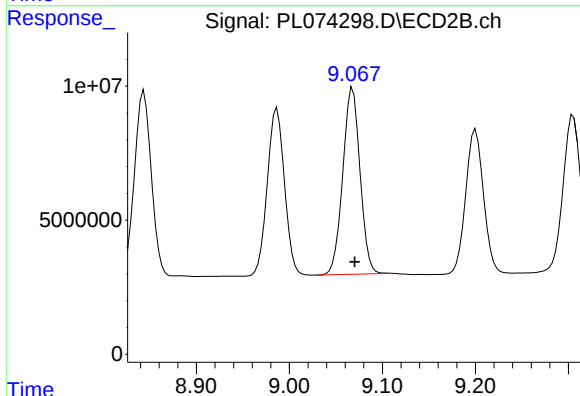
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.008 min
Response: 20285318
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

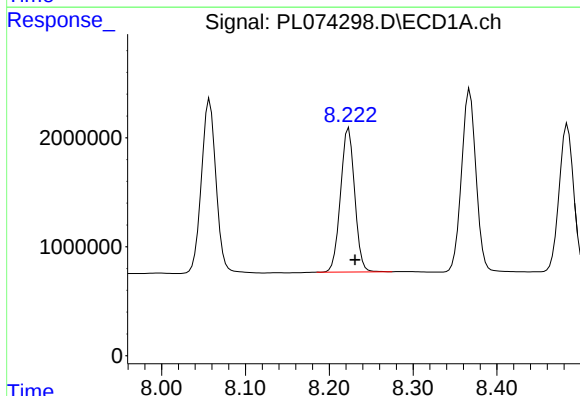
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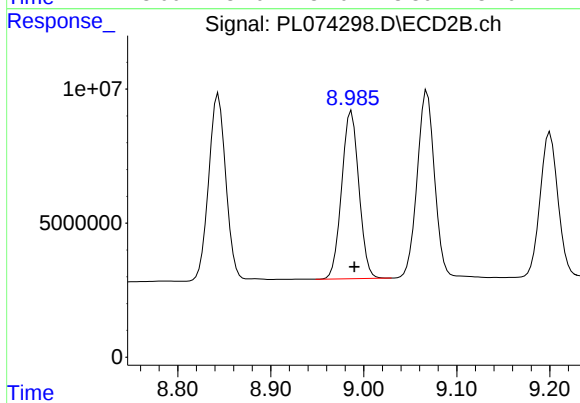
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 89799180
Conc: 51.69 ng/ml



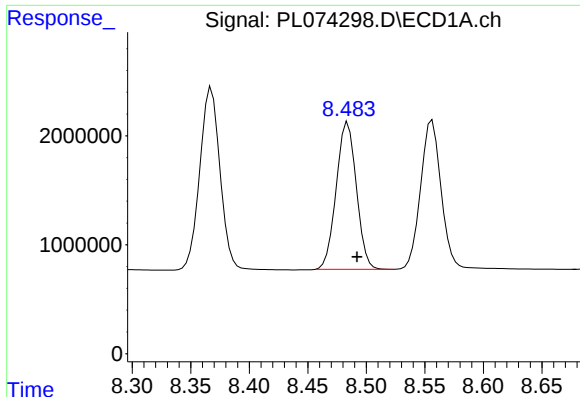
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.007 min
Response: 15472470
Conc: 47.91 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 80580669
Conc: 52.37 ng/ml



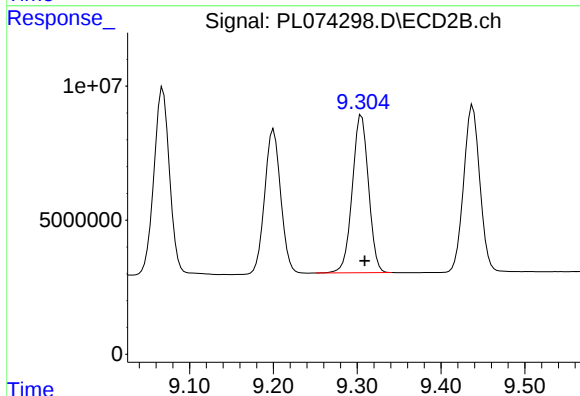
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 16174234
Conc: 43.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

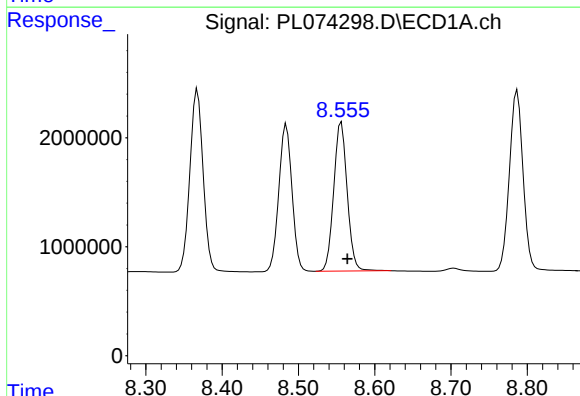
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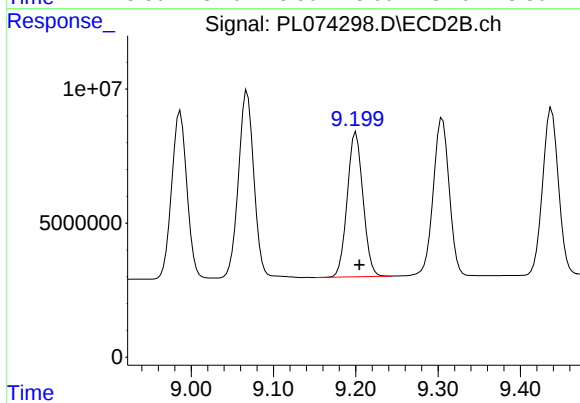
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 79323645
Conc: 44.75 ng/ml



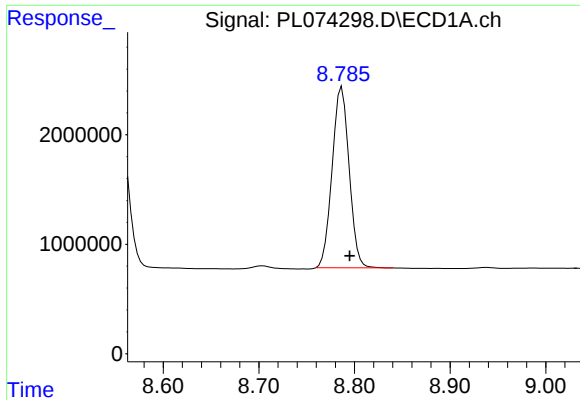
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 16703313
Conc: 51.62 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 71631670
Conc: 55.46 ng/ml



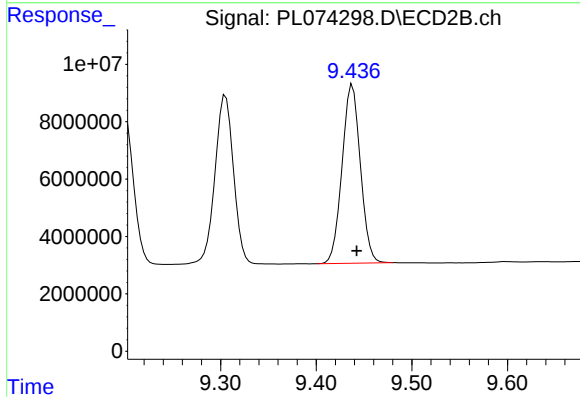
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 20358204
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

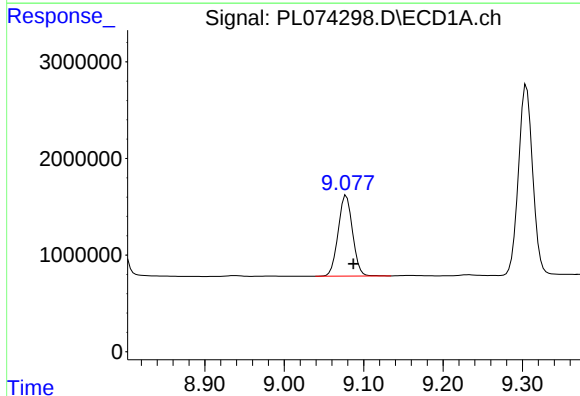
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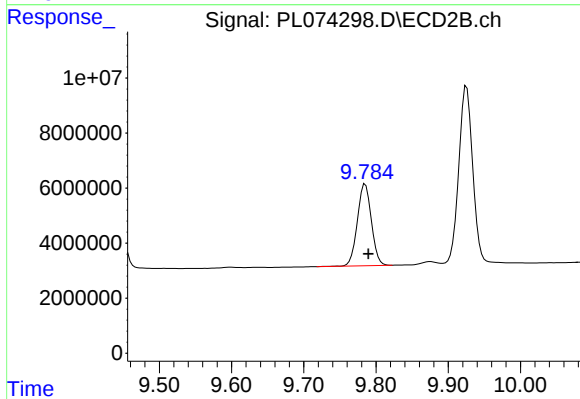
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 83210108
Conc: 50.00 ng/ml



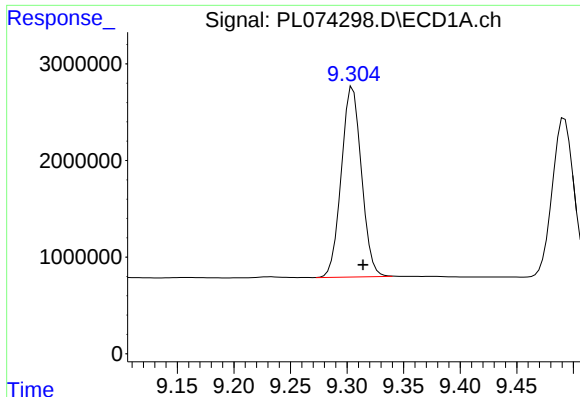
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 10592690
Conc: 42.67 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 40075491
Conc: 41.67 ng/ml



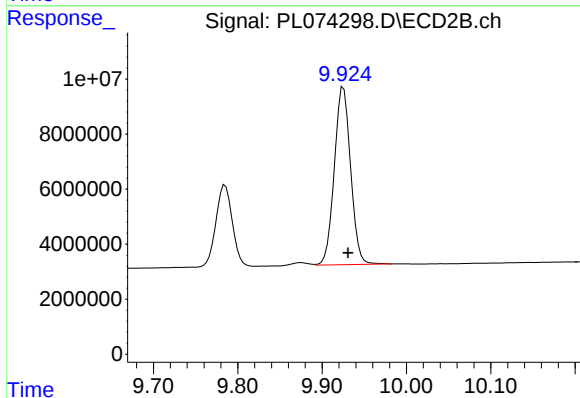
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 24385023
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

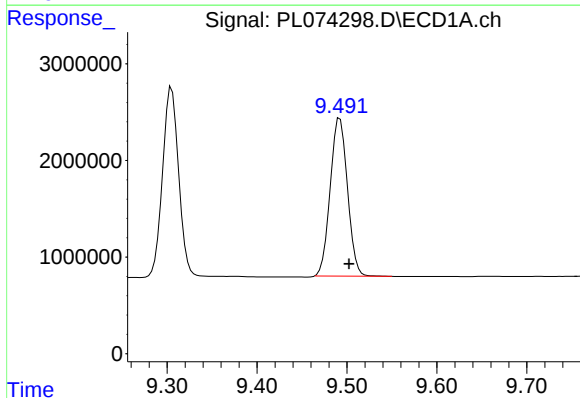
Manual Integrations
APPROVED

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



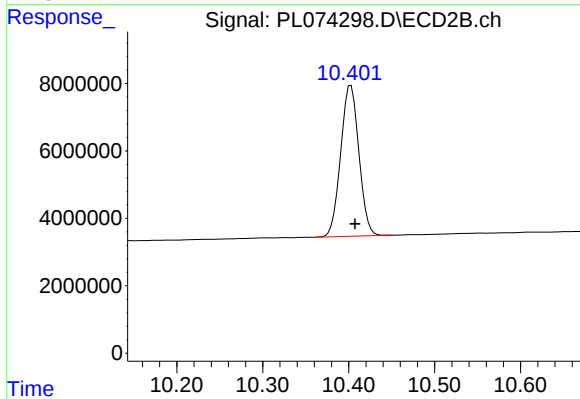
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: -0.005 min
Response: 86783324
Conc: 50.14 ng/ml



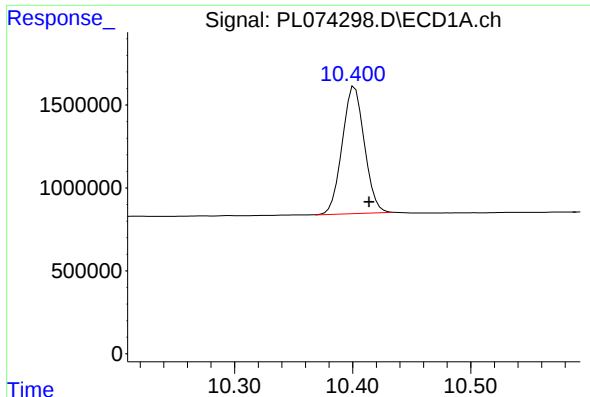
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.010 min
Response: 21826939
Conc: 46.80 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 65952347
Conc: 47.88 ng/ml



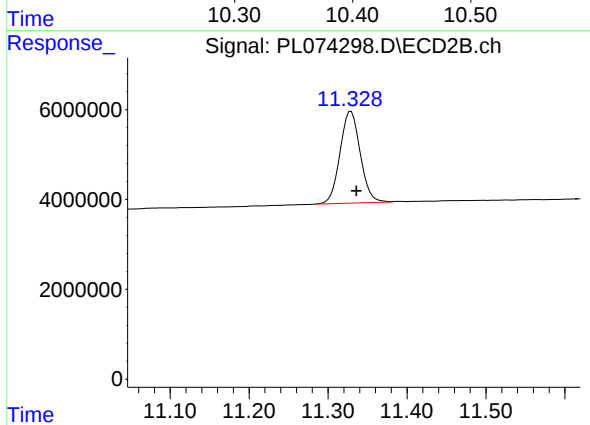
#28 Decachlorobiphenyl

R.T.: 10.400 min
Delta R.T.: -0.014 min
Response: 10008903
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144296BS

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: 36323323
Conc: 20.56 ng/ml