

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110921\
 Data File : PL070869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2021 11:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2021
 Supervised By : mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 04:32:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.577	5.503	21599426	58520790	44.098	46.414
2) SA Decachlor...	10.340	11.399	28831670	61652209	42.195	46.099
Target Compounds						
2) A alpha-BHC	5.281	6.084	29850386	87335745	44.592m	47.444
3) MA gamma-BHC...	5.705	6.480	28801911	81329759	42.938	46.902
4) MA Heptachlor	6.113	7.128	31284690	83003179	43.602	51.102
5) MB Aldrin	6.437	7.498	27344092	77096671	42.761	47.478
6) B beta-BHC	6.088	6.737	14148136	44427040	43.555	51.851
7) B delta-BHC	6.347	7.003	28953711	76887682	43.749	45.978
8) B Heptachlo...	7.014	7.964	27635970	74844182	42.507	49.105m
9) A Endosulfan I	7.415	8.370	26159676	66978179	42.705m	46.557
10) B gamma-Chl...	7.291	8.235	28066958	69558701	42.281	44.924
11) B alpha-Chl...	7.361	8.316	28320220	70768842	42.500	46.529
12) B 4,4'-DDE	7.577	8.505	25071080	69248283	43.031	46.932
13) MA Dieldrin	7.702	8.660	26600875	68558765	42.615	47.051
14) MA Endrin	7.994	8.898	24828893	58542943	43.792	50.542
15) B Endosulfa...	8.304	9.133	24718309	57353896	40.834	46.959
16) A 4,4'-DDD	8.162	9.043	21921029	51206780	43.144	42.551m
17) MA 4,4'-DDT	8.422	9.361	24734619	61907274	44.974	49.071
18) B Endrin al...	8.494	9.268	19464110	44337599	42.843	45.848
19) B Endosulfa...	8.724	9.505	26436932	56850997	42.855	45.870
20) A Methoxychlor	9.017	9.849	16105227	31806572	44.023	46.995
21) B Endrin ke...	9.242	10.002	30594050	63744411	42.785	44.406
22) Mirex	9.425	10.467	26017543	45691249	42.365	43.866

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110921\
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 Acq On : 09 Nov 2021 11:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

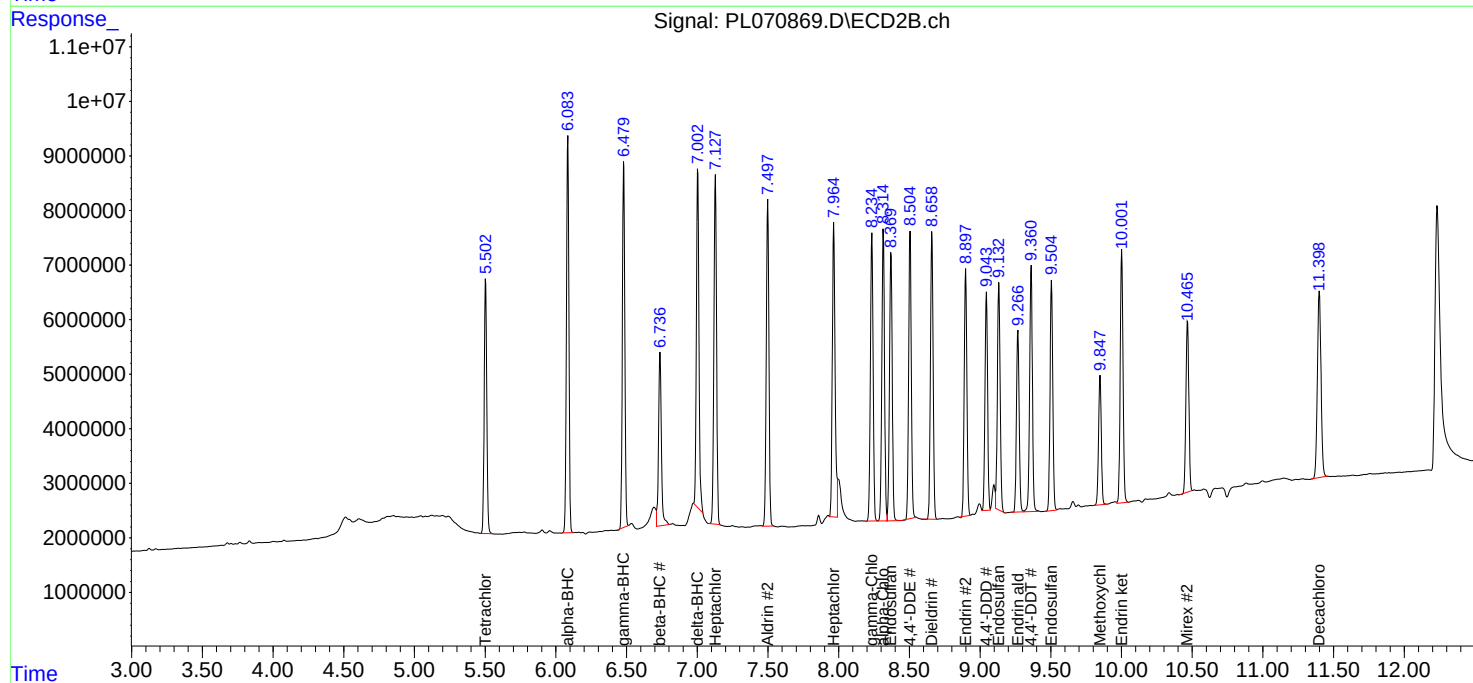
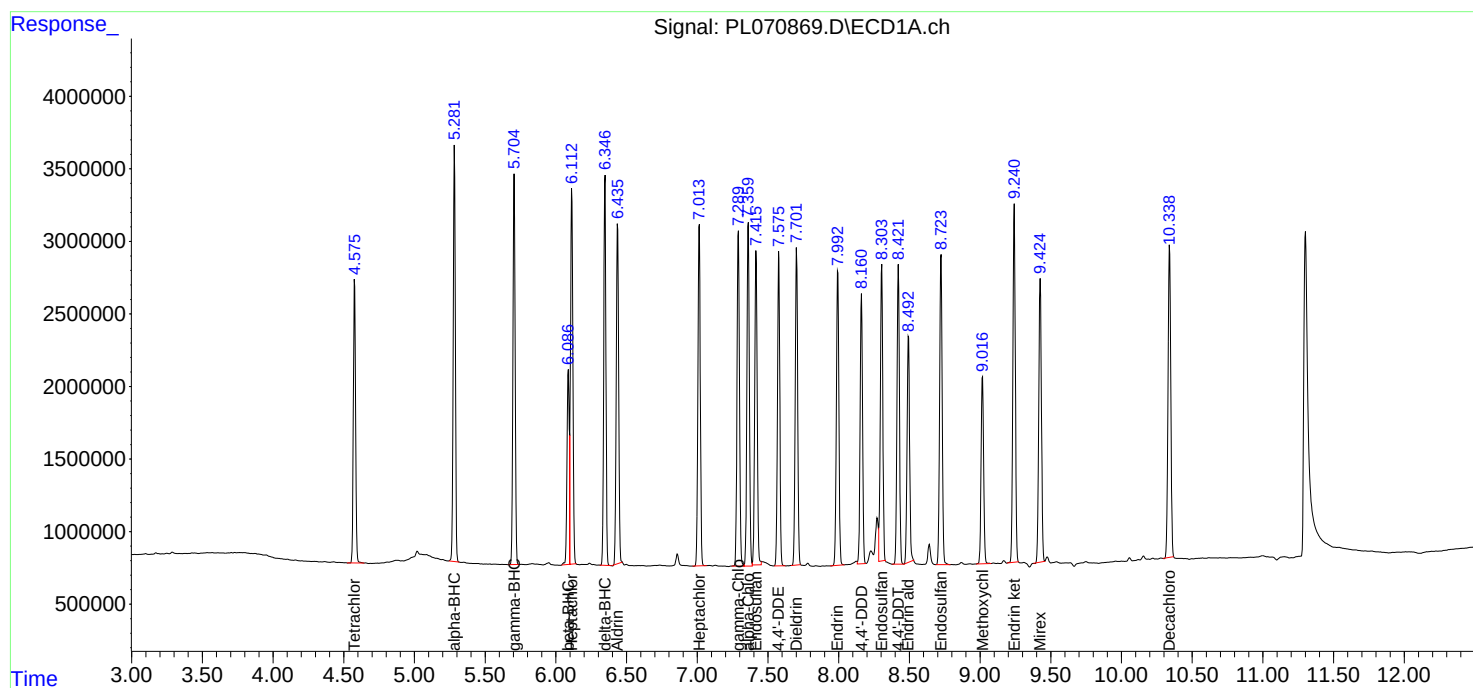
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

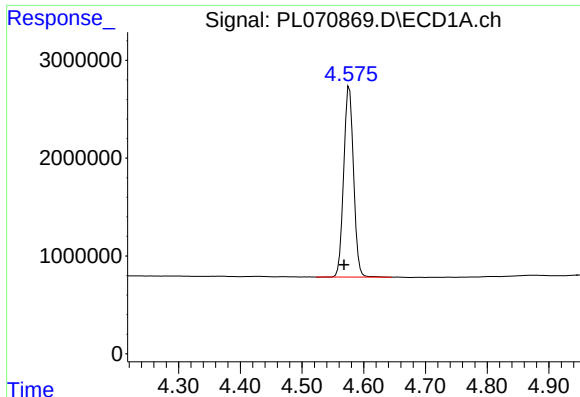
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/10/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





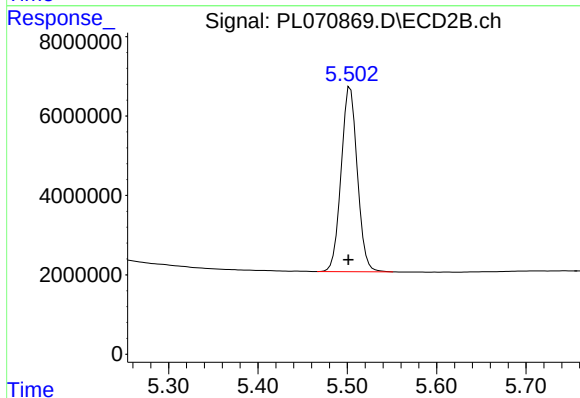
#1 Tetrachloro-m-xylene

R.T.: 4.577 min
Delta R.T.: 0.009 min
Response: 21599426
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

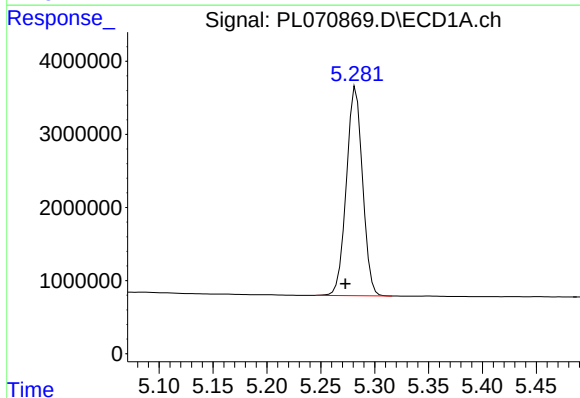
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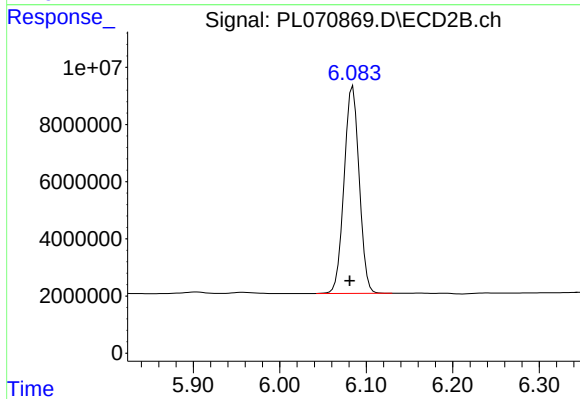
#1 Tetrachloro-m-xylene

R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 58520790
Conc: 46.41 ng/ml



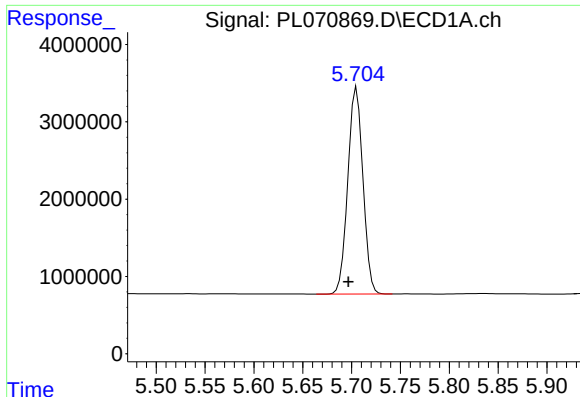
#2 alpha-BHC

R.T.: 5.281 min
Delta R.T.: 0.008 min
Response: 29850386
Conc: 44.59 ng/ml m



#2 alpha-BHC

R.T.: 6.084 min
Delta R.T.: 0.003 min
Response: 87335745
Conc: 47.44 ng/ml



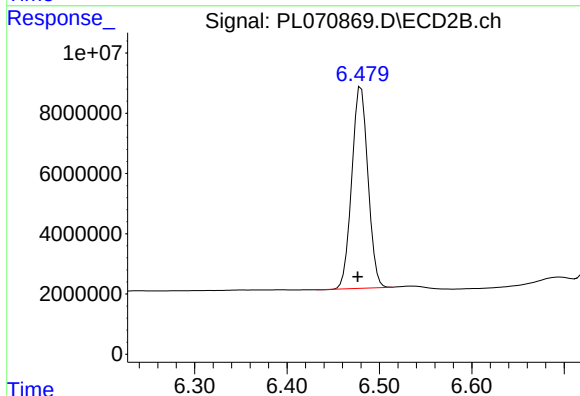
#3 gamma-BHC (Lindane)

R.T.: 5.705 min
Delta R.T.: 0.009 min
Response: 28801911
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

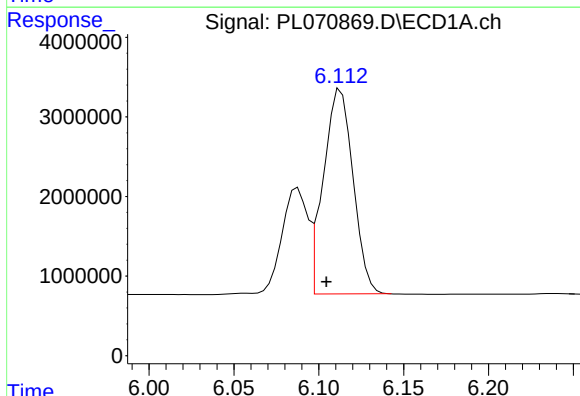
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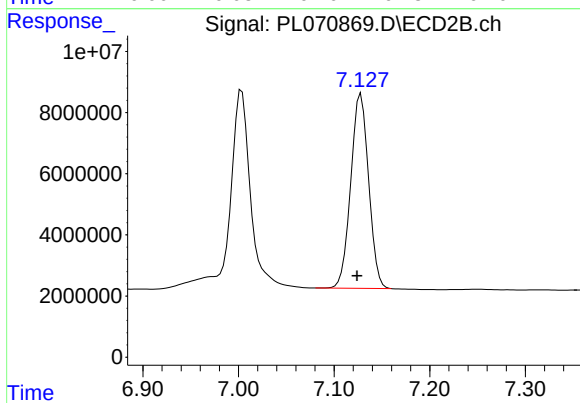
#3 gamma-BHC (Lindane)

R.T.: 6.480 min
Delta R.T.: 0.003 min
Response: 81329759
Conc: 46.90 ng/ml



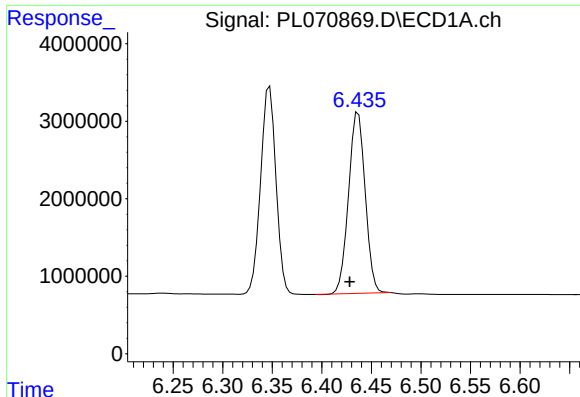
#4 Heptachlor

R.T.: 6.113 min
Delta R.T.: 0.008 min
Response: 31284690
Conc: 43.60 ng/ml



#4 Heptachlor

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 83003179
Conc: 51.10 ng/ml



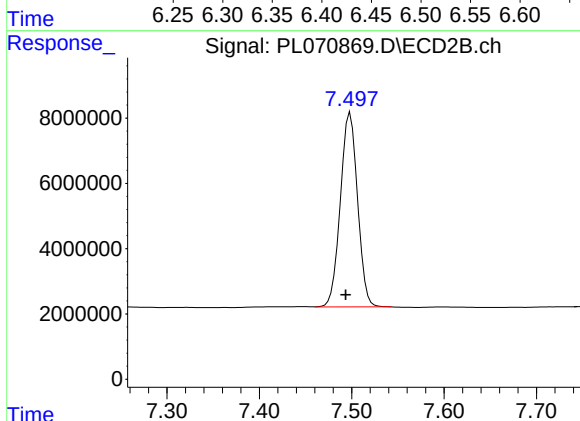
#5 Aldrin

R.T.: 6.437 min
Delta R.T.: 0.008 min
Response: 27344092
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

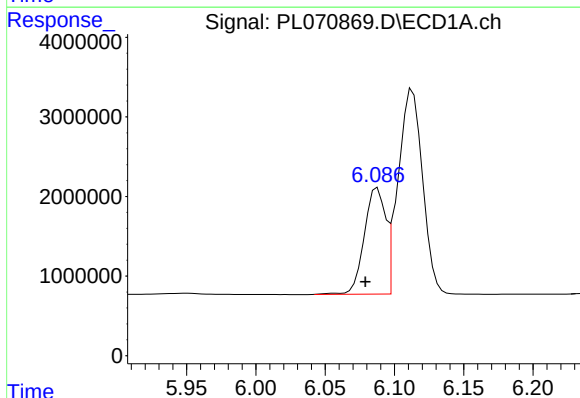
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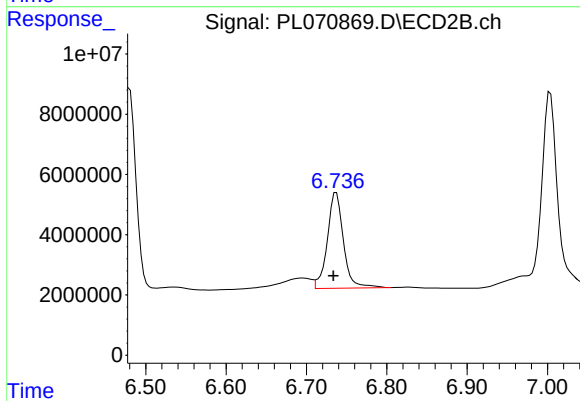
#5 Aldrin

R.T.: 7.498 min
Delta R.T.: 0.005 min
Response: 77096671
Conc: 47.48 ng/ml



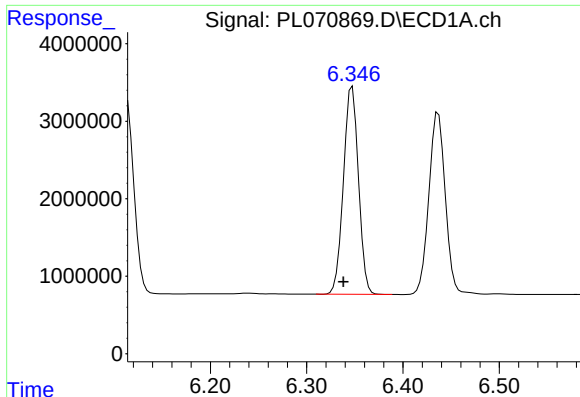
#6 beta-BHC

R.T.: 6.088 min
Delta R.T.: 0.009 min
Response: 14148136
Conc: 43.55 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 44427040
Conc: 51.85 ng/ml



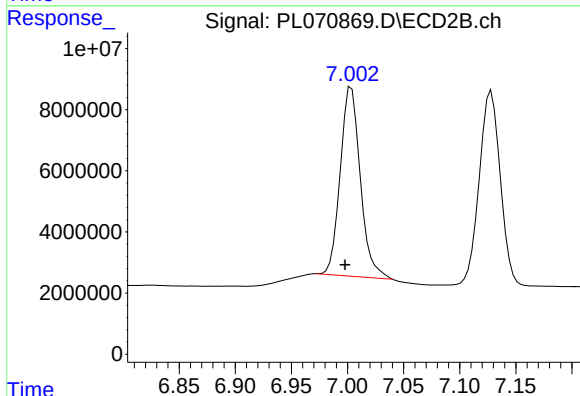
#7 delta-BHC

R.T.: 6.347 min
Delta R.T.: 0.009 min
Response: 28953711
Conc: 43.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

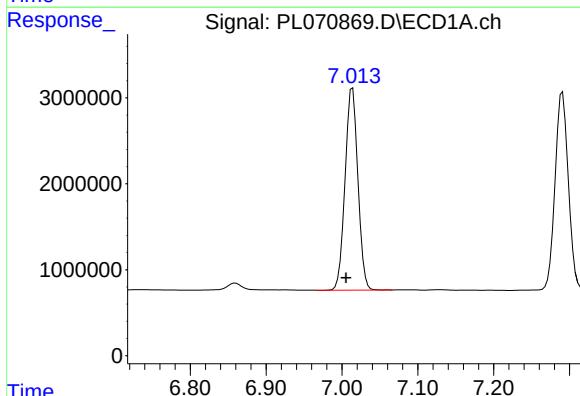
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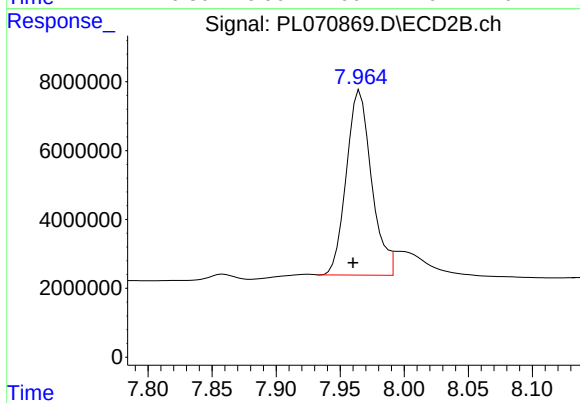
#7 delta-BHC

R.T.: 7.003 min
Delta R.T.: 0.006 min
Response: 76887682
Conc: 45.98 ng/ml



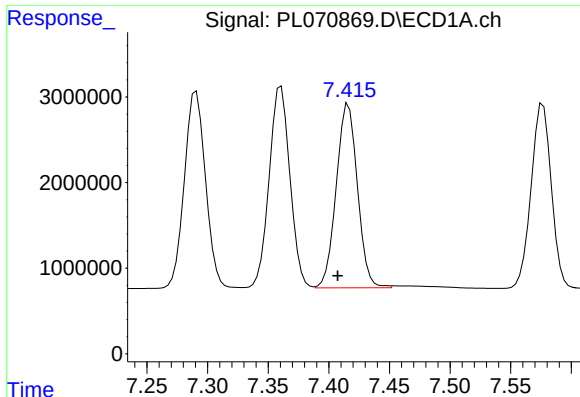
#8 Heptachlor epoxide

R.T.: 7.014 min
Delta R.T.: 0.009 min
Response: 27635970
Conc: 42.51 ng/ml



#8 Heptachlor epoxide

R.T.: 7.964 min
Delta R.T.: 0.004 min
Response: 74844182
Conc: 49.11 ng/ml m



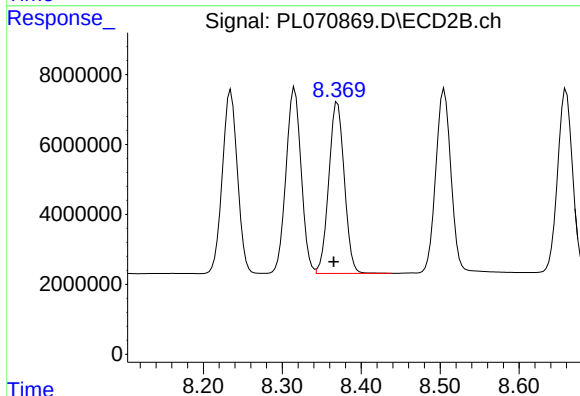
#9 Endosulfan I

R.T.: 7.415 min
Delta R.T.: 0.007 min
Response: 26159676
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

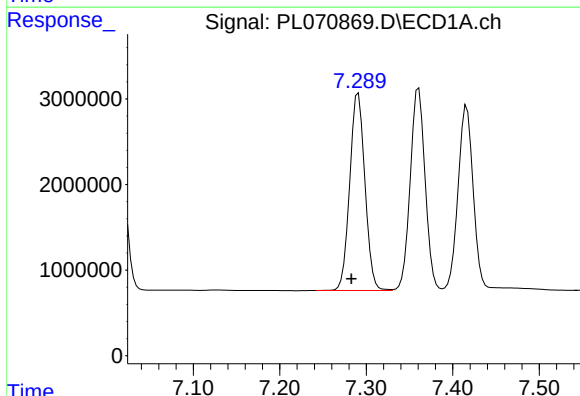
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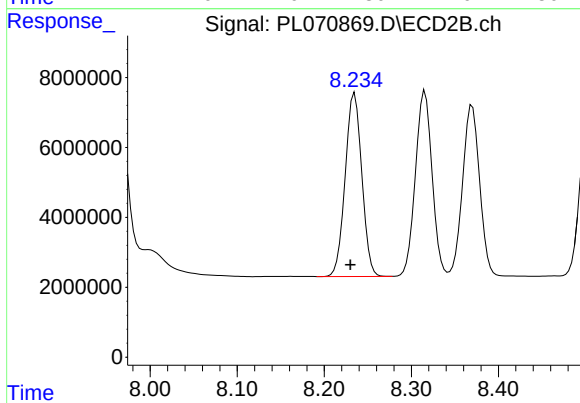
#9 Endosulfan I

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 66978179
Conc: 46.56 ng/ml



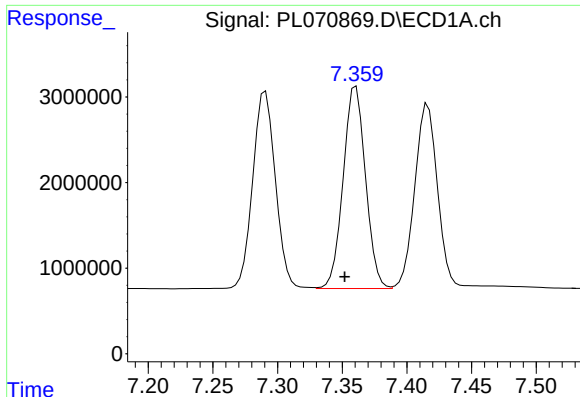
#10 gamma-Chlordane

R.T.: 7.291 min
Delta R.T.: 0.008 min
Response: 28066958
Conc: 42.28 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 69558701
Conc: 44.92 ng/ml



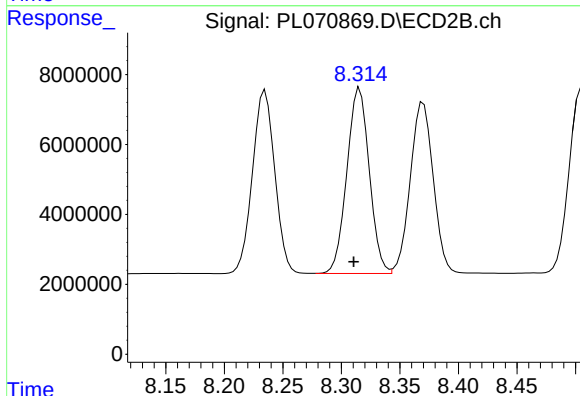
#11 alpha-Chlordane

R.T.: 7.361 min
Delta R.T.: 0.009 min
Response: 28320220
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

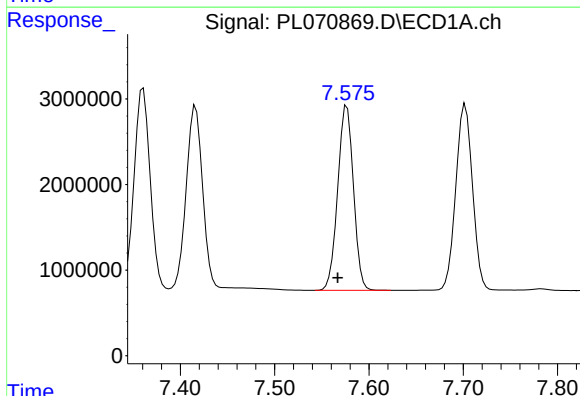
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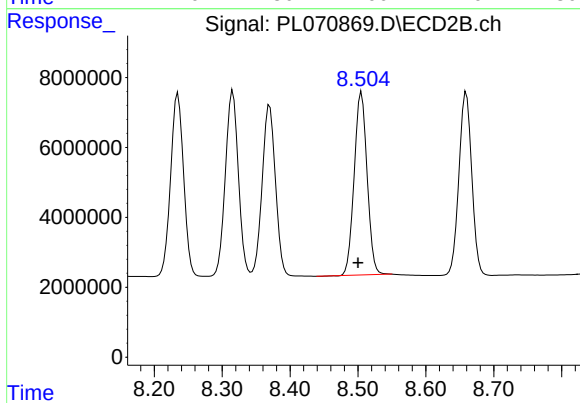
#11 alpha-Chlordane

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 70768842
Conc: 46.53 ng/ml



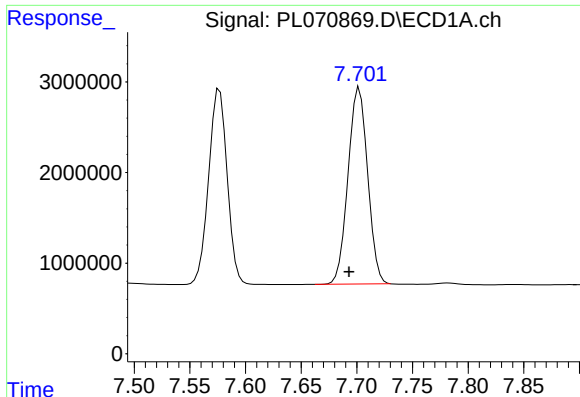
#12 4,4'-DDE

R.T.: 7.577 min
Delta R.T.: 0.010 min
Response: 25071080
Conc: 43.03 ng/ml



#12 4,4'-DDE

R.T.: 8.505 min
Delta R.T.: 0.005 min
Response: 69248283
Conc: 46.93 ng/ml



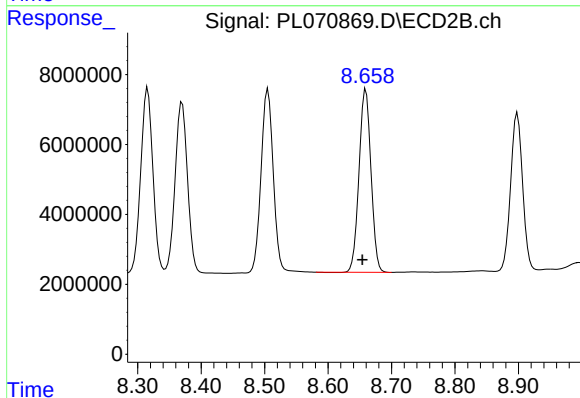
#13 Dieldrin

R.T.: 7.702 min
Delta R.T.: 0.009 min
Response: 26600875
Conc: 42.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

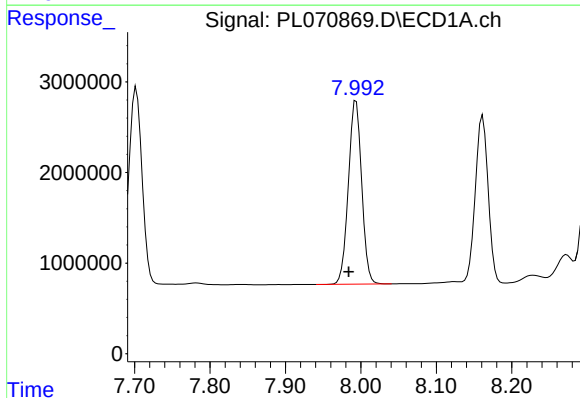
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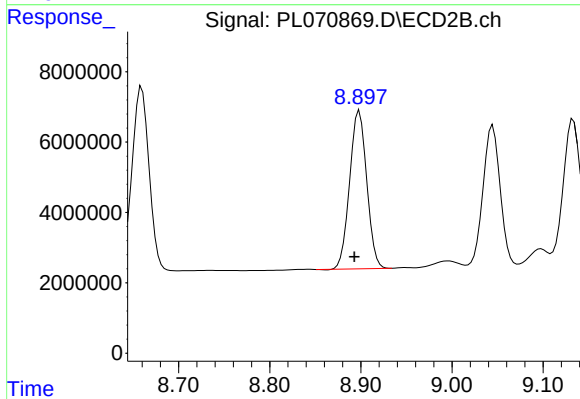
#13 Dieldrin

R.T.: 8.660 min
Delta R.T.: 0.005 min
Response: 68558765
Conc: 47.05 ng/ml



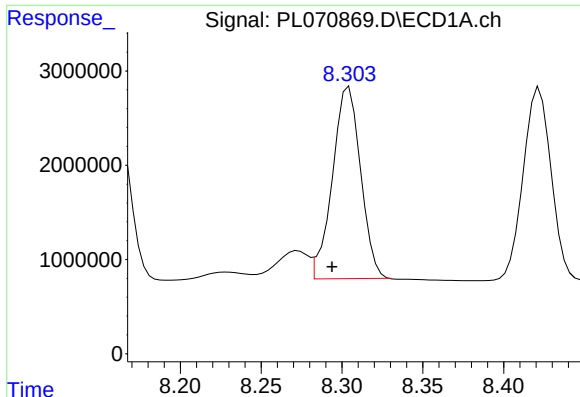
#14 Endrin

R.T.: 7.994 min
Delta R.T.: 0.010 min
Response: 24828893
Conc: 43.79 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.006 min
Response: 58542943
Conc: 50.54 ng/ml



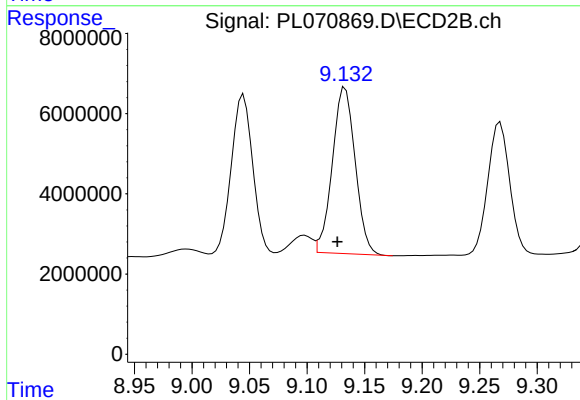
#15 Endosulfan II

R.T.: 8.304 min
Delta R.T.: 0.011 min
Response: 24718309
Conc: 40.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

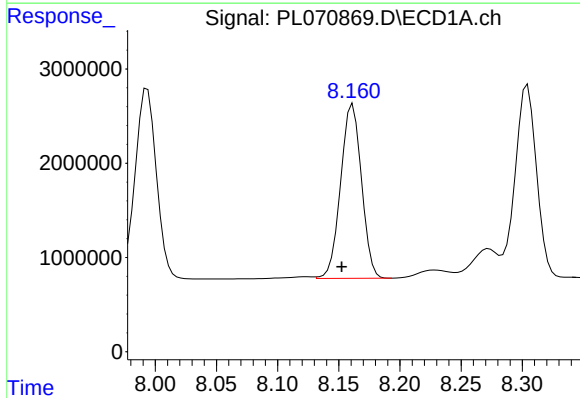
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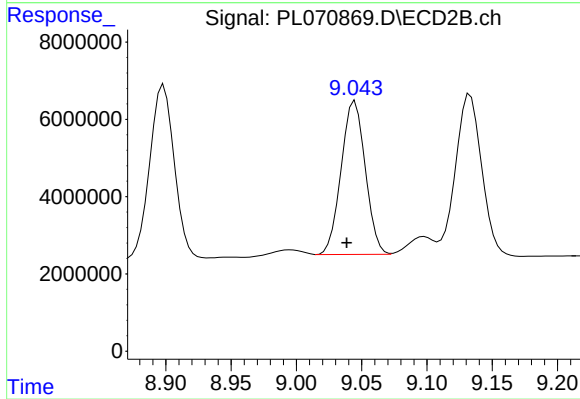
#15 Endosulfan II

R.T.: 9.133 min
Delta R.T.: 0.007 min
Response: 57353896
Conc: 46.96 ng/ml



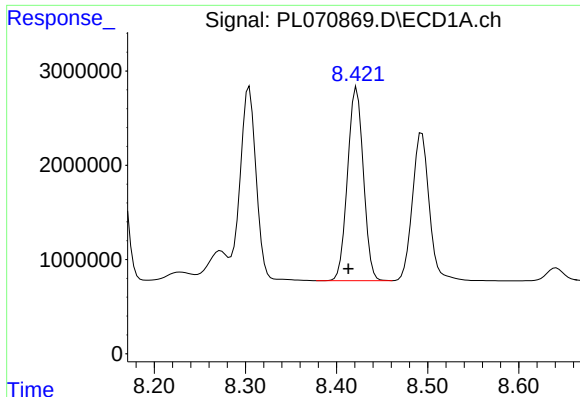
#16 4,4'-DDD

R.T.: 8.162 min
Delta R.T.: 0.009 min
Response: 21921029
Conc: 43.14 ng/ml



#16 4,4'-DDD

R.T.: 9.043 min
Delta R.T.: 0.005 min
Response: 51206780
Conc: 42.55 ng/ml m



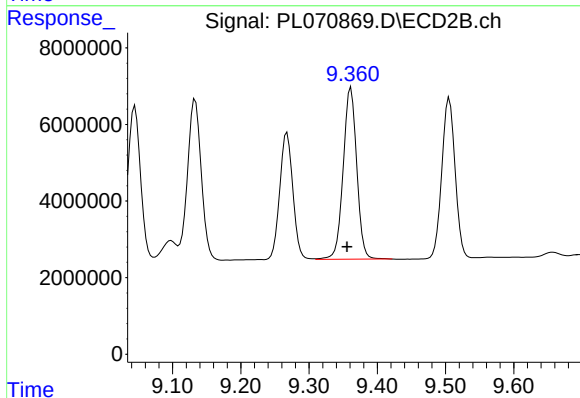
#17 4,4'-DDT

R.T.: 8.422 min
Delta R.T.: 0.009 min
Response: 24734619
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

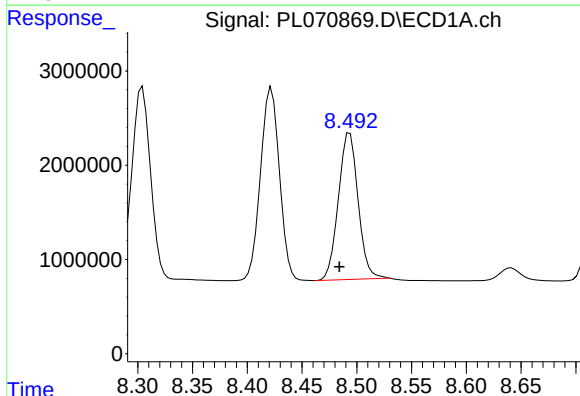
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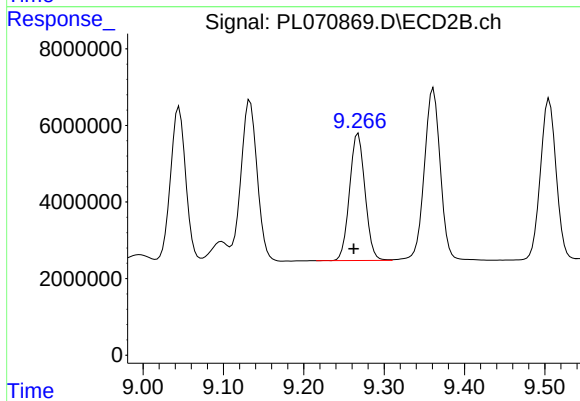
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.006 min
Response: 61907274
Conc: 49.07 ng/ml



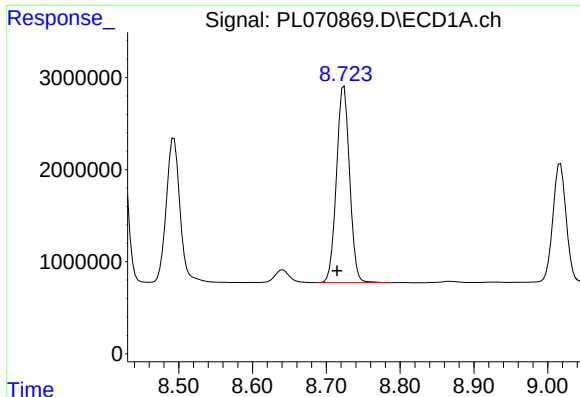
#18 Endrin aldehyde

R.T.: 8.494 min
Delta R.T.: 0.009 min
Response: 19464110
Conc: 42.84 ng/ml



#18 Endrin aldehyde

R.T.: 9.268 min
Delta R.T.: 0.005 min
Response: 44337599
Conc: 45.85 ng/ml



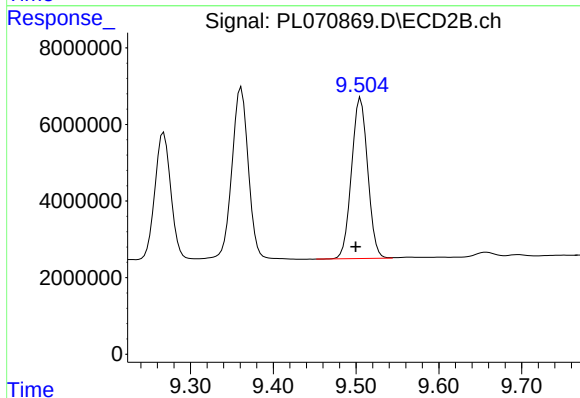
#19 Endosulfan Sulfate

R.T.: 8.724 min
Delta R.T.: 0.009 min
Response: 26436932
Conc: 42.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

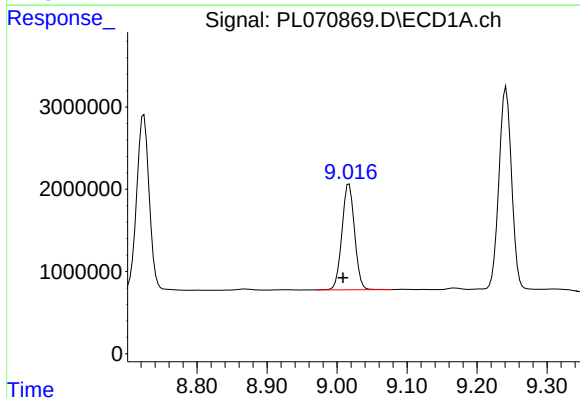
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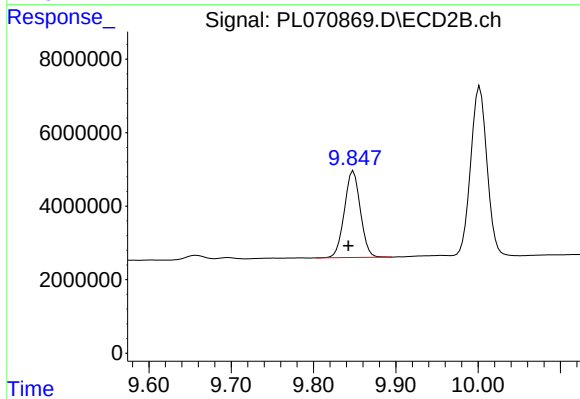
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.006 min
Response: 56850997
Conc: 45.87 ng/ml



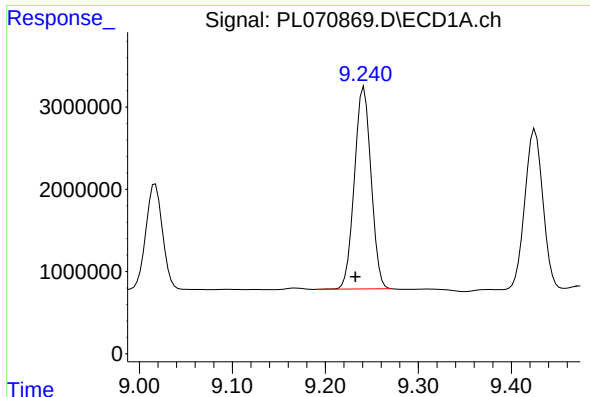
#20 Methoxychlor

R.T.: 9.017 min
Delta R.T.: 0.008 min
Response: 16105227
Conc: 44.02 ng/ml



#20 Methoxychlor

R.T.: 9.849 min
Delta R.T.: 0.006 min
Response: 31806572
Conc: 47.00 ng/ml



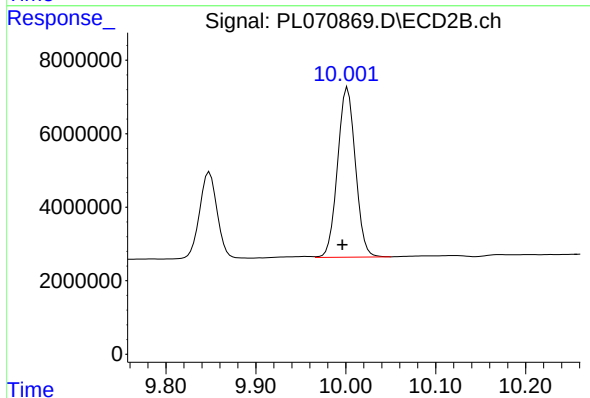
#21 Endrin ketone

R.T.: 9.242 min
Delta R.T.: 0.009 min
Response: 30594050
Conc: 42.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

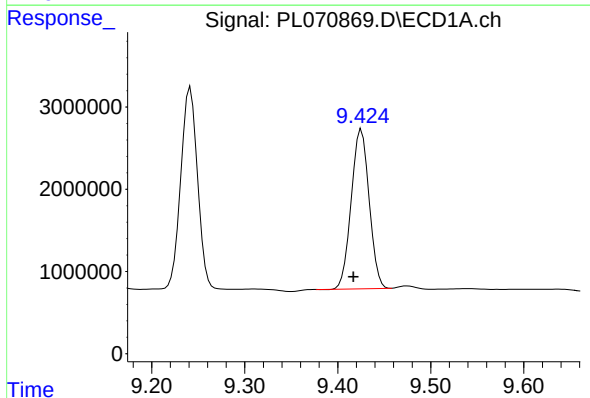
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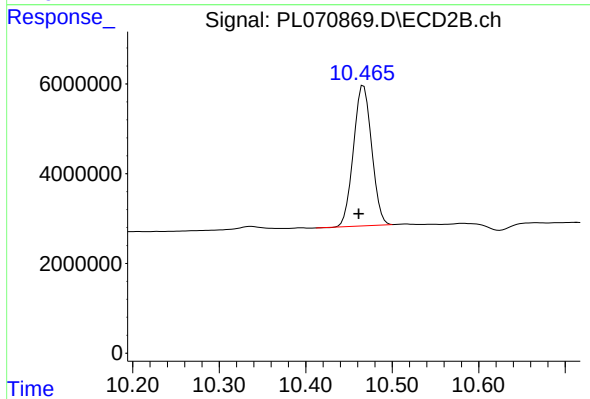
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.006 min
Response: 63744411
Conc: 44.41 ng/ml



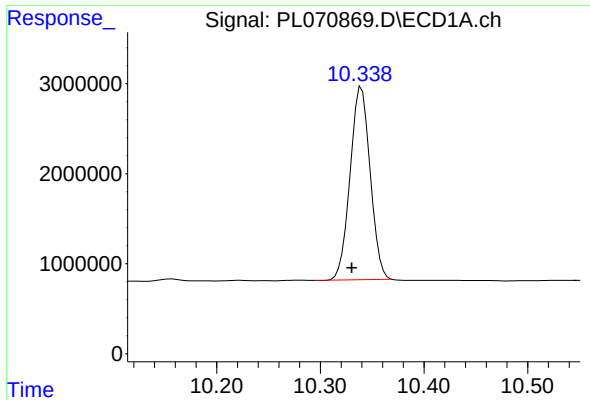
#22 Mirex

R.T.: 9.425 min
Delta R.T.: 0.009 min
Response: 26017543
Conc: 42.36 ng/ml



#22 Mirex

R.T.: 10.467 min
Delta R.T.: 0.006 min
Response: 45691249
Conc: 43.87 ng/ml



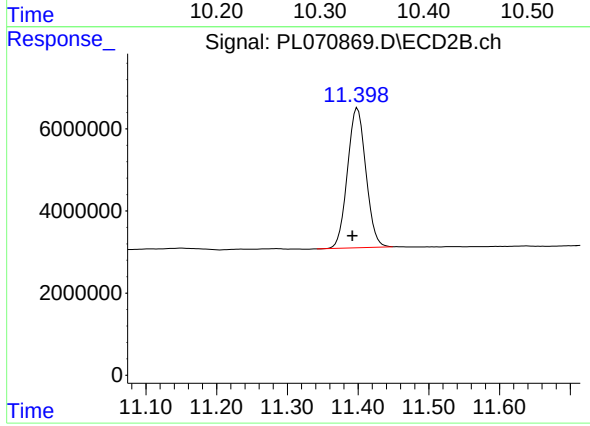
#28 Decachlorobiphenyl

R.T.: 10.340 min
Delta R.T.: 0.009 min
Response: 28831670
Conc: 42.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/10/2021
Supervised By :mohammad ahmed 11/10/2021



#28 Decachlorobiphenyl

R.T.: 11.399 min
Delta R.T.: 0.007 min
Response: 61652209
Conc: 46.10 ng/ml