

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022822\
 Data File : PL073059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2022 22:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2022
 Supervised By : Ankita Jodhani 03/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 02:33:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.647	5.490	16661928	78468829	51.994	54.072
28)	SA Decachlor...	10.424	11.328	24296355	83466232	51.908m	52.909
Target Compounds							
2)	A alpha-BHC	5.356	6.052	22156353	109.9E6	52.578	55.727
3)	MA gamma-BHC...	5.780	6.442	22215249	102.3E6	50.239	54.728
4)	MA Heptachlor	6.192	7.100	23099196	105.1E6	50.324	52.588
5)	MB Aldrin	6.518	7.468	23159160	100.9E6	52.220	55.120
6)	B beta-BHC	6.159	6.677	11190059	46801460	50.247	51.899
7)	B delta-BHC	6.421	6.945	23001972	103.7E6	52.674	54.783
8)	B Heptachlo...	7.094	7.924	23176090	92132530	49.745	52.341
9)	A Endosulfan I	7.498	8.325	21643465	82438027	48.796	50.891
10)	B gamma-Chl...	7.373	8.192	23678300	92752259	49.861	51.941
11)	B alpha-Chl...	7.442	8.275	23770725	91362860	49.666	51.894
12)	B 4,4'-DDE	7.657	8.459	19609834	81250167	50.451	51.966
13)	MA Dieldrin	7.785	8.610	23061908	86713261	51.465	53.689
14)	MA Endrin	8.075	8.844	20367646	67998982	51.295	51.368
15)	B Endosulfa...	8.386	9.067	22679859	75343741	52.290	54.444
16)	A 4,4'-DDD	8.242	8.986	17801822	66293924	51.114	49.851
17)	MA 4,4'-DDT	8.504	9.304	19249639	68318152	50.584	49.807
18)	B Endrin al...	8.575	9.199	15302012	51326256	47.664	47.167
19)	B Endosulfa...	8.806	9.437	22673731	72480878	51.581	51.122
20)	A Methoxychlor	9.100	9.784	12972195	40331988	51.937	51.516
21)	B Endrin ke...	9.325	9.925	26719478	79147767	53.896	53.981
22)	Mirex	9.514	10.402	23850824	63490090	42.272	43.233

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

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 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

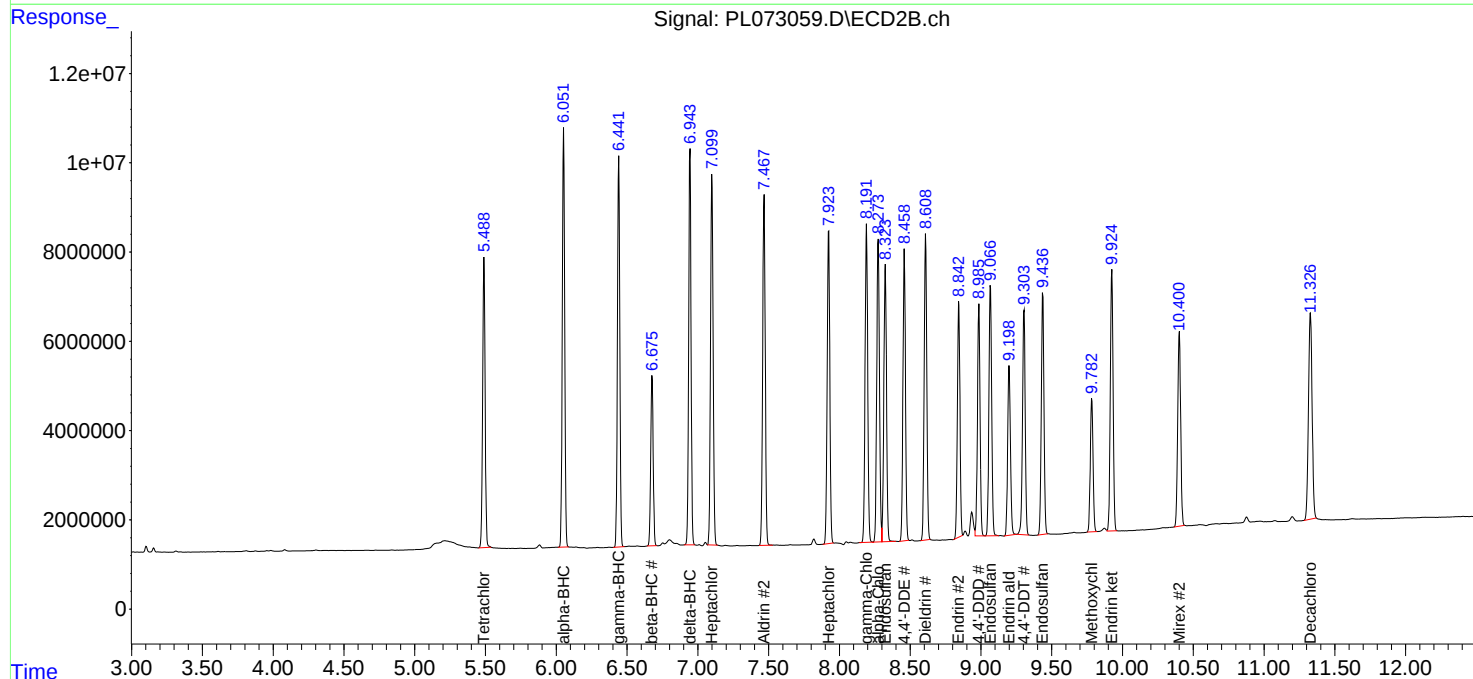
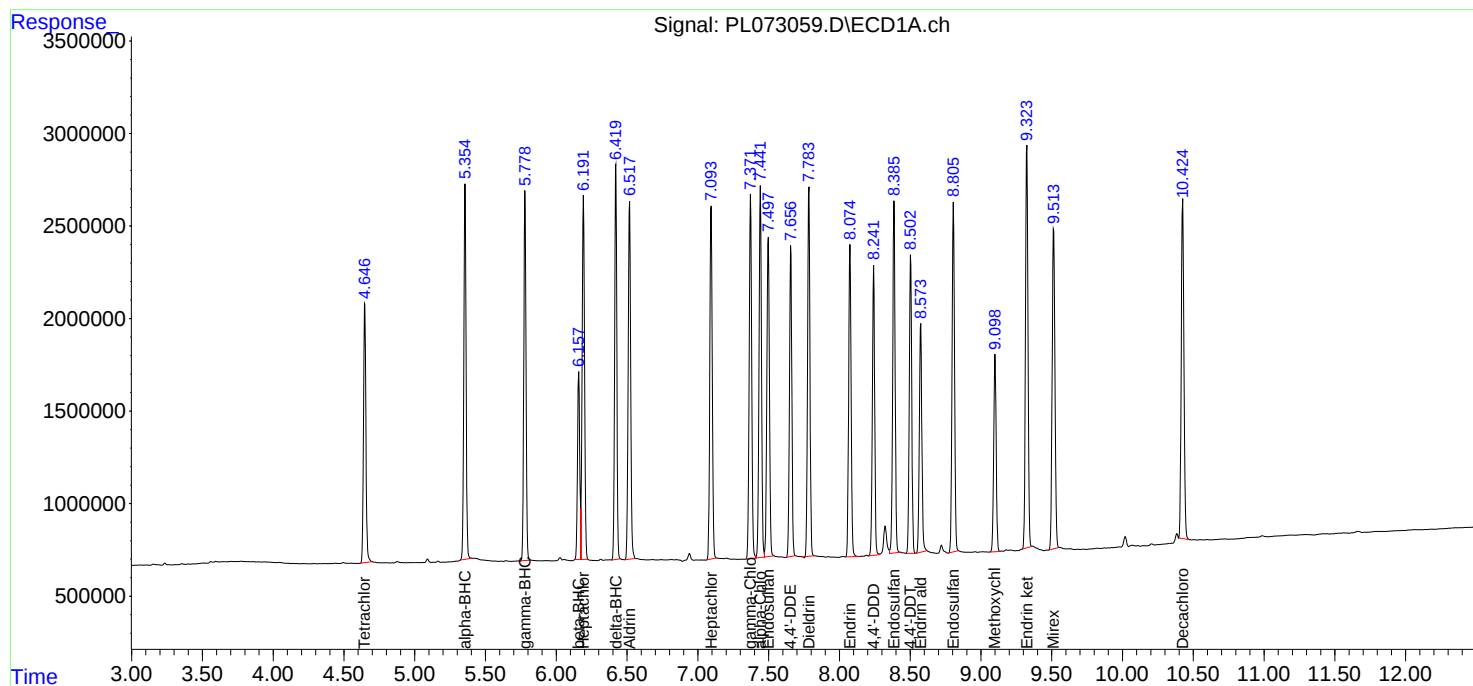
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

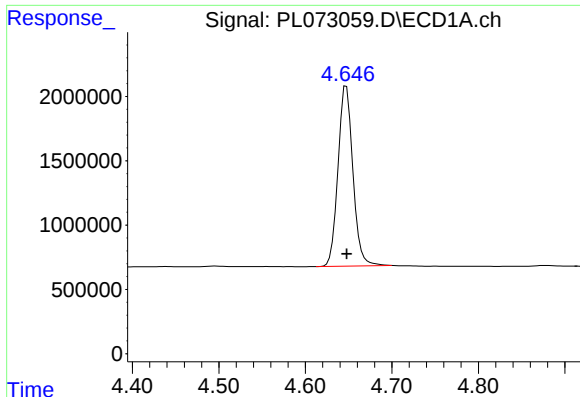
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/01/2022
 Supervised By :Ankita Jodhani 03/01/2022

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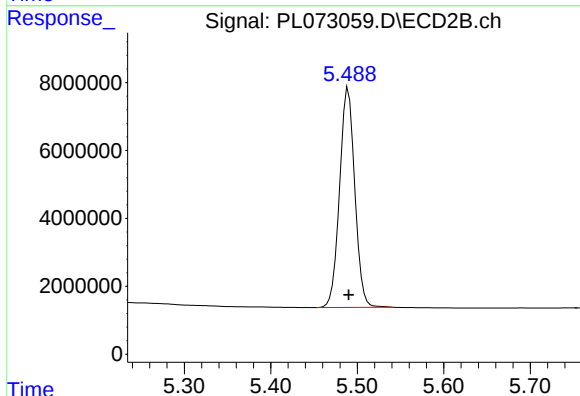
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 16661928
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

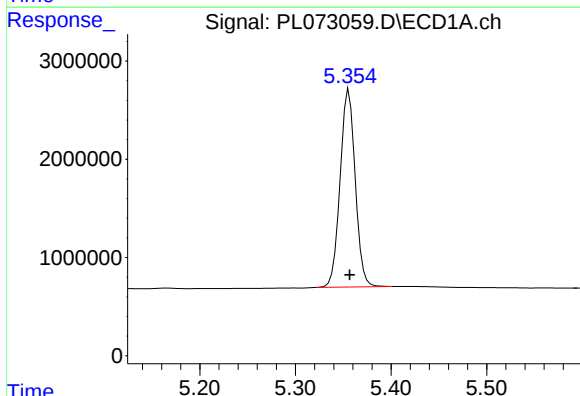
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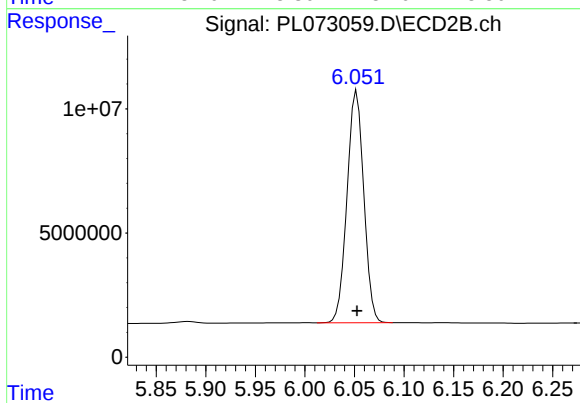
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 78468829
Conc: 54.07 ng/ml



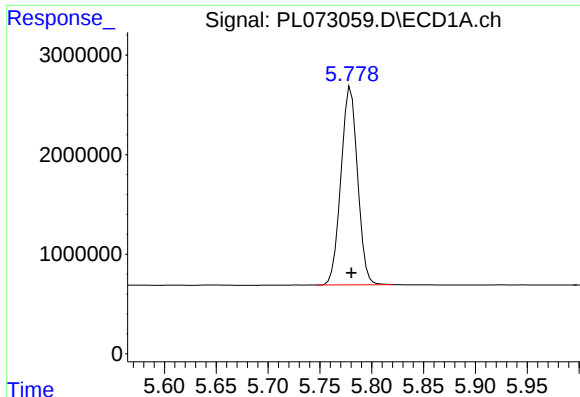
#2 alpha-BHC

R.T.: 5.356 min
Delta R.T.: -0.001 min
Response: 22156353
Conc: 52.58 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 109911670
Conc: 55.73 ng/ml



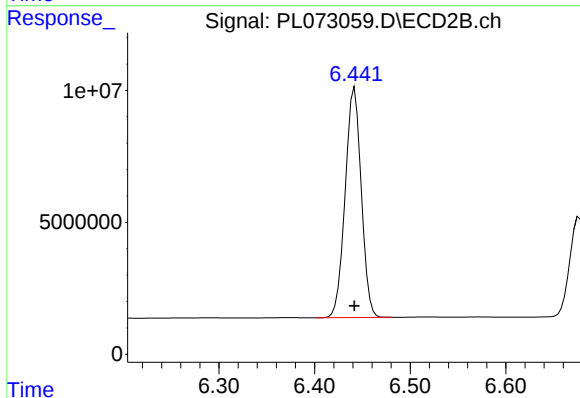
#3 gamma-BHC (Lindane)

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 22215249
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

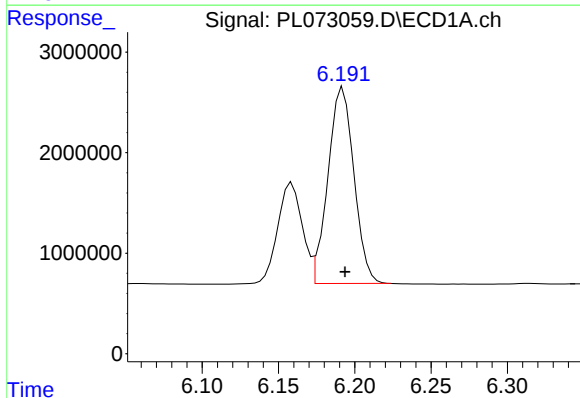
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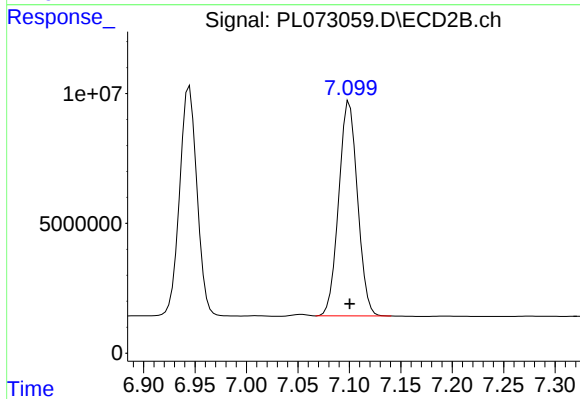
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 102324051
Conc: 54.73 ng/ml



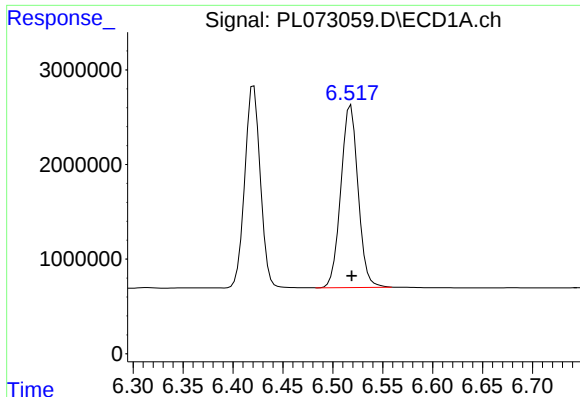
#4 Heptachlor

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 23099196
Conc: 50.32 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 105123498
Conc: 52.59 ng/ml



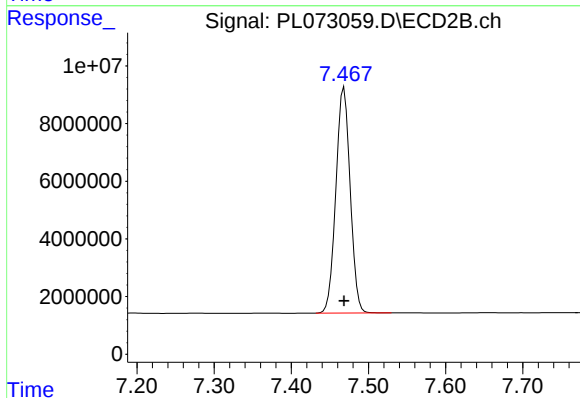
#5 Aldrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 23159160
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

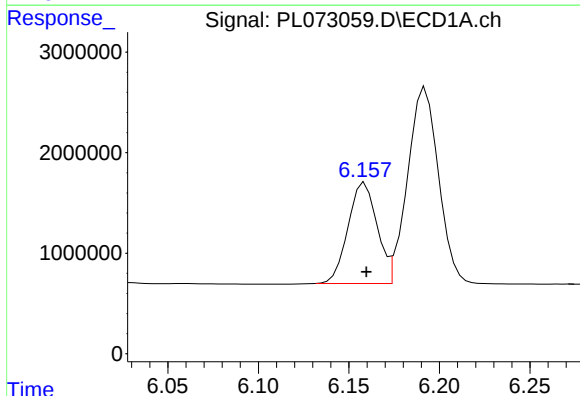
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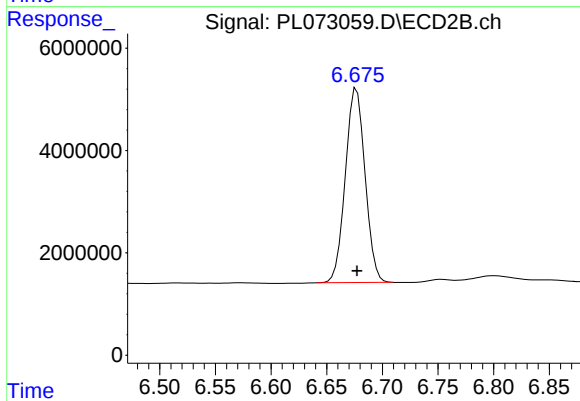
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 100875138
Conc: 55.12 ng/ml



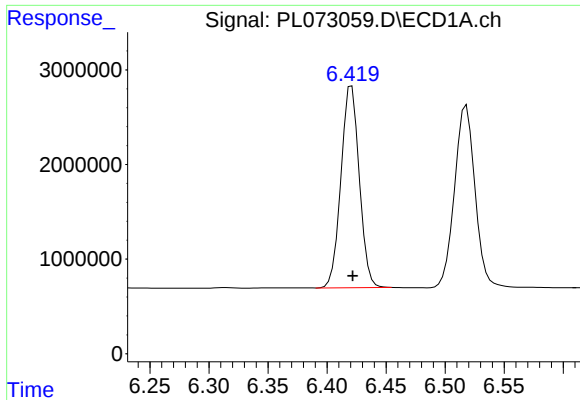
#6 beta-BHC

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 11190059
Conc: 50.25 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 46801460
Conc: 51.90 ng/ml



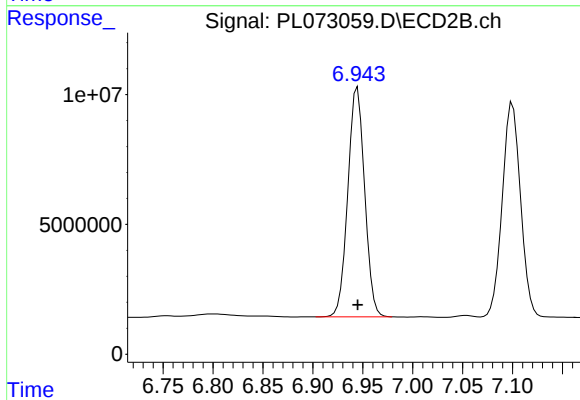
#7 delta-BHC

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 23001972
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

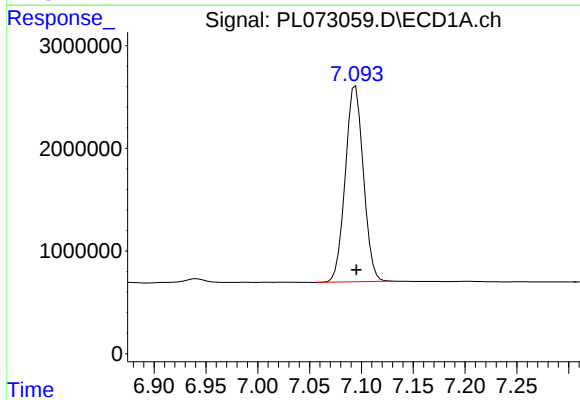
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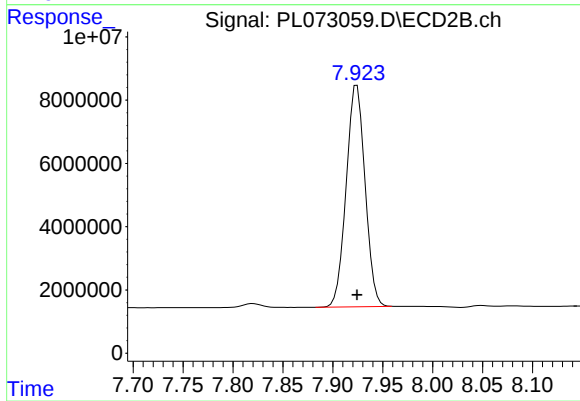
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 103678503
Conc: 54.78 ng/ml



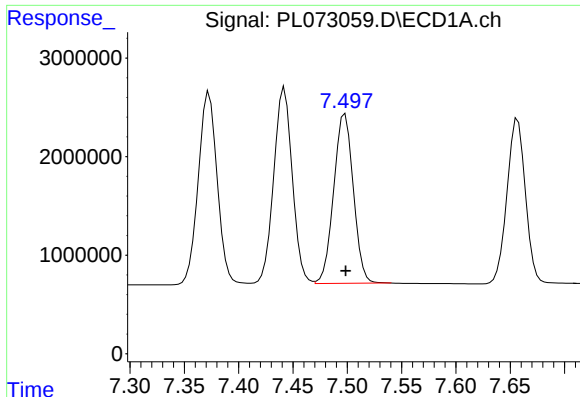
#8 Heptachlor epoxide

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 23176090
Conc: 49.74 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 92132530
Conc: 52.34 ng/ml



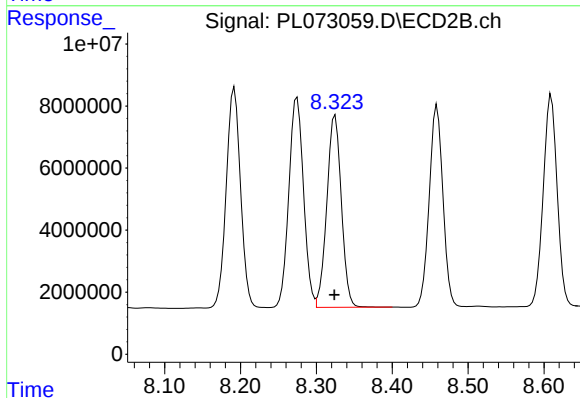
#9 Endosulfan I

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 21643465
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

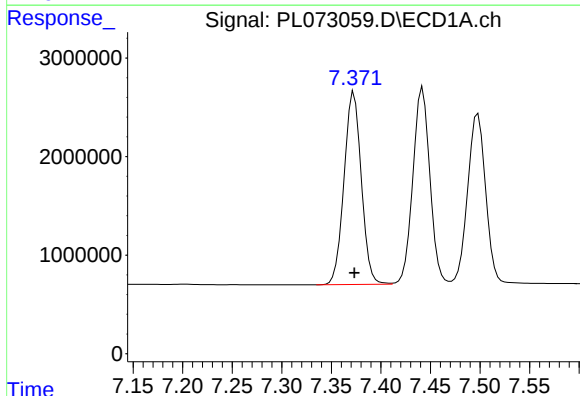
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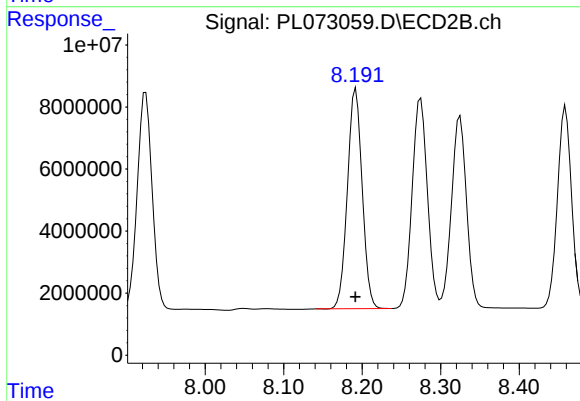
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: 0.000 min
Response: 82438027
Conc: 50.89 ng/ml



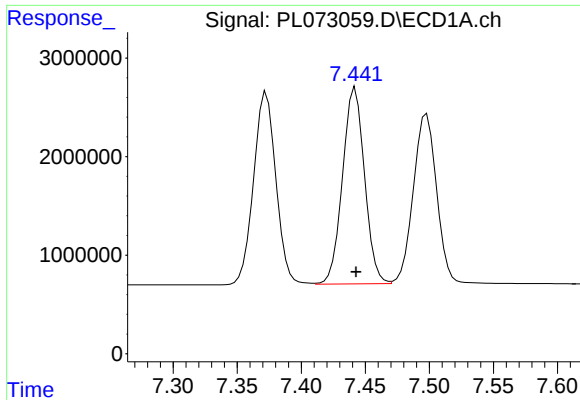
#10 gamma-Chlordane

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 23678300
Conc: 49.86 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 92752259
Conc: 51.94 ng/ml



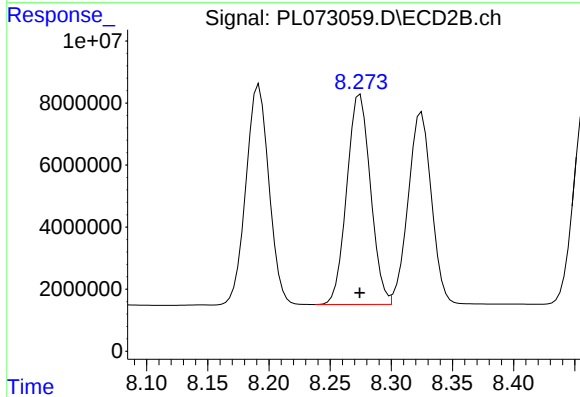
#11 alpha-Chlordane

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 23770725
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

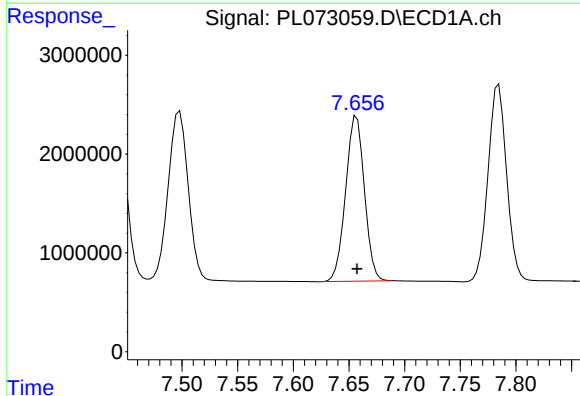
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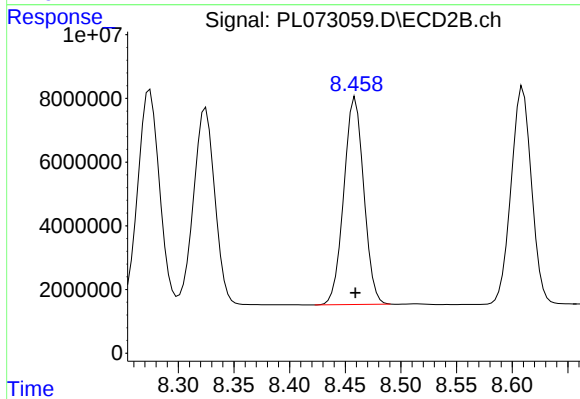
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 91362860
Conc: 51.89 ng/ml



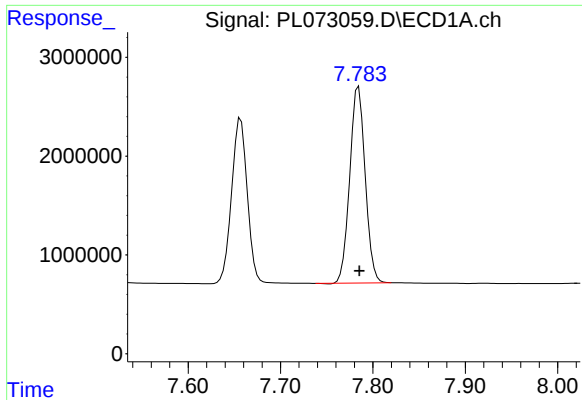
#12 4,4'-DDE

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 19609834
Conc: 50.45 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 81250167
Conc: 51.97 ng/ml



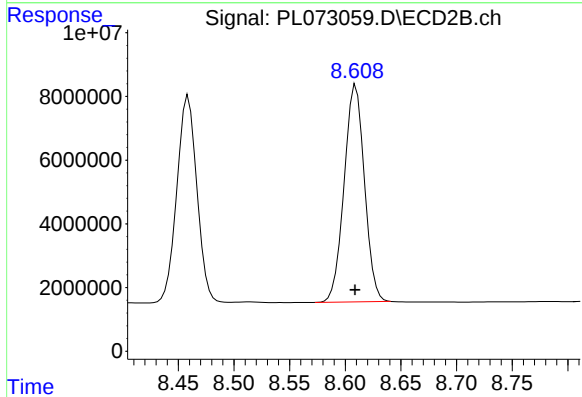
#13 Dieldrin

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 23061908
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

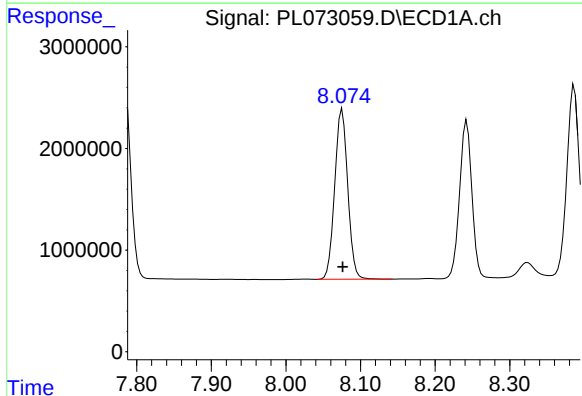
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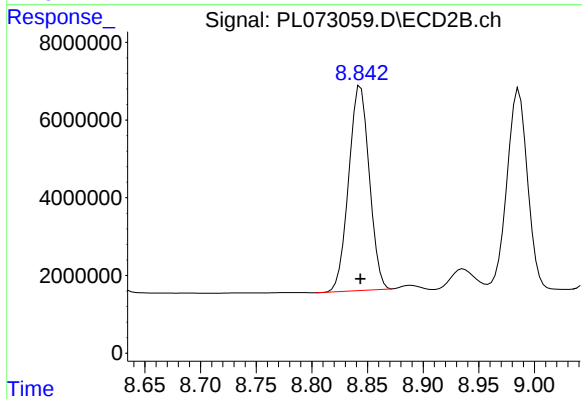
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: 0.000 min
Response: 86713261
Conc: 53.69 ng/ml



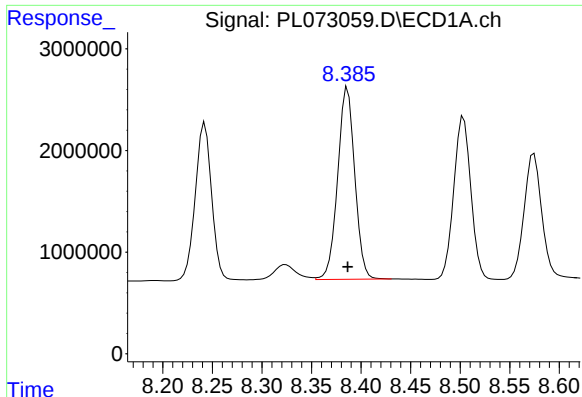
#14 Endrin

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 20367646
Conc: 51.29 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 67998982
Conc: 51.37 ng/ml



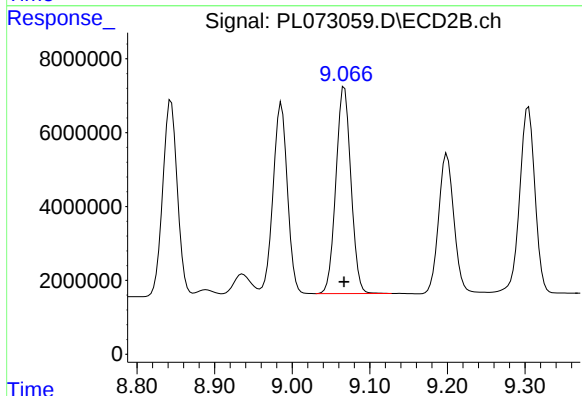
#15 Endosulfan II

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 22679859
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

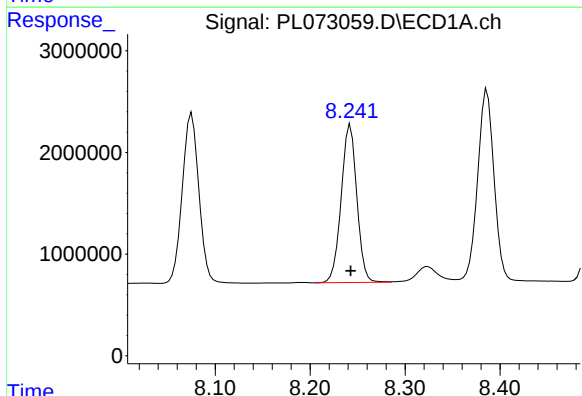
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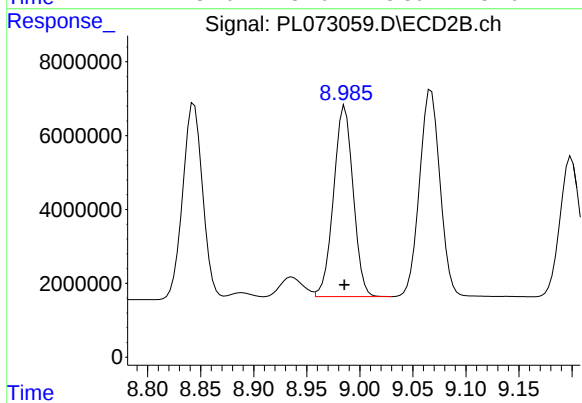
#15 Endosulfan II

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 75343741
Conc: 54.44 ng/ml



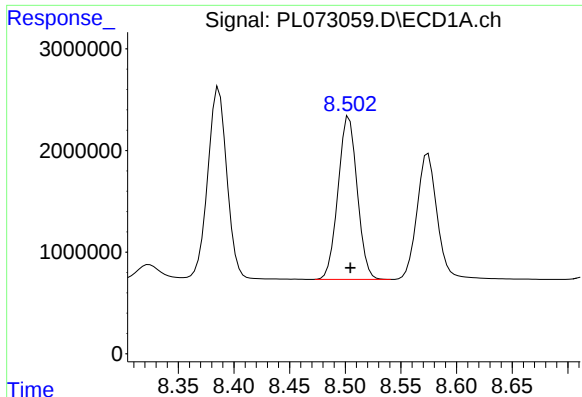
#16 4,4'-DDD

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 17801822
Conc: 51.11 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 66293924
Conc: 49.85 ng/ml



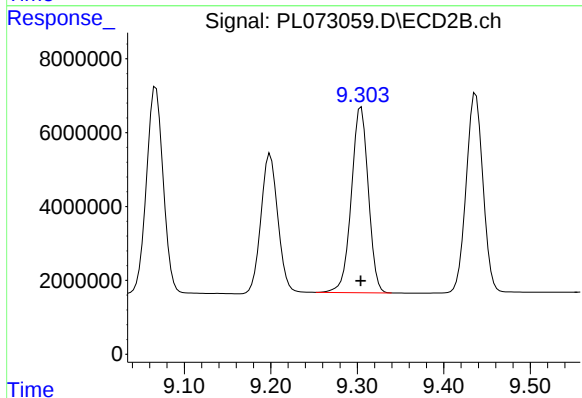
#17 4,4'-DDT

R.T.: 8.504 min
Delta R.T.: -0.001 min
Response: 19249639
Conc: 50.58 ng/ml

Instrument :
ECD_L
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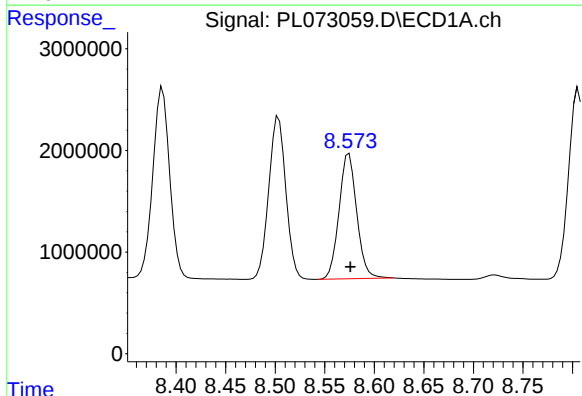
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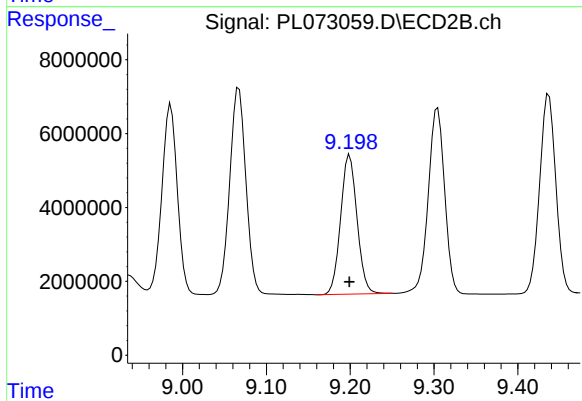
#17 4,4'-DDT

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 68318152
Conc: 49.81 ng/ml



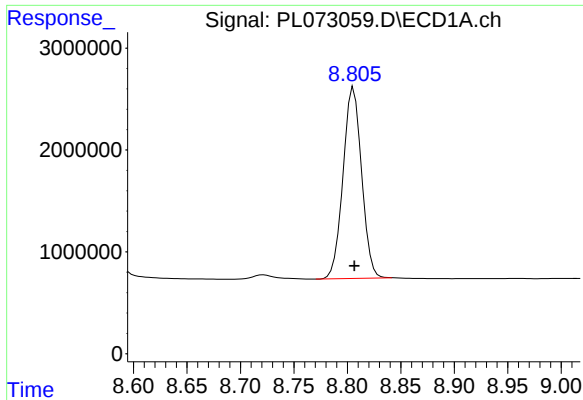
#18 Endrin aldehyde

R.T.: 8.575 min
Delta R.T.: -0.001 min
Response: 15302012
Conc: 47.66 ng/ml



#18 Endrin aldehyde

R.T.: 9.199 min
Delta R.T.: 0.000 min
Response: 51326256
Conc: 47.17 ng/ml



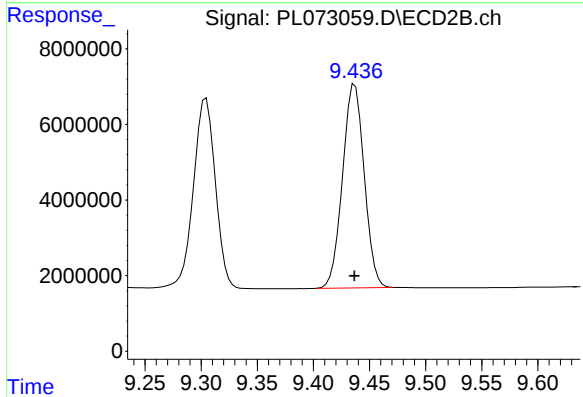
#19 Endosulfan Sulfate

R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 22673731
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

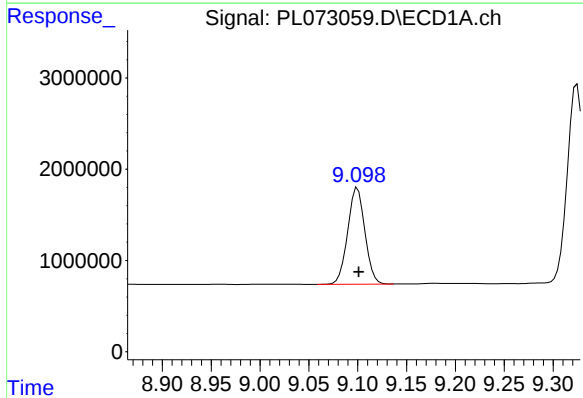
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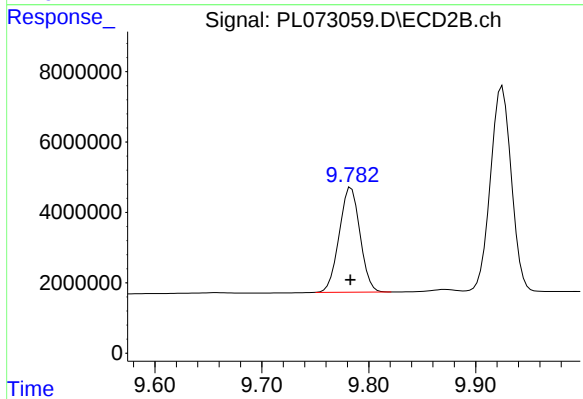
#19 Endosulfan Sulfate

R.T.: 9.437 min
Delta R.T.: 0.000 min
Response: 72480878
Conc: 51.12 ng/ml



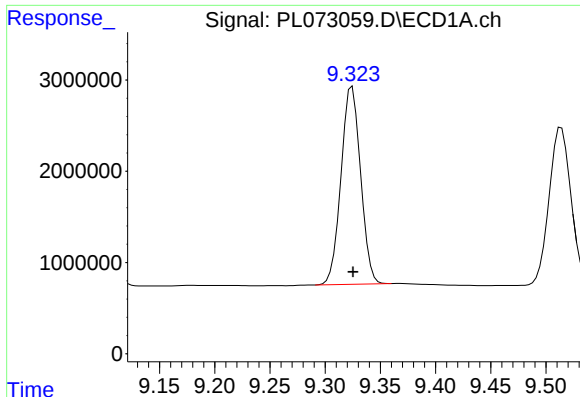
#20 Methoxychlor

R.T.: 9.100 min
Delta R.T.: -0.001 min
Response: 12972195
Conc: 51.94 ng/ml



#20 Methoxychlor

R.T.: 9.784 min
Delta R.T.: 0.000 min
Response: 40331988
Conc: 51.52 ng/ml



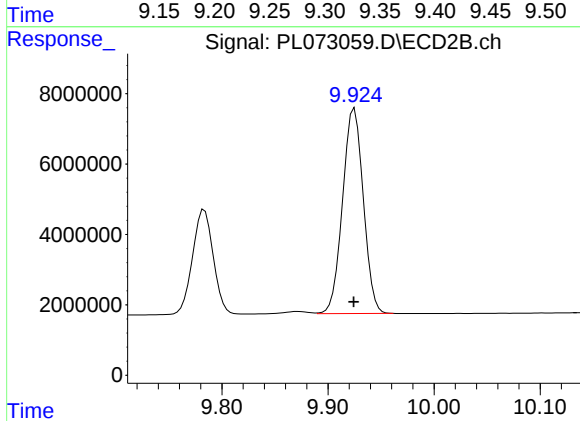
#21 Endrin ketone

R.T.: 9.325 min
Delta R.T.: 0.000 min
Response: 26719478
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

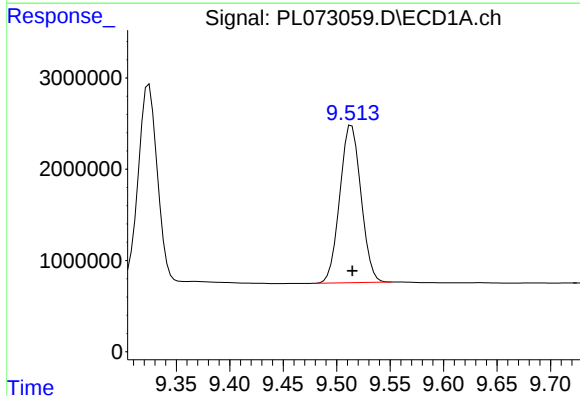
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Supervised By :Ankita Jodhani 03/01/2022



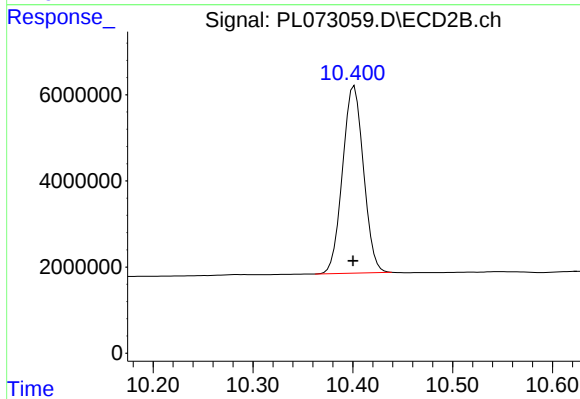
#21 Endrin ketone

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 79147767
Conc: 53.98 ng/ml



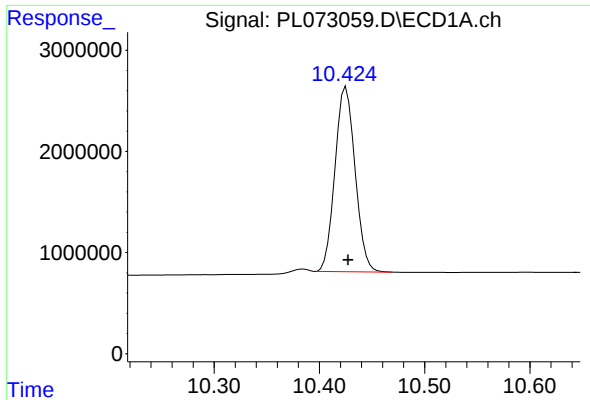
#22 Mirex

R.T.: 9.514 min
Delta R.T.: 0.000 min
Response: 23850824
Conc: 42.27 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: 0.001 min
Response: 63490090
Conc: 43.23 ng/ml



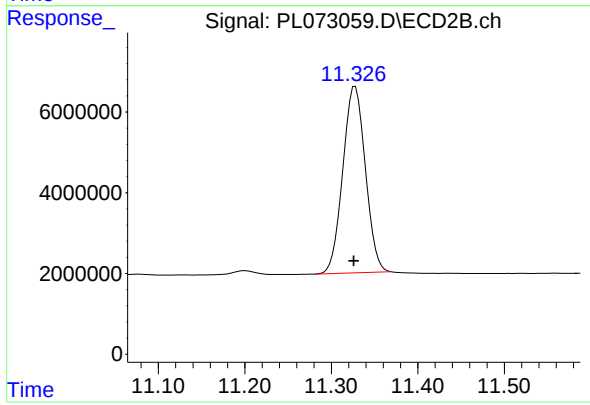
#28 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: -0.003 min
Response: 24296355
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2022
Supervised By :Ankita Jodhani 03/01/2022



#28 Decachlorobiphenyl

R.T.: 11.328 min
Delta R.T.: 0.001 min
Response: 83466232
Conc: 52.91 ng/ml