

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111022\
 Data File : PL079011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 19:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/11/2022
 Supervised By :Ankita Jodhani 11/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:55:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.321	2.568	98099699	124.7E6	51.442	48.822
28)	SA Decachlor...	8.768	7.633	67277907	96100070	44.722	50.736
Target Compounds							
2)	A alpha-BHC	3.781	3.054	152.6E6	194.1E6	53.137	49.158
3)	MA gamma-BHC...	4.113	3.375	142.2E6	177.8E6	53.209	49.473
4)	MA Heptachlor	4.684	3.702	144.5E6	177.8E6	55.648	51.271
5)	MB Aldrin	5.022	3.973	133.8E6	179.7E6	54.009	51.309
6)	B beta-BHC	4.329	3.675	61356016	69435280	53.262	48.392
7)	B delta-BHC	4.569	3.895	122.0E6	180.2E6	53.603	49.501
8)	B Heptachlo...	5.455	4.470	119.9E6	152.5E6	56.471	50.620
9)	A Endosulfan I	5.839	4.832	113.1E6	140.5E6	53.017	49.090
10)	B gamma-Chl...	5.710	4.717	122.7E6	152.0E6	54.377	49.608
11)	B alpha-Chl...	5.787	4.779	121.9E6	148.4E6	52.692	49.803
12)	B 4,4'-DDE	5.970	4.972	105.5E6	140.9E6	52.722	51.756m
13)	MA Dieldrin	6.116	5.092	114.4E6	152.4E6	53.032	51.417m
14)	MA Endrin	6.347	5.364	102.4E6	134.1E6	53.969	51.455
15)	B Endosulfa...	6.576	5.661	94557964	116.8E6	50.400	51.314
16)	A 4,4'-DDD	6.494	5.523	85866930	116.4E6	51.509	52.993m
17)	MA 4,4'-DDT	6.804	5.770	94756029	120.2E6	52.868	55.417m
18)	B Endrin al...	6.708	5.839	73356911	94788200	50.415	50.506
19)	B Endosulfa...	6.941	6.061	94210260	124.7E6	51.203	52.373
20)	A Methoxychlor	7.289	6.348	48928221	63547842	53.132	55.999
21)	B Endrin ke...	7.426	6.557	95023620	136.2E6	50.507m	52.711m
22)	Mirex	7.883	6.729	70357802	101.7E6	48.196	51.684

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

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 Acq On : 10 Nov 2022 19:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

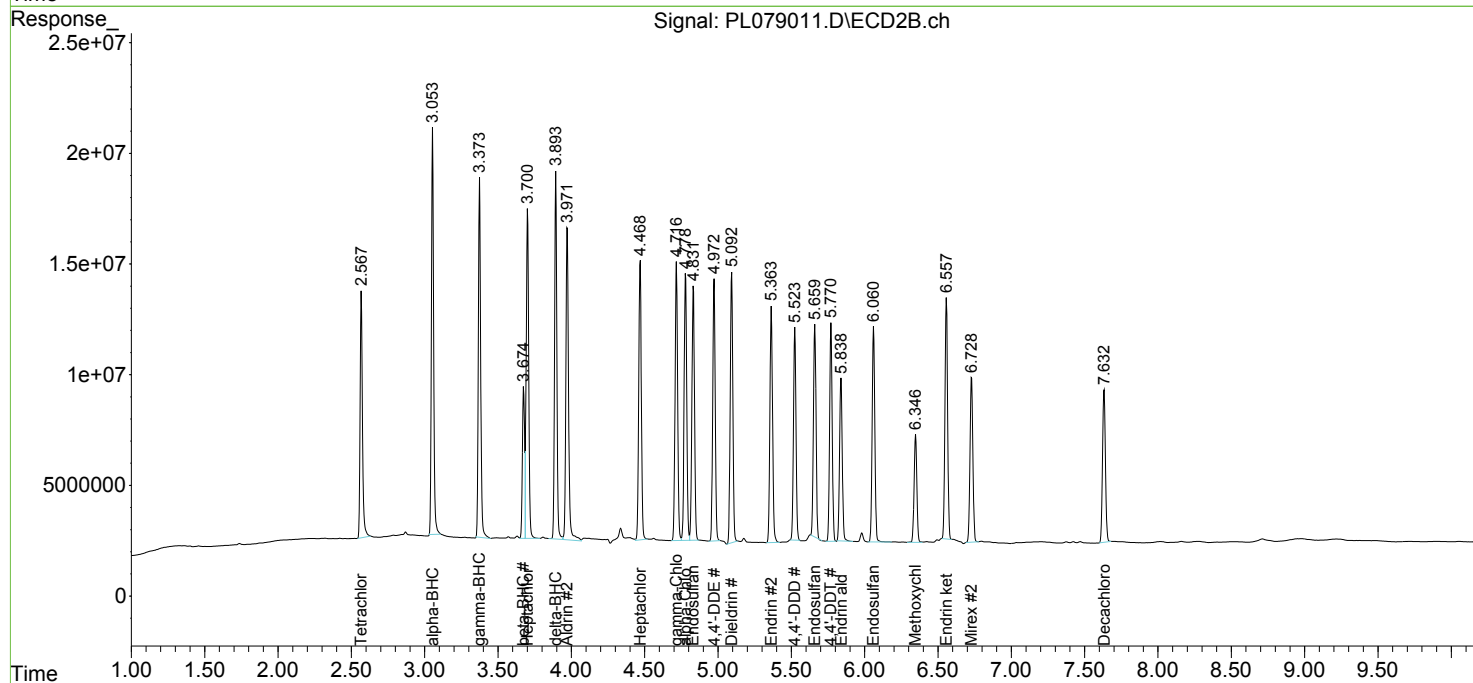
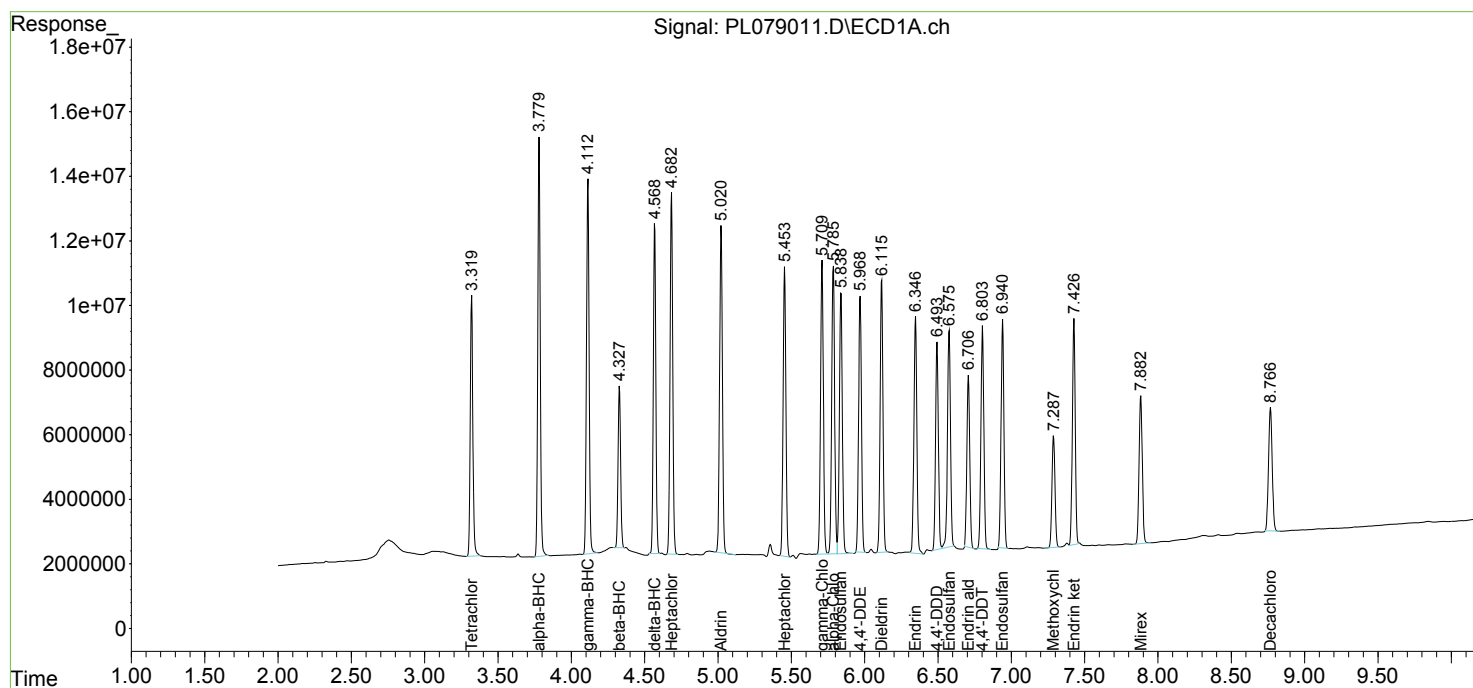
APPROVED

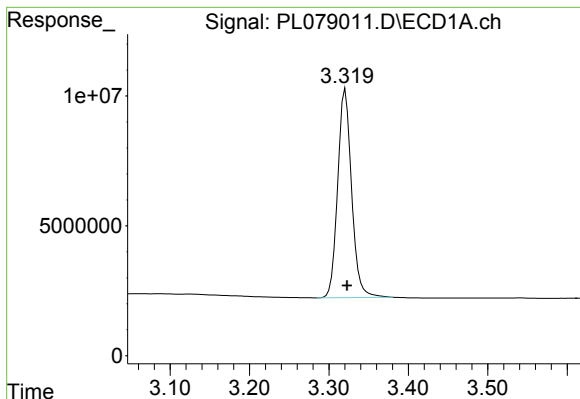
Reviewed By :Abdul Mirza 11/11/2022

Supervised By :Ankita Jodhani 11/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:55:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
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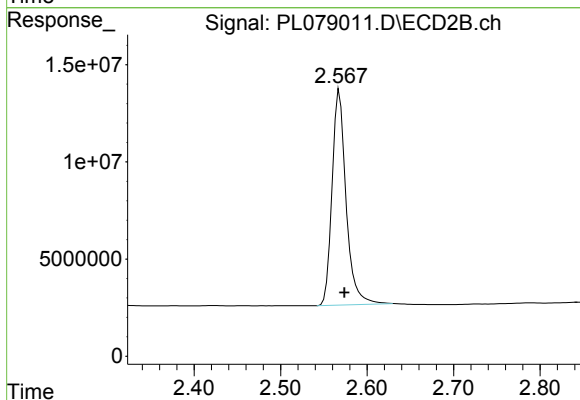
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 98099699
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

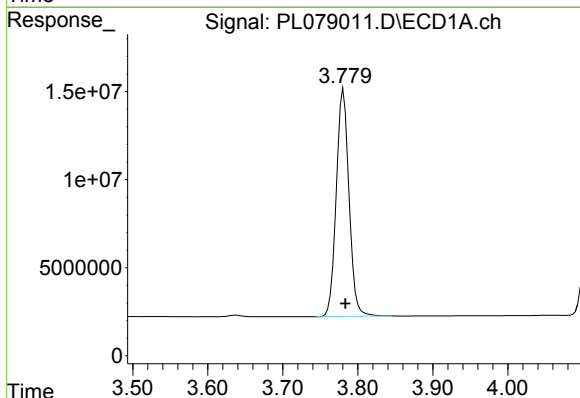
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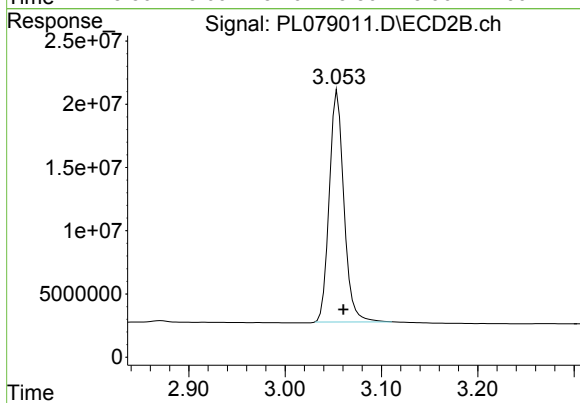
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 124652768
Conc: 48.82 ng/ml



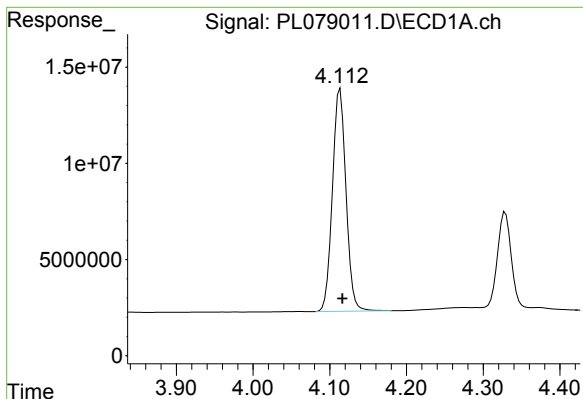
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 152576663
Conc: 53.14 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.006 min
Response: 194126136
Conc: 49.16 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.003 min
Response: 142159564
Conc: 53.21 ng/ml

Instrument :

ECD_L

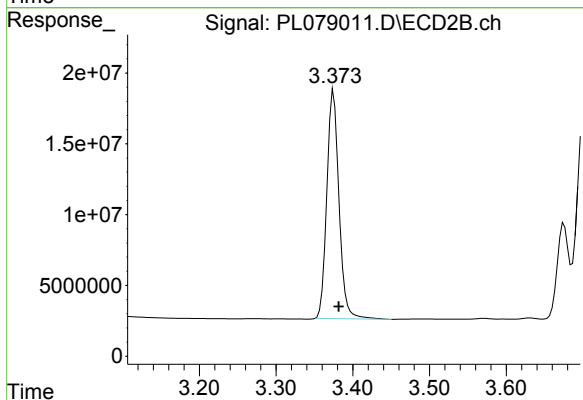
ClientSampleId :

PSTDCCC050

Manual Integrations

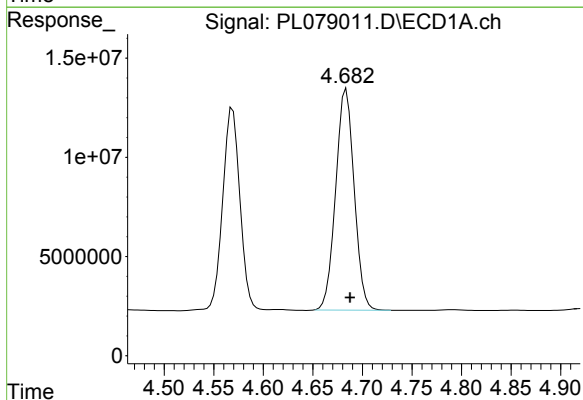
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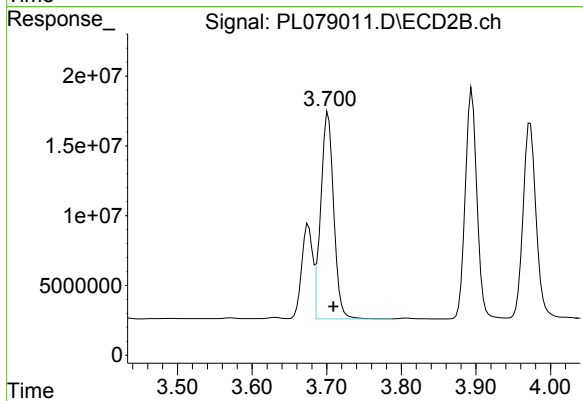
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.007 min
Response: 177814249
Conc: 49.47 ng/ml



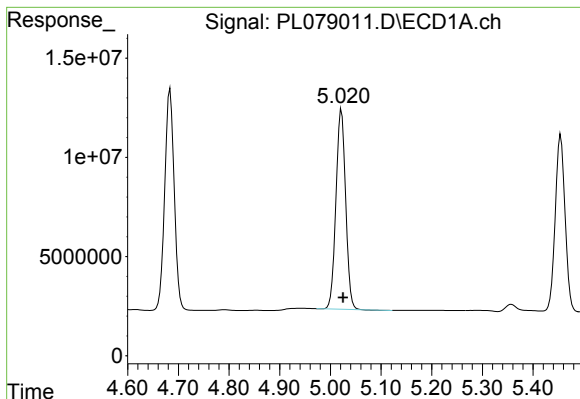
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.004 min
Response: 144463721
Conc: 55.65 ng/ml



#4 Heptachlor

R.T.: 3.702 min
Delta R.T.: -0.007 min
Response: 177796983
Conc: 51.27 ng/ml



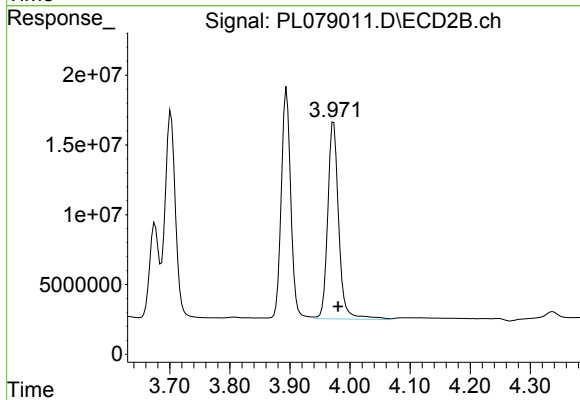
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 133764626
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

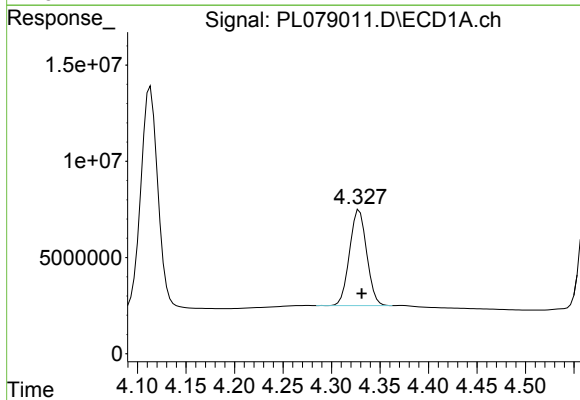
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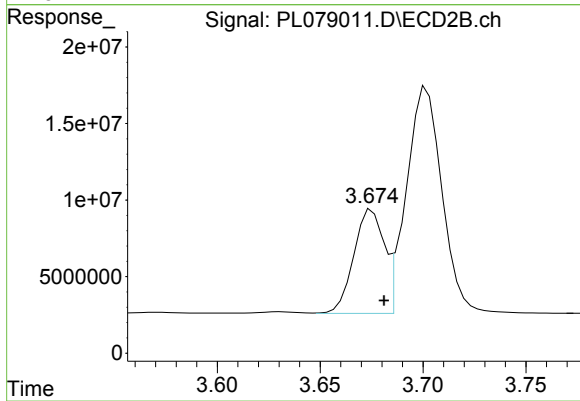
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.008 min
Response: 179667418
Conc: 51.31 ng/ml



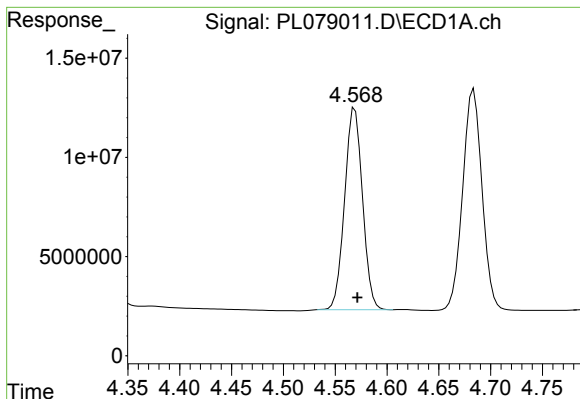
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 61356016
Conc: 53.26 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 69435280
Conc: 48.39 ng/ml



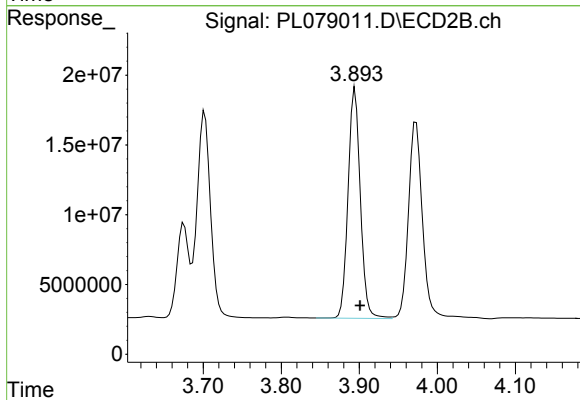
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.003 min
Response: 122045430
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

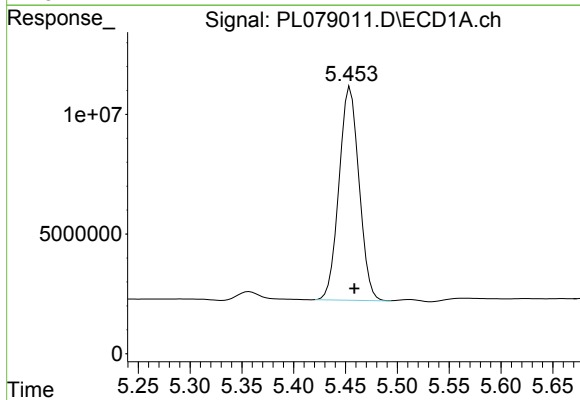
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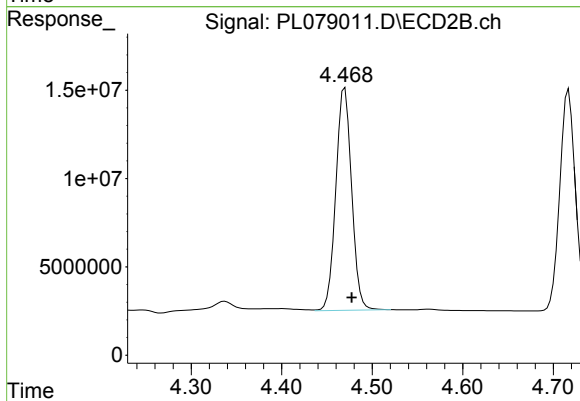
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 180247317
Conc: 49.50 ng/ml



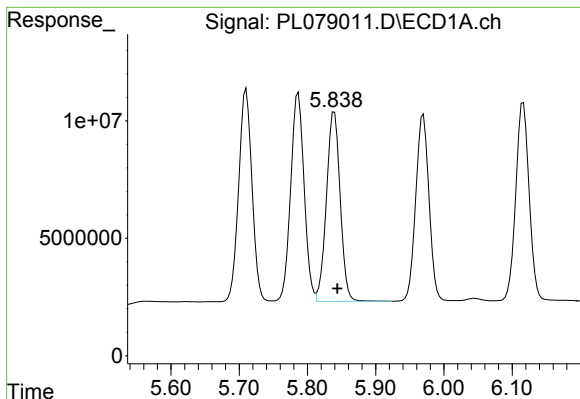
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: -0.004 min
Response: 119889617
Conc: 56.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 152530186
Conc: 50.62 ng/ml



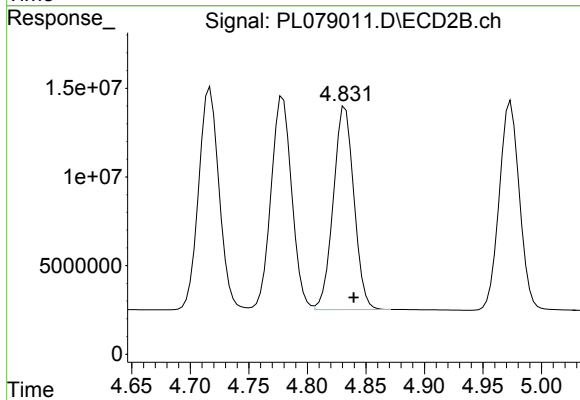
#9 Endosulfan I

R.T.: 5.839 min
Delta R.T.: -0.005 min
Response: 113115518
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

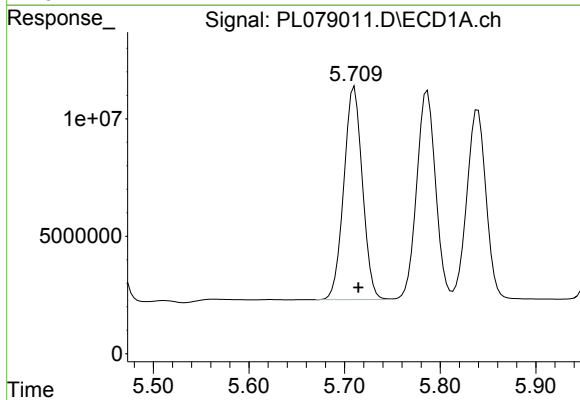
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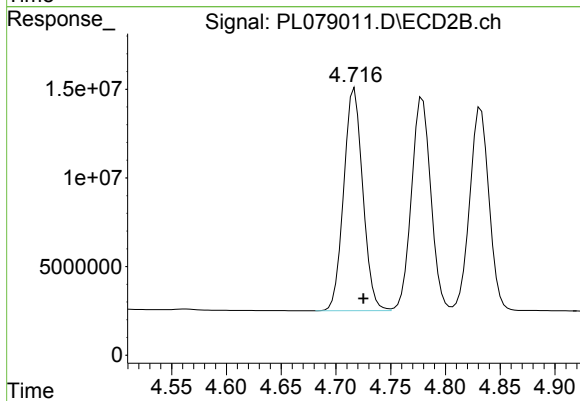
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.007 min
Response: 140526617
Conc: 49.09 ng/ml



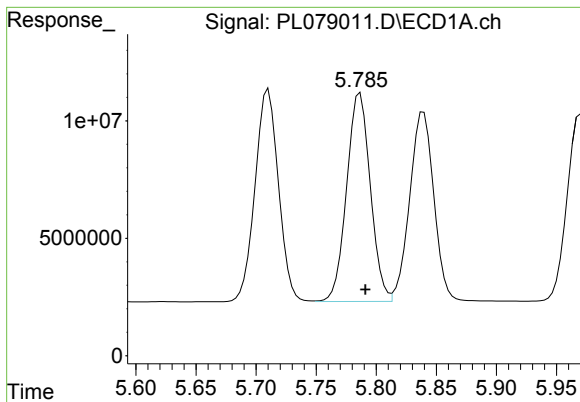
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 122735904
Conc: 54.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 152020727
Conc: 49.61 ng/ml



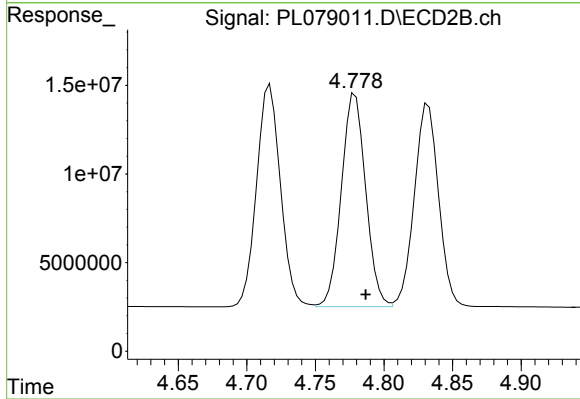
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 121918538
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

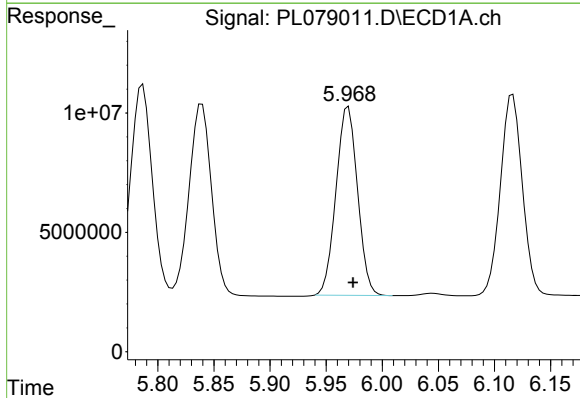
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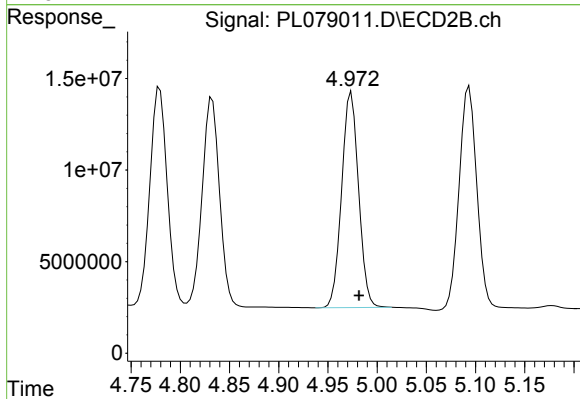
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.008 min
Response: 148431558
Conc: 49.80 ng/ml



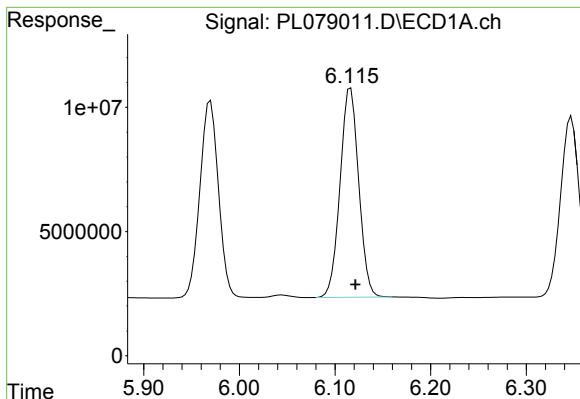
#12 4,4'-DDE

R.T.: 5.970 min
Delta R.T.: -0.004 min
Response: 105514577
Conc: 52.72 ng/ml



#12 4,4'-DDE

R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 140906637
Conc: 51.76 ng/ml m



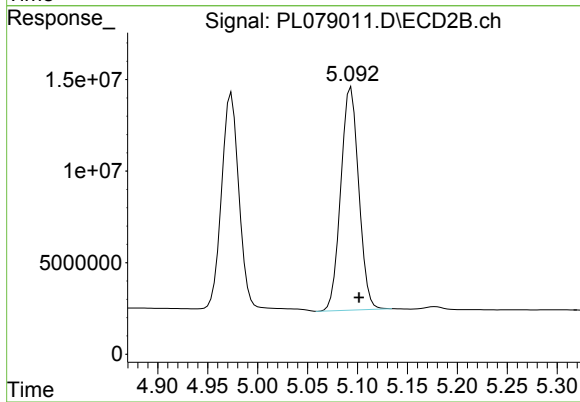
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: -0.005 min
Response: 114364689
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

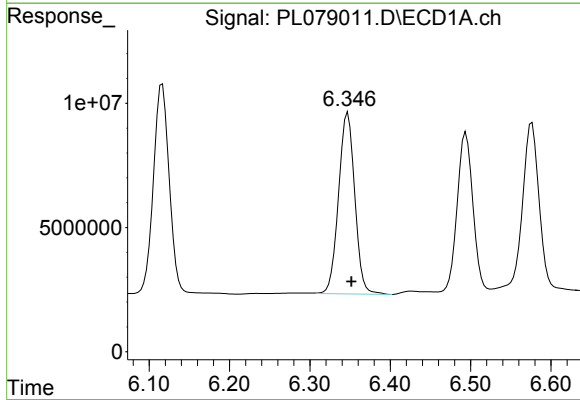
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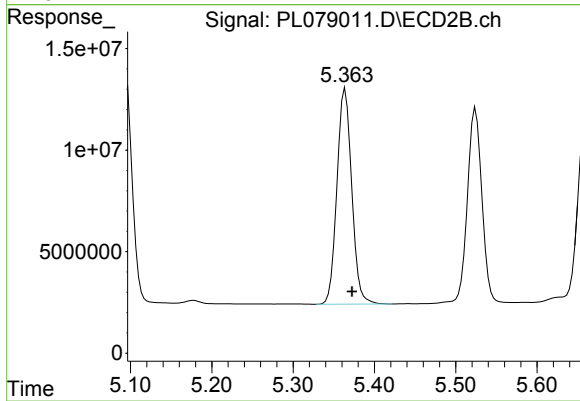
#13 Dieldrin

R.T.: 5.092 min
Delta R.T.: -0.010 min
Response: 152353994
Conc: 51.42 ng/ml m



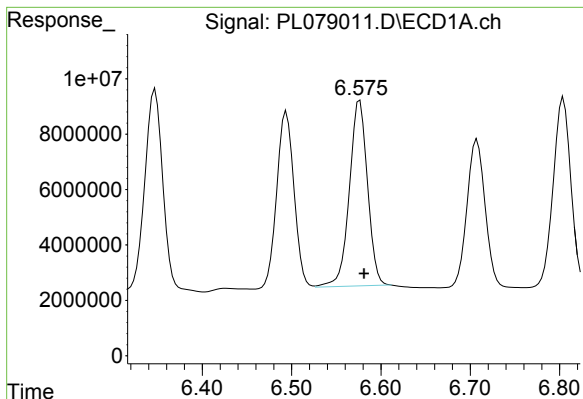
#14 Endrin

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 102424072
Conc: 53.97 ng/ml



#14 Endrin

R.T.: 5.364 min
Delta R.T.: -0.008 min
Response: 134053101
Conc: 51.46 ng/ml



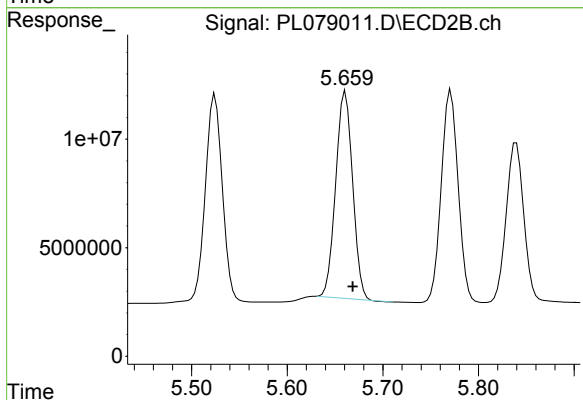
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 94557964
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

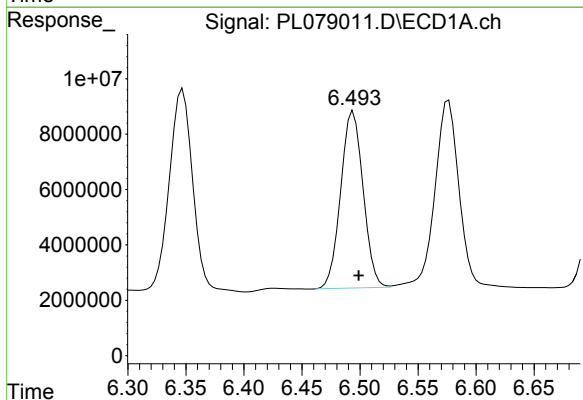
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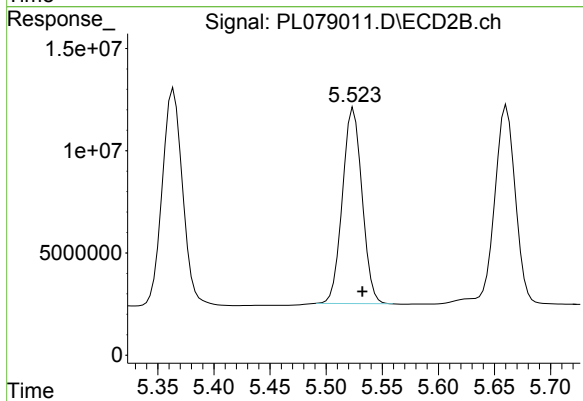
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.008 min
Response: 116804063
Conc: 51.31 ng/ml



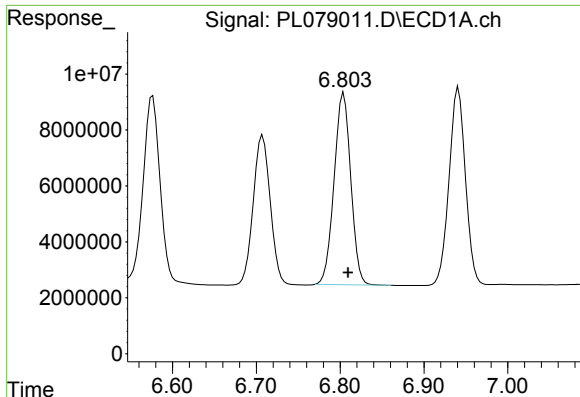
#16 4,4'-DDD

R.T.: 6.494 min
Delta R.T.: -0.005 min
Response: 85866930
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: -0.009 min
Response: 116392928
Conc: 52.99 ng/ml m



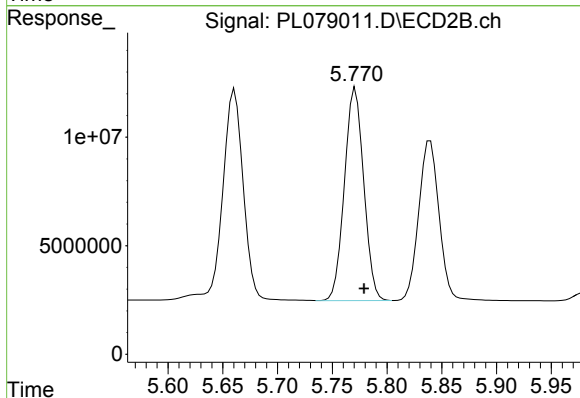
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: -0.005 min
Response: 94756029
Conc: 52.87 ng/ml

Instrument :
ECD_L
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PSTDCCC050

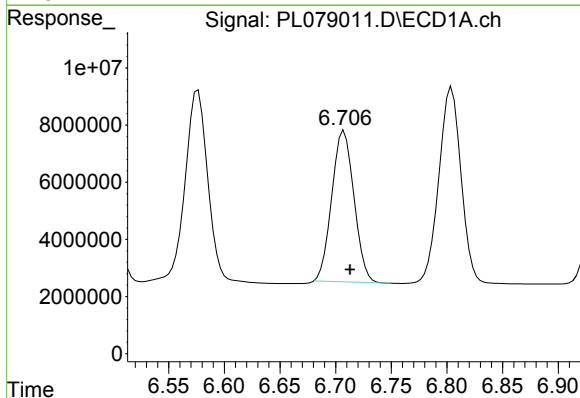
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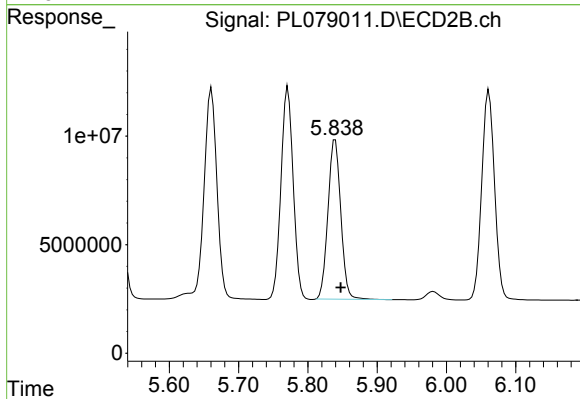
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 120206119
Conc: 55.42 ng/ml m



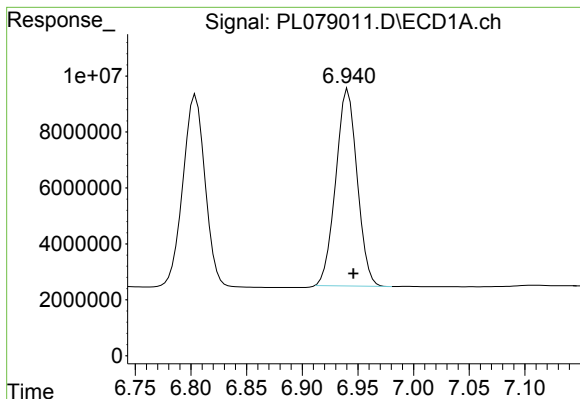
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.005 min
Response: 73356911
Conc: 50.42 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 94788200
Conc: 50.51 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.005 min
Response: 94210260
Conc: 51.20 ng/ml

Instrument :

ECD_L

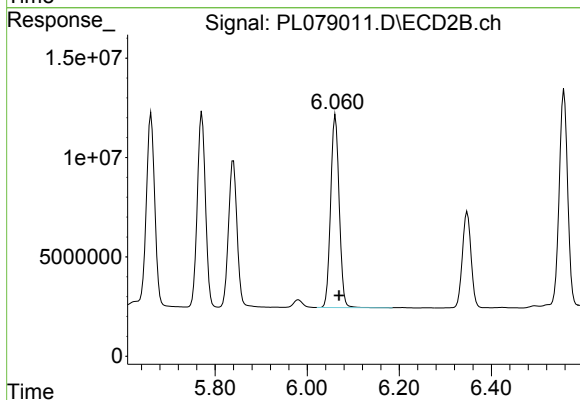
ClientSampleId :

PSTDCCC050

Manual Integrations

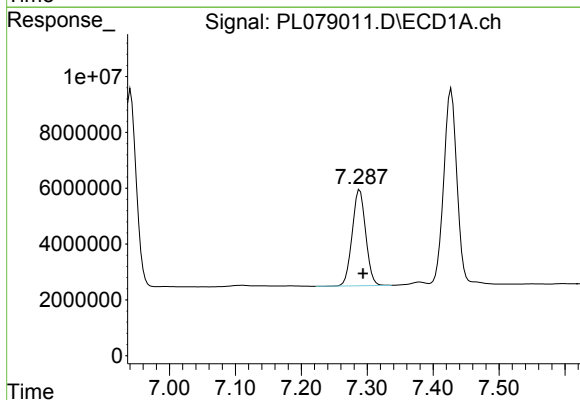
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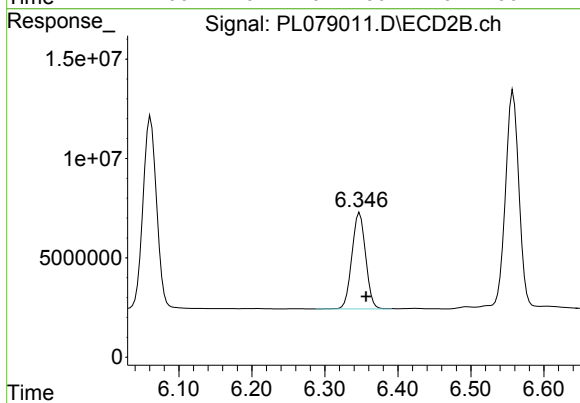
#19 Endosulfan Sulfate

R.T.: 6.061 min
Delta R.T.: -0.008 min
Response: 124674646
Conc: 52.37 ng/ml



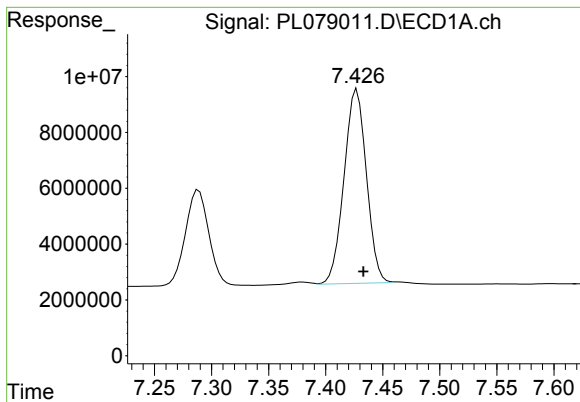
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 48928221
Conc: 53.13 ng/ml



#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.009 min
Response: 63547842
Conc: 56.00 ng/ml



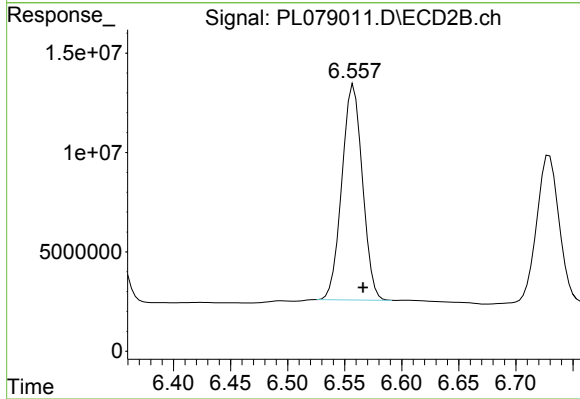
#21 Endrin ketone

R.T.: 7.426 min
Delta R.T.: -0.007 min
Response: 95023620
Conc: 50.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

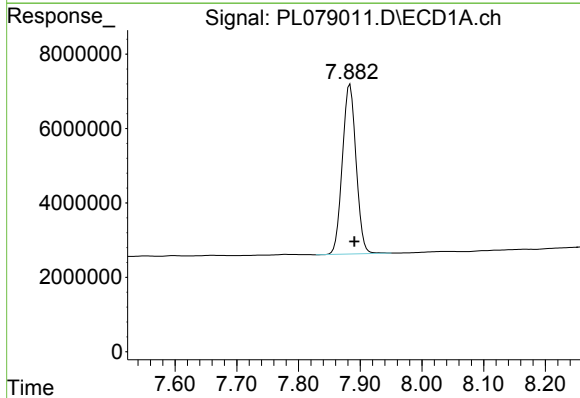
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Supervised By :Ankita Jodhani 11/11/2022



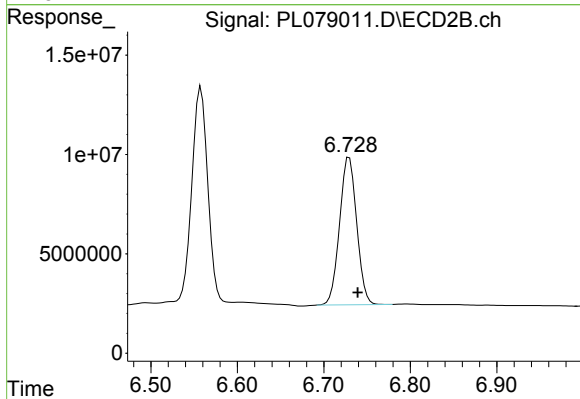
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: -0.010 min
Response: 136243489
Conc: 52.71 ng/ml m



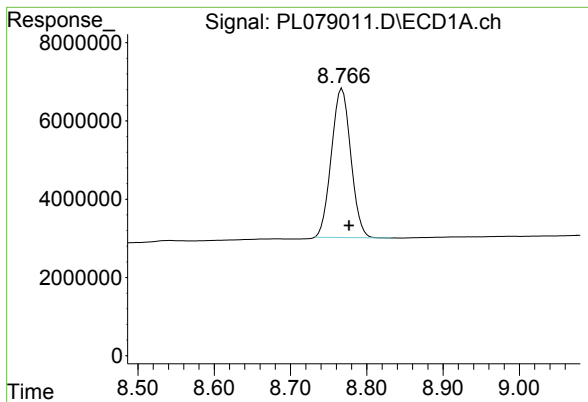
#22 Mirex

R.T.: 7.883 min
Delta R.T.: -0.007 min
Response: 70357802
Conc: 48.20 ng/ml



#22 Mirex

R.T.: 6.729 min
Delta R.T.: -0.010 min
Response: 101712712
Conc: 51.68 ng/ml



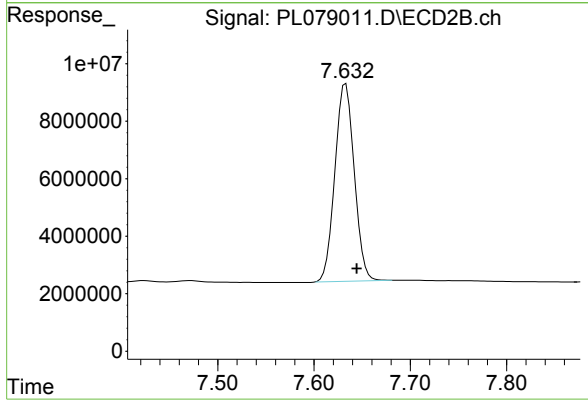
#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.009 min
Response: 67277907
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: -0.011 min
Response: 96100070
Conc: 50.74 ng/ml