

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020323\
 Data File : PL080726.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 13:01
 Operator : AR\AJ
 Sample : PB150655BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150655BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/06/2023
 Supervised By : Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 23:42:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 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...	3.351	2.689	44749478	45456452	20.864	20.695
28)	SA Decachlor...	8.790	7.835	35876885	37441562	20.492	15.715
Target Compounds							
2)	A alpha-BHC	3.800	3.190	153.3E6	150.7E6	48.388	47.378
3)	MA gamma-BHC...	4.128	3.518	140.6E6	139.5E6	47.835	46.692
4)	MA Heptachlor	4.712	3.859	136.4E6	140.9E6	46.141	44.290
5)	MB Aldrin	5.050	4.138	131.1E6	137.2E6	47.906	46.522
6)	B beta-BHC	4.325	3.814	60414625	60095150	44.259	45.028
7)	B delta-BHC	4.567	4.043	139.6E6	137.0E6	48.209	47.491
8)	B Heptachlo...	5.475	4.640	115.2E6	126.2E6	44.527	45.354
9)	A Endosulfan I	5.857	5.009	107.7E6	113.6E6	45.611	43.670
10)	B gamma-Chl...	5.730	4.889	118.2E6	127.4E6	46.779	44.939m
11)	B alpha-Chl...	5.809	4.955	116.7E6	123.4E6	46.249	43.065
12)	B 4,4'-DDE	5.987	5.146	104.8E6	109.4E6	47.060	46.364m
13)	MA Dieldrin	6.131	5.275	113.8E6	121.5E6	47.550	44.926
14)	MA Endrin	6.359	5.549	97349387	105.5E6	45.013	45.449
15)	B Endosulfa...	6.577	5.841	95400519	104.3E6	41.617	50.060m
16)	A 4,4'-DDD	6.501	5.702	94165601	102.1E6	51.401	54.337
17)	MA 4,4'-DDT	6.814	5.953	67219907	70908009	32.354	33.742
18)	B Endrin al...	6.707	6.023	78941931	85209049	47.458	46.662
19)	B Endosulfa...	6.940	6.246	93282985	102.4E6	45.066	44.012
20)	A Methoxychlor	7.292	6.531	40353624	44960451	36.576	37.051
21)	B Endrin ke...	7.420	6.751	99549486	111.8E6	45.120	43.779
22)	Mirex	7.893	6.934	78101221	94787223	45.413	41.633

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

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Data File : PL080726.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2023 13:01
Operator : AR\AJ
Sample : PB150655BS
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ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

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PB150655BS

Manual Integrations

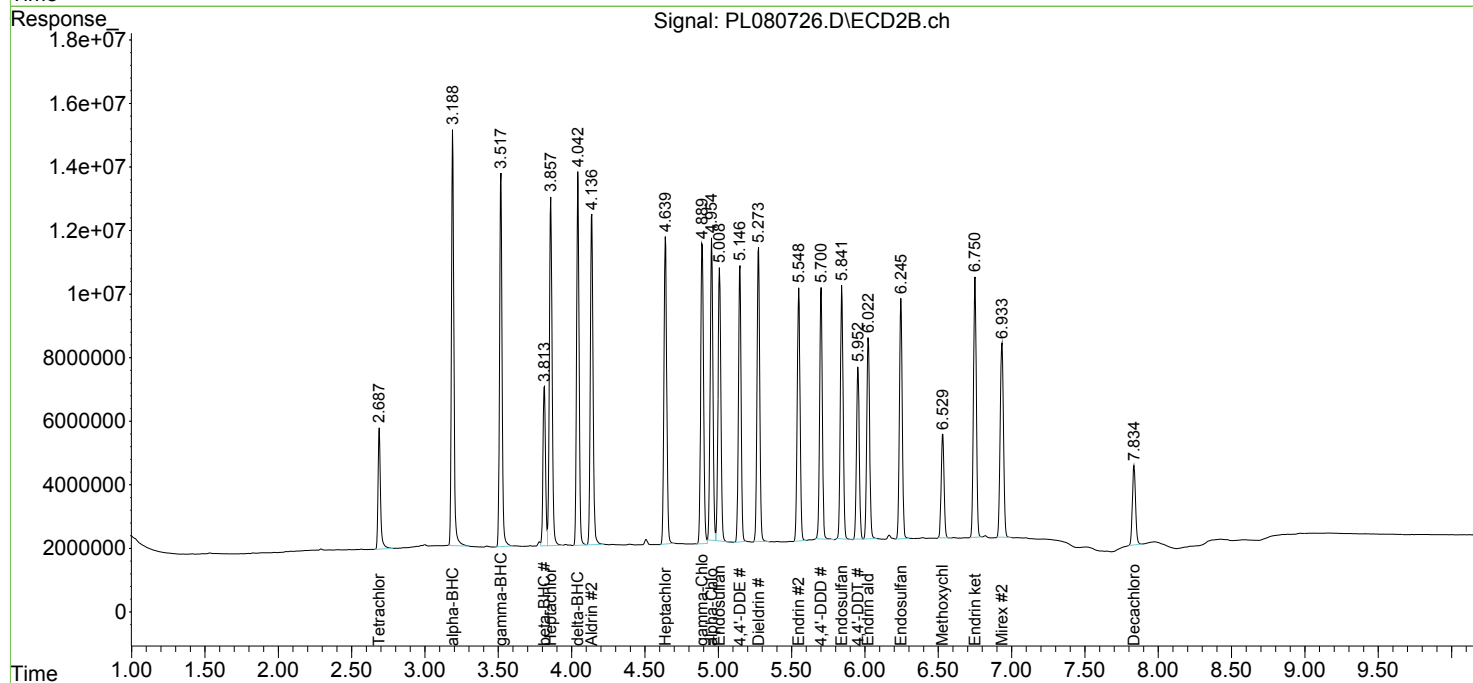
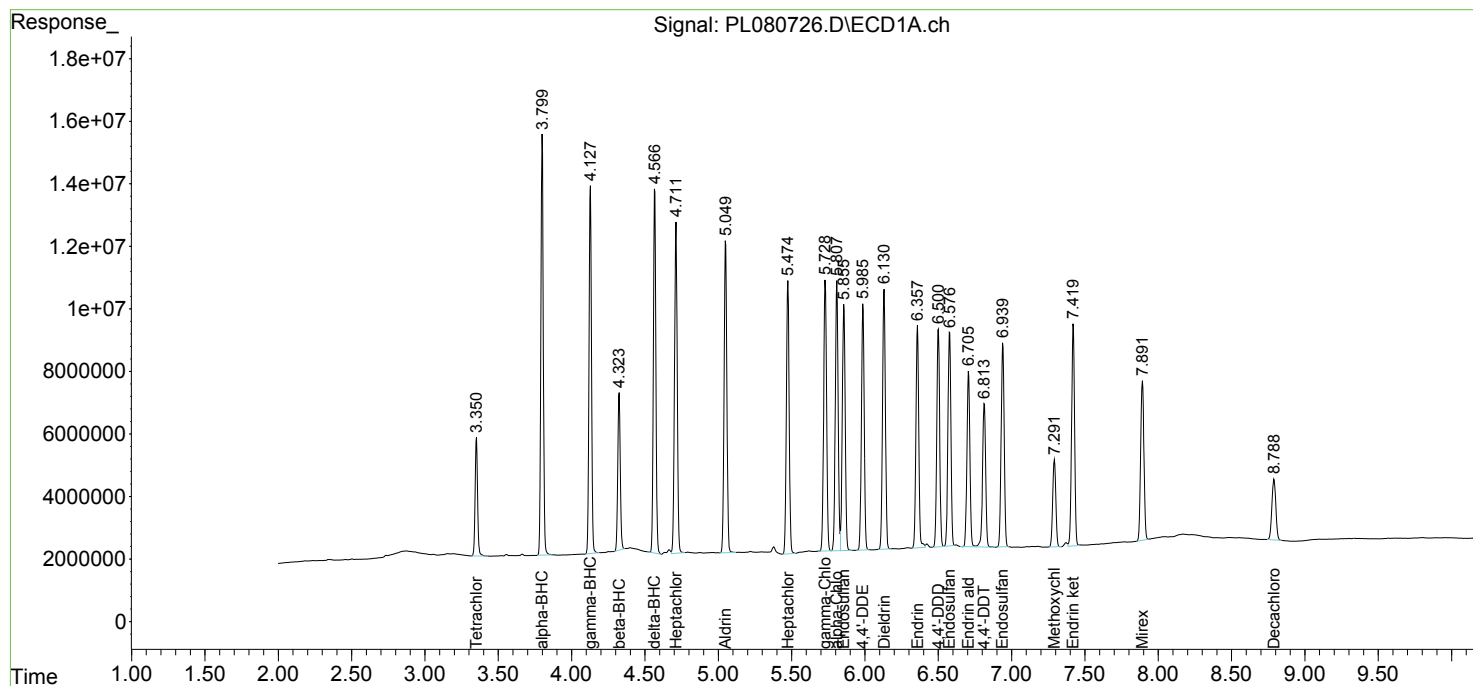
APPROVED

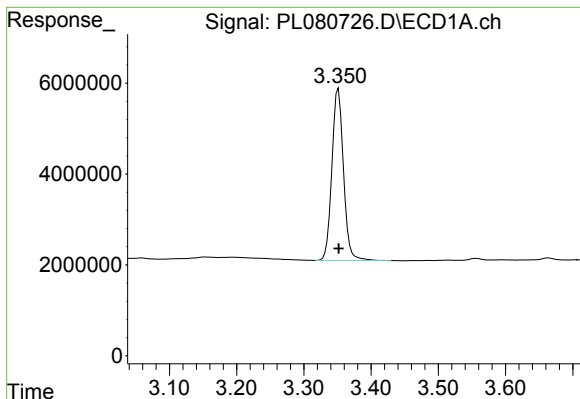
Reviewed By :Abdul Mirza 02/06/2023

Supervised By :Ankita Jodhani 02/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 23:42:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





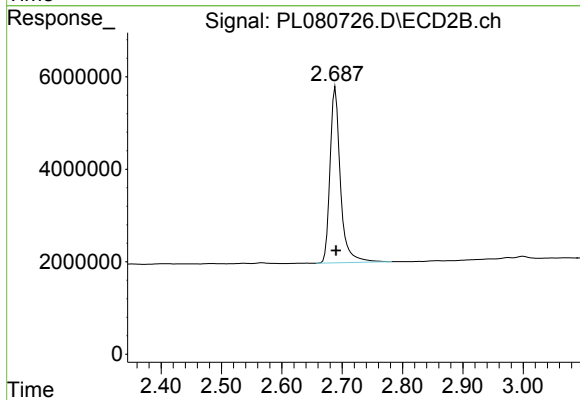
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 44749478
Conc: 20.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

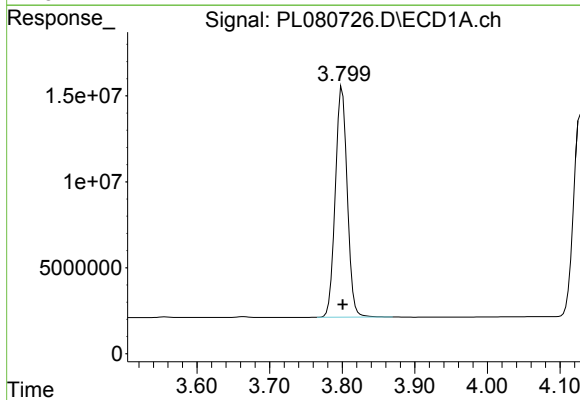
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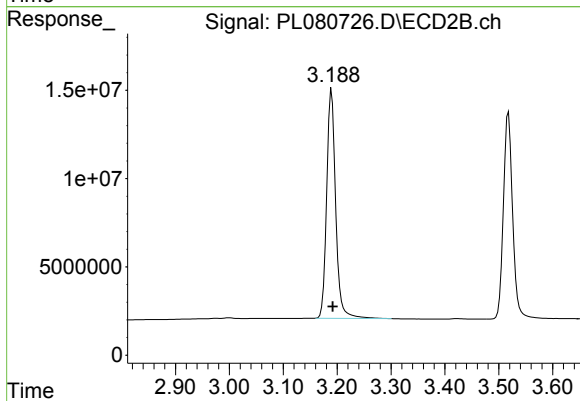
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 45456452
Conc: 20.70 ng/ml



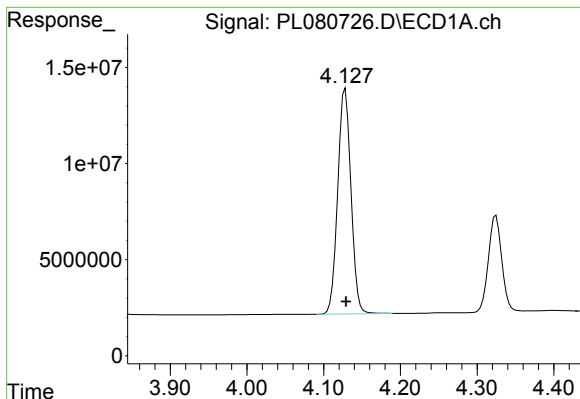
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 153293059
Conc: 48.39 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 150680080
Conc: 47.38 ng/ml



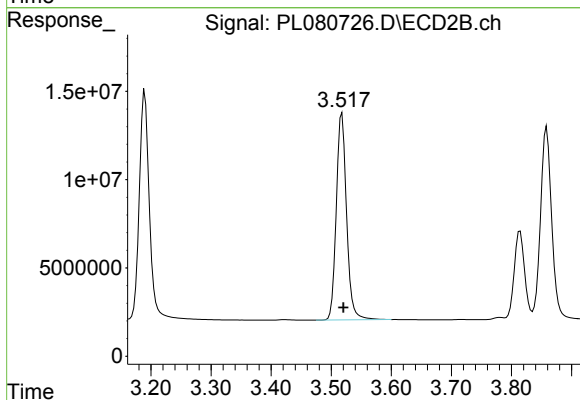
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 140623301
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

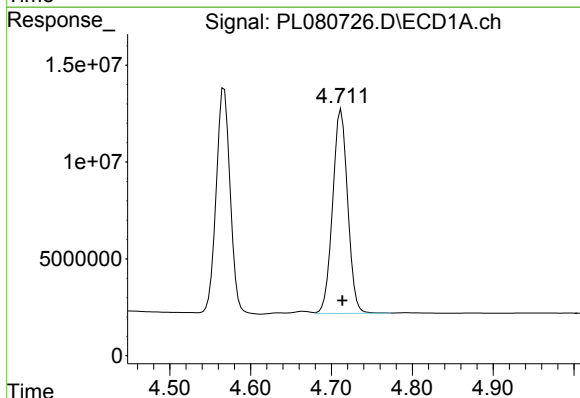
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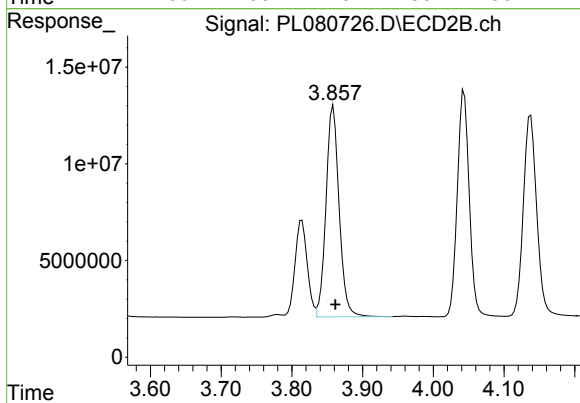
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.002 min
Response: 139482455
Conc: 46.69 ng/ml



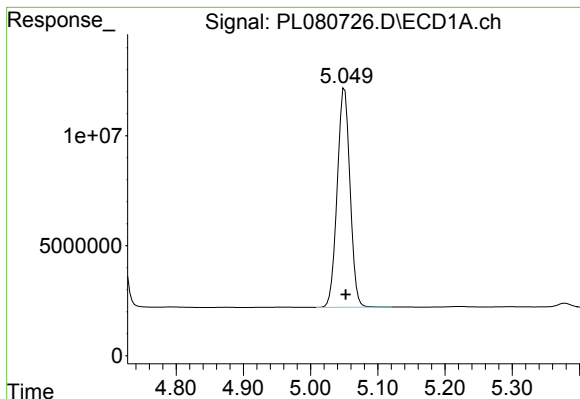
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 136357605
Conc: 46.14 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 140945893
Conc: 44.29 ng/ml



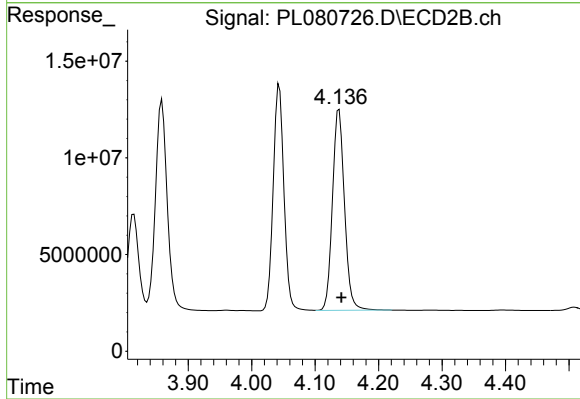
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 131060159
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

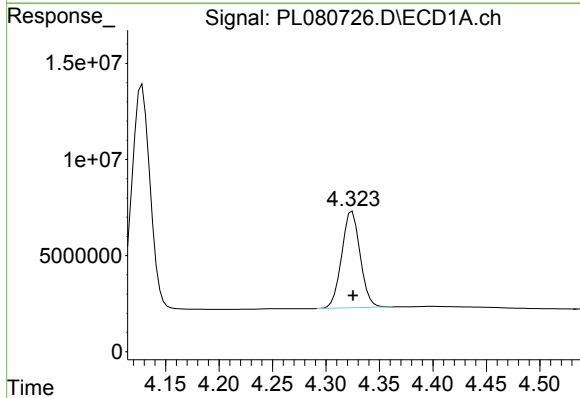
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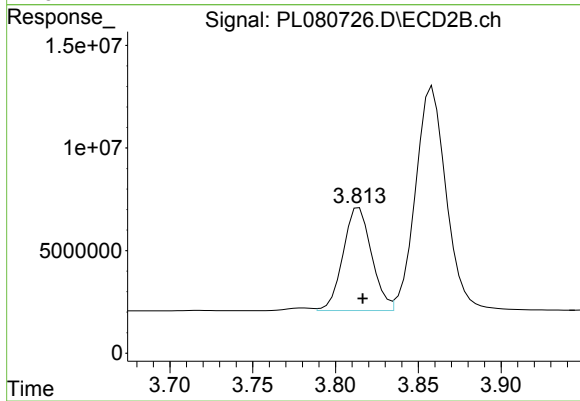
#5 Aldrin

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 137221233
Conc: 46.52 ng/ml



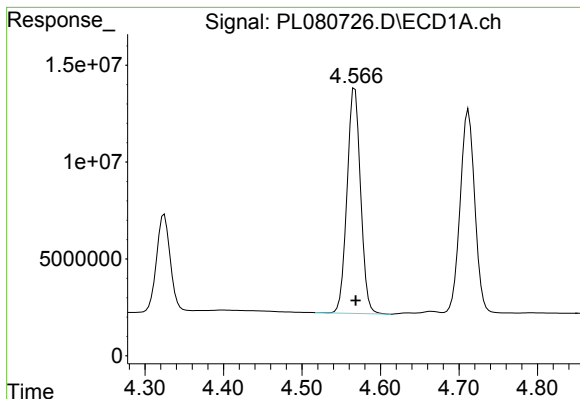
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 60414625
Conc: 44.26 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 60095150
Conc: 45.03 ng/ml



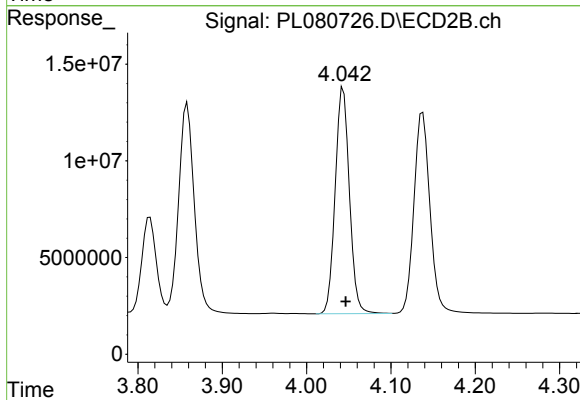
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 139564065
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

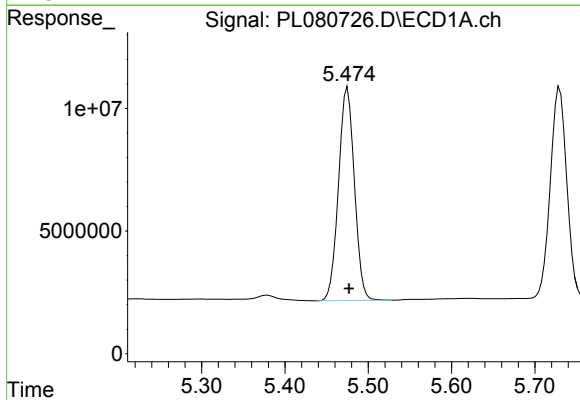
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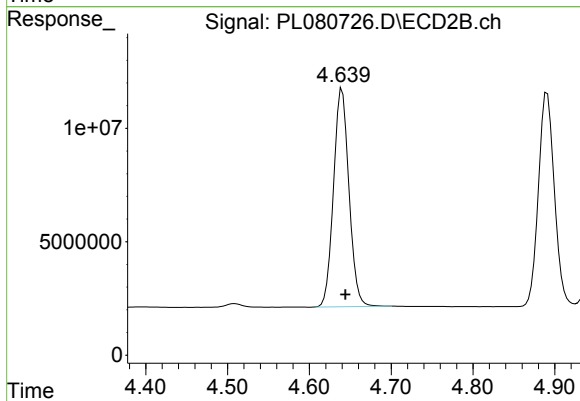
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 136984811
Conc: 47.49 ng/ml



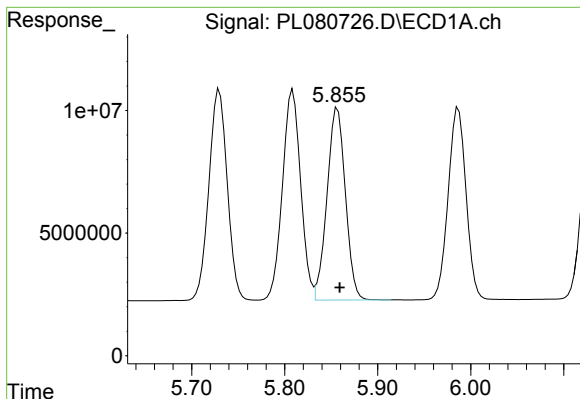
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 115193254
Conc: 44.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 126190371
Conc: 45.35 ng/ml



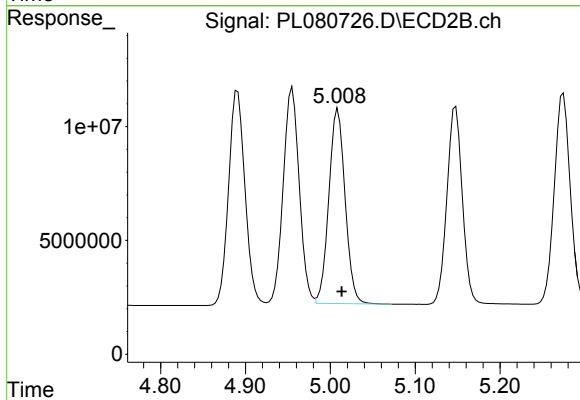
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 107708147
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

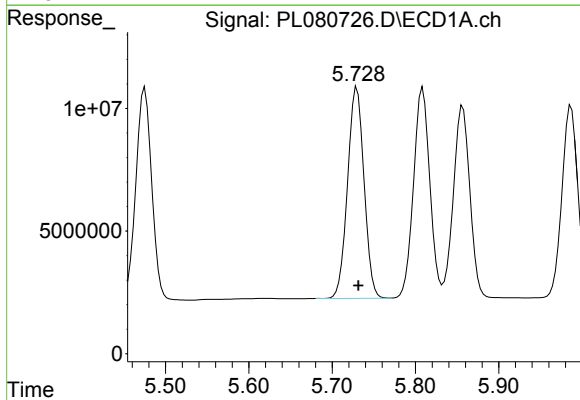
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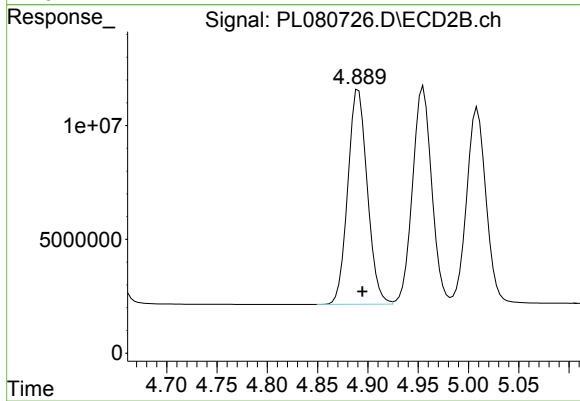
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 113600377
Conc: 43.67 ng/ml



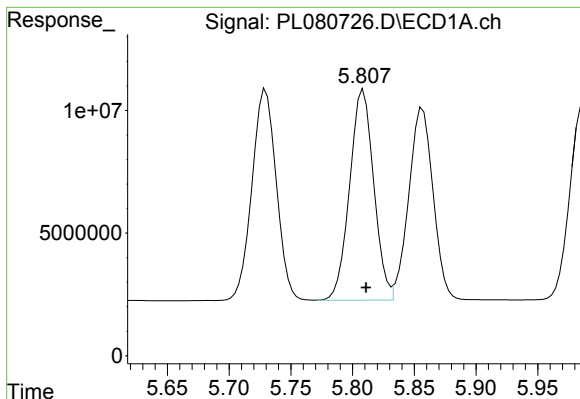
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 118150672
Conc: 46.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 127367478
Conc: 44.94 ng/ml m



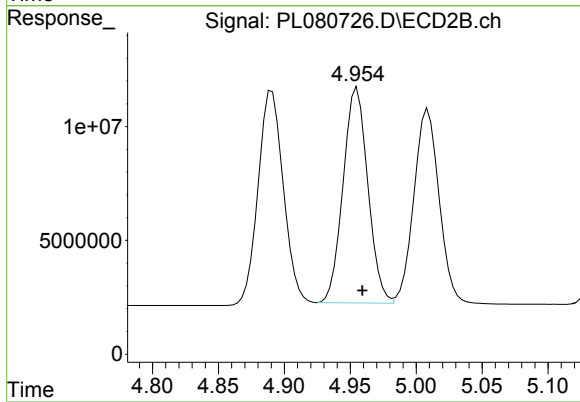
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 116744027
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

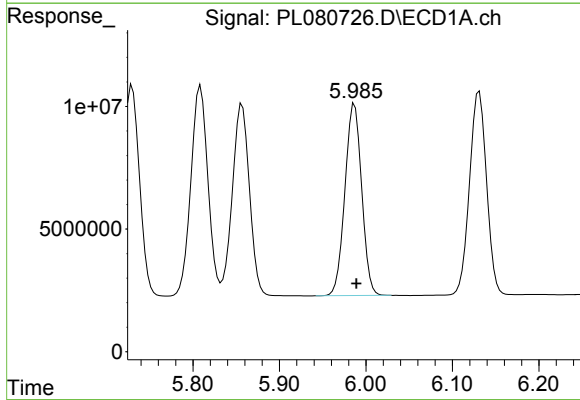
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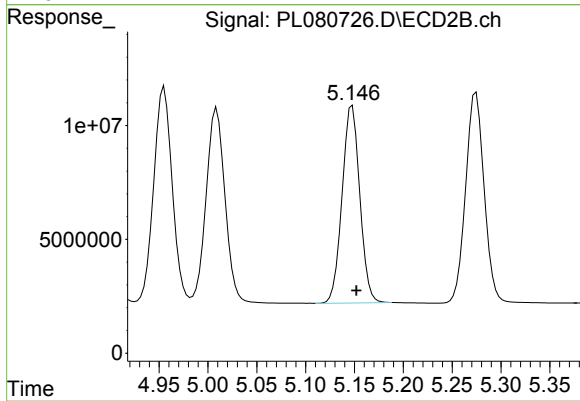
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 123366982
Conc: 43.06 ng/ml



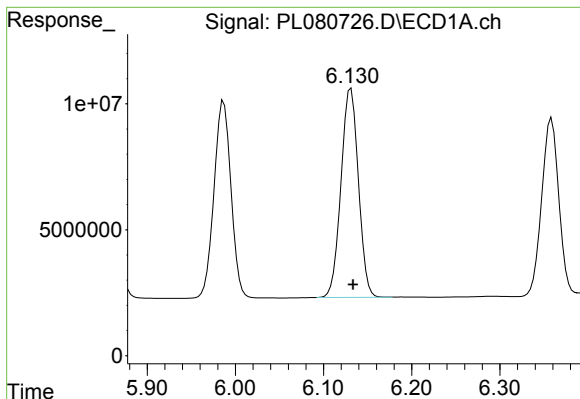
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 104818887
Conc: 47.06 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.005 min
Response: 109364506
Conc: 46.36 ng/ml m



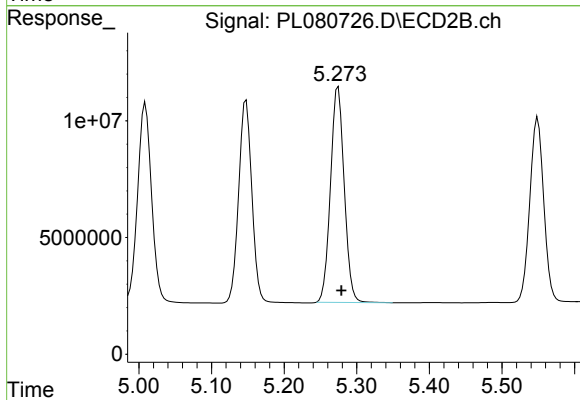
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 113804378
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

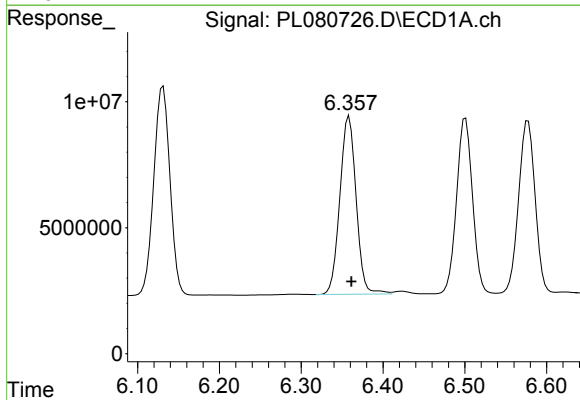
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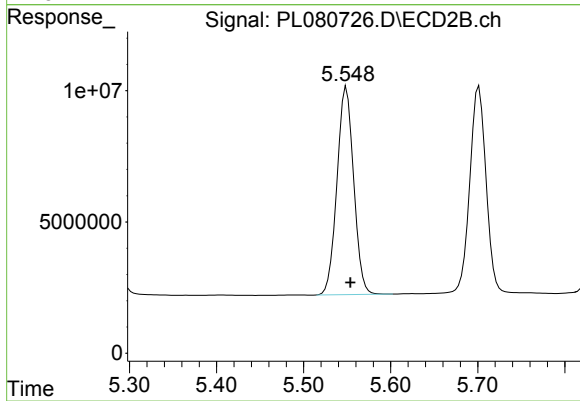
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 121523667
Conc: 44.93 ng/ml



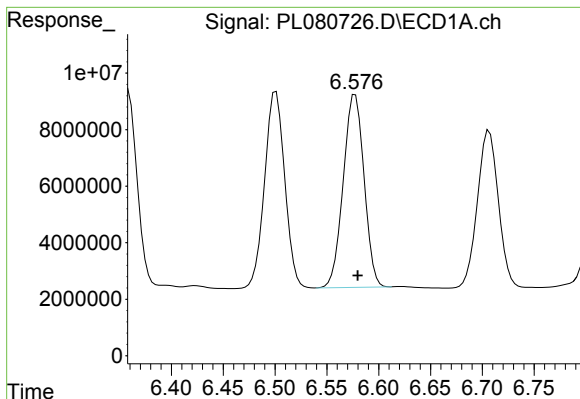
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 97349387
Conc: 45.01 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 105493492
Conc: 45.45 ng/ml



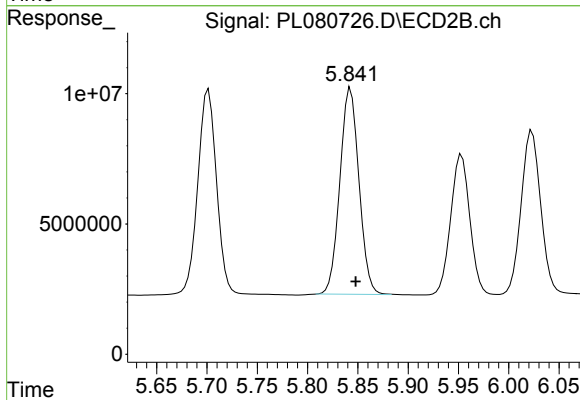
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 95400519
Conc: 41.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

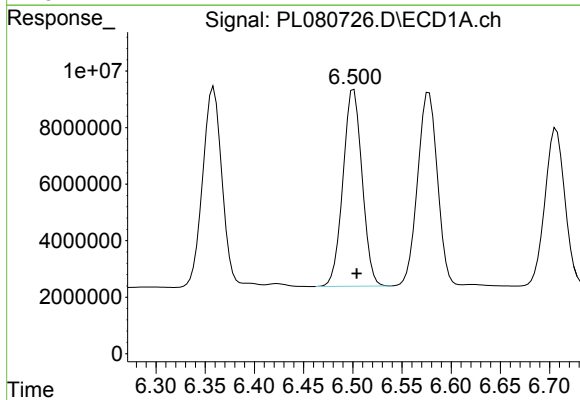
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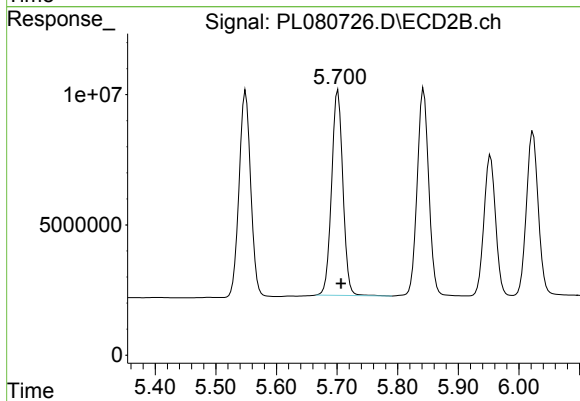
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 104311019
Conc: 50.06 ng/ml m



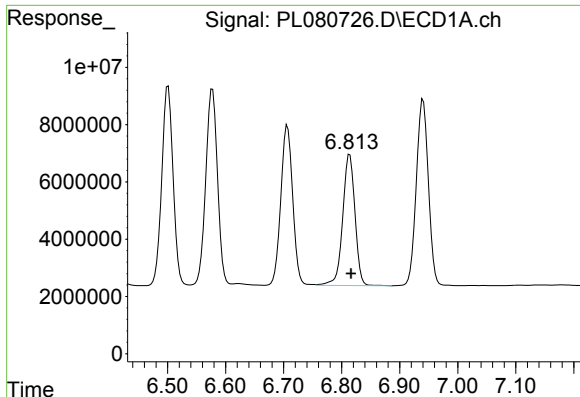
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 94165601
Conc: 51.40 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 102110843
Conc: 54.34 ng/ml



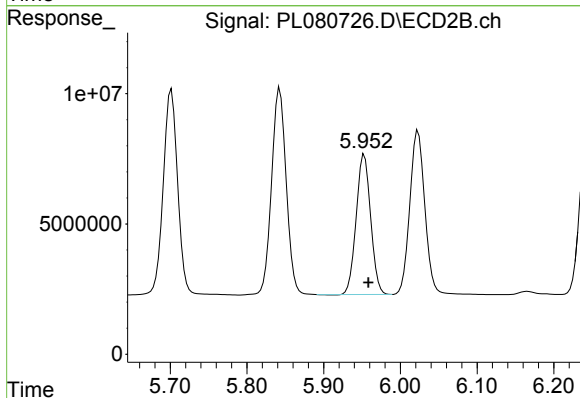
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 67219907
Conc: 32.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

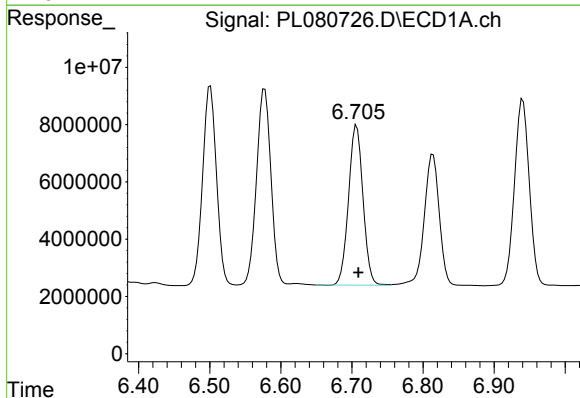
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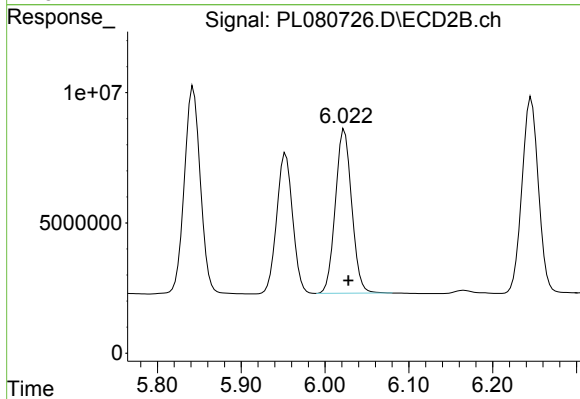
#17 4,4'-DDT

R.T.: 5.953 min
Delta R.T.: -0.005 min
Response: 70908009
Conc: 33.74 ng/ml



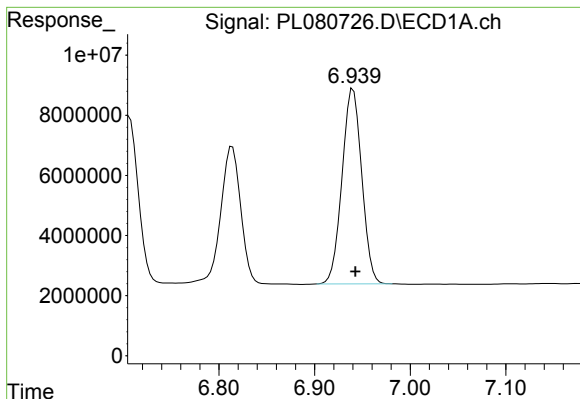
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 78941931
Conc: 47.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 85209049
Conc: 46.66 ng/ml



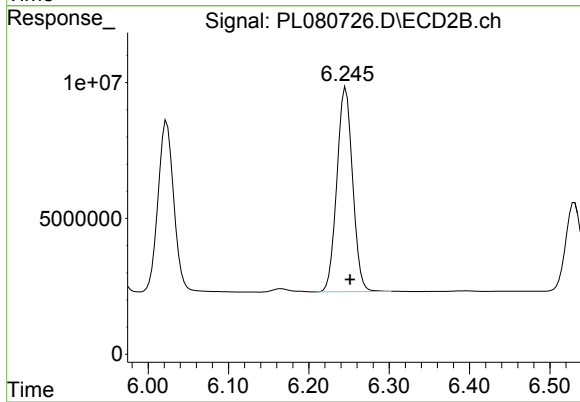
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 93282985
Conc: 45.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

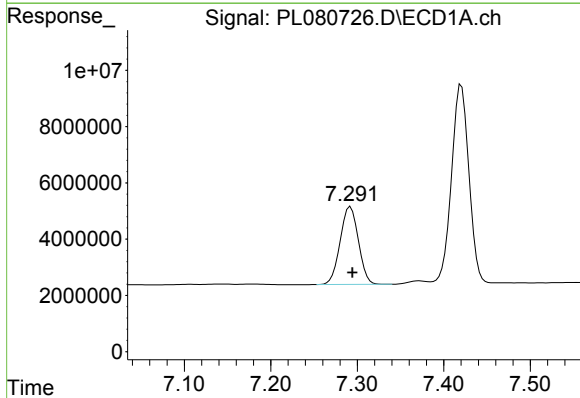
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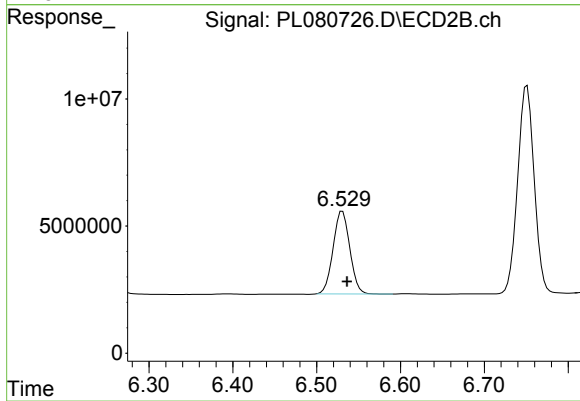
#19 Endosulfan Sulfate

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 102356977
Conc: 44.01 ng/ml



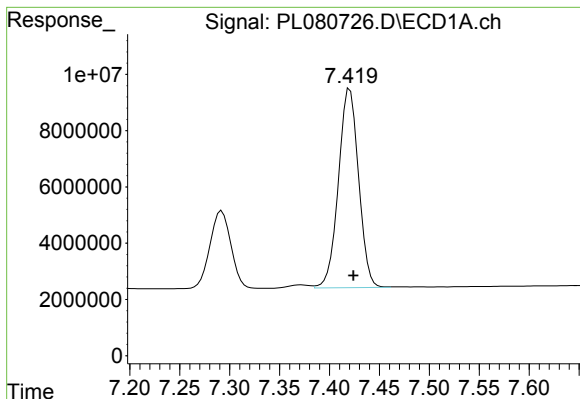
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 40353624
Conc: 36.58 ng/ml



#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.006 min
Response: 44960451
Conc: 37.05 ng/ml



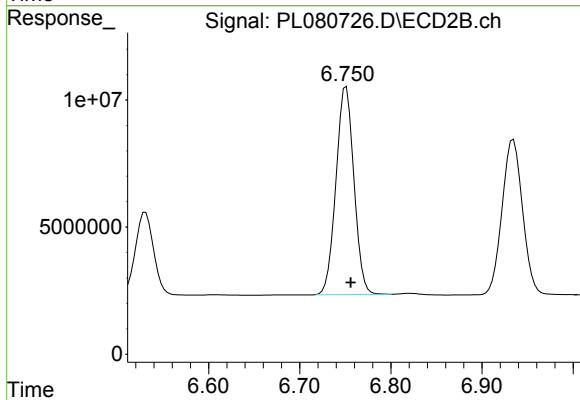
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 99549486
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

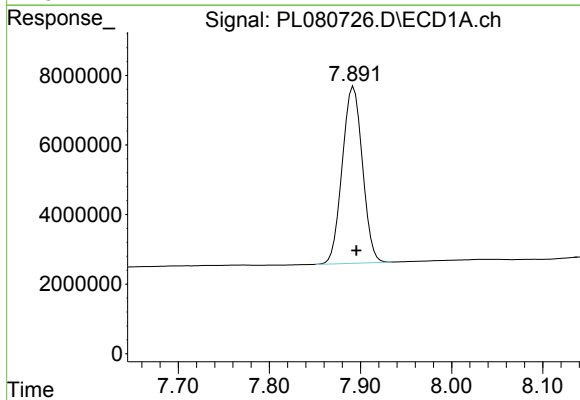
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Supervised By :Ankita Jodhani 02/06/2023



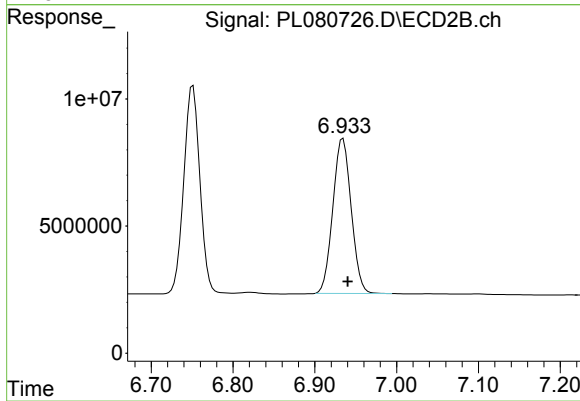
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 111778745
Conc: 43.78 ng/ml



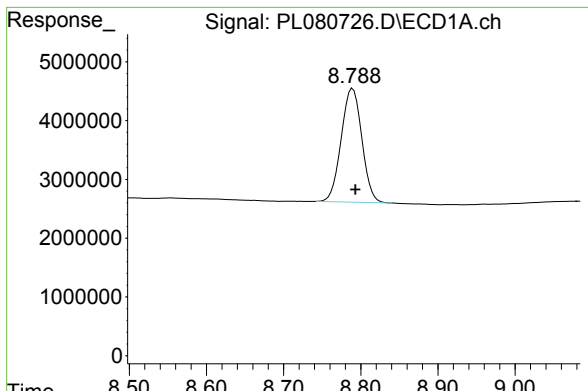
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 78101221
Conc: 45.41 ng/ml



#22 Mirex

R.T.: 6.934 min
Delta R.T.: -0.006 min
Response: 94787223
Conc: 41.63 ng/ml



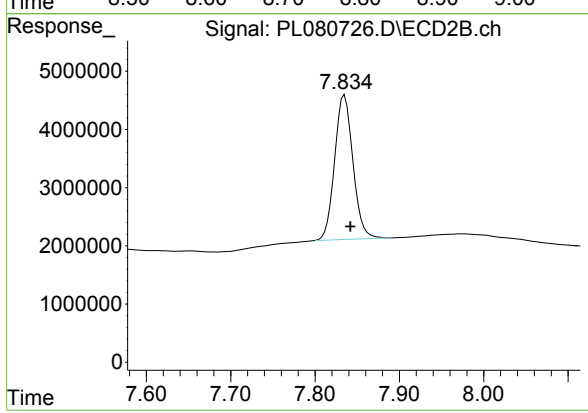
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.004 min
Response: 35876885
Conc: 20.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150655BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/06/2023
Supervised By :Ankita Jodhani 02/06/2023



#28 Decachlorobiphenyl

R.T.: 7.835 min
Delta R.T.: -0.007 min
Response: 37441562
Conc: 15.72 ng/ml