

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 15:55
 Operator : AR\AJ
 Sample : PB150893BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150893BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2023
 Supervised By : Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:49:33 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...	3.353	2.689	48117702	46539919	22.434	21.189
28)	SA Decachlor...	8.790	7.833	39378078	47907083	22.492	20.108
Target Compounds							
2)	A alpha-BHC	3.801	3.189	162.3E6	154.5E6	51.244	48.578
3)	MA gamma-BHC...	4.129	3.517	152.1E6	145.5E6	51.735	48.711
4)	MA Heptachlor	4.713	3.857	150.7E6	150.6E6	50.998	47.310
5)	MB Aldrin	5.051	4.137	140.5E6	141.7E6	51.350	48.024
6)	B beta-BHC	4.326	3.813	66790248	64000918	48.930	47.954
7)	B delta-BHC	4.569	4.043	138.6E6	129.2E6	47.880	44.791
8)	B Heptachlo...	5.476	4.639	132.1E6	133.1E6	51.079	47.845
9)	A Endosulfan I	5.857	5.008	119.6E6	120.5E6	50.643	46.332
10)	B gamma-Chl...	5.730	4.888	130.5E6	133.9E6	51.686	47.237m
11)	B alpha-Chl...	5.810	4.954	128.8E6	131.5E6	51.036	45.898
12)	B 4,4'-DDE	5.987	5.144	115.4E6	115.9E6	51.789	49.146m
13)	MA Dieldrin	6.132	5.272	123.1E6	128.1E6	51.424	47.358m
14)	MA Endrin	6.359	5.548	109.3E6	113.3E6	50.516	48.833
15)	B Endosulfa...	6.578	5.842	101.2E6	103.7E6	44.127	49.762
16)	A 4,4'-DDD	6.502	5.699	98497442	99931374	53.765	53.178
17)	MA 4,4'-DDT	6.815	5.951	91254982	91743389	43.922	43.656
18)	B Endrin al...	6.708	6.021	82401308	84693151	49.538	46.379
19)	B Endosulfa...	6.941	6.244	102.5E6	107.9E6	49.537	46.381
20)	A Methoxychlor	7.292	6.529	49102825	53173259	44.506	43.819
21)	B Endrin ke...	7.421	6.749	109.2E6	121.4E6	49.478	47.564
22)	Mirex	7.893	6.932	83310314	101.8E6	48.442	44.731

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 15:55
Operator : AR\AJ
Sample : PB150893BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

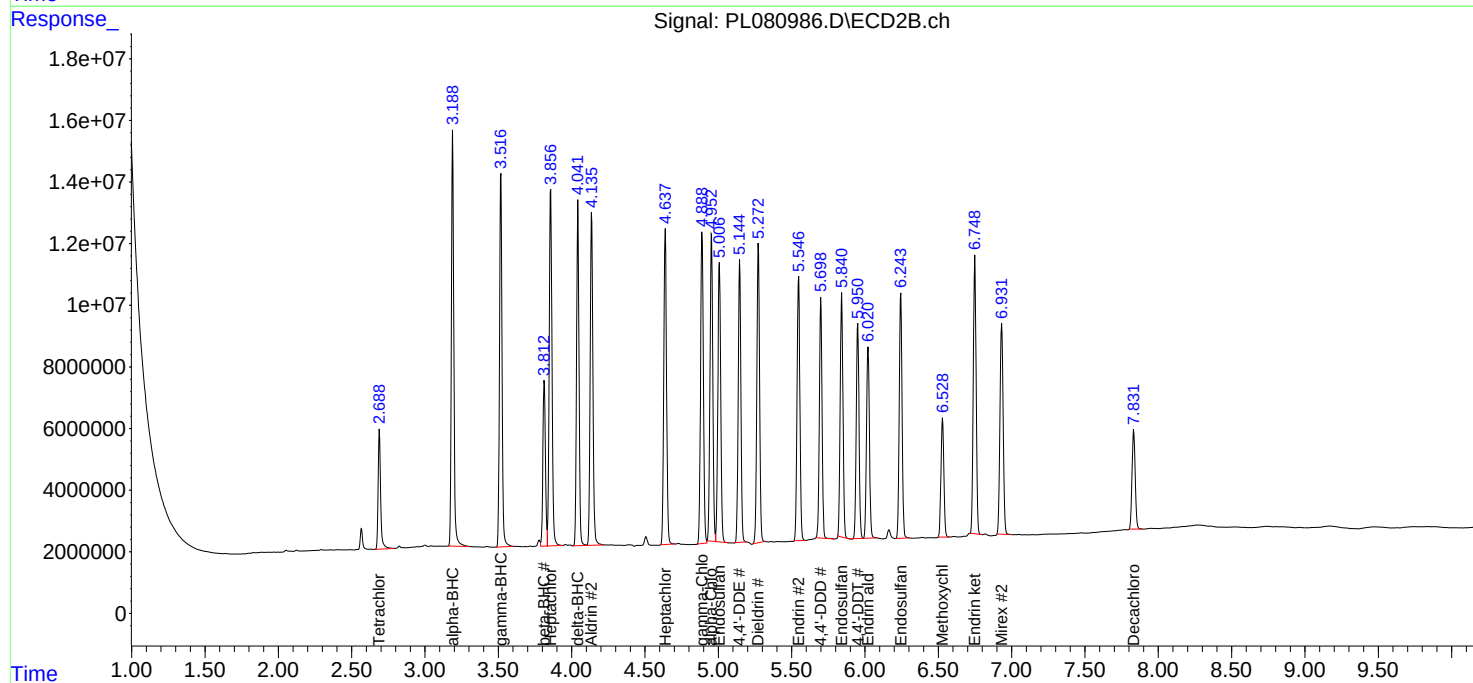
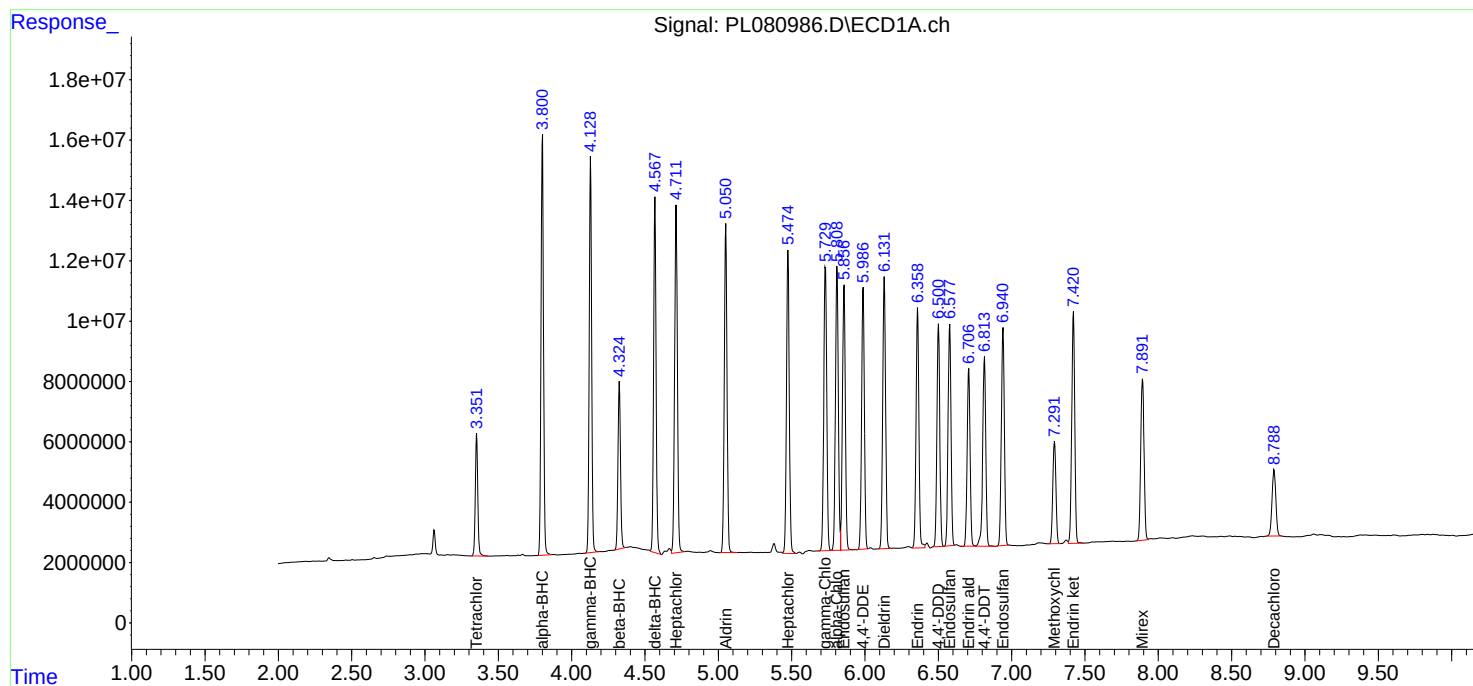
Instrument :
ECD_L
ClientSampleId :
PB150893BSD

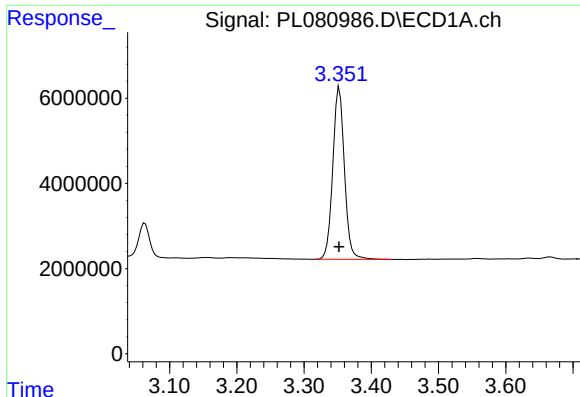
Manual Integrations
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Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:49:33 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





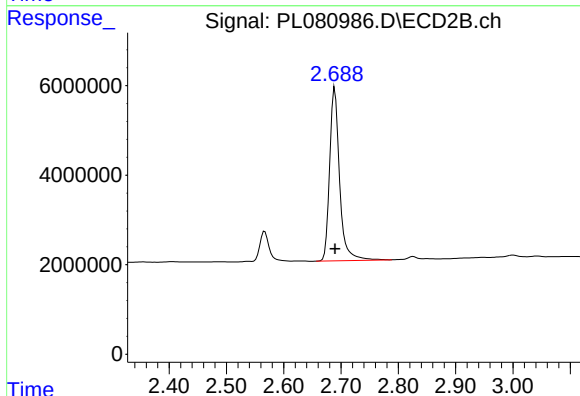
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 48117702
Conc: 22.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

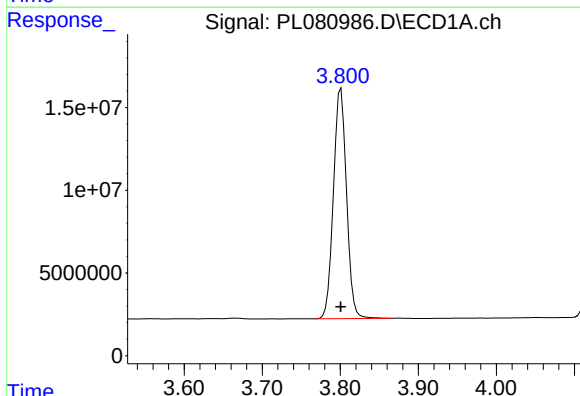
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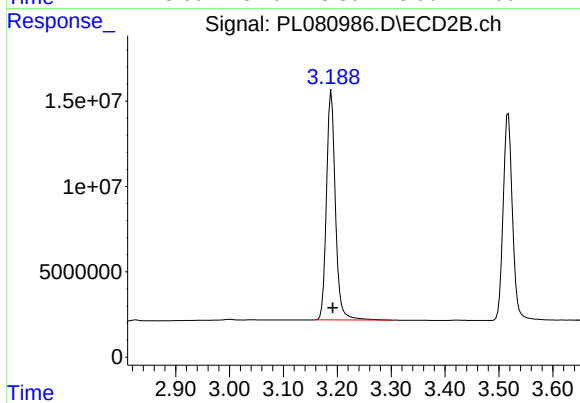
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 46539919
Conc: 21.19 ng/ml



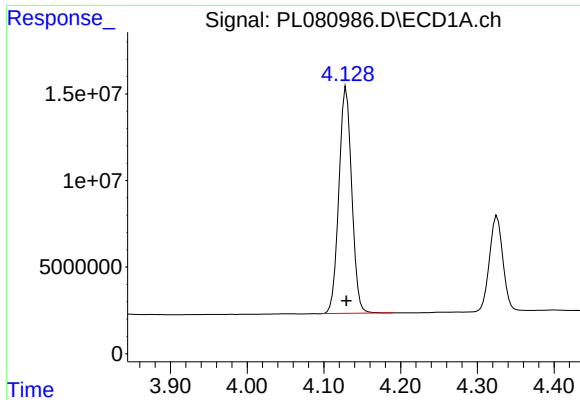
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 162341589
Conc: 51.24 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 154498361
Conc: 48.58 ng/ml



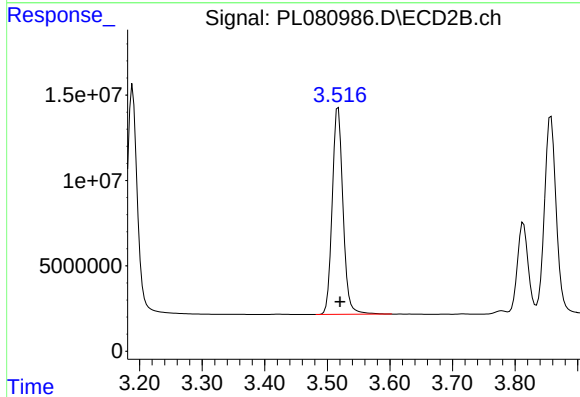
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 152088700
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

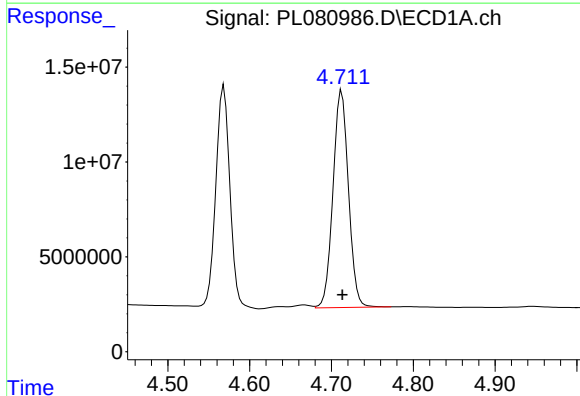
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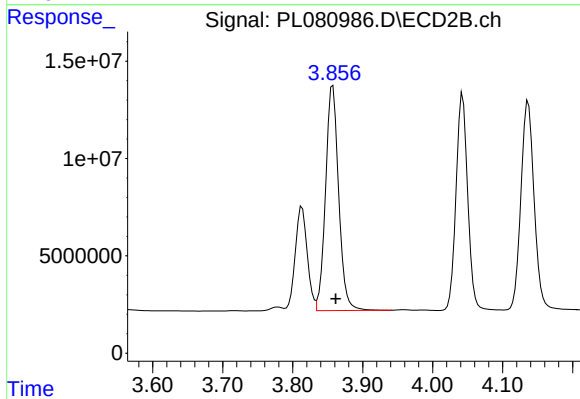
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 145515264
Conc: 48.71 ng/ml



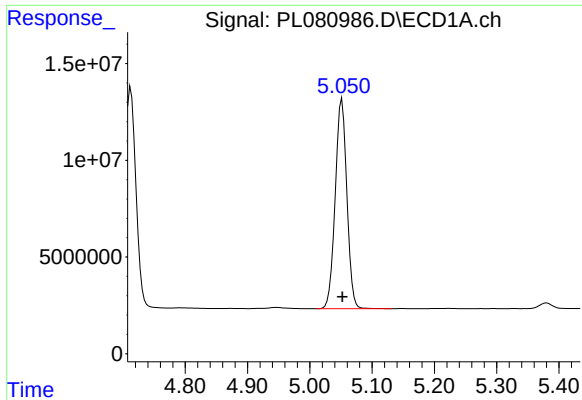
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 150711259
Conc: 51.00 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 150556320
Conc: 47.31 ng/ml



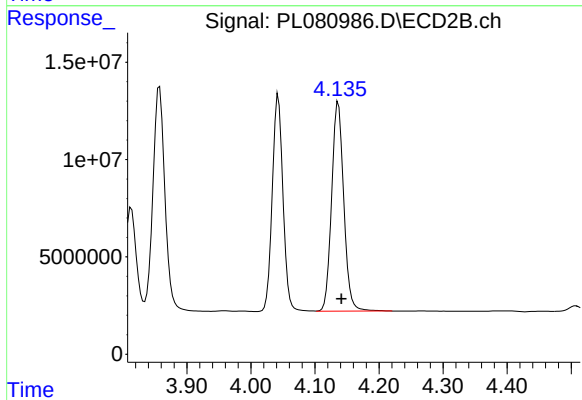
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 140482029
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

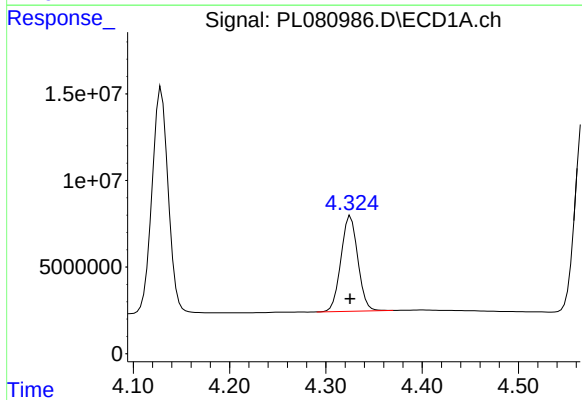
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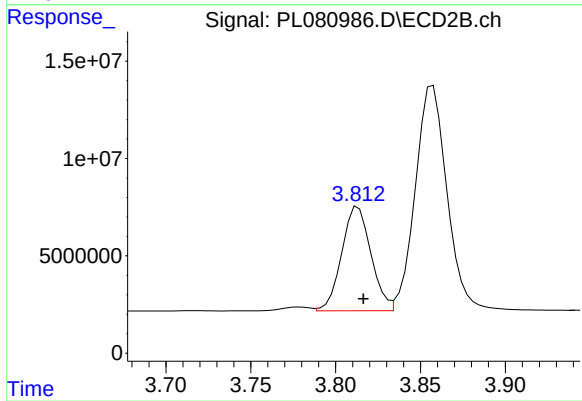
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 141651277
Conc: 48.02 ng/ml



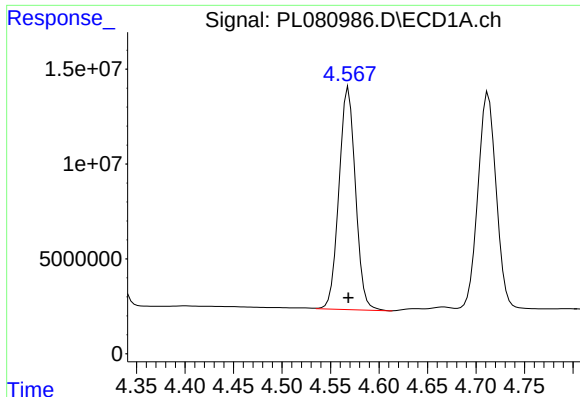
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 66790248
Conc: 48.93 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 64000918
Conc: 47.95 ng/ml



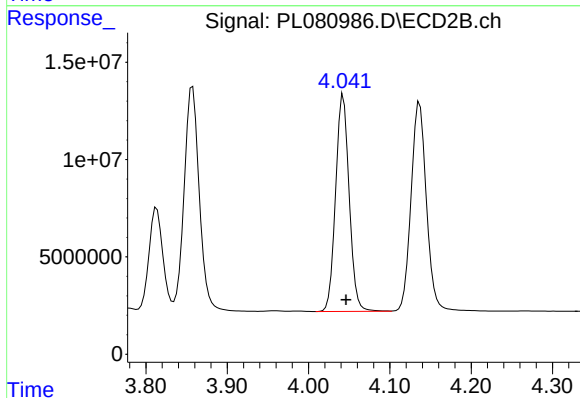
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 138612789
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

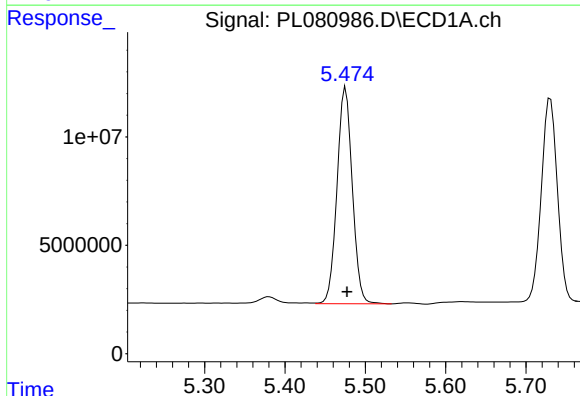
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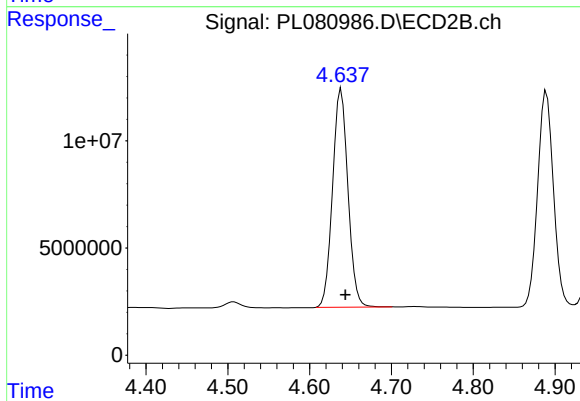
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 129195571
Conc: 44.79 ng/ml



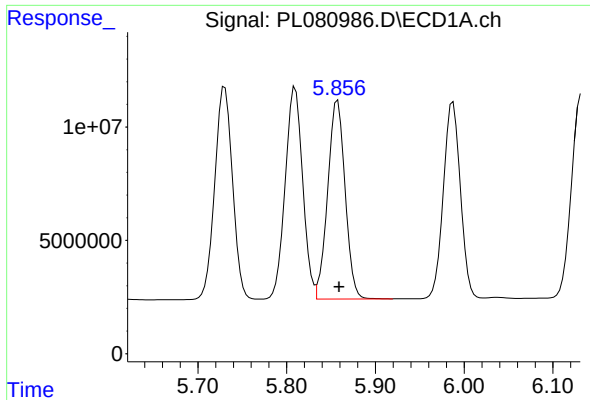
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.002 min
Response: 132144896
Conc: 51.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 133120624
Conc: 47.84 ng/ml



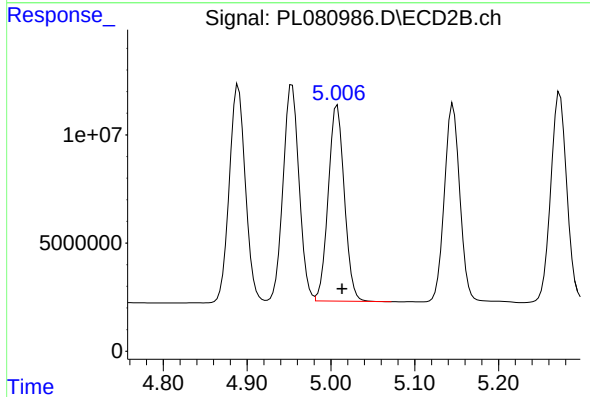
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 119591372
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

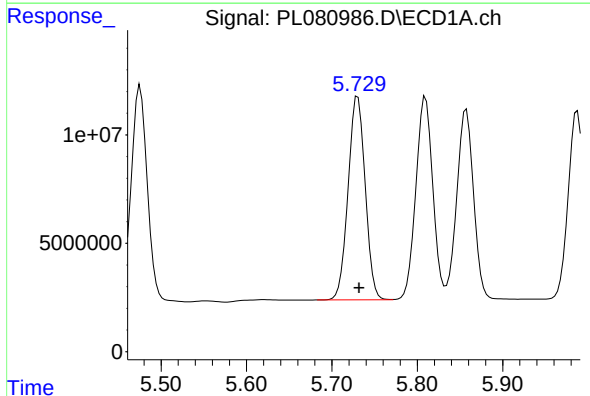
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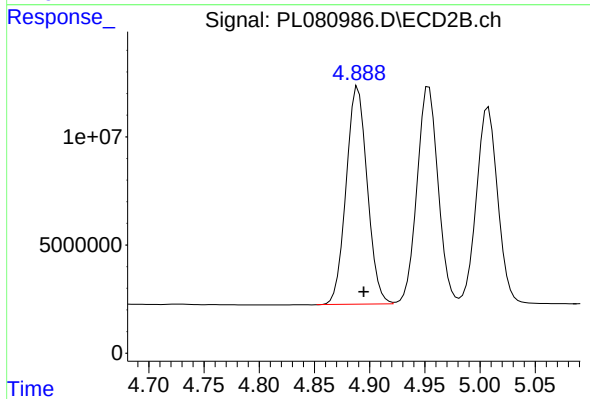
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 120524902
Conc: 46.33 ng/ml



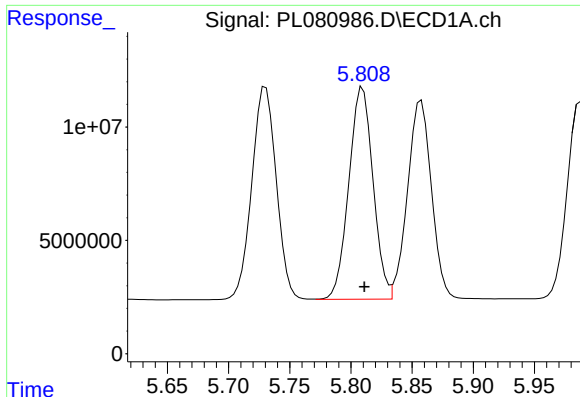
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.001 min
Response: 130543856
Conc: 51.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 133881299
Conc: 47.24 ng/ml m



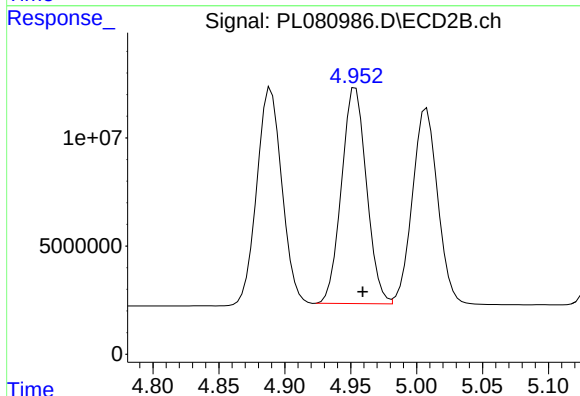
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 128827556
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

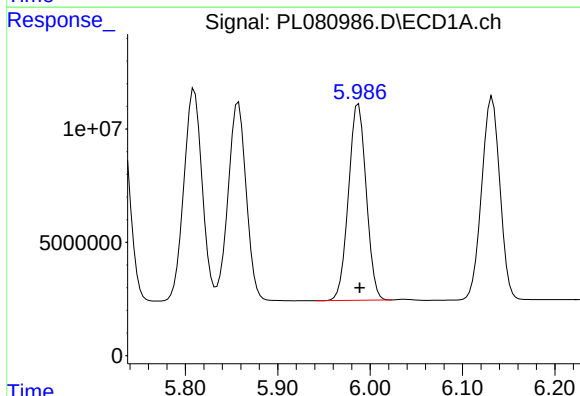
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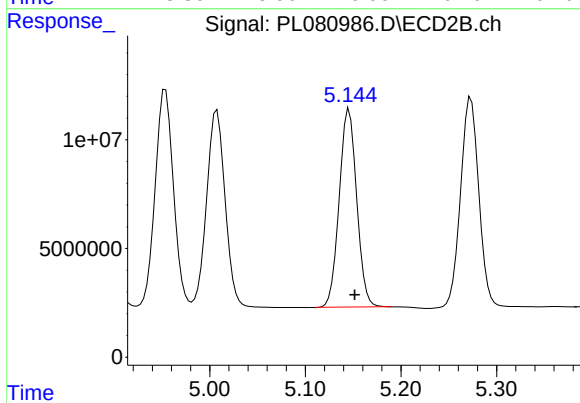
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 131483499
Conc: 45.90 ng/ml



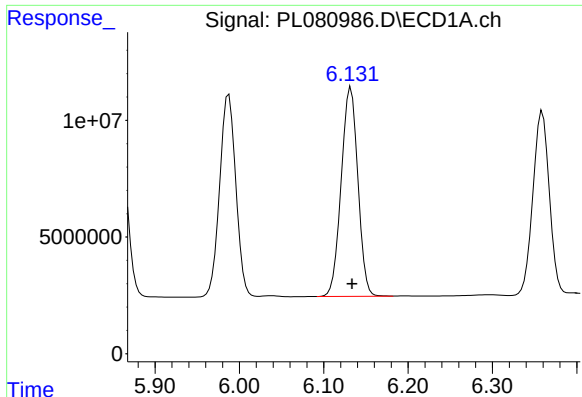
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 115350928
Conc: 51.79 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.007 min
Response: 115926552
Conc: 49.15 ng/ml m



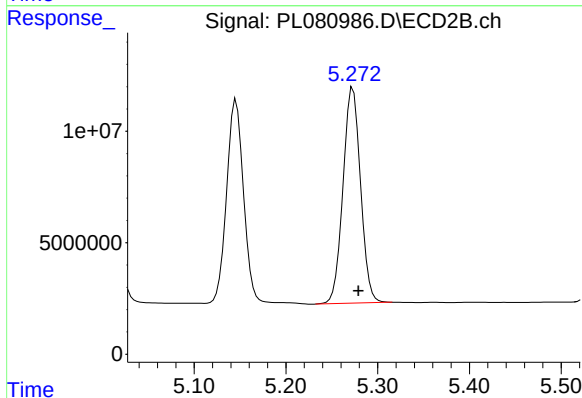
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 123077401
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

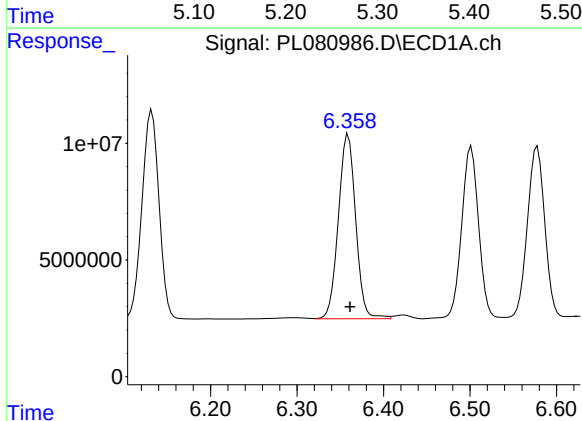
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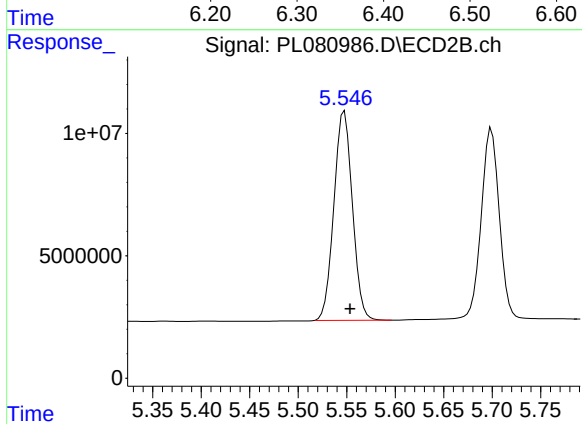
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 128100691
Conc: 47.36 ng/ml m



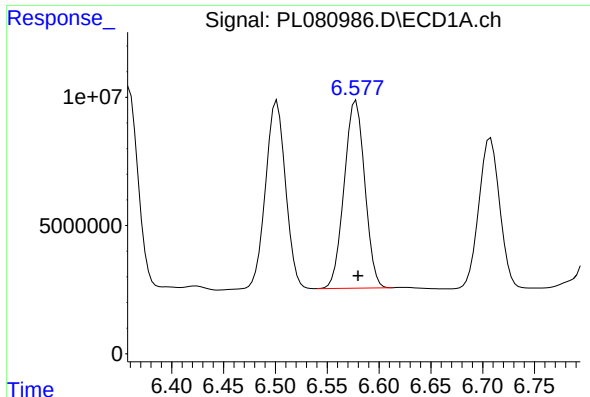
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 109251636
Conc: 50.52 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 113348993
Conc: 48.83 ng/ml



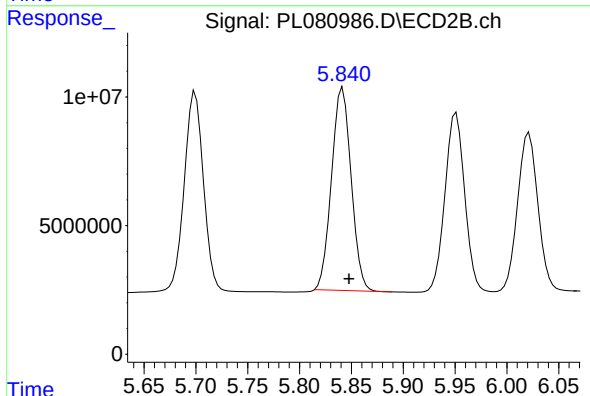
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 101154044
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

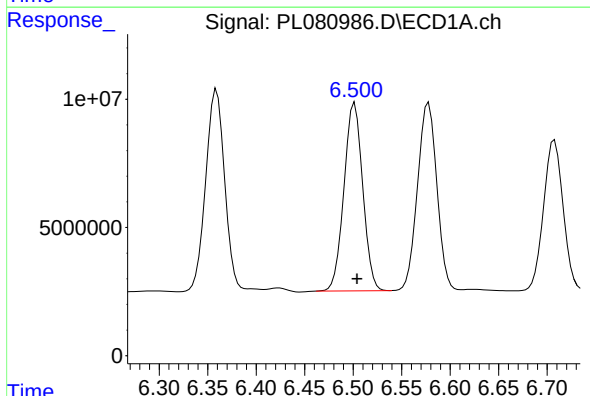
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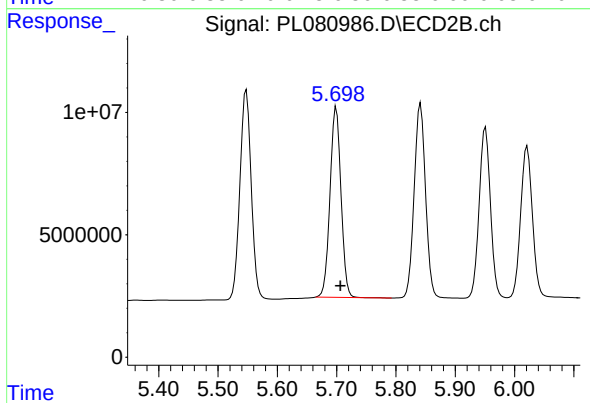
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 103689785
Conc: 49.76 ng/ml



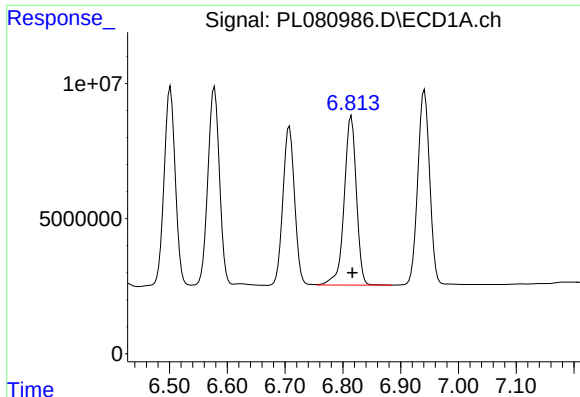
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 98497442
Conc: 53.77 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 99931374
Conc: 53.18 ng/ml



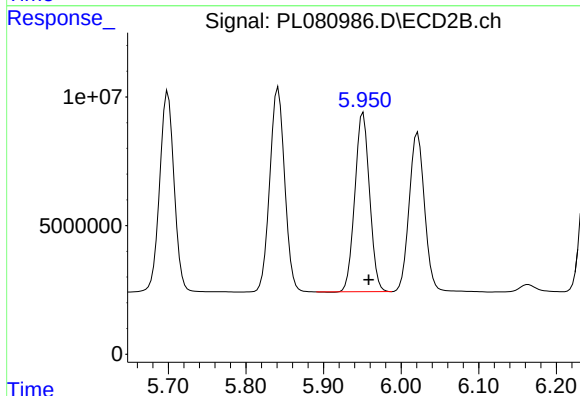
#17 4,4'-DDT

R.T.: 6.815 min
Delta R.T.: -0.002 min
Response: 91254982
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

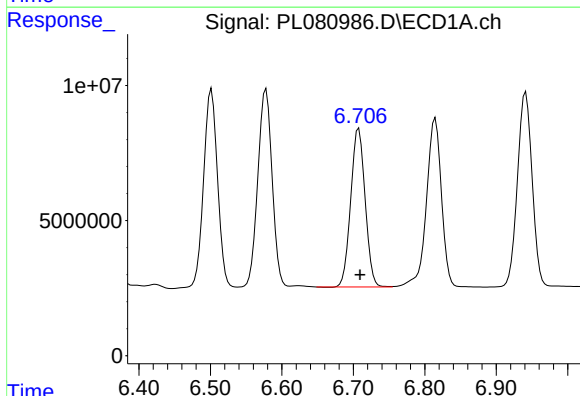
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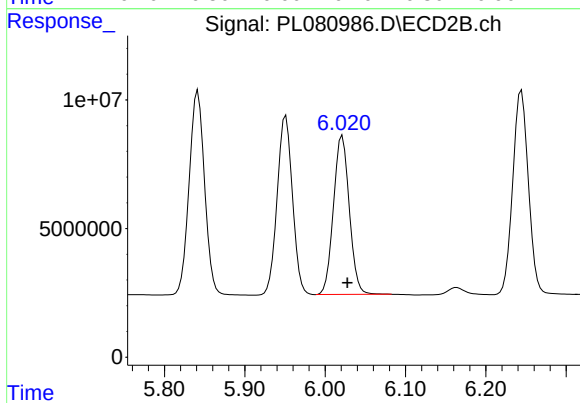
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 91743389
Conc: 43.66 ng/ml



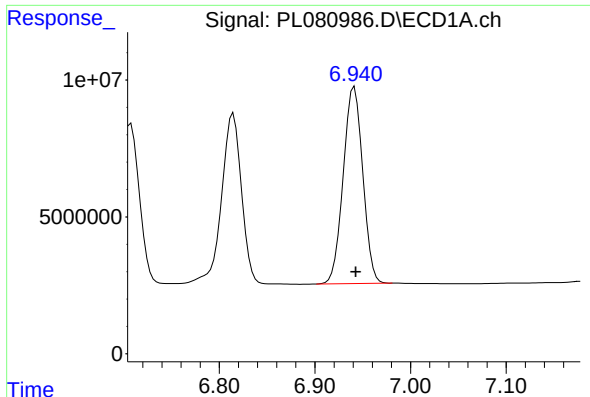
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 82401308
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 84693151
Conc: 46.38 ng/ml



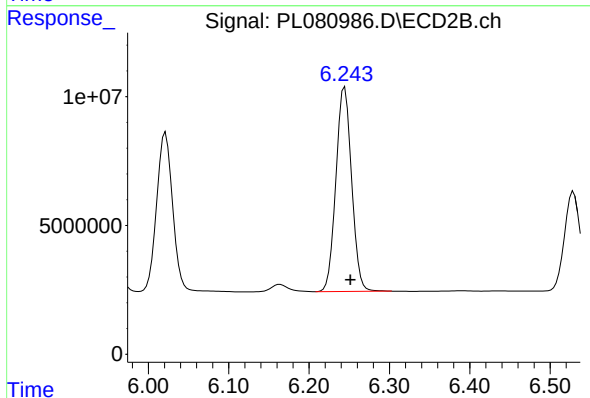
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.001 min
Response: 102537701
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

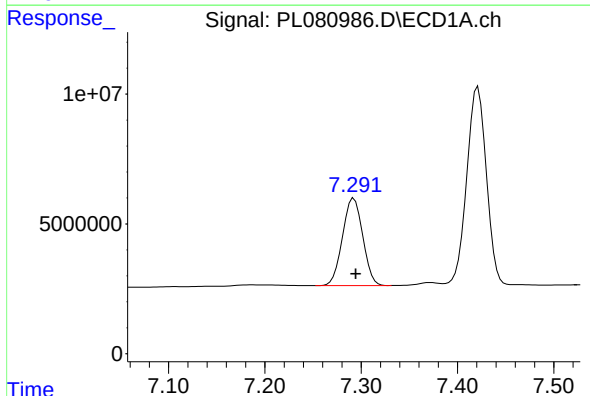
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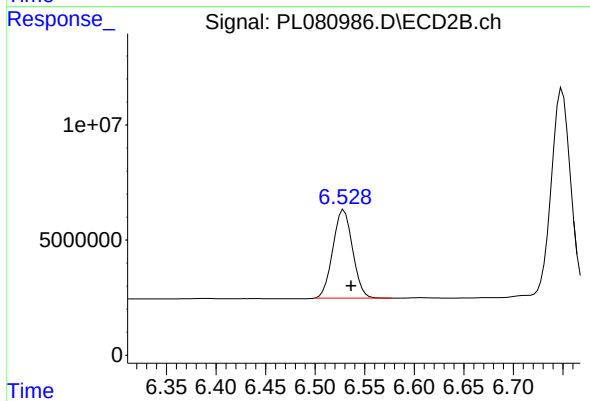
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 107866010
Conc: 46.38 ng/ml



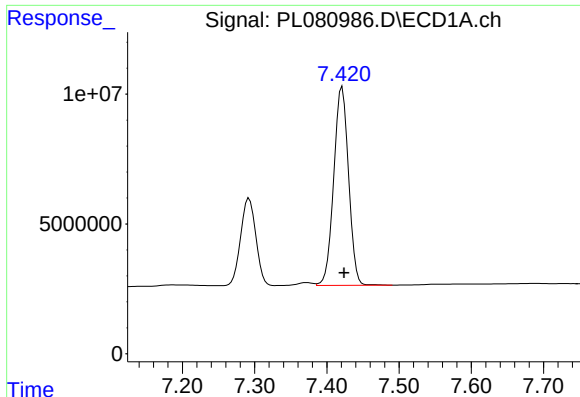
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 49102825
Conc: 44.51 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 53173259
Conc: 43.82 ng/ml



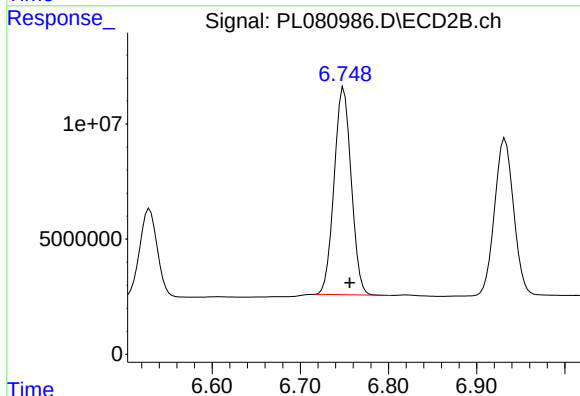
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 109165707
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

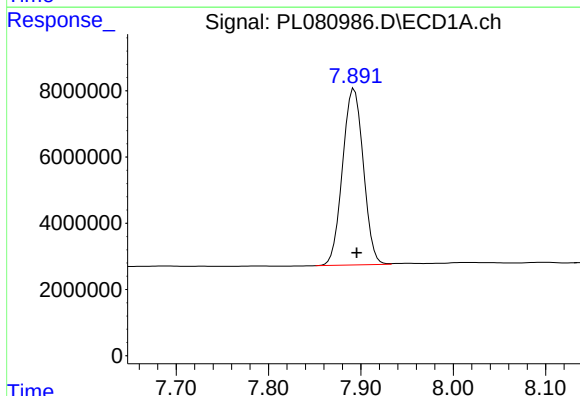
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Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



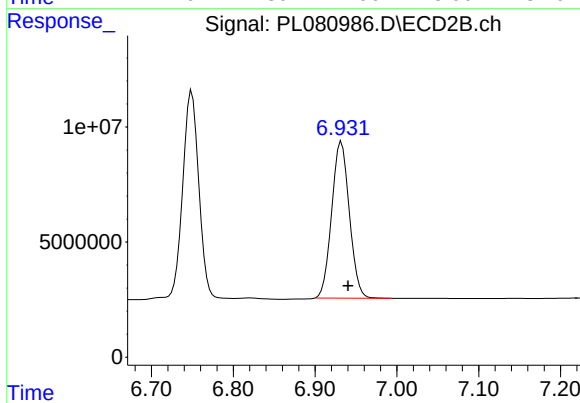
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 121441011
Conc: 47.56 ng/ml



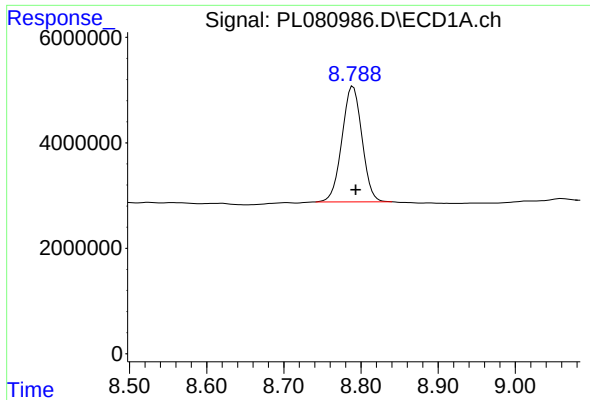
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 83310314
Conc: 48.44 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 101840102
Conc: 44.73 ng/ml



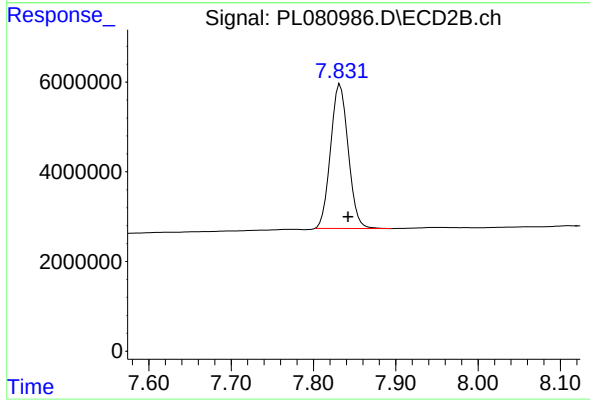
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 39378078
Conc: 22.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 47907083
Conc: 20.11 ng/ml