

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010923\
 Data File : PL080192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 21:19
 Operator : AR\AJ
 Sample : PB150115BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150115BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2023
 Supervised By : Ankita Jodhani 01/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 23:36:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.370	2.692	46247229	47212249	23.250	20.763
28)	SA Decachlor...	8.887	7.845	45381835	51706195	26.450	22.886
Target Compounds							
2)	A alpha-BHC	3.822	3.194	165.7E6	163.4E6	58.008	48.787
3)	MA gamma-BHC...	4.153	3.522	134.5E6	153.3E6	68.430	49.994 #
4)	MA Heptachlor	4.742	3.864	119.3E6	154.1E6	53.649	49.636
5)	MB Aldrin	5.083	4.144	112.4E6	150.7E6	56.658	51.059
6)	B beta-BHC	4.352	3.817	49232303	61663553	53.785	45.962
7)	B delta-BHC	4.596	4.048	109.3E6	148.2E6	54.397	50.421
8)	B Heptachlo...	5.513	4.646	99472079	140.8E6	54.668	51.393
9)	A Endosulfan I	5.898	5.016	93953257	133.0E6	54.753	51.346
10)	B gamma-Chl...	5.770	4.897	100.0E6	142.7E6	55.446	51.129
11)	B alpha-Chl...	5.850	4.961	99215346	142.7E6	55.170	51.089
12)	B 4,4'-DDE	6.034	5.154	88502884	122.8E6	56.223	52.923
13)	MA Dieldrin	6.176	5.281	95188598	135.5E6	55.608	51.820
14)	MA Endrin	6.405	5.555	80172407	113.7E6	52.277	50.539
15)	B Endosulfa...	6.627	5.849	83361621	114.1E6	54.175	52.543
16)	A 4,4'-DDD	6.556	5.707	77858696	103.9E6	59.160	56.290m
17)	MA 4,4'-DDT	6.873	5.960	79779630	100.7E6	53.365	49.440
18)	B Endrin al...	6.759	6.030	69004239	94386408	56.784	53.756
19)	B Endosulfa...	6.997	6.253	91094127	117.1E6	55.702	52.687
20)	A Methoxychlor	7.364	6.539	46469793	55784255	52.257	48.674
21)	B Endrin ke...	7.481	6.758	104.6E6	132.6E6	58.744	54.419
22)	Mirex	7.957	6.942	86661338	108.0E6	55.890	52.326

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010923\
 Data File : PL080192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 21:19
 Operator : AR\AJ
 Sample : PB150115BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

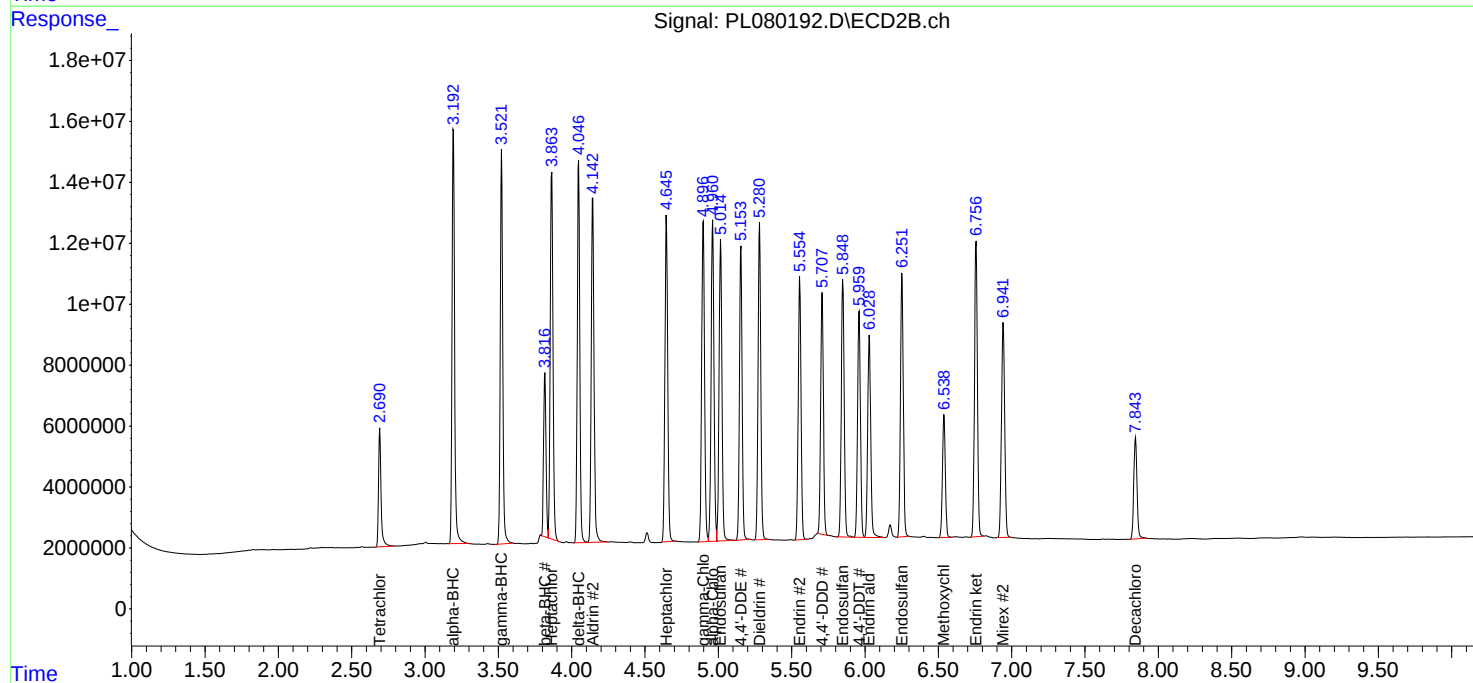
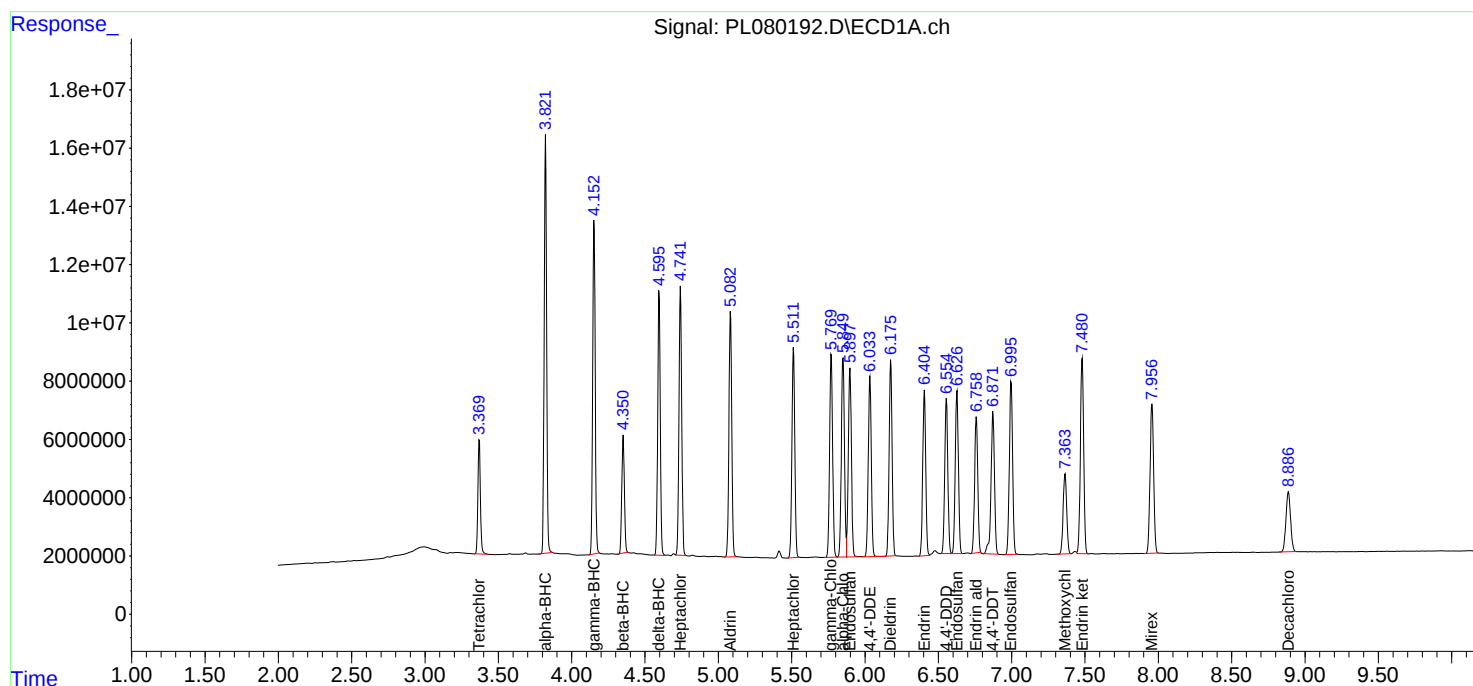
Instrument :
 ECD_L
 ClientSampleId :
 PB150115BSD

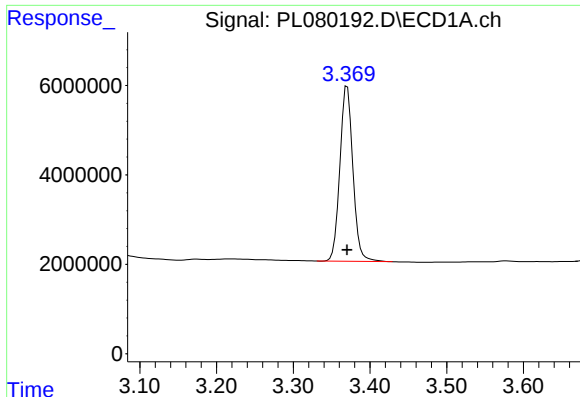
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 23:36:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





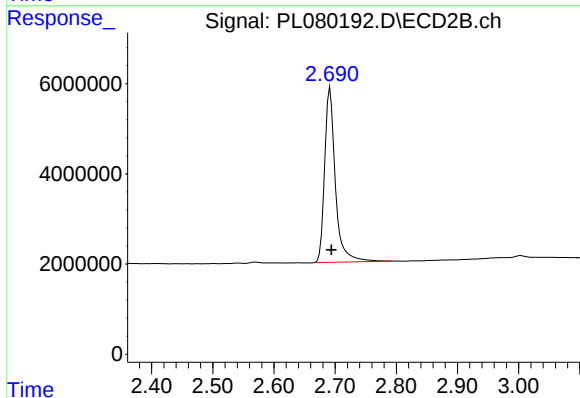
#1 Tetrachloro-m-xylene

R.T.: 3.370 min
Delta R.T.: 0.000 min
Response: 46247229
Conc: 23.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

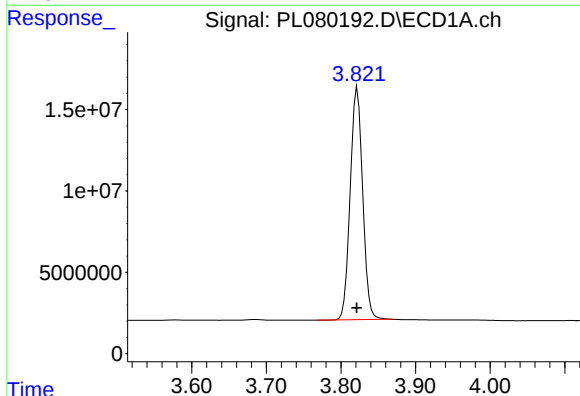
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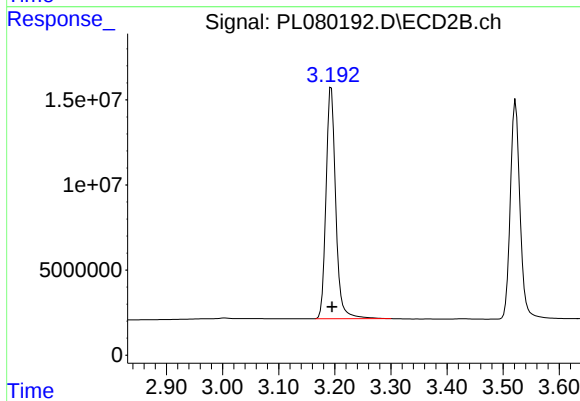
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 47212249
Conc: 20.76 ng/ml



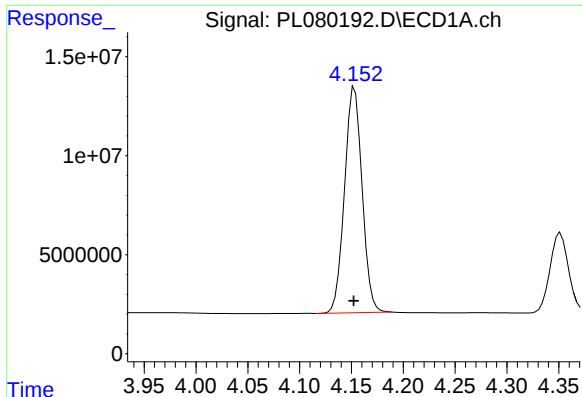
#2 alpha-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 165734047
Conc: 58.01 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: -0.001 min
Response: 163400010
Conc: 48.79 ng/ml



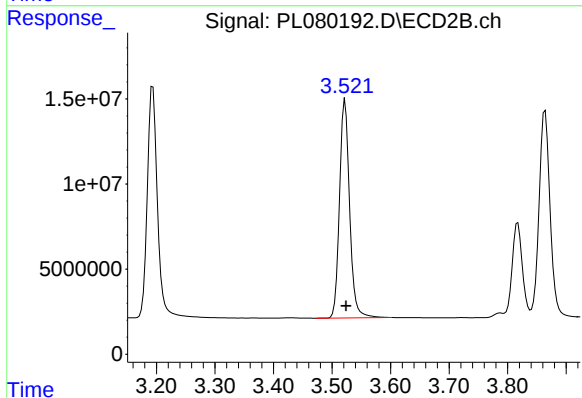
#3 gamma-BHC (Lindane)

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 134487344
Conc: 68.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

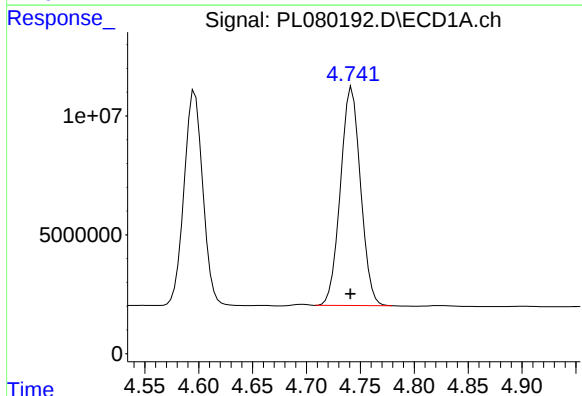
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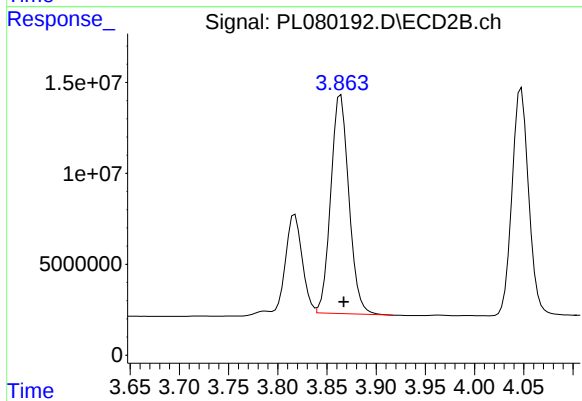
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 153315418
Conc: 49.99 ng/ml



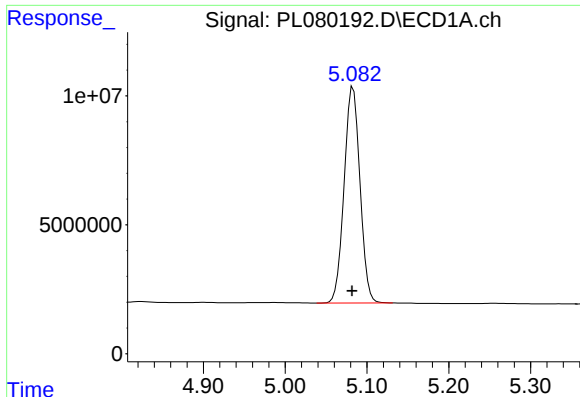
#4 Heptachlor

R.T.: 4.742 min
Delta R.T.: 0.001 min
Response: 119299018
Conc: 53.65 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: -0.003 min
Response: 154085963
Conc: 49.64 ng/ml



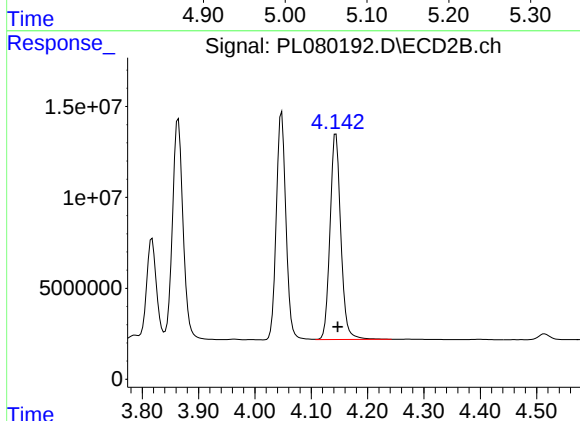
#5 Aldrin

R.T.: 5.083 min
Delta R.T.: 0.001 min
Response: 112428528
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

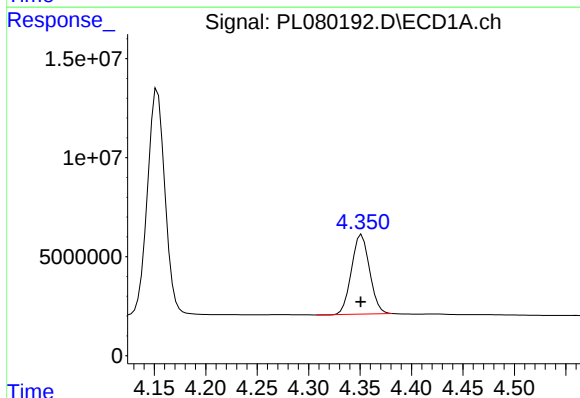
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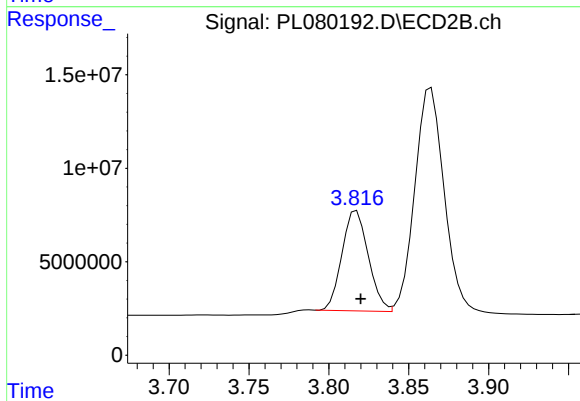
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 150672578
Conc: 51.06 ng/ml



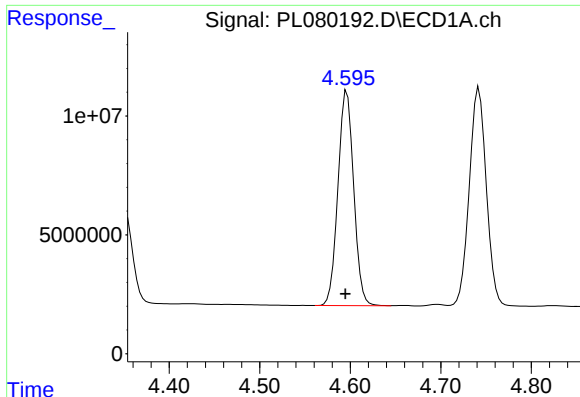
#6 beta-BHC

R.T.: 4.352 min
Delta R.T.: 0.001 min
Response: 49232303
Conc: 53.78 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.003 min
Response: 61663553
Conc: 45.96 ng/ml



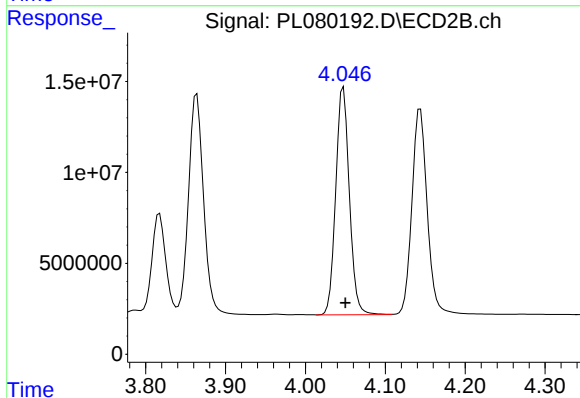
#7 delta-BHC

R.T.: 4.596 min
Delta R.T.: 0.002 min
Response: 109260779
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

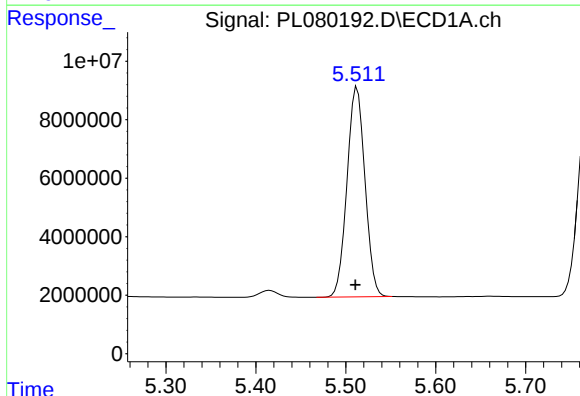
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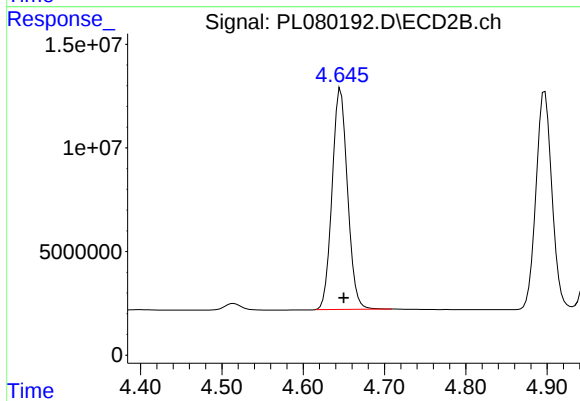
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 148242068
Conc: 50.42 ng/ml



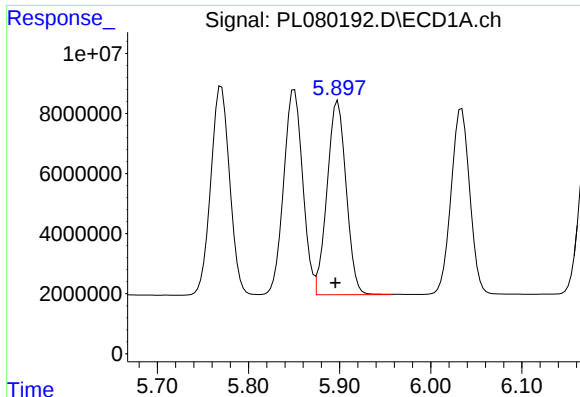
#8 Heptachlor epoxide

R.T.: 5.513 min
Delta R.T.: 0.002 min
Response: 99472079
Conc: 54.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 140794598
Conc: 51.39 ng/ml



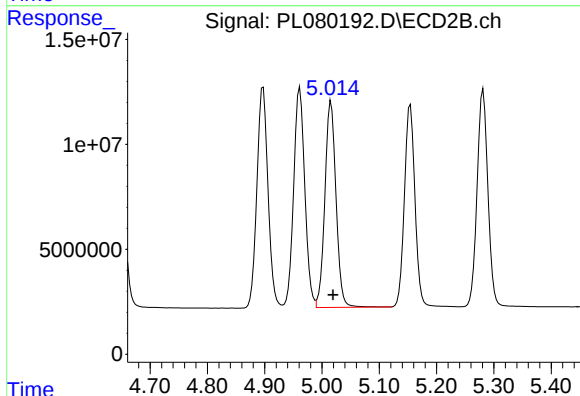
#9 Endosulfan I

R.T.: 5.898 min
Delta R.T.: 0.003 min
Response: 93953257
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

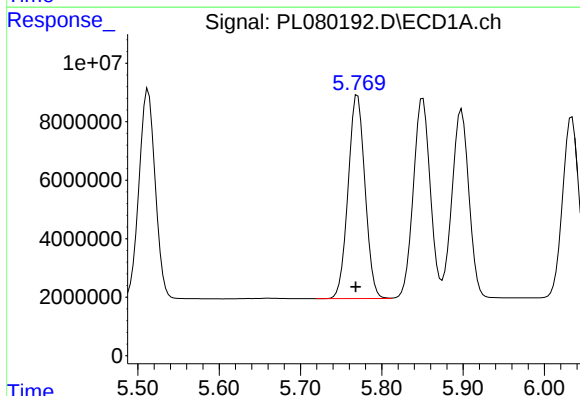
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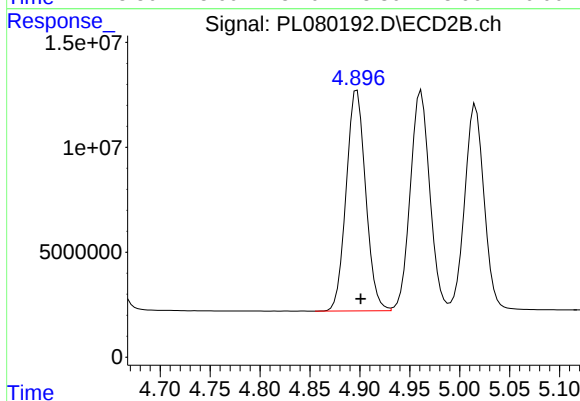
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 132990892
Conc: 51.35 ng/ml



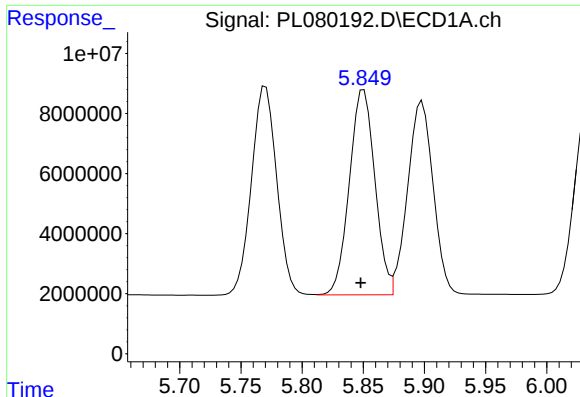
#10 gamma-Chlordane

R.T.: 5.770 min
Delta R.T.: 0.002 min
Response: 100031748
Conc: 55.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 142702692
Conc: 51.13 ng/ml



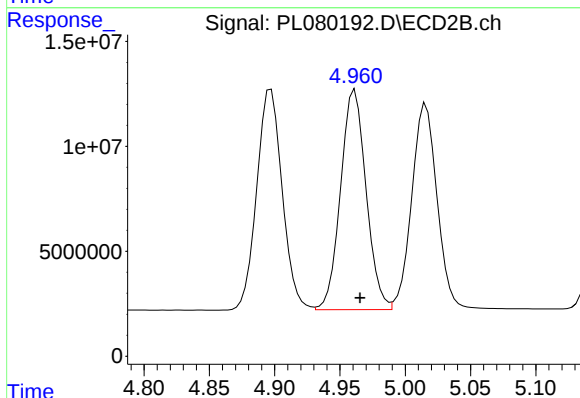
#11 alpha-Chlordane

R.T.: 5.850 min
Delta R.T.: 0.003 min
Response: 99215346
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

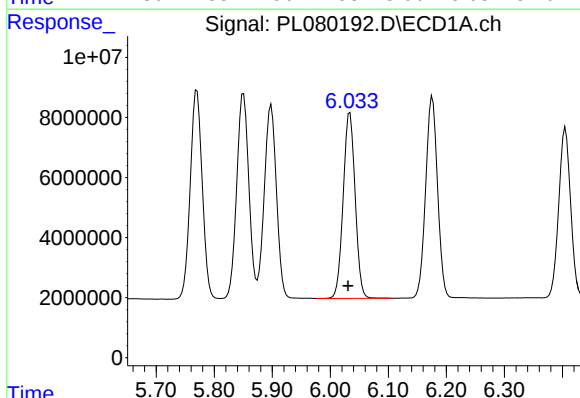
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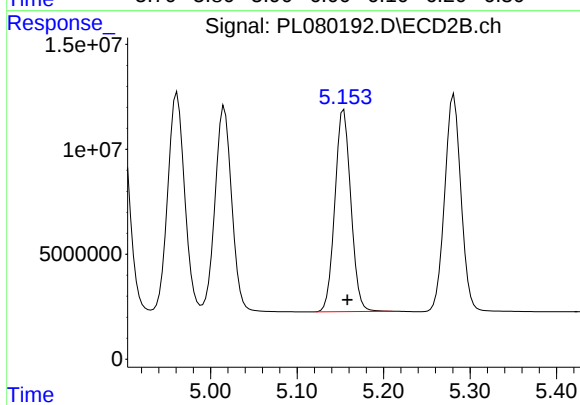
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 142737035
Conc: 51.09 ng/ml



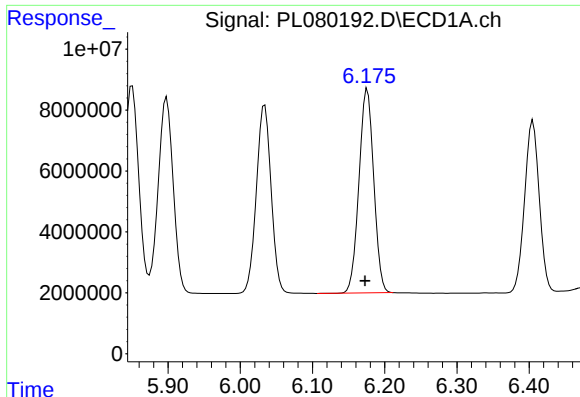
#12 4,4'-DDE

R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 88502884
Conc: 56.22 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 122795898
Conc: 52.92 ng/ml



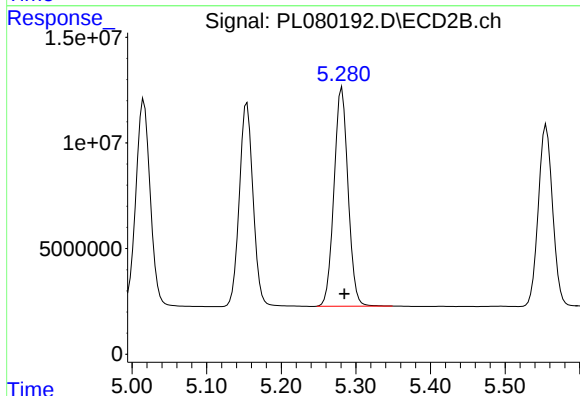
#13 Dieldrin

R.T.: 6.176 min
Delta R.T.: 0.003 min
Response: 95188598
Conc: 55.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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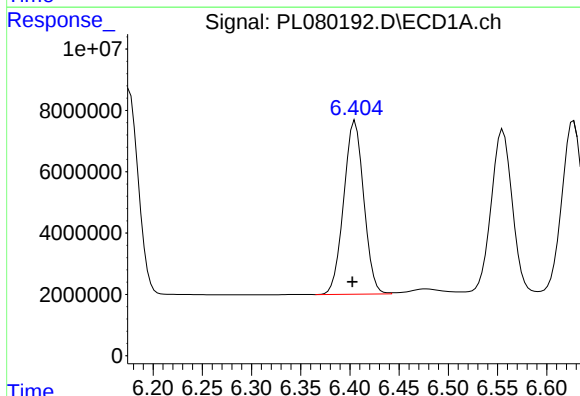
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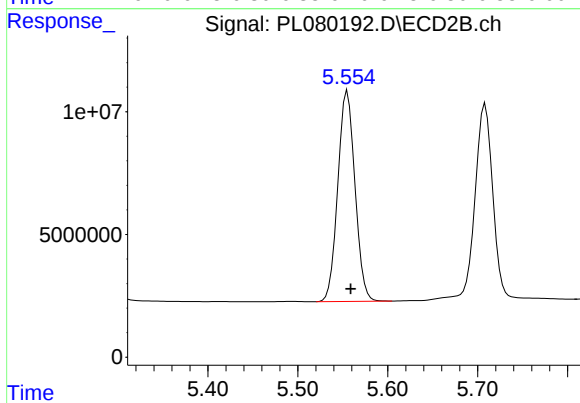
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.003 min
Response: 135540099
Conc: 51.82 ng/ml



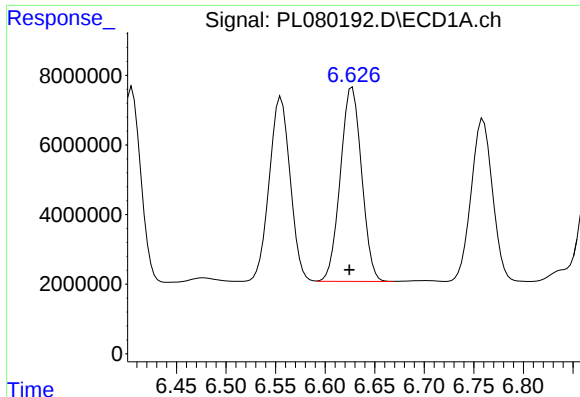
#14 Endrin

R.T.: 6.405 min
Delta R.T.: 0.003 min
Response: 80172407
Conc: 52.28 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.004 min
Response: 113738289
Conc: 50.54 ng/ml



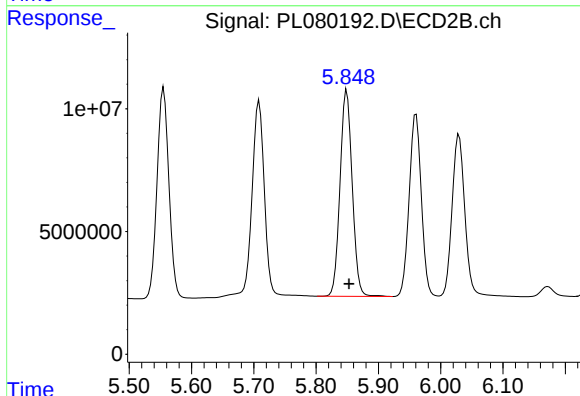
#15 Endosulfan II

R.T.: 6.627 min
Delta R.T.: 0.003 min
Response: 83361621
Conc: 54.18 ng/ml

Instrument :
ECD_L
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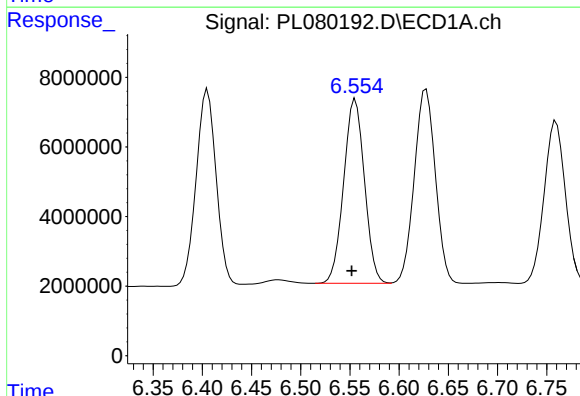
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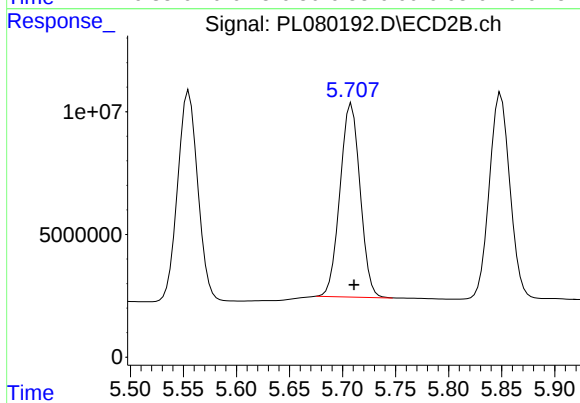
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 114079524
Conc: 52.54 ng/ml



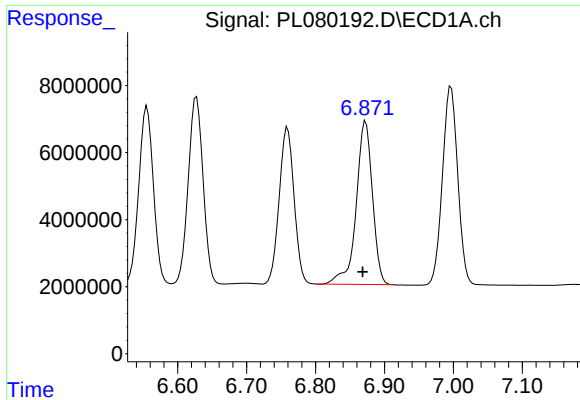
#16 4,4'-DDD

R.T.: 6.556 min
Delta R.T.: 0.004 min
Response: 77858696
Conc: 59.16 ng/ml



#16 4,4'-DDD

R.T.: 5.707 min
Delta R.T.: -0.004 min
Response: 103874738
Conc: 56.29 ng/ml m



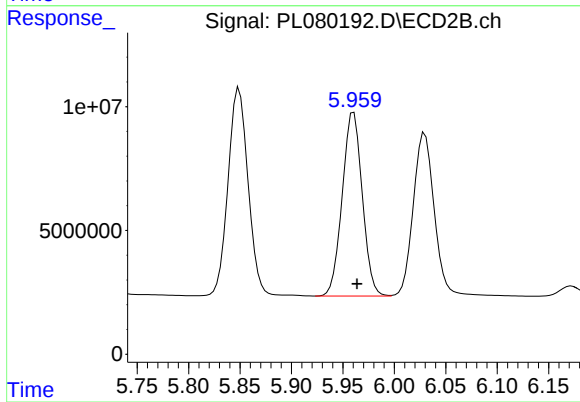
#17 4,4'-DDT

R.T.: 6.873 min
Delta R.T.: 0.004 min
Response: 79779630
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

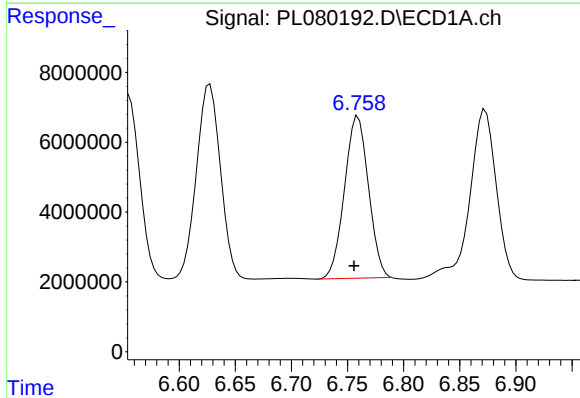
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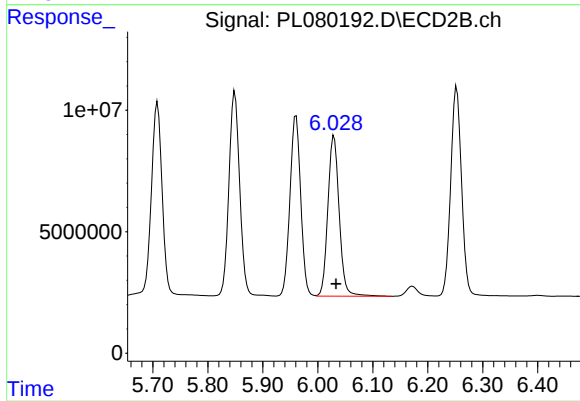
#17 4,4'-DDT

R.T.: 5.960 min
Delta R.T.: -0.004 min
Response: 100670538
Conc: 49.44 ng/ml



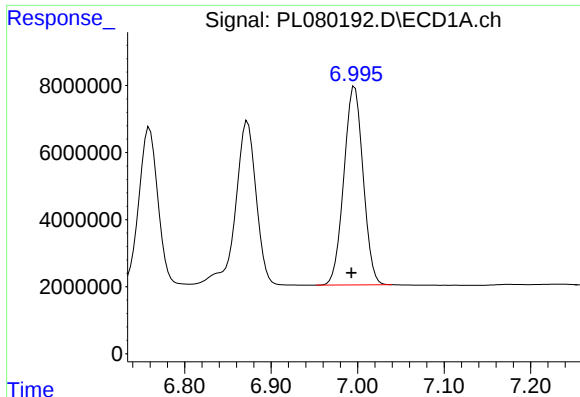
#18 Endrin aldehyde

R.T.: 6.759 min
Delta R.T.: 0.003 min
Response: 69004239
Conc: 56.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 94386408
Conc: 53.76 ng/ml



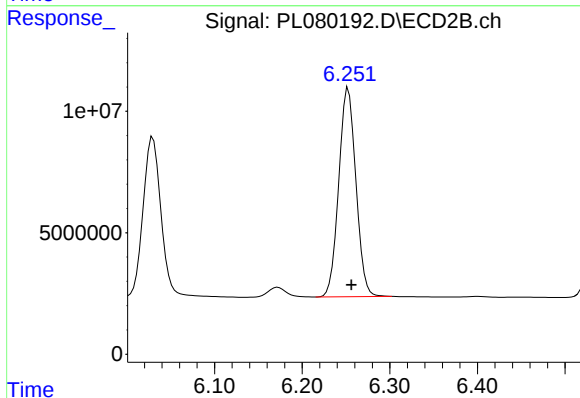
#19 Endosulfan Sulfate

R.T.: 6.997 min
Delta R.T.: 0.004 min
Response: 91094127
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

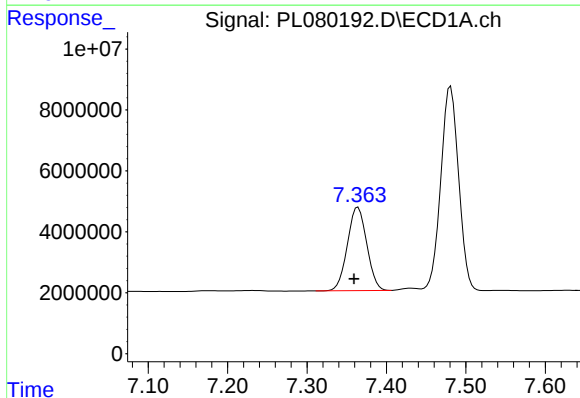
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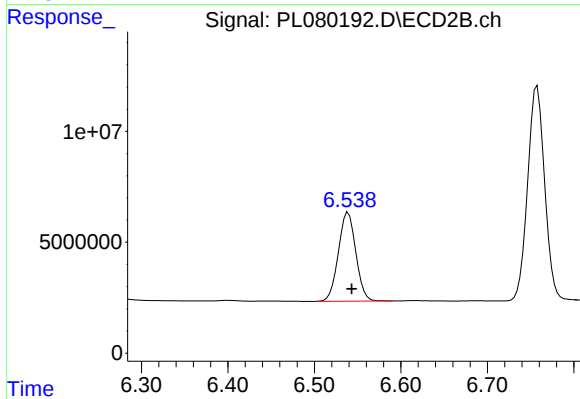
#19 Endosulfan Sulfate

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 117055912
Conc: 52.69 ng/ml



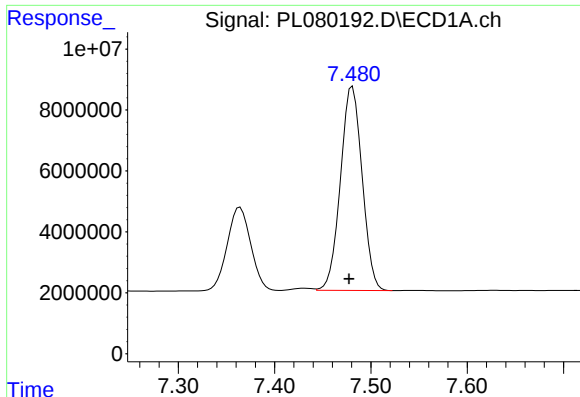
#20 Methoxychlor

R.T.: 7.364 min
Delta R.T.: 0.005 min
Response: 46469793
Conc: 52.26 ng/ml



#20 Methoxychlor

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 55784255
Conc: 48.67 ng/ml



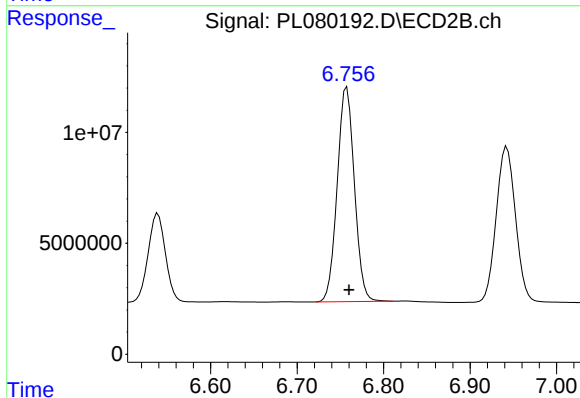
#21 Endrin ketone

R.T.: 7.481 min
Delta R.T.: 0.004 min
Response: 104550379
Conc: 58.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

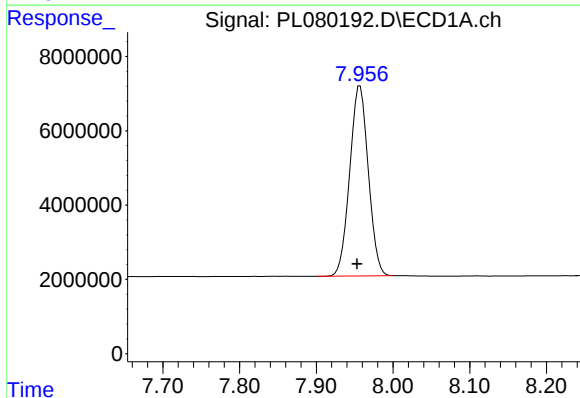
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



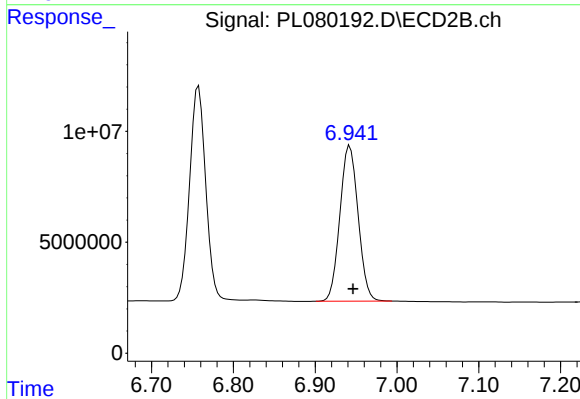
#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 132621490
Conc: 54.42 ng/ml



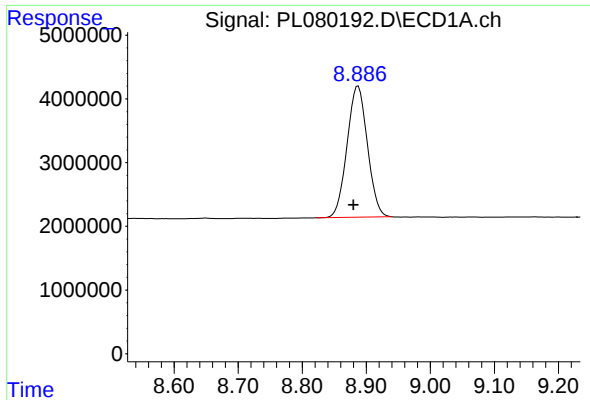
#22 Mirex

R.T.: 7.957 min
Delta R.T.: 0.004 min
Response: 86661338
Conc: 55.89 ng/ml



#22 Mirex

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 108005986
Conc: 52.33 ng/ml



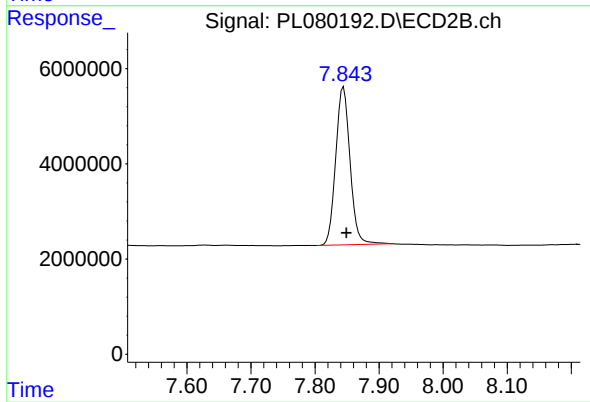
#28 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: 0.008 min
Response: 45381835
Conc: 26.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150115BSD

Manual Integrations
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Supervised By :Ankita Jodhani 01/10/2023



#28 Decachlorobiphenyl

R.T.: 7.845 min
Delta R.T.: -0.004 min
Response: 51706195
Conc: 22.89 ng/ml