

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 15:41
 Operator : AR\AJ
 Sample : PB150893BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150893BS

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 20:48:33 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...	3.352	2.689	48863061	47115920	22.782	21.451
28)	SA Decachlor...	8.789	7.832	39777939	47530204	22.720	19.949
Target Compounds							
2)	A alpha-BHC	3.801	3.189	165.0E6	156.5E6	52.078	49.209
3)	MA gamma-BHC...	4.129	3.517	153.4E6	147.6E6	52.195	49.400
4)	MA Heptachlor	4.713	3.858	153.6E6	153.4E6	51.978	48.188
5)	MB Aldrin	5.051	4.137	142.3E6	143.6E6	52.017	48.700
6)	B beta-BHC	4.325	3.813	67467418	64662375	49.426	48.450
7)	B delta-BHC	4.568	4.043	139.6E6	130.7E6	48.223	45.322
8)	B Heptachlo...	5.476	4.638	133.4E6	134.6E6	51.581	48.374
9)	A Endosulfan I	5.857	5.008	120.5E6	121.7E6	51.027	46.767
10)	B gamma-Chl...	5.730	4.888	131.6E6	136.9E6	52.100	48.318m
11)	B alpha-Chl...	5.809	4.953	129.9E6	132.7E6	51.461	46.337
12)	B 4,4'-DDE	5.987	5.144	116.0E6	117.5E6	52.099	49.834m
13)	MA Dieldrin	6.132	5.271	124.2E6	129.6E6	51.878	47.895m
14)	MA Endrin	6.359	5.547	109.8E6	113.1E6	50.788	48.723
15)	B Endosulfa...	6.577	5.841	101.8E6	104.1E6	44.413	49.975
16)	A 4,4'-DDD	6.501	5.699	98549116	99679142	53.794	53.043
17)	MA 4,4'-DDT	6.814	5.951	92741433	94407011	44.637	44.924
18)	B Endrin al...	6.707	6.021	82868512	85551466	49.819	46.849
19)	B Endosulfa...	6.941	6.244	103.1E6	108.3E6	49.831	46.559
20)	A Methoxychlor	7.292	6.528	50347994	53927696	45.634	44.441
21)	B Endrin ke...	7.421	6.749	110.3E6	121.4E6	50.002	47.565
22)	Mirex	7.893	6.932	84210219	101.4E6	48.965	44.533

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 15:41
Operator : AR\AJ
Sample : PB150893BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

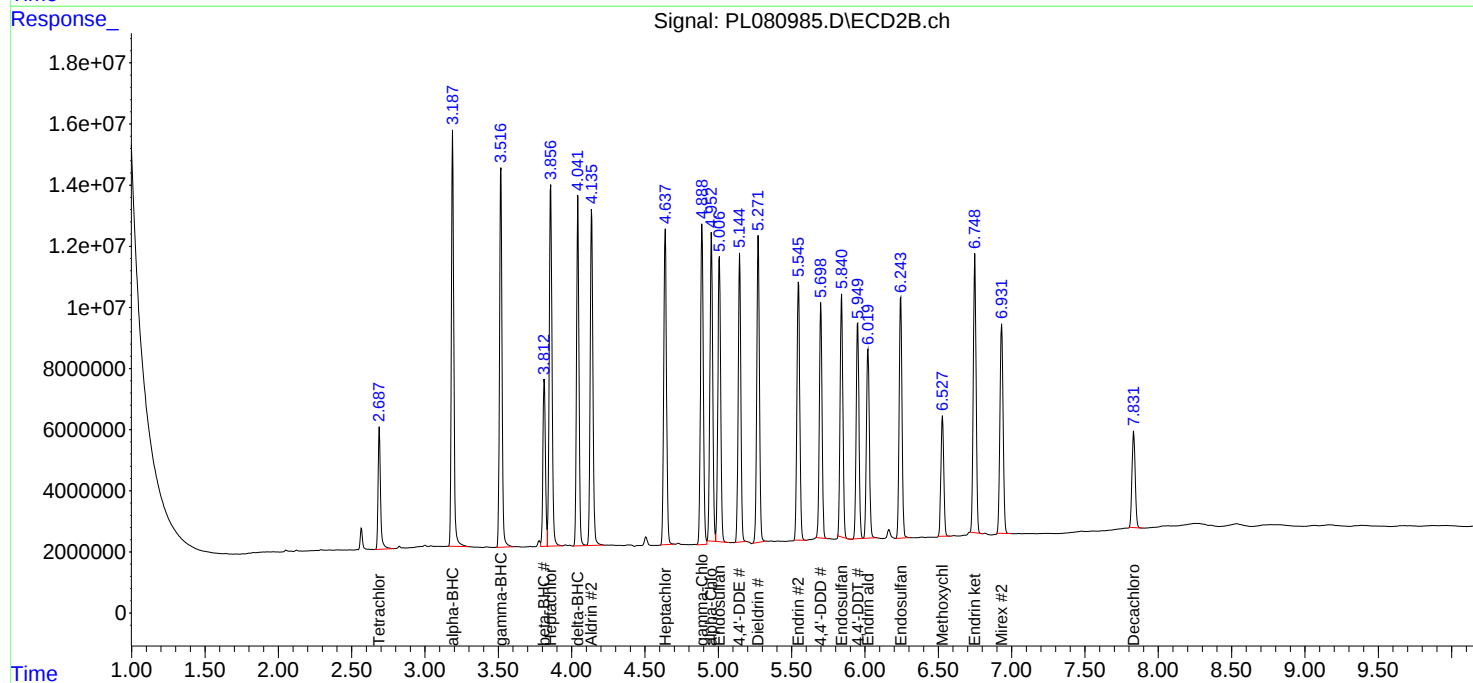
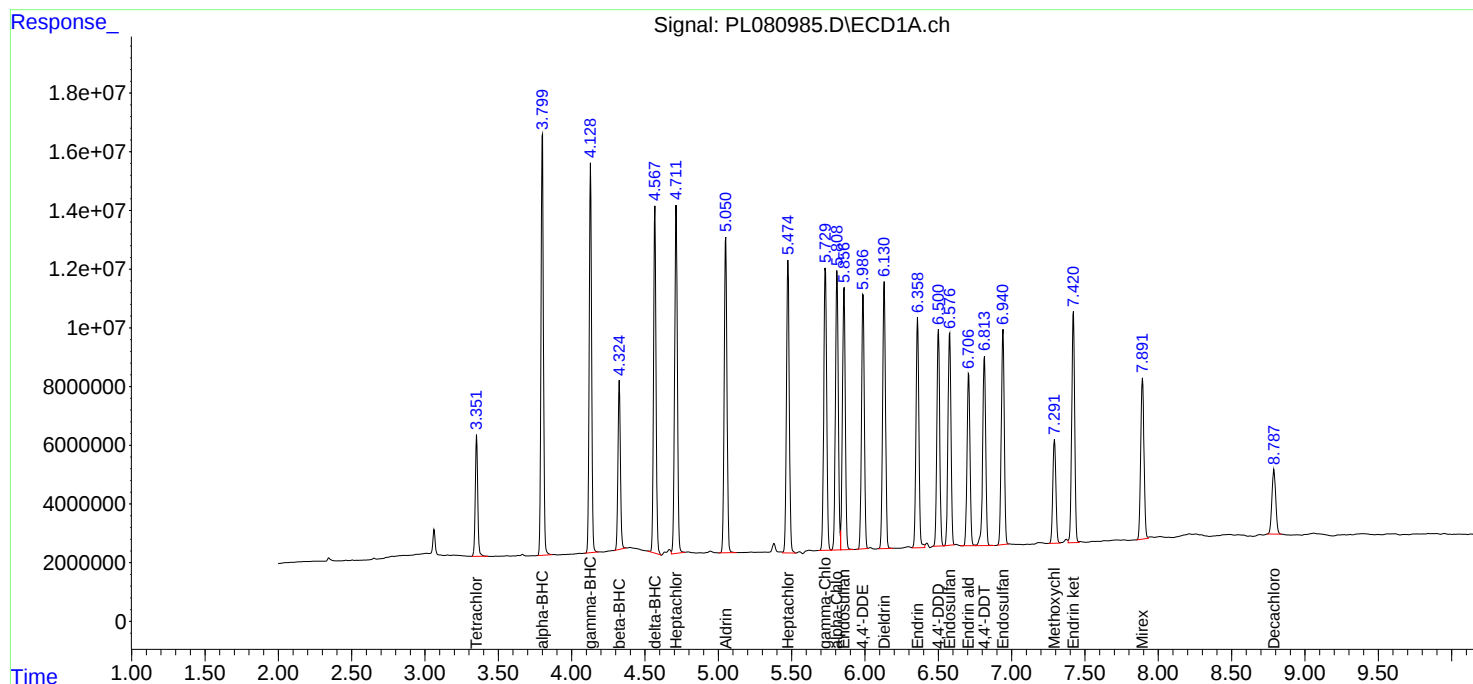
Instrument :
ECD_L
ClientSampleId :
PB150893BS

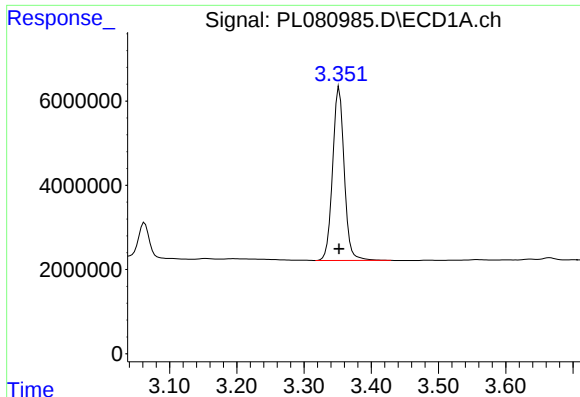
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:48:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





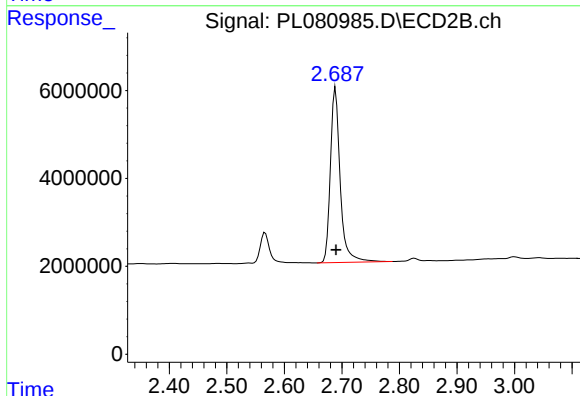
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 48863061
Conc: 22.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

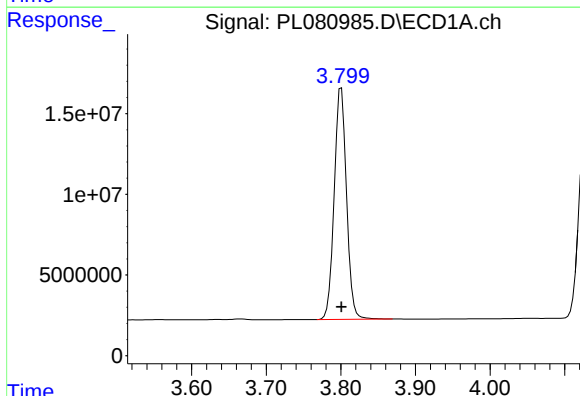
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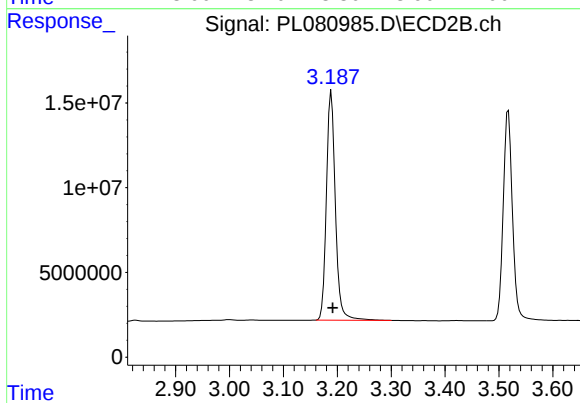
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 47115920
Conc: 21.45 ng/ml



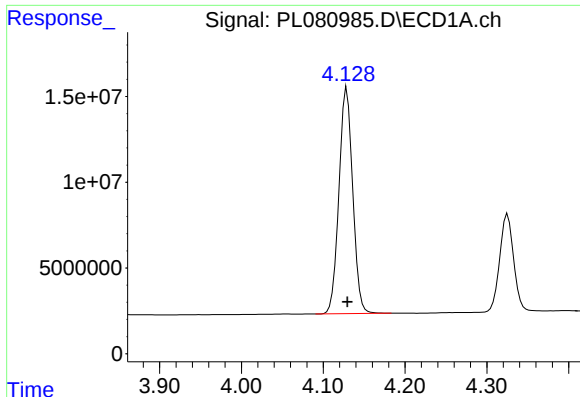
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 164985262
Conc: 52.08 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 156505098
Conc: 49.21 ng/ml



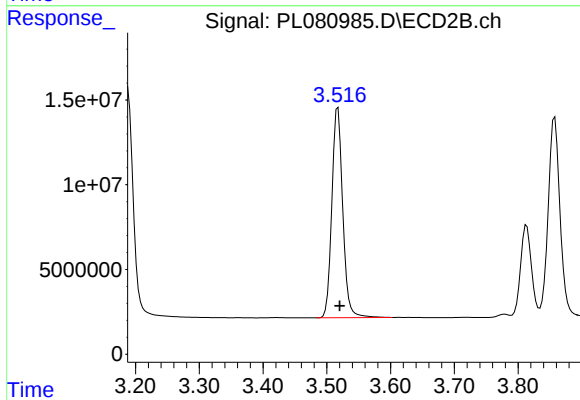
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 153441394
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

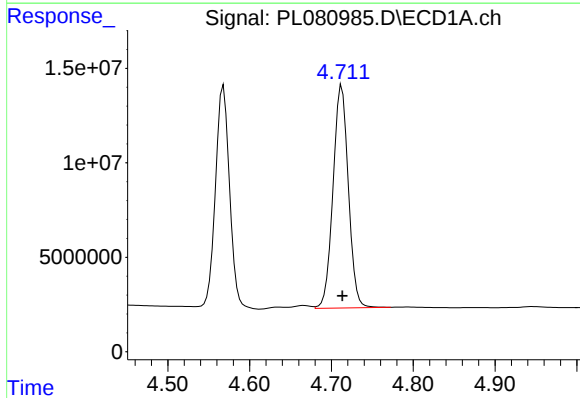
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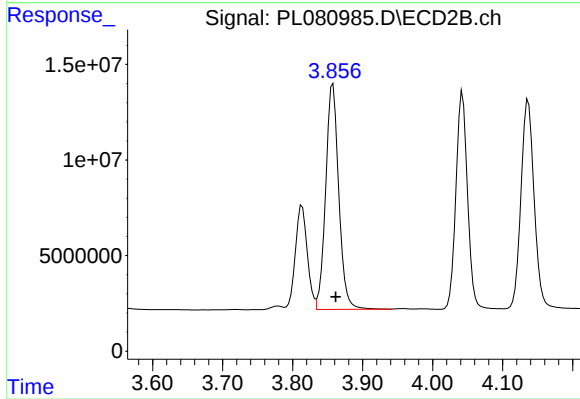
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 147574249
Conc: 49.40 ng/ml



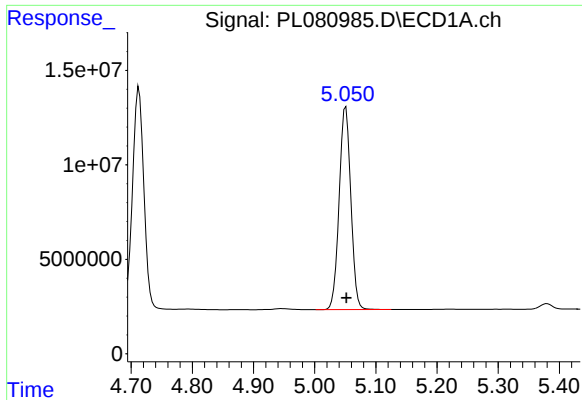
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 153607147
Conc: 51.98 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 153350114
Conc: 48.19 ng/ml



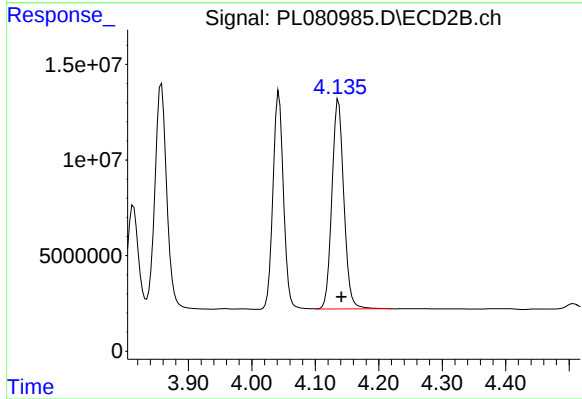
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 142306414
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

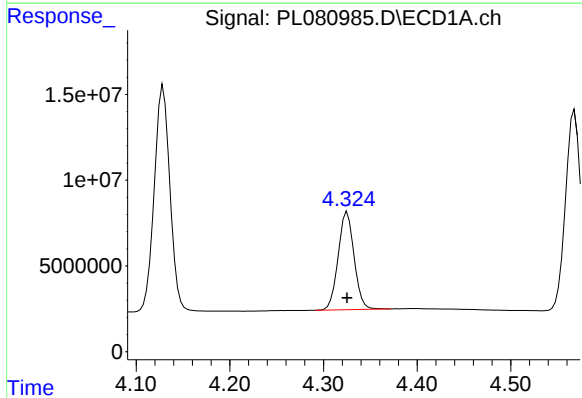
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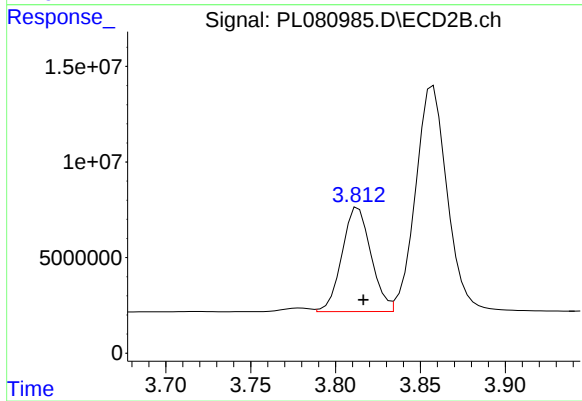
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 143645364
Conc: 48.70 ng/ml



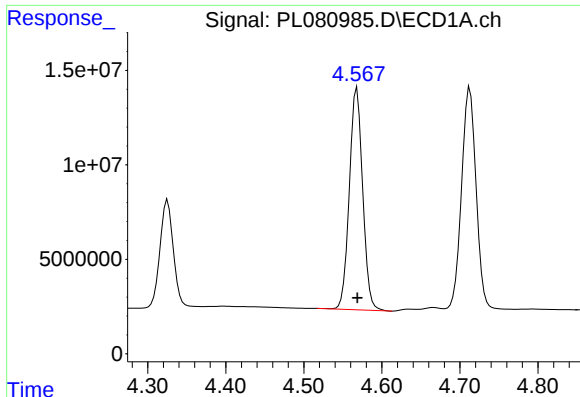
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 67467418
Conc: 49.43 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 64662375
Conc: 48.45 ng/ml



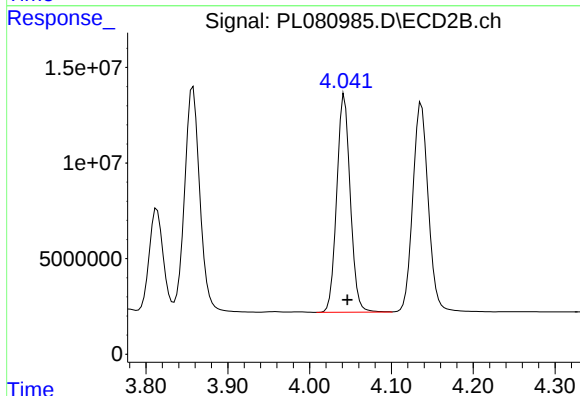
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 139604556
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

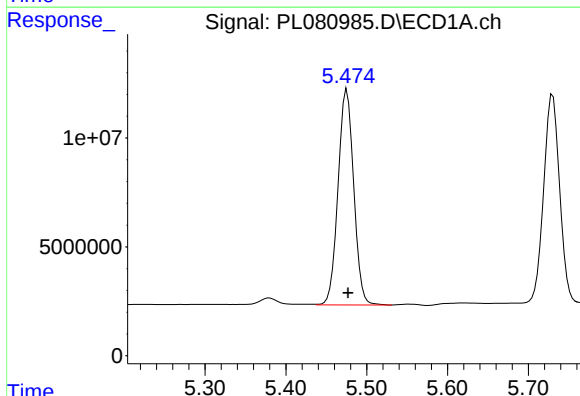
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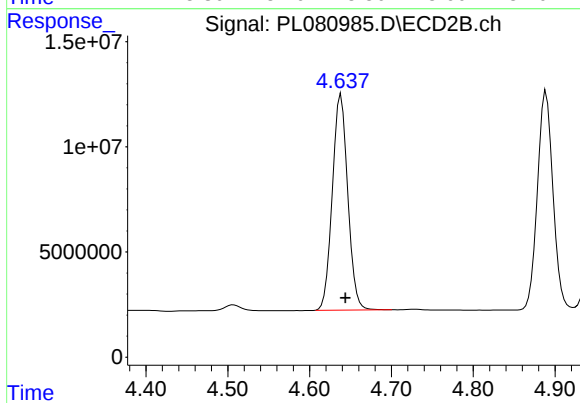
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 130728709
Conc: 45.32 ng/ml



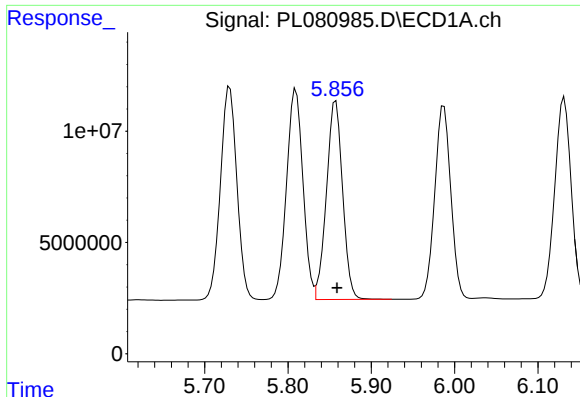
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: -0.002 min
Response: 133443658
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 134592099
Conc: 48.37 ng/ml



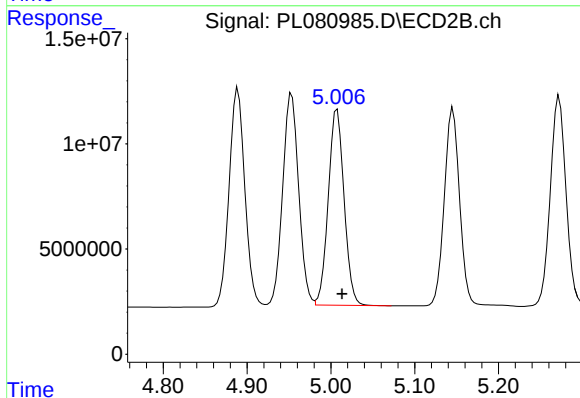
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 120497857
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

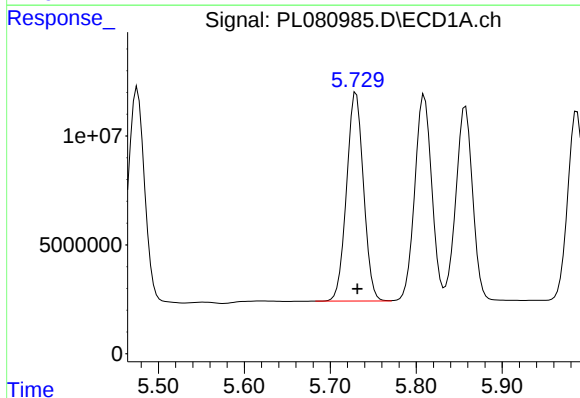
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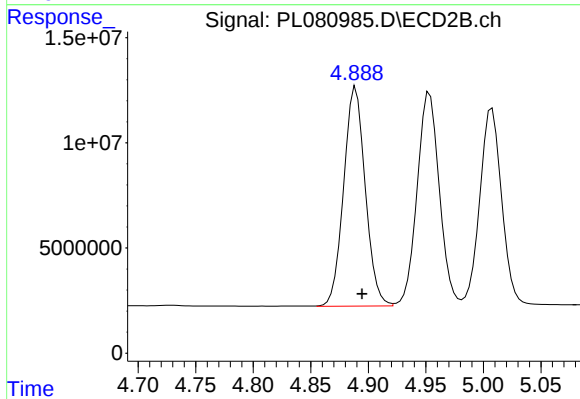
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 121655982
Conc: 46.77 ng/ml



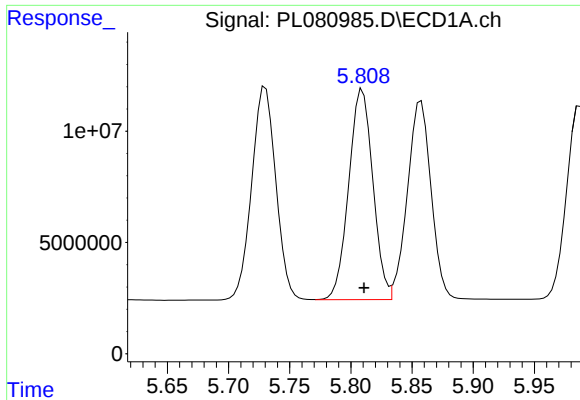
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 131589469
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 136945505
Conc: 48.32 ng/ml m



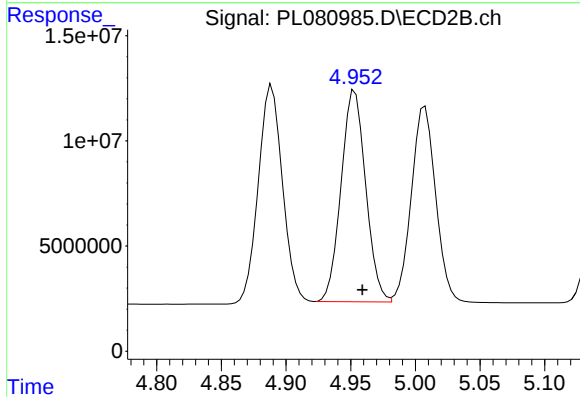
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.001 min
Response: 129901641
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

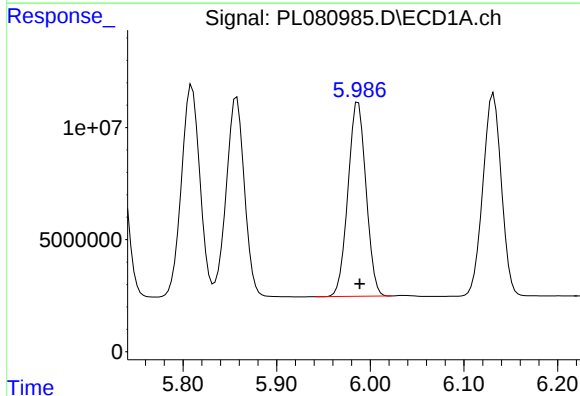
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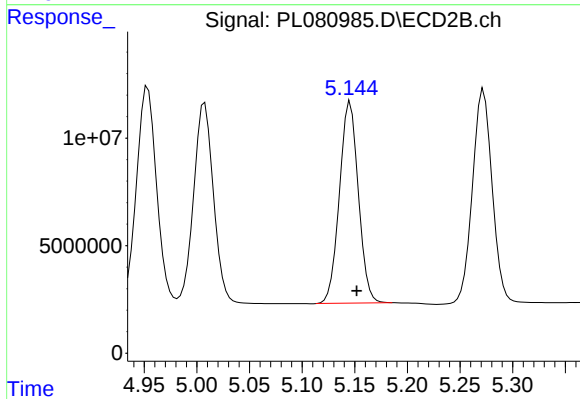
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 132739595
Conc: 46.34 ng/ml



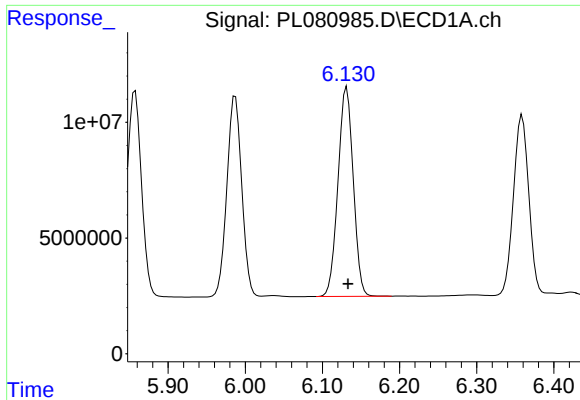
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 116042810
Conc: 52.10 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 117548993
Conc: 49.83 ng/ml m



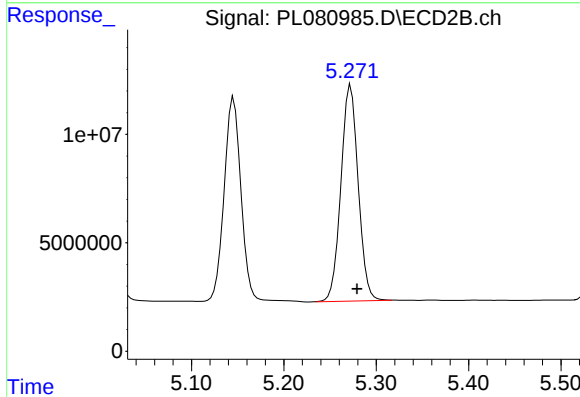
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 124163485
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

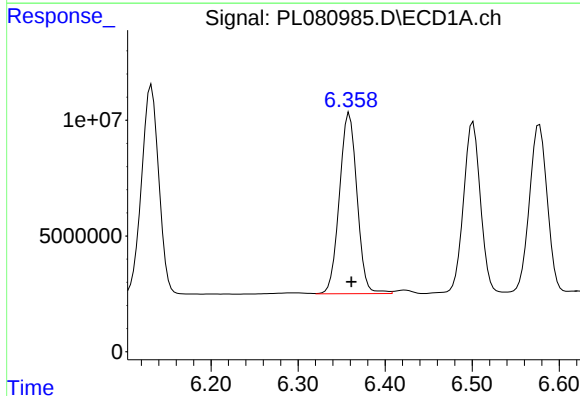
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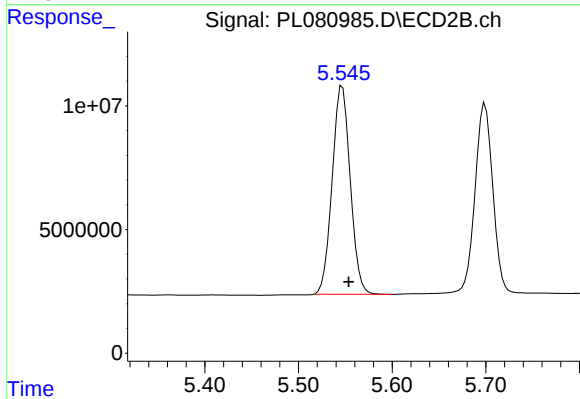
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.008 min
Response: 129554597
Conc: 47.90 ng/ml m



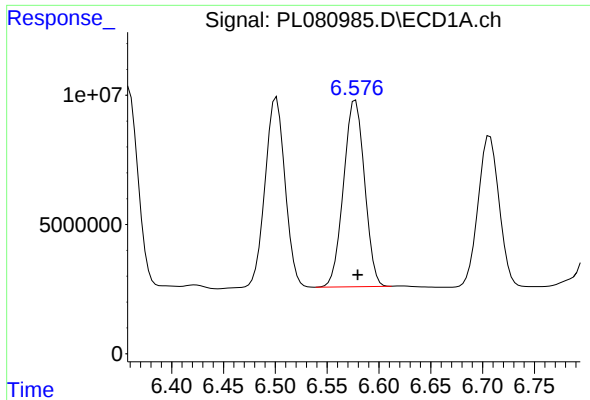
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 109838682
Conc: 50.79 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 113093701
Conc: 48.72 ng/ml



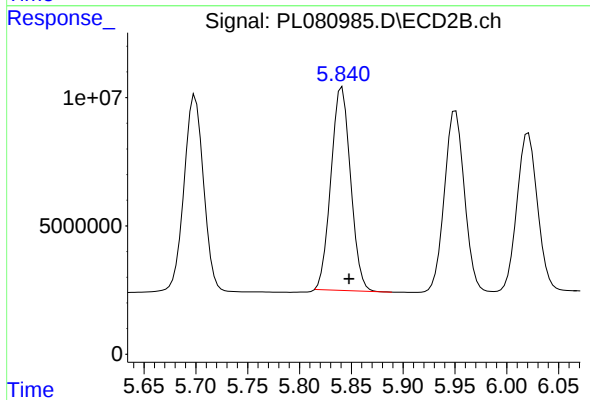
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 101808687
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

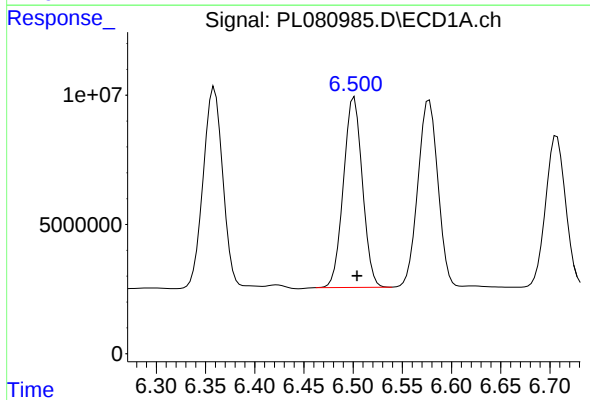
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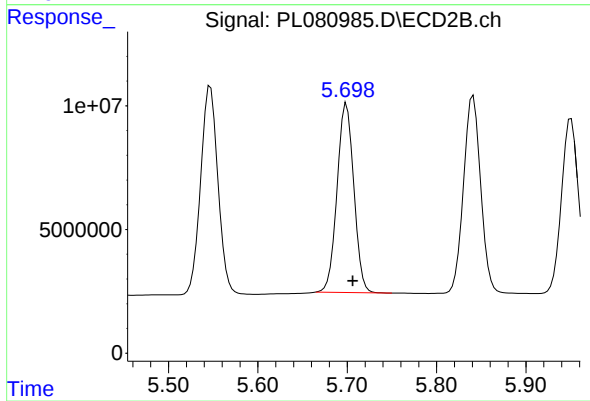
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.007 min
Response: 104134061
Conc: 49.97 ng/ml



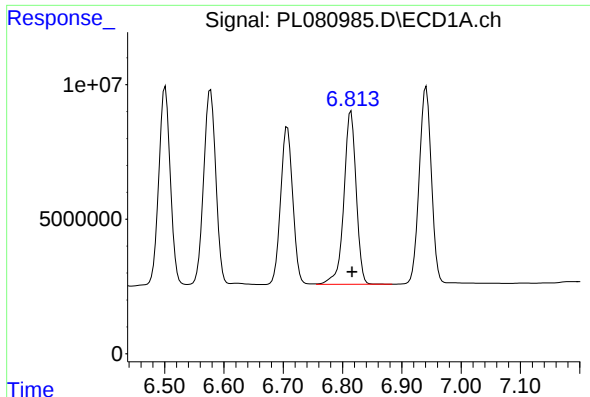
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 98549116
Conc: 53.79 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 99679142
Conc: 53.04 ng/ml



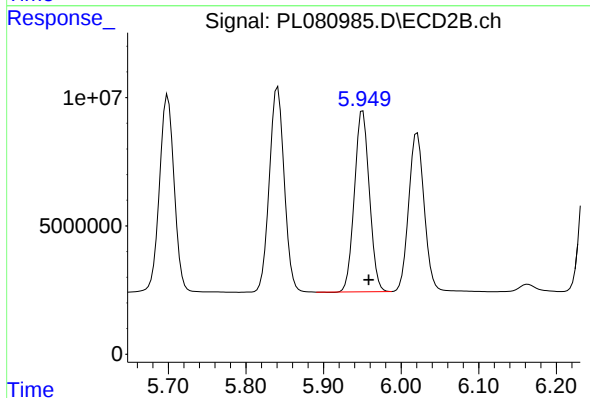
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 92741433
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

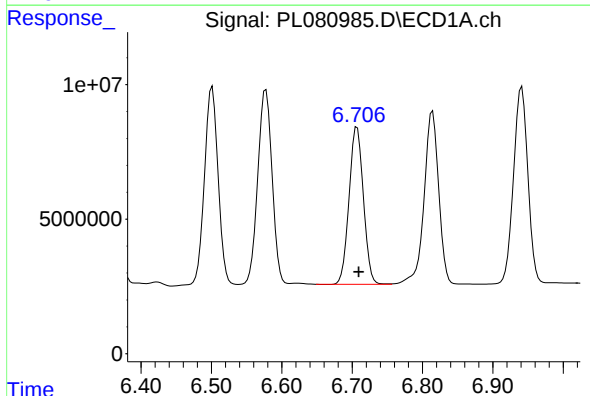
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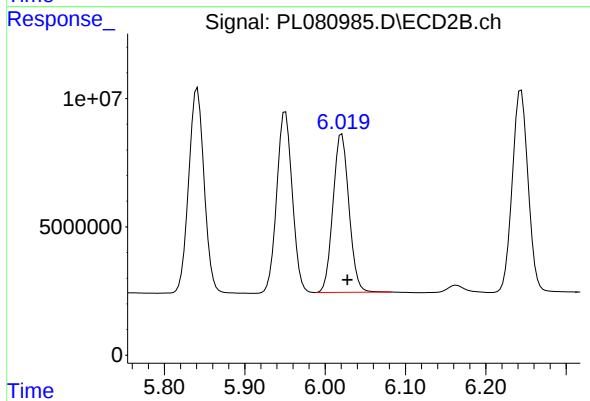
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.008 min
Response: 94407011
Conc: 44.92 ng/ml



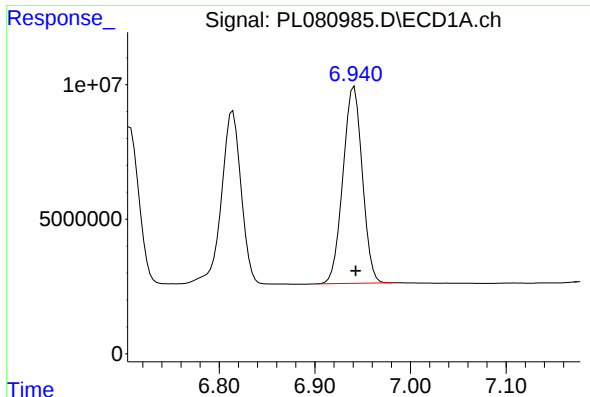
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 82868512
Conc: 49.82 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 85551466
Conc: 46.85 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 103145562
Conc: 49.83 ng/ml

Instrument :

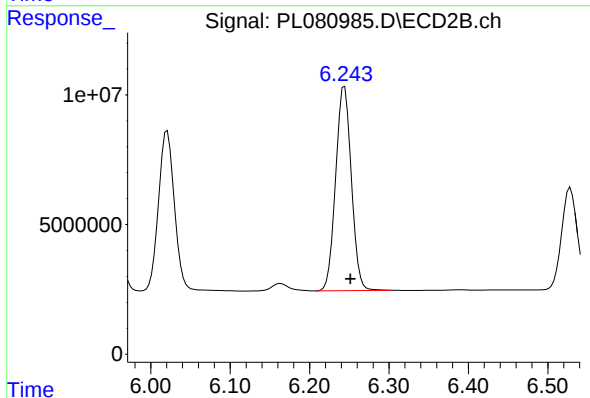
ECD_L

ClientSampleId :

PB150893BS

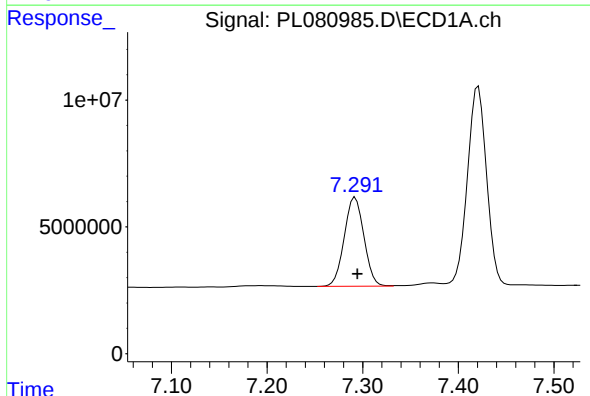
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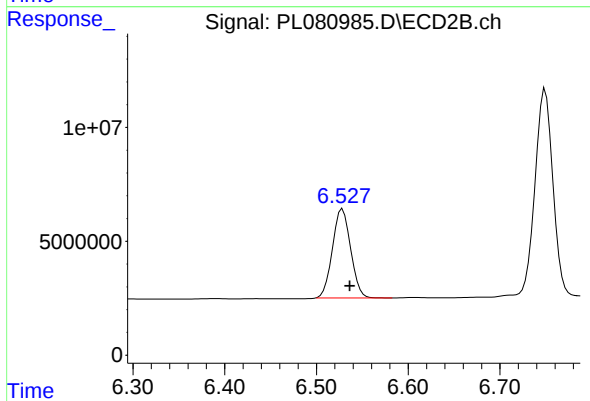
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 108281300
Conc: 46.56 ng/ml



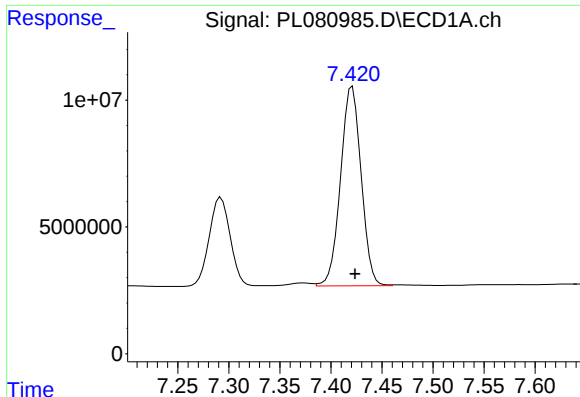
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 50347994
Conc: 45.63 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 53927696
Conc: 44.44 ng/ml



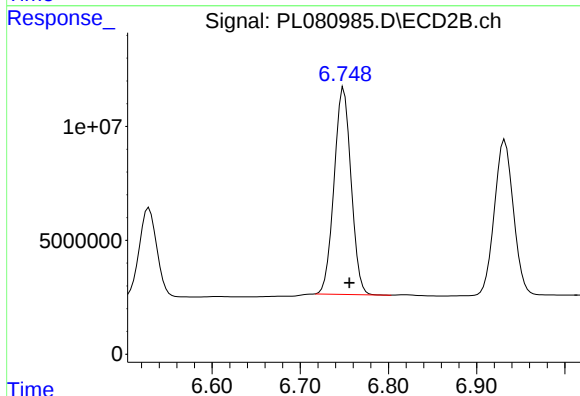
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 110321278
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

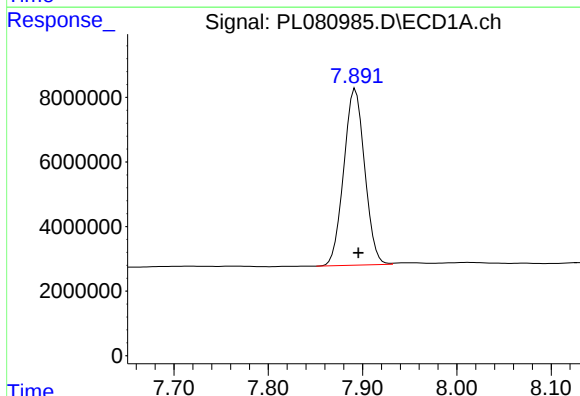
Manual Integrations
APPROVED

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



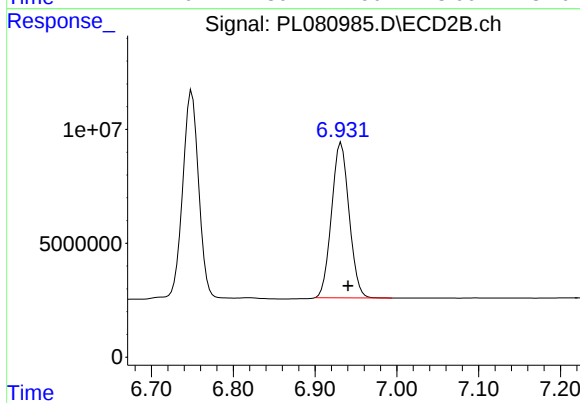
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 121443514
Conc: 47.56 ng/ml



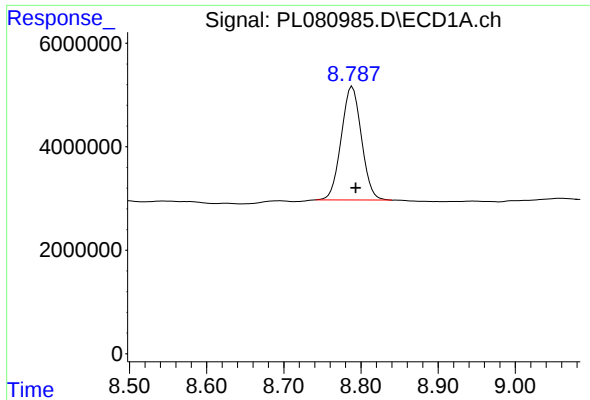
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 84210219
Conc: 48.97 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 101389478
Conc: 44.53 ng/ml



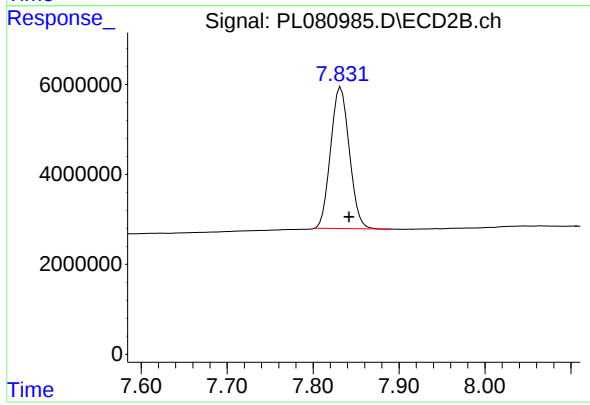
#28 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.004 min
Response: 39777939
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150893BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 47530204
Conc: 19.95 ng/ml