

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013123\
 Data File : PL080609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2023 10:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/01/2023
 Supervised By :Ankita Jodhani 02/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 14:30:09 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...	3.359	2.687	111.3E6	111.7E6	51.884	50.837
28)	SA Decachlor...	8.798	7.837	85177464	108.7E6	48.652	45.642
Target Compounds							
2)	A alpha-BHC	3.807	3.188	169.9E6	162.1E6	53.628	50.975
3)	MA gamma-BHC...	4.136	3.517	157.1E6	151.1E6	53.432	50.597
4)	MA Heptachlor	4.720	3.858	154.6E6	156.6E6	52.321	49.214
5)	MB Aldrin	5.058	4.137	139.3E6	146.1E6	50.900	49.539
6)	B beta-BHC	4.332	3.813	67728672	65550180	49.617	49.115
7)	B delta-BHC	4.575	4.042	154.0E6	145.1E6	53.183	50.301
8)	B Heptachlo...	5.483	4.640	128.8E6	134.3E6	49.772	48.255
9)	A Endosulfan I	5.864	5.009	117.6E6	123.1E6	49.802	47.306
10)	B gamma-Chl...	5.737	4.890	128.1E6	137.1E6	50.722	48.370m
11)	B alpha-Chl...	5.816	4.954	126.4E6	134.0E6	50.077	46.784
12)	B 4,4'-DDE	5.994	5.148	111.6E6	113.4E6	50.113	48.065
13)	MA Dieldrin	6.138	5.274	121.0E6	129.4E6	50.565	47.838
14)	MA Endrin	6.365	5.549	107.3E6	112.2E6	49.605	48.320
15)	B Endosulfa...	6.584	5.843	103.5E6	106.1E6	45.152	50.896
16)	A 4,4'-DDD	6.508	5.702	94690610	92468955	51.687	49.207
17)	MA 4,4'-DDT	6.820	5.954	99500373	100.2E6	47.890	47.657
18)	B Endrin al...	6.714	6.023	81109730	85060660	48.761	46.580
19)	B Endosulfa...	6.947	6.247	103.0E6	110.2E6	49.772	47.385
20)	A Methoxychlor	7.300	6.532	52537097	53541791	47.619	44.123
21)	B Endrin ke...	7.427	6.752	112.0E6	122.6E6	50.768	48.007
22)	Mirex	7.899	6.935	83615707	106.0E6	48.620	46.557

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

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 Acq On : 31 Jan 2023 10:02
 Operator : AR\AJ
 Sample : PSTDCCC050
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Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

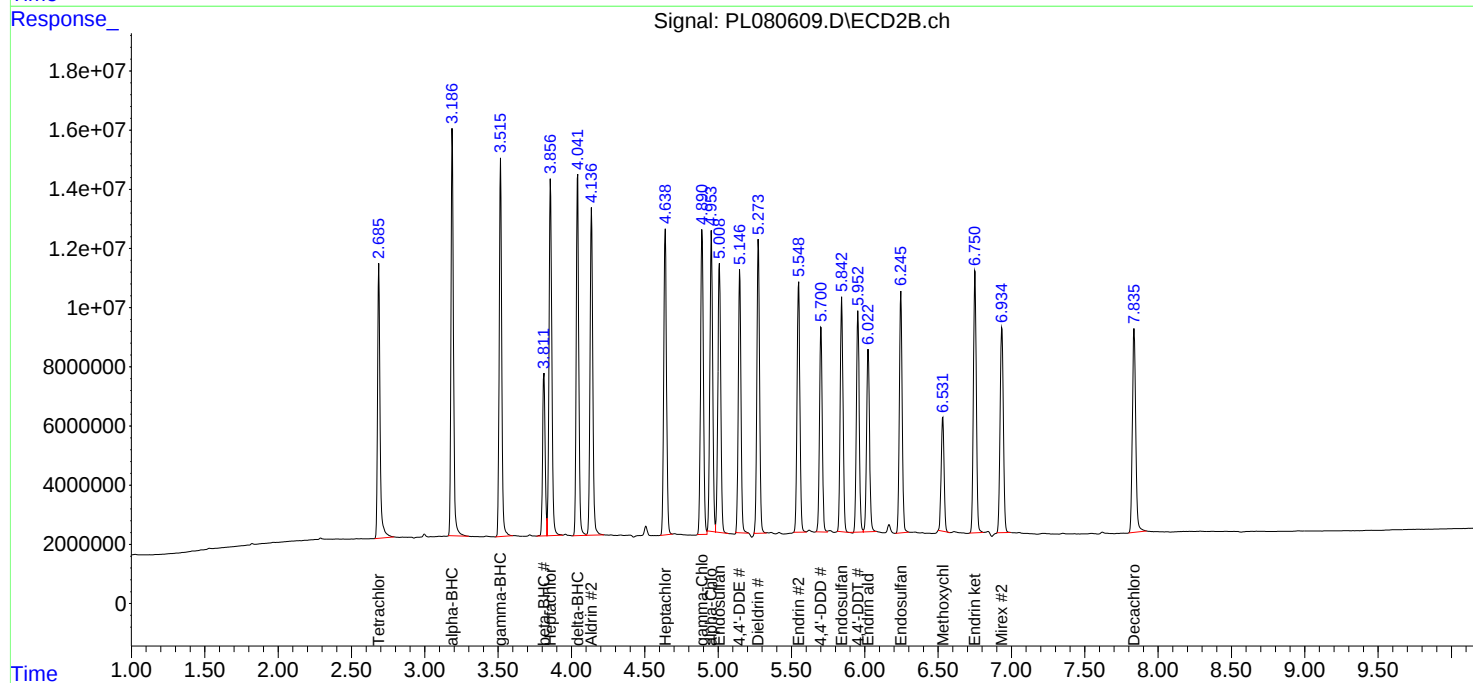
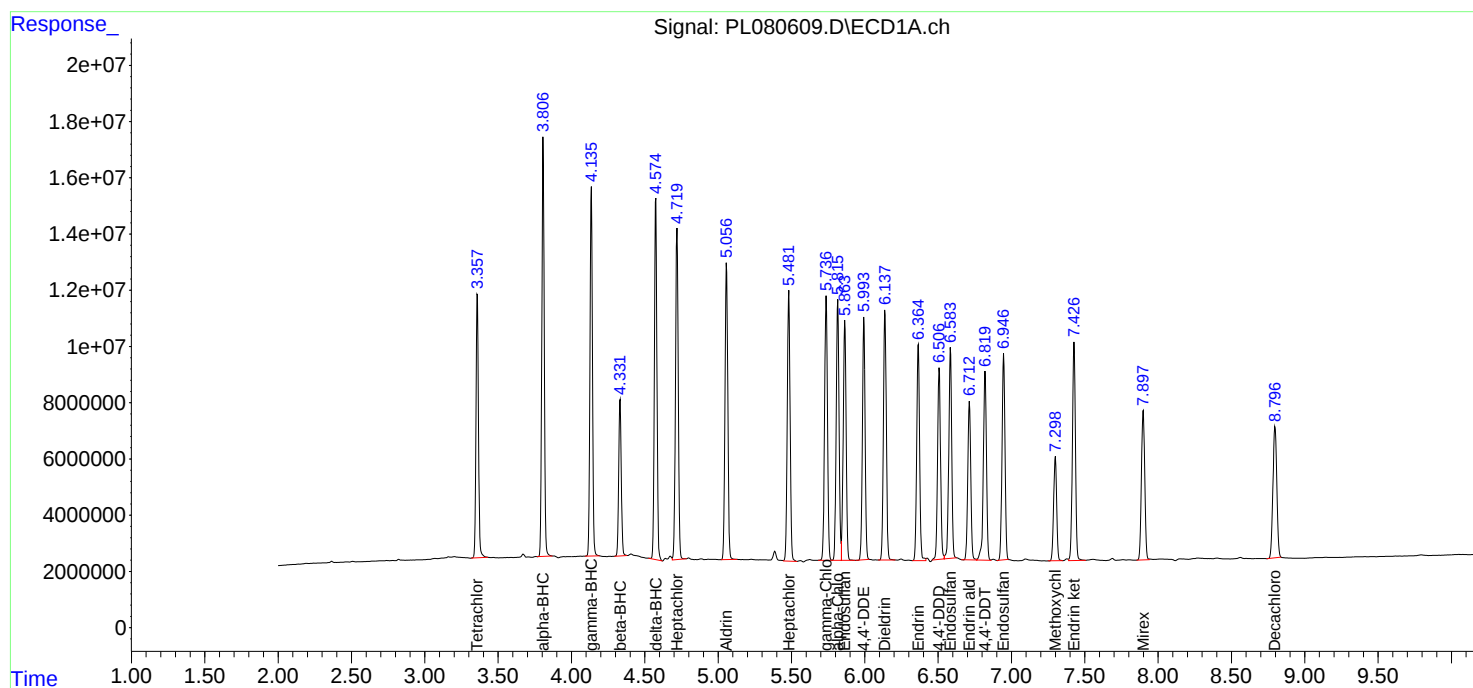
Manual Integrations

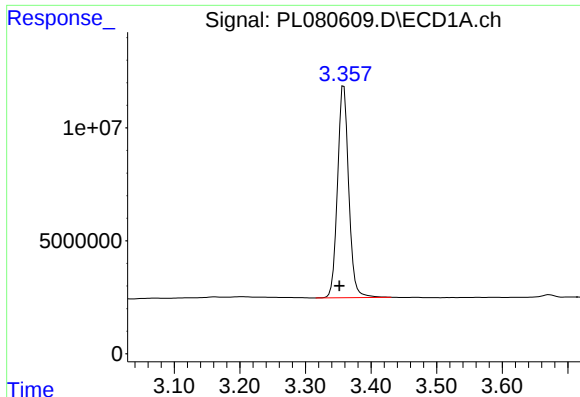
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 14:30:09 2023
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 111283421
Conc: 51.88 ng/ml

Instrument :

ECD_L

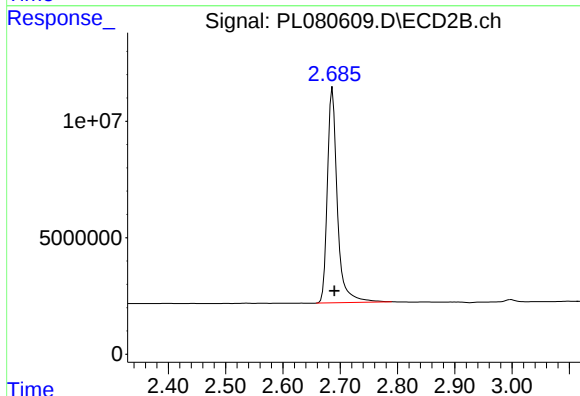
ClientSampleId :

PSTDCCC050

Manual Integrations

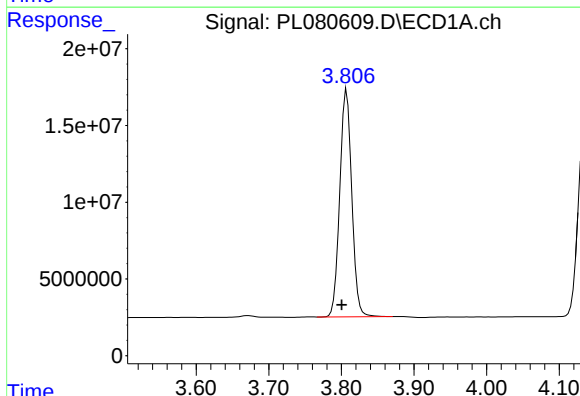
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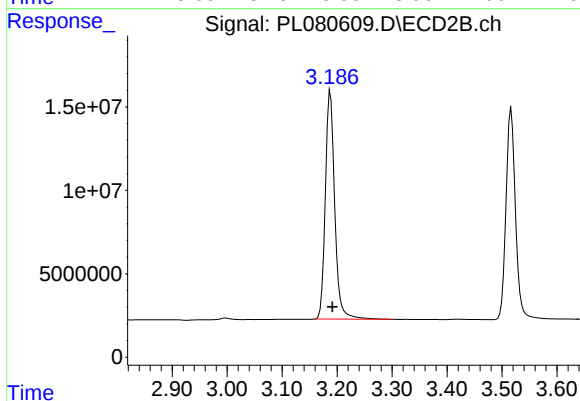
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 111662021
Conc: 50.84 ng/ml



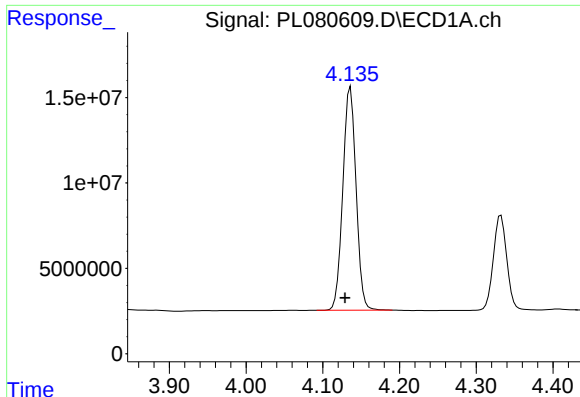
#2 alpha-BHC

R.T.: 3.807 min
Delta R.T.: 0.007 min
Response: 169894107
Conc: 53.63 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.004 min
Response: 162120321
Conc: 50.97 ng/ml



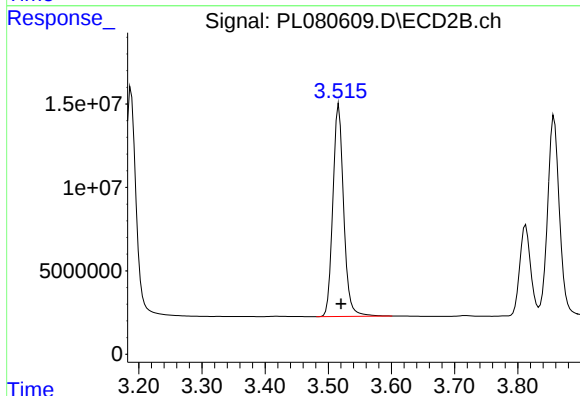
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.007 min
Response: 157078353
Conc: 53.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

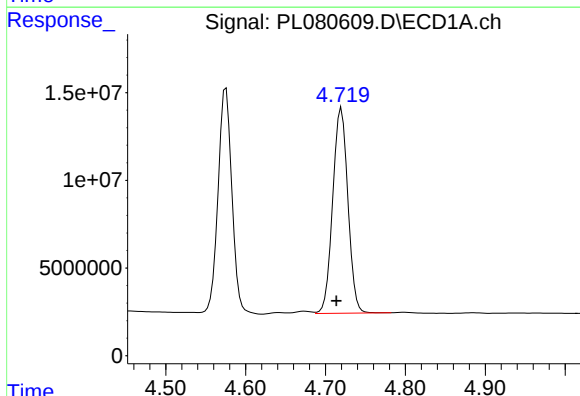
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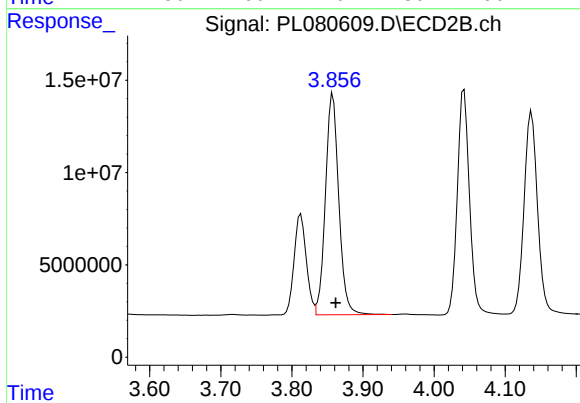
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.004 min
Response: 151148839
Conc: 50.60 ng/ml



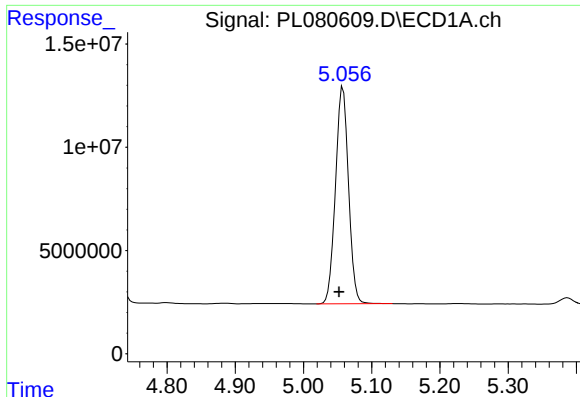
#4 Heptachlor

R.T.: 4.720 min
Delta R.T.: 0.007 min
Response: 154620574
Conc: 52.32 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 156617298
Conc: 49.21 ng/ml



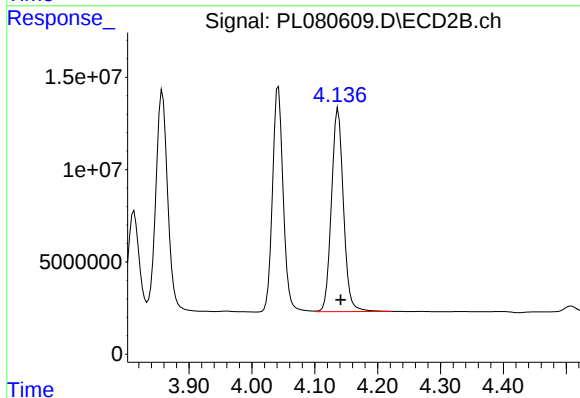
#5 Aldrin

R.T.: 5.058 min
Delta R.T.: 0.006 min
Response: 139250554
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

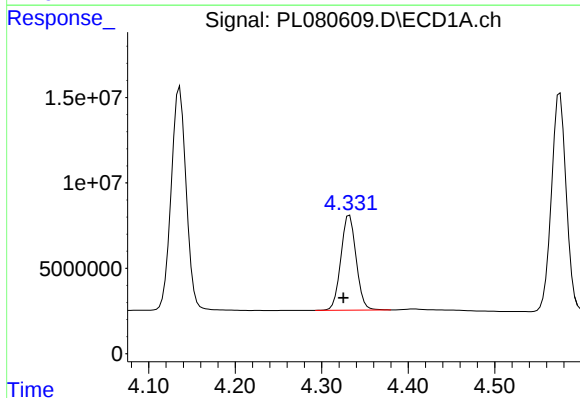
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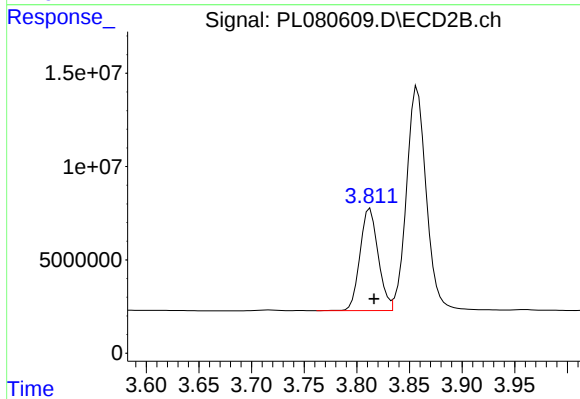
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 146117875
Conc: 49.54 ng/ml



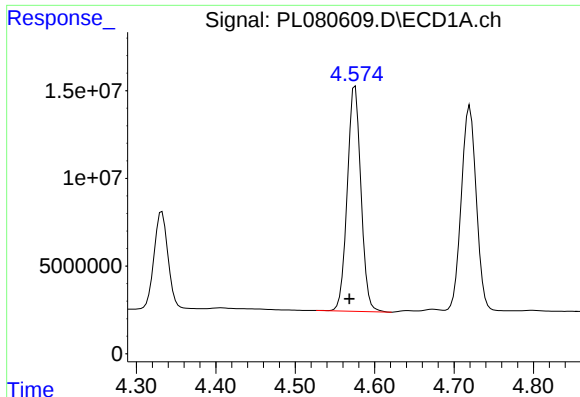
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.007 min
Response: 67728672
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 65550180
Conc: 49.11 ng/ml



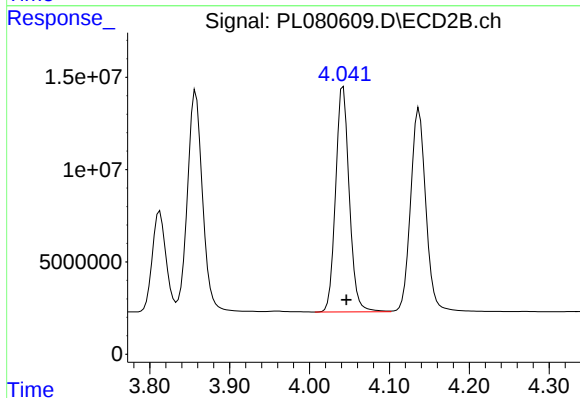
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.007 min
Response: 153965498
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

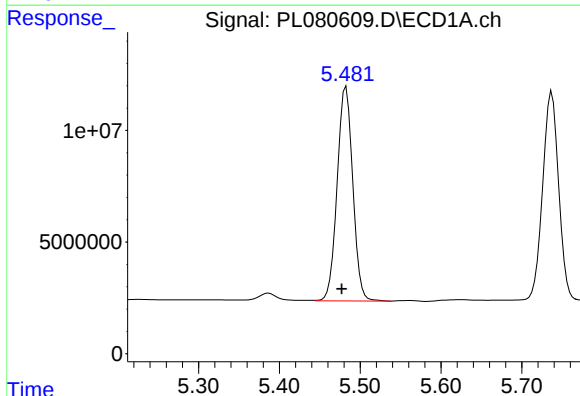
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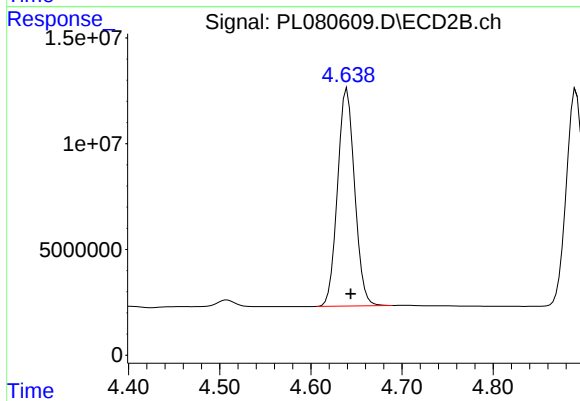
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 145088765
Conc: 50.30 ng/ml



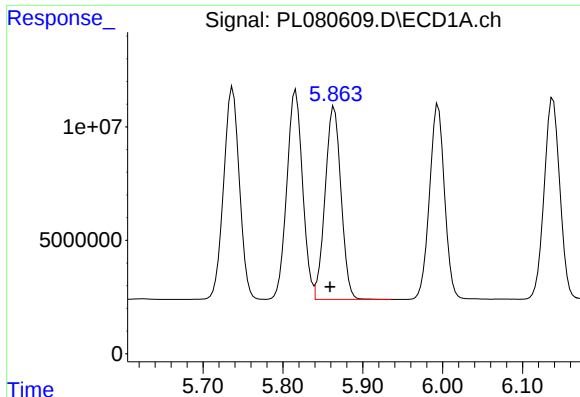
#8 Heptachlor epoxide

R.T.: 5.483 min
Delta R.T.: 0.005 min
Response: 128763897
Conc: 49.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 134260564
Conc: 48.25 ng/ml



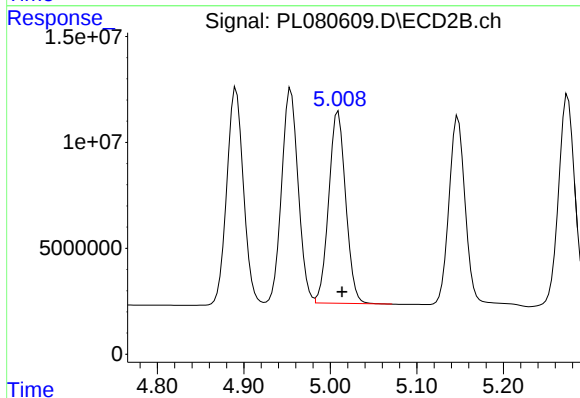
#9 Endosulfan I

R.T.: 5.864 min
Delta R.T.: 0.005 min
Response: 117605109
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

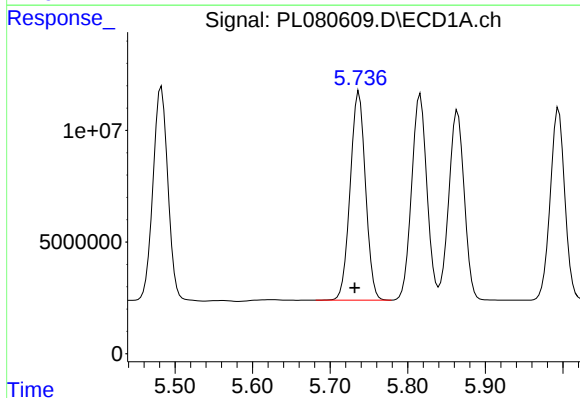
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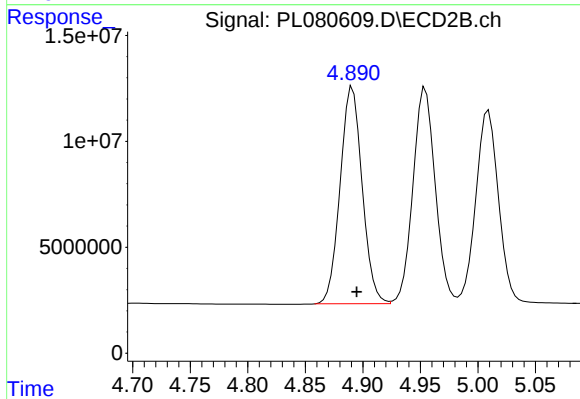
#9 Endosulfan I

R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 123059600
Conc: 47.31 ng/ml



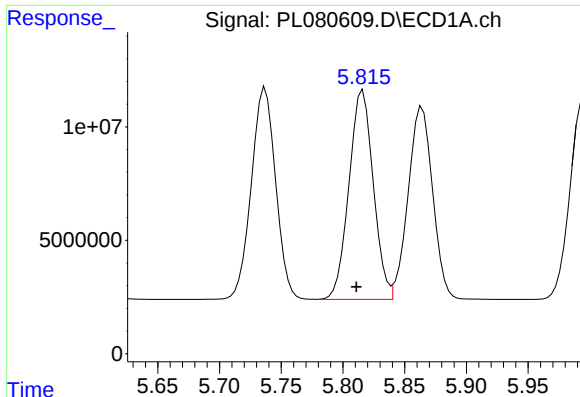
#10 gamma-Chlordane

R.T.: 5.737 min
Delta R.T.: 0.005 min
Response: 128108724
Conc: 50.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 137092102
Conc: 48.37 ng/ml m



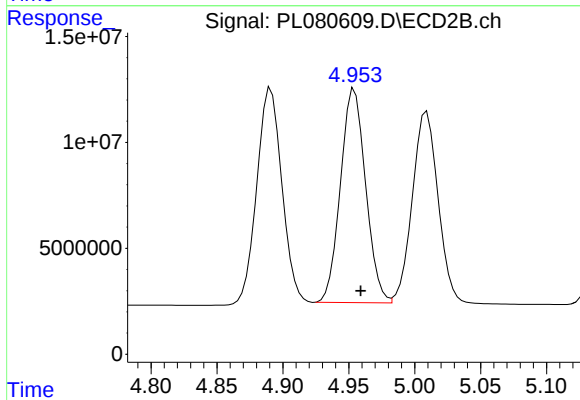
#11 alpha-Chlordane

R.T.: 5.816 min
Delta R.T.: 0.005 min
Response: 126407293
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

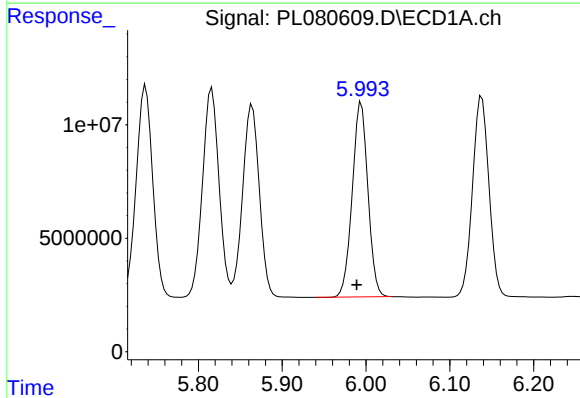
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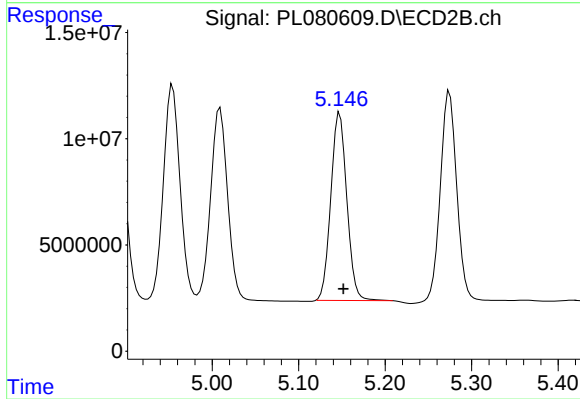
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 134022531
Conc: 46.78 ng/ml



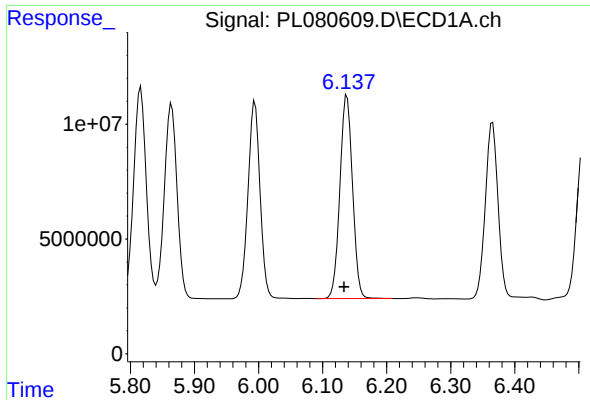
#12 4,4'-DDE

R.T.: 5.994 min
Delta R.T.: 0.005 min
Response: 111618642
Conc: 50.11 ng/ml



#12 4,4'-DDE

R.T.: 5.148 min
Delta R.T.: -0.004 min
Response: 113377021
Conc: 48.06 ng/ml



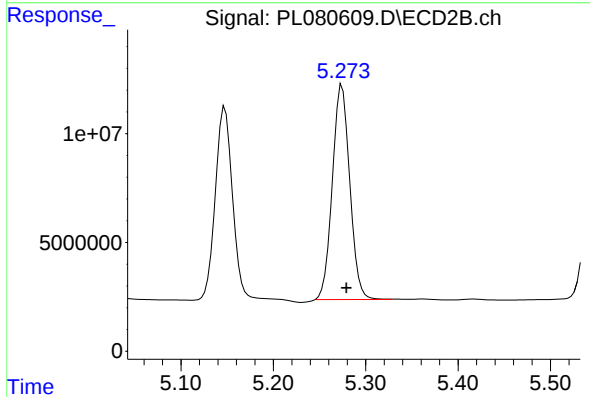
#13 Dieldrin

R.T.: 6.138 min
Delta R.T.: 0.005 min
Response: 121020879
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

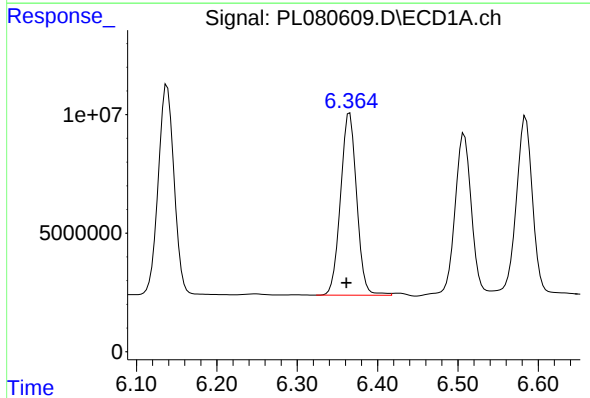
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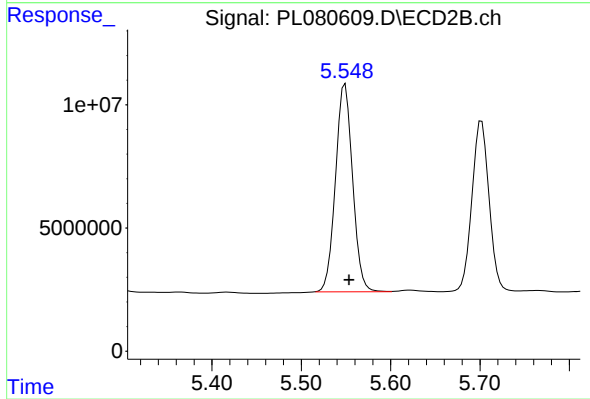
#13 Dieldrin

R.T.: 5.274 min
Delta R.T.: -0.005 min
Response: 129401433
Conc: 47.84 ng/ml



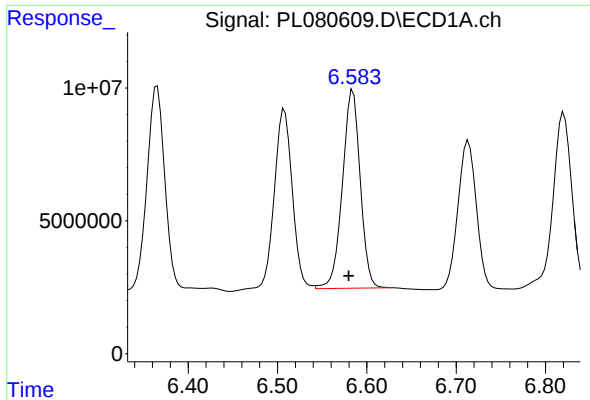
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 107281453
Conc: 49.61 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 112159203
Conc: 48.32 ng/ml



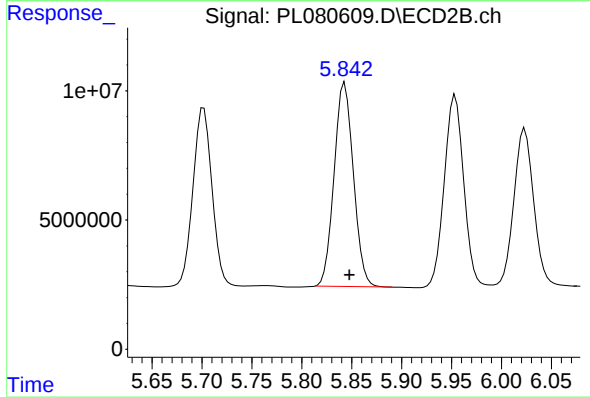
#15 Endosulfan II

R.T.: 6.584 min
Delta R.T.: 0.005 min
Response: 103502607
Conc: 45.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

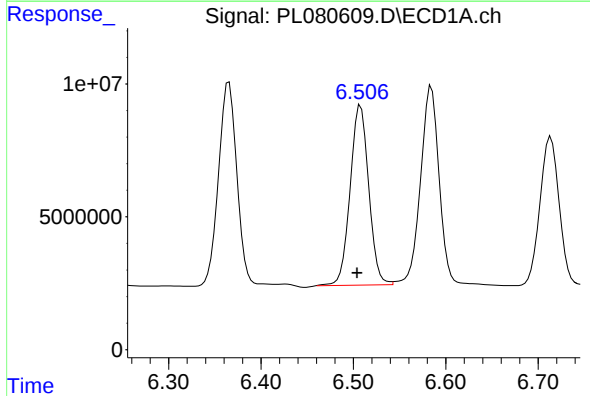
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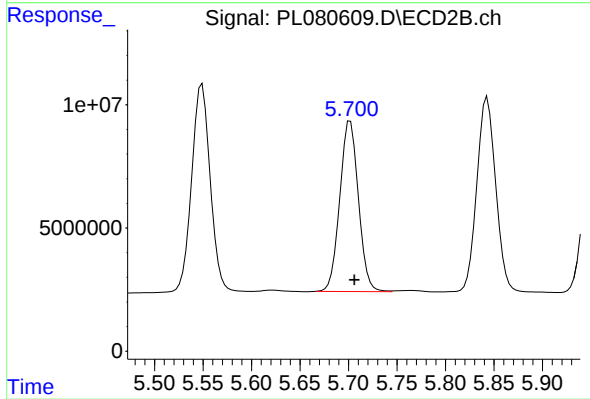
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 106053337
Conc: 50.90 ng/ml



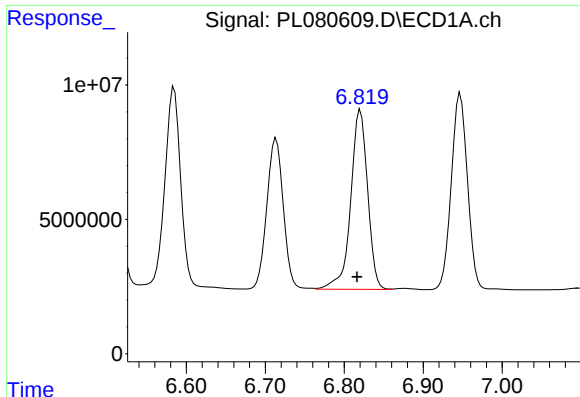
#16 4,4'-DDD

R.T.: 6.508 min
Delta R.T.: 0.004 min
Response: 94690610
Conc: 51.69 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 92468955
Conc: 49.21 ng/ml



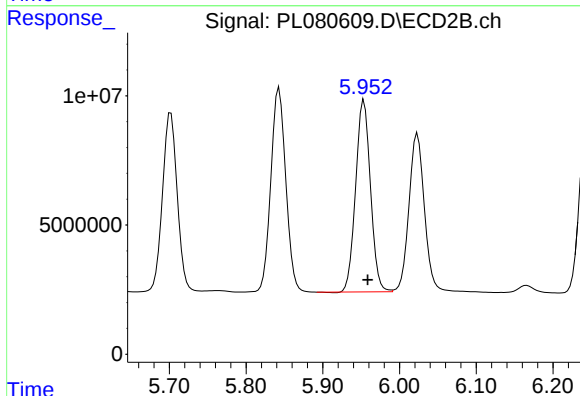
#17 4,4'-DDT

R.T.: 6.820 min
Delta R.T.: 0.004 min
Response: 99500373
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

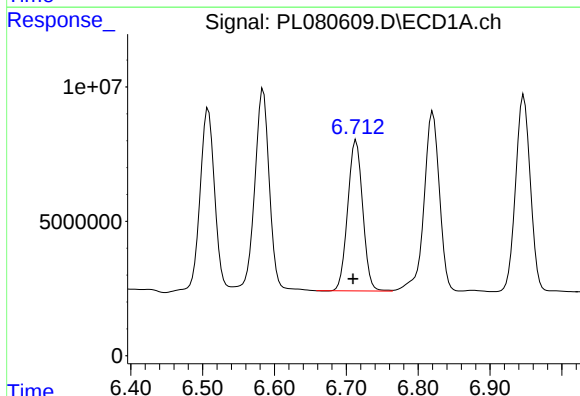
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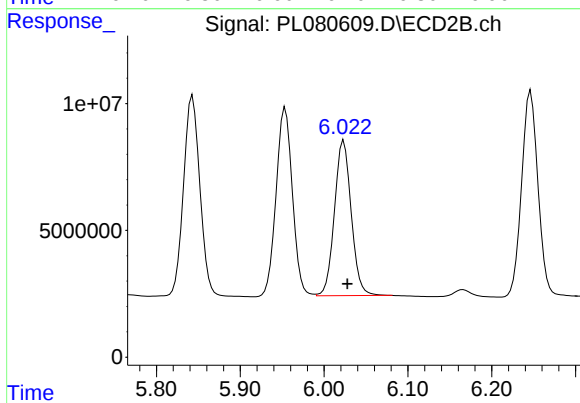
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 100151481
Conc: 47.66 ng/ml



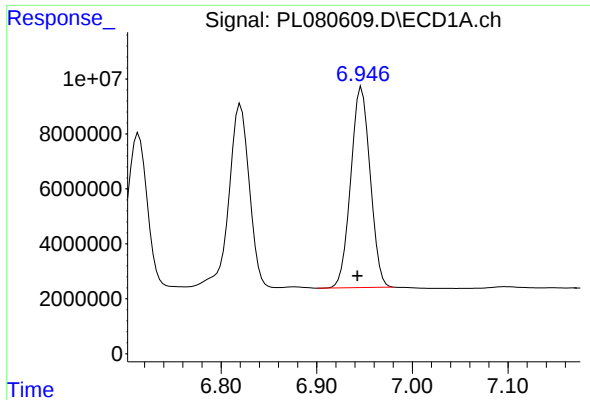
#18 Endrin aldehyde

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 81109730
Conc: 48.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.004 min
Response: 85060660
Conc: 46.58 ng/ml



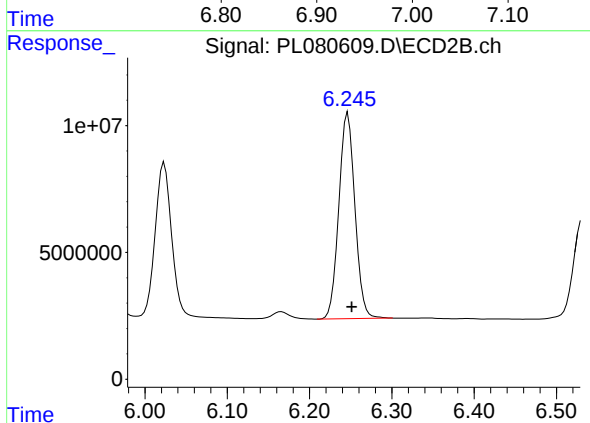
#19 Endosulfan Sulfate

R.T.: 6.947 min
Delta R.T.: 0.004 min
Response: 103023214
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

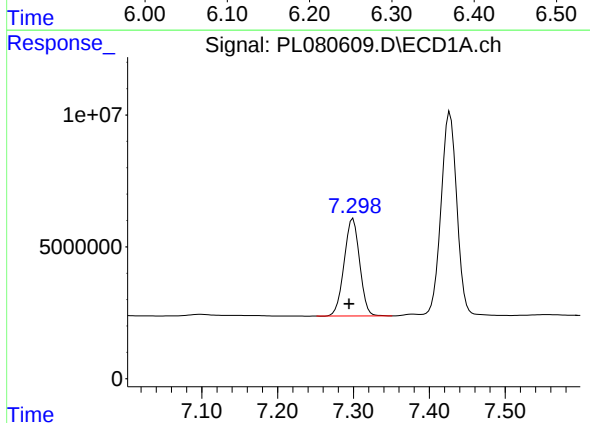
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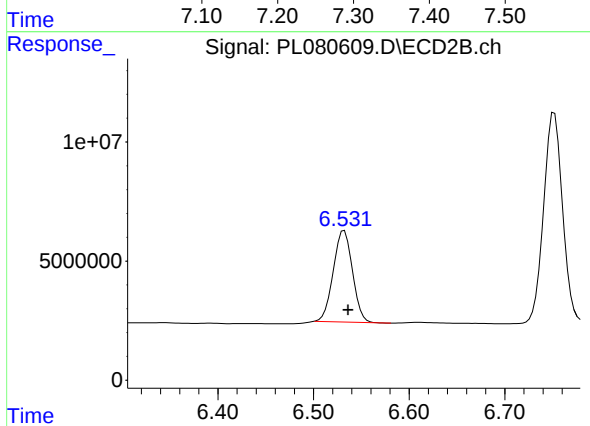
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 110202085
Conc: 47.39 ng/ml



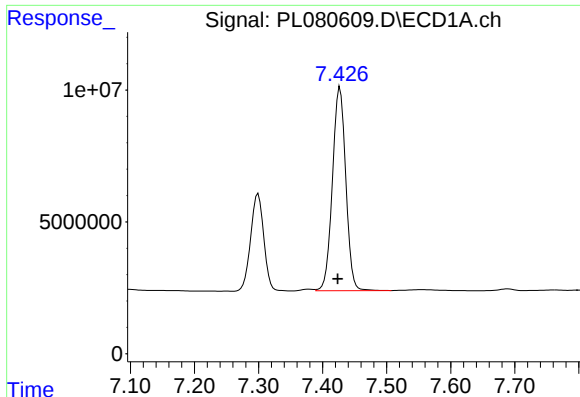
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.005 min
Response: 52537097
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 53541791
Conc: 44.12 ng/ml



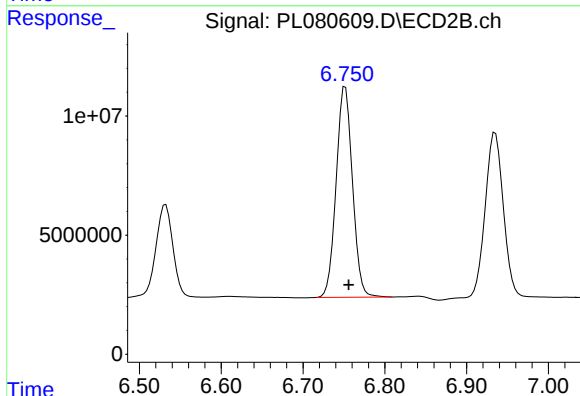
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.003 min
Response: 112012761
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

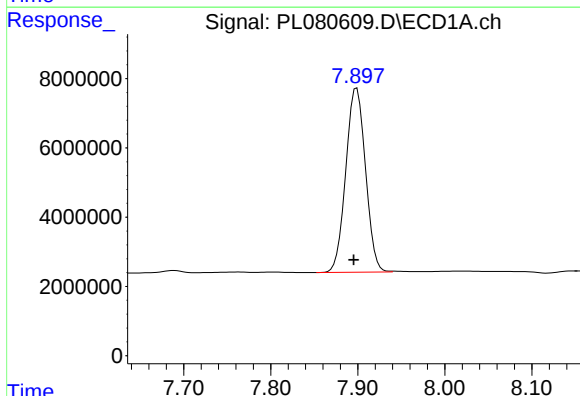
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/01/2023
Supervised By :Ankita Jodhani 02/01/2023



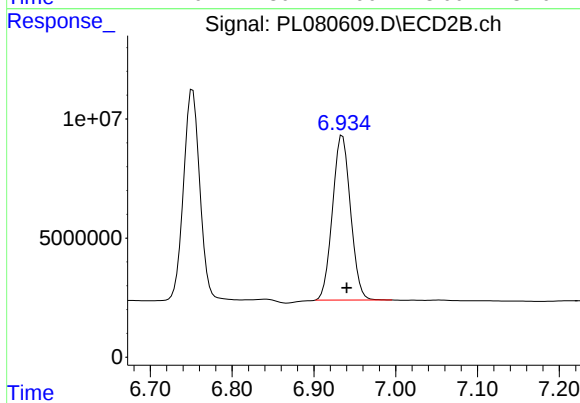
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 122573028
Conc: 48.01 ng/ml



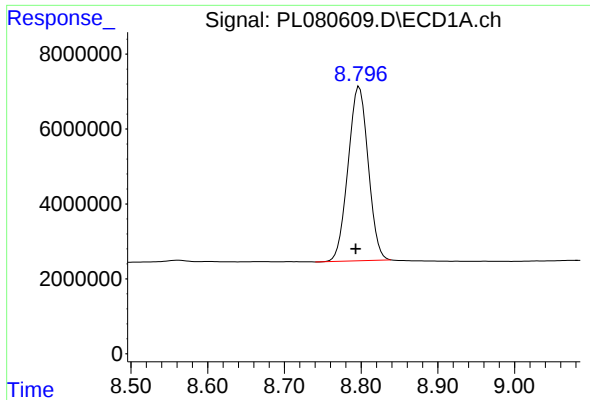
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 83615707
Conc: 48.62 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 105997396
Conc: 46.56 ng/ml



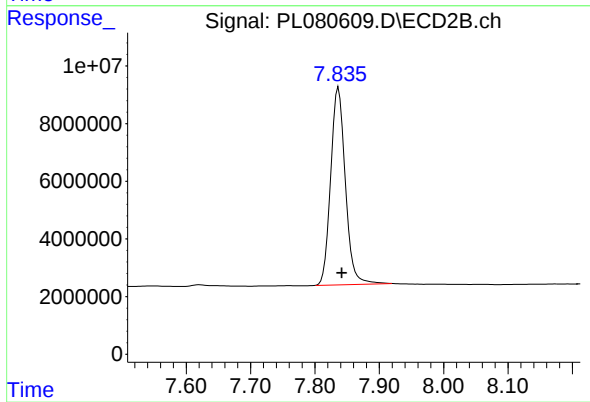
#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 85177464
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/01/2023



#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 108743536
Conc: 45.64 ng/ml