

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 20:08
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/16/2023
 Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 03:42:15 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	2.688	107.8E6	110.0E6	50.259	50.069
28)	SA Decachlor...	8.788	7.832	83985137	104.7E6	47.971	43.928
Target Compounds							
2)	A alpha-BHC	3.800	3.188	166.3E6	162.9E6	52.503	51.231
3)	MA gamma-BHC...	4.128	3.516	154.4E6	151.9E6	52.538	50.861
4)	MA Heptachlor	4.712	3.857	152.3E6	155.6E6	51.522	48.900
5)	MB Aldrin	5.050	4.136	139.5E6	145.1E6	50.989	49.179
6)	B beta-BHC	4.324	3.812	67895928	66291474	49.740	49.670
7)	B delta-BHC	4.567	4.042	153.3E6	147.7E6	52.943	51.216
8)	B Heptachlo...	5.474	4.637	129.8E6	134.8E6	50.184	48.436
9)	A Endosulfan I	5.856	5.007	118.3E6	123.7E6	50.077	47.555
10)	B gamma-Chl...	5.729	4.887	128.8E6	137.6E6	51.010	48.557m
11)	B alpha-Chl...	5.808	4.952	127.3E6	134.4E6	50.412	46.933
12)	B 4,4'-DDE	5.986	5.144	113.2E6	117.0E6	50.808	49.621m
13)	MA Dieldrin	6.130	5.270	120.6E6	129.9E6	50.410	48.038m
14)	MA Endrin	6.358	5.547	107.6E6	113.3E6	49.746	48.817
15)	B Endosulfa...	6.577	5.839	99537788	106.9E6	43.422	51.312m
16)	A 4,4'-DDD	6.500	5.699	93492693	97826078	51.034	52.057
17)	MA 4,4'-DDT	6.813	5.950	99289863	103.4E6	47.789	49.194
18)	B Endrin al...	6.706	6.020	80576237	85370910	48.440	46.750
19)	B Endosulfa...	6.940	6.244	104.5E6	111.5E6	50.480	47.964
20)	A Methoxychlor	7.291	6.528	53710227	56563816	48.682	46.613
21)	B Endrin ke...	7.420	6.748	111.6E6	122.7E6	50.559	48.057
22)	Mirex	7.892	6.931	82611384	101.9E6	48.036	44.742

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 20:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

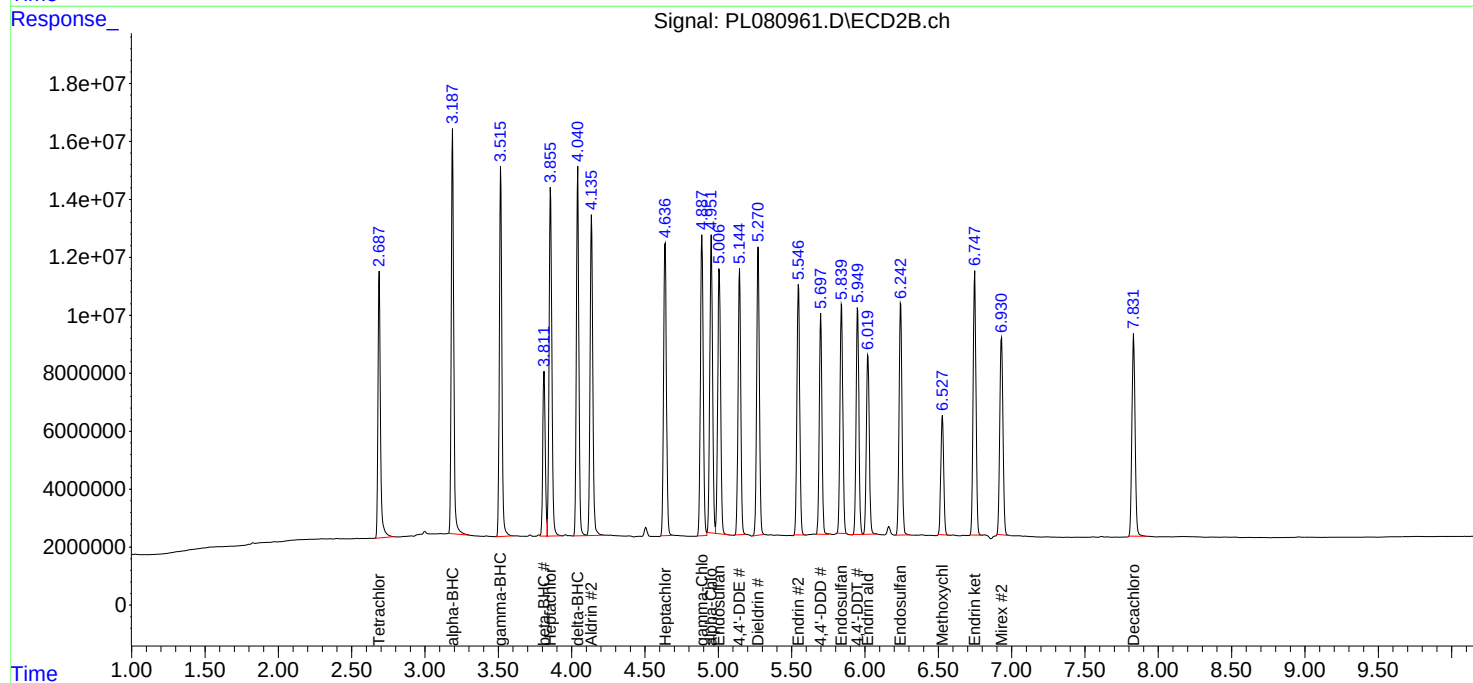
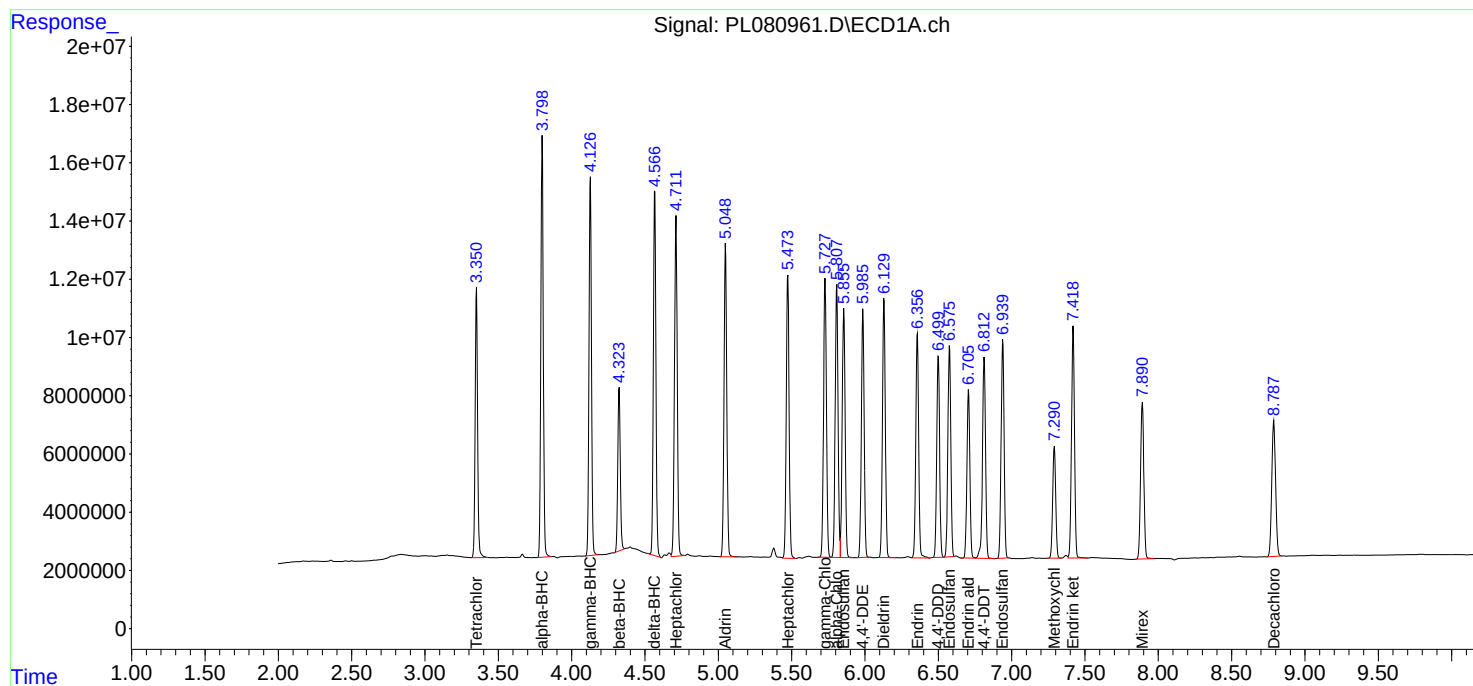
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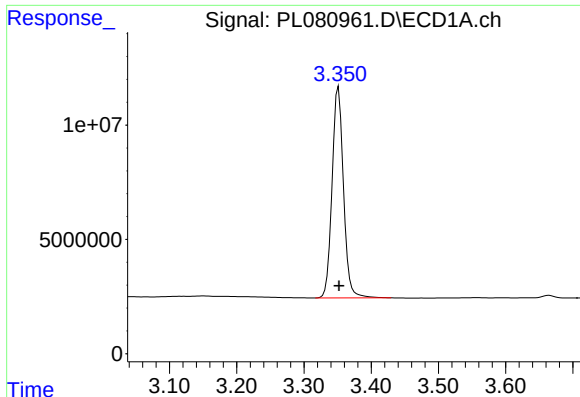
Reviewed By :Abdul Mirza 02/16/2023

Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 03:42:15 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





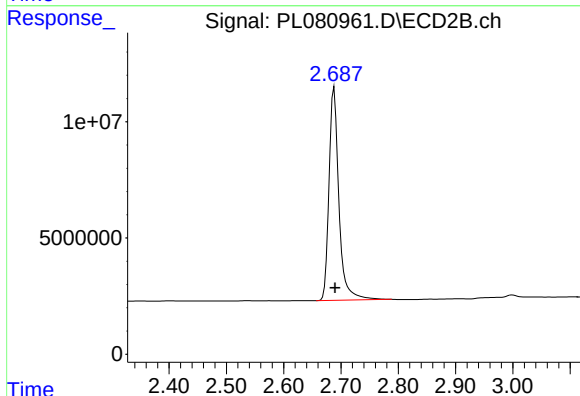
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 107797733
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

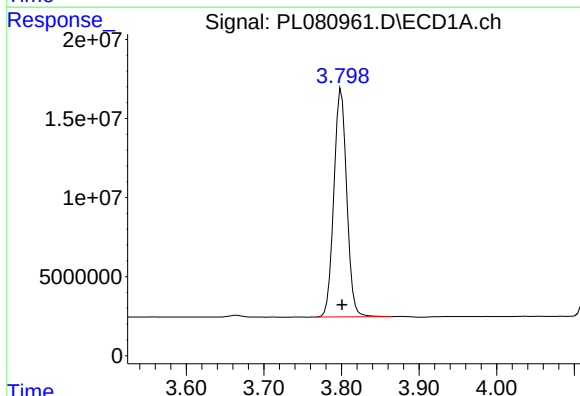
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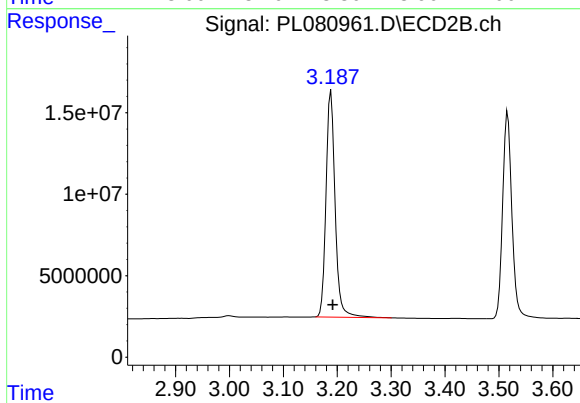
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 109973672
Conc: 50.07 ng/ml



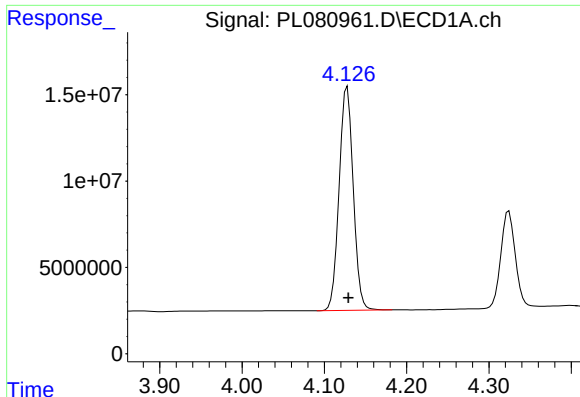
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 166331147
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 162935631
Conc: 51.23 ng/ml



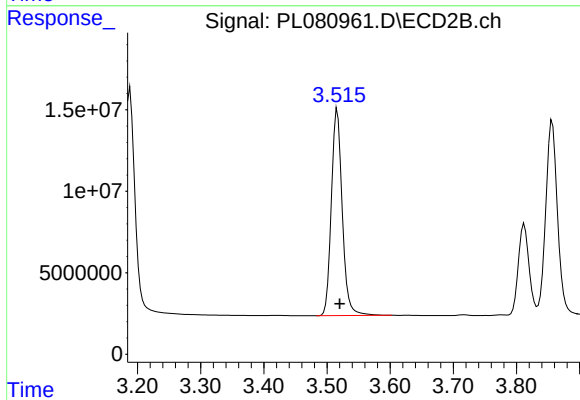
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 154449833
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

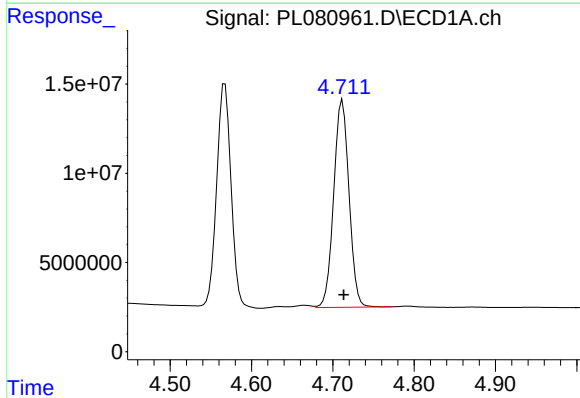
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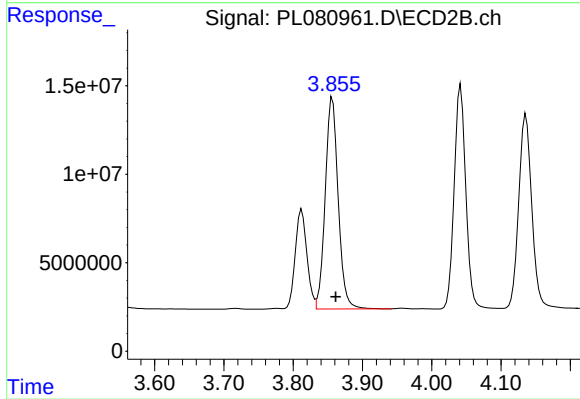
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 151938127
Conc: 50.86 ng/ml



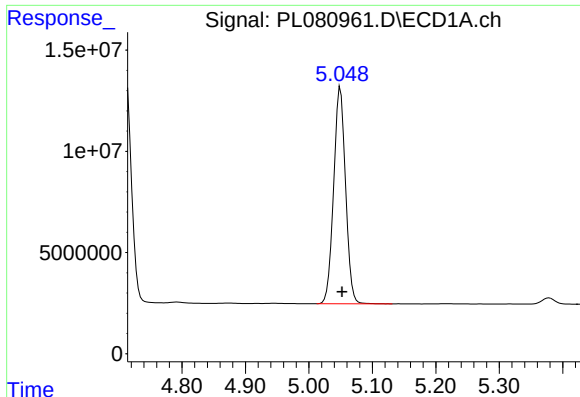
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 152259551
Conc: 51.52 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 155618580
Conc: 48.90 ng/ml



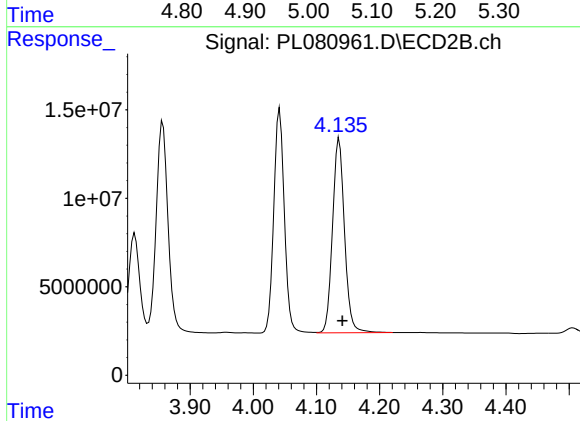
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 139494996
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

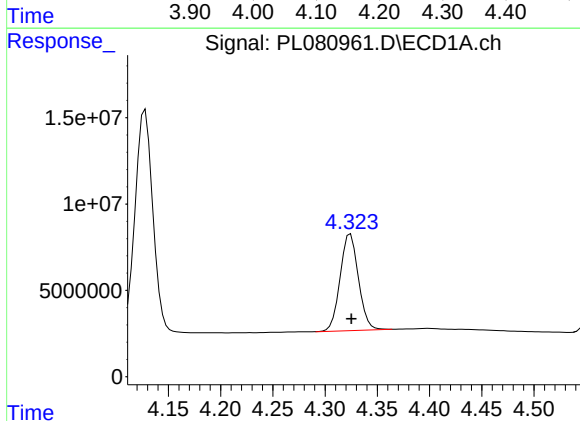
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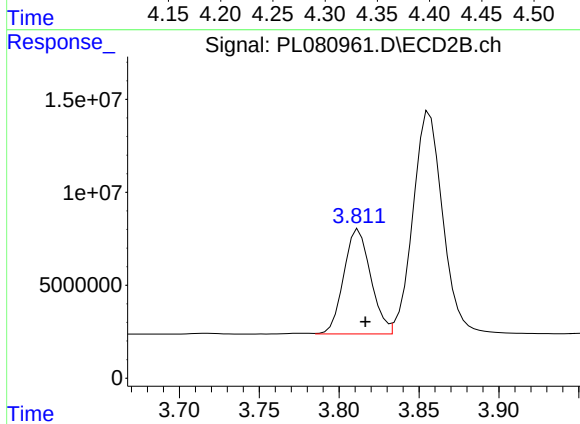
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.005 min
Response: 145057475
Conc: 49.18 ng/ml



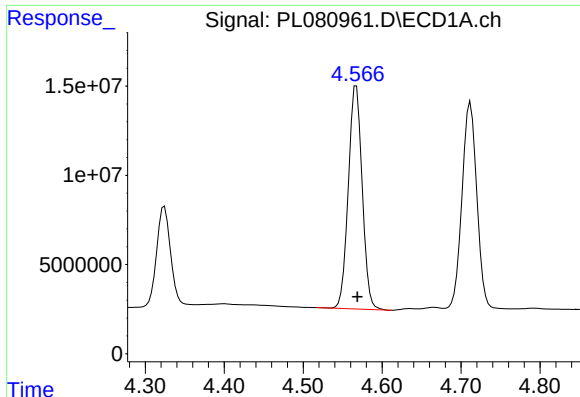
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 67895928
Conc: 49.74 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 66291474
Conc: 49.67 ng/ml



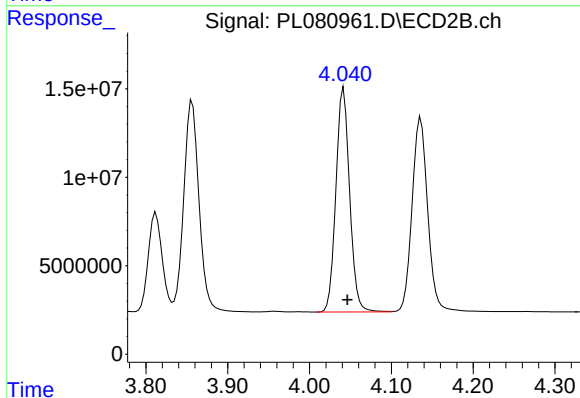
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 153269564
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

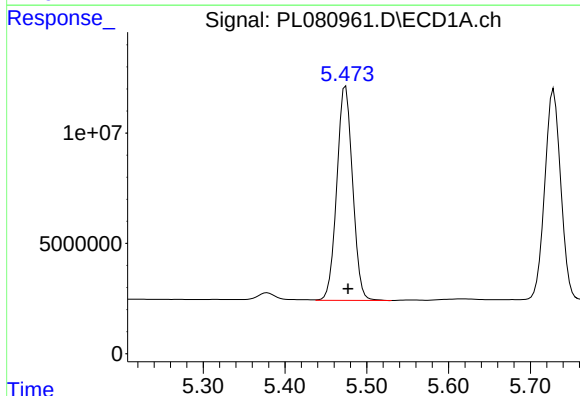
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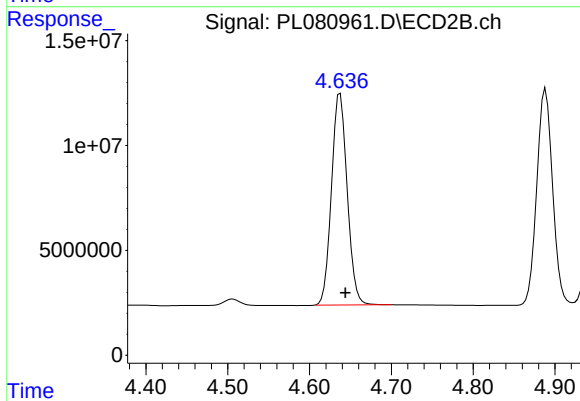
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 147728857
Conc: 51.22 ng/ml



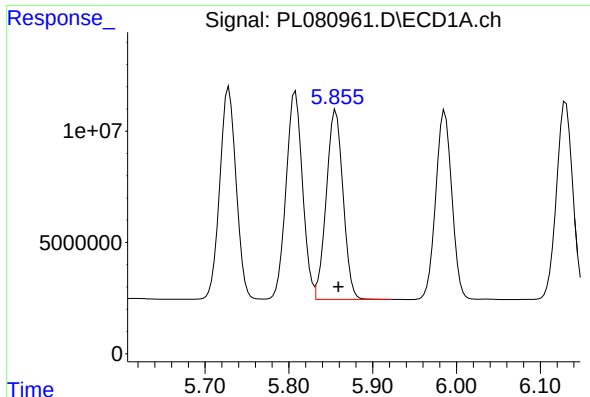
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 129829944
Conc: 50.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.006 min
Response: 134765560
Conc: 48.44 ng/ml



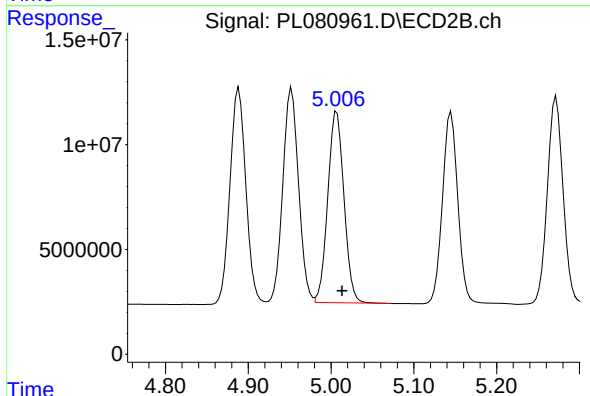
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 118255876
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

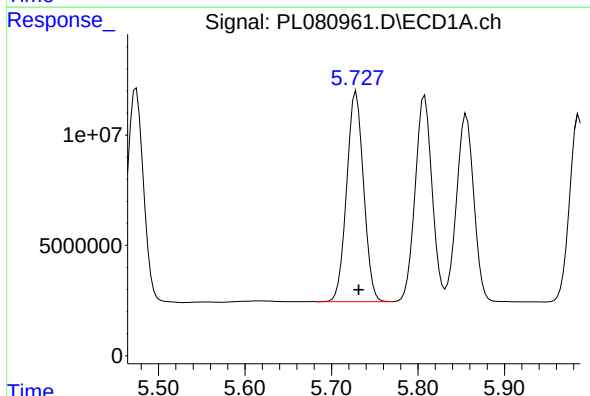
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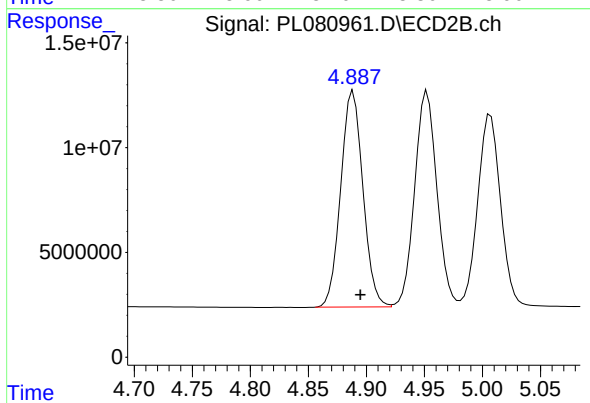
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 123705690
Conc: 47.55 ng/ml



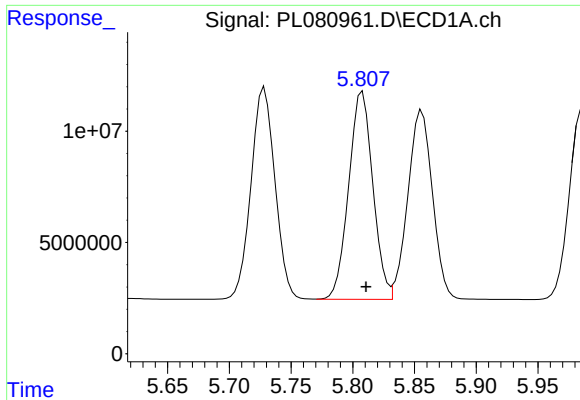
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 128836697
Conc: 51.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.007 min
Response: 137623043
Conc: 48.56 ng/ml m



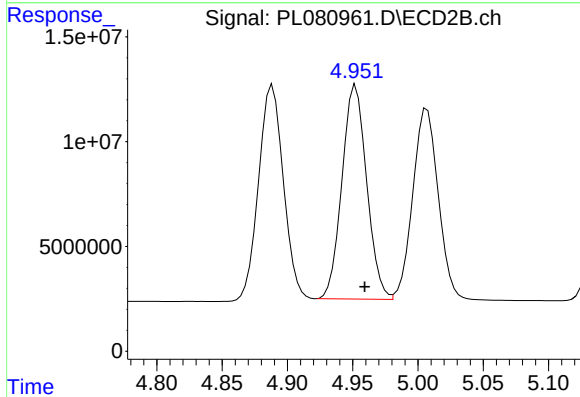
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 127252594
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

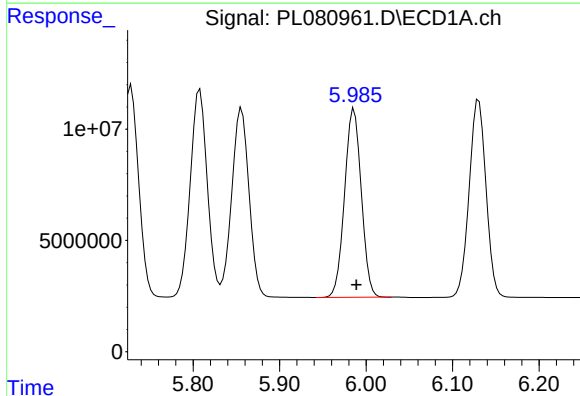
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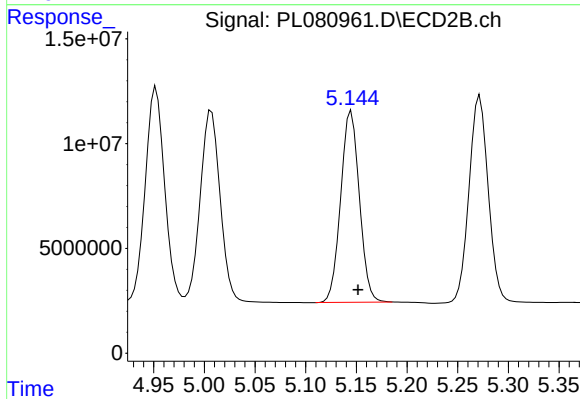
#11 alpha-Chlordane

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 134447329
Conc: 46.93 ng/ml



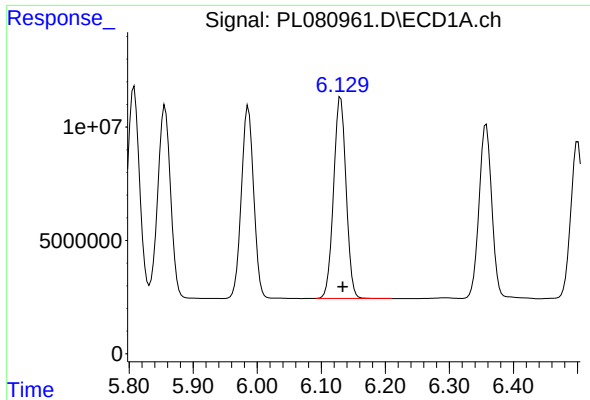
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 113167615
Conc: 50.81 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 117046626
Conc: 49.62 ng/ml m



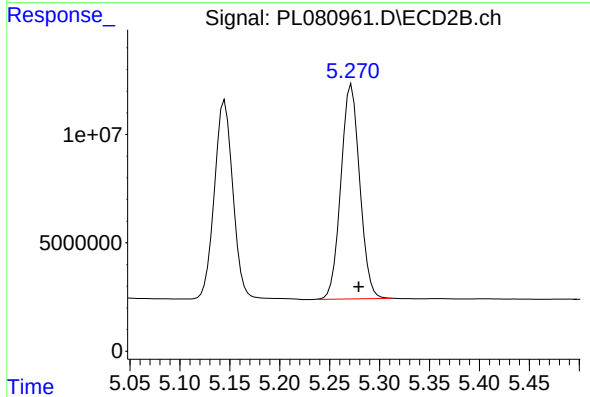
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.003 min
Response: 120649909
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

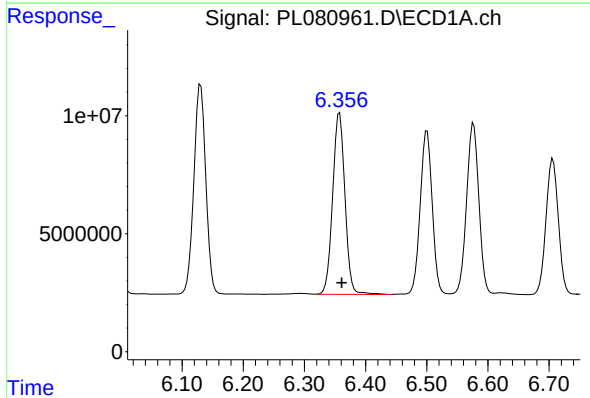
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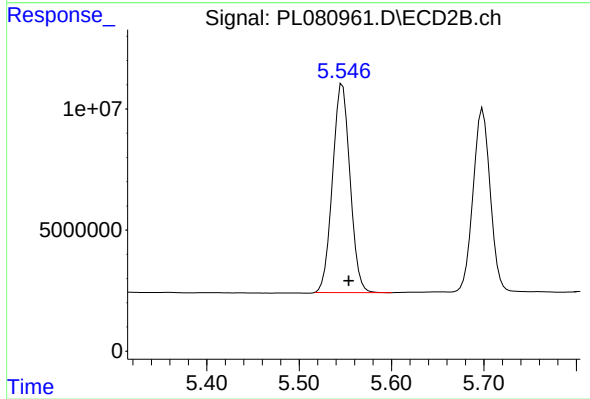
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 129941660
Conc: 48.04 ng/ml m



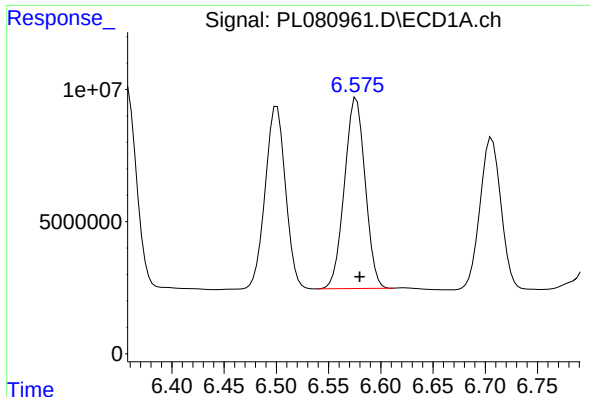
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 107584724
Conc: 49.75 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 113311842
Conc: 48.82 ng/ml



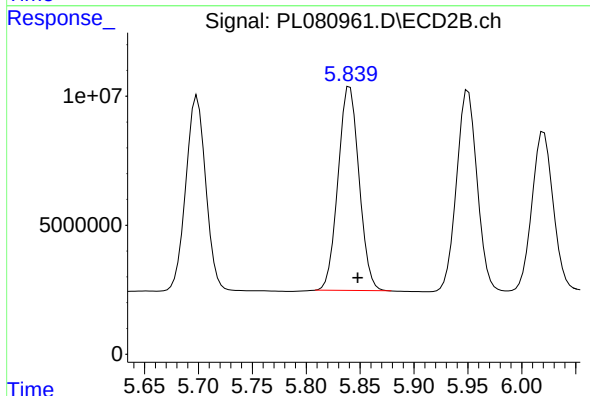
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 99537788
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

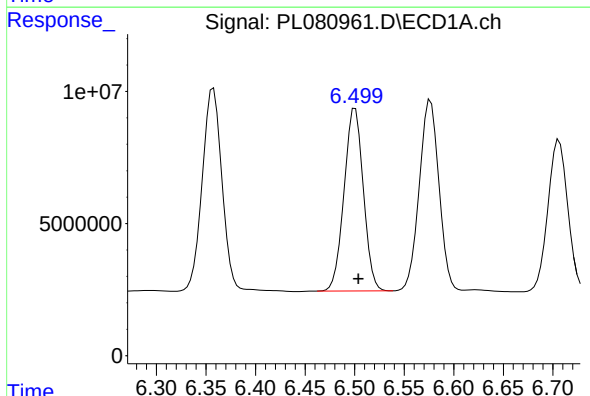
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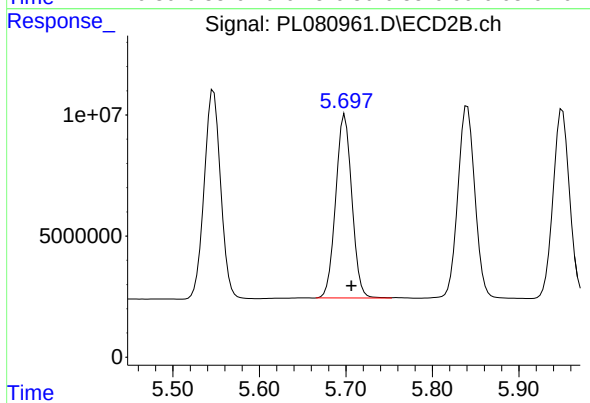
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.009 min
Response: 106919604
Conc: 51.31 ng/ml m



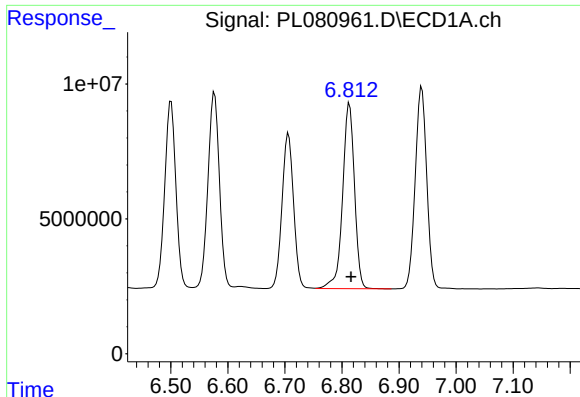
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.003 min
Response: 93492693
Conc: 51.03 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 97826078
Conc: 52.06 ng/ml



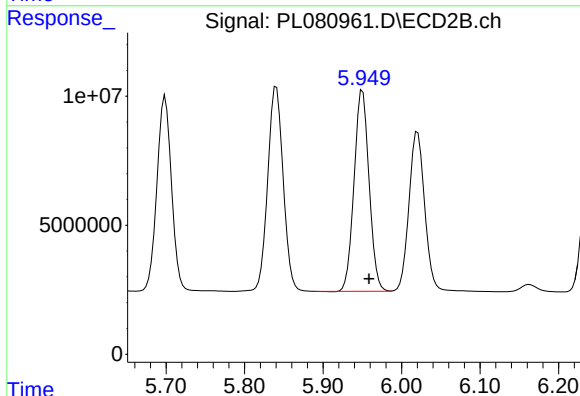
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 99289863
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

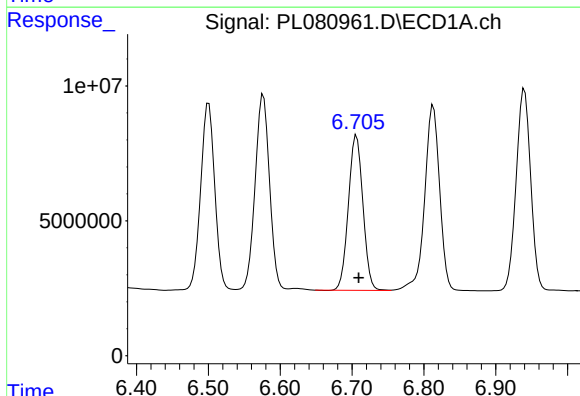
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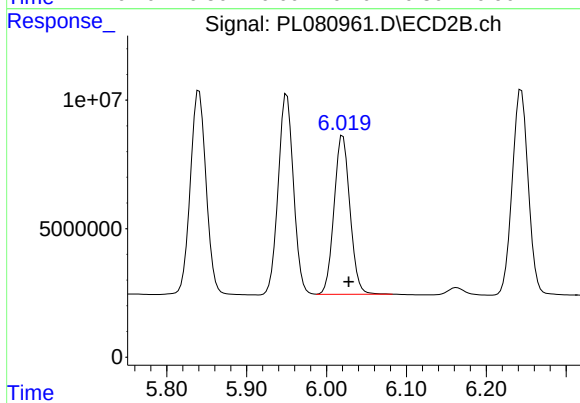
#17 4,4'-DDT

R.T.: 5.950 min
Delta R.T.: -0.008 min
Response: 103380380
Conc: 49.19 ng/ml



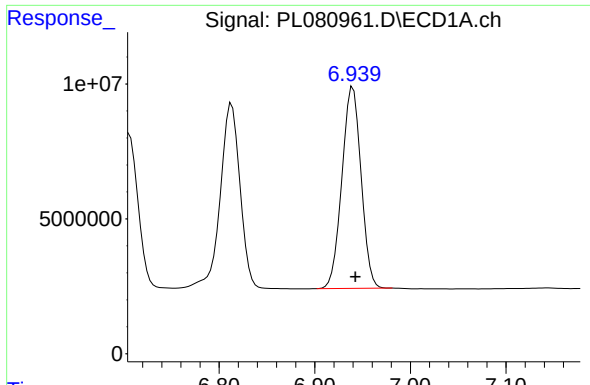
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 80576237
Conc: 48.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.020 min
Delta R.T.: -0.007 min
Response: 85370910
Conc: 46.75 ng/ml



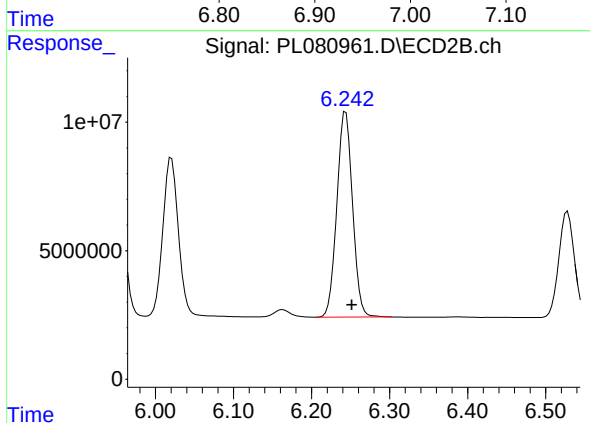
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 104490102
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

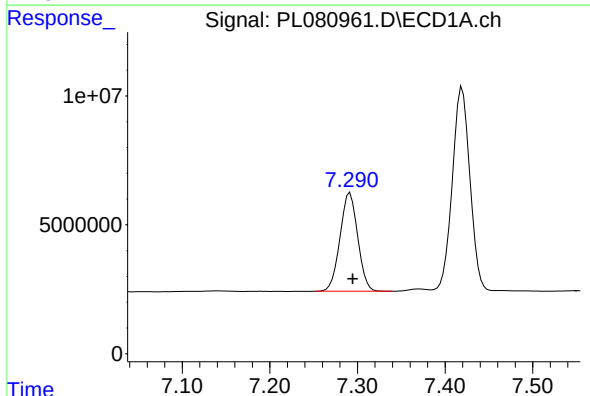
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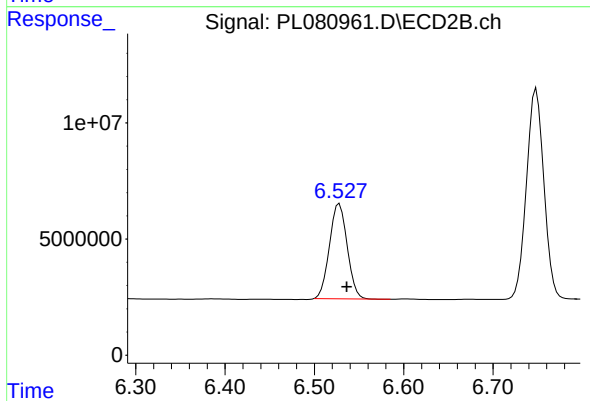
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 111548557
Conc: 47.96 ng/ml



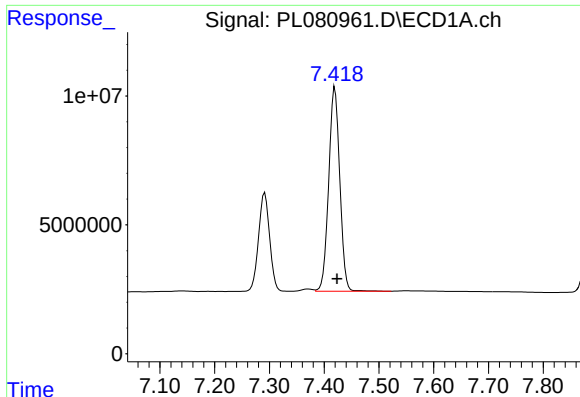
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 53710227
Conc: 48.68 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 56563816
Conc: 46.61 ng/ml



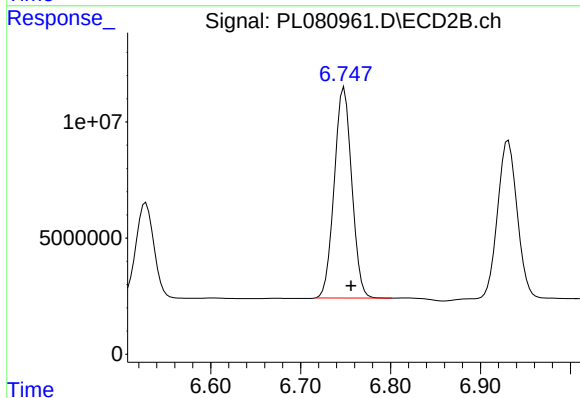
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.004 min
Response: 111551131
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

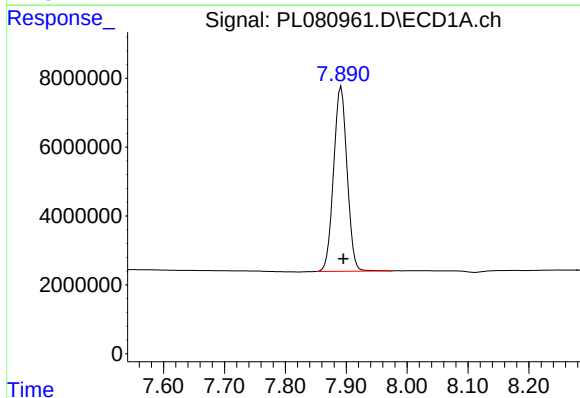
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APPROVED

Reviewed By :Abdul Mirza 02/16/2023
Supervised By :Ankita Jodhani 02/16/2023



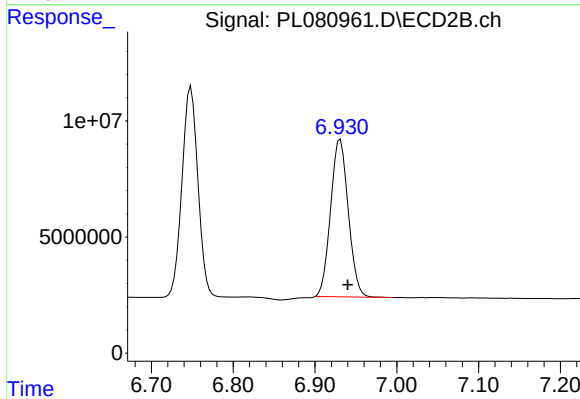
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 122701334
Conc: 48.06 ng/ml



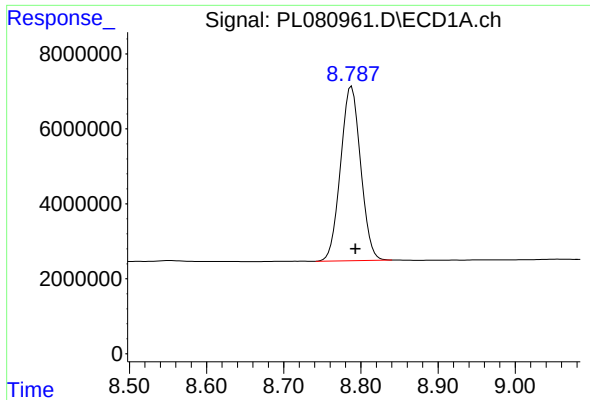
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 82611384
Conc: 48.04 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.009 min
Response: 101865921
Conc: 44.74 ng/ml



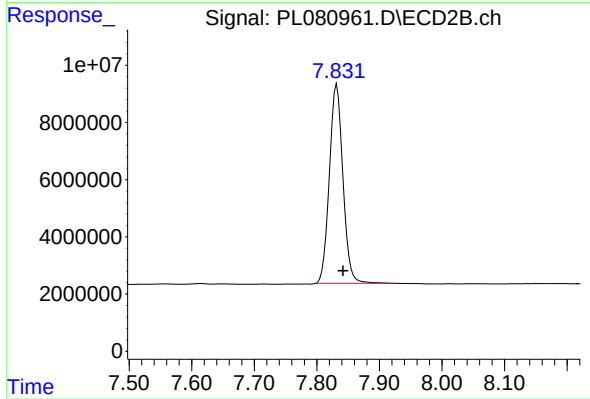
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 83985137
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.010 min
Response: 104659424
Conc: 43.93 ng/ml