

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020223\
 Data File : PL080690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 10:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/03/2023
 Supervised By : Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 21:01:07 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	2.686	109.7E6	107.1E6	51.128	48.759
28)	SA Decachlor...	8.798	7.836	84855722	106.2E6	48.468	44.590
Target Compounds							
2)	A alpha-BHC	3.808	3.187	166.8E6	153.3E6	52.636	48.195
3)	MA gamma-BHC...	4.136	3.516	154.1E6	144.8E6	52.406	48.486
4)	MA Heptachlor	4.721	3.857	149.5E6	147.3E6	50.595	46.277
5)	MB Aldrin	5.058	4.137	136.7E6	138.2E6	49.976	46.839
6)	B beta-BHC	4.333	3.812	66866837	63128894	48.986	47.301
7)	B delta-BHC	4.576	4.042	152.2E6	138.9E6	52.580	48.144
8)	B Heptachlo...	5.483	4.639	126.5E6	128.8E6	48.884	46.277
9)	A Endosulfan I	5.865	5.008	115.9E6	118.7E6	49.092	45.632
10)	B gamma-Chl...	5.738	4.889	125.6E6	131.5E6	49.747	46.401m
11)	B alpha-Chl...	5.817	4.954	124.5E6	128.6E6	49.306	44.881
12)	B 4,4'-DDE	5.995	5.146	109.7E6	109.7E6	49.273	46.524m
13)	MA Dieldrin	6.139	5.273	119.6E6	123.1E6	49.979	45.501m
14)	MA Endrin	6.365	5.549	99789535	102.5E6	46.141	44.141
15)	B Endosulfa...	6.585	5.843	100.9E6	102.4E6	44.004	49.161
16)	A 4,4'-DDD	6.509	5.702	94713569	93859210	51.700	49.946
17)	MA 4,4'-DDT	6.822	5.954	92410884	92151412	44.478	43.851
18)	B Endrin al...	6.715	6.023	80606666	82404350	48.459	45.126
19)	B Endosulfa...	6.948	6.247	102.0E6	106.8E6	49.288	45.906
20)	A Methoxychlor	7.300	6.532	49390230	51303128	44.766	42.278
21)	B Endrin ke...	7.428	6.751	112.1E6	122.5E6	50.817	47.986
22)	Mirex	7.899	6.935	83159267	102.4E6	48.354	44.968

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

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Data File : PL080690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2023 10:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

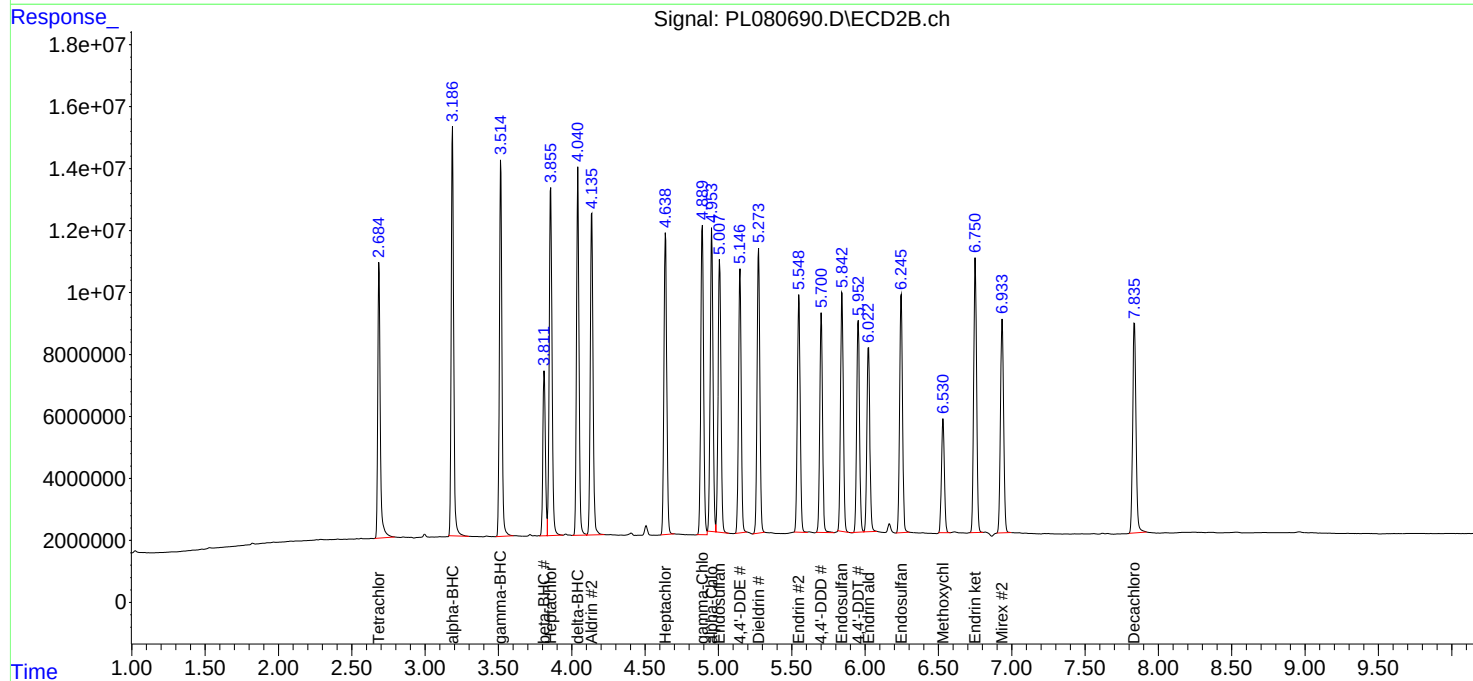
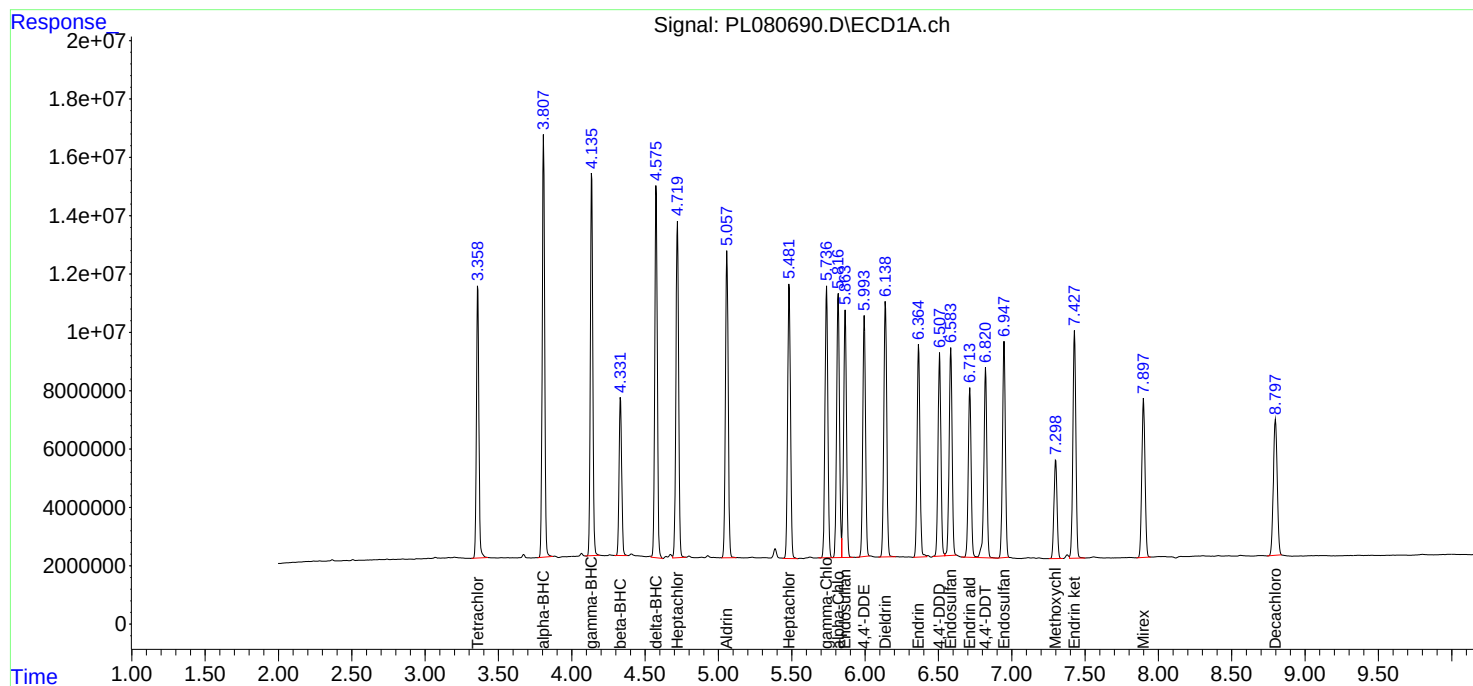
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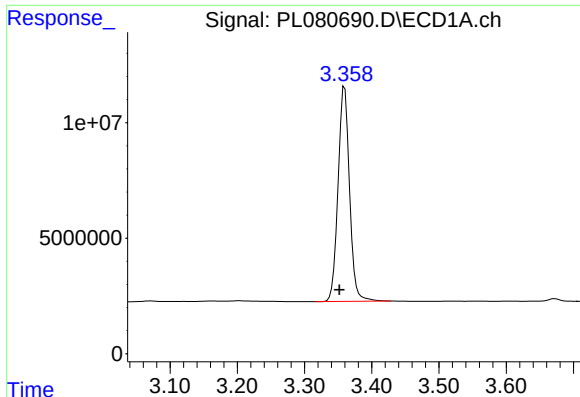
Reviewed By :Abdul Mirza 02/03/2023

Supervised By :Ankita Jodhani 02/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 02 21:01:07 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





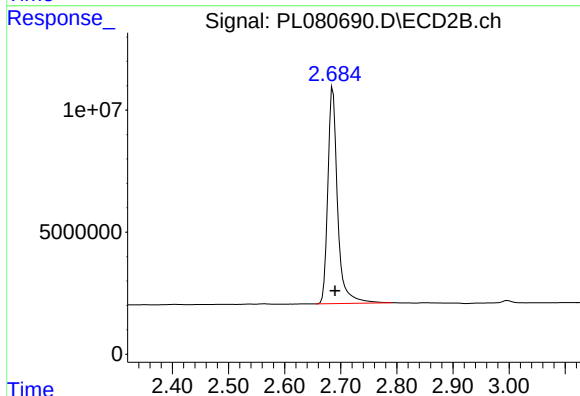
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.007 min
Response: 109661884
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

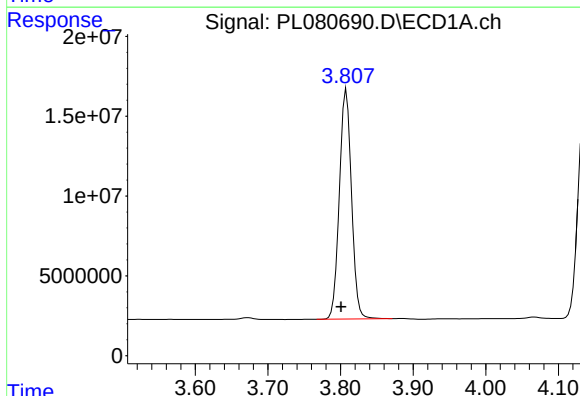
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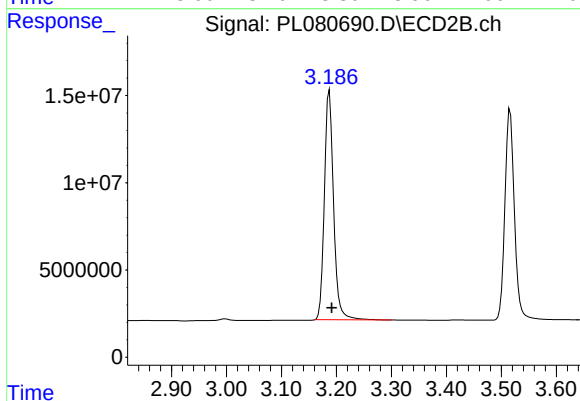
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.004 min
Response: 107096376
Conc: 48.76 ng/ml



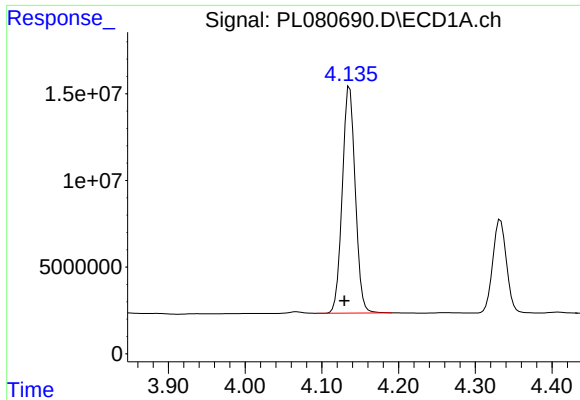
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: 0.007 min
Response: 166753260
Conc: 52.64 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.004 min
Response: 153278977
Conc: 48.19 ng/ml



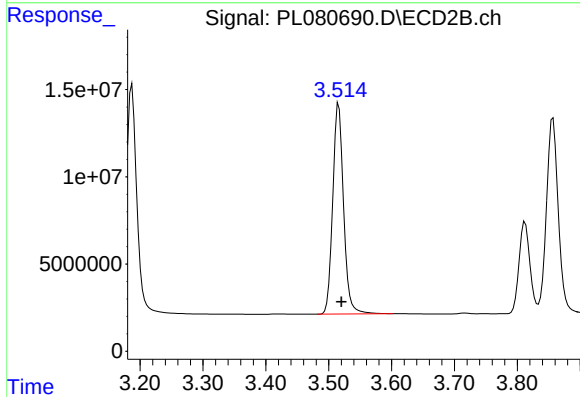
#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.007 min
Response: 154060573
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

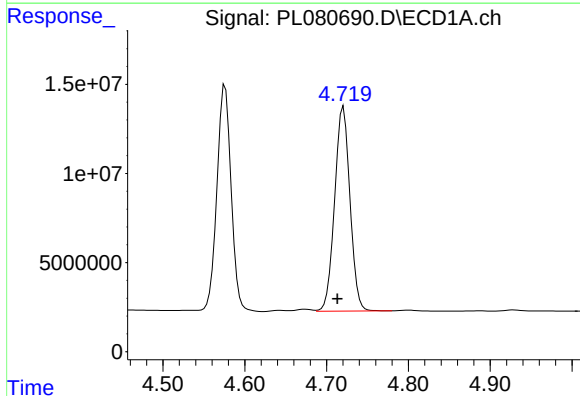
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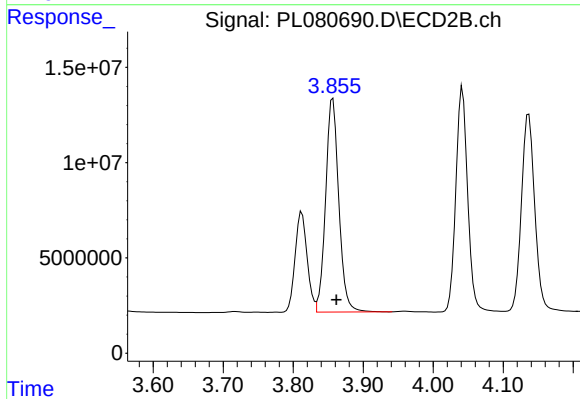
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 144842046
Conc: 48.49 ng/ml



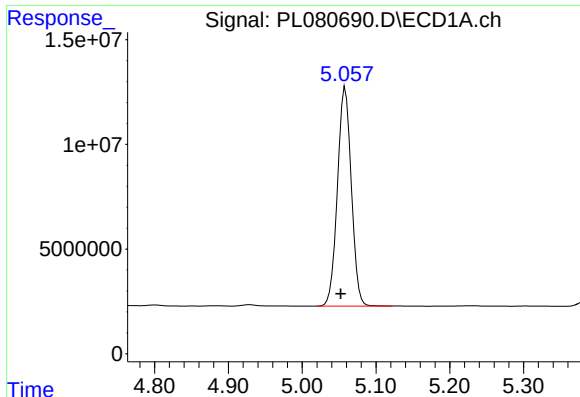
#4 Heptachlor

R.T.: 4.721 min
Delta R.T.: 0.007 min
Response: 149518921
Conc: 50.59 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.005 min
Response: 147269809
Conc: 46.28 ng/ml



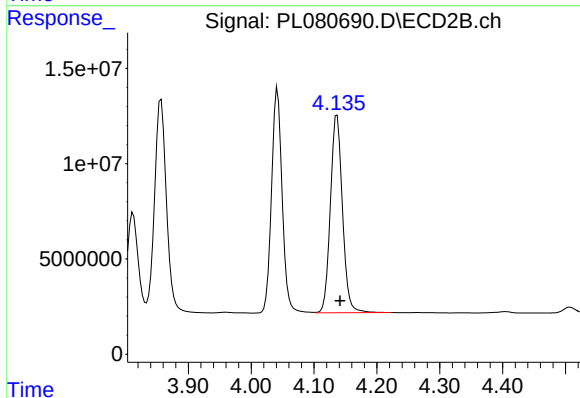
#5 Aldrin

R.T.: 5.058 min
Delta R.T.: 0.006 min
Response: 136722597
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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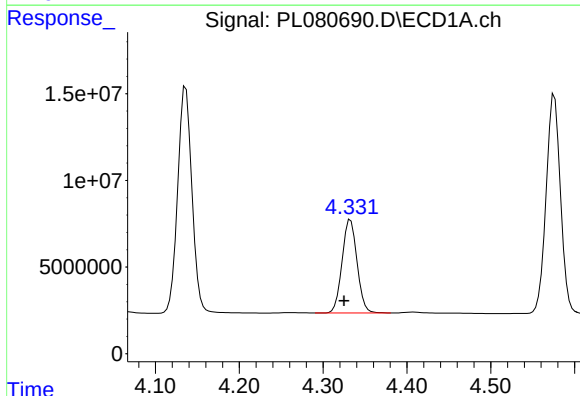
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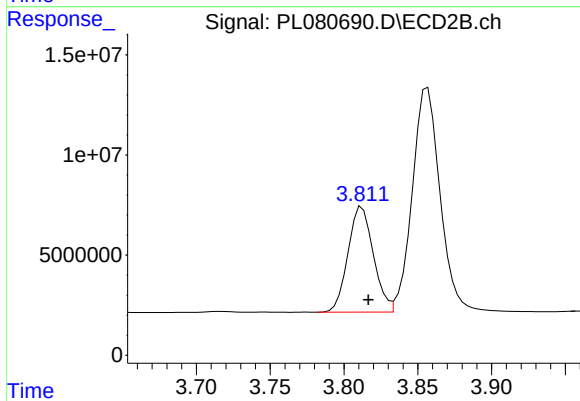
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 138156599
Conc: 46.84 ng/ml



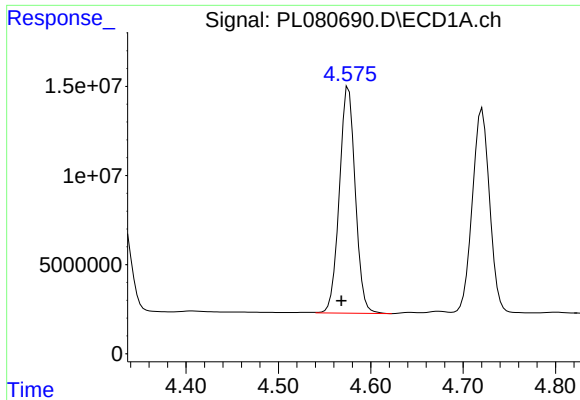
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.008 min
Response: 66866837
Conc: 48.99 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 63128894
Conc: 47.30 ng/ml



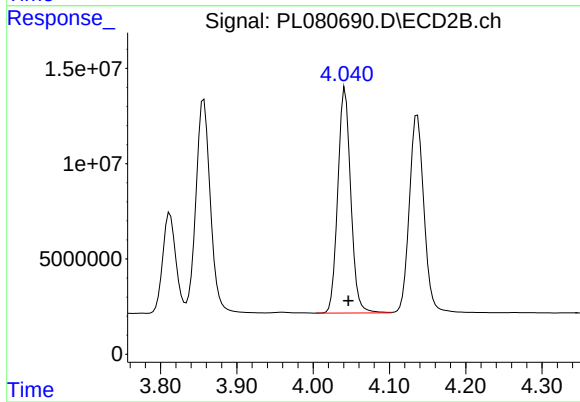
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 152218857
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

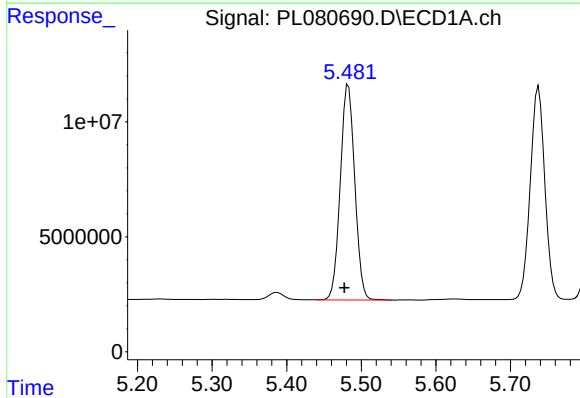
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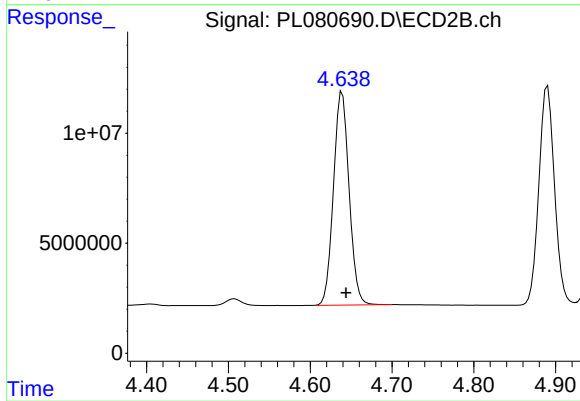
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 138867168
Conc: 48.14 ng/ml



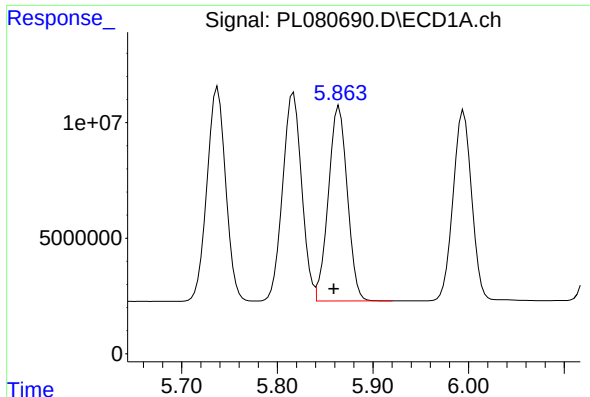
#8 Heptachlor epoxide

R.T.: 5.483 min
Delta R.T.: 0.006 min
Response: 126465307
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 128757320
Conc: 46.28 ng/ml



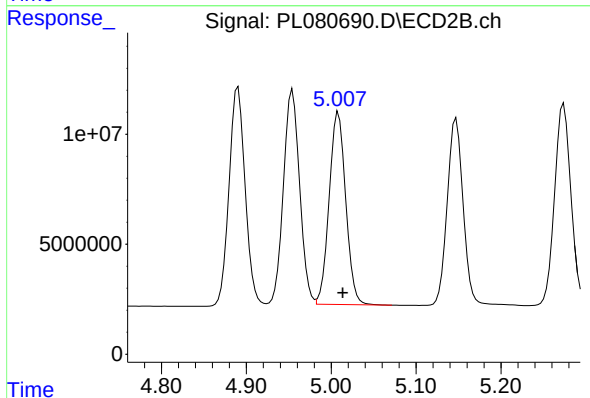
#9 Endosulfan I

R.T.: 5.865 min
Delta R.T.: 0.006 min
Response: 115929215
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

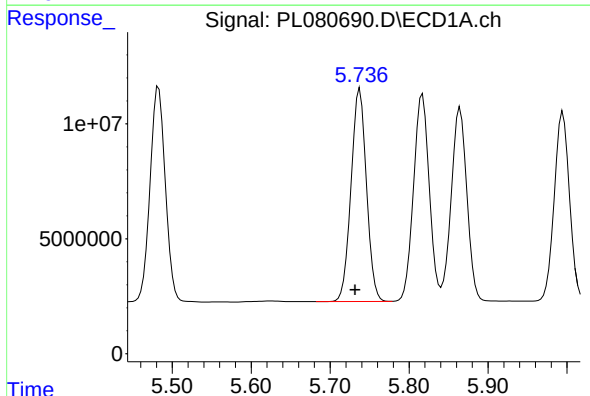
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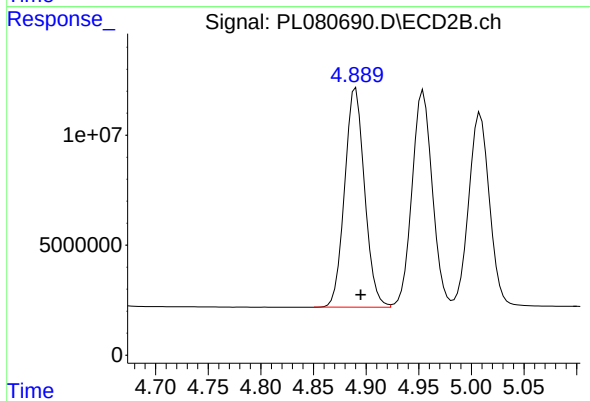
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 118705372
Conc: 45.63 ng/ml



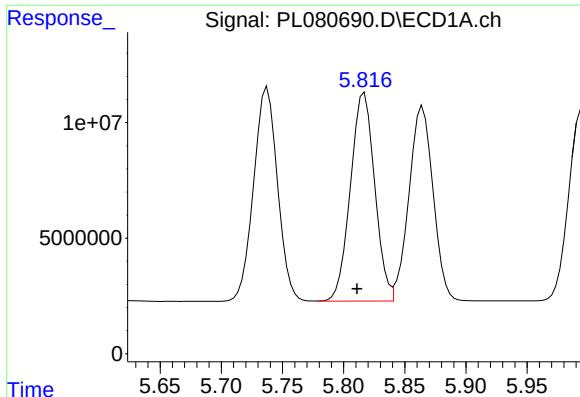
#10 gamma-Chlordane

R.T.: 5.738 min
Delta R.T.: 0.006 min
Response: 125646340
Conc: 49.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 131511207
Conc: 46.40 ng/ml m



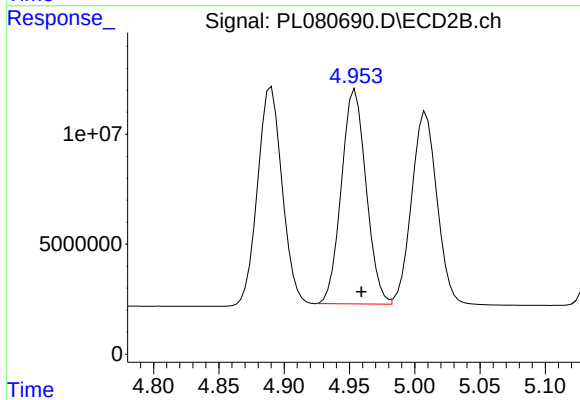
#11 alpha-Chlordane

R.T.: 5.817 min
Delta R.T.: 0.006 min
Response: 124461135
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

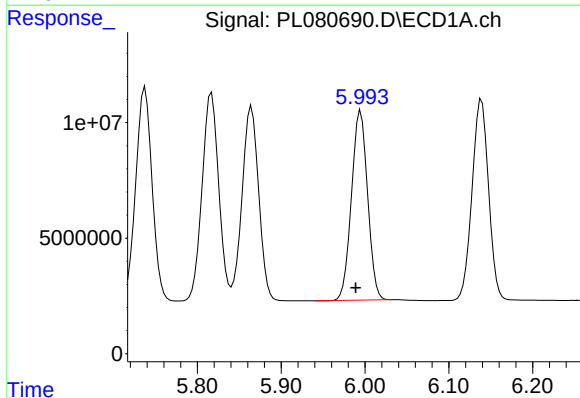
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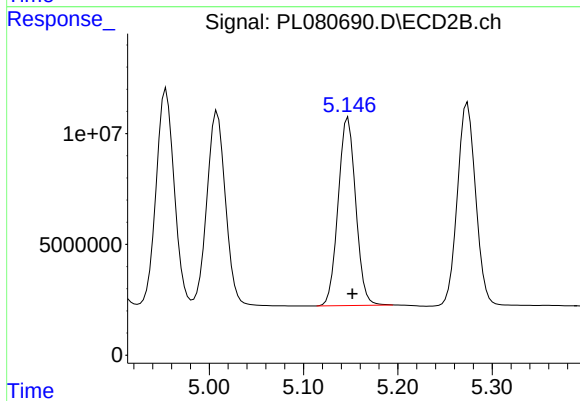
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 128568716
Conc: 44.88 ng/ml



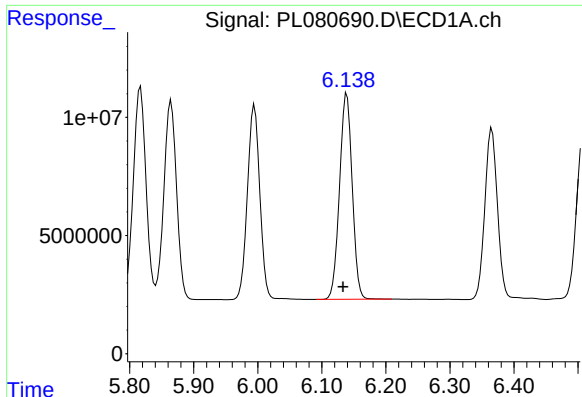
#12 4,4'-DDE

R.T.: 5.995 min
Delta R.T.: 0.006 min
Response: 109748383
Conc: 49.27 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 109743538
Conc: 46.52 ng/ml m



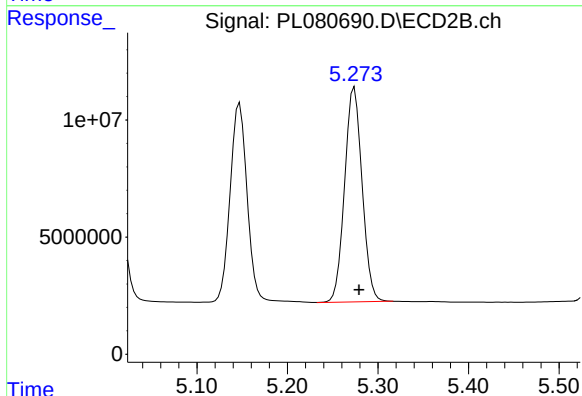
#13 Dieldrin

R.T.: 6.139 min
Delta R.T.: 0.006 min
Response: 119618821
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

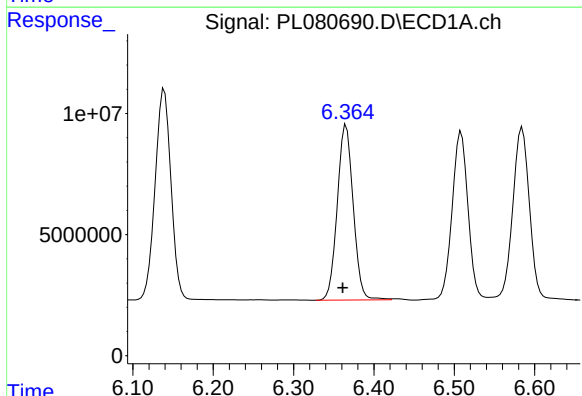
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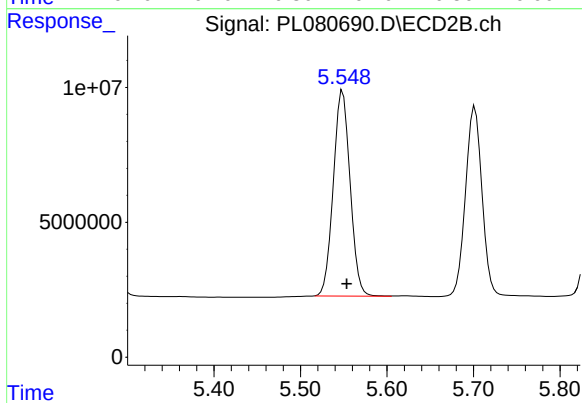
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 123079344
Conc: 45.50 ng/ml m



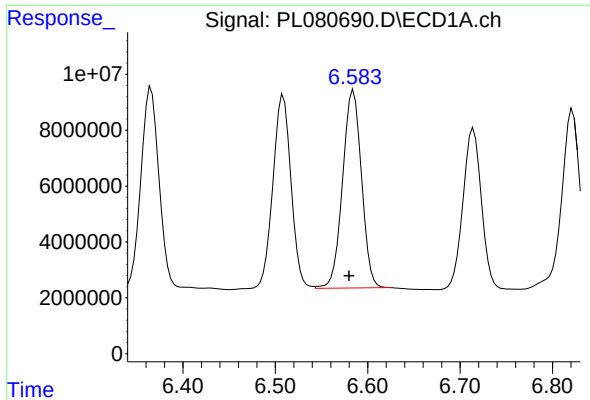
#14 Endrin

R.T.: 6.365 min
Delta R.T.: 0.004 min
Response: 99789535
Conc: 46.14 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.005 min
Response: 102457561
Conc: 44.14 ng/ml



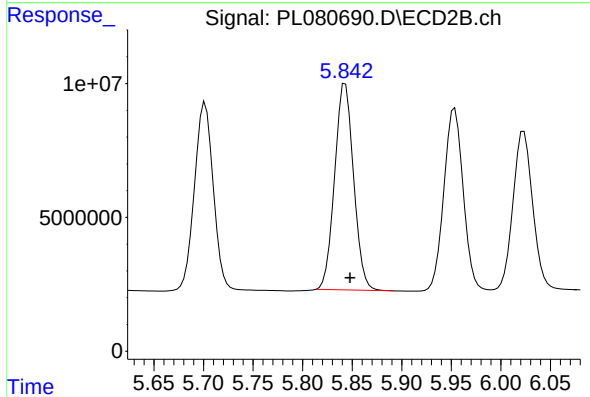
#15 Endosulfan II

R.T.: 6.585 min
Delta R.T.: 0.005 min
Response: 100870985
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

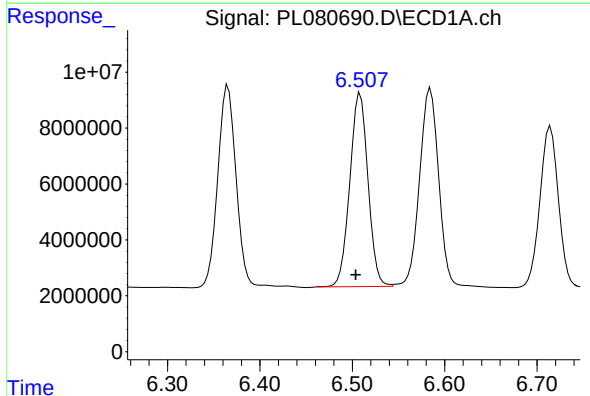
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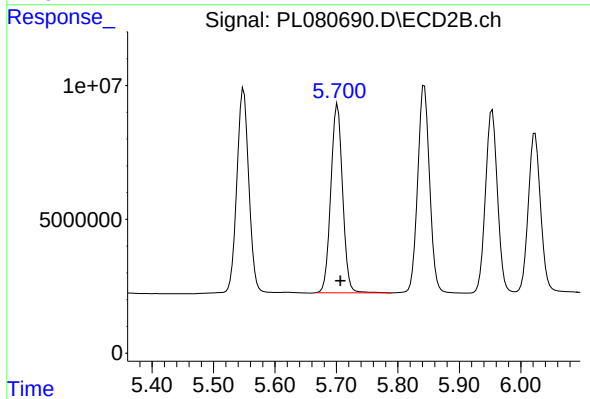
#15 Endosulfan II

R.T.: 5.843 min
Delta R.T.: -0.005 min
Response: 102438681
Conc: 49.16 ng/ml



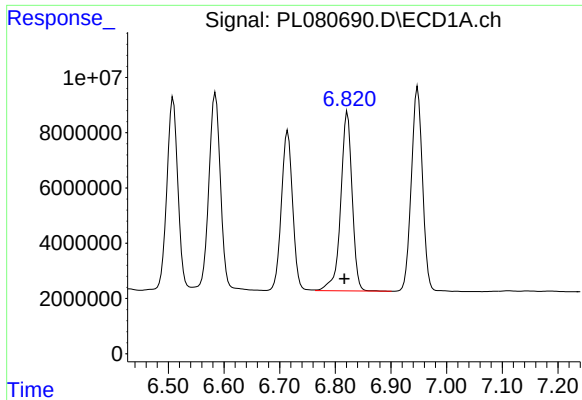
#16 4,4'-DDD

R.T.: 6.509 min
Delta R.T.: 0.005 min
Response: 94713569
Conc: 51.70 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 93859210
Conc: 49.95 ng/ml



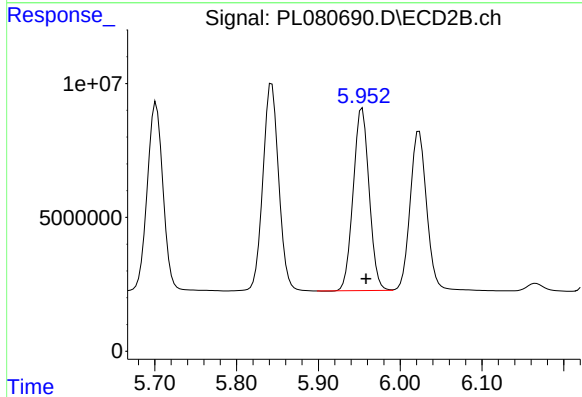
#17 4,4'-DDT

R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 92410884
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

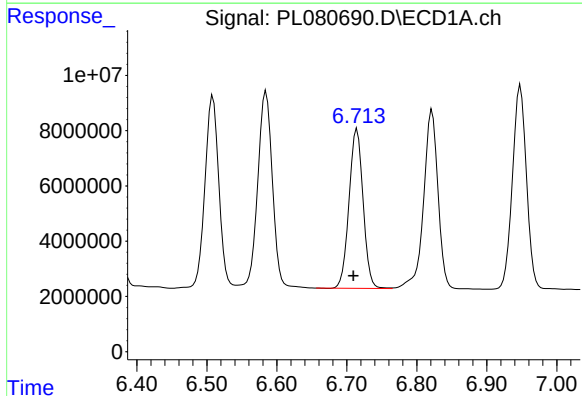
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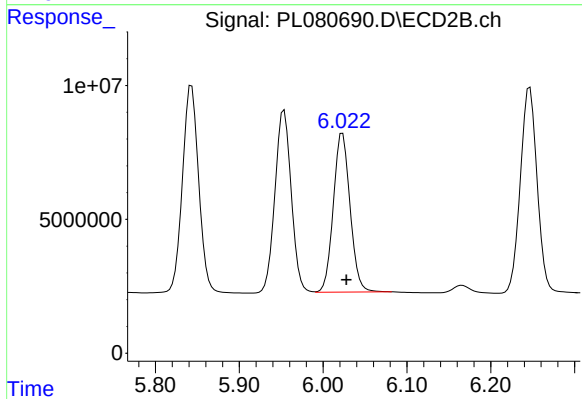
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 92151412
Conc: 43.85 ng/ml



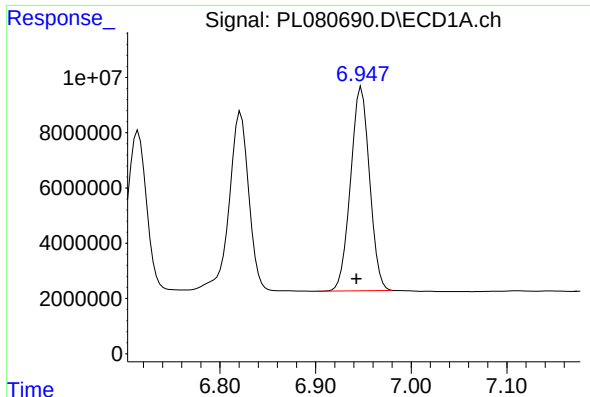
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.005 min
Response: 80606666
Conc: 48.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 82404350
Conc: 45.13 ng/ml



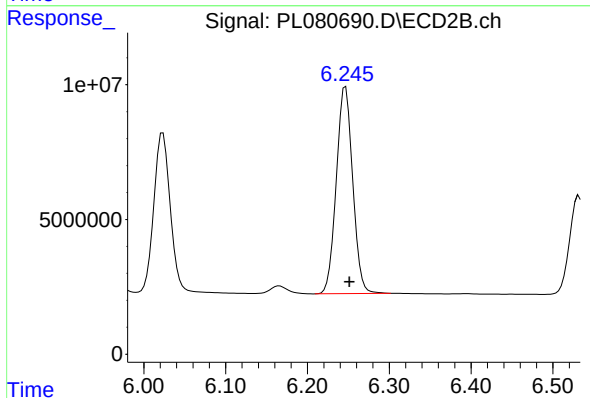
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.005 min
Response: 102021745
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

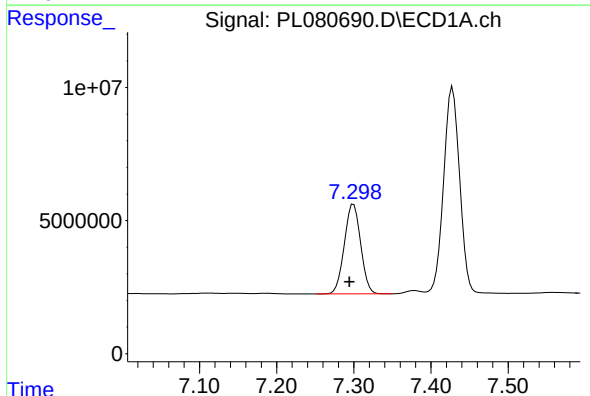
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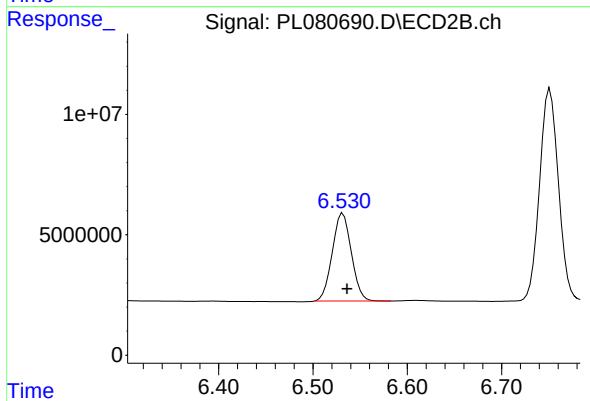
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 106761649
Conc: 45.91 ng/ml



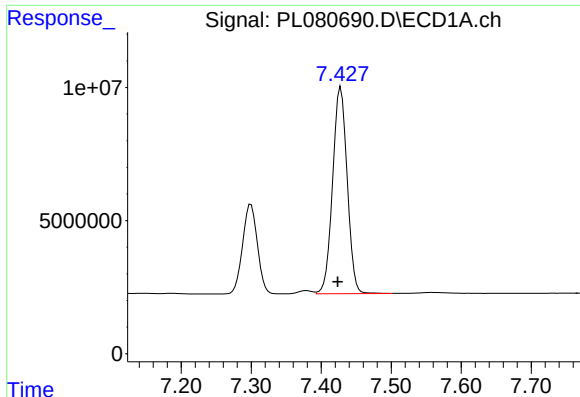
#20 Methoxychlor

R.T.: 7.300 min
Delta R.T.: 0.005 min
Response: 49390230
Conc: 44.77 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 51303128
Conc: 42.28 ng/ml



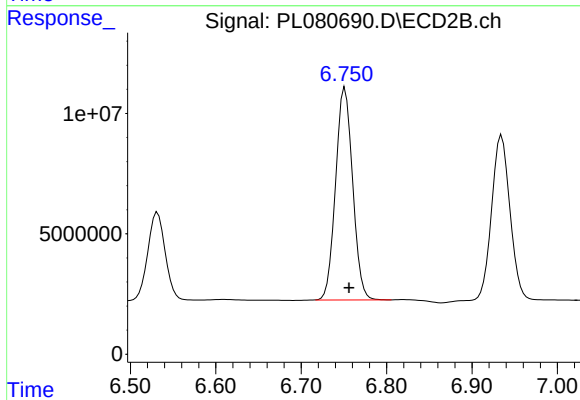
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: 0.004 min
Response: 112120485
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

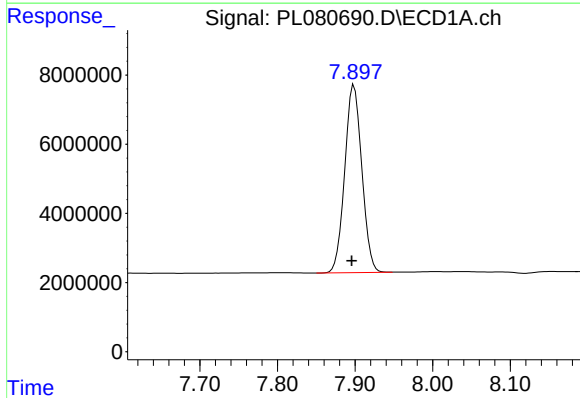
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APPROVED

Reviewed By :Abdul Mirza 02/03/2023
Supervised By :Ankita Jodhani 02/03/2023



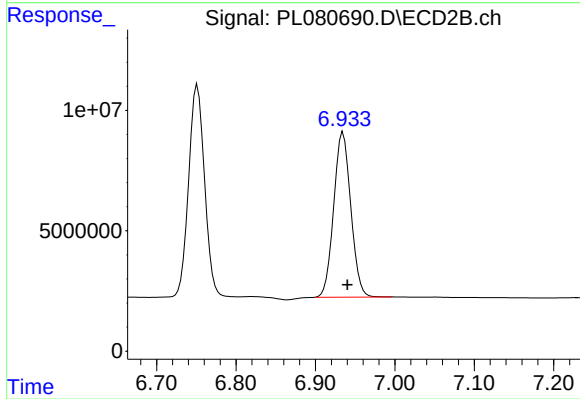
#21 Endrin ketone

R.T.: 6.751 min
Delta R.T.: -0.005 min
Response: 122517955
Conc: 47.99 ng/ml



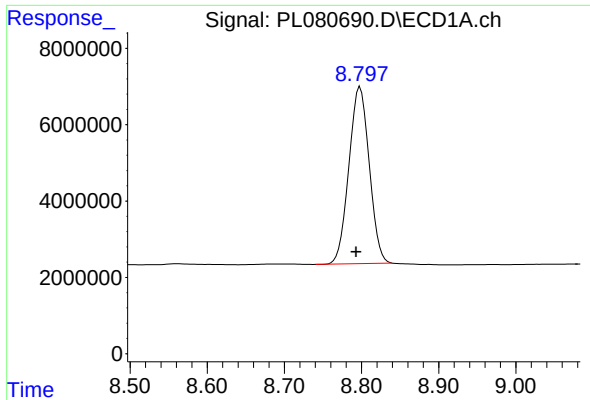
#22 Mirex

R.T.: 7.899 min
Delta R.T.: 0.003 min
Response: 83159267
Conc: 48.35 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 102378788
Conc: 44.97 ng/ml



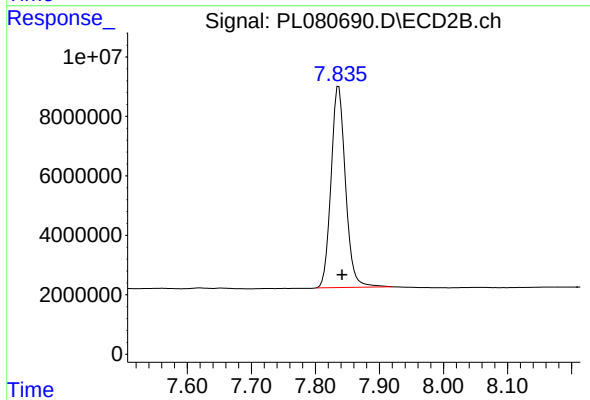
#28 Decachlorobiphenyl

R.T.: 8.798 min
Delta R.T.: 0.005 min
Response: 84855722
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.005 min
Response: 106237438
Conc: 44.59 ng/ml