

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
 Data File : PL080551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jan 2023 08:59
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/30/2023
 Supervised By : Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 23:22:46 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...	3.353	2.690	117.9E6	112.5E6	54.982	51.207
28)	SA Decachlor...	8.788	7.836	91990671	111.3E6	52.543	46.734
Target Compounds							
2)	A alpha-BHC	3.801	3.191	179.6E6	163.7E6	56.686	51.474
3)	MA gamma-BHC...	4.129	3.519	166.1E6	152.5E6	56.515	51.044
4)	MA Heptachlor	4.712	3.860	158.4E6	152.6E6	53.586	47.948
5)	MB Aldrin	5.051	4.140	146.7E6	145.1E6	53.635	49.184
6)	B beta-BHC	4.325	3.815	72295238	67621569	52.963	50.667
7)	B delta-BHC	4.568	4.044	164.0E6	148.6E6	56.658	51.531
8)	B Heptachlo...	5.475	4.641	137.0E6	135.0E6	52.941	48.529
9)	A Endosulfan I	5.857	5.011	125.8E6	123.2E6	53.274	47.342
10)	B gamma-Chl...	5.730	4.891	136.4E6	136.8E6	53.993	48.276m
11)	B alpha-Chl...	5.809	4.956	134.3E6	133.7E6	53.185	46.676
12)	B 4,4'-DDE	5.987	5.149	120.1E6	117.4E6	53.907	49.782
13)	MA Dieldrin	6.131	5.276	127.6E6	130.2E6	53.303	48.129
14)	MA Endrin	6.358	5.550	109.5E6	106.0E6	50.610	45.665
15)	B Endosulfa...	6.576	5.844	104.3E6	107.7E6	45.498	51.710
16)	A 4,4'-DDD	6.501	5.703	101.4E6	100.7E6	55.358	53.577
17)	MA 4,4'-DDT	6.813	5.954	95847484	94597809	46.132	45.015
18)	B Endrin al...	6.706	6.024	85921764	86843327	51.654	47.556
19)	B Endosulfa...	6.940	6.247	108.1E6	111.7E6	52.206	48.008
20)	A Methoxychlor	7.291	6.532	50547374	52697970	45.815	43.428
21)	B Endrin ke...	7.420	6.752	119.1E6	128.9E6	53.966	50.493
22)	Mirex	7.892	6.935	87613297	104.8E6	50.944	46.052

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012723\
Data File : PL080551.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jan 2023 08:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

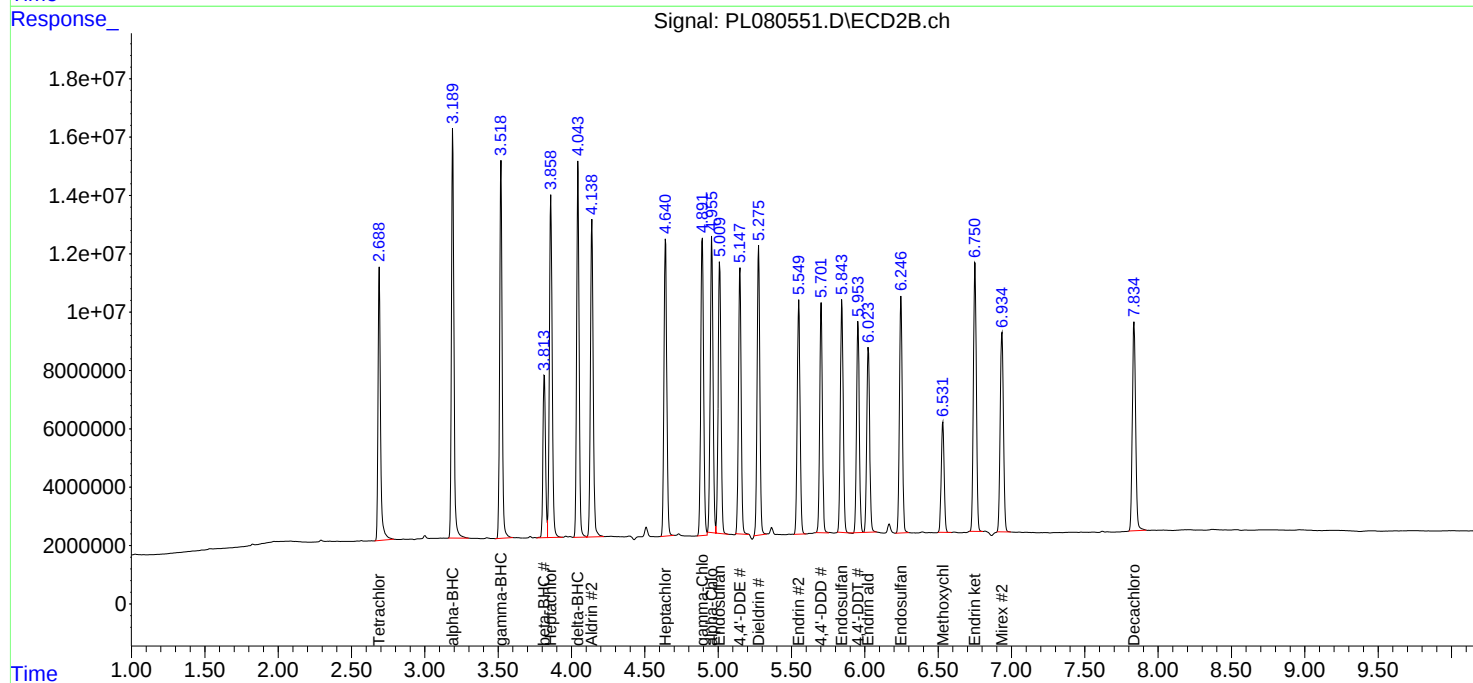
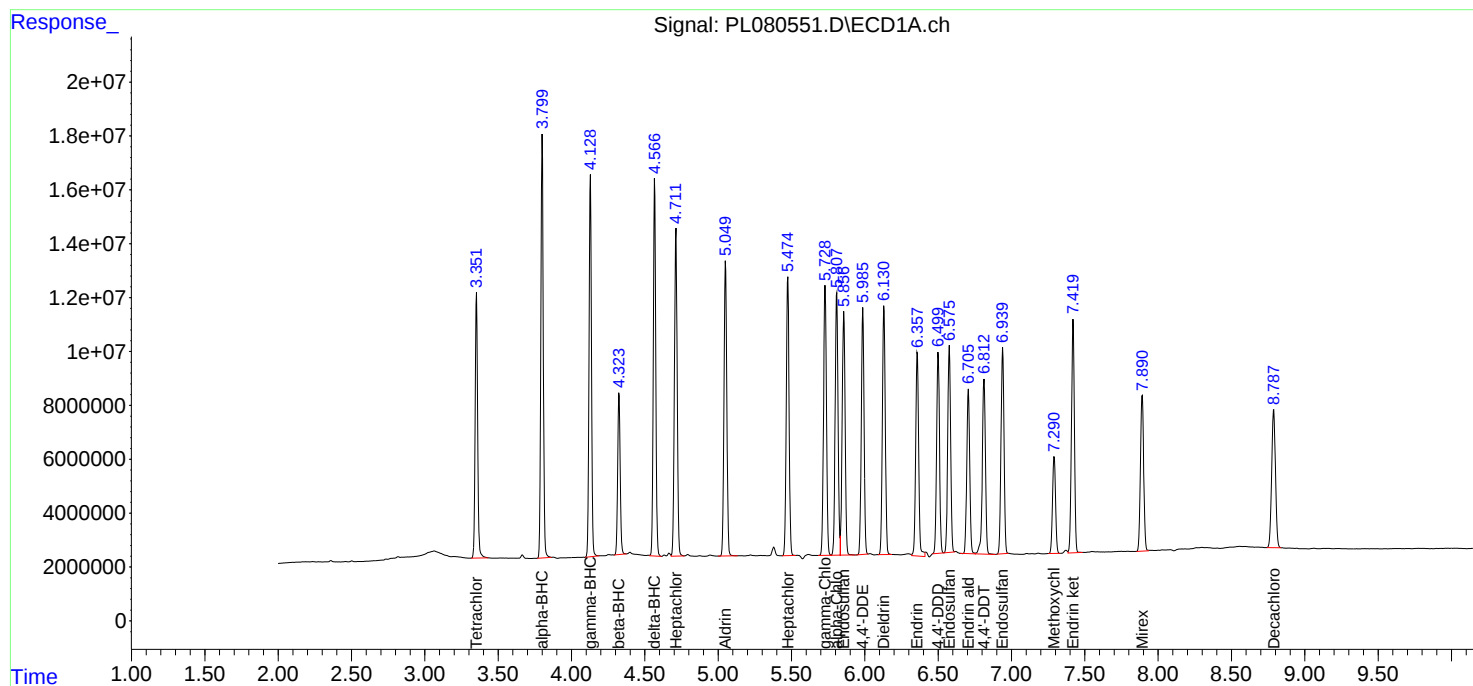
APPROVED

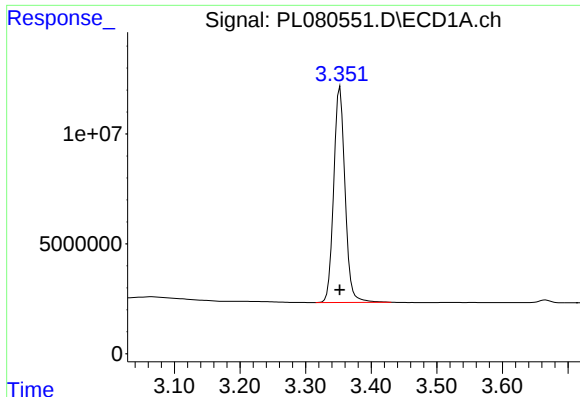
Reviewed By :Abdul Mirza 01/30/2023

Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 27 23:22:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





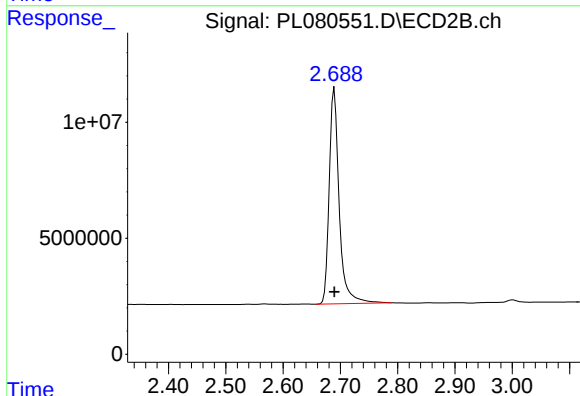
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 117927830
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

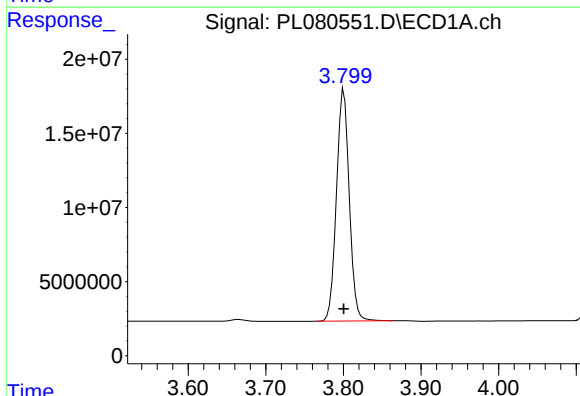
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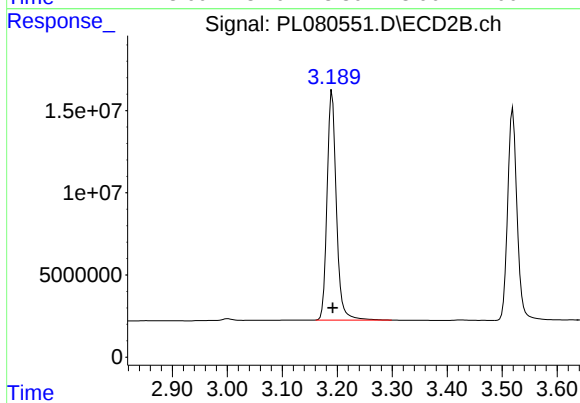
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 112473110
Conc: 51.21 ng/ml



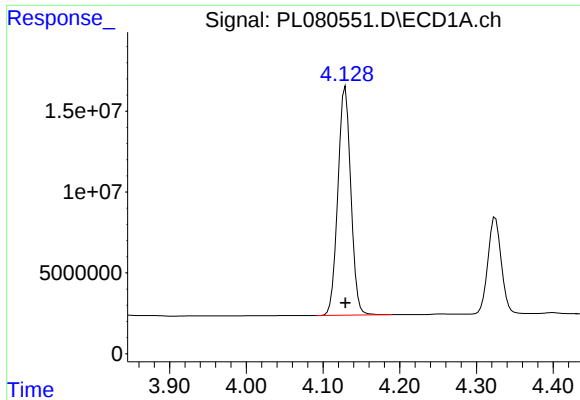
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 179582786
Conc: 56.69 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 163707960
Conc: 51.47 ng/ml



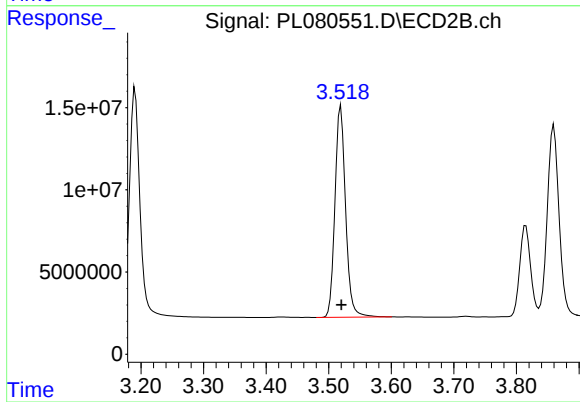
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 166140305
Conc: 56.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

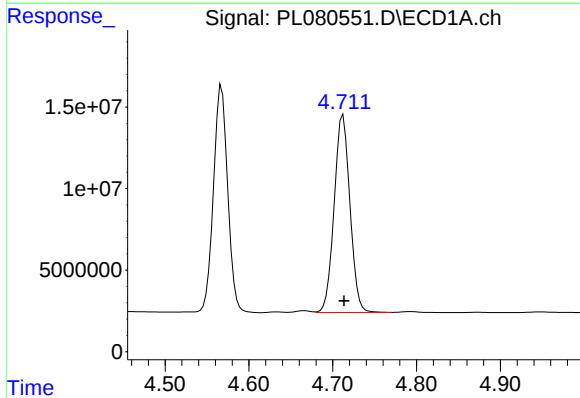
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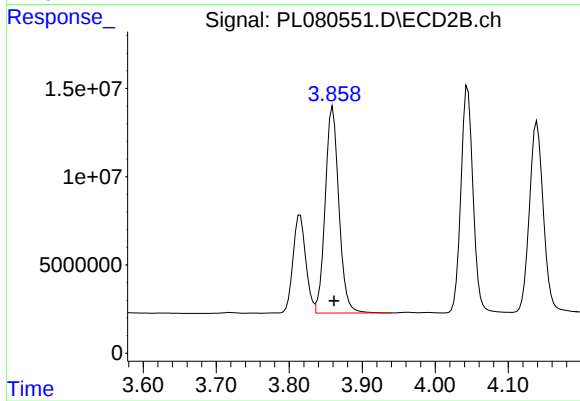
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.001 min
Response: 152483890
Conc: 51.04 ng/ml



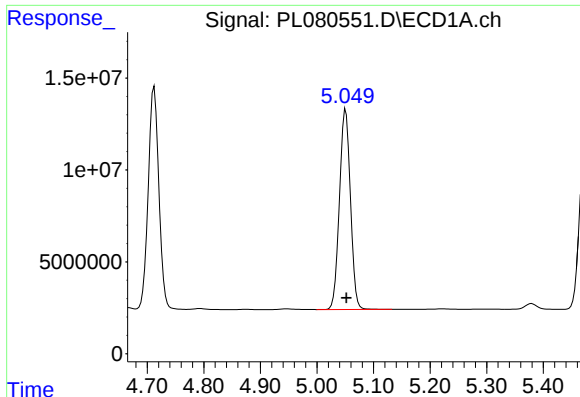
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 158359921
Conc: 53.59 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 152586383
Conc: 47.95 ng/ml



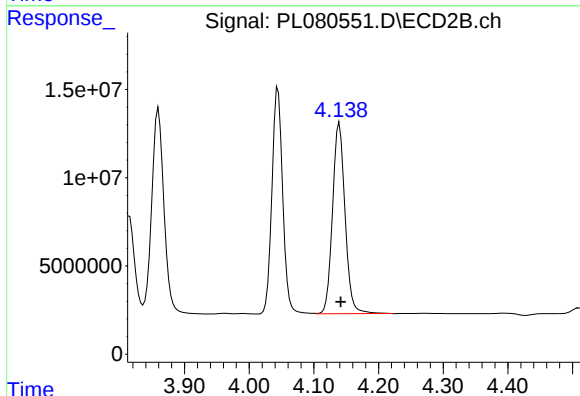
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 146734358
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

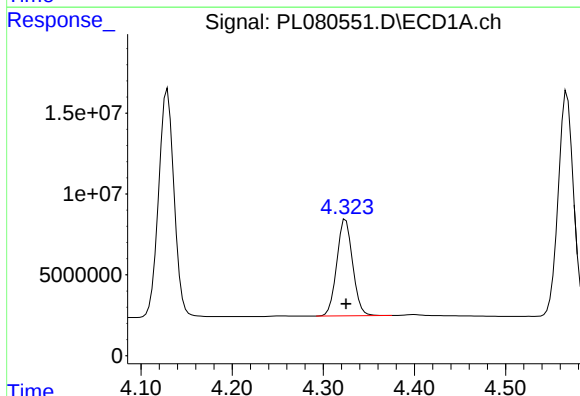
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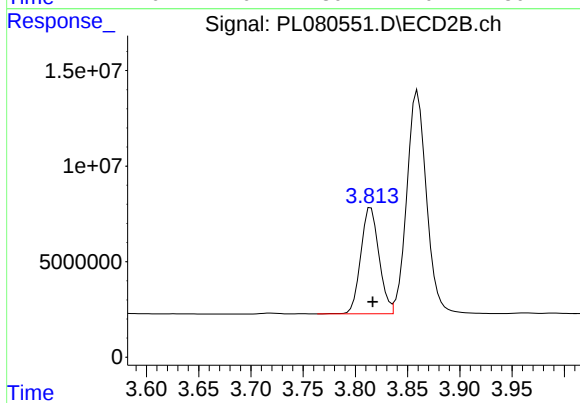
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.002 min
Response: 145073297
Conc: 49.18 ng/ml



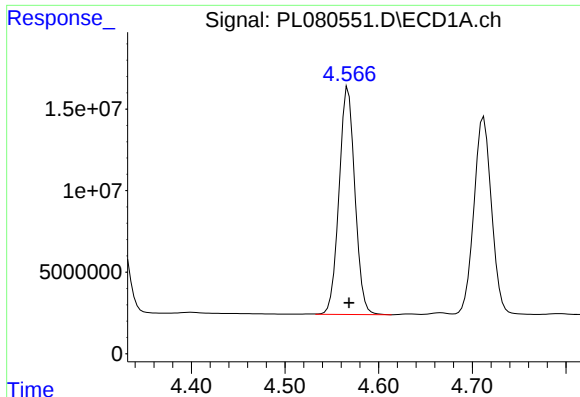
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 72295238
Conc: 52.96 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 67621569
Conc: 50.67 ng/ml



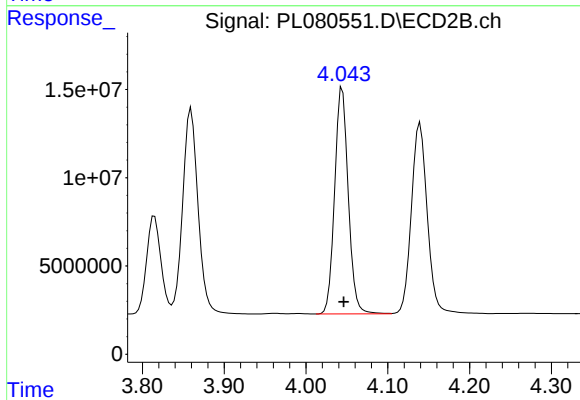
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 164025701
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

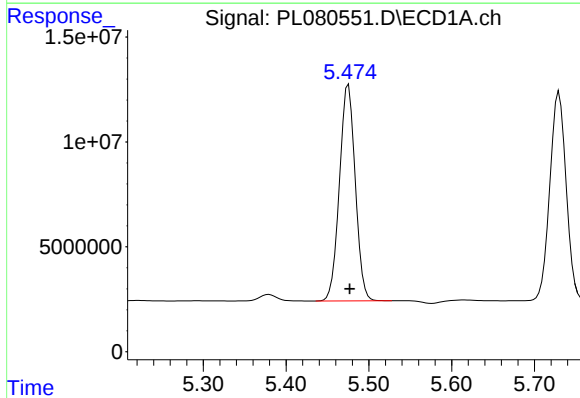
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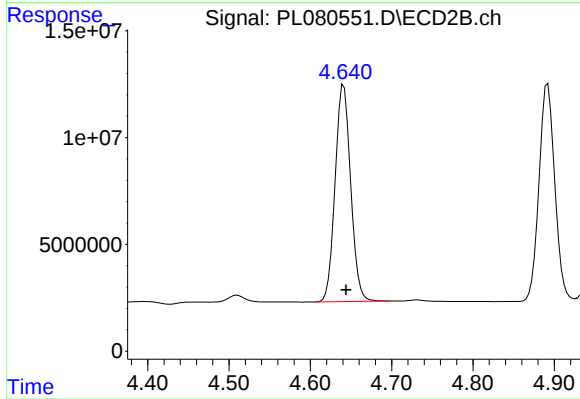
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 148638598
Conc: 51.53 ng/ml



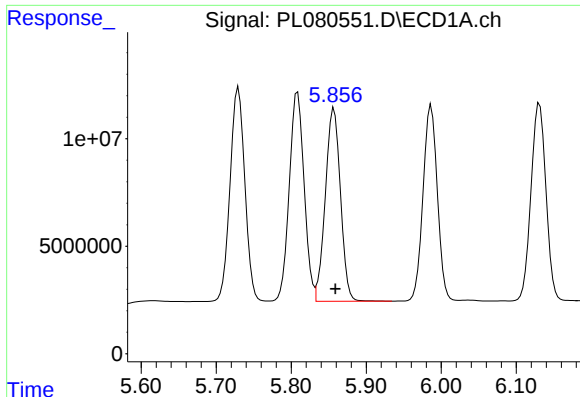
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 136960284
Conc: 52.94 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.003 min
Response: 135025054
Conc: 48.53 ng/ml



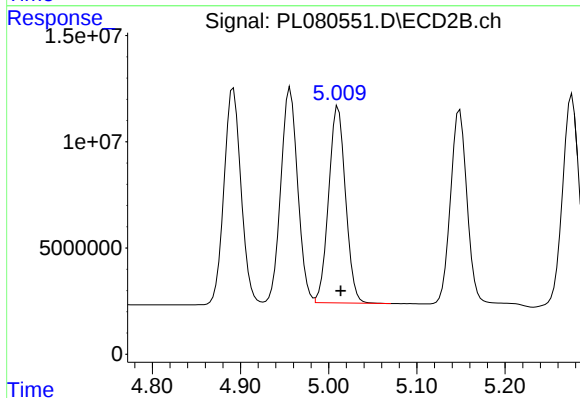
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 125804833
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

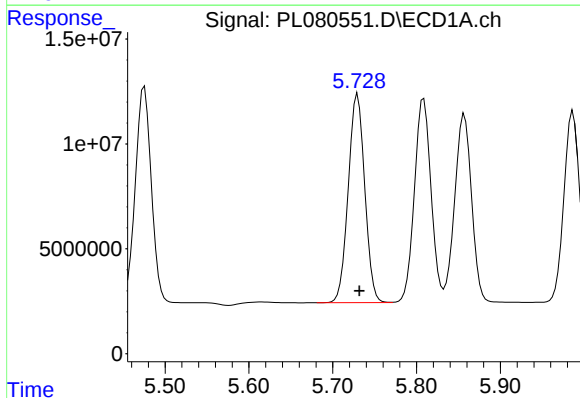
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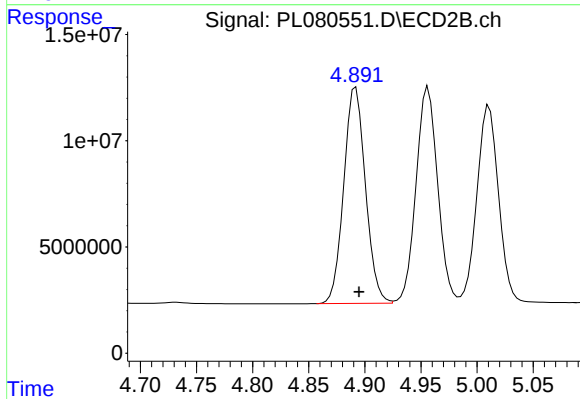
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 123152739
Conc: 47.34 ng/ml



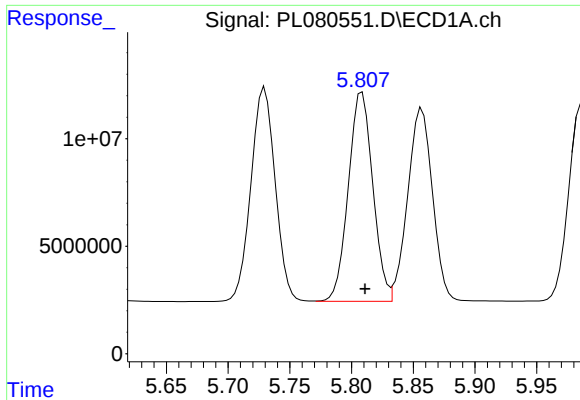
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 136370422
Conc: 53.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 136826553
Conc: 48.28 ng/ml m



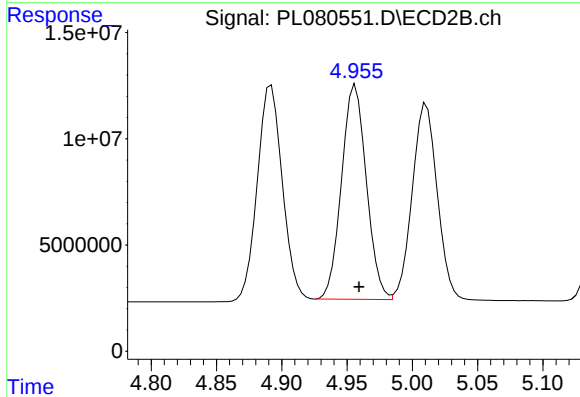
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 134253178
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

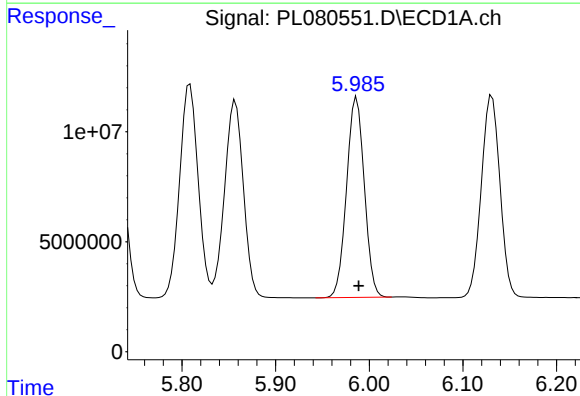
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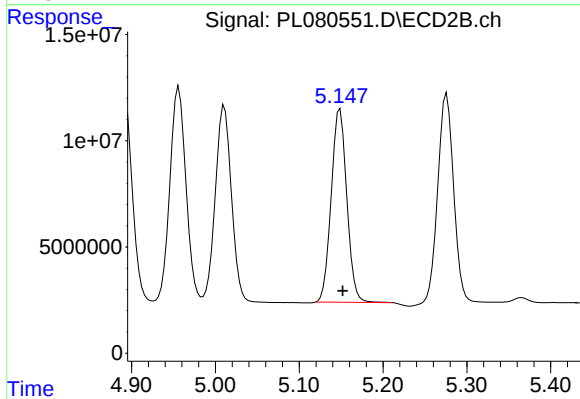
#11 alpha-Chlordane

R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 133710644
Conc: 46.68 ng/ml



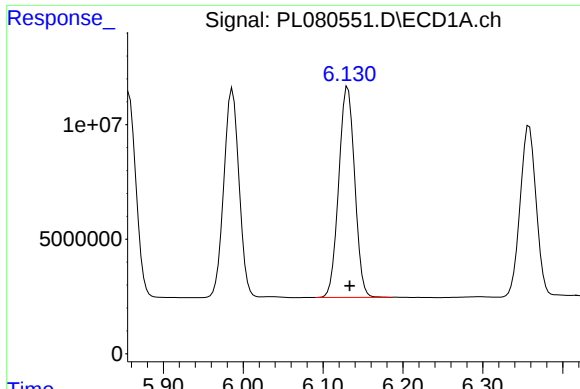
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 120070415
Conc: 53.91 ng/ml



#12 4,4'-DDE

R.T.: 5.149 min
Delta R.T.: -0.003 min
Response: 117427755
Conc: 49.78 ng/ml



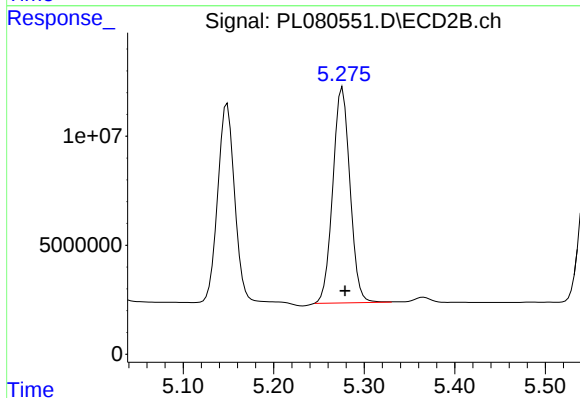
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 127573548
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

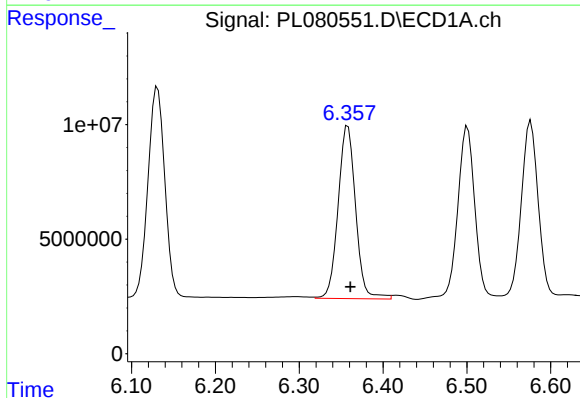
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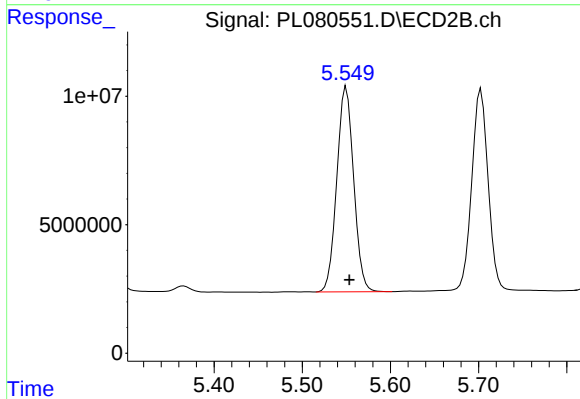
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.003 min
Response: 130187004
Conc: 48.13 ng/ml



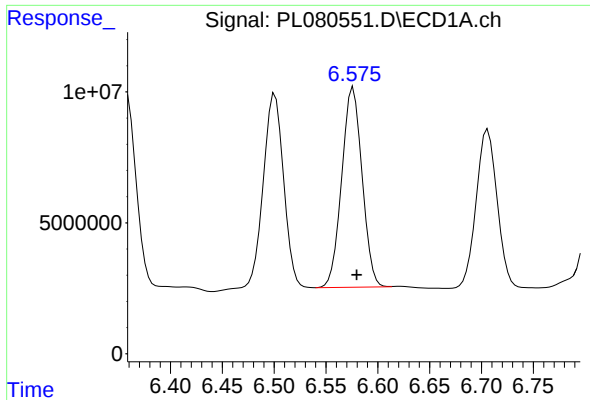
#14 Endrin

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 109455115
Conc: 50.61 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 105995414
Conc: 45.66 ng/ml



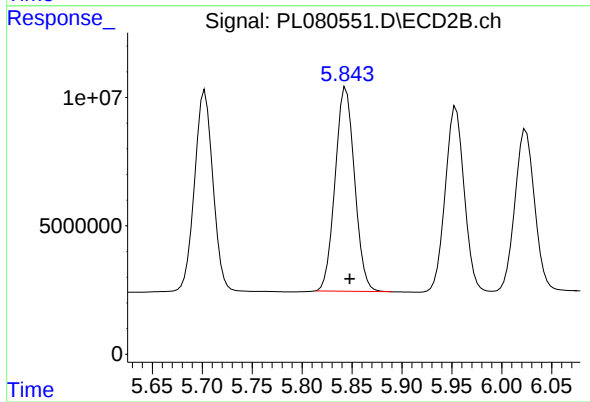
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 104295711
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

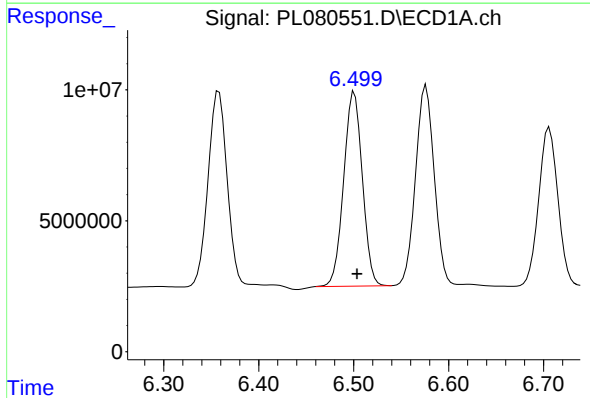
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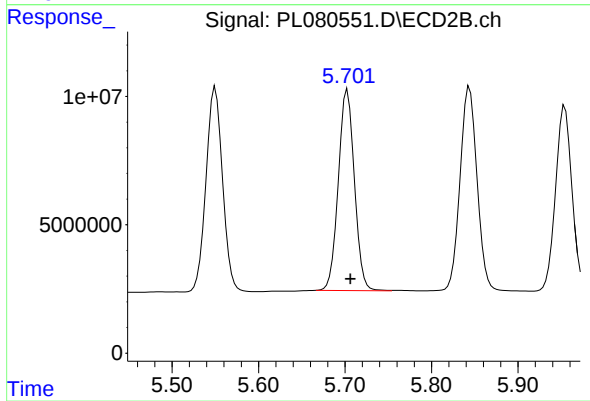
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 107748637
Conc: 51.71 ng/ml



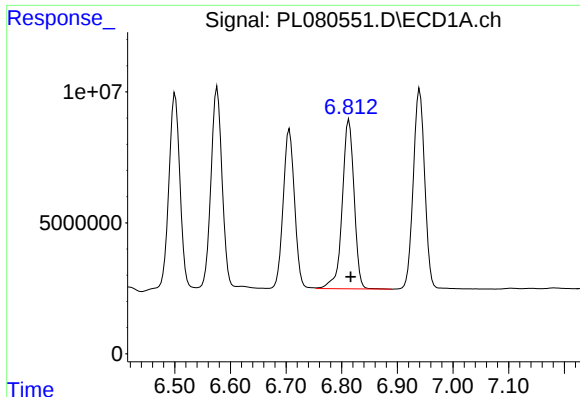
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.003 min
Response: 101414447
Conc: 55.36 ng/ml



#16 4,4'-DDD

R.T.: 5.703 min
Delta R.T.: -0.004 min
Response: 100682162
Conc: 53.58 ng/ml



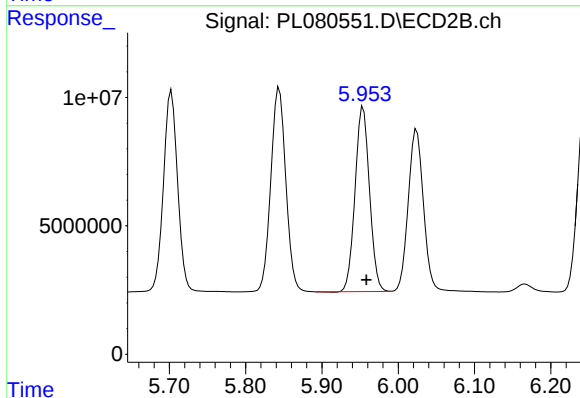
#17 4,4'-DDT

R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 95847484
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

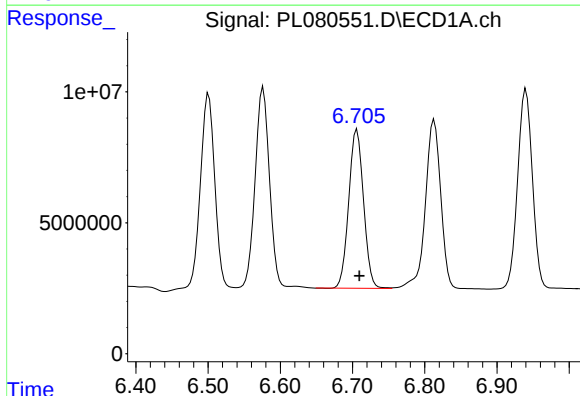
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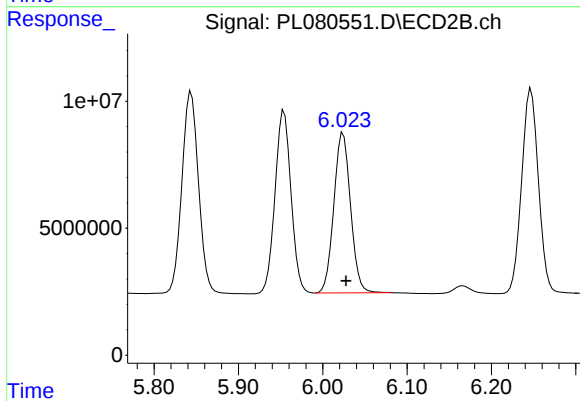
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.004 min
Response: 94597809
Conc: 45.01 ng/ml



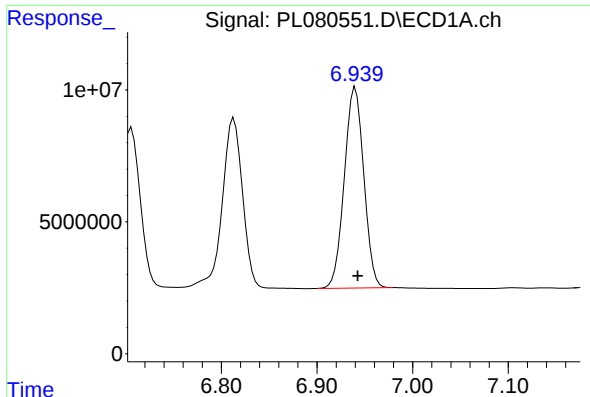
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 85921764
Conc: 51.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 86843327
Conc: 47.56 ng/ml



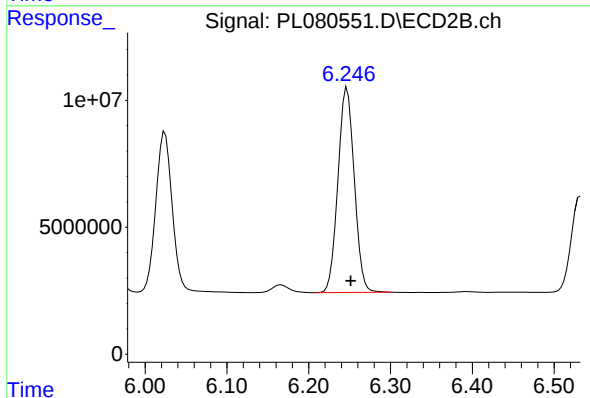
#19 Endosulfan Sulfate

R.T.: 6.940 min
Delta R.T.: -0.003 min
Response: 108061881
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

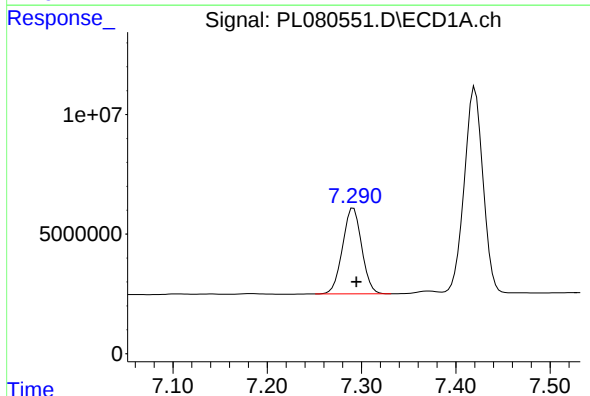
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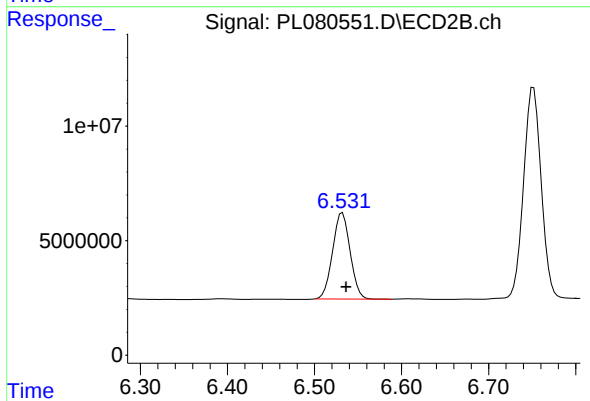
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 111650240
Conc: 48.01 ng/ml



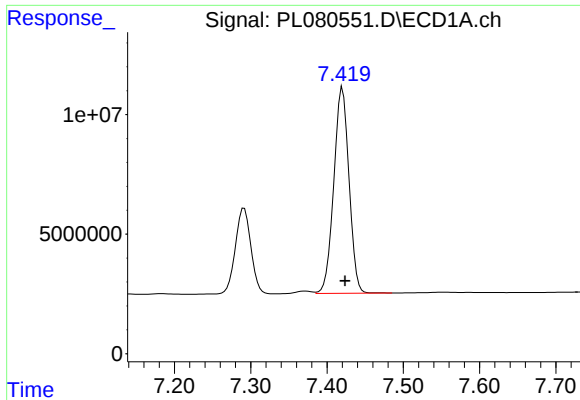
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 50547374
Conc: 45.82 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 52697970
Conc: 43.43 ng/ml



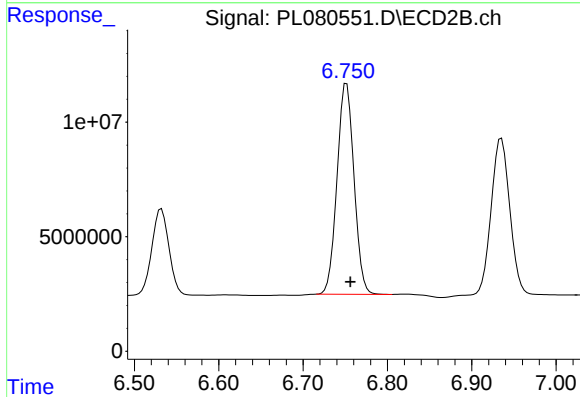
#21 Endrin ketone

R.T.: 7.420 min
Delta R.T.: -0.003 min
Response: 119068439
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

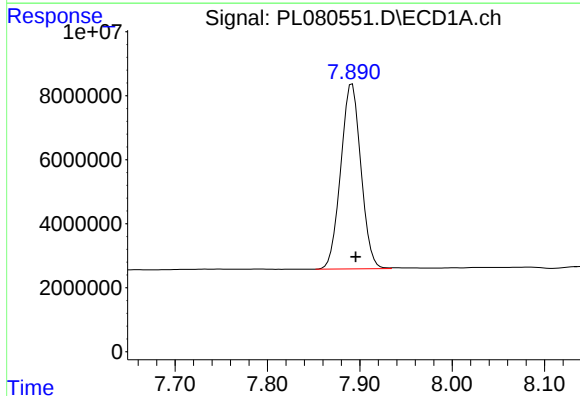
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/30/2023
Supervised By :Ankita Jodhani 01/30/2023



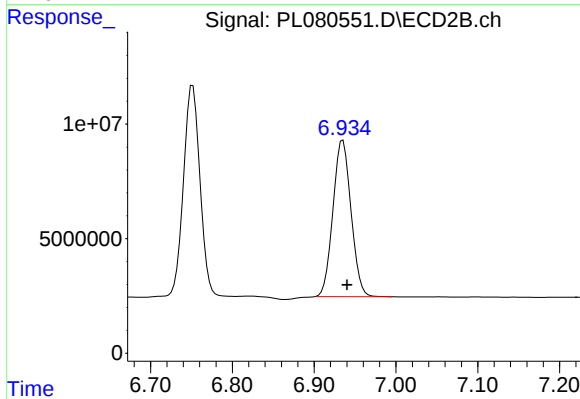
#21 Endrin ketone

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 128921225
Conc: 50.49 ng/ml



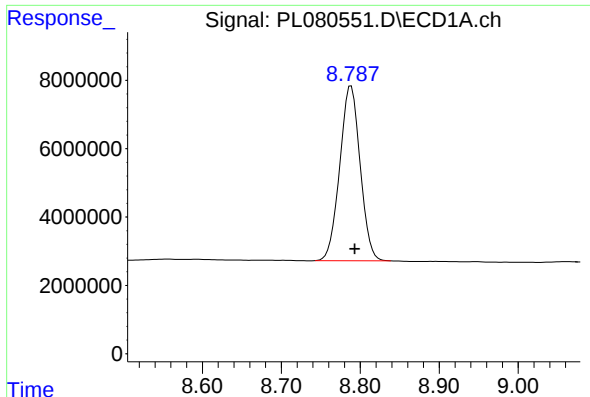
#22 Mirex

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 87613297
Conc: 50.94 ng/ml



#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.005 min
Response: 104848772
Conc: 46.05 ng/ml



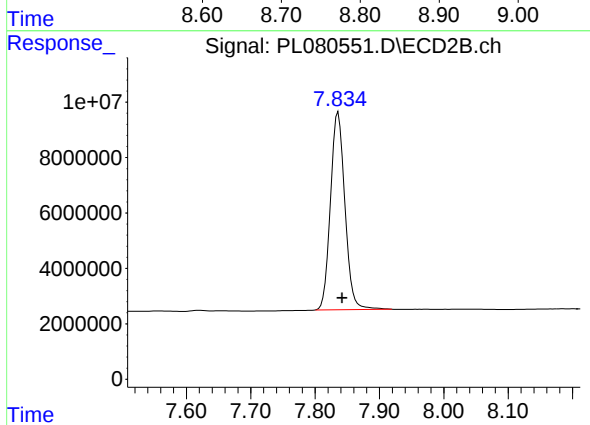
#28 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.005 min
Response: 91990671
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 01/30/2023



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: -0.006 min
Response: 111344529
Conc: 46.73 ng/ml