

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010923\
 Data File : PL080168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jan 2023 14:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2023
 Supervised By : Ankita Jodhani 01/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:32:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 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...	3.372	2.692	98937636	100.9E6	49.738	44.364
28)	SA Decachlor...	8.893	7.845	86939331	104.0E6	50.672m	46.010
Target Compounds							
2)	A alpha-BHC	3.824	3.193	147.2E6	145.9E6	51.534	43.577
3)	MA gamma-BHC...	4.156	3.522	114.1E6	136.6E6	58.047	44.535
4)	MA Heptachlor	4.745	3.864	105.8E6	137.4E6	47.563	44.259
5)	MB Aldrin	5.086	4.144	101.0E6	137.4E6	50.900	46.558
6)	B beta-BHC	4.354	3.817	42677310	59690761	46.623	44.491
7)	B delta-BHC	4.600	4.047	94733499	131.9E6	47.164	44.857
8)	B Heptachlo...	5.516	4.646	95886824	122.0E6	52.698	44.532
9)	A Endosulfan I	5.902	5.016	88768003	113.4E6	51.731	43.787
10)	B gamma-Chl...	5.774	4.897	95164998	125.6E6	52.748	45.005
11)	B alpha-Chl...	5.854	4.961	92899993	125.8E6	51.658	45.021
12)	B 4,4'-DDE	6.039	5.154	80045812	105.3E6	50.850	45.369
13)	MA Dieldrin	6.180	5.281	84681539	121.4E6	49.470	46.400
14)	MA Endrin	6.409	5.556	72848079	99670429	47.501	44.288
15)	B Endosulfa...	6.632	5.849	76822642	98235816	49.926	45.246
16)	A 4,4'-DDD	6.560	5.708	70897537	87082401	53.870	47.190
17)	MA 4,4'-DDT	6.876	5.961	68855479	88342838	46.058m	43.386
18)	B Endrin al...	6.763	6.030	59572699	79121707	49.023m	45.062
19)	B Endosulfa...	7.001	6.253	79869242	101.0E6	48.838	45.452
20)	A Methoxychlor	7.371	6.539	41822286	49736912	47.030	43.398
21)	B Endrin ke...	7.486	6.758	89725785	114.1E6	50.415	46.805
22)	Mirex	7.962	6.943	75490508	96562072	48.686	46.782

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

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 Data File : PL080168.D
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 Acq On : 09 Jan 2023 14:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

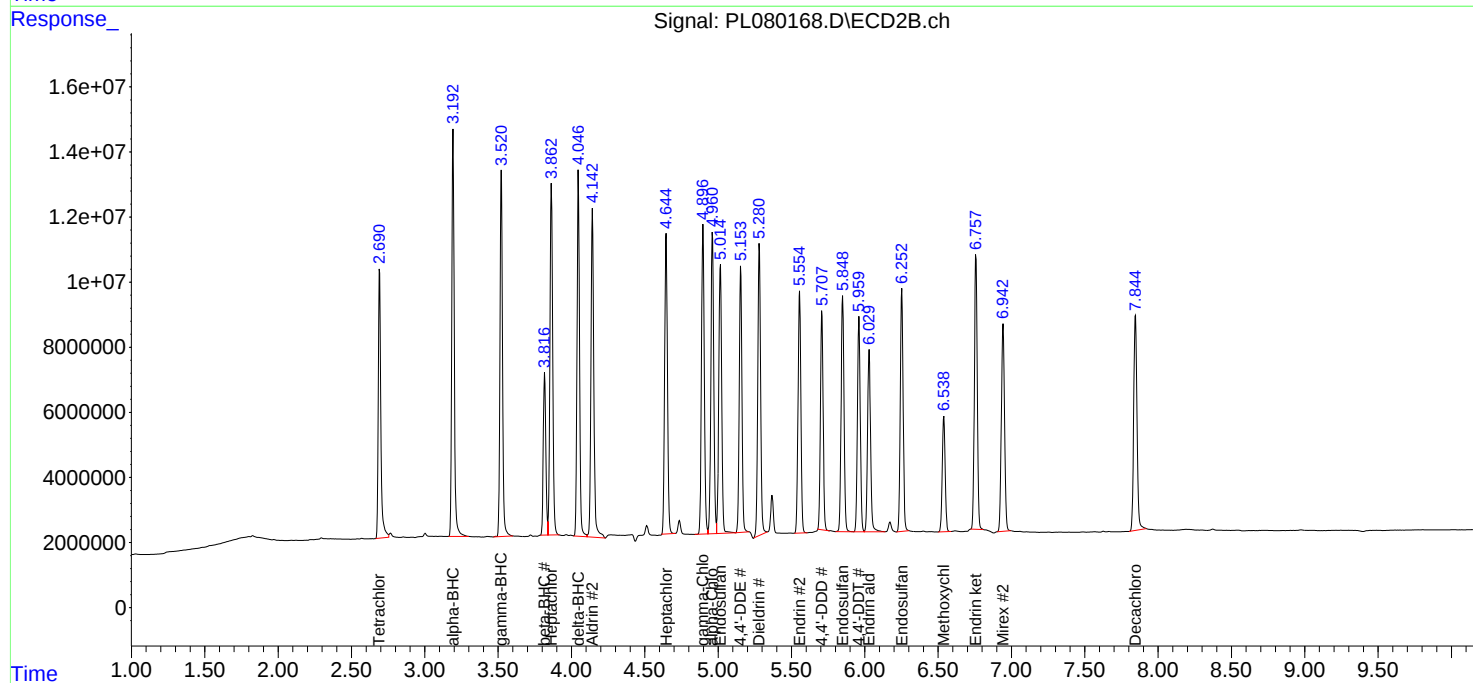
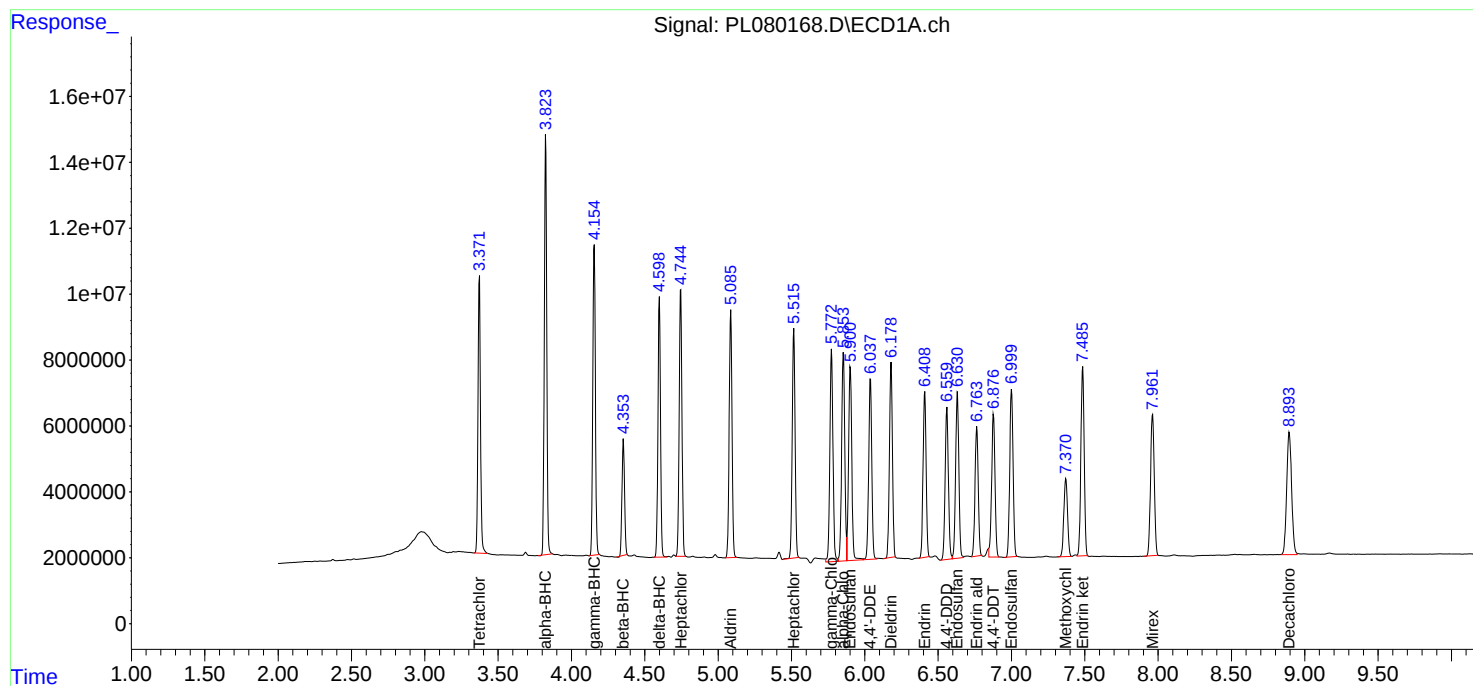
APPROVED

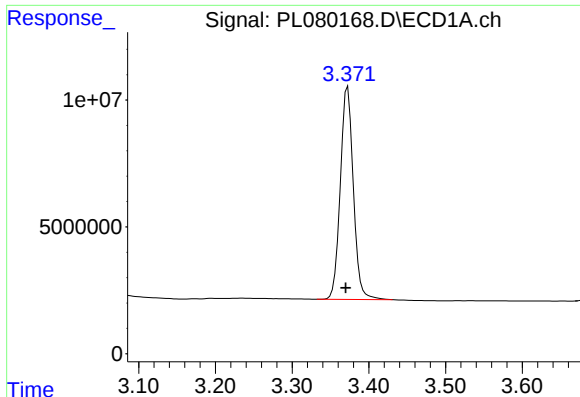
Reviewed By :Abdul Mirza 01/10/2023

Supervised By :Ankita Jodhani 01/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 09 20:32:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
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 QLast Update : Thu Jan 05 05:11:24 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





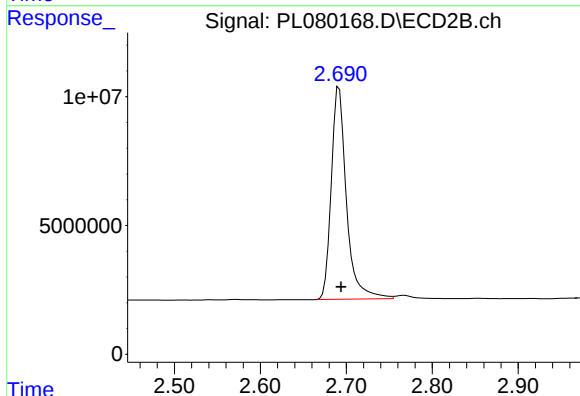
#1 Tetrachloro-m-xylene

R.T.: 3.372 min
Delta R.T.: 0.002 min
Response: 98937636
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

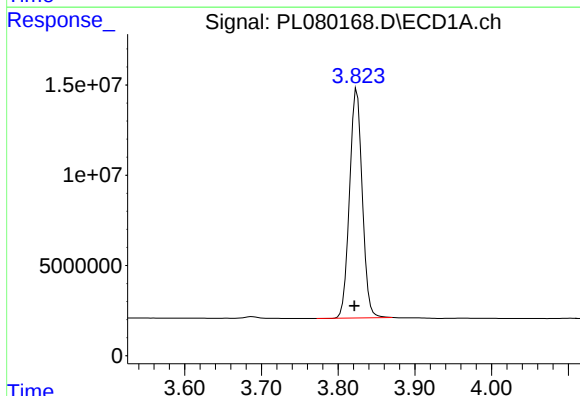
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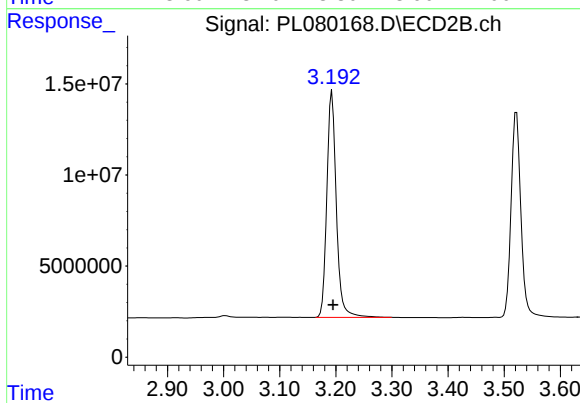
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: -0.002 min
Response: 100876650
Conc: 44.36 ng/ml



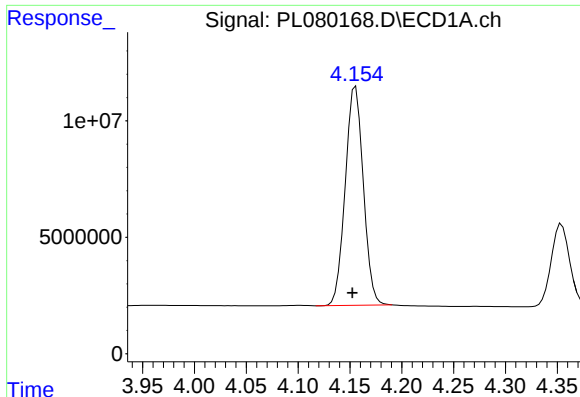
#2 alpha-BHC

R.T.: 3.824 min
Delta R.T.: 0.003 min
Response: 147237162
Conc: 51.53 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: -0.002 min
Response: 145948016
Conc: 43.58 ng/ml



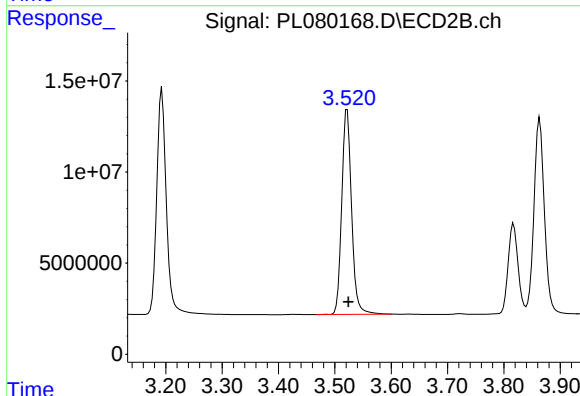
#3 gamma-BHC (Lindane)

R.T.: 4.156 min
Delta R.T.: 0.003 min
Response: 114081132
Conc: 58.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

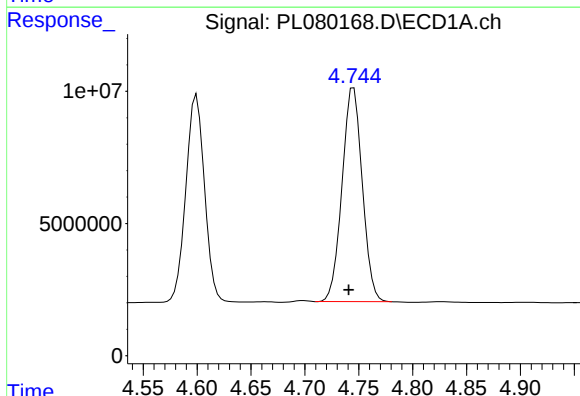
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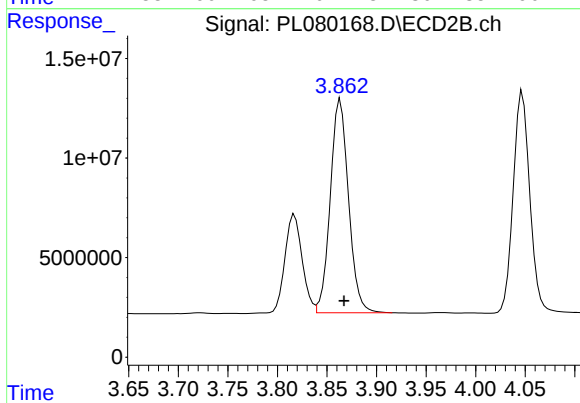
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 136575393
Conc: 44.54 ng/ml



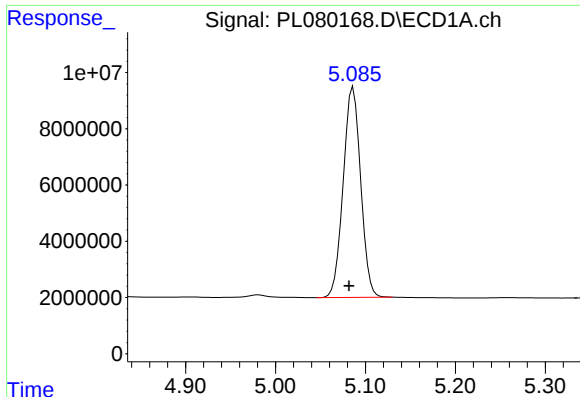
#4 Heptachlor

R.T.: 4.745 min
Delta R.T.: 0.005 min
Response: 105764832
Conc: 47.56 ng/ml



#4 Heptachlor

R.T.: 3.864 min
Delta R.T.: -0.004 min
Response: 137394648
Conc: 44.26 ng/ml



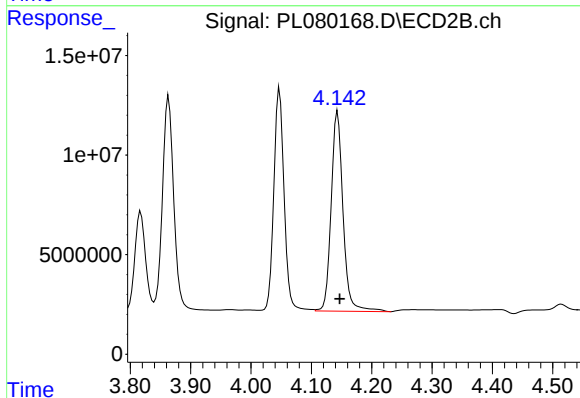
#5 Aldrin

R.T.: 5.086 min
Delta R.T.: 0.005 min
Response: 101001044
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

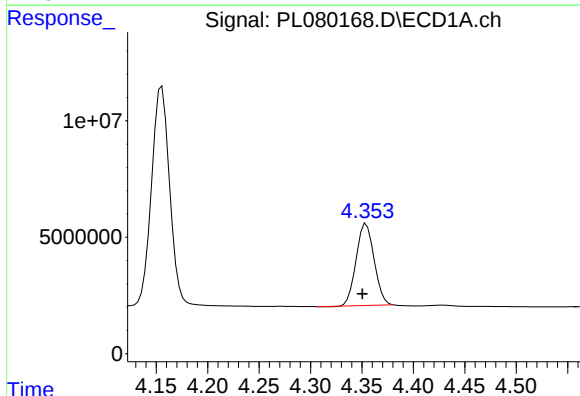
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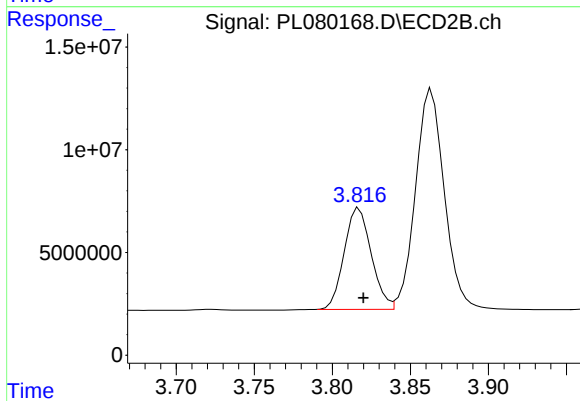
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 137391254
Conc: 46.56 ng/ml



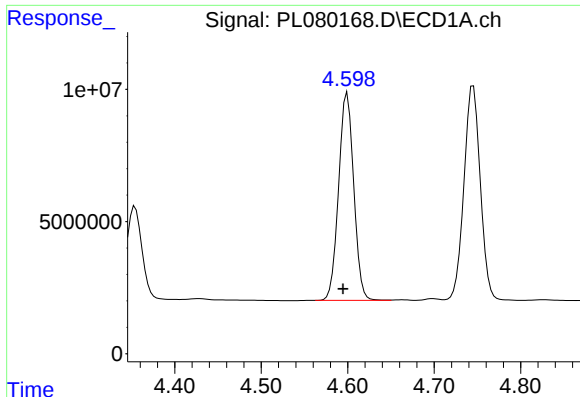
#6 beta-BHC

R.T.: 4.354 min
Delta R.T.: 0.004 min
Response: 42677310
Conc: 46.62 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.003 min
Response: 59690761
Conc: 44.49 ng/ml



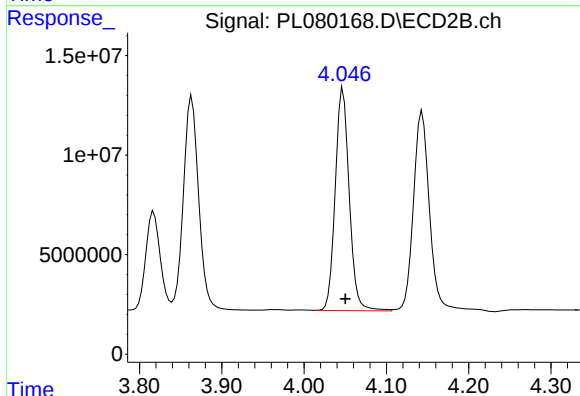
#7 delta-BHC

R.T.: 4.600 min
Delta R.T.: 0.005 min
Response: 94733499
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

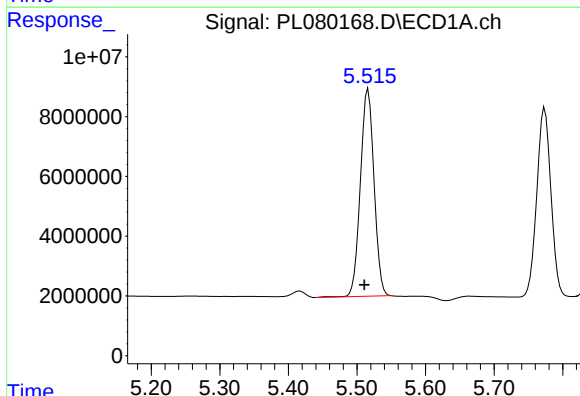
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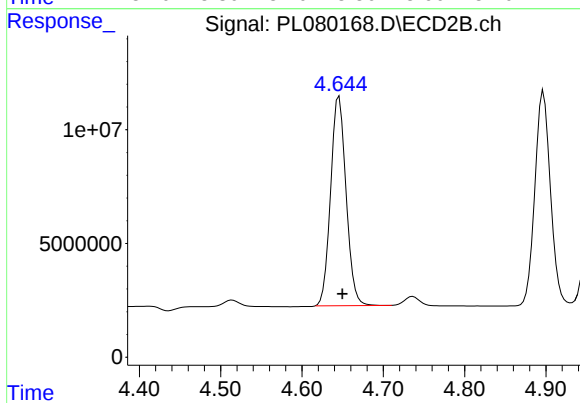
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 131884523
Conc: 44.86 ng/ml



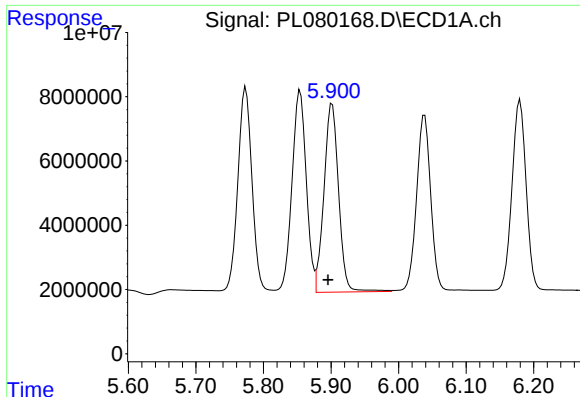
#8 Heptachlor epoxide

R.T.: 5.516 min
Delta R.T.: 0.005 min
Response: 95886824
Conc: 52.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 121998830
Conc: 44.53 ng/ml



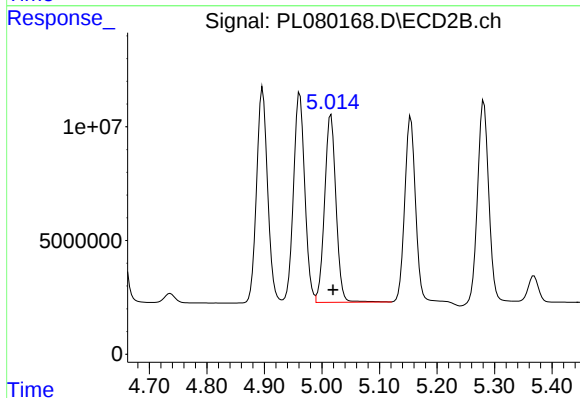
#9 Endosulfan I

R.T.: 5.902 min
Delta R.T.: 0.006 min
Response: 88768003
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

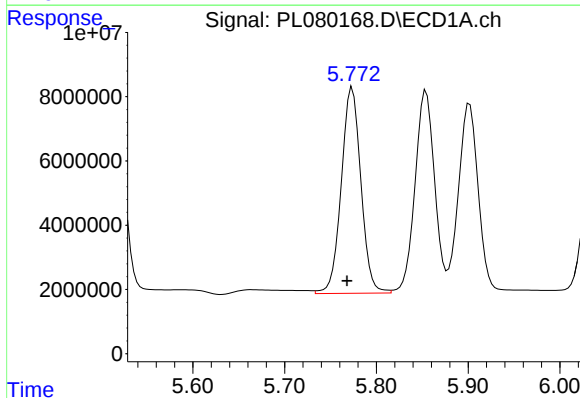
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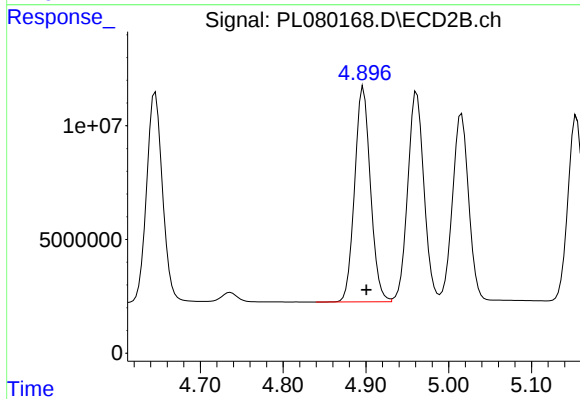
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 113411098
Conc: 43.79 ng/ml



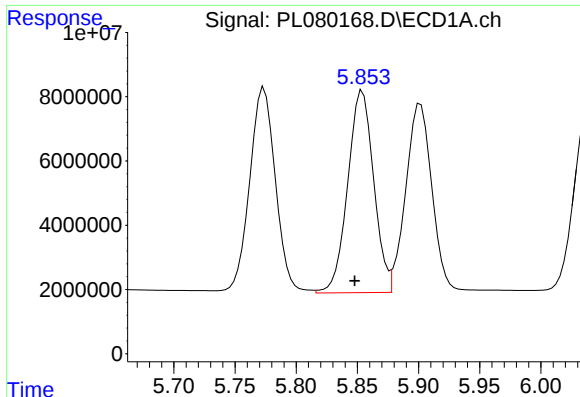
#10 gamma-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.006 min
Response: 95164998
Conc: 52.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.004 min
Response: 125609970
Conc: 45.00 ng/ml



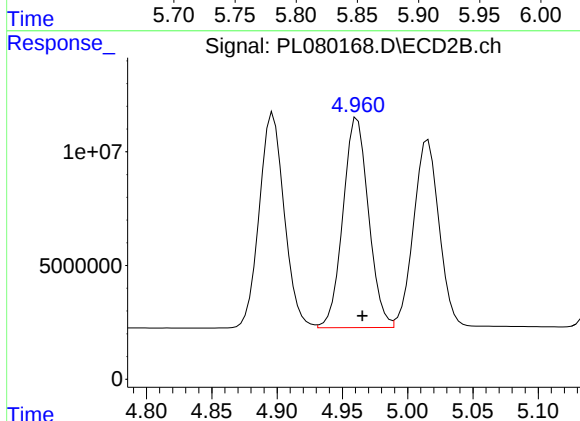
#11 alpha-Chlordane

R.T.: 5.854 min
Delta R.T.: 0.006 min
Response: 92899993
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

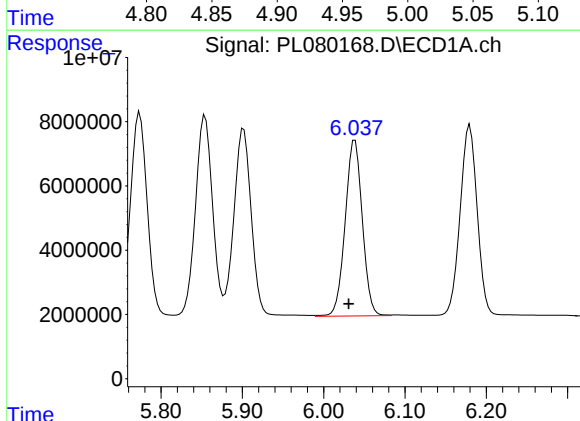
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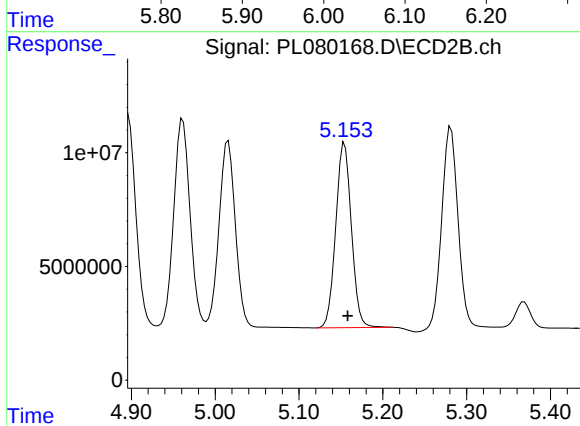
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 125785437
Conc: 45.02 ng/ml



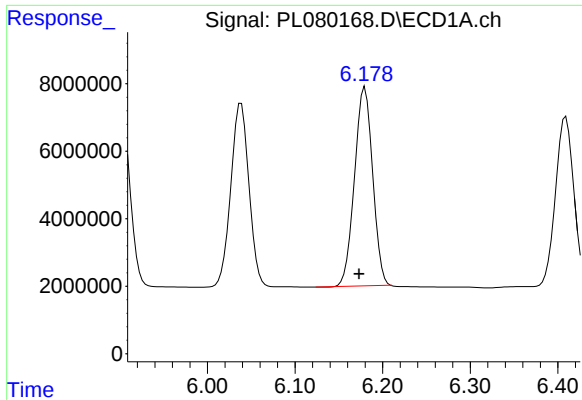
#12 4,4'-DDE

R.T.: 6.039 min
Delta R.T.: 0.008 min
Response: 80045812
Conc: 50.85 ng/ml



#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: -0.004 min
Response: 105268917
Conc: 45.37 ng/ml



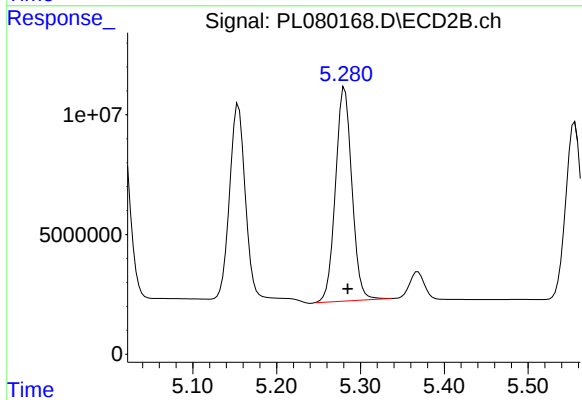
#13 Dieldrin

R.T.: 6.180 min
Delta R.T.: 0.007 min
Response: 84681539
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

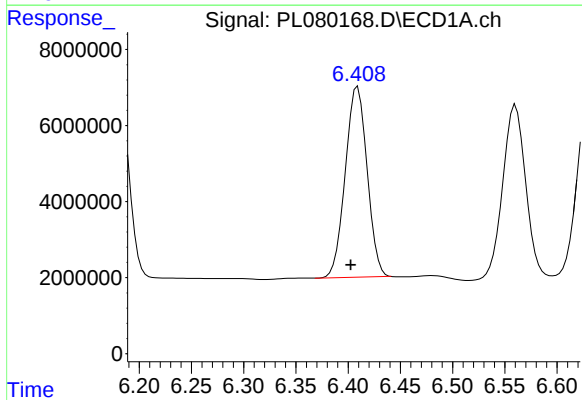
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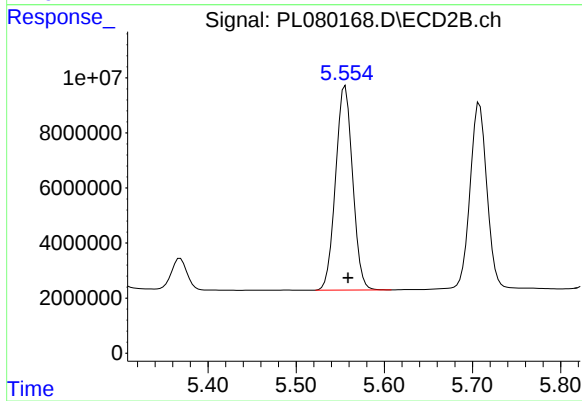
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.004 min
Response: 121362454
Conc: 46.40 ng/ml



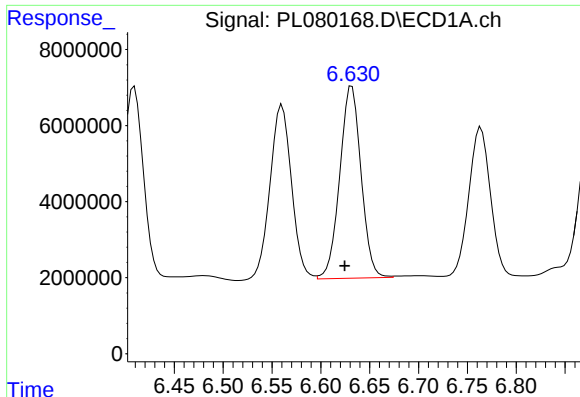
#14 Endrin

R.T.: 6.409 min
Delta R.T.: 0.007 min
Response: 72848079
Conc: 47.50 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.003 min
Response: 99670429
Conc: 44.29 ng/ml



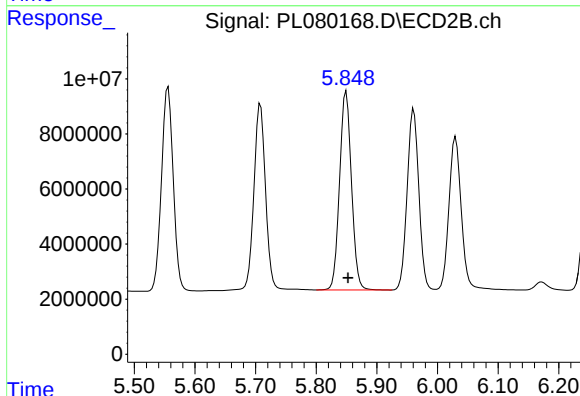
#15 Endosulfan II

R.T.: 6.632 min
Delta R.T.: 0.007 min
Response: 76822642
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

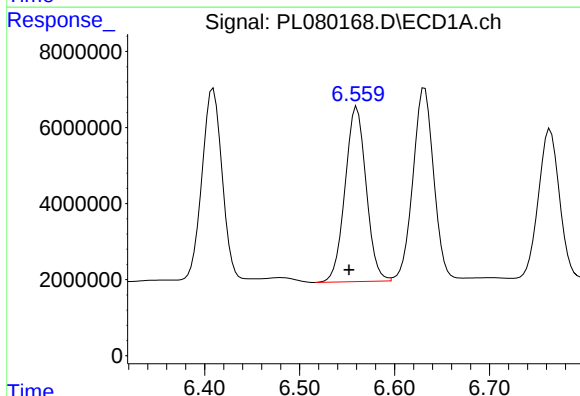
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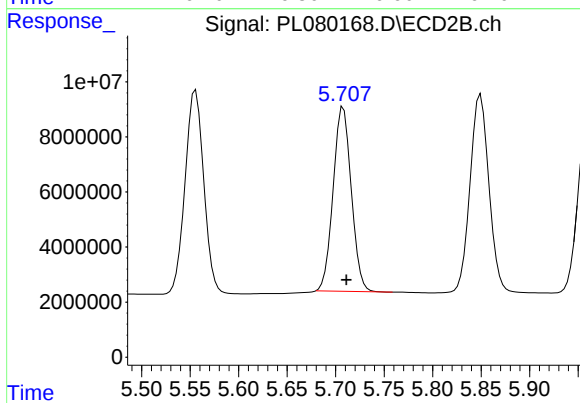
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 98235816
Conc: 45.25 ng/ml



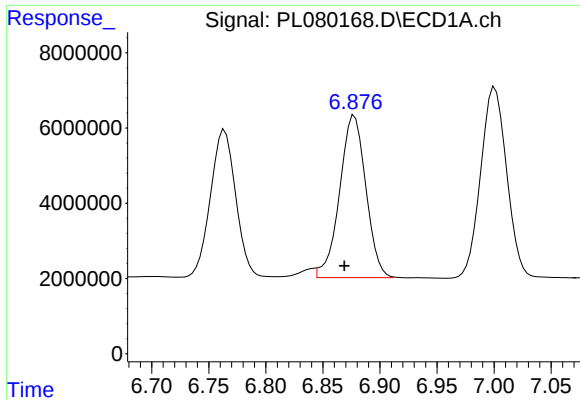
#16 4,4'-DDD

R.T.: 6.560 min
Delta R.T.: 0.008 min
Response: 70897537
Conc: 53.87 ng/ml



#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: -0.003 min
Response: 87082401
Conc: 47.19 ng/ml



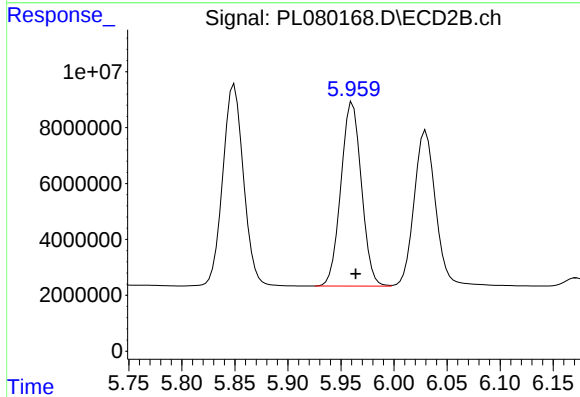
#17 4,4'-DDT

R.T.: 6.876 min
Delta R.T.: 0.008 min
Response: 68855479
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

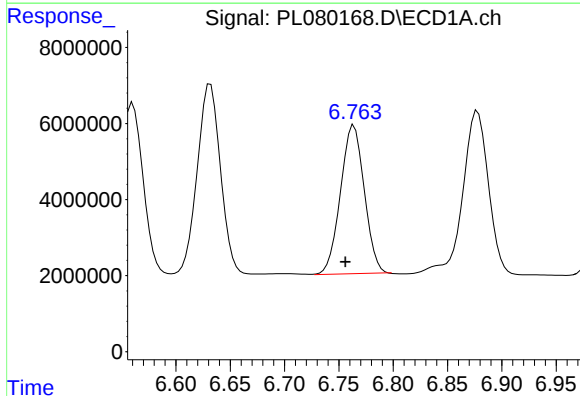
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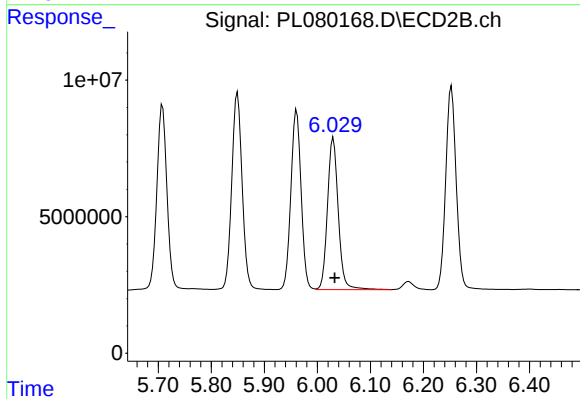
#17 4,4'-DDT

R.T.: 5.961 min
Delta R.T.: -0.003 min
Response: 88342838
Conc: 43.39 ng/ml



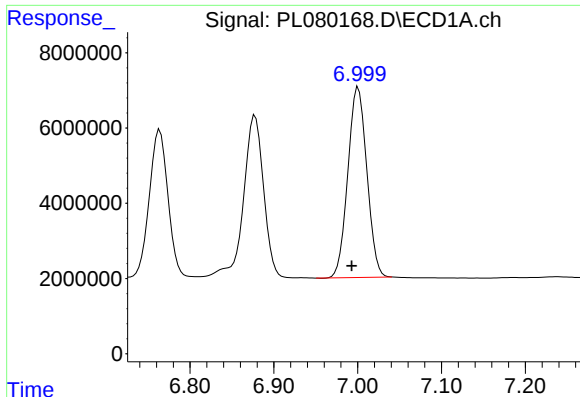
#18 Endrin aldehyde

R.T.: 6.763 min
Delta R.T.: 0.006 min
Response: 59572699
Conc: 49.02 ng/ml m



#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 79121707
Conc: 45.06 ng/ml



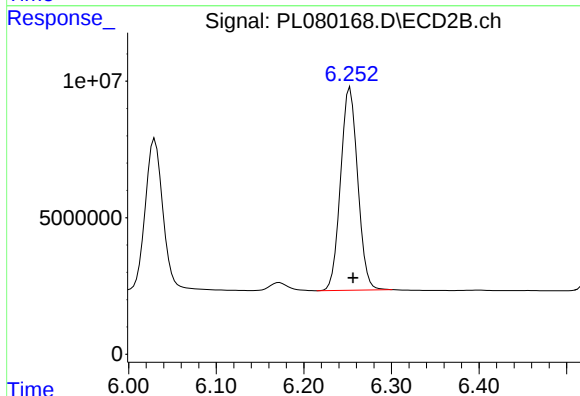
#19 Endosulfan Sulfate

R.T.: 7.001 min
Delta R.T.: 0.008 min
Response: 79869242
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

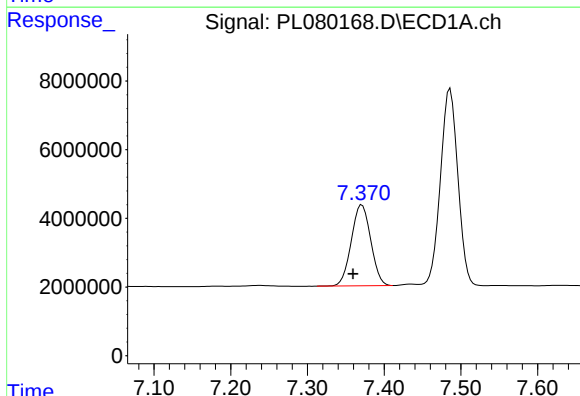
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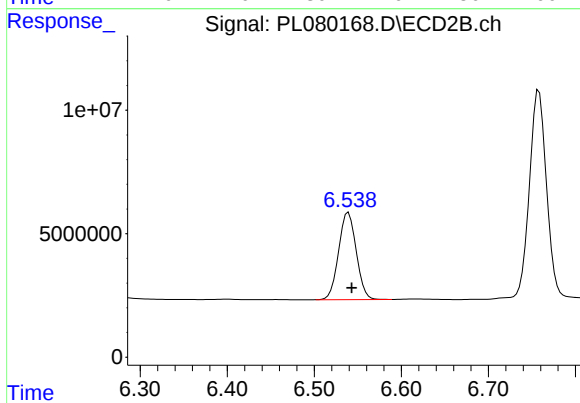
#19 Endosulfan Sulfate

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 100982307
Conc: 45.45 ng/ml



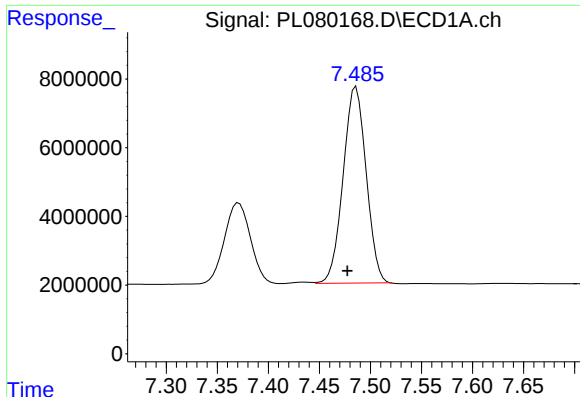
#20 Methoxychlor

R.T.: 7.371 min
Delta R.T.: 0.012 min
Response: 41822286
Conc: 47.03 ng/ml



#20 Methoxychlor

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 49736912
Conc: 43.40 ng/ml



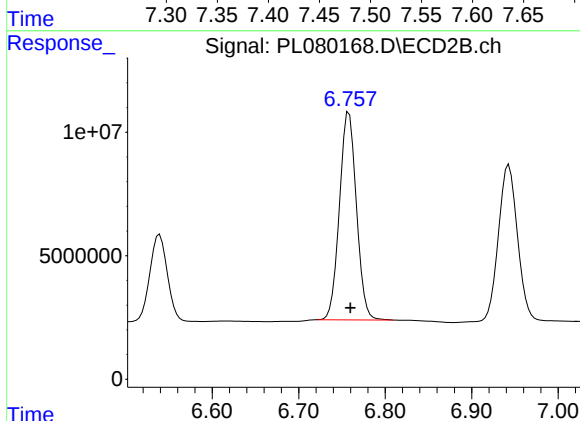
#21 Endrin ketone

R.T.: 7.486 min
Delta R.T.: 0.009 min
Response: 89725785
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

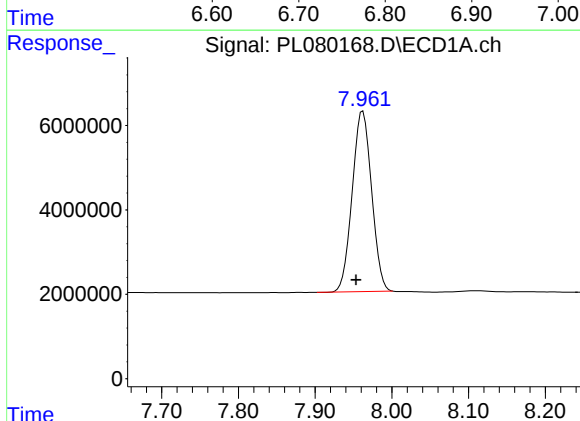
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2023
Supervised By :Ankita Jodhani 01/10/2023



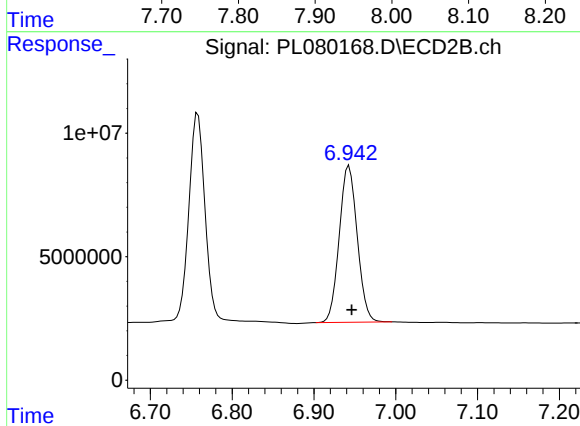
#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 114065121
Conc: 46.80 ng/ml



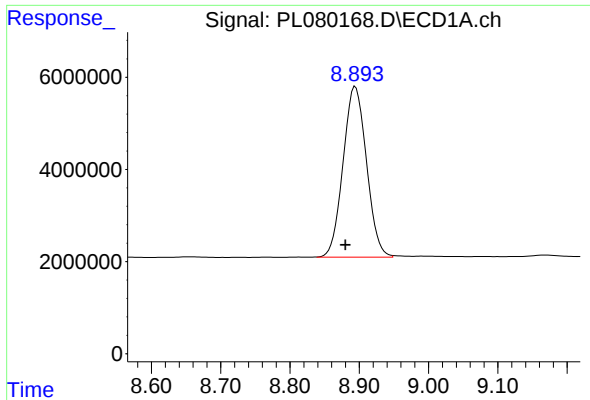
#22 Mirex

R.T.: 7.962 min
Delta R.T.: 0.009 min
Response: 75490508
Conc: 48.69 ng/ml



#22 Mirex

R.T.: 6.943 min
Delta R.T.: -0.003 min
Response: 96562072
Conc: 46.78 ng/ml



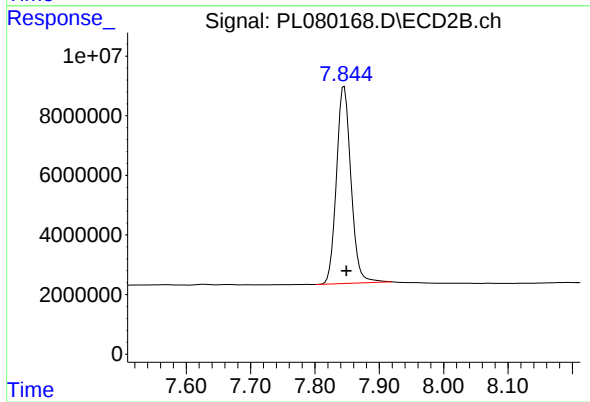
#28 Decachlorobiphenyl

R.T.: 8.893 min
Delta R.T.: 0.013 min
Response: 86939331
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 01/10/2023



#28 Decachlorobiphenyl

R.T.: 7.845 min
Delta R.T.: -0.004 min
Response: 103950374
Conc: 46.01 ng/ml