

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 18:08
 Operator : AR\AJ
 Sample : PB151055BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151055BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/01/2023
 Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 21:59:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 15:14:21 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...	3.338	2.669	31624246	32433000	22.161	18.860
28) SA Decachlor...	8.766	7.794	20577225	26374658	21.488	23.684
Target Compounds						
2) A alpha-BHC	3.788	3.170	110.2E6	114.8E6	54.778m	48.046
3) MA gamma-BHC...	4.118	3.499	101.4E6	109.1E6	55.885	49.383
4) MA Heptachlor	4.697	3.833	92283378	103.3E6	56.782	51.074
5) MB Aldrin	5.035	4.111	86675877	103.0E6	57.917	50.633
6) B beta-BHC	4.320	3.798	44800283	43696156	54.166	49.138
7) B delta-BHC	4.563	4.026	91659323	93381338	54.300	48.836
8) B Heptachlo...	5.462	4.614	78669882	96185642	56.697	54.014
9) A Endosulfan I	5.843	4.982	69557600	85778916	57.353	54.622
10) B gamma-Chl...	5.716	4.863	75530371	93215771	57.267	53.005
11) B alpha-Chl...	5.794	4.927	74125459	93226799	58.326	54.305
12) B 4,4'-DDE	5.972	5.117	63137913	73755487	54.717	53.780
13) MA Dieldrin	6.118	5.247	67490657	87699604	53.585	54.687
14) MA Endrin	6.343	5.521	58789143	74982228	52.782m	55.948
15) B Endosulfa...	6.566	5.817	57058357	67984756	49.996	58.835
16) A 4,4'-DDD	6.487	5.672	50328377	60206071	52.573	55.530
17) MA 4,4'-DDT	6.799	5.922	46948573	54824722	52.461	57.043
18) B Endrin al...	6.696	5.999	44534222	55574807	53.164m	56.602
19) B Endosulfa...	6.931	6.222	55492128	71317763	53.708	57.662
20) A Methoxychlor	7.280	6.502	24275297	30931022	52.262	61.584
21) B Endrin ke...	7.410	6.727	57736495	76781739	50.308m	57.549
22) Mirex	7.874	6.899	42992102	66735057	49.798	59.315

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
Data File : PL081164.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2023 18:08
Operator : AR\AJ
Sample : PB151055BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151055BS

Manual Integrations

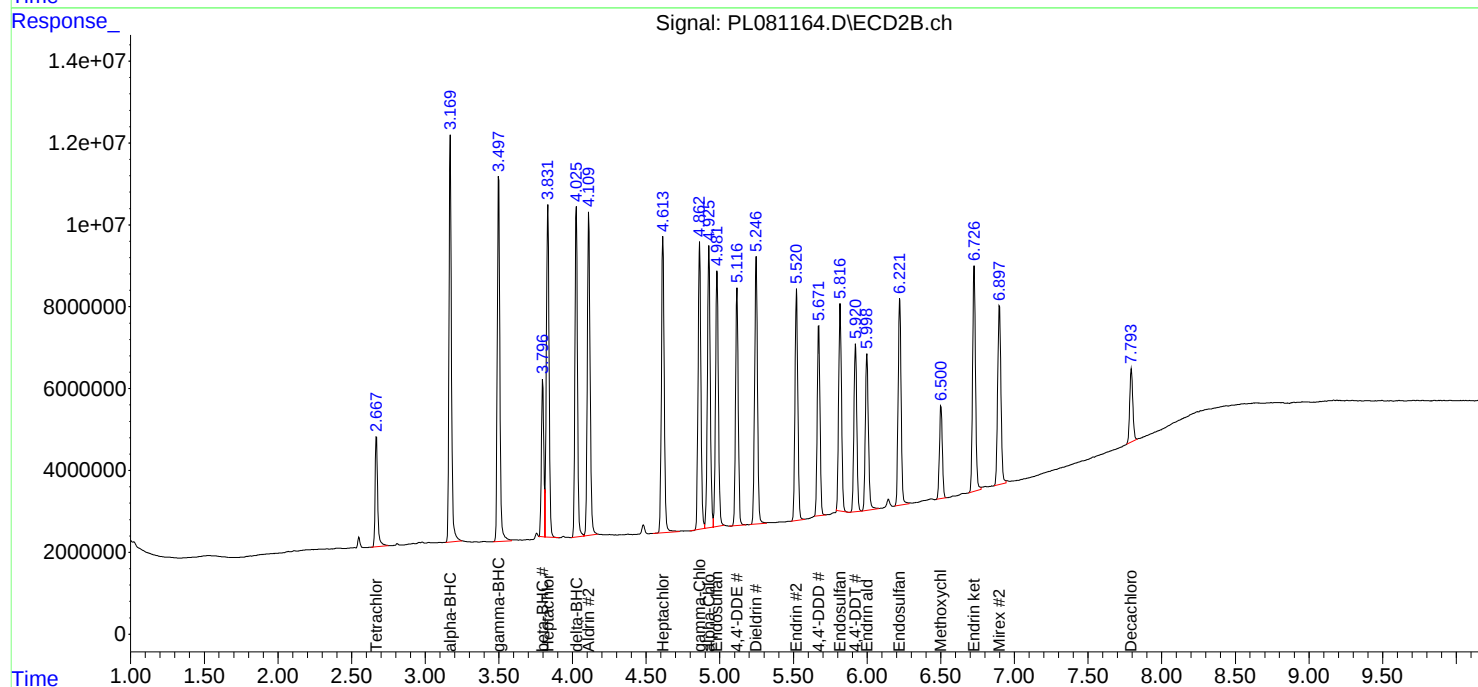
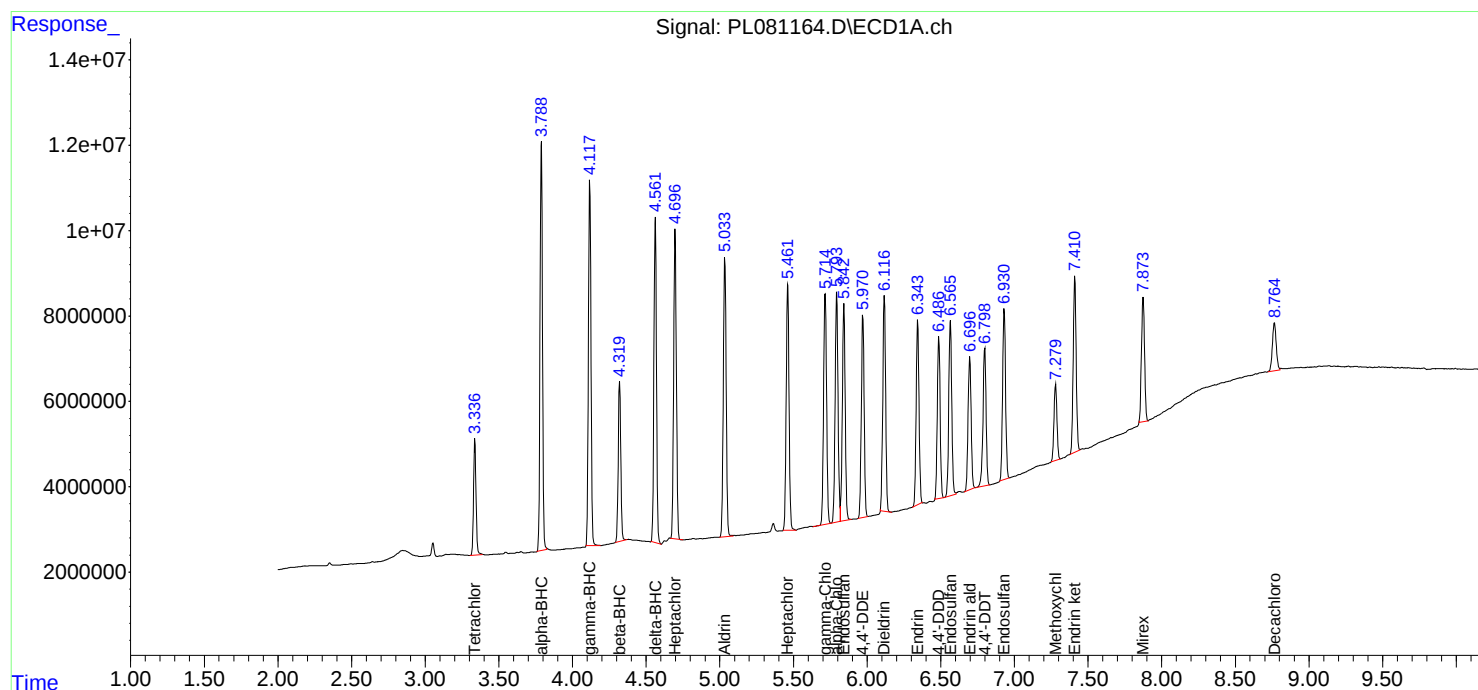
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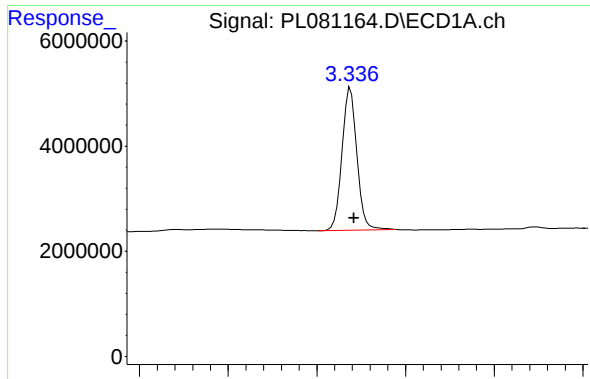
Reviewed By :Abdul Mirza 03/01/2023

Supervised By :Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 28 21:59:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
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QLast Update : Tue Feb 28 15:14:21 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





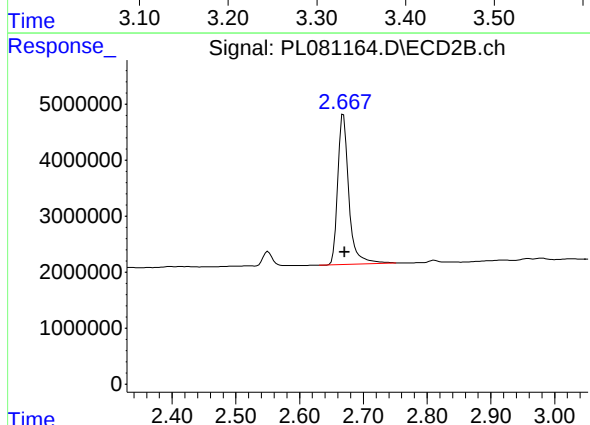
#1 Tetrachloro-m-xylene

R.T.: 3.338 min
Delta R.T.: -0.004 min
Response: 31624246
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

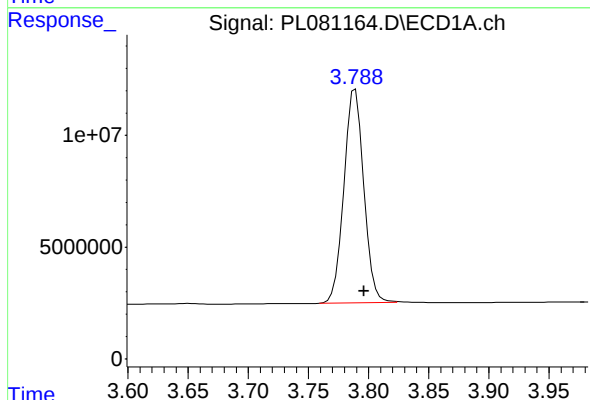
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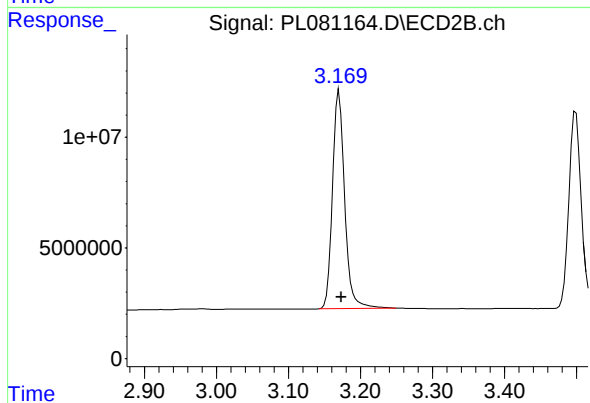
#1 Tetrachloro-m-xylene

R.T.: 2.669 min
Delta R.T.: -0.002 min
Response: 32433000
Conc: 18.86 ng/ml



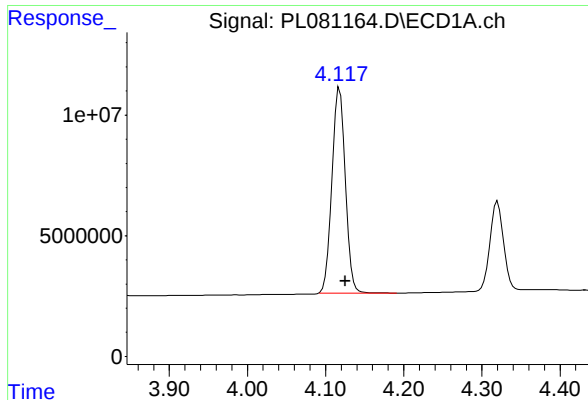
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 110181303
Conc: 54.78 ng/ml m



#2 alpha-BHC

R.T.: 3.170 min
Delta R.T.: -0.003 min
Response: 114777880
Conc: 48.05 ng/ml



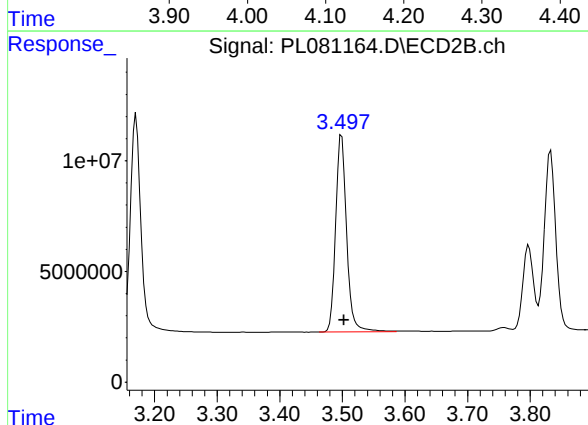
#3 gamma-BHC (Lindane)

R.T.: 4.118 min
Delta R.T.: -0.007 min
Response: 101404900
Conc: 55.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

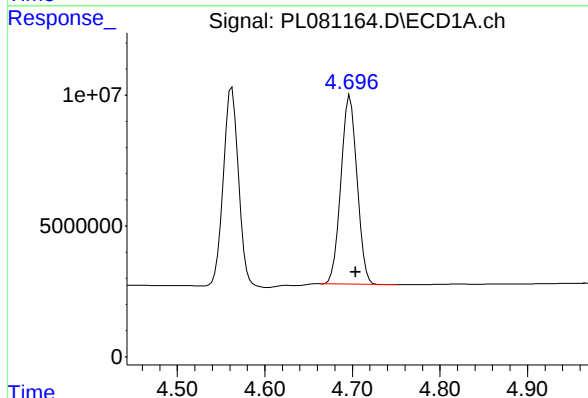
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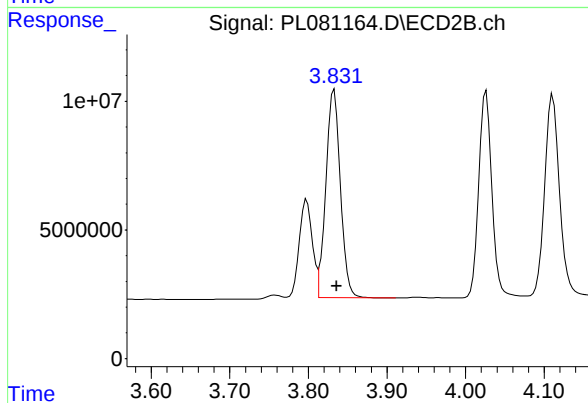
#3 gamma-BHC (Lindane)

R.T.: 3.499 min
Delta R.T.: -0.004 min
Response: 109125687
Conc: 49.38 ng/ml



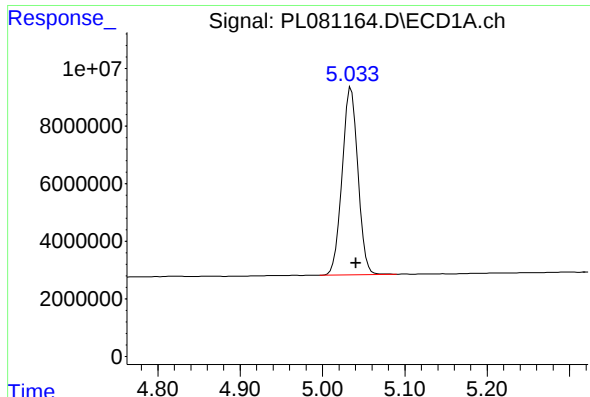
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: -0.006 min
Response: 92283378
Conc: 56.78 ng/ml



#4 Heptachlor

R.T.: 3.833 min
Delta R.T.: -0.003 min
Response: 103332965
Conc: 51.07 ng/ml



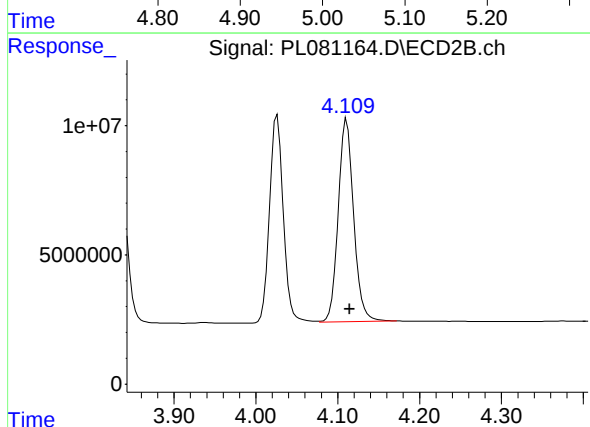
#5 Aldrin

R.T.: 5.035 min
Delta R.T.: -0.006 min
Response: 86675877
Conc: 57.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

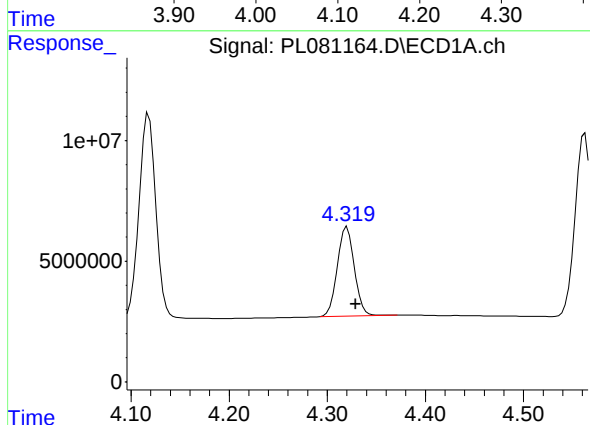
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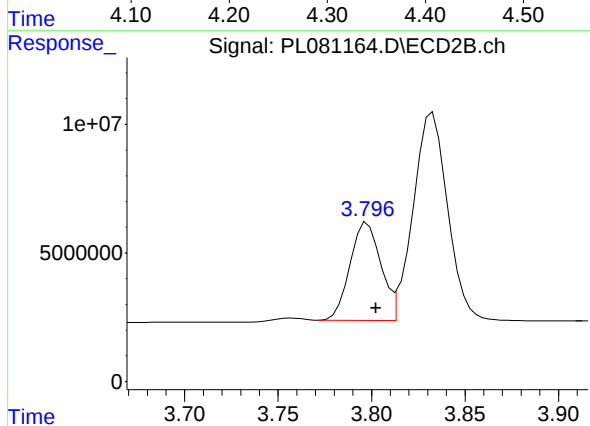
#5 Aldrin

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 102962181
Conc: 50.63 ng/ml



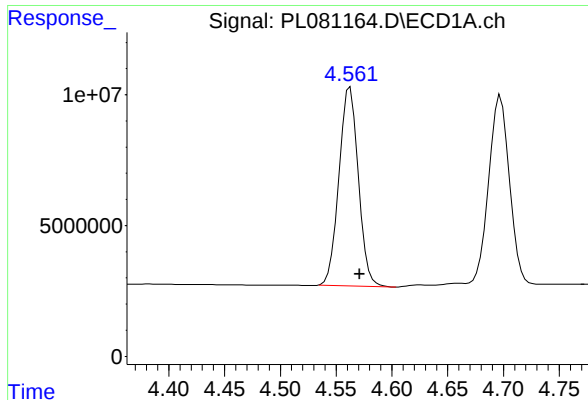
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: -0.009 min
Response: 44800283
Conc: 54.17 ng/ml



#6 beta-BHC

R.T.: 3.798 min
Delta R.T.: -0.005 min
Response: 43696156
Conc: 49.14 ng/ml



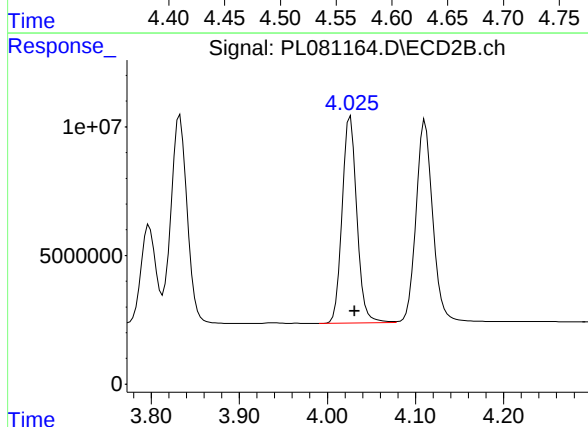
#7 delta-BHC

R.T.: 4.563 min
Delta R.T.: -0.009 min
Response: 91659323
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

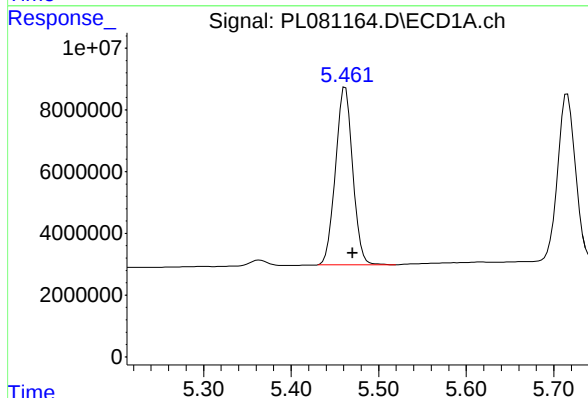
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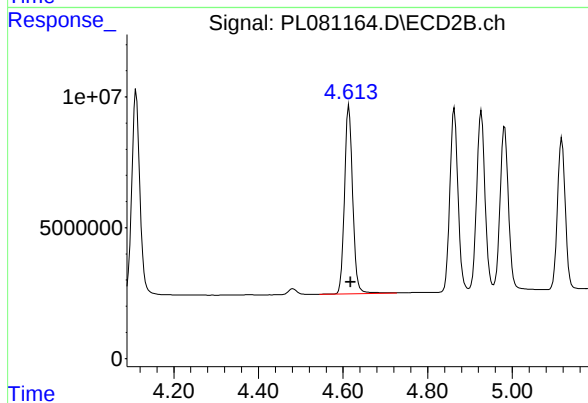
#7 delta-BHC

R.T.: 4.026 min
Delta R.T.: -0.005 min
Response: 93381338
Conc: 48.84 ng/ml



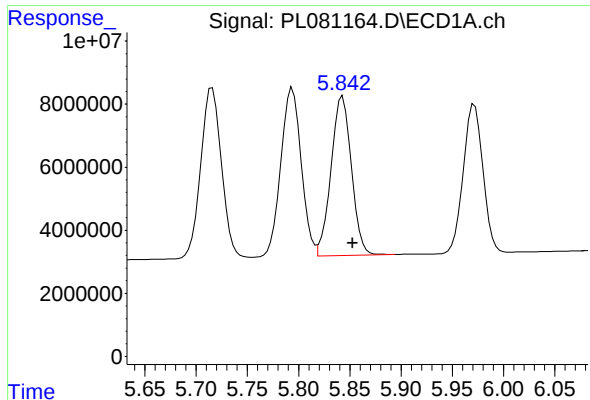
#8 Heptachlor epoxide

R.T.: 5.462 min
Delta R.T.: -0.008 min
Response: 78669882
Conc: 56.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.614 min
Delta R.T.: -0.005 min
Response: 96185642
Conc: 54.01 ng/ml



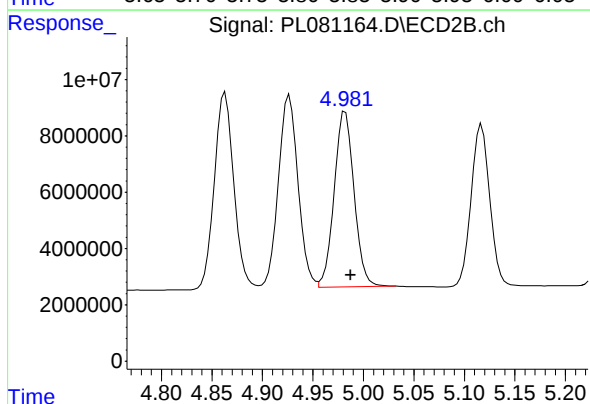
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: -0.010 min
Response: 69557600
Conc: 57.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

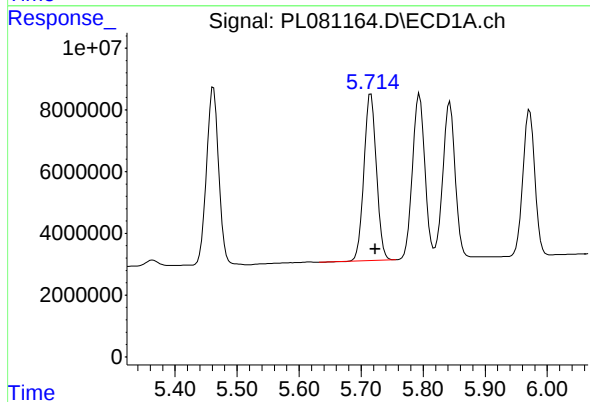
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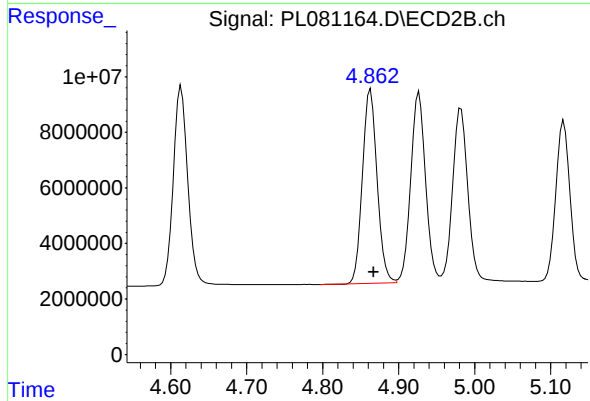
#9 Endosulfan I

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 85778916
Conc: 54.62 ng/ml



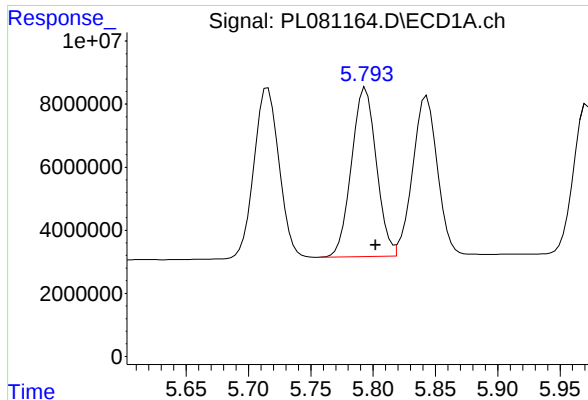
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 75530371
Conc: 57.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.863 min
Delta R.T.: -0.004 min
Response: 93215771
Conc: 53.01 ng/ml



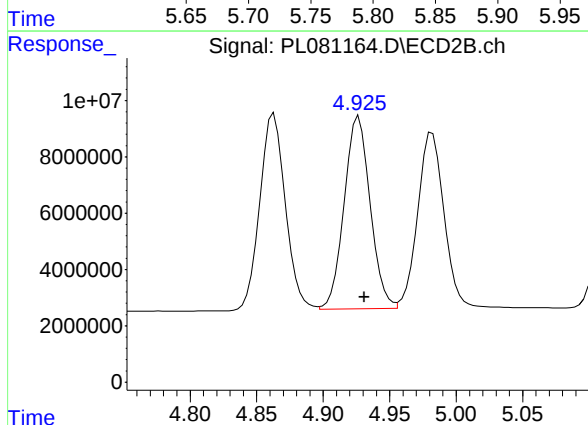
#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: -0.008 min
Response: 74125459
Conc: 58.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

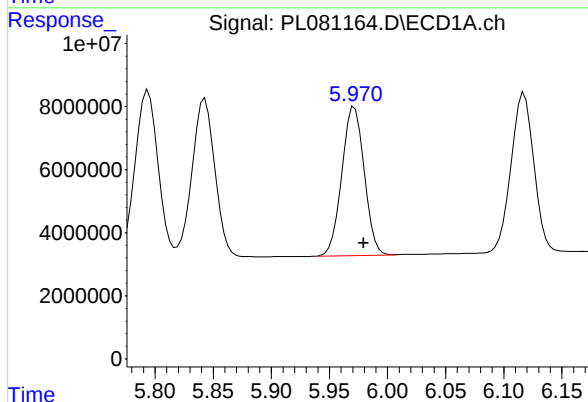
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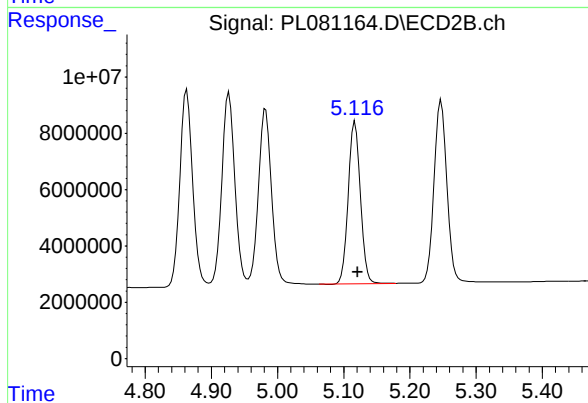
#11 alpha-Chlordane

R.T.: 4.927 min
Delta R.T.: -0.004 min
Response: 93226799
Conc: 54.31 ng/ml



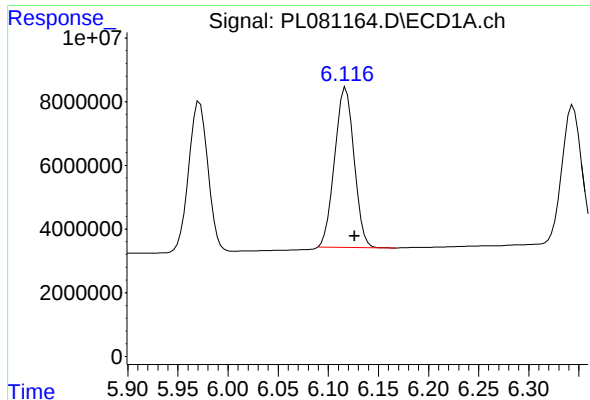
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: -0.008 min
Response: 63137913
Conc: 54.72 ng/ml



#12 4,4'-DDE

R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 73755487
Conc: 53.78 ng/ml



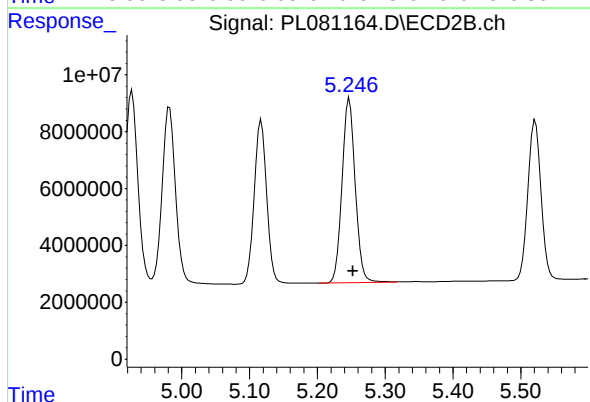
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: -0.009 min
Response: 67490657
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

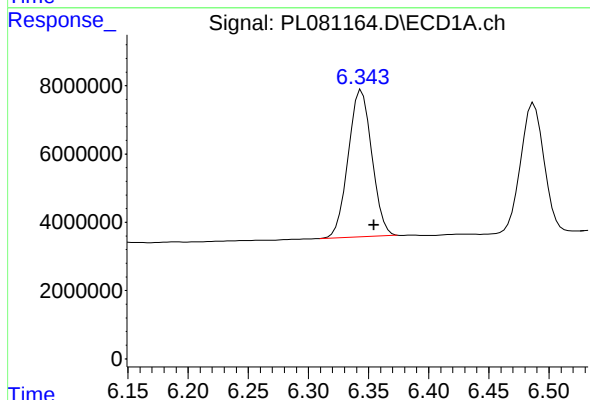
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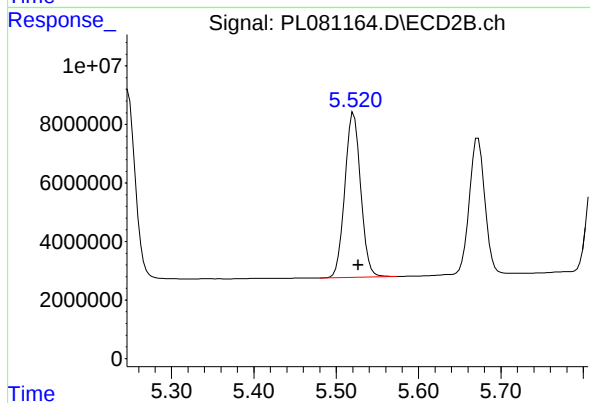
#13 Dieldrin

R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 87699604
Conc: 54.69 ng/ml



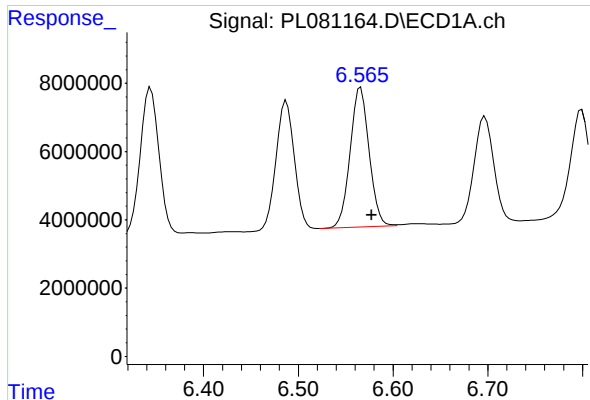
#14 Endrin

R.T.: 6.343 min
Delta R.T.: -0.012 min
Response: 58789143
Conc: 52.78 ng/ml m



#14 Endrin

R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 74982228
Conc: 55.95 ng/ml



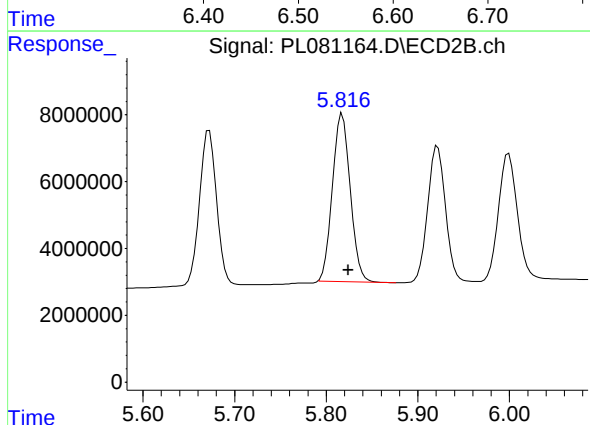
#15 Endosulfan II

R.T.: 6.566 min
Delta R.T.: -0.012 min
Response: 57058357
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

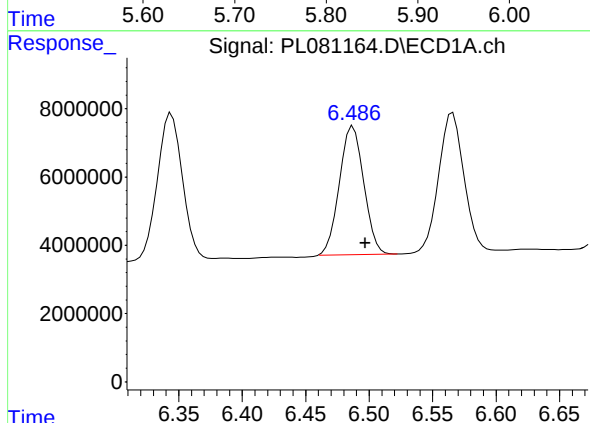
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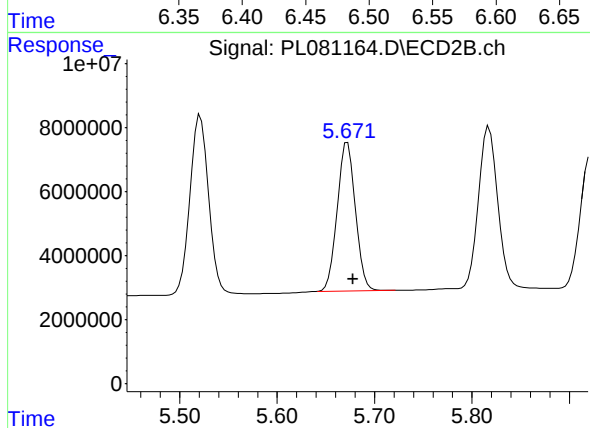
#15 Endosulfan II

R.T.: 5.817 min
Delta R.T.: -0.007 min
Response: 67984756
Conc: 58.84 ng/ml



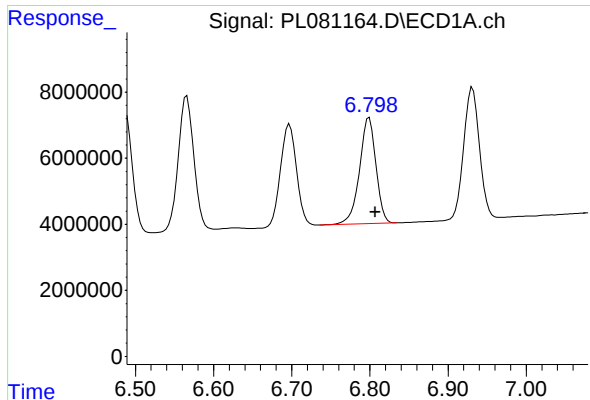
#16 4,4'-DDD

R.T.: 6.487 min
Delta R.T.: -0.009 min
Response: 50328377
Conc: 52.57 ng/ml



#16 4,4'-DDD

R.T.: 5.672 min
Delta R.T.: -0.006 min
Response: 60206071
Conc: 55.53 ng/ml



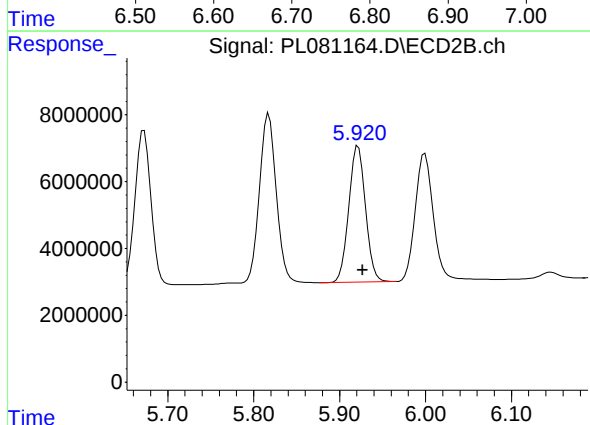
#17 4,4'-DDT

R.T.: 6.799 min
Delta R.T.: -0.008 min
Response: 46948573
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

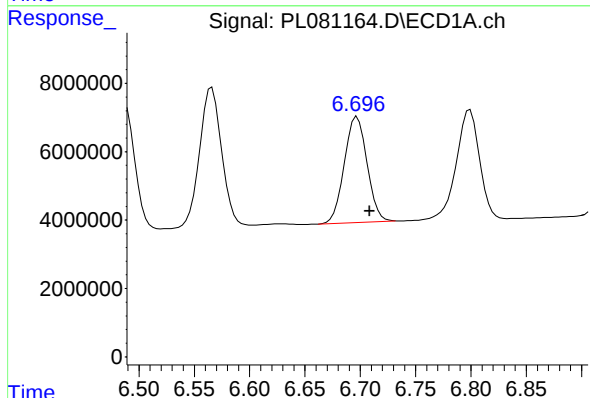
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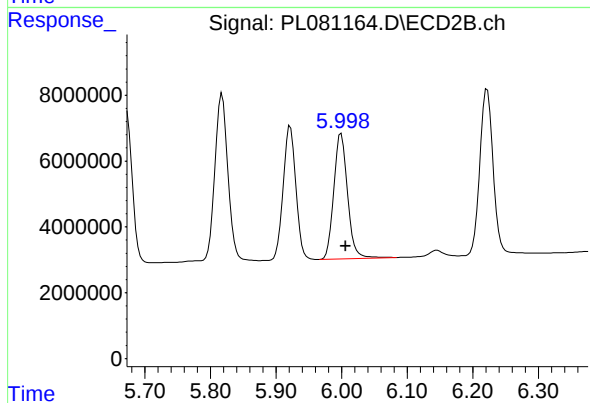
#17 4,4'-DDT

R.T.: 5.922 min
Delta R.T.: -0.005 min
Response: 54824722
Conc: 57.04 ng/ml



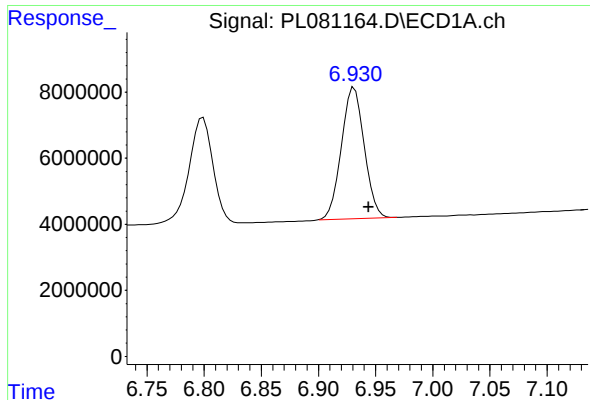
#18 Endrin aldehyde

R.T.: 6.696 min
Delta R.T.: -0.013 min
Response: 44534222
Conc: 53.16 ng/ml m



#18 Endrin aldehyde

R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 55574807
Conc: 56.60 ng/ml



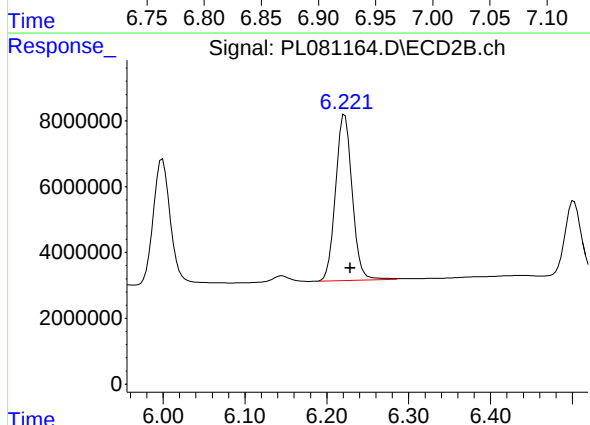
#19 Endosulfan Sulfate

R.T.: 6.931 min
Delta R.T.: -0.013 min
Response: 55492128
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

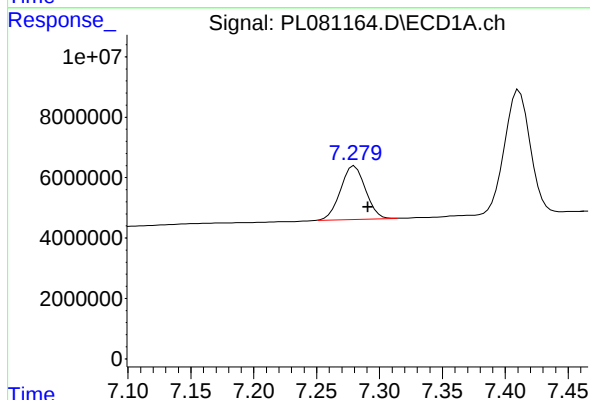
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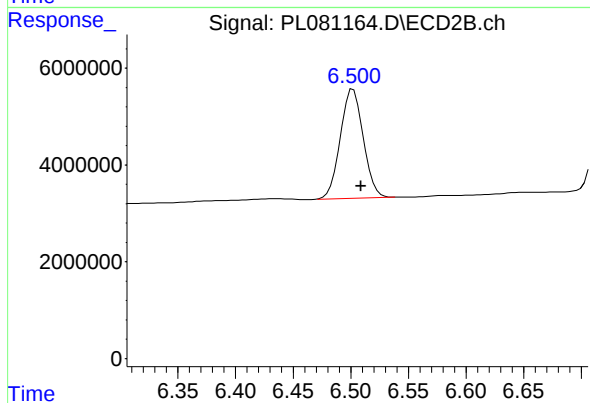
#19 Endosulfan Sulfate

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 71317763
Conc: 57.66 ng/ml



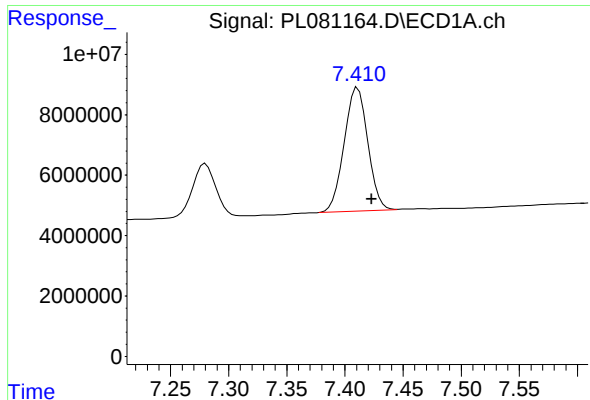
#20 Methoxychlor

R.T.: 7.280 min
Delta R.T.: -0.011 min
Response: 24275297
Conc: 52.26 ng/ml



#20 Methoxychlor

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 30931022
Conc: 61.58 ng/ml



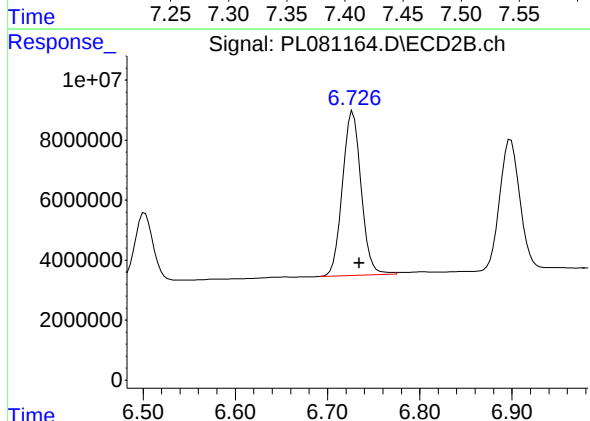
#21 Endrin ketone

R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 57736495
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

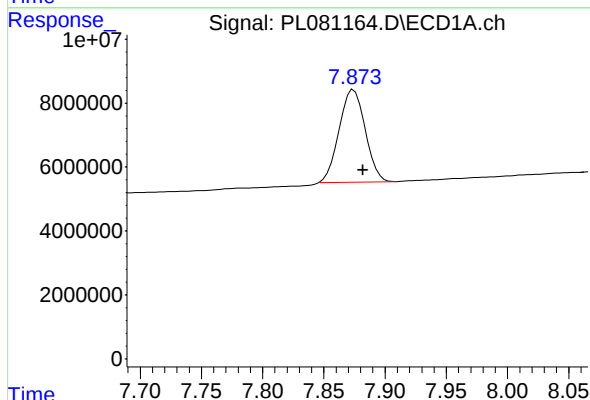
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/01/2023
Supervised By :Ankita Jodhani 03/01/2023



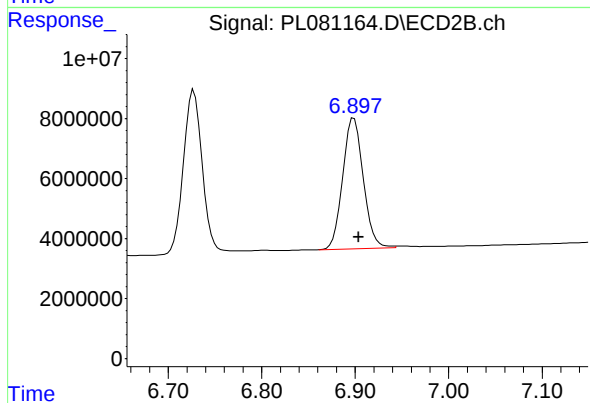
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: -0.007 min
Response: 76781739
Conc: 57.55 ng/ml



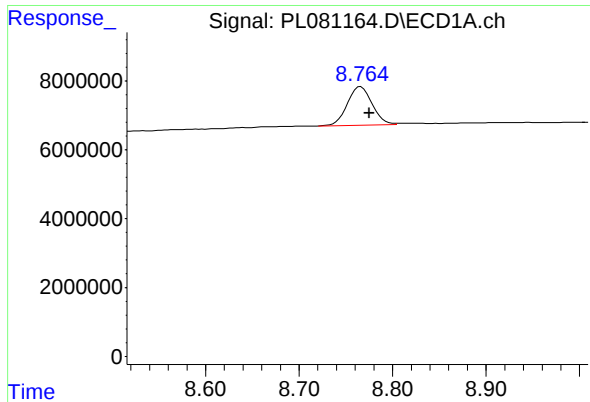
#22 Mirex

R.T.: 7.874 min
Delta R.T.: -0.007 min
Response: 42992102
Conc: 49.80 ng/ml



#22 Mirex

R.T.: 6.899 min
Delta R.T.: -0.005 min
Response: 66735057
Conc: 59.31 ng/ml



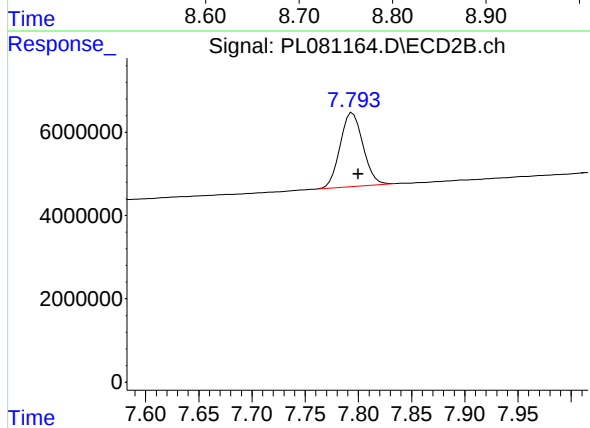
#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: -0.009 min
Response: 20577225
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151055BS

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#28 Decachlorobiphenyl

R.T.: 7.794 min
Delta R.T.: -0.006 min
Response: 26374658
Conc: 23.68 ng/ml