

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081384.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 21:46
 Operator : AR\AJ
 Sample : PB151305BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151305BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/10/2023
 Supervised By : Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:09:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.332	2.663	54108657	47331349	25.044	23.387
28)	SA Decachlor...	8.756	7.785	43942236	49274913	28.823	25.724
Target Compounds							
2)	A alpha-BHC	3.782	3.164	183.4E6	154.6E6	57.654	52.743
3)	MA gamma-BHC...	4.110	3.492	169.9E6	145.3E6	57.427	52.804
4)	MA Heptachlor	4.690	3.826	162.3E6	144.2E6	58.811	52.260
5)	MB Aldrin	5.027	4.103	153.9E6	137.8E6	60.484	52.576
6)	B beta-BHC	4.313	3.790	72190294	58518089	52.446	50.419
7)	B delta-BHC	4.555	4.018	167.2E6	139.7E6	60.168	54.876
8)	B Heptachlo...	5.453	4.605	138.7E6	126.9E6	58.788	52.495
9)	A Endosulfan I	5.834	4.973	123.4E6	117.5E6	58.430	51.892
10)	B gamma-Chl...	5.708	4.854	139.5E6	128.8E6	61.135	52.619
11)	B alpha-Chl...	5.786	4.918	135.0E6	128.0E6	59.931	52.282
12)	B 4,4'-DDE	5.964	5.108	119.9E6	106.9E6	61.279	54.448
13)	MA Dieldrin	6.108	5.238	129.1E6	123.6E6	61.694	54.835
14)	MA Endrin	6.336	5.512	112.8E6	110.2E6	62.045	54.820
15)	B Endosulfa...	6.557	5.809	111.0E6	103.4E6	63.682	56.107
16)	A 4,4'-DDD	6.479	5.663	95642201	85025905	62.131	55.424
17)	MA 4,4'-DDT	6.791	5.912	98594478	91287396	62.114	56.901
18)	B Endrin al...	6.686	5.989	91683295	87724817	64.054m	57.902
19)	B Endosulfa...	6.922	6.212	108.3E6	102.8E6	60.333	53.463
20)	A Methoxychlor	7.271	6.492	54604853	51201264	63.393	55.168
21)	B Endrin ke...	7.402	6.717	110.4E6	111.8E6	60.882	51.905
22)	Mirex	7.866	6.890	87944003	100.1E6	60.272	52.023

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081384.D
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 Sample : PB151305BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

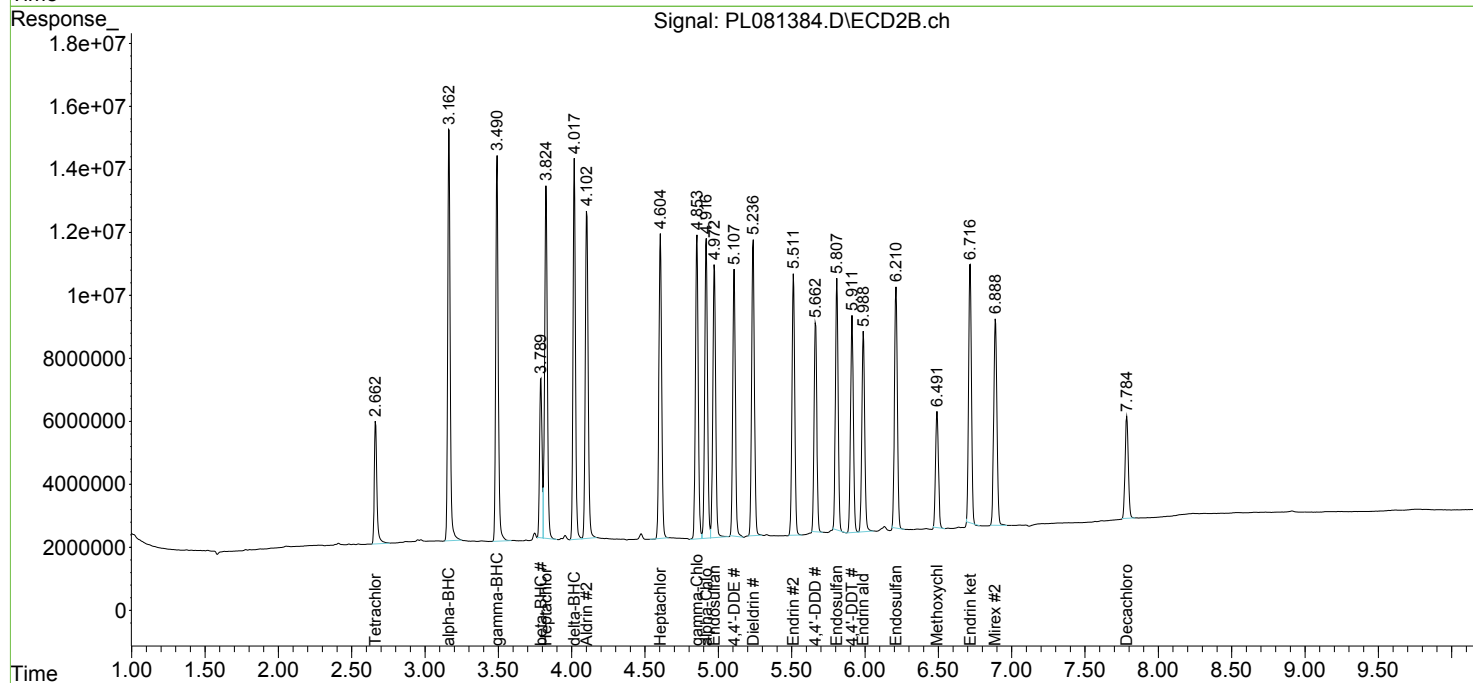
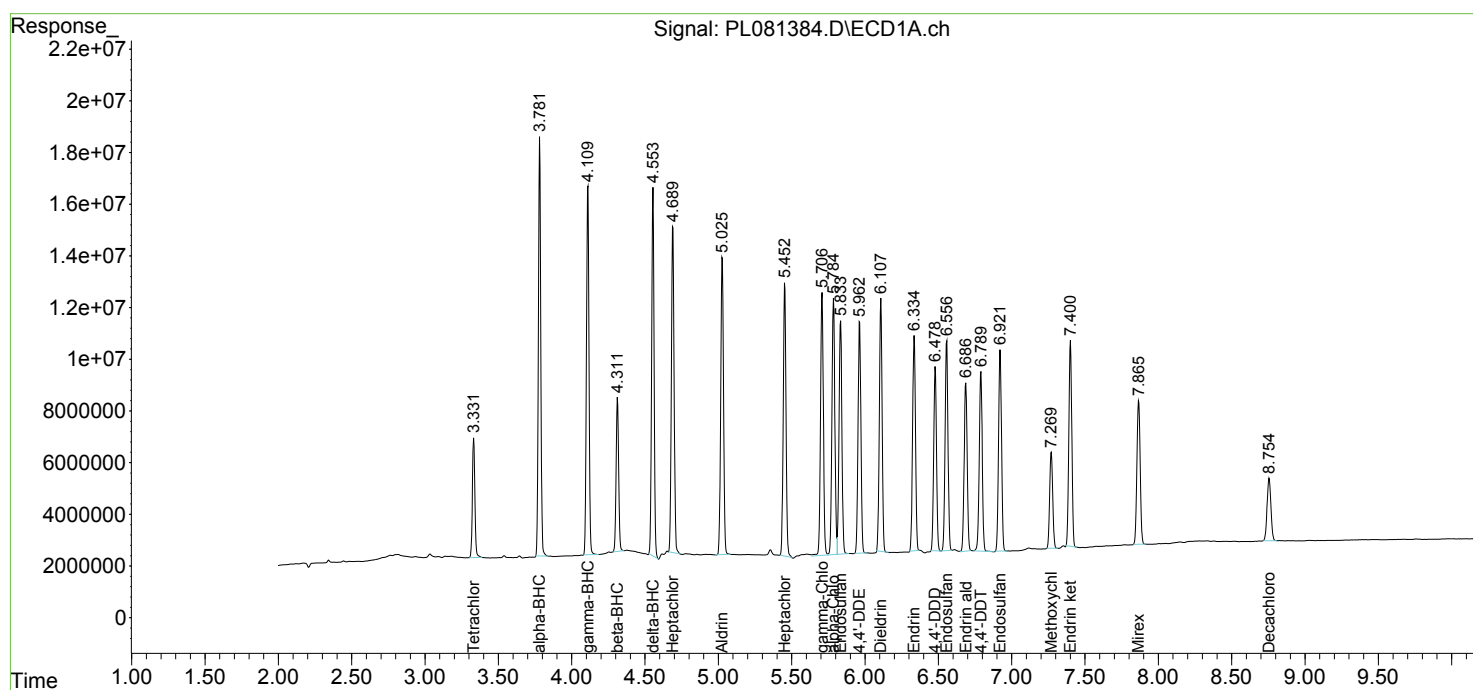
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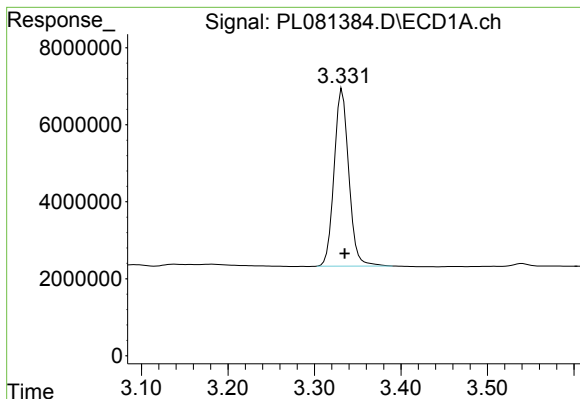
Reviewed By :Abdul Mirza 03/10/2023

Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:09:45 2023
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 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





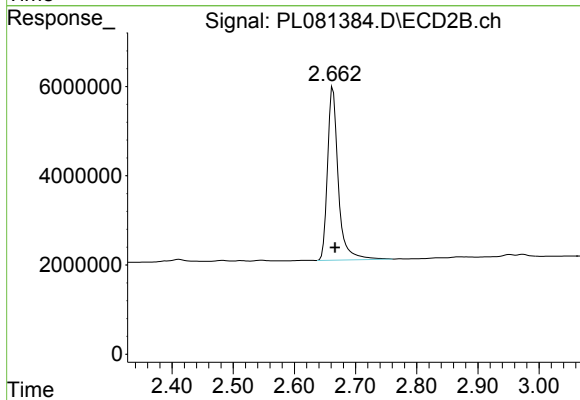
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 54108657
Conc: 25.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

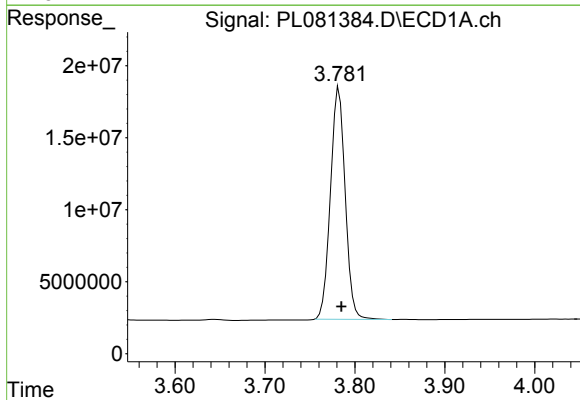
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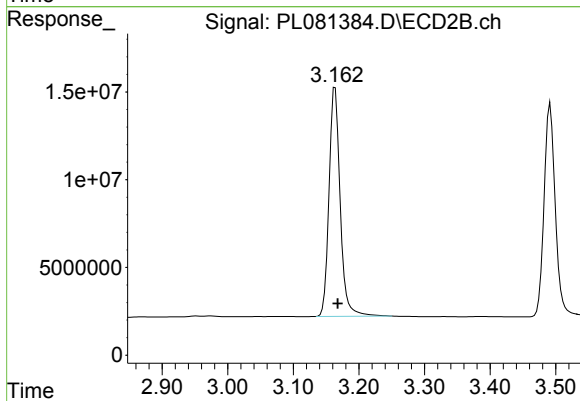
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 47331349
Conc: 23.39 ng/ml



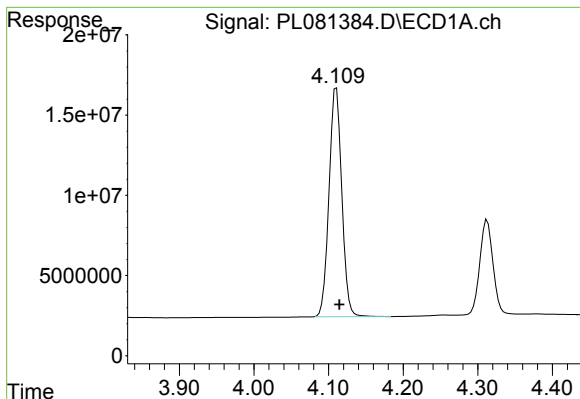
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 183412868
Conc: 57.65 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 154570084
Conc: 52.74 ng/ml



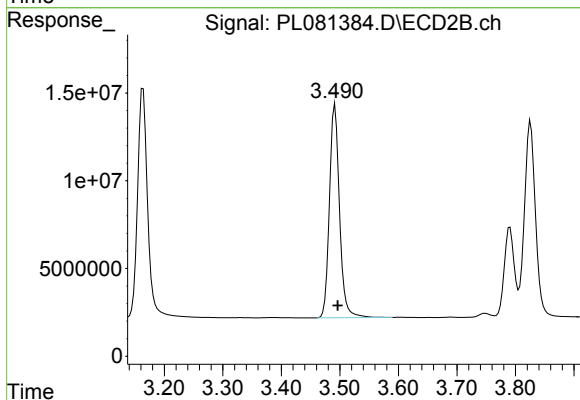
#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 169903275
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

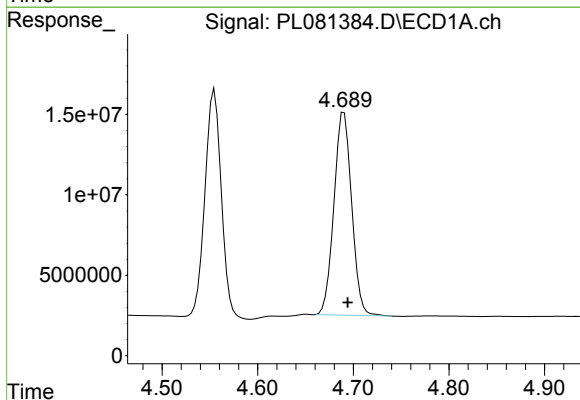
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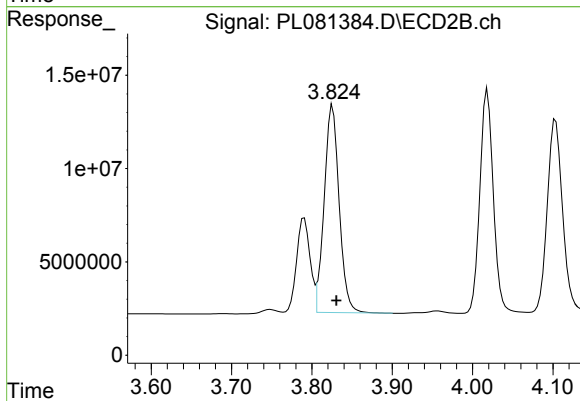
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 145267691
Conc: 52.80 ng/ml



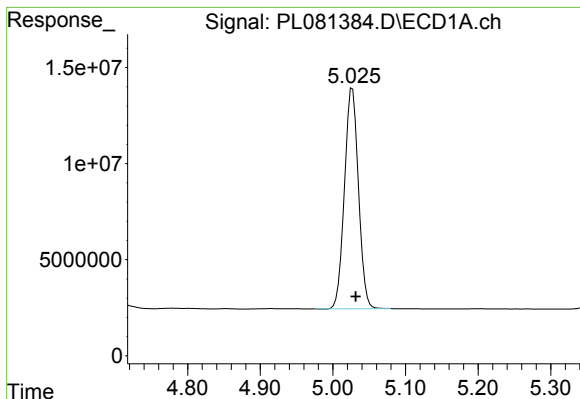
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 162281970
Conc: 58.81 ng/ml



#4 Heptachlor

R.T.: 3.826 min
Delta R.T.: -0.005 min
Response: 144213234
Conc: 52.26 ng/ml



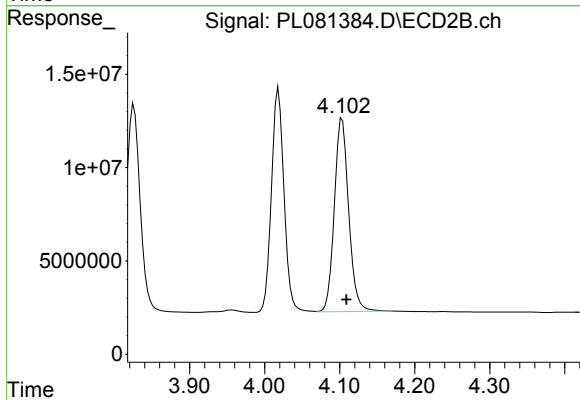
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 153878947
Conc: 60.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

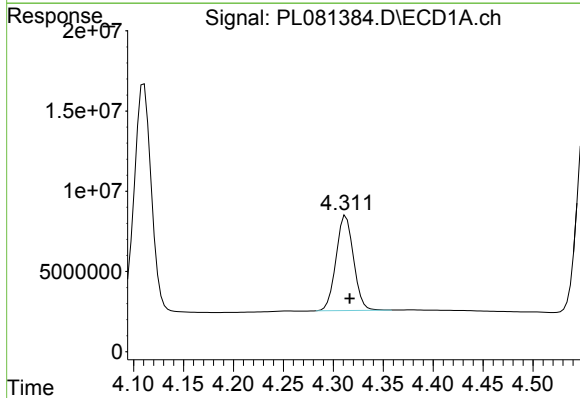
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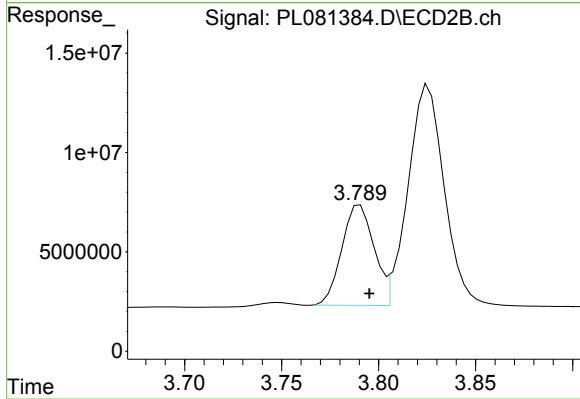
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 137839600
Conc: 52.58 ng/ml



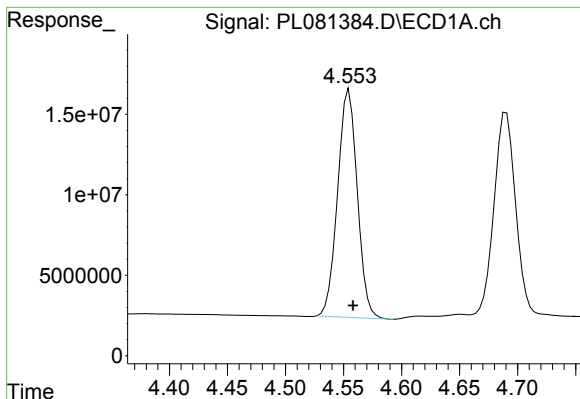
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 72190294
Conc: 52.45 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.005 min
Response: 58518089
Conc: 50.42 ng/ml



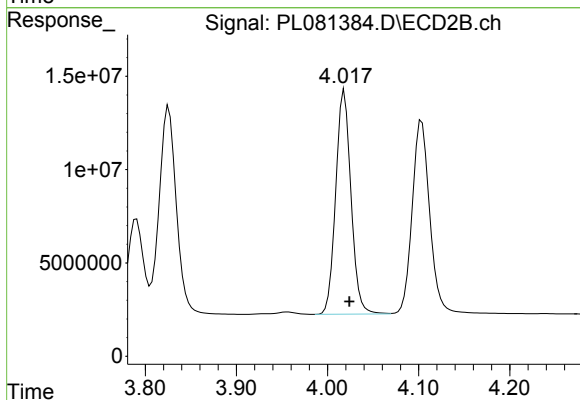
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: -0.003 min
Response: 167217952
Conc: 60.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

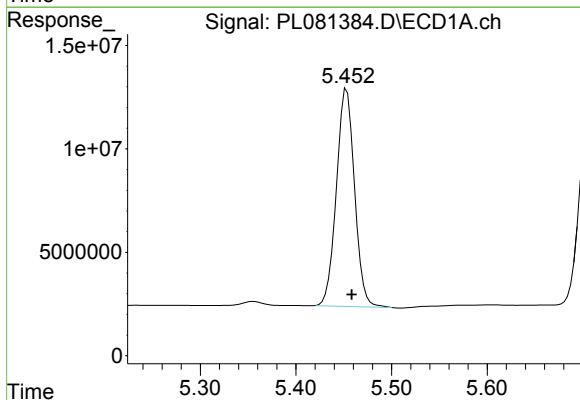
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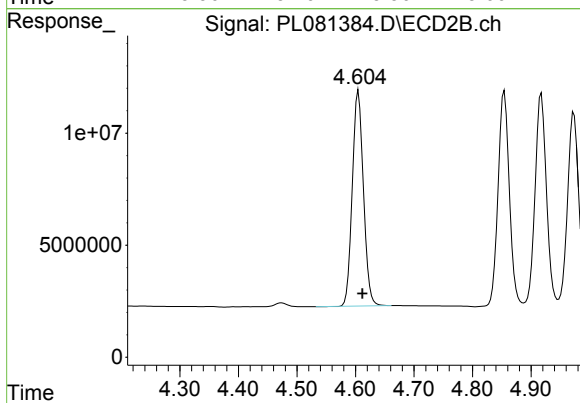
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: -0.005 min
Response: 139748784
Conc: 54.88 ng/ml



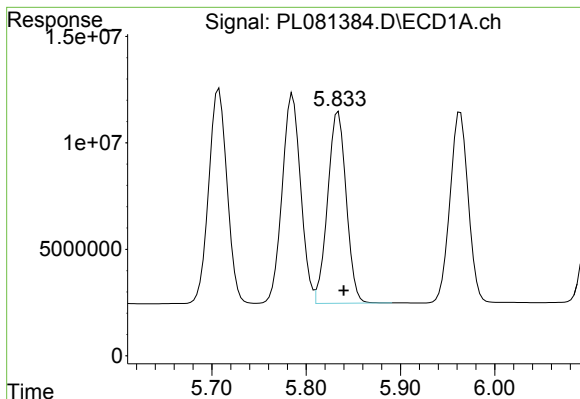
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 138741254
Conc: 58.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.605 min
Delta R.T.: -0.007 min
Response: 126938479
Conc: 52.50 ng/ml



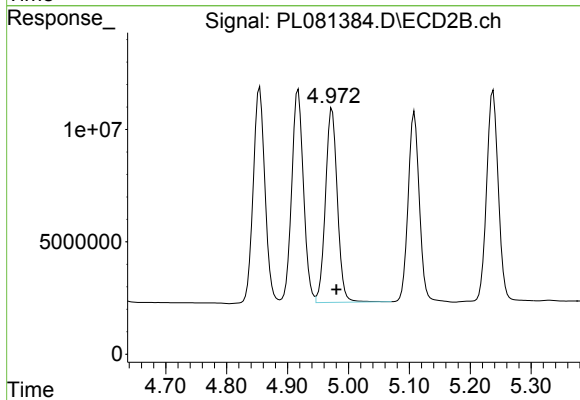
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 123445815
Conc: 58.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

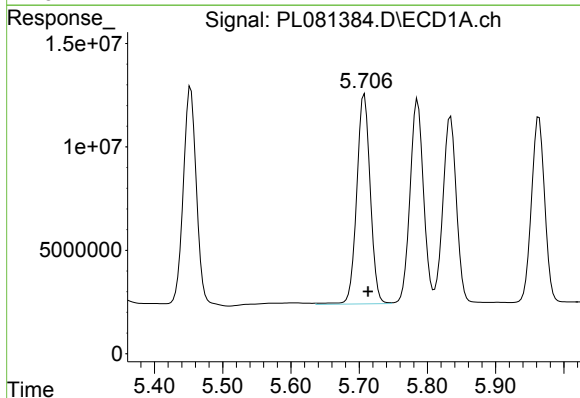
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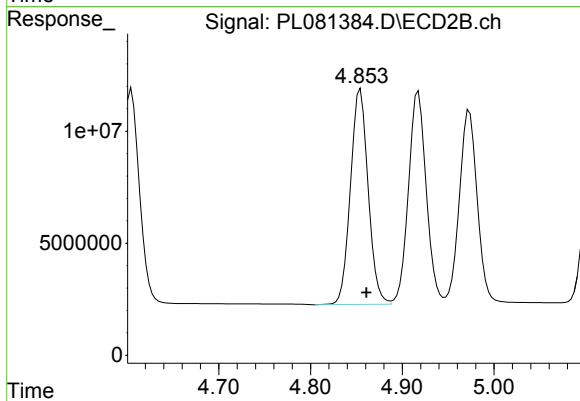
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 117466018
Conc: 51.89 ng/ml



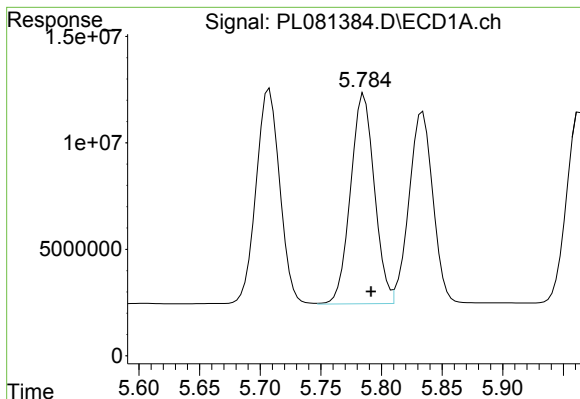
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 139505358
Conc: 61.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.854 min
Delta R.T.: -0.007 min
Response: 128797799
Conc: 52.62 ng/ml



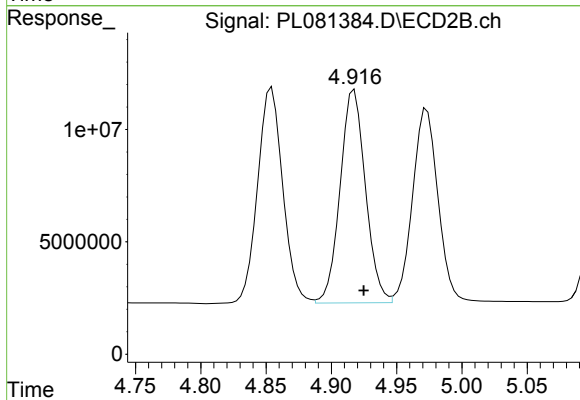
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.006 min
Response: 135021421
Conc: 59.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

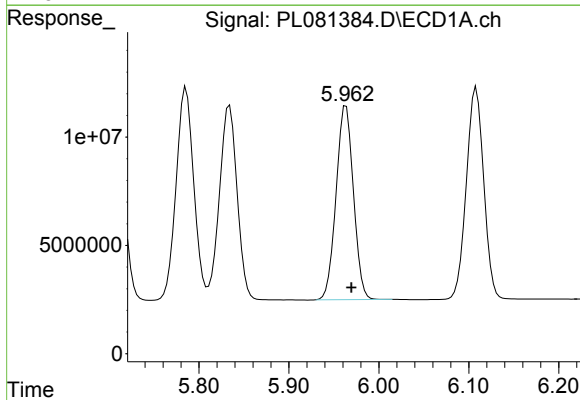
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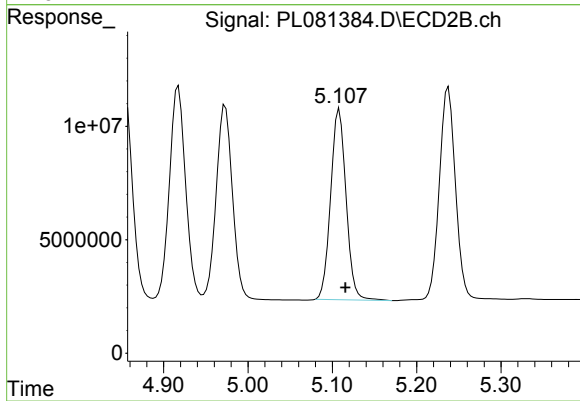
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 128014677
Conc: 52.28 ng/ml



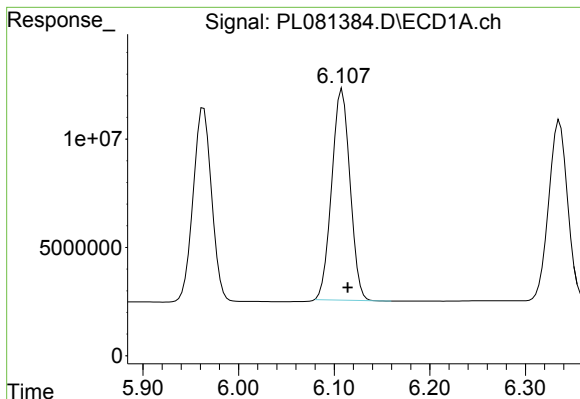
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 119898178
Conc: 61.28 ng/ml



#12 4,4'-DDE

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 106874020
Conc: 54.45 ng/ml



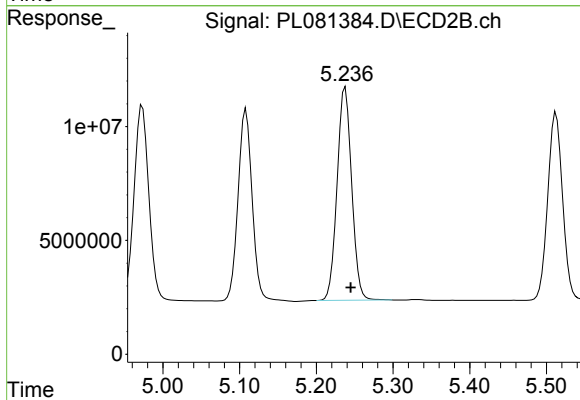
#13 Dieldrin

R.T.: 6.108 min
Delta R.T.: -0.006 min
Response: 129124908
Conc: 61.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

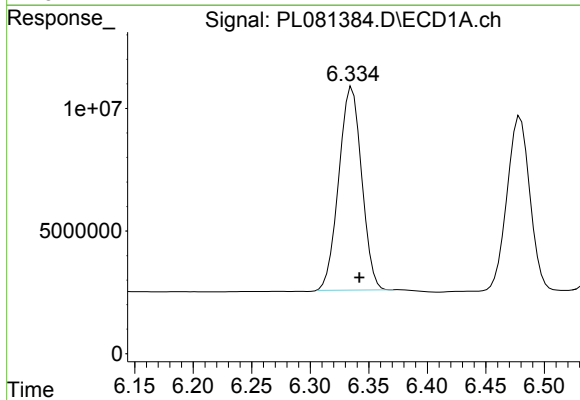
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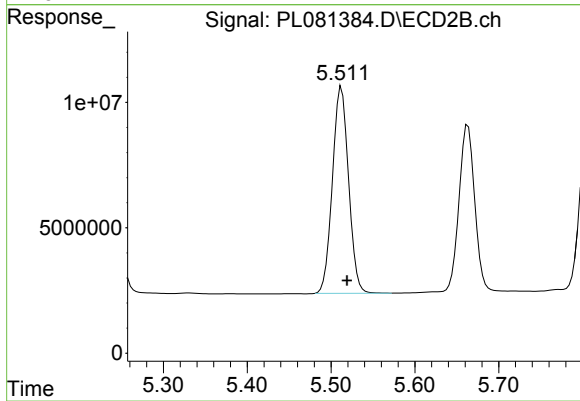
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 123617546
Conc: 54.84 ng/ml



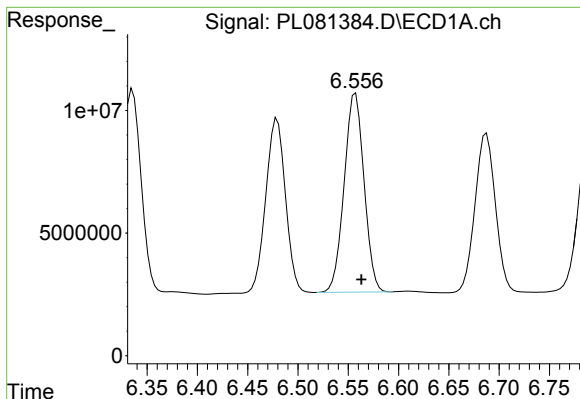
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 112765763
Conc: 62.05 ng/ml



#14 Endrin

R.T.: 5.512 min
Delta R.T.: -0.007 min
Response: 110167483
Conc: 54.82 ng/ml



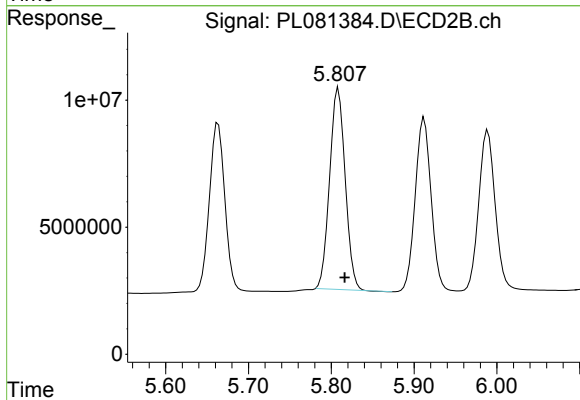
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 111029306
Conc: 63.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

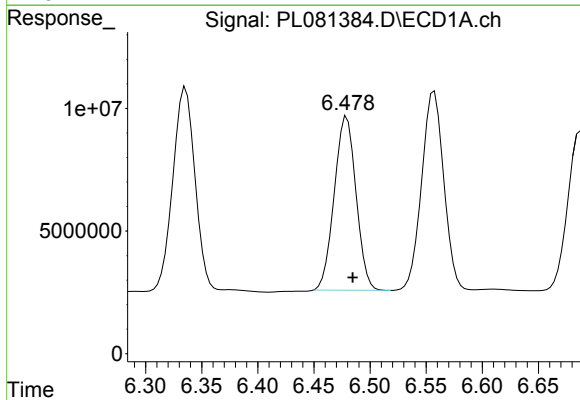
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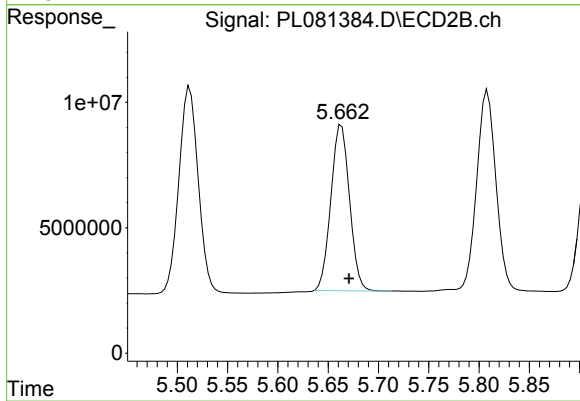
#15 Endosulfan II

R.T.: 5.809 min
Delta R.T.: -0.008 min
Response: 103445980
Conc: 56.11 ng/ml



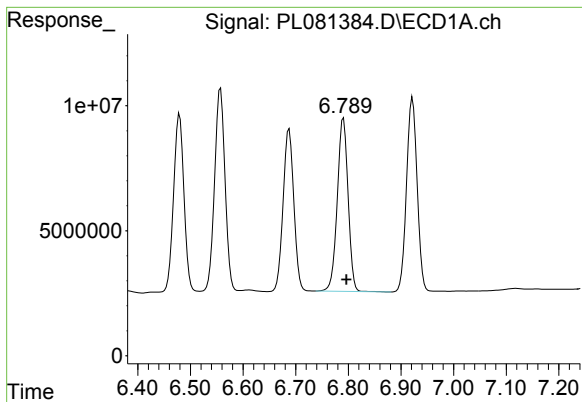
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 95642201
Conc: 62.13 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 85025905
Conc: 55.42 ng/ml



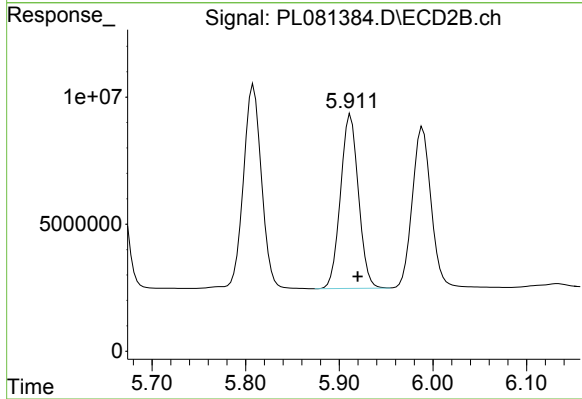
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 98594478
Conc: 62.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

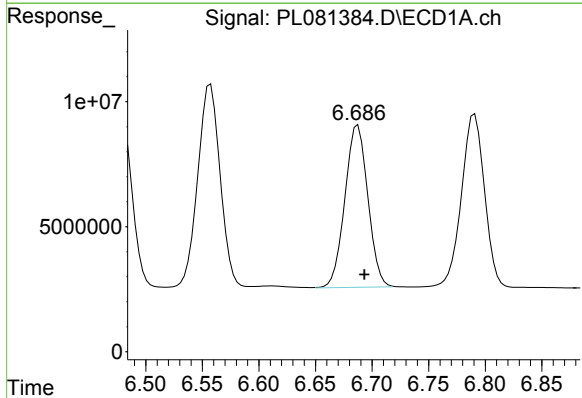
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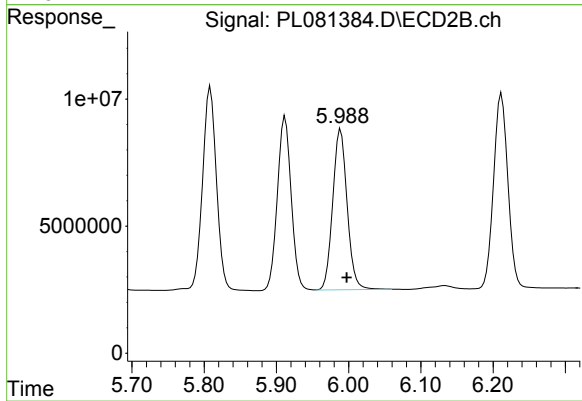
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 91287396
Conc: 56.90 ng/ml



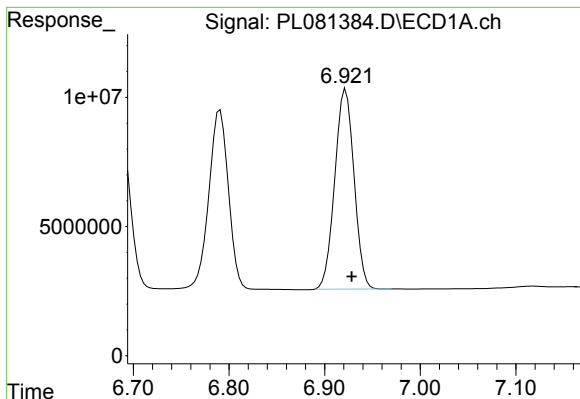
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 91683295
Conc: 64.05 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 87724817
Conc: 57.90 ng/ml



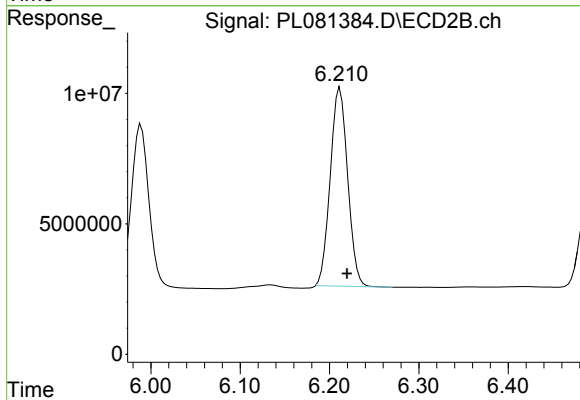
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 108328545
Conc: 60.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

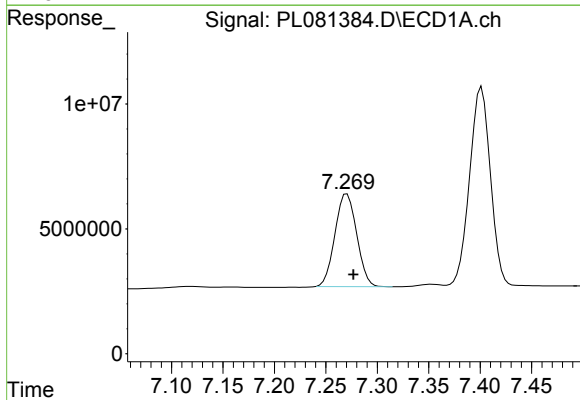
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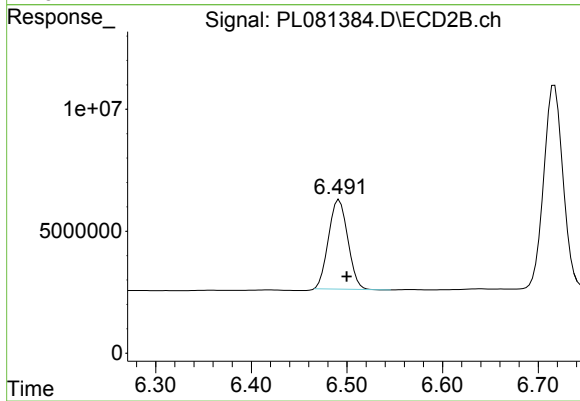
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 102758340
Conc: 53.46 ng/ml



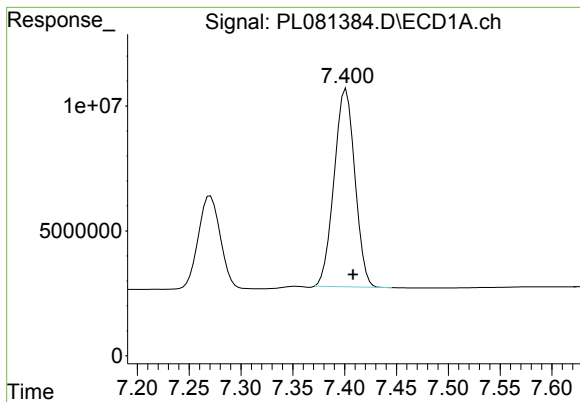
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 54604853
Conc: 63.39 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 51201264
Conc: 55.17 ng/ml



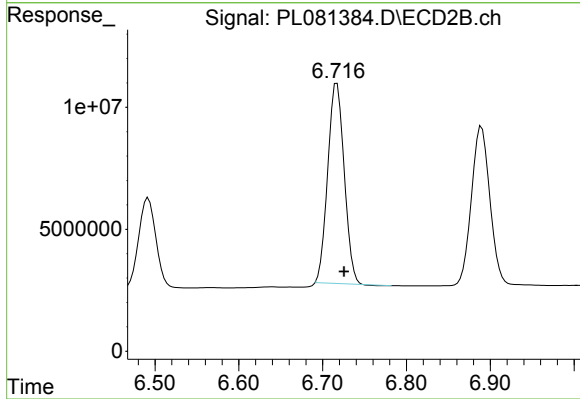
#21 Endrin ketone

R.T.: 7.402 min
Delta R.T.: -0.007 min
Response: 110440763
Conc: 60.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

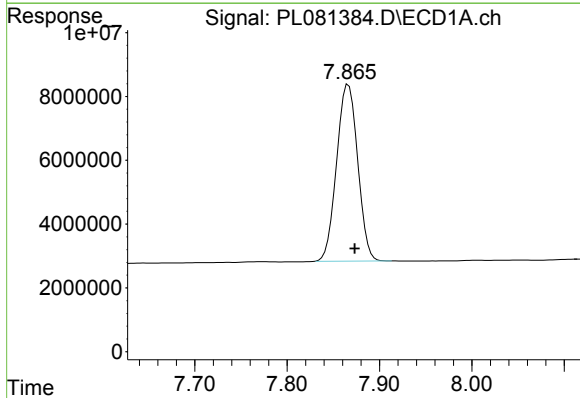
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



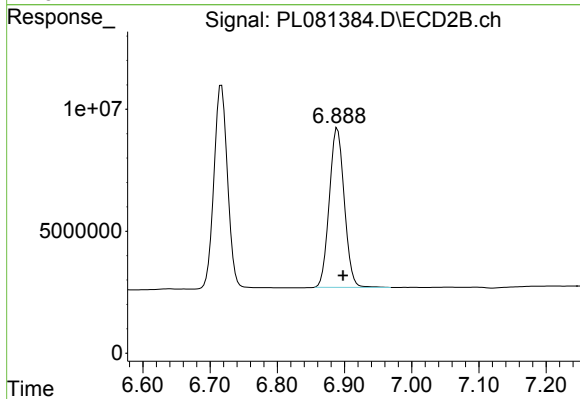
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.009 min
Response: 111757145
Conc: 51.91 ng/ml



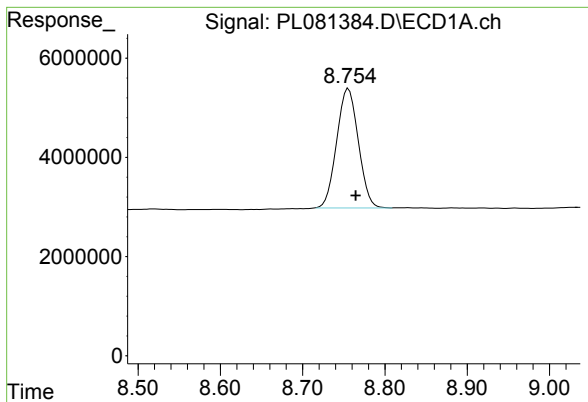
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.007 min
Response: 87944003
Conc: 60.27 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 100126158
Conc: 52.02 ng/ml



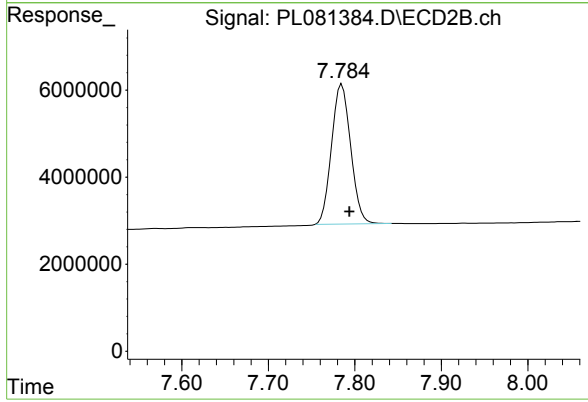
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 43942236
Conc: 28.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151305BS

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#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 49274913
Conc: 25.72 ng/ml