

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 14:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2023
 Supervised By : mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 30 21:15:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.658	116.3E6	97163824	50.018	48.676
28) SA Decachlor...	8.753	7.775	84294592	99025604	47.102	49.931
Target Compounds						
2) A alpha-BHC	3.779	3.156	175.5E6	143.7E6	51.204	49.288
3) MA gamma-BHC...	4.107	3.484	163.1E6	137.1E6	51.335	49.256
4) MA Heptachlor	4.685	3.818	155.8E6	142.0E6	49.437m	49.539
5) MB Aldrin	5.024	4.095	142.1E6	132.9E6	49.677	49.867
6) B beta-BHC	4.310	3.783	72473899	59137737	48.153	49.654
7) B delta-BHC	4.551	4.010	157.8E6	131.7E6	51.916	50.931
8) B Heptachlo...	5.450	4.597	133.0E6	124.2E6	48.889	51.138
9) A Endosulfan I	5.831	4.964	117.7E6	112.0E6	47.648	50.728
10) B gamma-Chl...	5.704	4.846	129.1E6	124.2E6	49.171	51.097
11) B alpha-Chl...	5.783	4.909	126.5E6	123.6E6	48.886	50.891
12) B 4,4'-DDE	5.960	5.099	109.2E6	106.8E6	48.477	54.213
13) MA Dieldrin	6.105	5.229	118.7E6	115.6E6	49.011	51.373
14) MA Endrin	6.333	5.504	102.5E6	103.0E6	48.451	50.881
15) B Endosulfa...	6.554	5.799	96497757	93314740	45.473	51.440
16) A 4,4'-DDD	6.474	5.654	86329206	83594648	47.868m	55.086
17) MA 4,4'-DDT	6.788	5.903	92753783	88745865	45.700	51.499
18) B Endrin al...	6.685	5.980	79470265	77964418	48.573	50.203
19) B Endosulfa...	6.919	6.202	100.5E6	99666032	48.234	51.224
20) A Methoxychlor	7.268	6.482	50211861	50970608	46.627	51.173
21) B Endrin ke...	7.398	6.708	103.5E6	110.2E6	49.404	51.587
22) Mirex	7.864	6.881	81190899	96782818	47.389	50.415

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
Data File : PL081792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2023 14:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

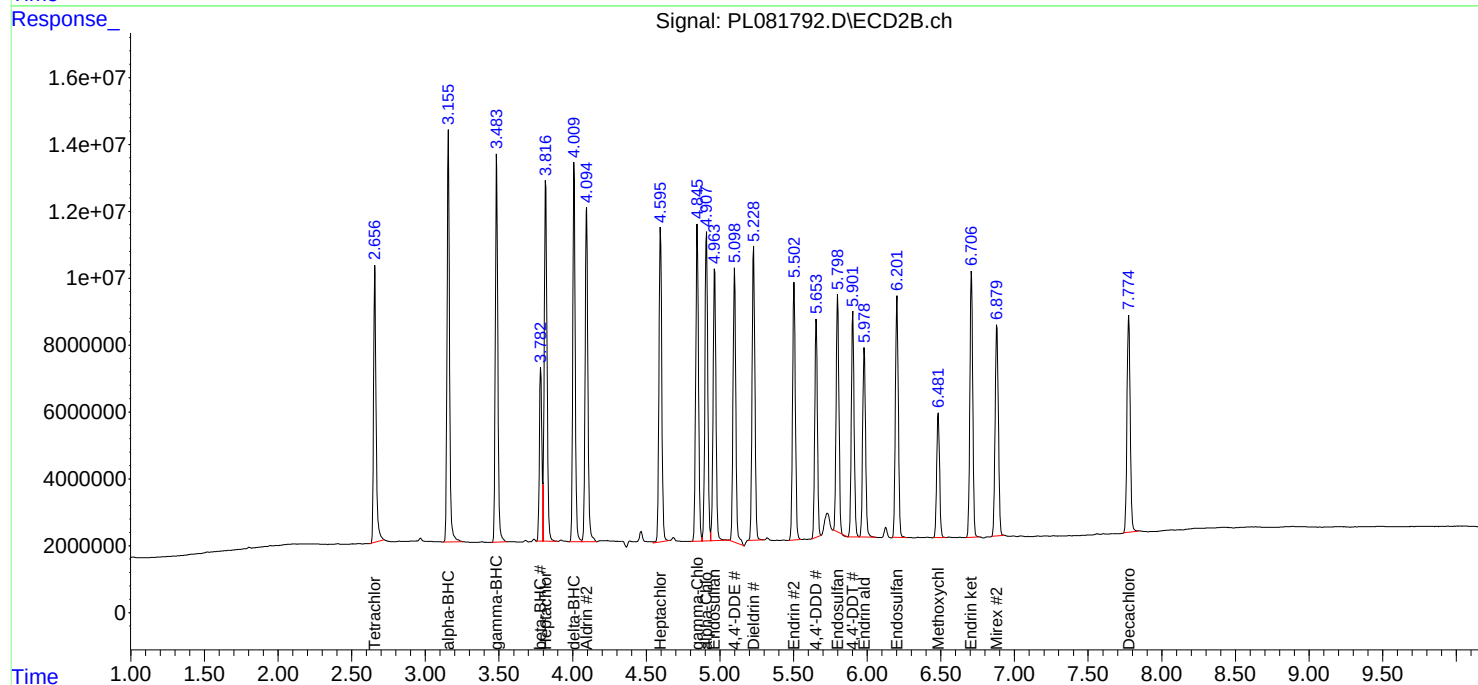
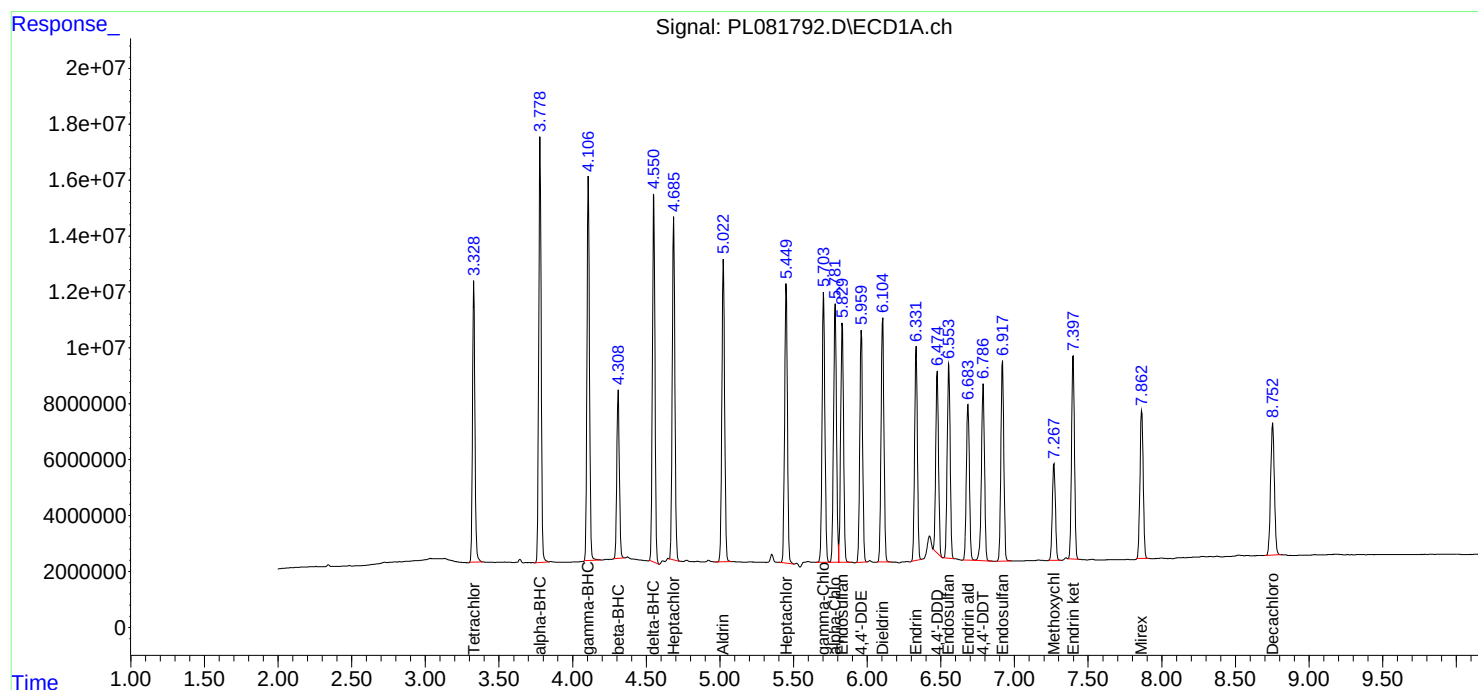
APPROVED

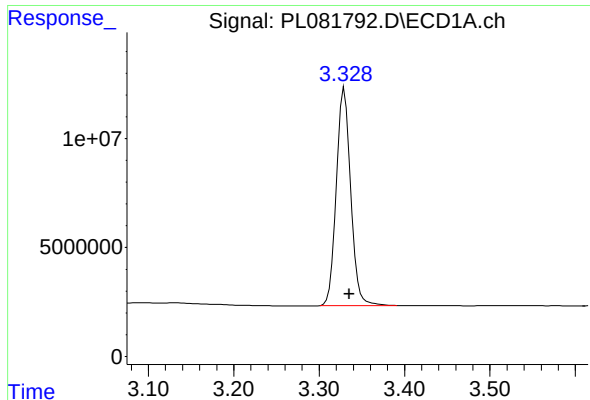
Reviewed By :Abdul Mirza 03/31/2023

Supervised By :mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 21:15:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





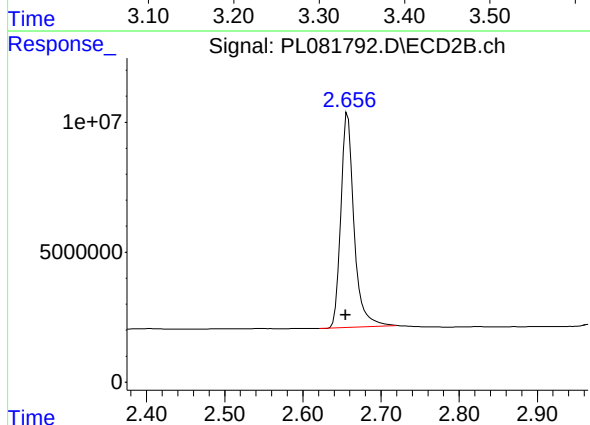
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 116336945
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

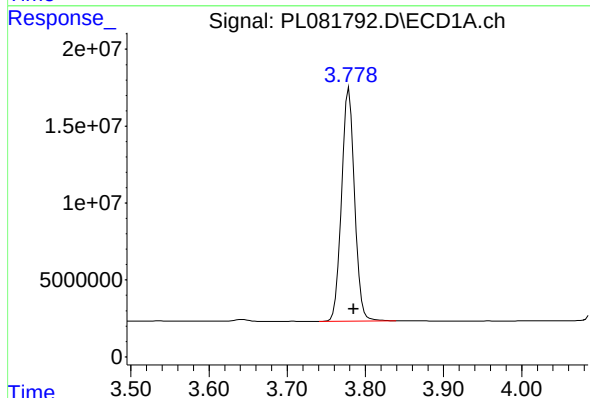
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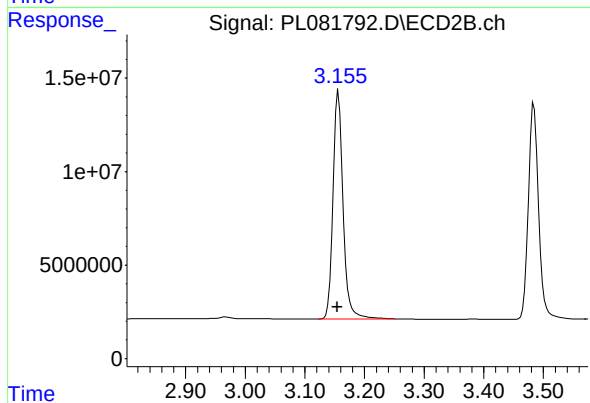
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.003 min
Response: 97163824
Conc: 48.68 ng/ml



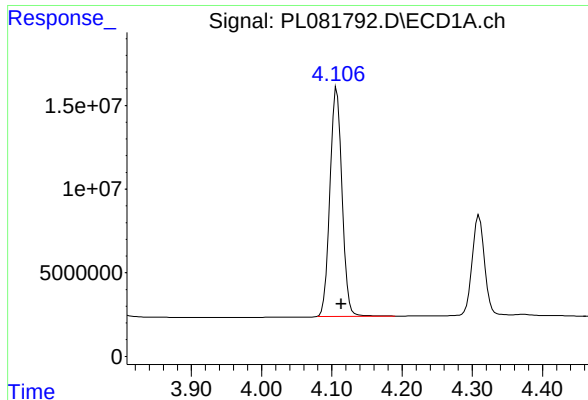
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 175545195
Conc: 51.20 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.002 min
Response: 143672811
Conc: 49.29 ng/ml



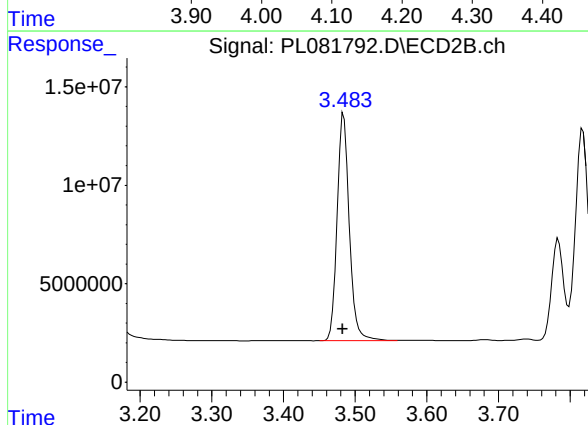
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.006 min
Response: 163084042
Conc: 51.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

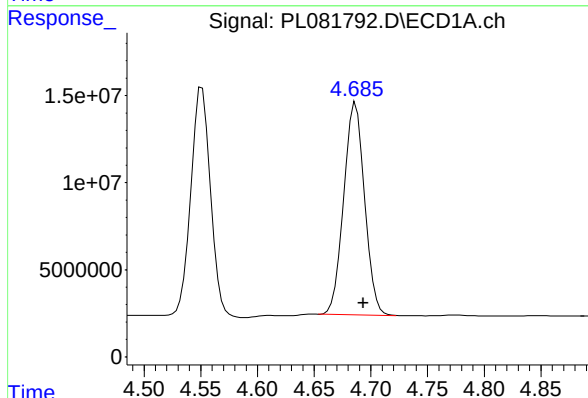
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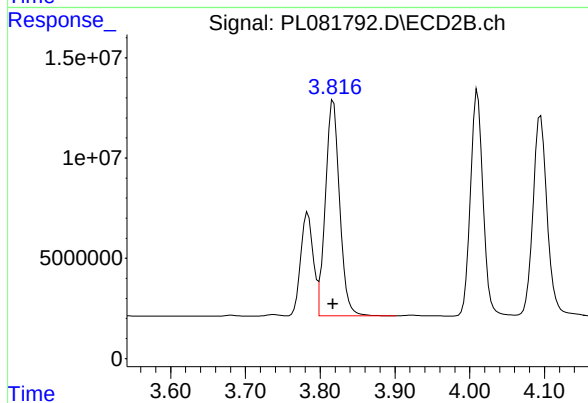
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.001 min
Response: 137140046
Conc: 49.26 ng/ml



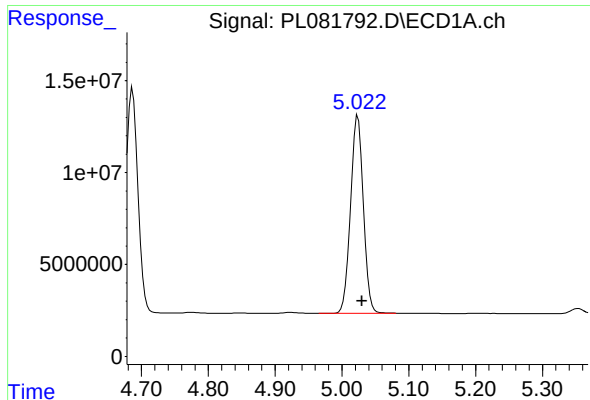
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 155833467
Conc: 49.44 ng/ml m



#4 Heptachlor

R.T.: 3.818 min
Delta R.T.: 0.000 min
Response: 142025835
Conc: 49.54 ng/ml



#5 Aldrin

R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 142091428
Conc: 49.68 ng/ml

Instrument :

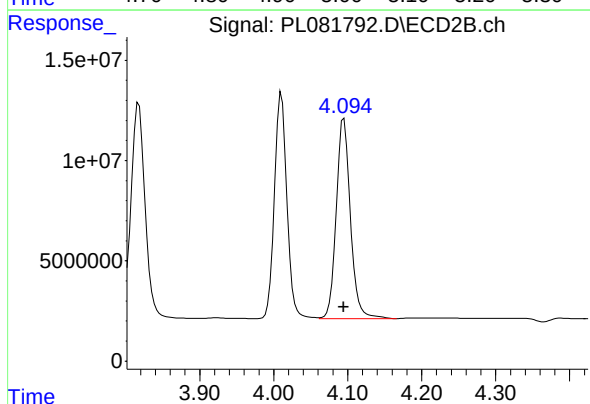
ECD_L

ClientSampleId :

PSTDCCC050

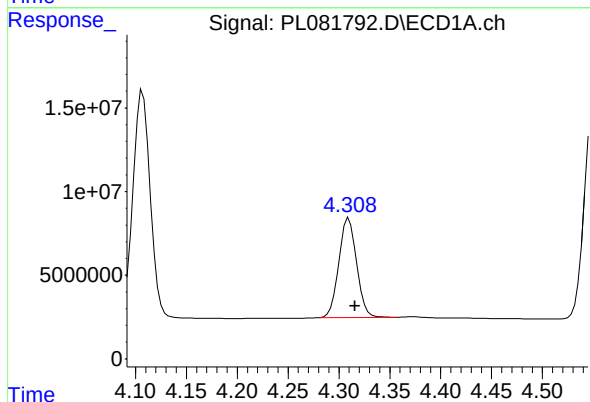
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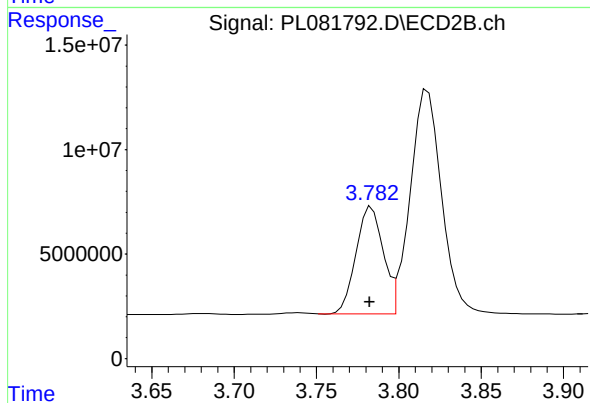
#5 Aldrin

R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 132868446
Conc: 49.87 ng/ml



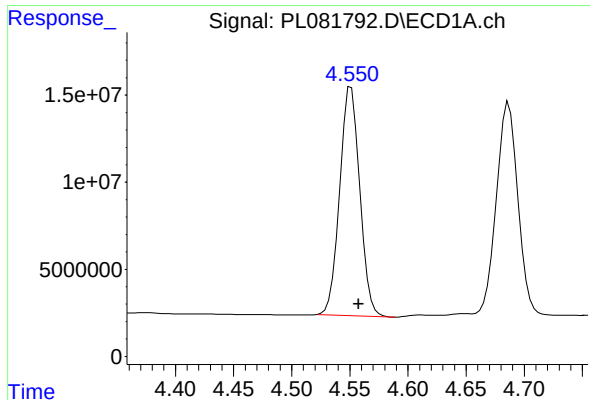
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 72473899
Conc: 48.15 ng/ml



#6 beta-BHC

R.T.: 3.783 min
Delta R.T.: 0.001 min
Response: 59137737
Conc: 49.65 ng/ml



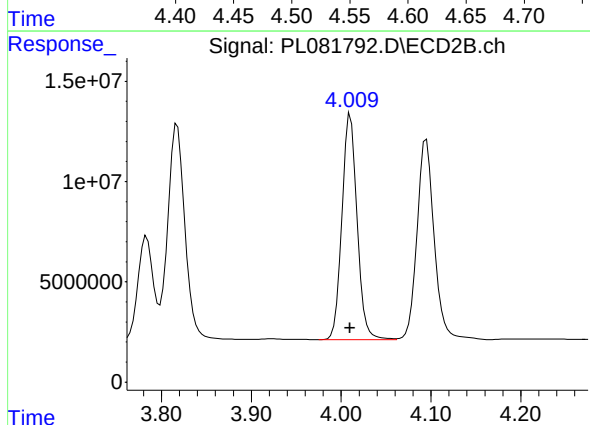
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 157784538
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

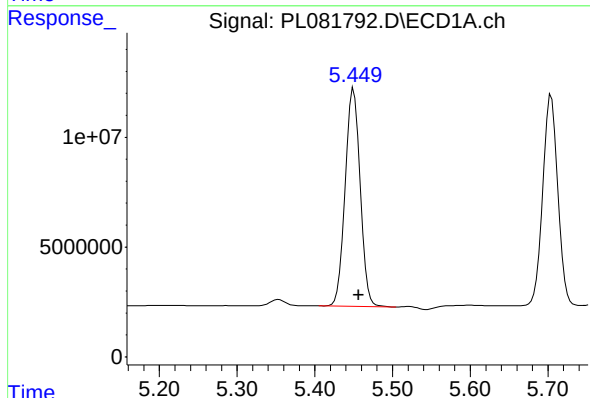
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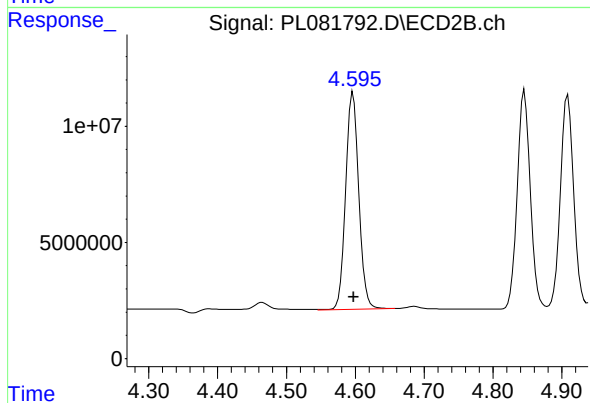
#7 delta-BHC

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 131711749
Conc: 50.93 ng/ml



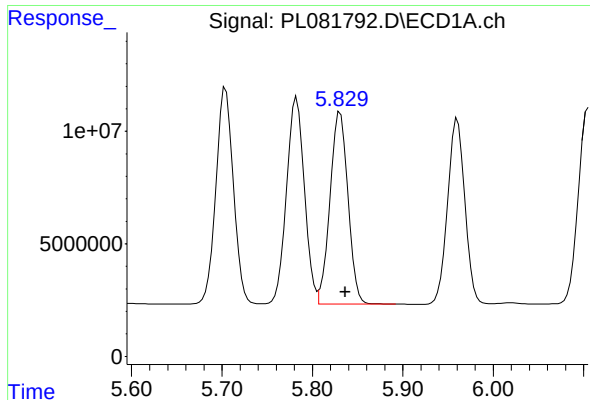
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: -0.006 min
Response: 132978442
Conc: 48.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 124201133
Conc: 51.14 ng/ml



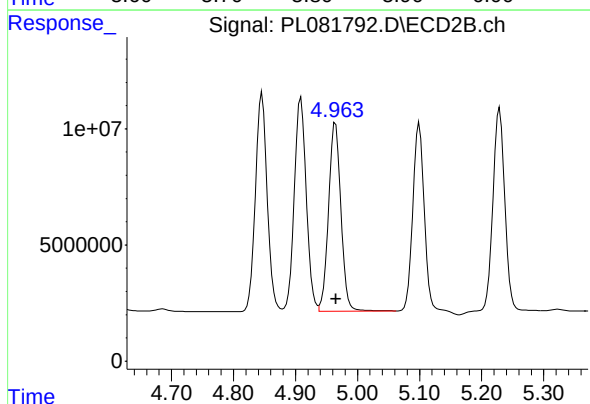
#9 Endosulfan I

R.T.: 5.831 min
Delta R.T.: -0.006 min
Response: 117730709
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

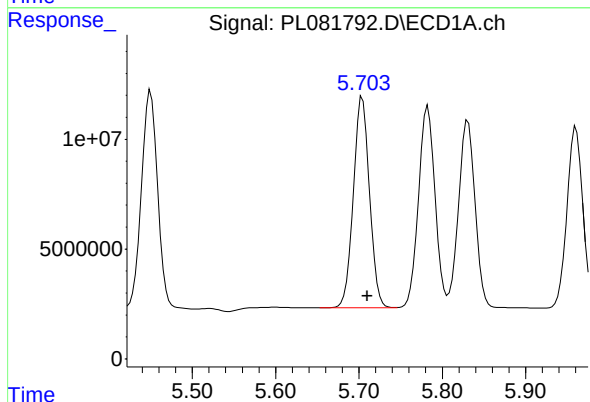
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Supervised By :mohammad ahmed 03/31/2023



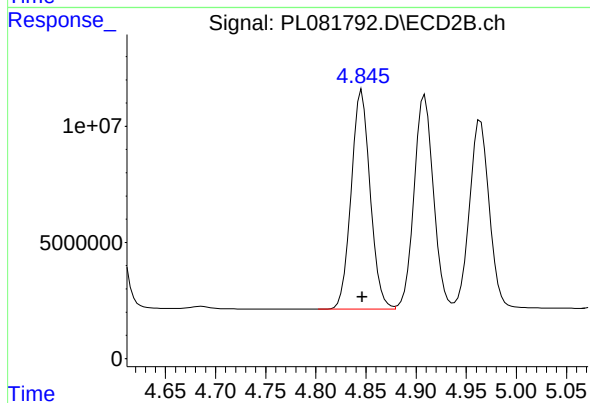
#9 Endosulfan I

R.T.: 4.964 min
Delta R.T.: -0.001 min
Response: 111992782
Conc: 50.73 ng/ml



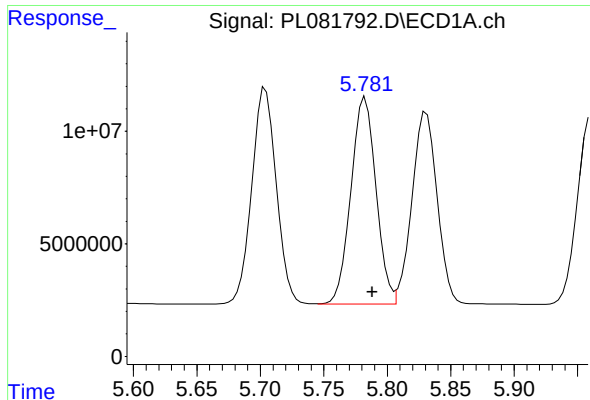
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 129085901
Conc: 49.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 124185015
Conc: 51.10 ng/ml



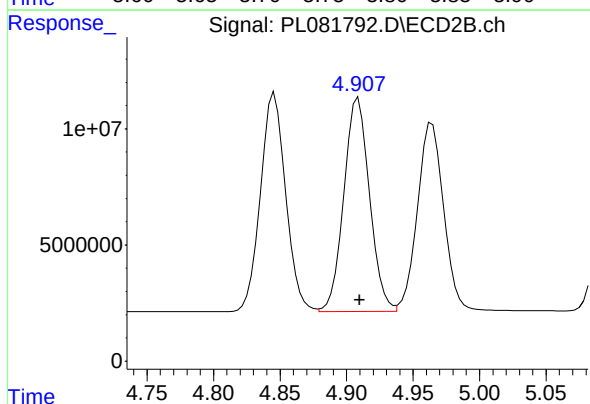
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.005 min
Response: 126537656
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

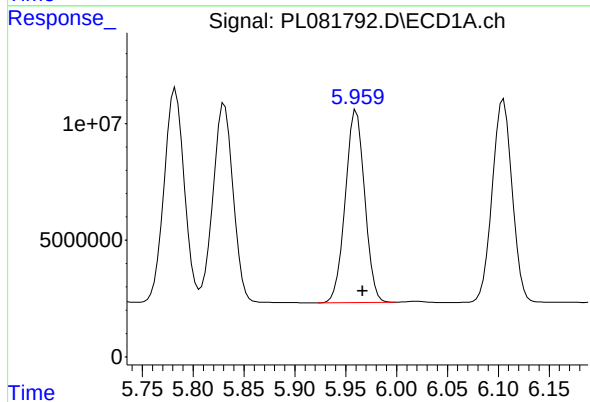
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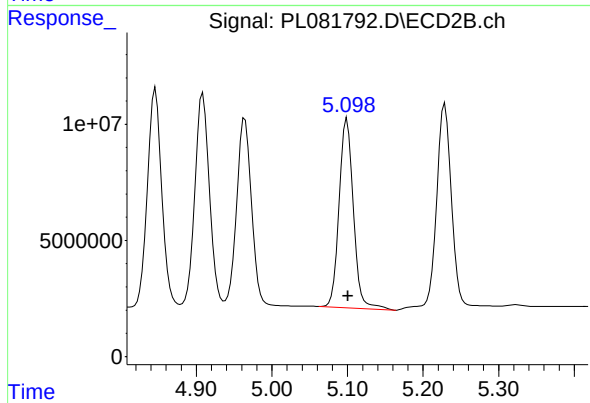
#11 alpha-Chlordane

R.T.: 4.909 min
Delta R.T.: -0.001 min
Response: 123612207
Conc: 50.89 ng/ml



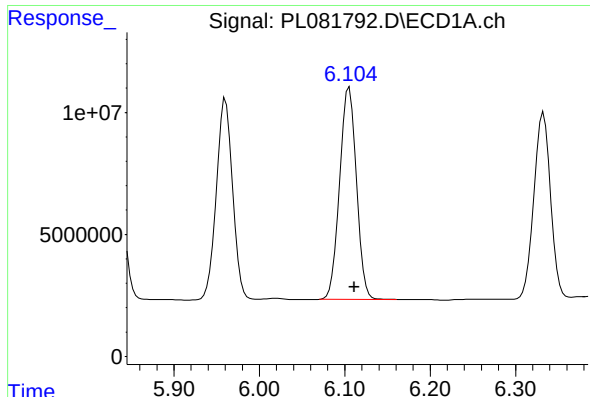
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 109249929
Conc: 48.48 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 106788747
Conc: 54.21 ng/ml



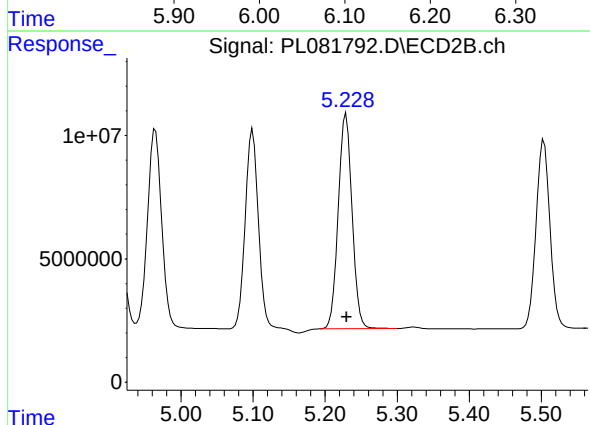
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 118653105
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

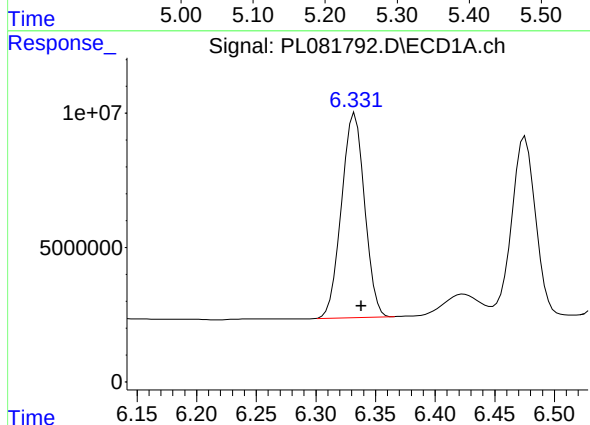
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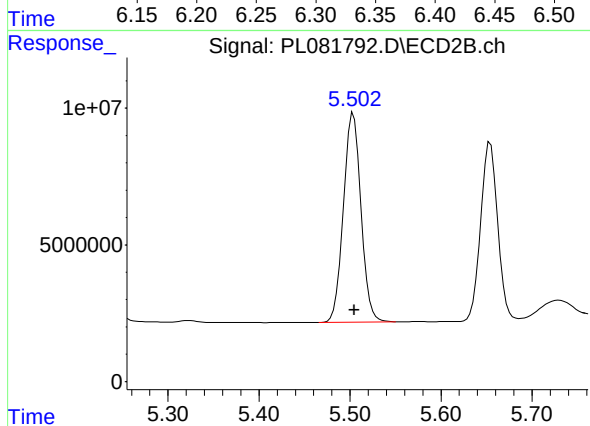
#13 Dieldrin

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 115560015
Conc: 51.37 ng/ml



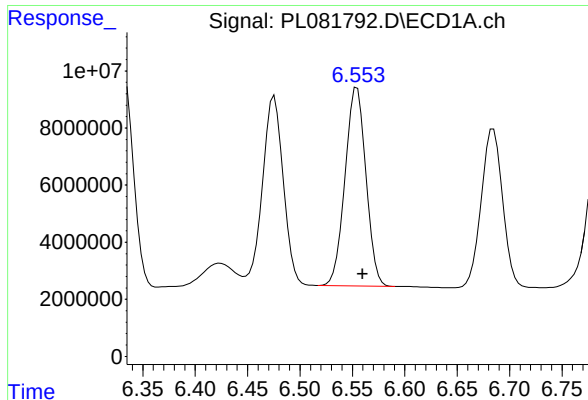
#14 Endrin

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 102483970
Conc: 48.45 ng/ml



#14 Endrin

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 102968060
Conc: 50.88 ng/ml



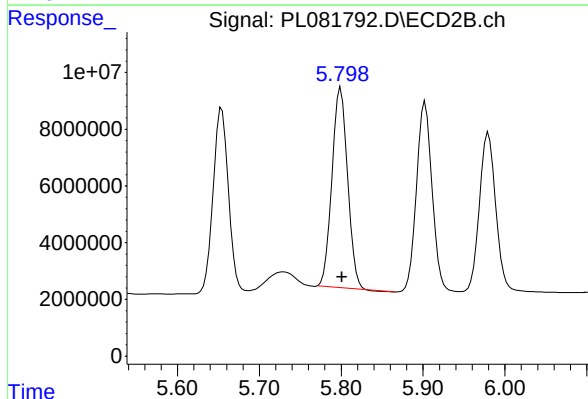
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.005 min
Response: 96497757
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

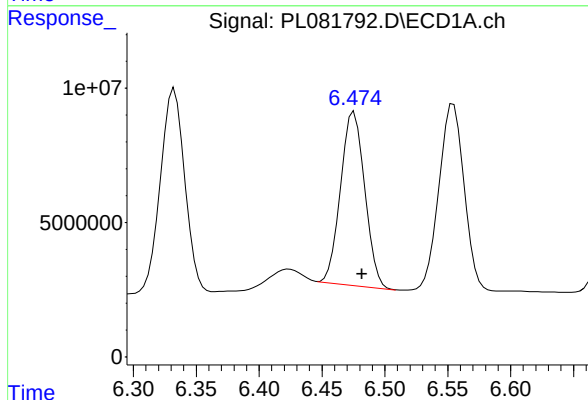
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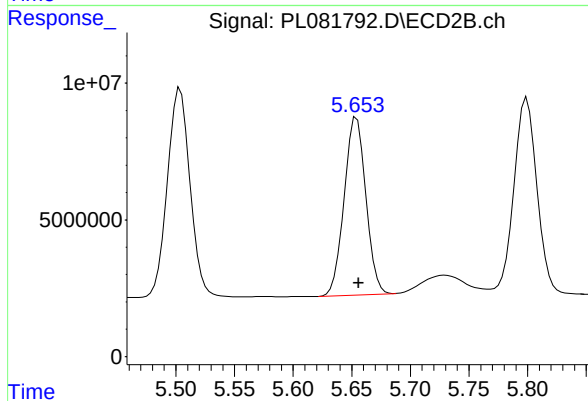
#15 Endosulfan II

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 93314740
Conc: 51.44 ng/ml



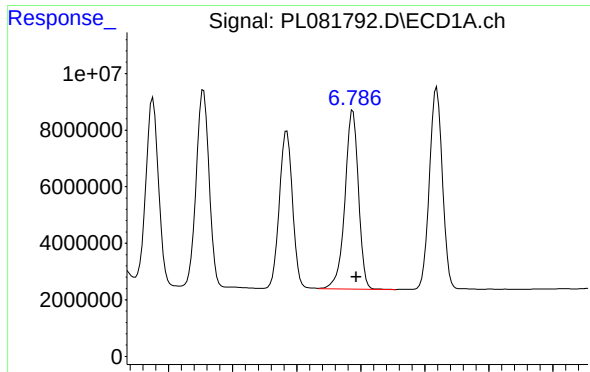
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 86329206
Conc: 47.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 83594648
Conc: 55.09 ng/ml



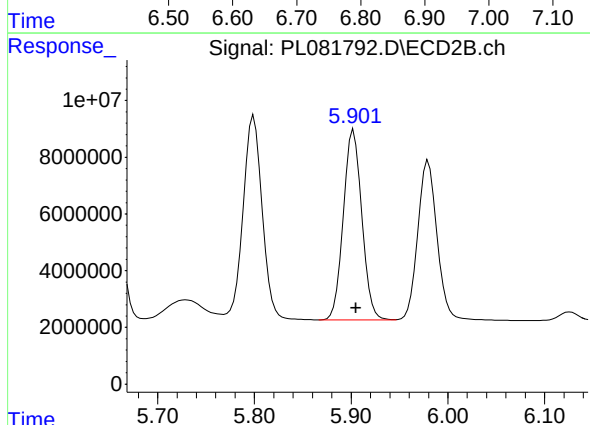
#17 4,4'-DDT

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 92753783
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

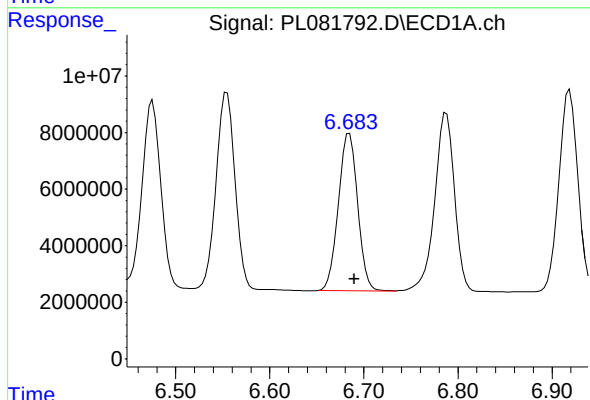
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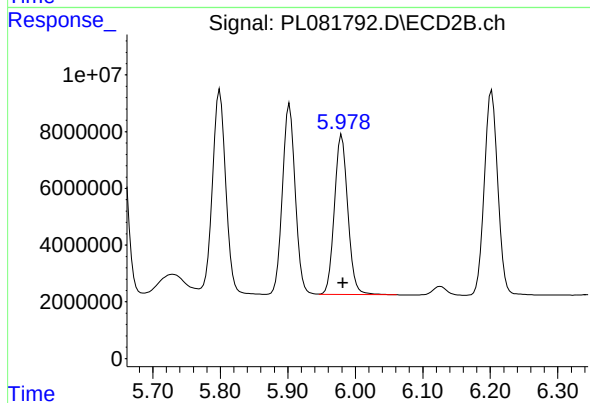
#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 88745865
Conc: 51.50 ng/ml



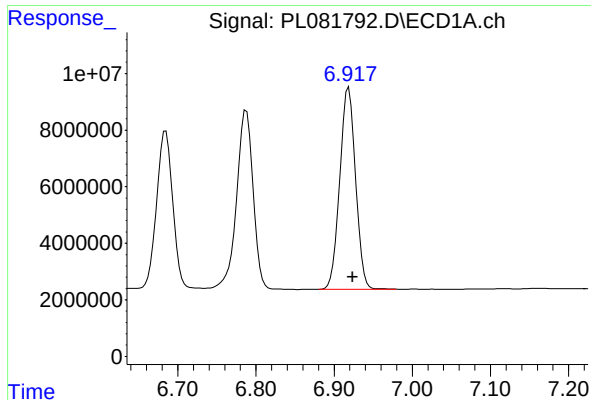
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.005 min
Response: 79470265
Conc: 48.57 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 77964418
Conc: 50.20 ng/ml



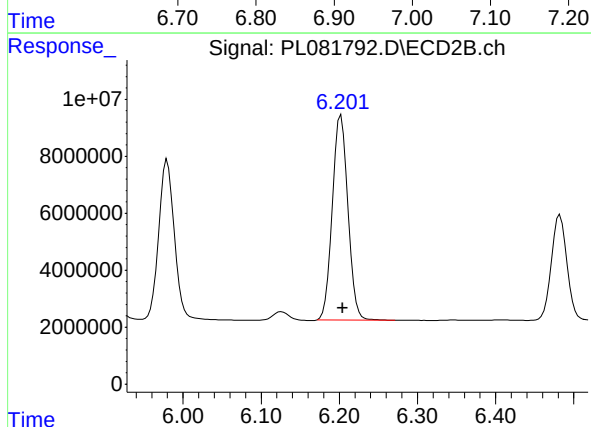
#19 Endosulfan Sulfate

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 100521115
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

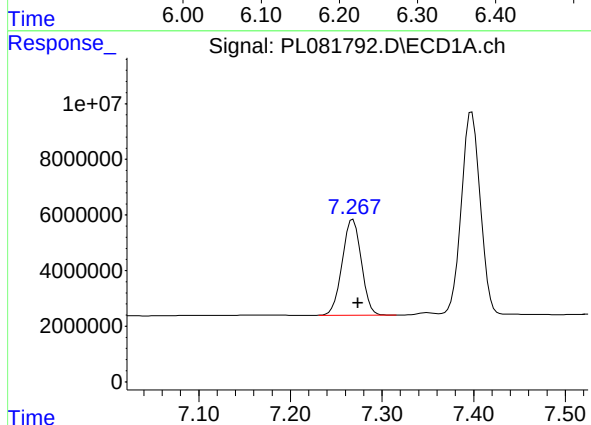
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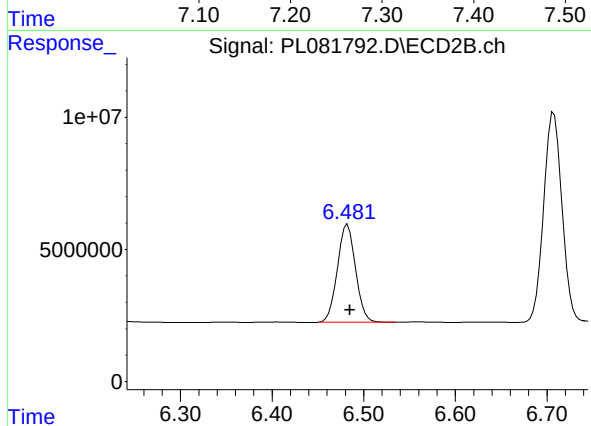
#19 Endosulfan Sulfate

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 99666032
Conc: 51.22 ng/ml



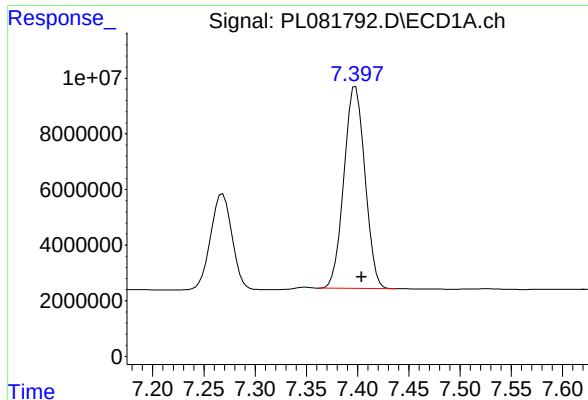
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.005 min
Response: 50211861
Conc: 46.63 ng/ml



#20 Methoxychlor

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 50970608
Conc: 51.17 ng/ml



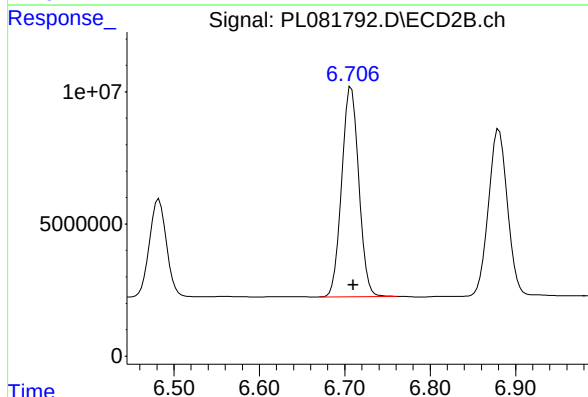
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 103486097
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

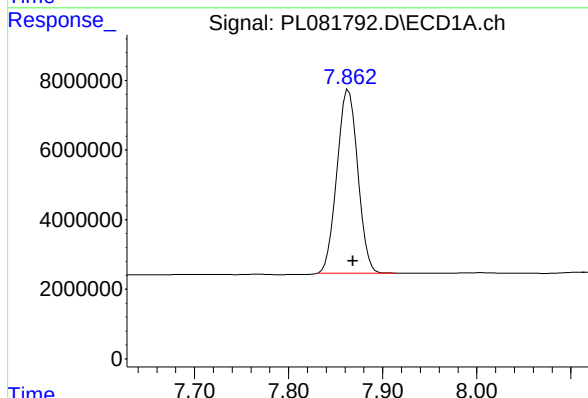
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Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



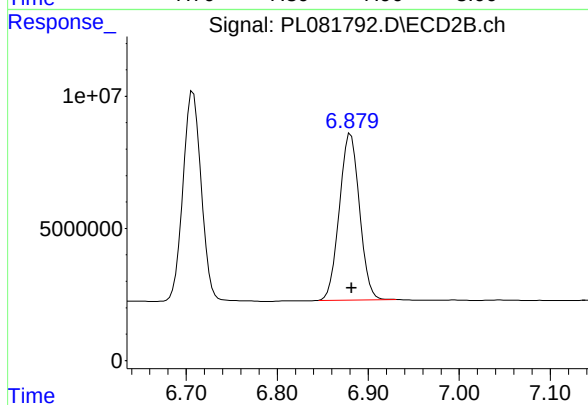
#21 Endrin ketone

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 110240009
Conc: 51.59 ng/ml



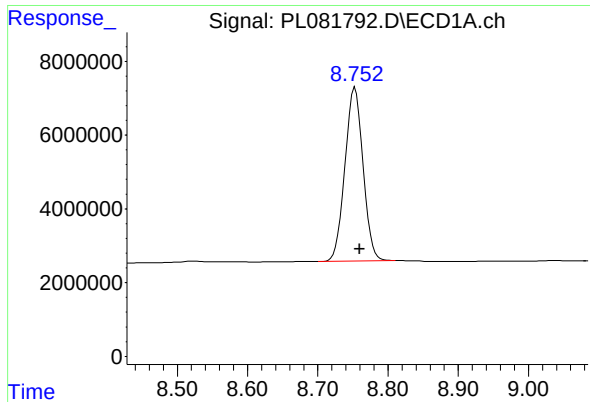
#22 Mirex

R.T.: 7.864 min
Delta R.T.: -0.005 min
Response: 81190899
Conc: 47.39 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: -0.001 min
Response: 96782818
Conc: 50.41 ng/ml



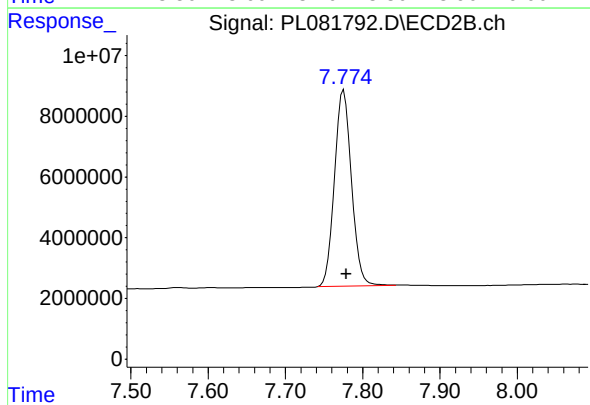
#28 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.007 min
Response: 84294592
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: -0.003 min
Response: 99025604
Conc: 49.93 ng/ml