

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
 Data File : PL081784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2023 12:40
 Operator : AR\AJ
 Sample : PB151787BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151787BS

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 21:11:23 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...	3.331	2.657	51343699	41274769	22.075	20.677
28) SA Decachlor...	8.755	7.775	41073910	48035091	22.951	24.220
Target Compounds						
2) A alpha-BHC	3.781	3.156	172.6E6	134.5E6	50.352	46.148
3) MA gamma-BHC...	4.109	3.484	160.0E6	127.7E6	50.356	45.874
4) MA Heptachlor	4.689	3.817	151.7E6	134.9E6	48.119	47.063
5) MB Aldrin	5.025	4.095	146.7E6	129.7E6	51.296	48.696
6) B beta-BHC	4.312	3.783	67948159	52028369	45.146	43.685
7) B delta-BHC	4.553	4.010	155.4E6	123.1E6	51.148	47.613
8) B Heptachlo...	5.452	4.596	135.4E6	119.5E6	49.791	49.197
9) A Endosulfan I	5.832	4.964	118.3E6	109.5E6	47.870	49.592
10) B gamma-Chl...	5.706	4.845	131.1E6	120.8E6	49.950	49.703
11) B alpha-Chl...	5.784	4.909	128.6E6	120.5E6	49.680	49.602
12) B 4,4'-DDE	5.962	5.099	111.4E6	98298951	49.442	49.903
13) MA Dieldrin	6.107	5.228	124.9E6	116.9E6	51.585	51.978
14) MA Endrin	6.334	5.503	107.9E6	105.6E6	51.012	52.158
15) B Endosulfa...	6.555	5.800	104.5E6	99009524	49.258	54.580
16) A 4,4'-DDD	6.476	5.654	87420618	78750409	48.473m	51.894
17) MA 4,4'-DDT	6.789	5.903	92735932	85045049	45.691	49.351
18) B Endrin al...	6.686	5.980	87452672	83437083	53.452	53.727
19) B Endosulfa...	6.920	6.202	104.0E6	100.1E6	49.922	51.466
20) A Methoxychlor	7.270	6.482	51572672	50157024	47.890	50.357
21) B Endrin ke...	7.400	6.707	105.8E6	110.5E6	50.492	51.702
22) Mirex	7.865	6.880	84170187	100.2E6	49.128	52.180

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033023\
Data File : PL081784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Mar 2023 12:40
Operator : AR\AJ
Sample : PB151787BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151787BS

Manual Integrations

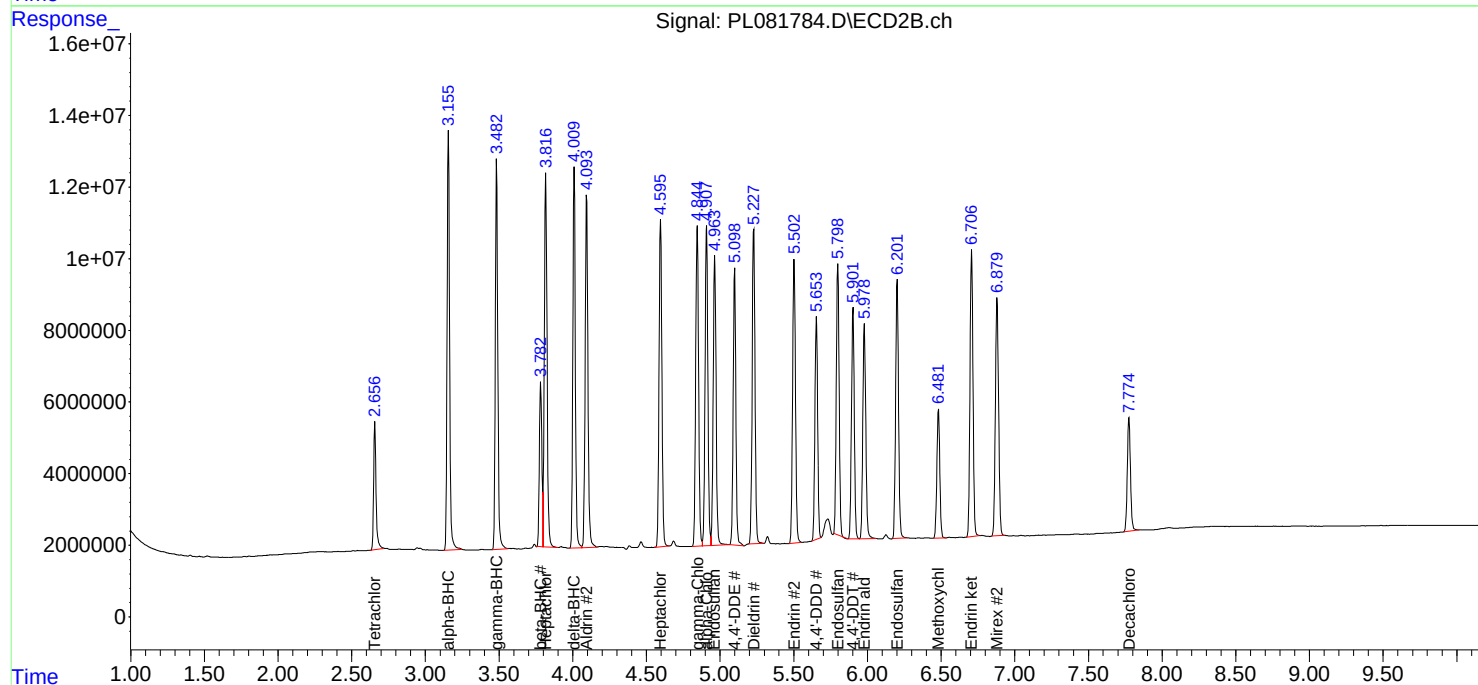
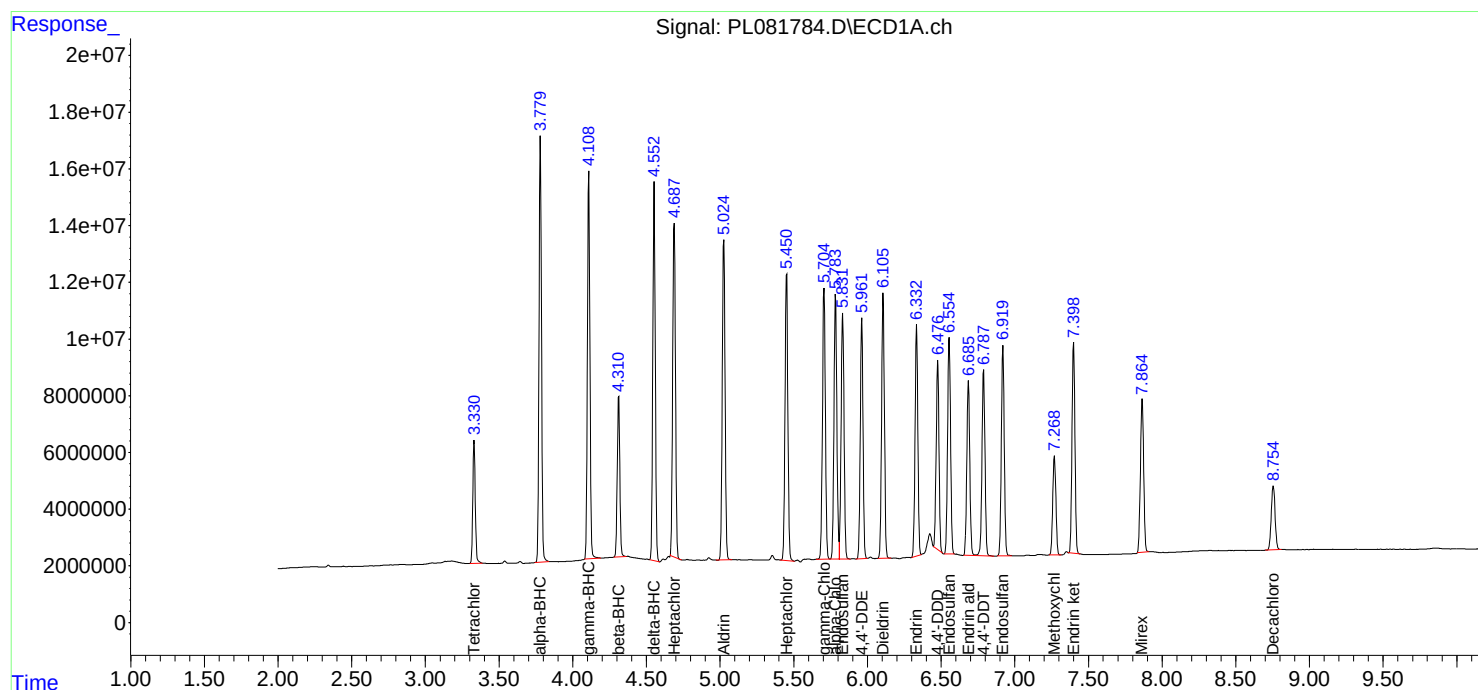
APPROVED

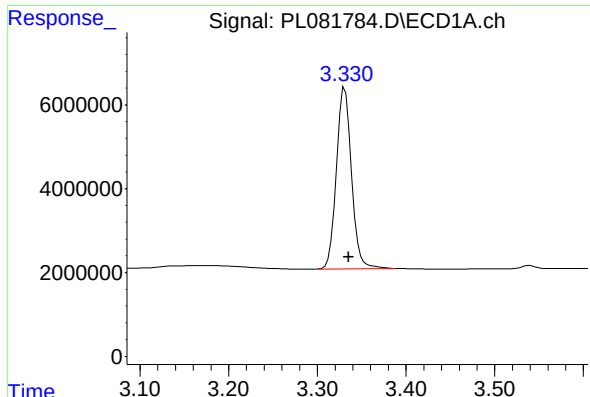
Reviewed By :Abdul Mirza 03/31/2023

Supervised By :mohammad ahmed 03/31/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 30 21:11:23 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





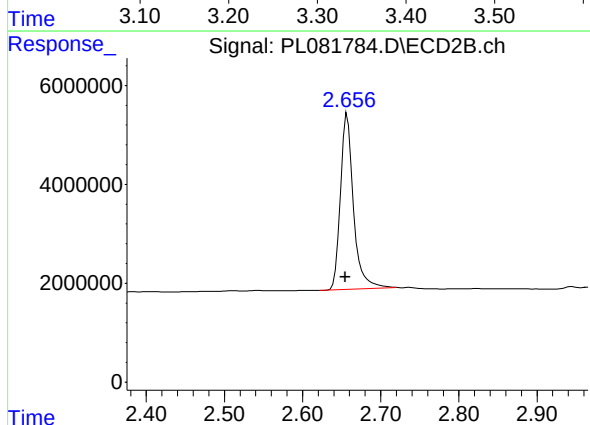
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 51343699
Conc: 22.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

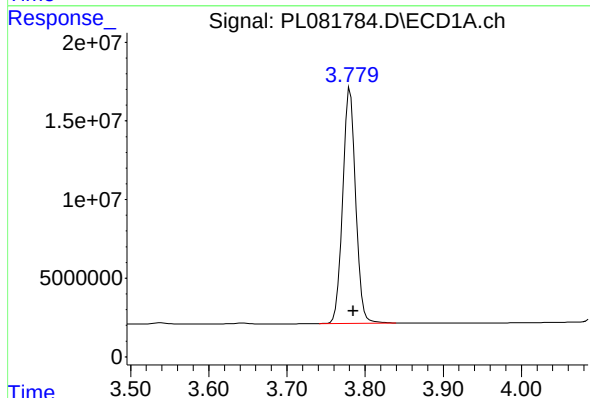
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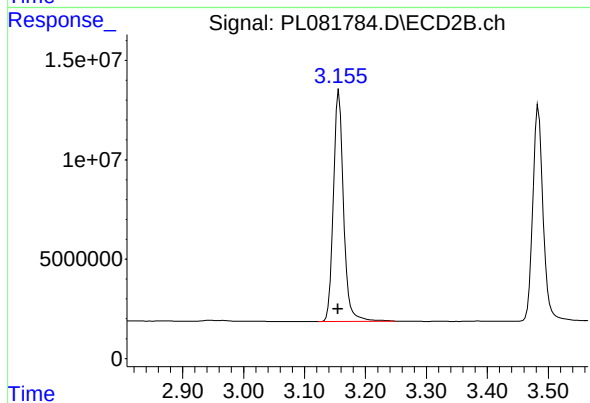
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.003 min
Response: 41274769
Conc: 20.68 ng/ml



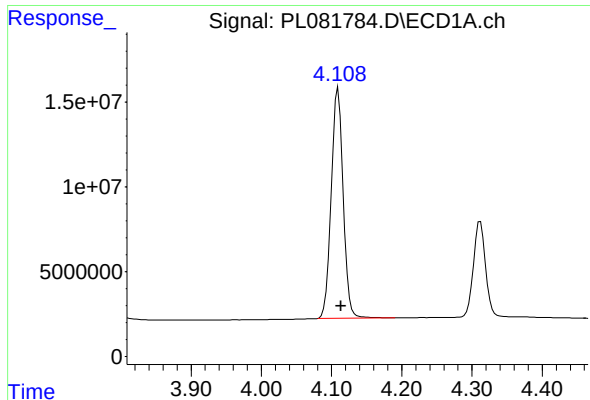
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.004 min
Response: 172624972
Conc: 50.35 ng/ml



#2 alpha-BHC

R.T.: 3.156 min
Delta R.T.: 0.002 min
Response: 134521056
Conc: 46.15 ng/ml



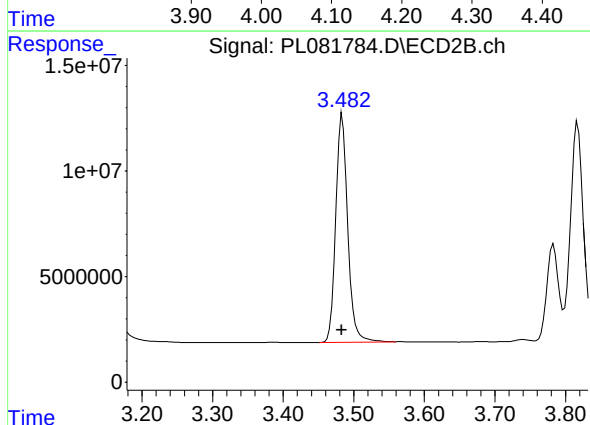
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.004 min
Response: 159972892
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

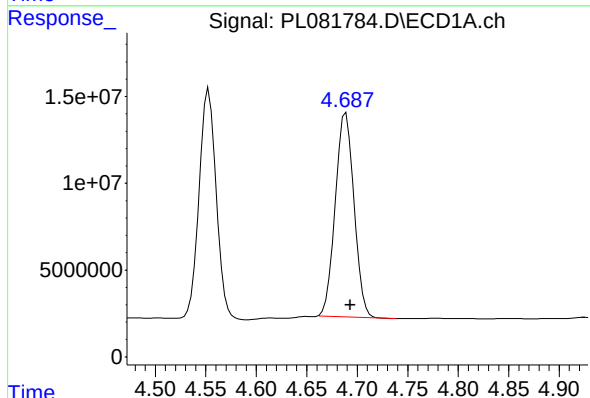
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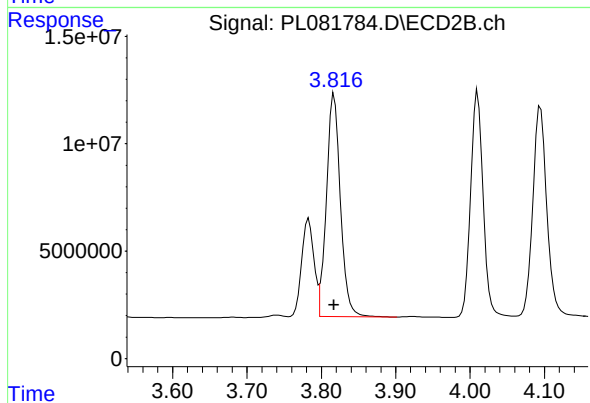
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 127723707
Conc: 45.87 ng/ml



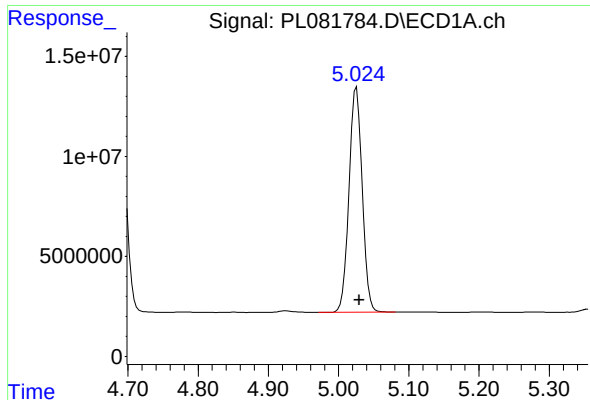
#4 Heptachlor

R.T.: 4.689 min
Delta R.T.: -0.004 min
Response: 151679138
Conc: 48.12 ng/ml



#4 Heptachlor

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 134929134
Conc: 47.06 ng/ml



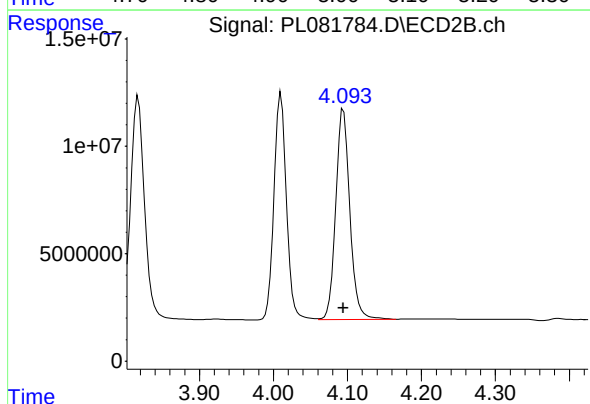
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.004 min
Response: 146722099
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

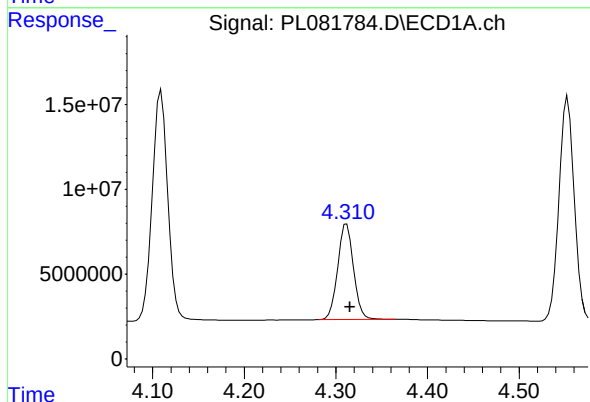
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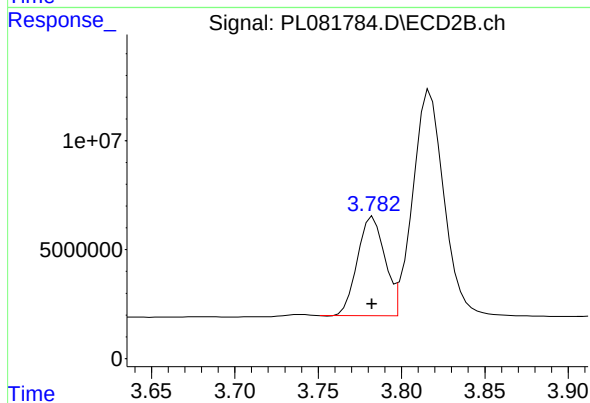
#5 Aldrin

R.T.: 4.095 min
Delta R.T.: 0.000 min
Response: 129748365
Conc: 48.70 ng/ml



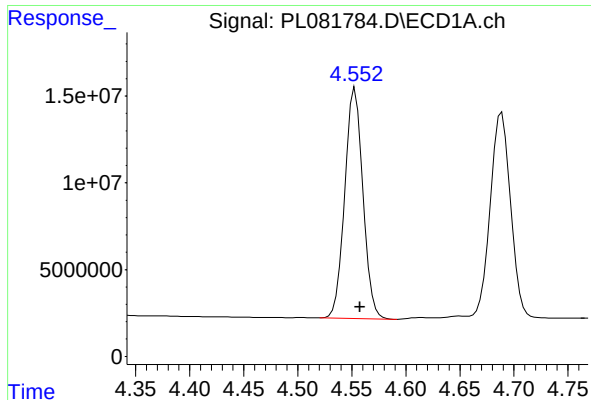
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.004 min
Response: 67948159
Conc: 45.15 ng/ml



#6 beta-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 52028369
Conc: 43.69 ng/ml



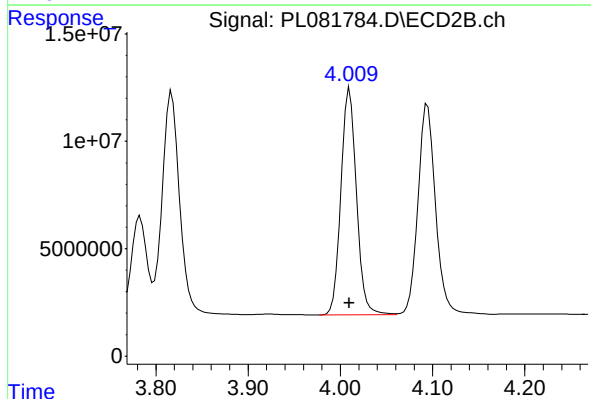
#7 delta-BHC

R.T.: 4.553 min
Delta R.T.: -0.005 min
Response: 155449899
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

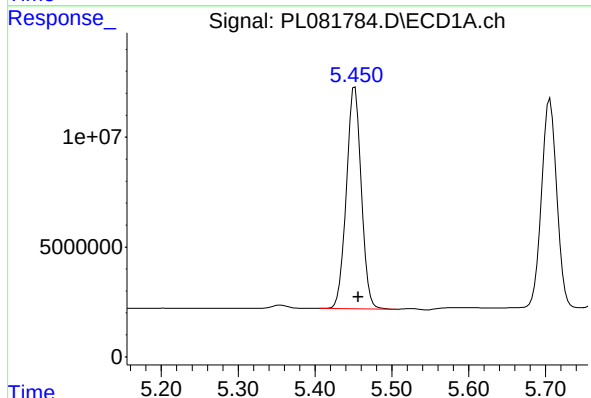
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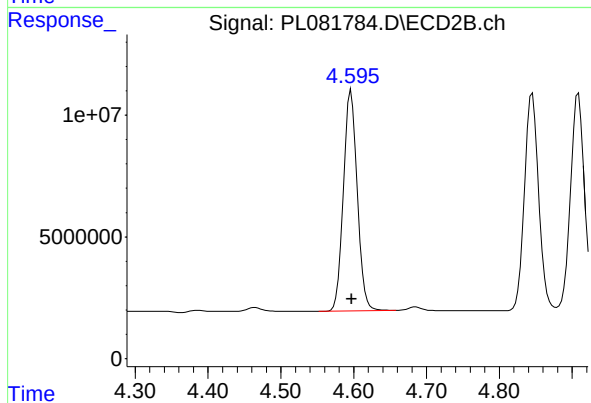
#7 delta-BHC

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 123131655
Conc: 47.61 ng/ml



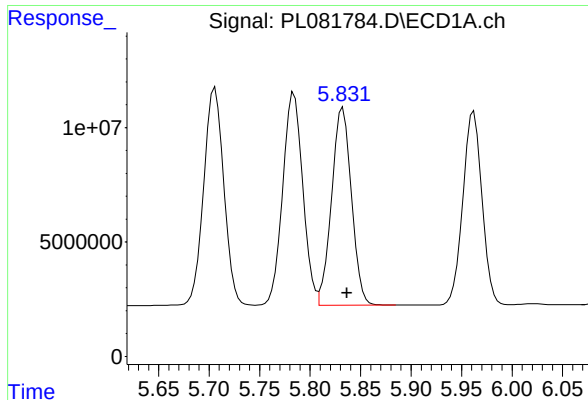
#8 Heptachlor epoxide

R.T.: 5.452 min
Delta R.T.: -0.005 min
Response: 135431873
Conc: 49.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 119487001
Conc: 49.20 ng/ml



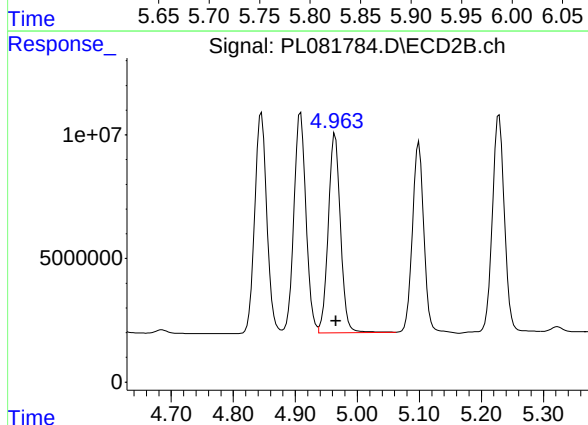
#9 Endosulfan I

R.T.: 5.832 min
Delta R.T.: -0.004 min
Response: 118278007
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

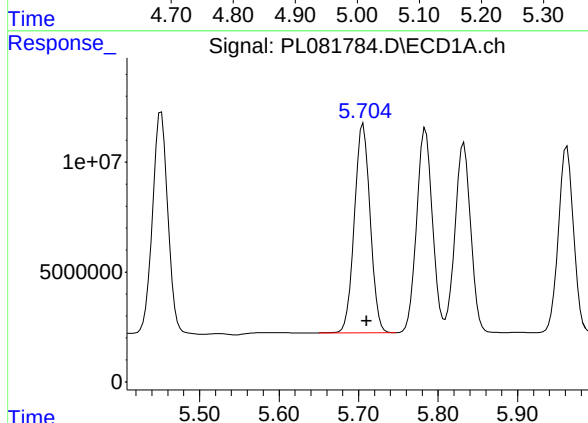
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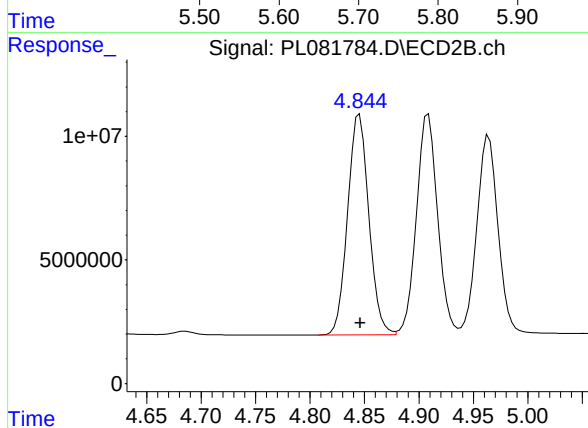
#9 Endosulfan I

R.T.: 4.964 min
Delta R.T.: -0.001 min
Response: 109484874
Conc: 49.59 ng/ml



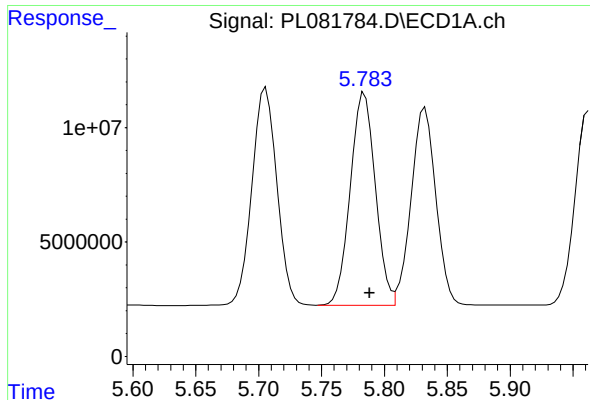
#10 gamma-Chlordane

R.T.: 5.706 min
Delta R.T.: -0.005 min
Response: 131130763
Conc: 49.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.845 min
Delta R.T.: 0.000 min
Response: 120797919
Conc: 49.70 ng/ml



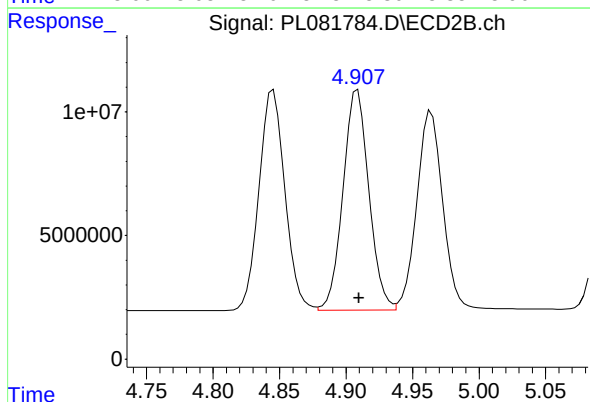
#11 alpha-Chlordane

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 128591171
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

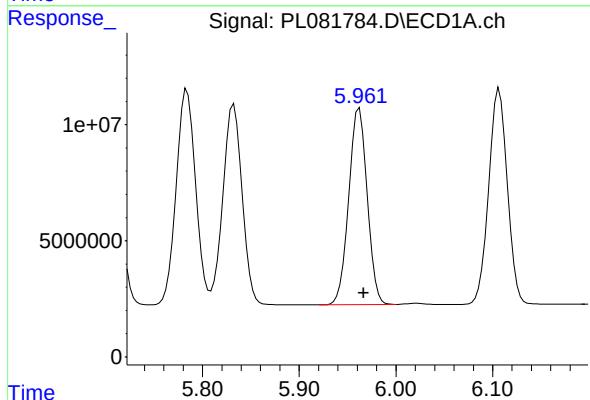
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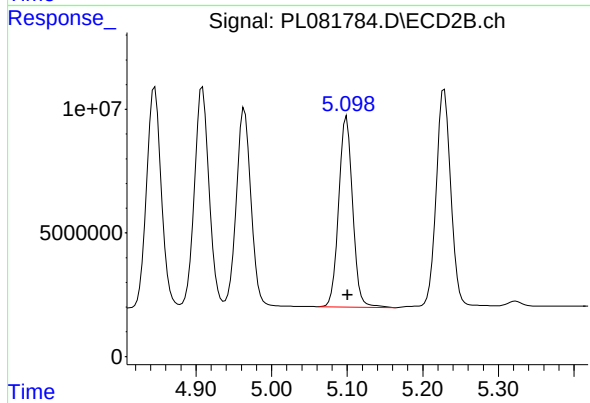
#11 alpha-Chlordane

R.T.: 4.909 min
Delta R.T.: -0.001 min
Response: 120479777
Conc: 49.60 ng/ml



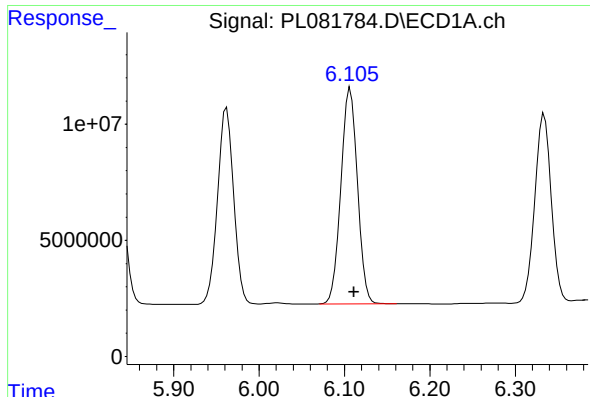
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 111424345
Conc: 49.44 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min
Delta R.T.: -0.001 min
Response: 98298951
Conc: 49.90 ng/ml



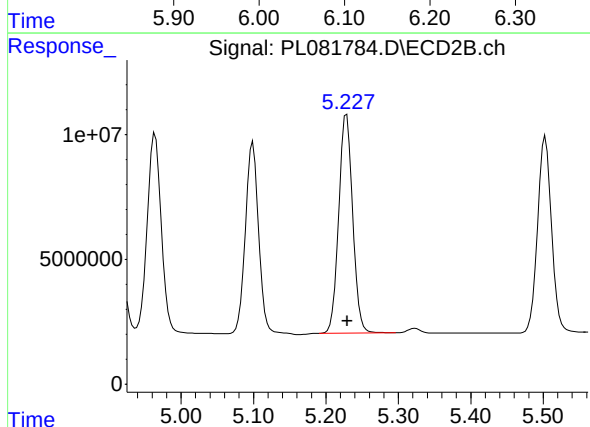
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 124884447
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

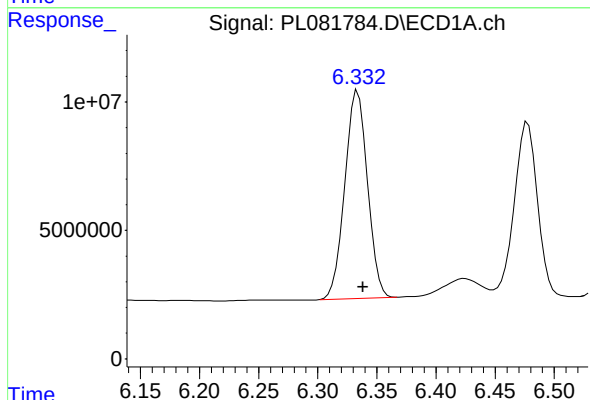
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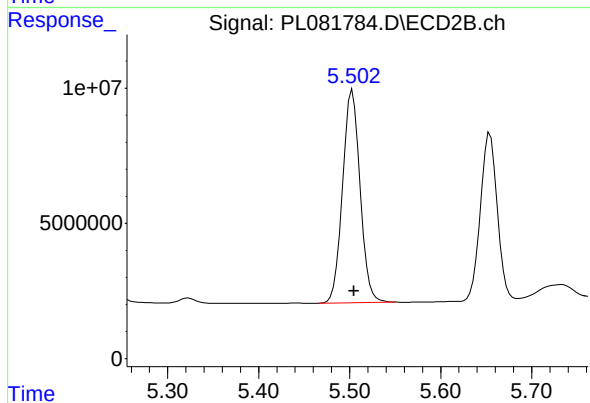
#13 Dieldrin

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 116921653
Conc: 51.98 ng/ml



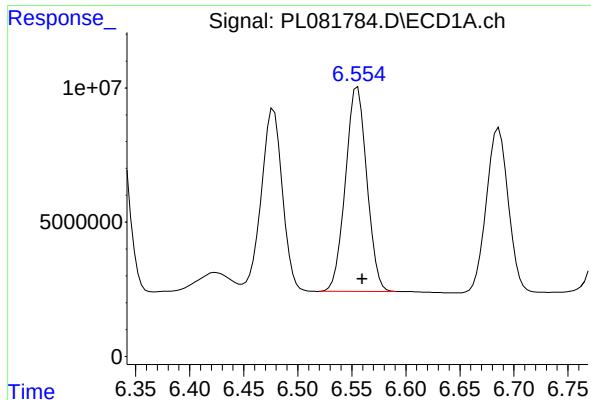
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 107902734
Conc: 51.01 ng/ml



#14 Endrin

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 105553703
Conc: 52.16 ng/ml



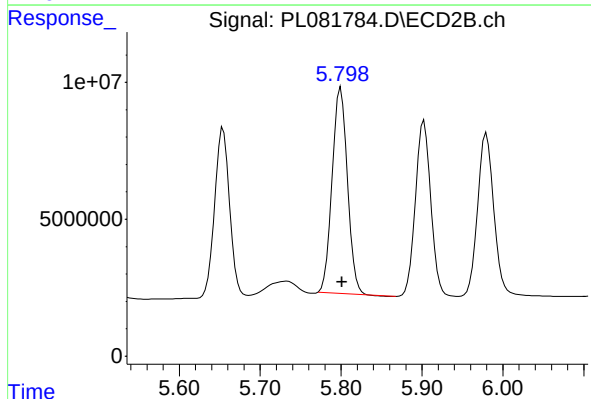
#15 Endosulfan II

R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 104530708
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

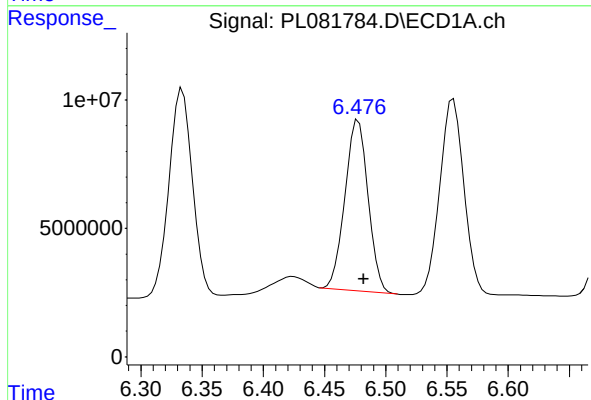
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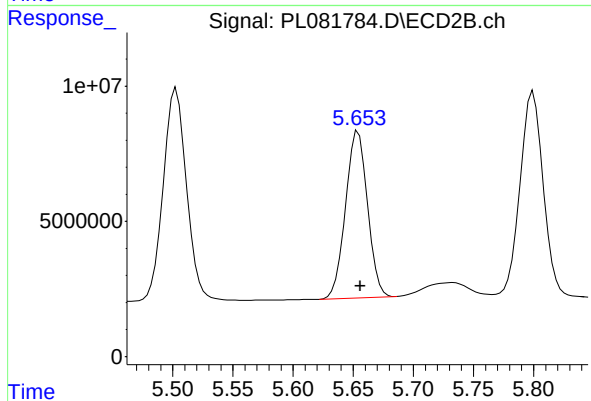
#15 Endosulfan II

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 99009524
Conc: 54.58 ng/ml



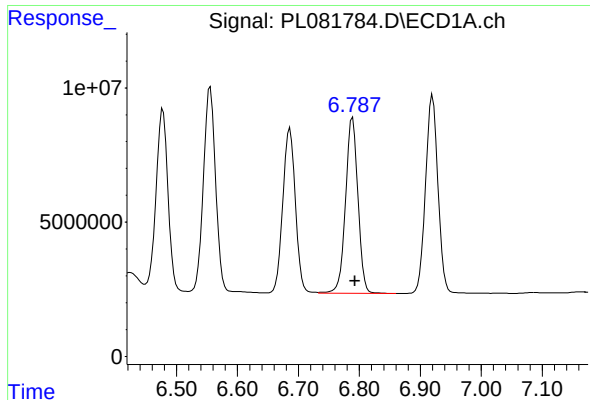
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 87420618
Conc: 48.47 ng/ml m



#16 4,4'-DDD

R.T.: 5.654 min
Delta R.T.: -0.002 min
Response: 78750409
Conc: 51.89 ng/ml



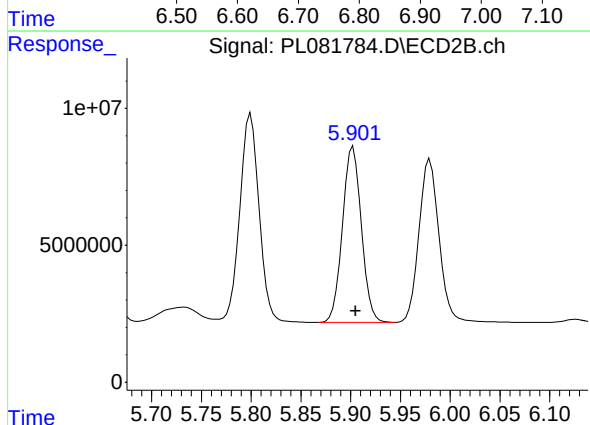
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 92735932
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

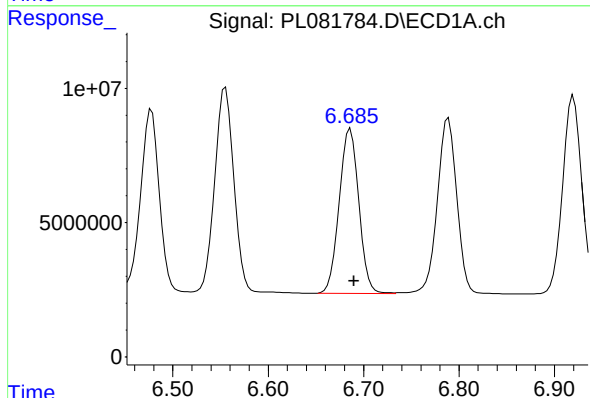
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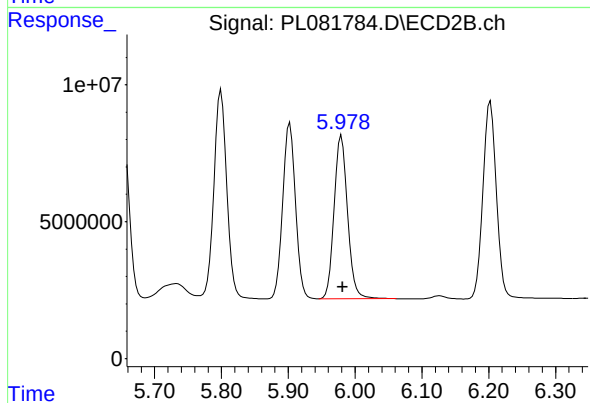
#17 4,4'-DDT

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 85045049
Conc: 49.35 ng/ml



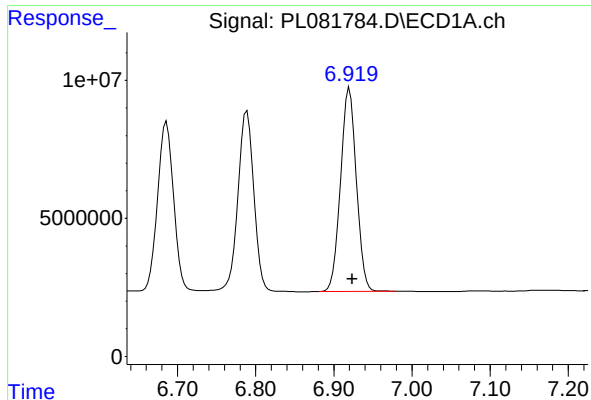
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.004 min
Response: 87452672
Conc: 53.45 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 83437083
Conc: 53.73 ng/ml



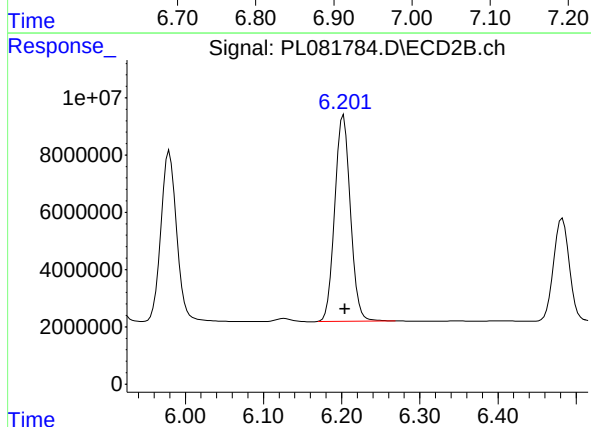
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 104039407
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

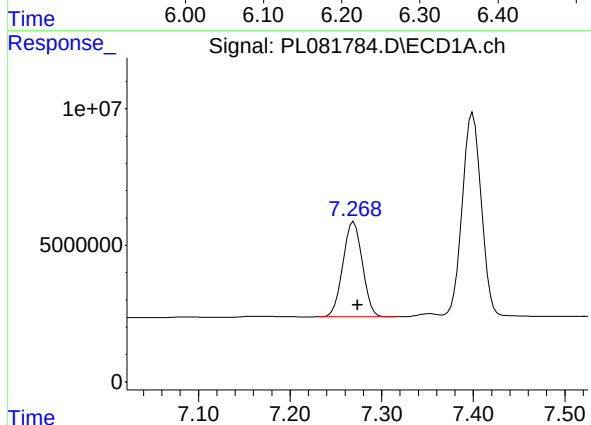
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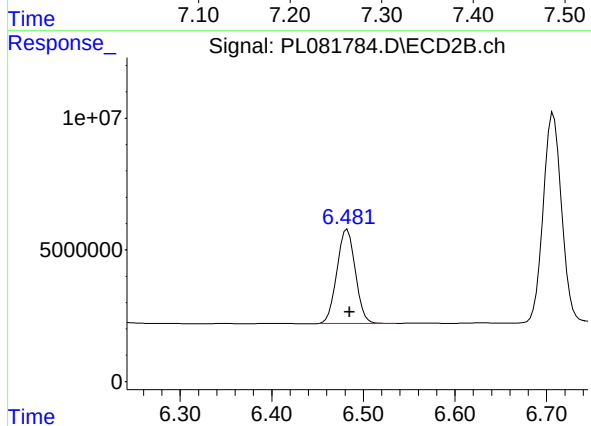
#19 Endosulfan Sulfate

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 100137543
Conc: 51.47 ng/ml



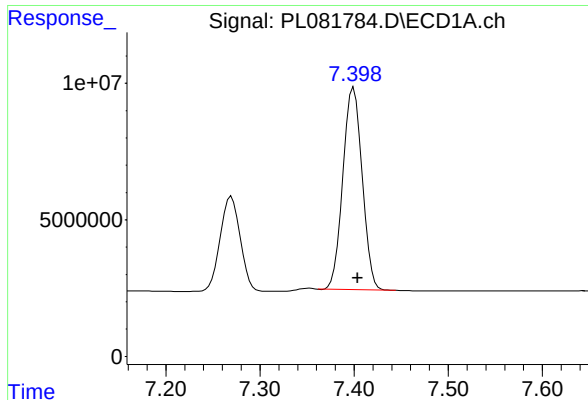
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 51572672
Conc: 47.89 ng/ml



#20 Methoxychlor

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 50157024
Conc: 50.36 ng/ml



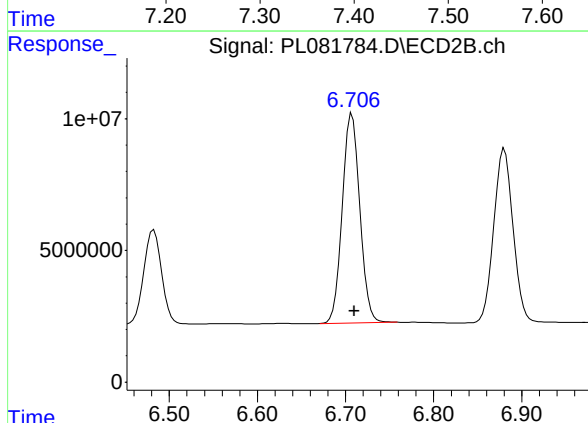
#21 Endrin ketone

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 105763498
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

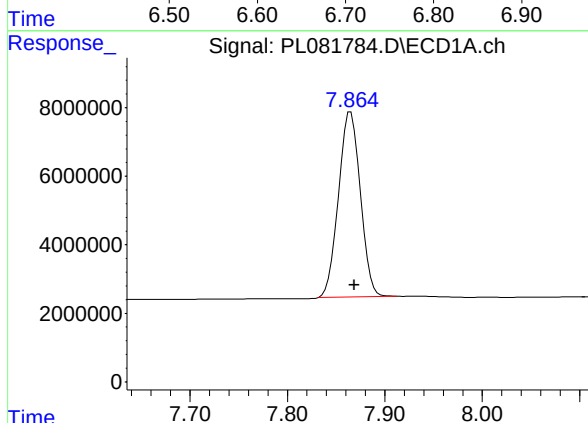
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Reviewed By :Abdul Mirza 03/31/2023
Supervised By :mohammad ahmed 03/31/2023



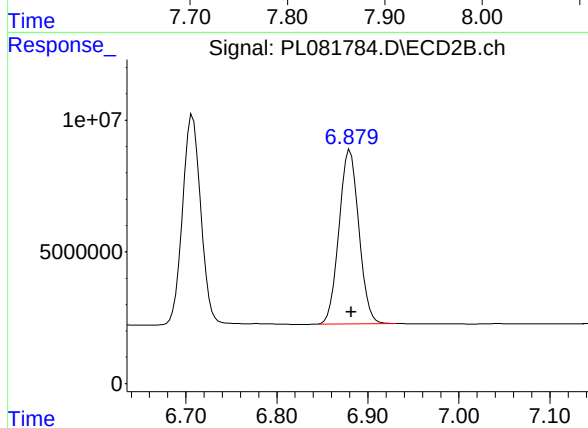
#21 Endrin ketone

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 110487452
Conc: 51.70 ng/ml



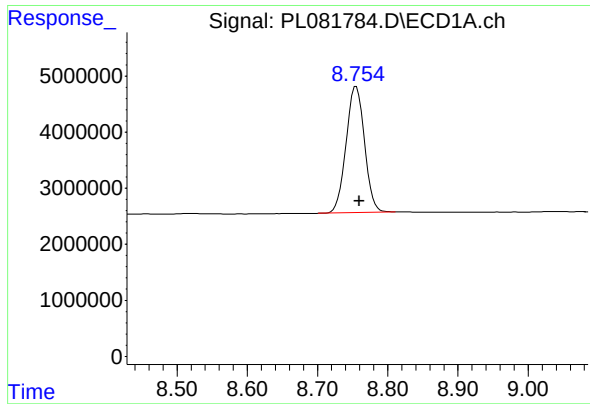
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.004 min
Response: 84170187
Conc: 49.13 ng/ml



#22 Mirex

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 100172314
Conc: 52.18 ng/ml



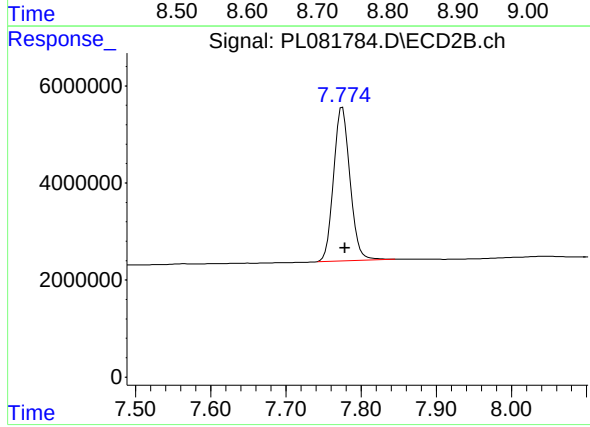
#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.005 min
Response: 41073910
Conc: 22.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151787BS

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.: -0.004 min
Response: 48035091
Conc: 24.22 ng/ml