

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 16:59
 Operator : AR\AJ
 Sample : PB151824BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151824BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2023
 Supervised By : Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 22:19:07 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...	3.328	2.656	51852349	45196293	22.294	22.642
28) SA Decachlor...	8.750	7.773	42442298	50306983	23.716	25.366
Target Compounds						
2) A alpha-BHC	3.778	3.155	172.3E6	145.8E6	50.248	50.034
3) MA gamma-BHC...	4.106	3.483	157.6E6	137.6E6	49.613	49.416
4) MA Heptachlor	4.686	3.816	144.8E6	137.8E6	45.931	48.068
5) MB Aldrin	5.022	4.093	147.1E6	137.4E6	51.439	51.583
6) B beta-BHC	4.308	3.782	70663114	56241223	46.950	47.222
7) B delta-BHC	4.550	4.009	156.3E6	135.1E6	51.435	52.223
8) B Heptachlo...	5.448	4.595	132.6E6	128.1E6	48.753	52.733
9) A Endosulfan I	5.829	4.963	119.1E6	119.2E6	48.204	54.012
10) B gamma-Chl...	5.703	4.844	131.3E6	130.0E6	50.019	53.497
11) B alpha-Chl...	5.781	4.907	129.3E6	129.2E6	49.968	53.186
12) B 4,4'-DDE	5.959	5.098	115.4E6	108.9E6	51.217	55.308
13) MA Dieldrin	6.104	5.227	127.2E6	125.3E6	52.542	55.689
14) MA Endrin	6.330	5.502	104.3E6	107.1E6	49.298	52.909
15) B Endosulfa...	6.552	5.796	107.1E6	107.4E6	50.470	59.201m
16) A 4,4'-DDD	6.475	5.652	93599137	90915150	51.899	59.910
17) MA 4,4'-DDT	6.786	5.901	86635095	86353677	42.685	50.110
18) B Endrin al...	6.682	5.978	89803601	89872813	54.888	57.871
19) B Endosulfa...	6.916	6.201	105.1E6	107.2E6	50.437	55.085
20) A Methoxychlor	7.266	6.481	47847521	50748850	44.431	50.951
21) B Endrin ke...	7.396	6.706	106.5E6	119.3E6	50.855	55.831
22) Mirex	7.861	6.878	83471741	101.1E6	48.721	52.688

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 16:59
Operator : AR\AJ
Sample : PB151824BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

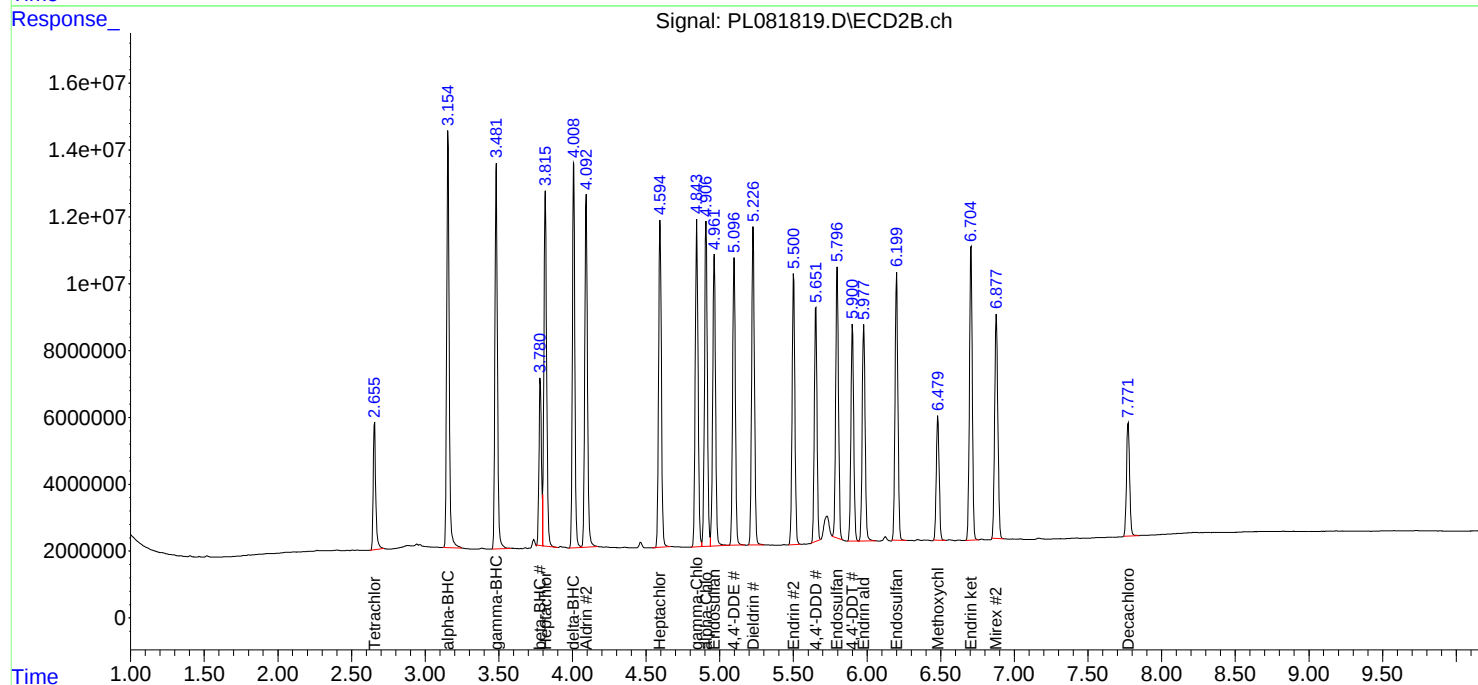
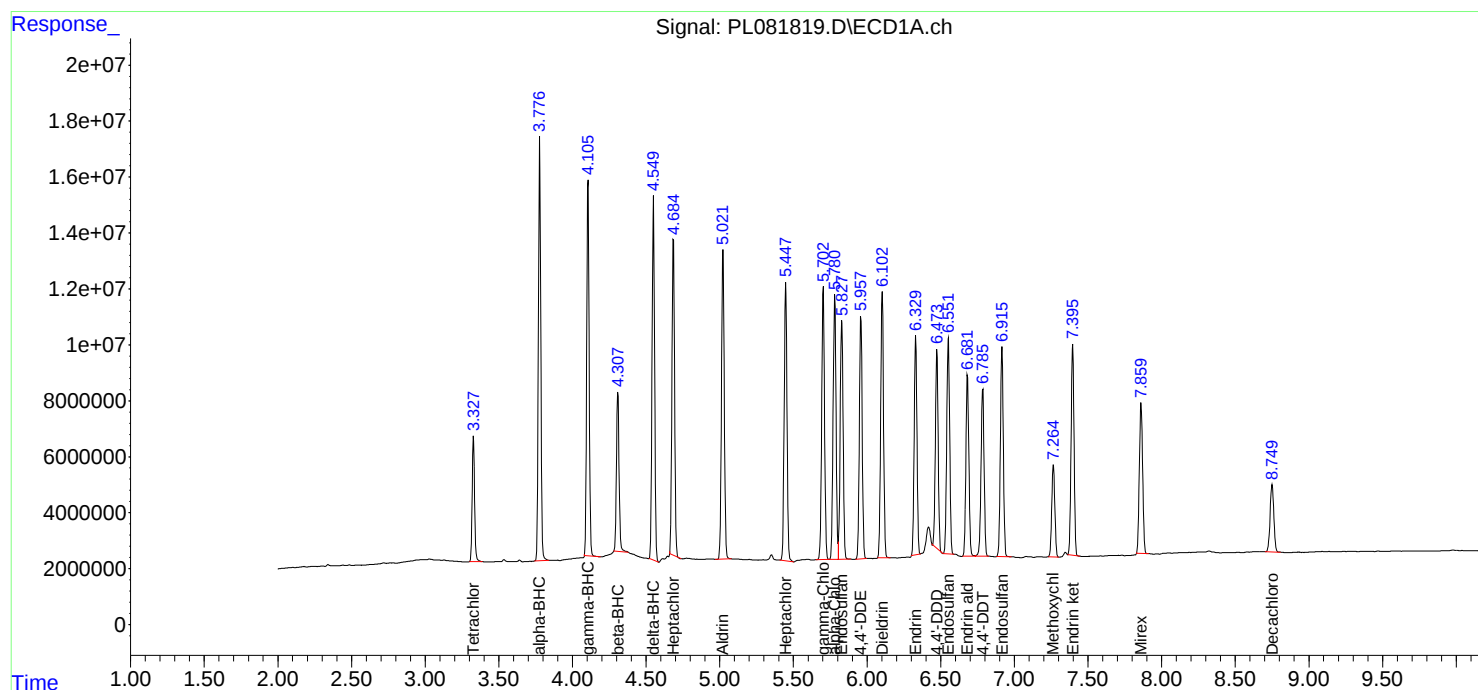
Instrument :
ECD_L
ClientSampleId :
PB151824BSD

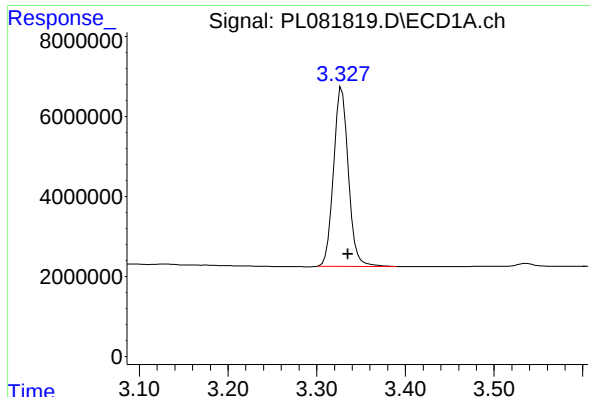
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 22:19:07 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
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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





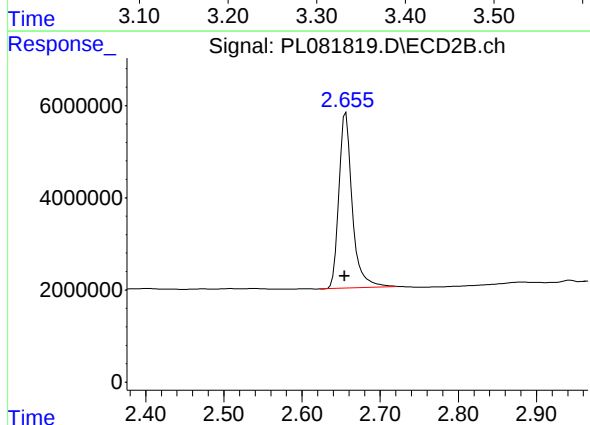
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 51852349
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

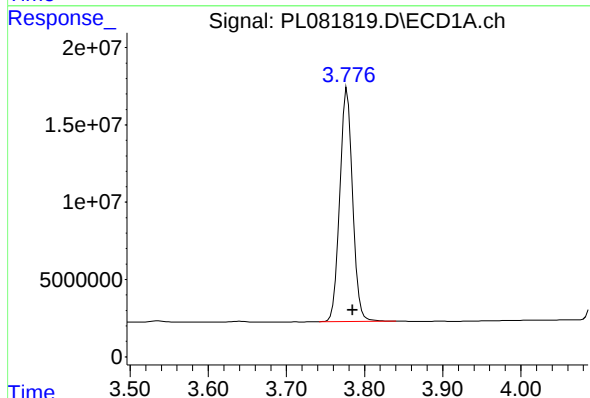
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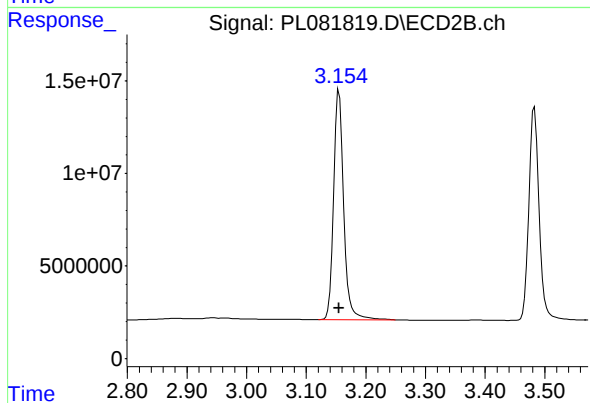
#1 Tetrachloro-m-xylene

R.T.: 2.656 min
Delta R.T.: 0.001 min
Response: 45196293
Conc: 22.64 ng/ml



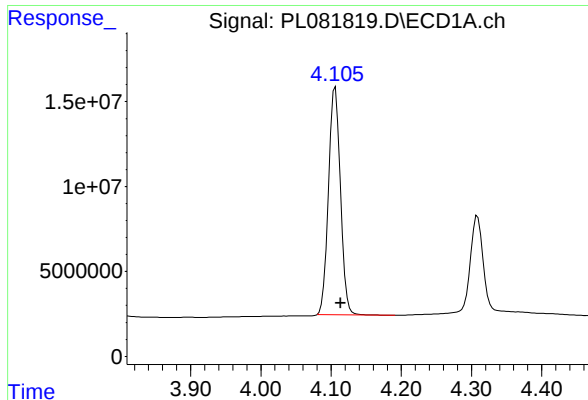
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.007 min
Response: 172268566
Conc: 50.25 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 145848146
Conc: 50.03 ng/ml



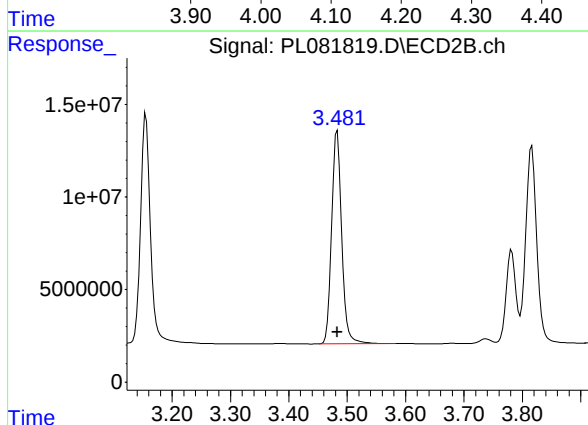
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 157611284
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

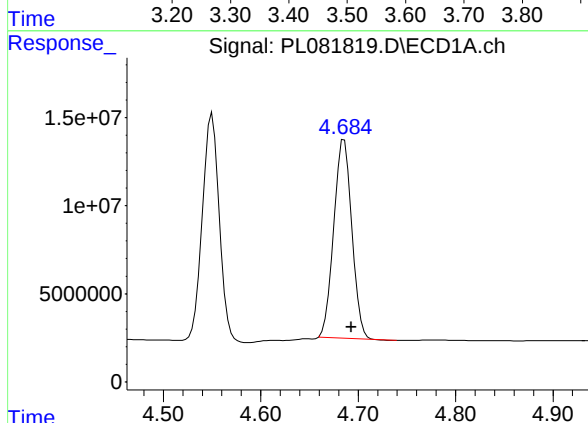
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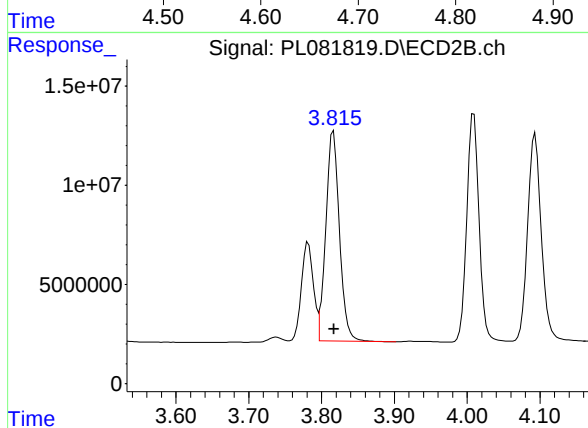
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 137585305
Conc: 49.42 ng/ml



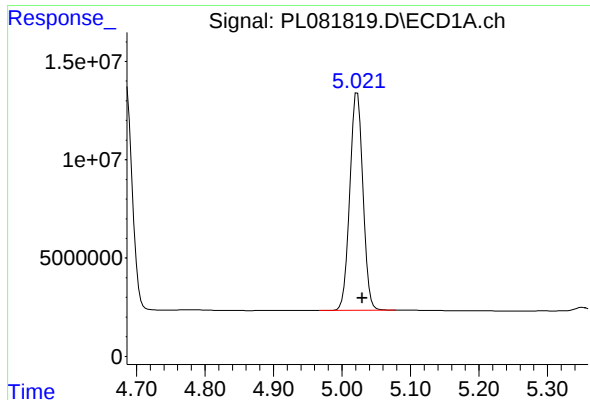
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.008 min
Response: 144783321
Conc: 45.93 ng/ml



#4 Heptachlor

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 137809492
Conc: 48.07 ng/ml



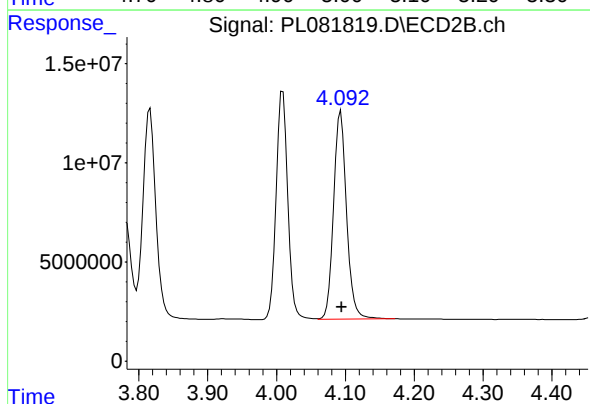
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.007 min
Response: 147130107
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

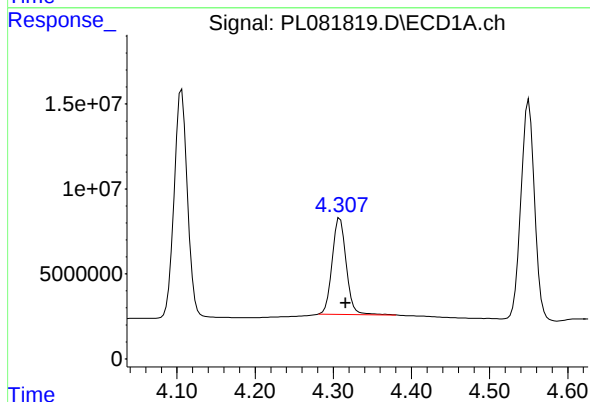
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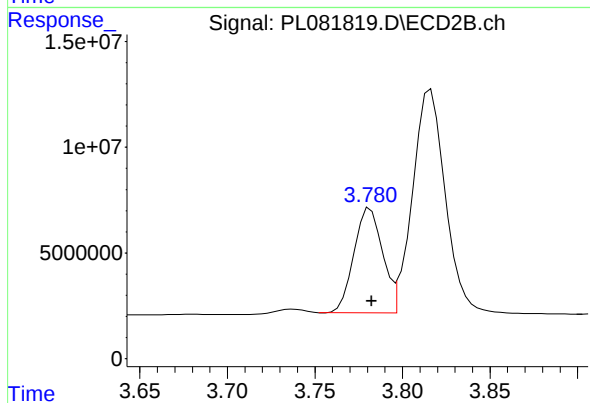
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: -0.001 min
Response: 137441120
Conc: 51.58 ng/ml



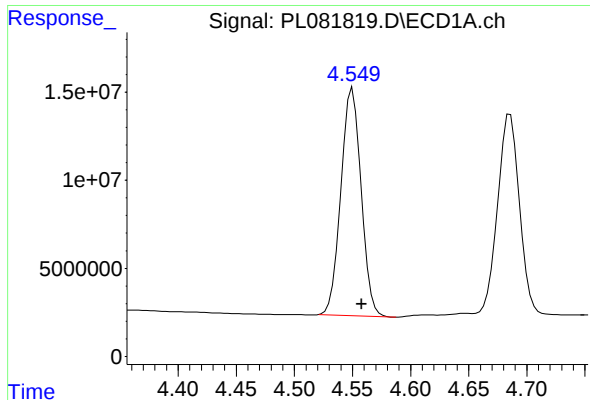
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 70663114
Conc: 46.95 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 56241223
Conc: 47.22 ng/ml



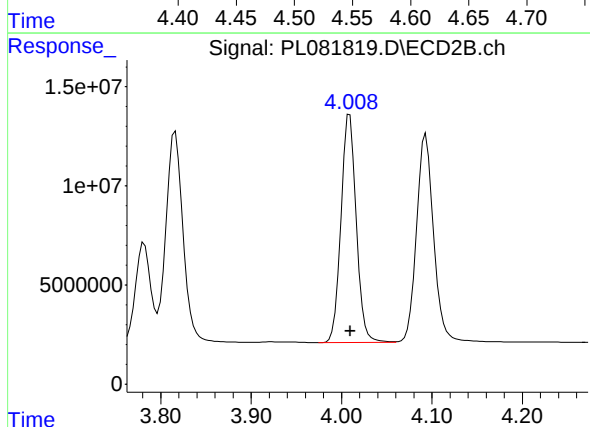
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 156320976
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

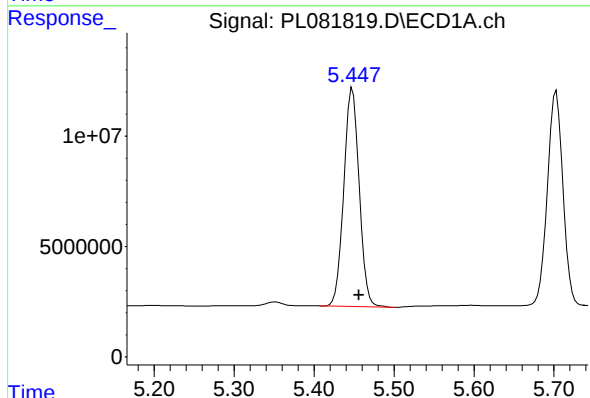
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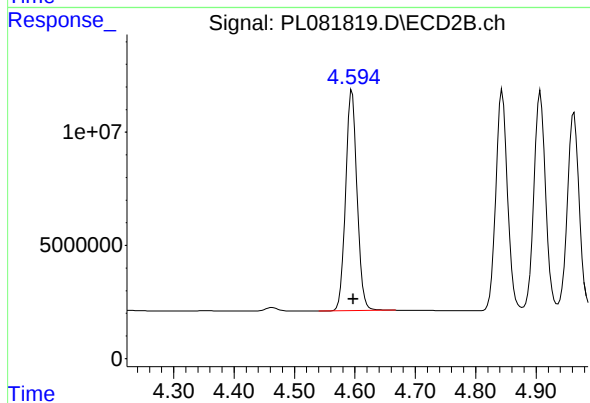
#7 delta-BHC

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 135053825
Conc: 52.22 ng/ml



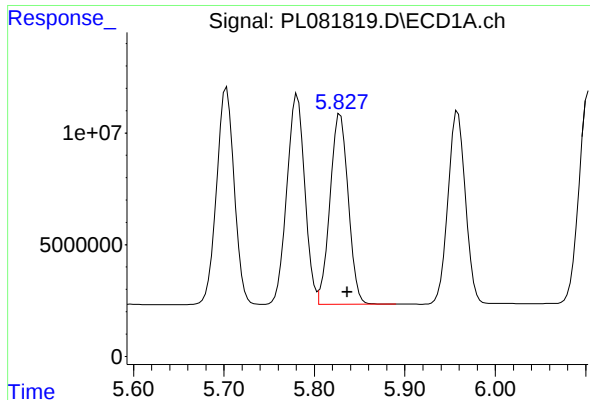
#8 Heptachlor epoxide

R.T.: 5.448 min
Delta R.T.: -0.008 min
Response: 132608815
Conc: 48.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 128075948
Conc: 52.73 ng/ml



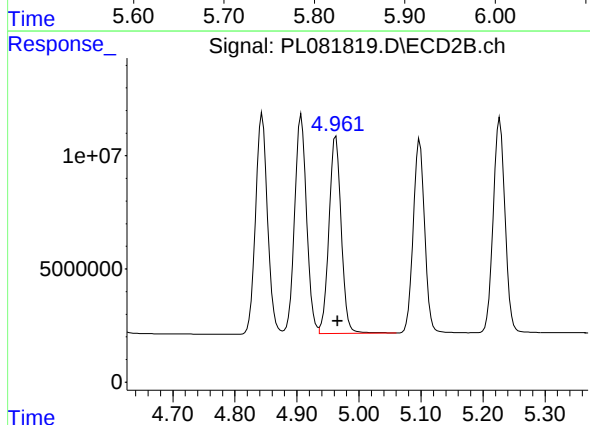
#9 Endosulfan I

R.T.: 5.829 min
Delta R.T.: -0.008 min
Response: 119104301
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

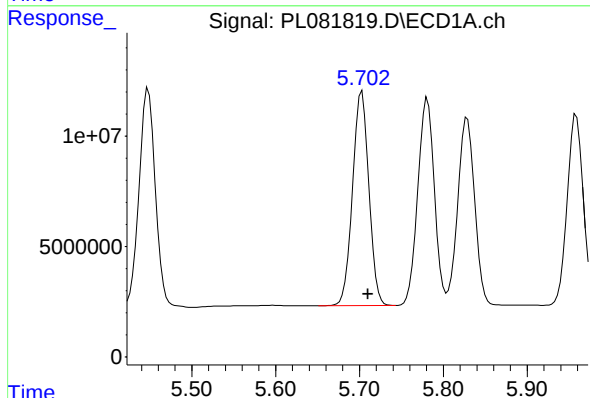
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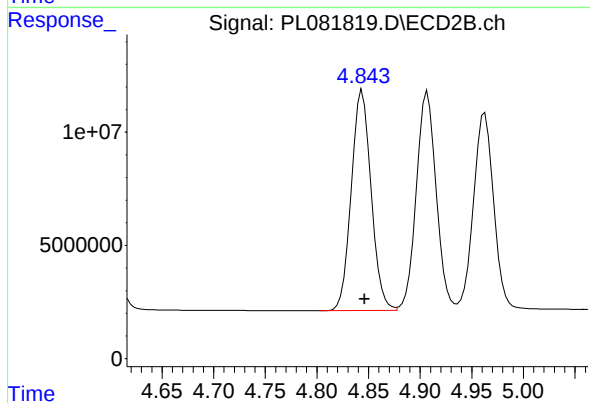
#9 Endosulfan I

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 119243802
Conc: 54.01 ng/ml



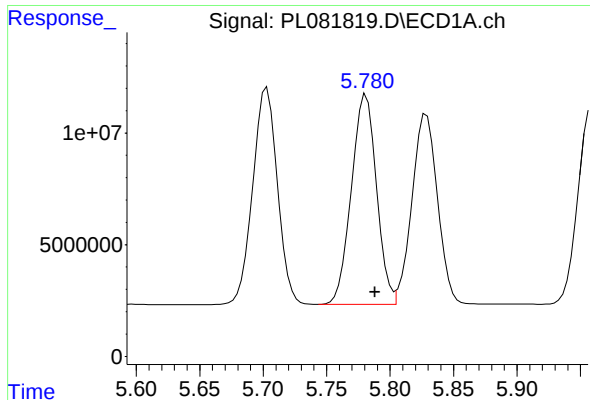
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 131311651
Conc: 50.02 ng/ml



#10 gamma-Chlordane

R.T.: 4.844 min
Delta R.T.: -0.002 min
Response: 130017025
Conc: 53.50 ng/ml



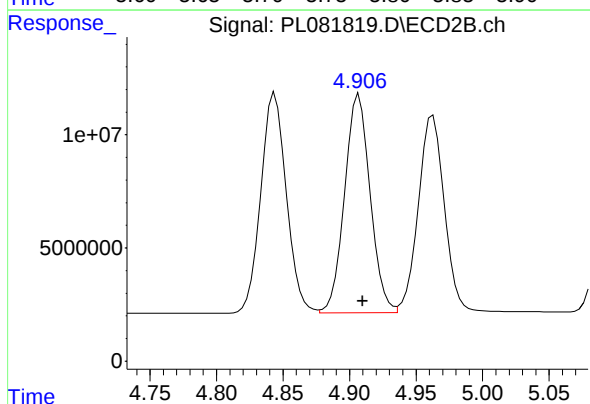
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 129338355
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

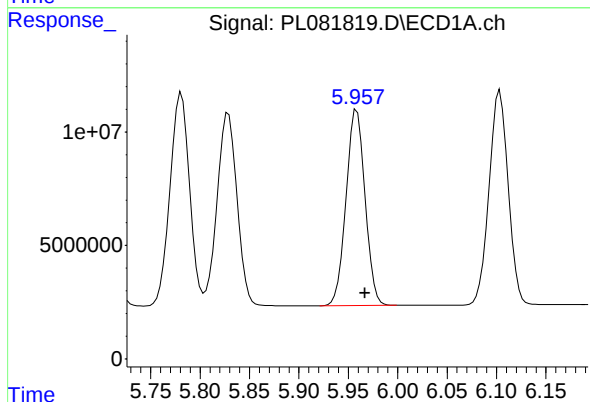
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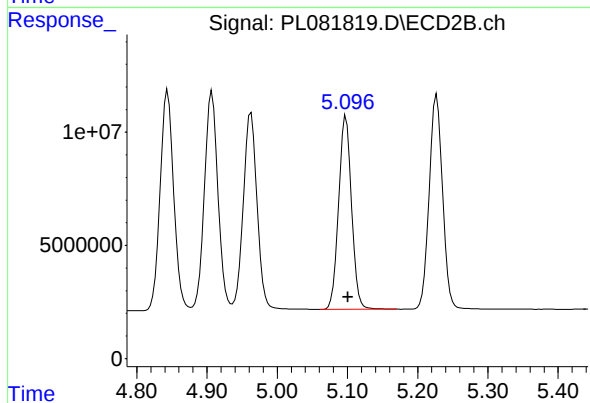
#11 alpha-Chlordane

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 129185189
Conc: 53.19 ng/ml



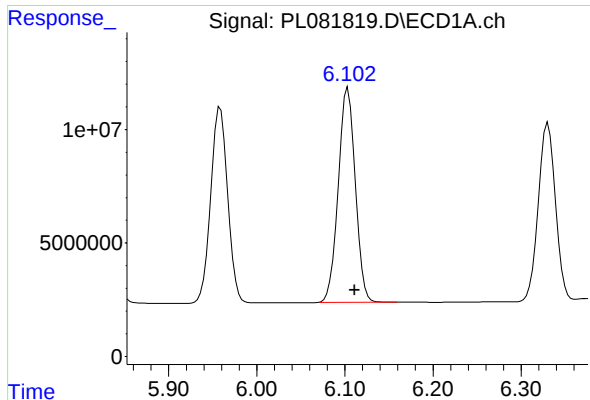
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 115425823
Conc: 51.22 ng/ml



#12 4,4'-DDE

R.T.: 5.098 min
Delta R.T.: -0.003 min
Response: 108945584
Conc: 55.31 ng/ml



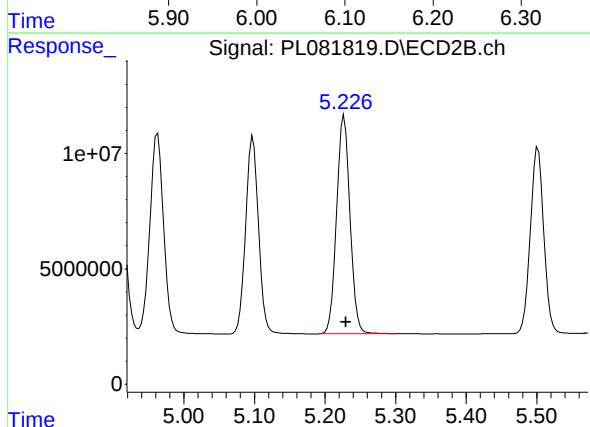
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.008 min
Response: 127200904
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

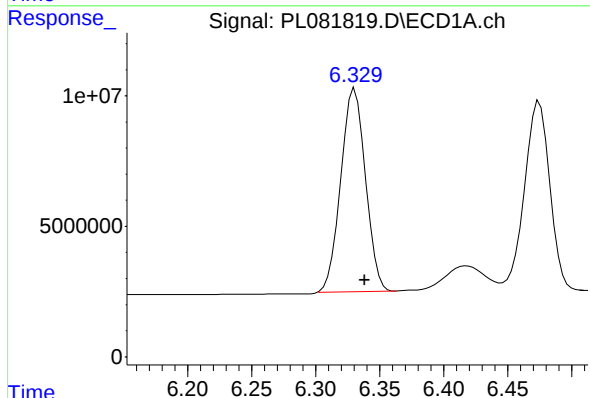
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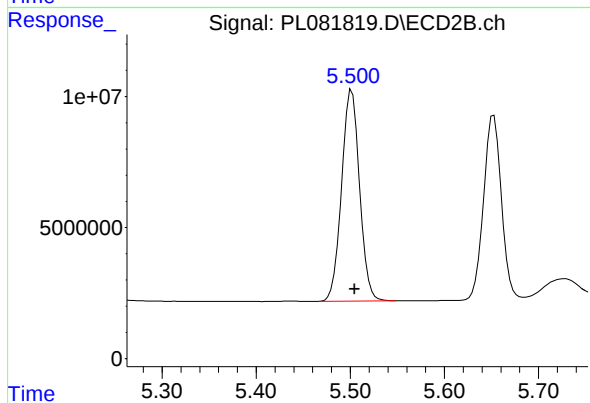
#13 Dieldrin

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 125268169
Conc: 55.69 ng/ml



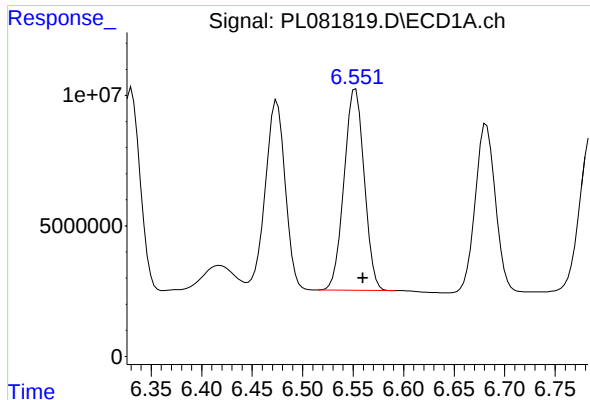
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 104275792
Conc: 49.30 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 107072122
Conc: 52.91 ng/ml



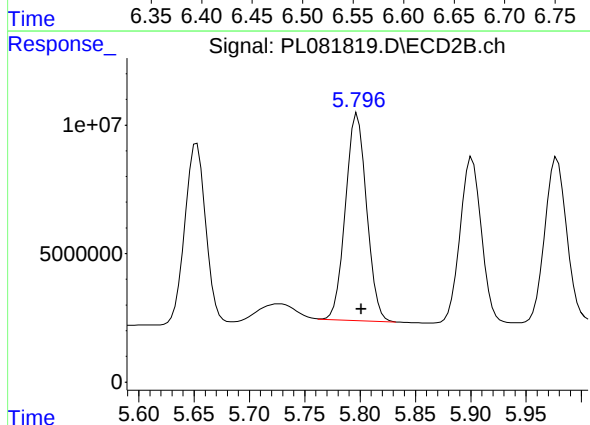
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: -0.007 min
Response: 107101998
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

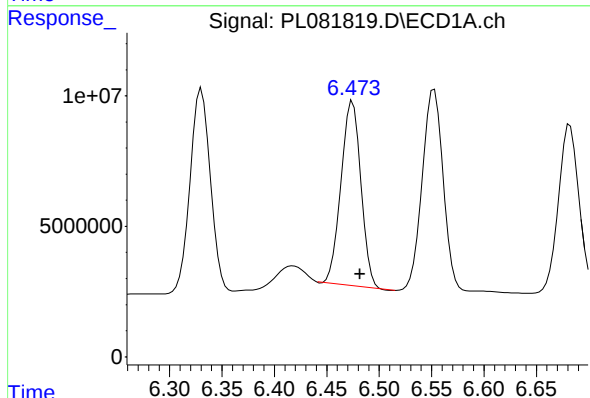
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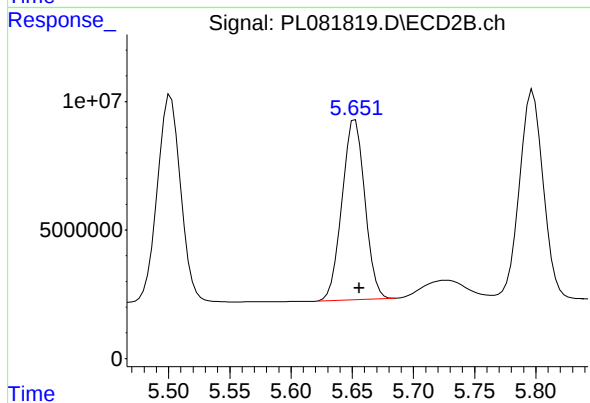
#15 Endosulfan II

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 107392704
Conc: 59.20 ng/ml m



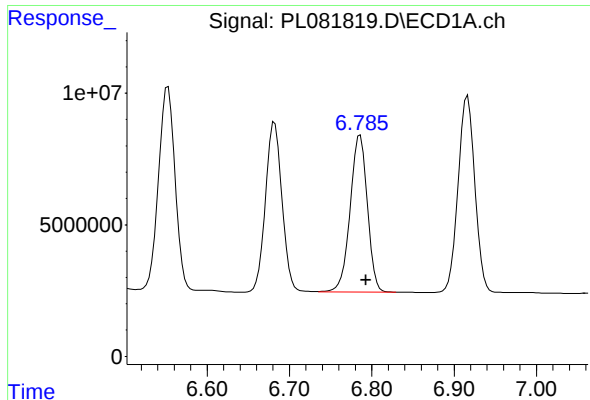
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 93599137
Conc: 51.90 ng/ml



#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 90915150
Conc: 59.91 ng/ml



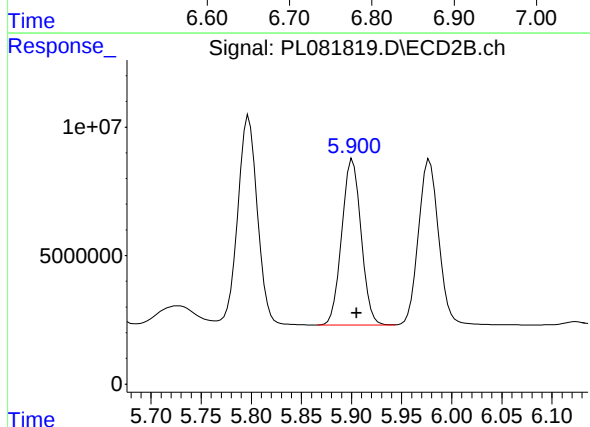
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 86635095
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

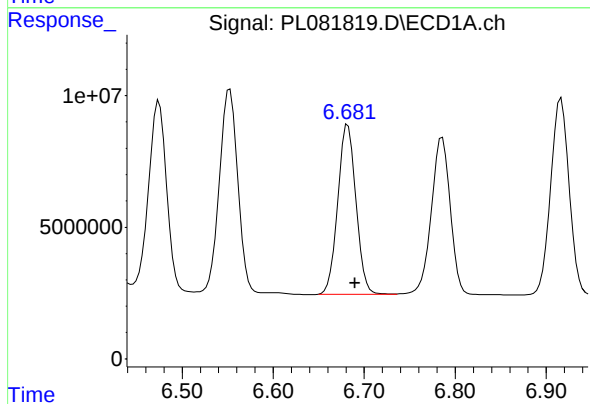
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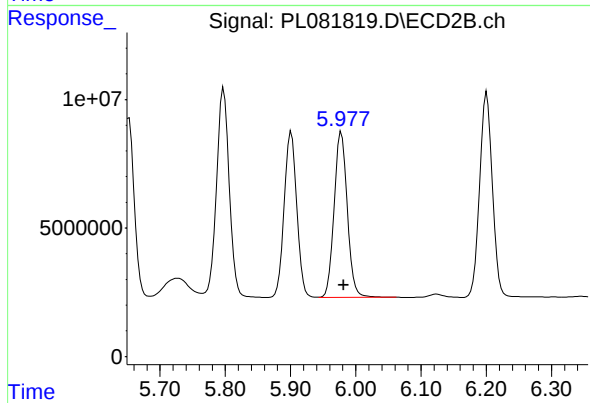
#17 4,4'-DDT

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 86353677
Conc: 50.11 ng/ml



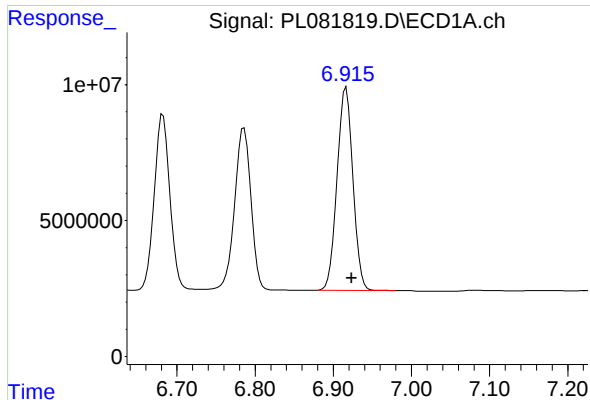
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.008 min
Response: 89803601
Conc: 54.89 ng/ml



#18 Endrin aldehyde

R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 89872813
Conc: 57.87 ng/ml



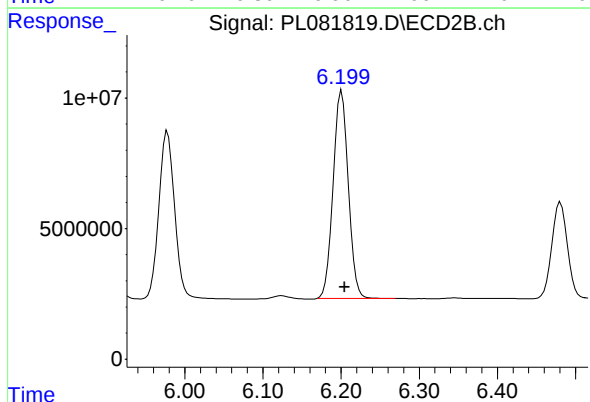
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: -0.007 min
Response: 105113083
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

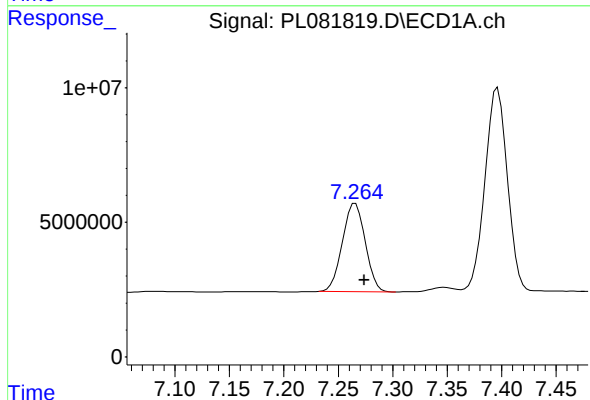
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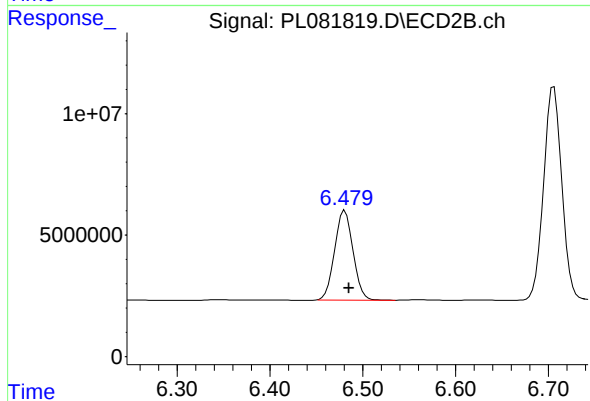
#19 Endosulfan Sulfate

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 107179421
Conc: 55.09 ng/ml



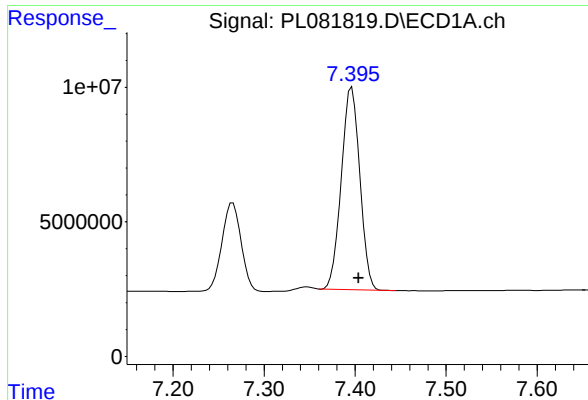
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 47847521
Conc: 44.43 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 50748850
Conc: 50.95 ng/ml



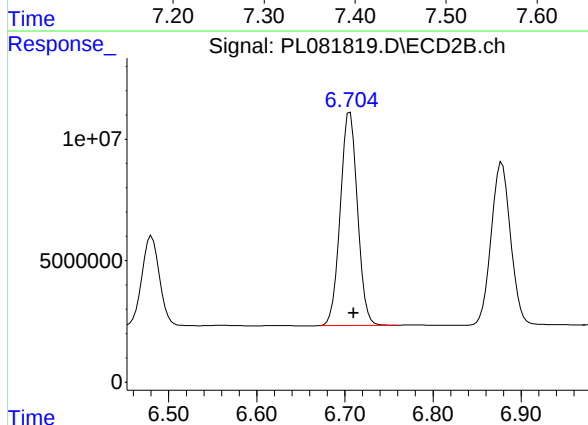
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: -0.008 min
Response: 106524763
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

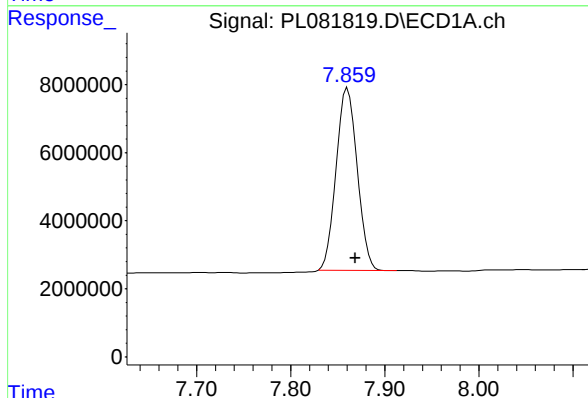
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/03/2023
Supervised By :Ankita Jodhani 04/03/2023



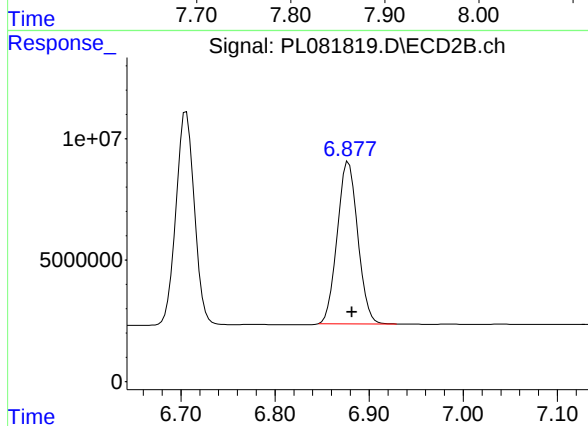
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 119310478
Conc: 55.83 ng/ml



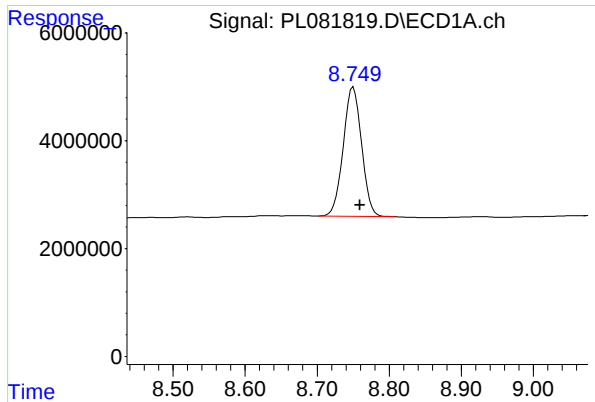
#22 Mirex

R.T.: 7.861 min
Delta R.T.: -0.008 min
Response: 83471741
Conc: 48.72 ng/ml



#22 Mirex

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 101146837
Conc: 52.69 ng/ml



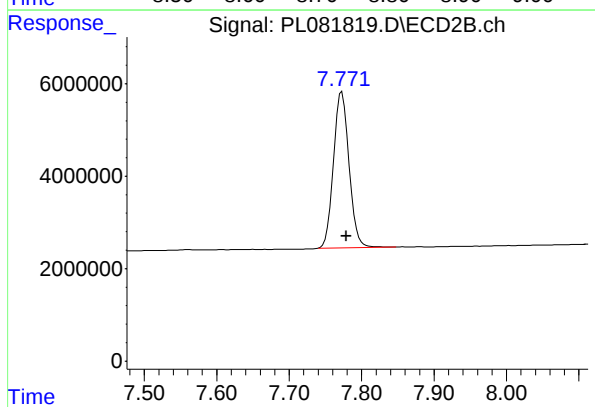
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.010 min
Response: 42442298
Conc: 23.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151824BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.006 min
Response: 50306983
Conc: 25.37 ng/ml