

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081812.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 13:13
 Operator : AR\AJ
 Sample : PB151814BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151814BS

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 22:11:33 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	2.655	52520993	44148544	22.581	22.117
28) SA Decachlor...	8.751	7.773	43446727	51293038	24.277	25.863
Target Compounds						
2) A alpha-BHC	3.778	3.154	172.1E6	139.9E6	50.190	47.979
3) MA gamma-BHC...	4.107	3.482	159.1E6	132.5E6	50.094	47.598
4) MA Heptachlor	4.685	3.815	148.9E6	134.3E6	47.233m	46.847
5) MB Aldrin	5.023	4.093	147.2E6	133.2E6	51.468	49.998
6) B beta-BHC	4.309	3.781	68933261	54440513	45.800	45.710
7) B delta-BHC	4.551	4.008	156.0E6	129.7E6	51.317	50.170
8) B Heptachlo...	5.449	4.594	134.7E6	124.3E6	49.521	51.166
9) A Endosulfan I	5.830	4.962	120.0E6	114.9E6	48.565	52.066
10) B gamma-Chl...	5.703	4.843	132.9E6	126.7E6	50.616	52.142
11) B alpha-Chl...	5.781	4.906	130.8E6	125.2E6	50.547	51.532
12) B 4,4'-DDE	5.959	5.097	115.3E6	105.3E6	51.182	53.449
13) MA Dieldrin	6.104	5.226	126.7E6	122.1E6	52.315	54.261
14) MA Endrin	6.331	5.501	106.6E6	107.1E6	50.380	52.914
15) B Endosulfa...	6.553	5.796	107.0E6	105.9E6	50.409	58.352m
16) A 4,4'-DDD	6.475	5.652	93218089	88550467	51.688	58.352
17) MA 4,4'-DDT	6.786	5.900	86554547	85546104	42.645	49.642
18) B Endrin al...	6.683	5.977	88580634	88976731	54.141	57.294
19) B Endosulfa...	6.917	6.200	105.8E6	105.4E6	50.758	54.157
20) A Methoxychlor	7.267	6.480	48271854	50453171	44.825	50.654
21) B Endrin ke...	7.397	6.706	109.0E6	118.9E6	52.023	55.620
22) Mirex	7.862	6.878	85118483	102.1E6	49.682	53.185

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
Data File : PL081812.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2023 13:13
Operator : AR\AJ
Sample : PB151814BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB151814BS

Manual Integrations

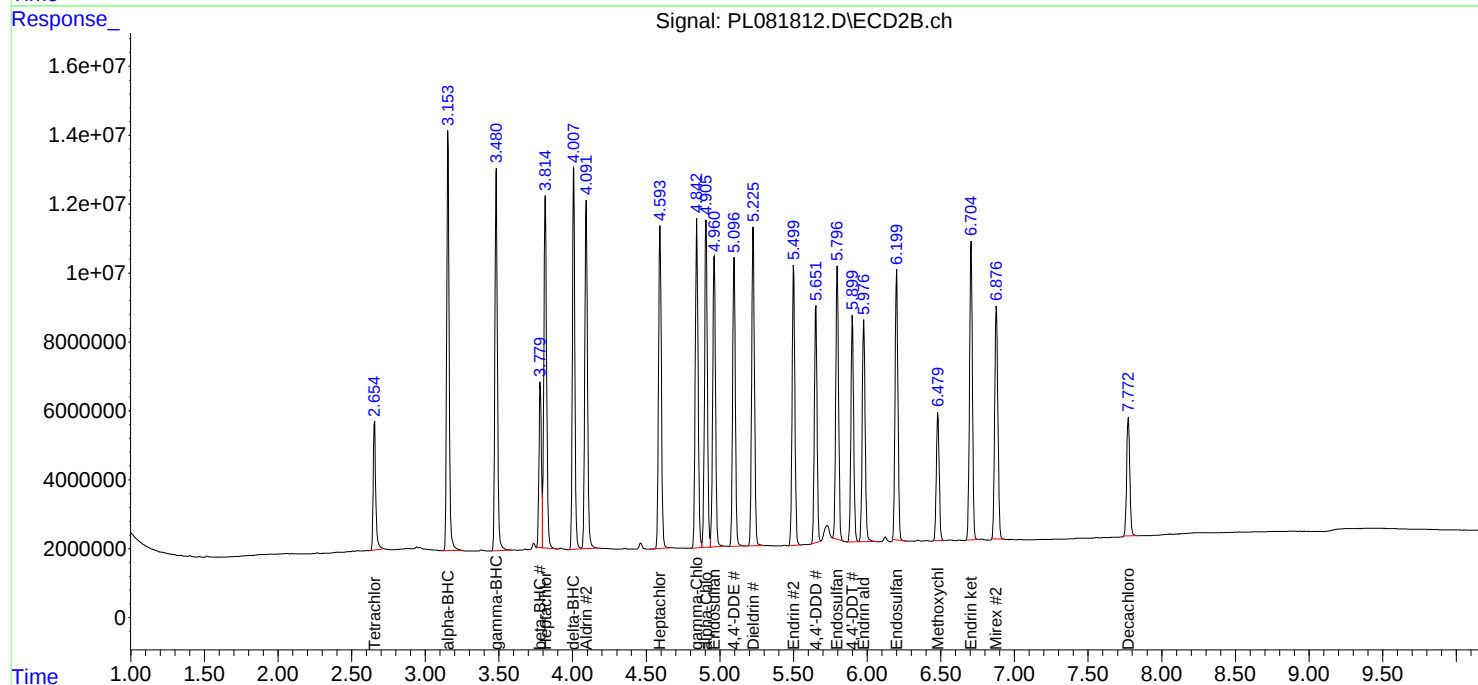
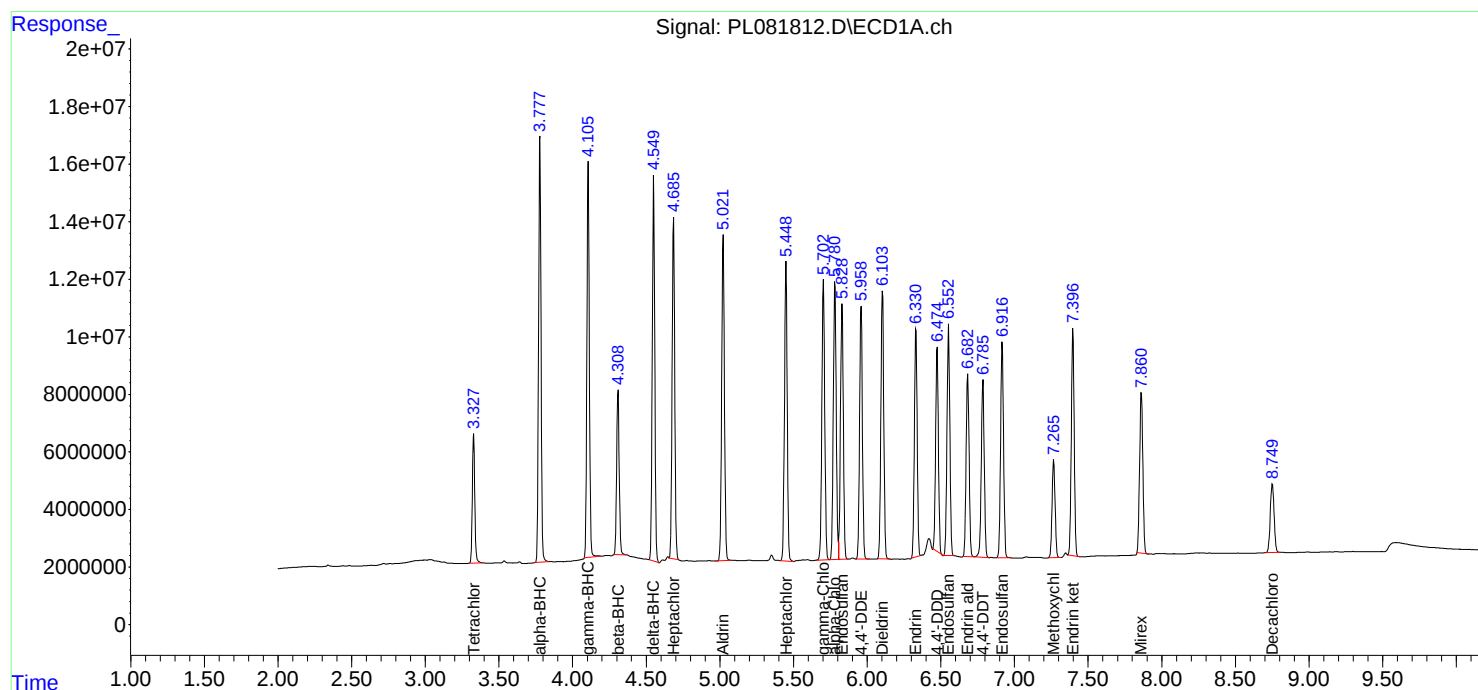
APPROVED

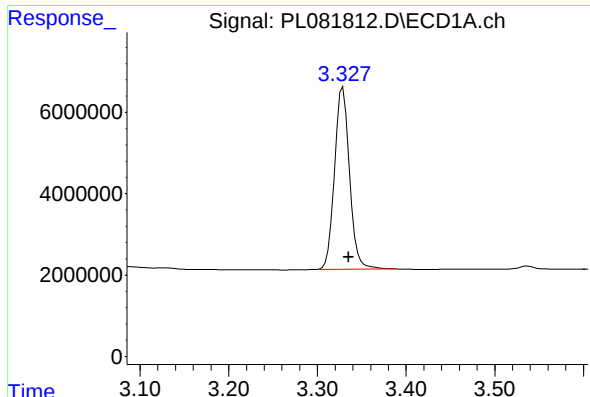
Reviewed By :Abdul Mirza 04/03/2023

Supervised By :Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 31 22:11:33 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





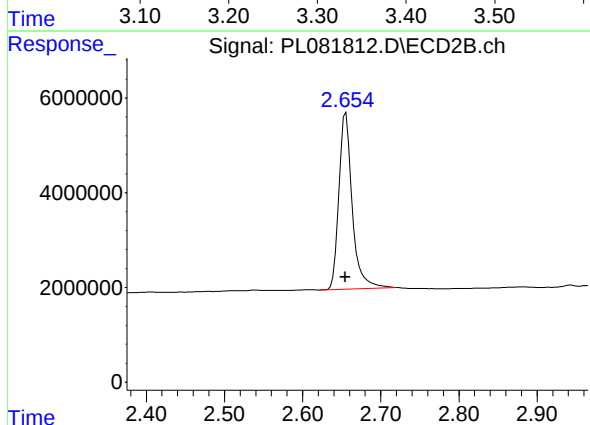
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 52520993
Conc: 22.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

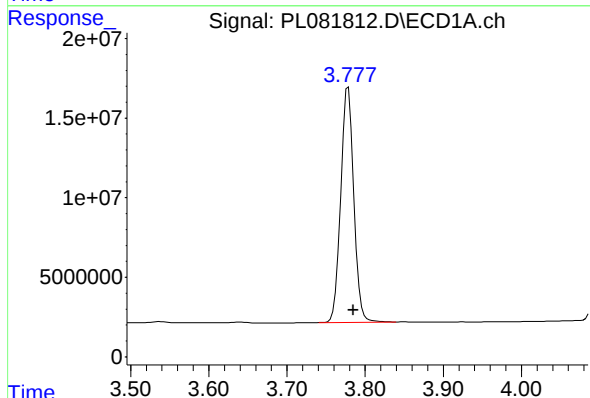
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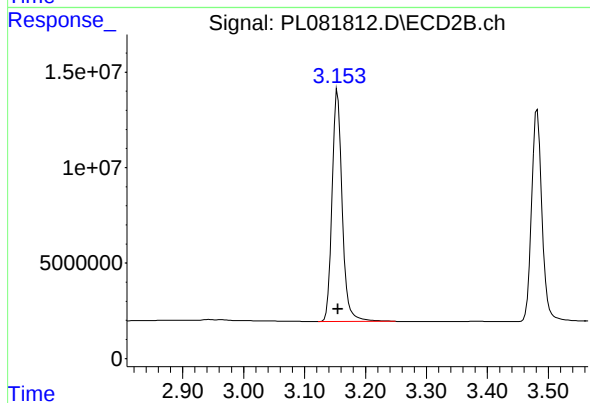
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.000 min
Response: 44148544
Conc: 22.12 ng/ml



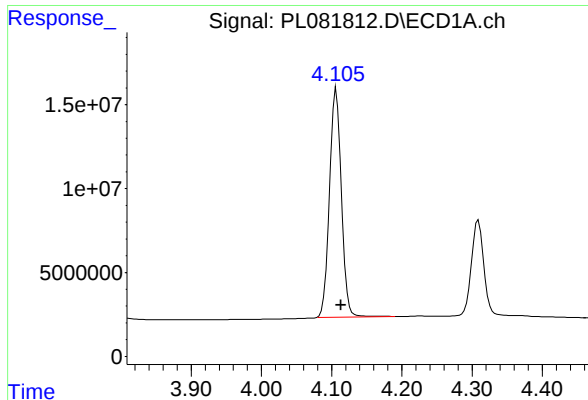
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 172069603
Conc: 50.19 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 139857460
Conc: 47.98 ng/ml



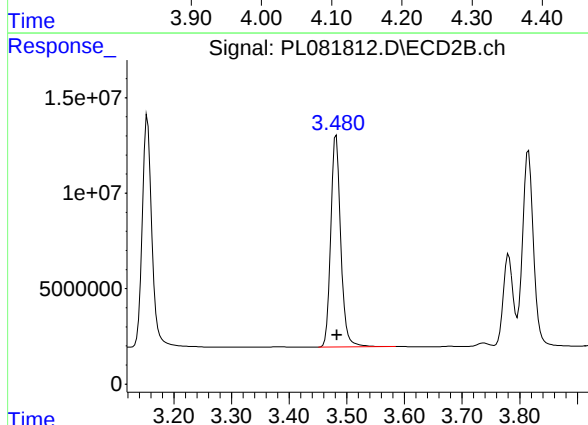
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.007 min
Response: 159140889
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

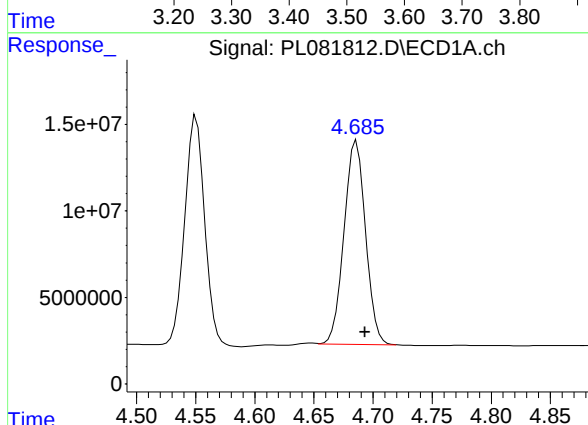
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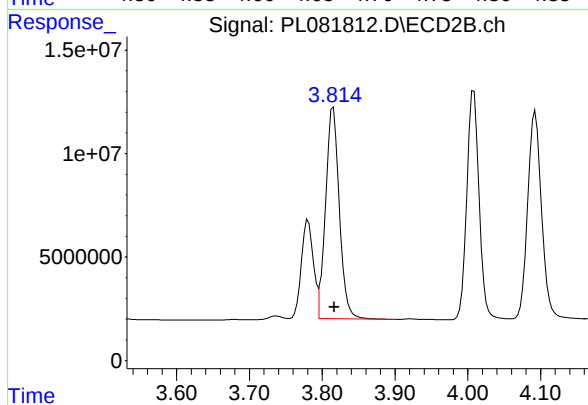
#3 gamma-BHC (Lindane)

R.T.: 3.482 min
Delta R.T.: -0.001 min
Response: 132523253
Conc: 47.60 ng/ml



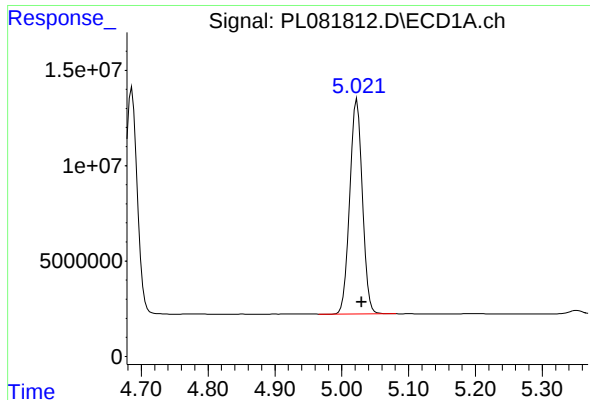
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.009 min
Response: 148887001
Conc: 47.23 ng/ml m



#4 Heptachlor

R.T.: 3.815 min
Delta R.T.: -0.002 min
Response: 134309461
Conc: 46.85 ng/ml



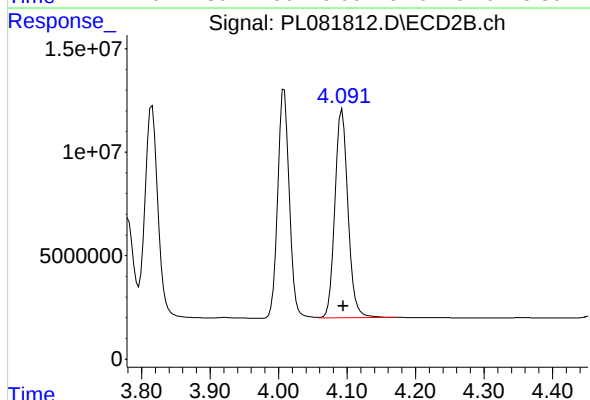
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 147213880
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

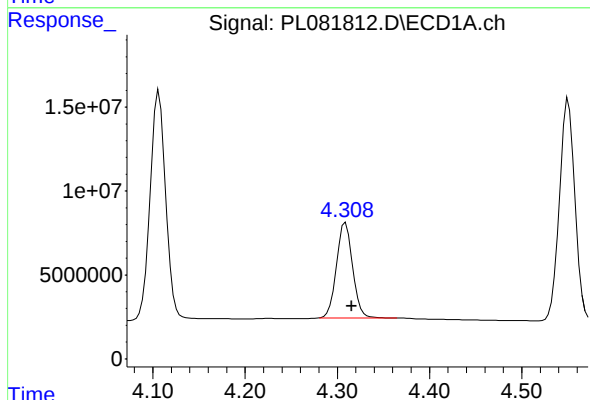
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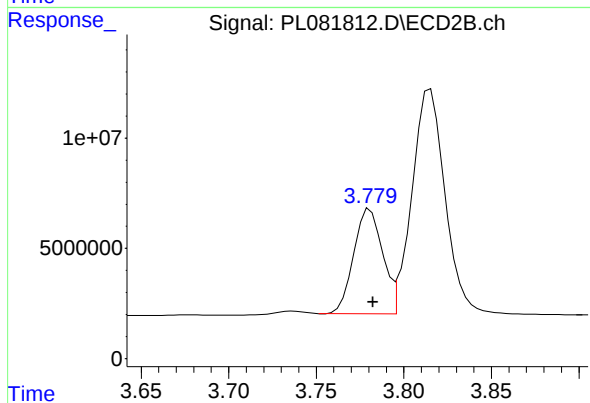
#5 Aldrin

R.T.: 4.093 min
Delta R.T.: -0.002 min
Response: 133219067
Conc: 50.00 ng/ml



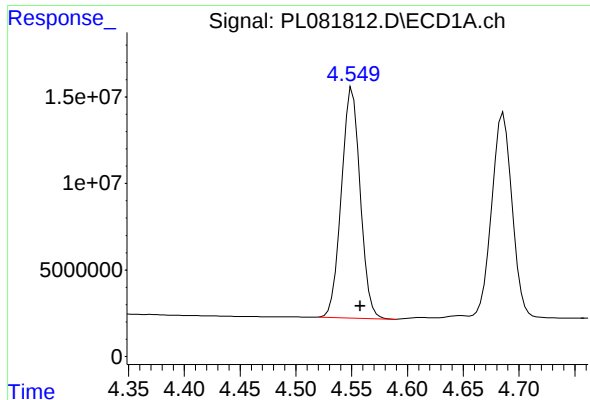
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 68933261
Conc: 45.80 ng/ml



#6 beta-BHC

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 54440513
Conc: 45.71 ng/ml



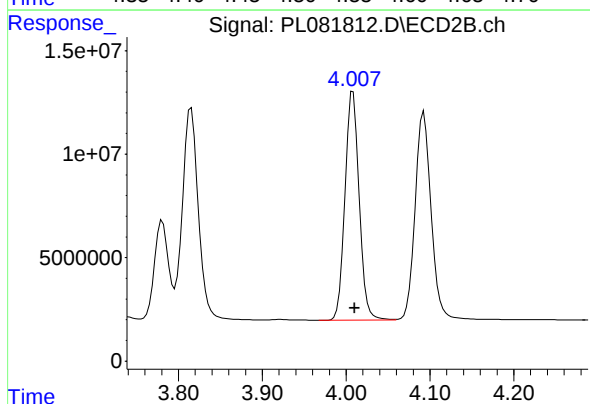
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 155964485
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

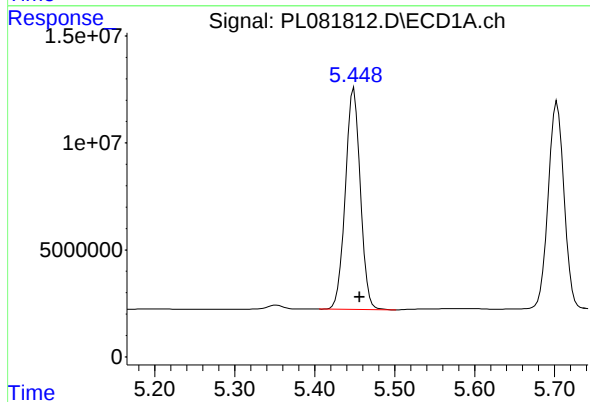
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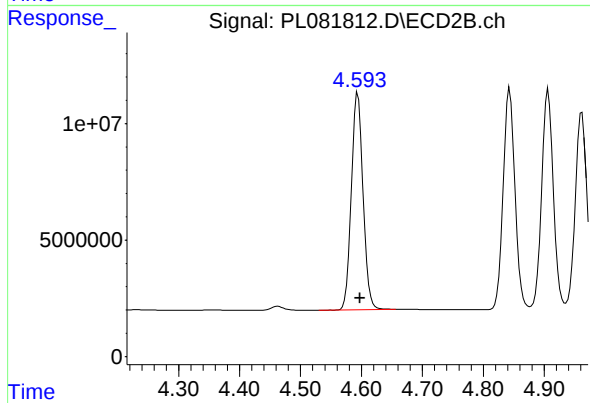
#7 delta-BHC

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 129744167
Conc: 50.17 ng/ml



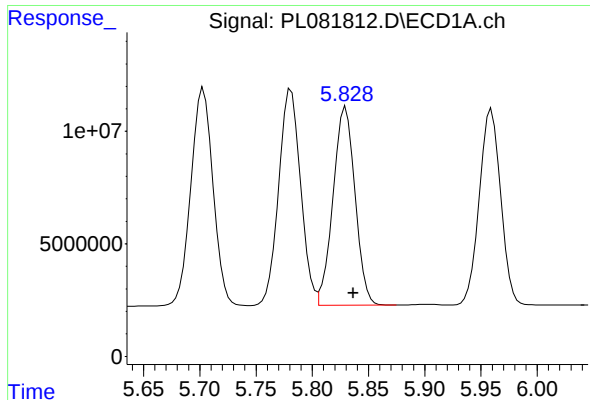
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 134698136
Conc: 49.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.594 min
Delta R.T.: -0.003 min
Response: 124270186
Conc: 51.17 ng/ml



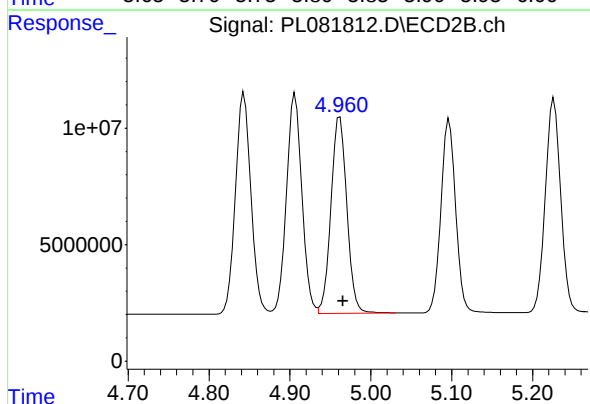
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 119995020
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

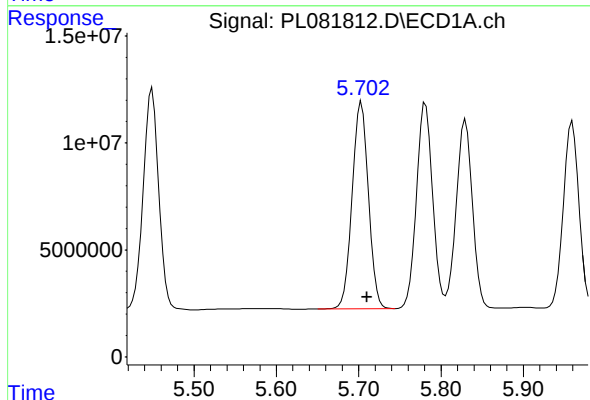
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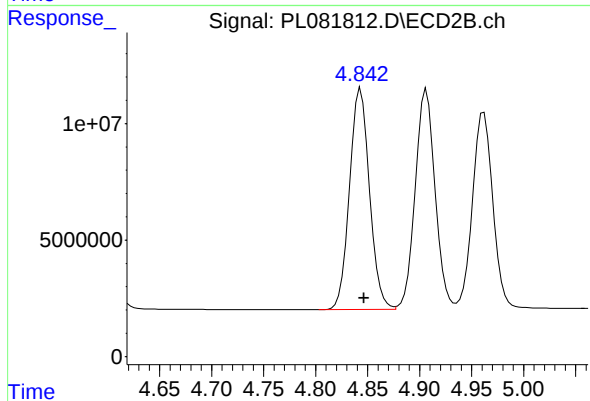
#9 Endosulfan I

R.T.: 4.962 min
Delta R.T.: -0.004 min
Response: 114947391
Conc: 52.07 ng/ml



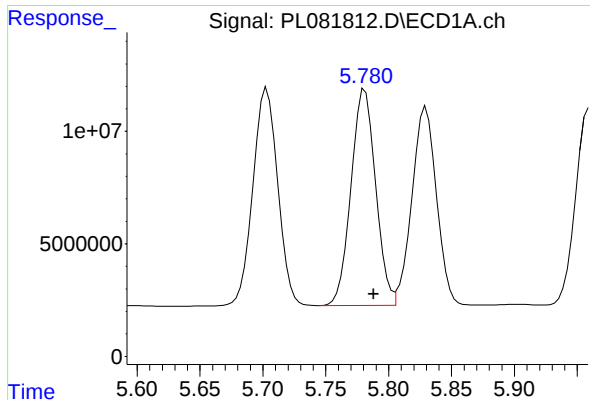
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 132879256
Conc: 50.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 126723980
Conc: 52.14 ng/ml



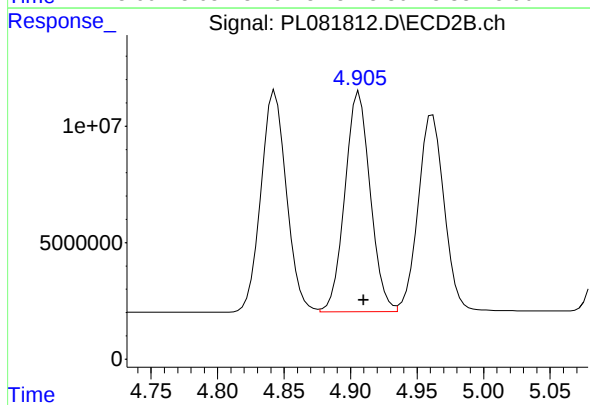
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 130834960
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

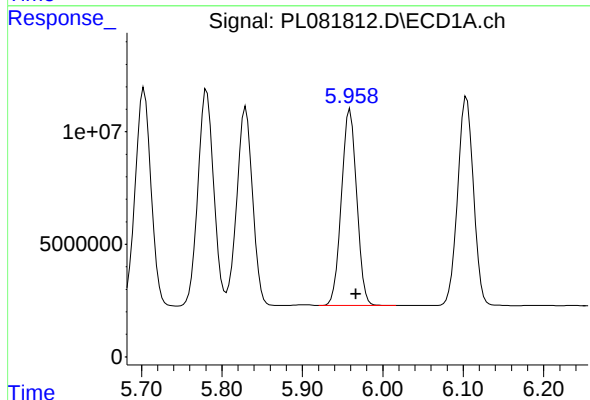
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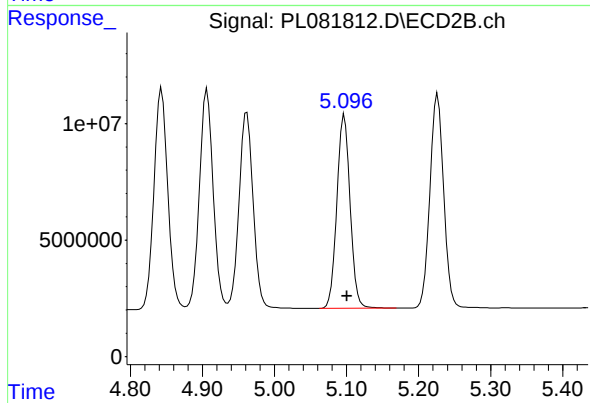
#11 alpha-Chlordane

R.T.: 4.906 min
Delta R.T.: -0.003 min
Response: 125167664
Conc: 51.53 ng/ml



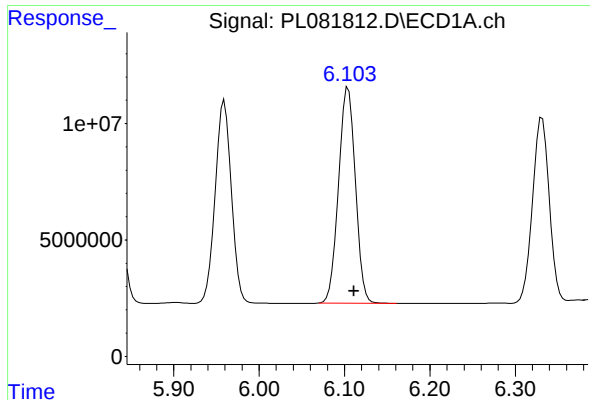
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 115346606
Conc: 51.18 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 105283733
Conc: 53.45 ng/ml



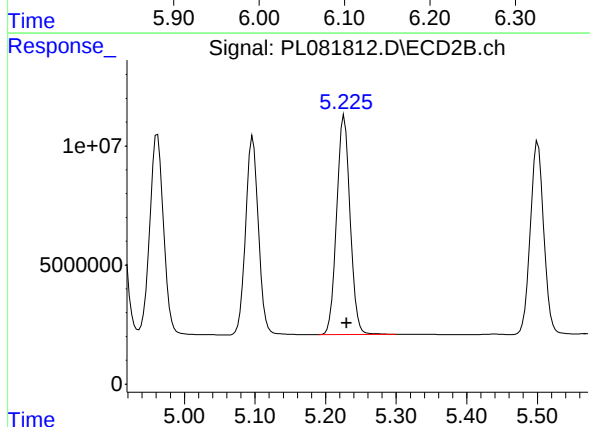
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 126652559
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

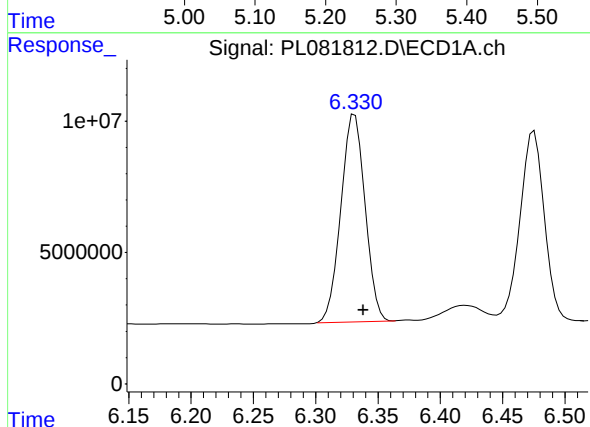
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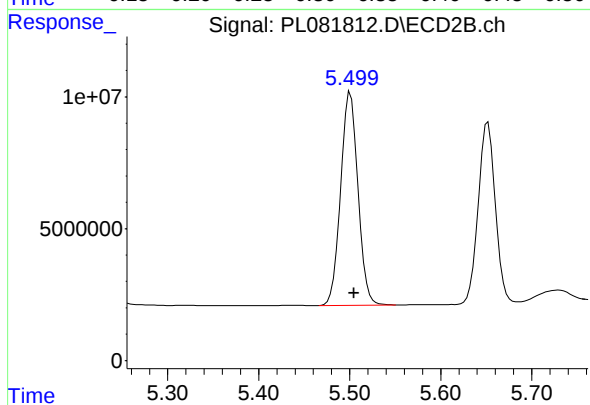
#13 Dieldrin

R.T.: 5.226 min
Delta R.T.: -0.003 min
Response: 122057191
Conc: 54.26 ng/ml



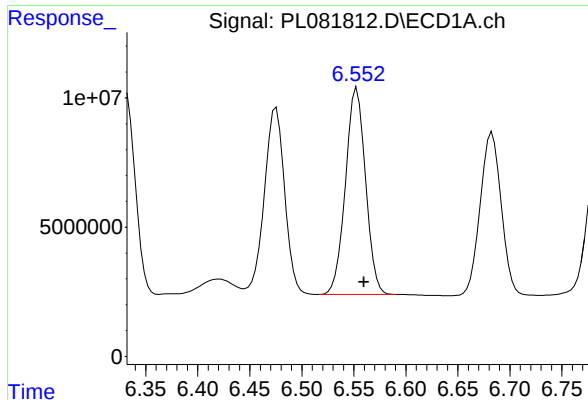
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.007 min
Response: 106564340
Conc: 50.38 ng/ml



#14 Endrin

R.T.: 5.501 min
Delta R.T.: -0.004 min
Response: 107082082
Conc: 52.91 ng/ml



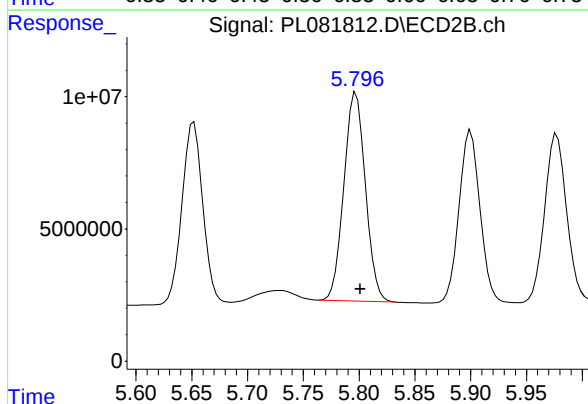
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 106972264
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

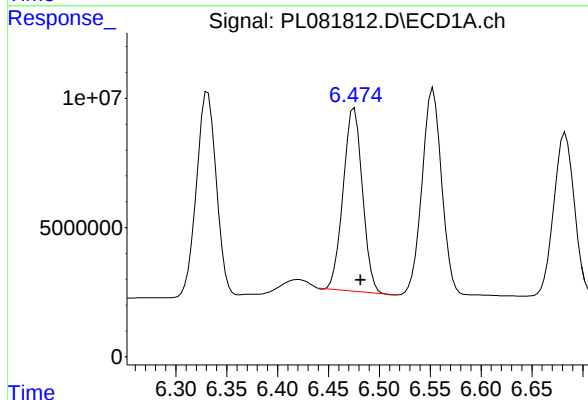
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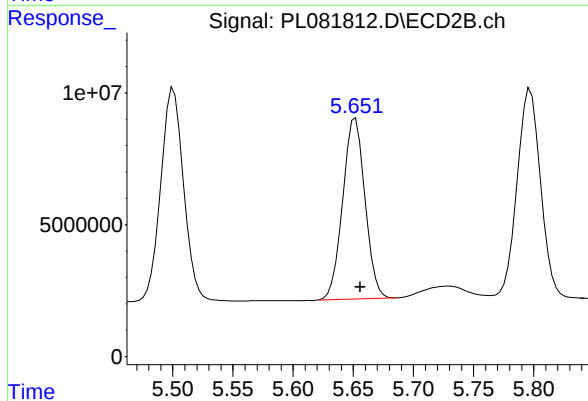
#15 Endosulfan II

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 105852499
Conc: 58.35 ng/ml



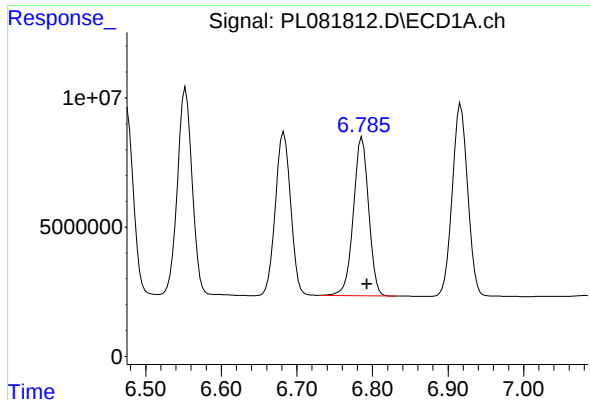
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.006 min
Response: 93218089
Conc: 51.69 ng/ml



#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 88550467
Conc: 58.35 ng/ml



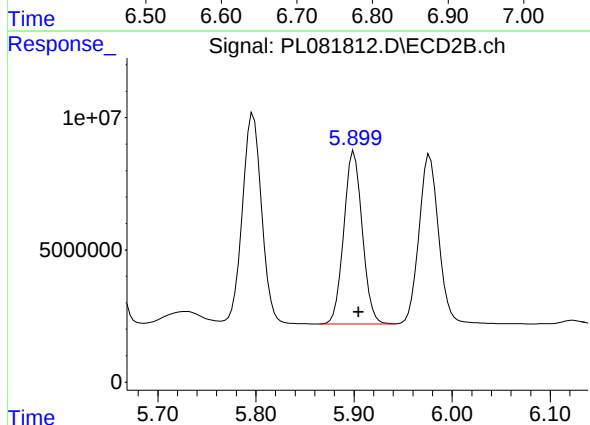
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 86554547
Conc: 42.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

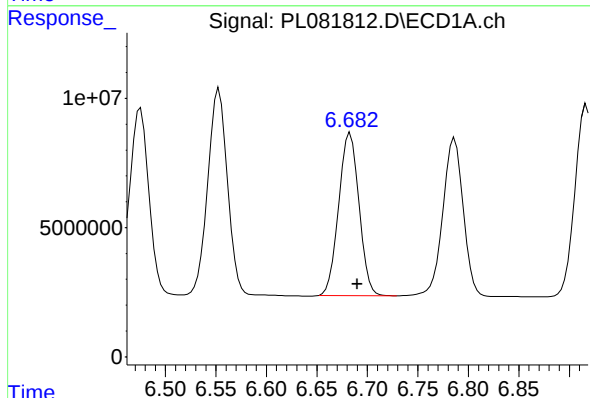
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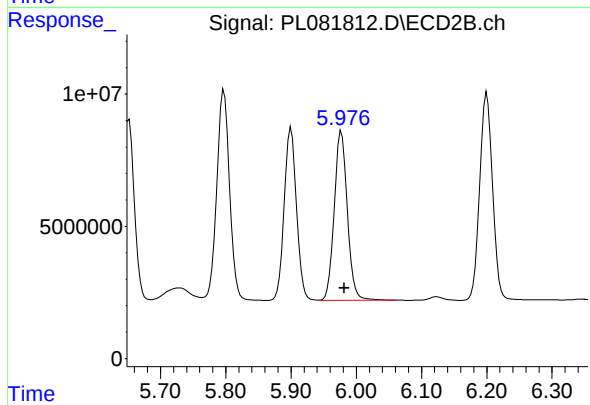
#17 4,4'-DDT

R.T.: 5.900 min
Delta R.T.: -0.005 min
Response: 85546104
Conc: 49.64 ng/ml



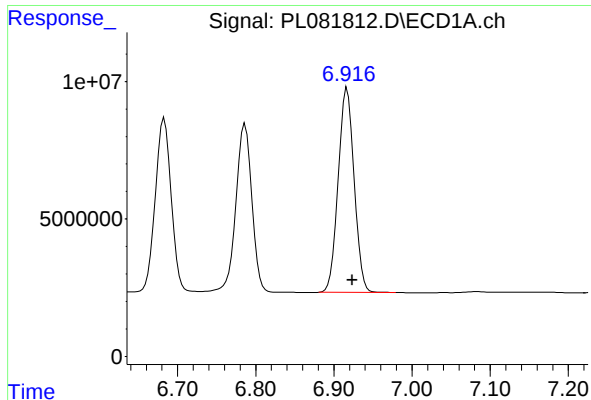
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 88580634
Conc: 54.14 ng/ml



#18 Endrin aldehyde

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 88976731
Conc: 57.29 ng/ml



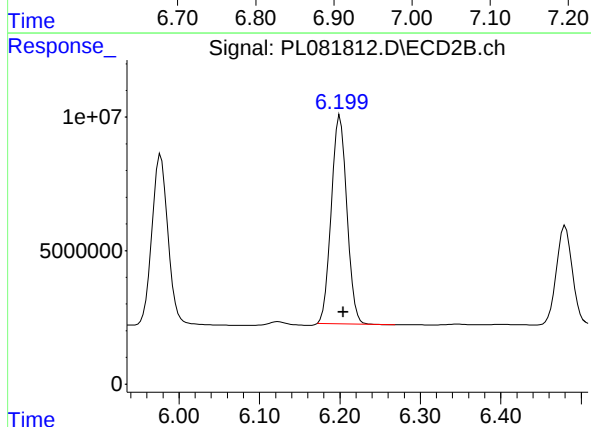
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 105781105
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

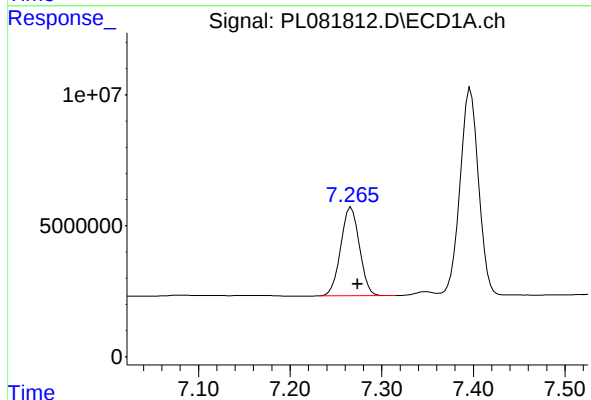
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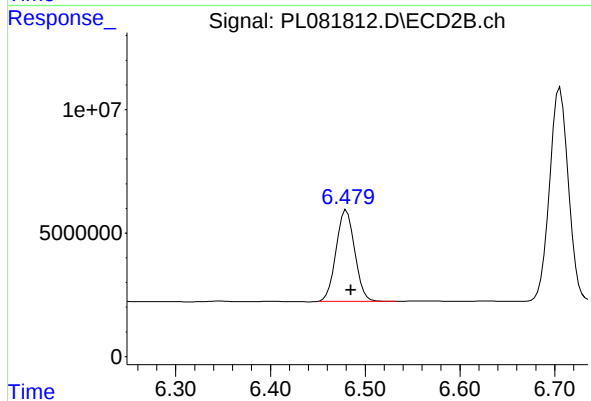
#19 Endosulfan Sulfate

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 105372438
Conc: 54.16 ng/ml



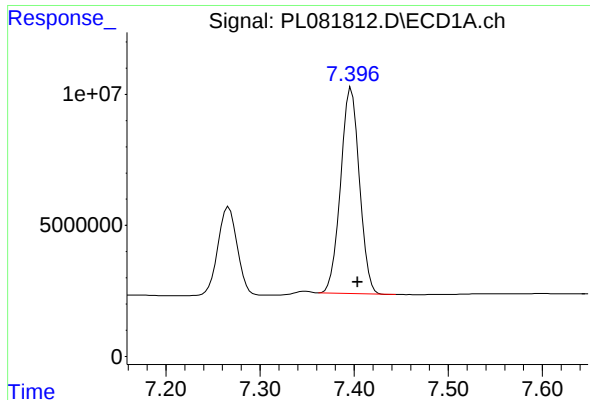
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 48271854
Conc: 44.83 ng/ml



#20 Methoxychlor

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 50453171
Conc: 50.65 ng/ml



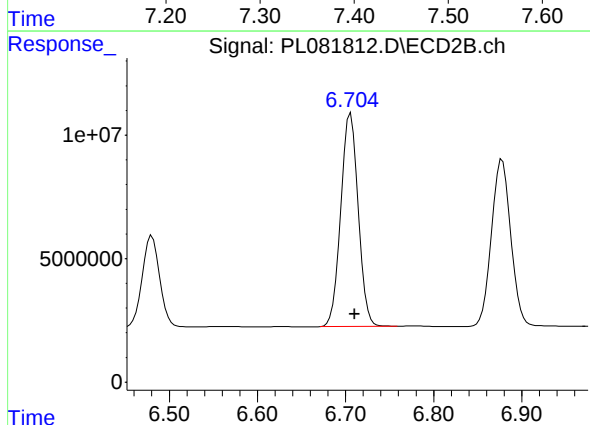
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 108971375
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

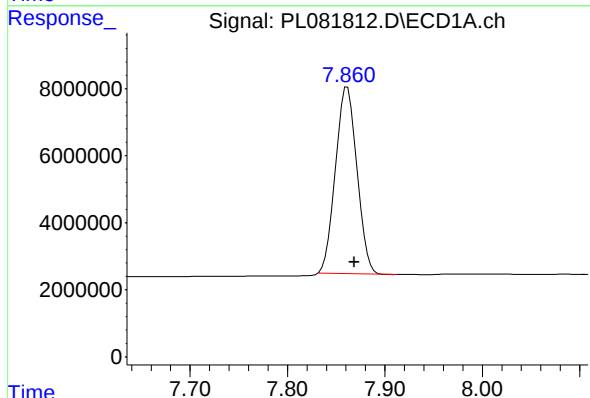
Manual Integrations
APPROVED

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



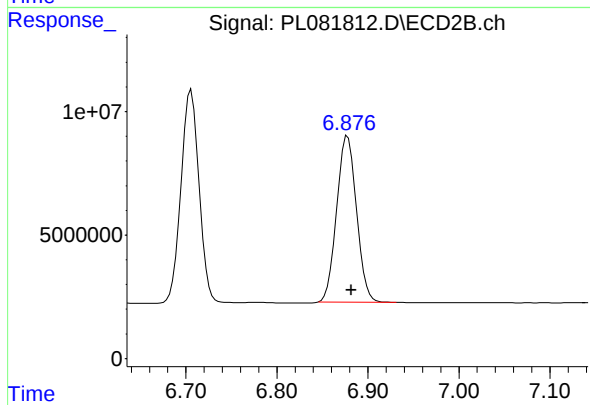
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 118858281
Conc: 55.62 ng/ml



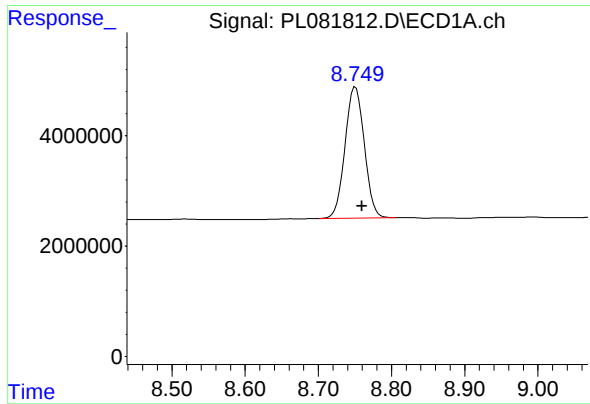
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 85118483
Conc: 49.68 ng/ml



#22 Mirex

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 102101166
Conc: 53.18 ng/ml



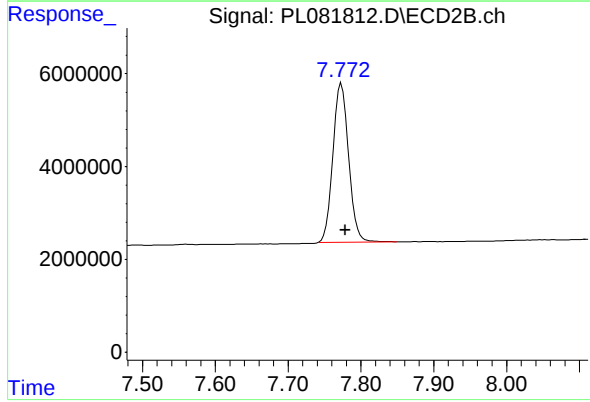
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 43446727
Conc: 24.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151814BS

Manual Integrations
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Supervised By :Ankita Jodhani 04/03/2023



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.006 min
Response: 51293038
Conc: 25.86 ng/ml