

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
 Data File : PL082061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Apr 2023 16:09
 Operator : AR\AJ
 Sample : PB152065BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152065BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 13 22:36:37 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...	3.327	2.653	48021779	44436785	20.647	22.261
28)	SA Decachlor...	8.751	7.769	40301421	48723306	22.519	24.567
Target Compounds							
2)	A alpha-BHC	3.776	3.151	159.3E6	143.4E6	46.467	49.196
3)	MA gamma-BHC...	4.105	3.479	143.6E6	132.6E6	45.211	47.613
4)	MA Heptachlor	4.683	3.812	143.7E6	139.0E6	45.597m	48.471
5)	MB Aldrin	5.021	4.089	135.7E6	130.2E6	47.454	48.871
6)	B beta-BHC	4.308	3.778	66071898	53677777	43.899	45.070
7)	B delta-BHC	4.549	4.005	143.9E6	127.5E6	47.341	49.293
8)	B Heptachlo...	5.447	4.591	124.2E6	121.0E6	45.649	49.824
9)	A Endosulfan I	5.828	4.958	110.9E6	111.3E6	44.899	50.413
10)	B gamma-Chl...	5.703	4.840	122.1E6	121.2E6	46.517	49.866
11)	B alpha-Chl...	5.781	4.903	120.0E6	120.9E6	46.353	49.785
12)	B 4,4'-DDE	5.959	5.094	105.4E6	98900211	46.763	50.208
13)	MA Dieldrin	6.104	5.223	115.3E6	117.6E6	47.633	52.271
14)	MA Endrin	6.331	5.498	101.7E6	106.7E6	48.069	52.716
15)	B Endosulfa...	6.553	5.793	99423660	101.2E6	46.852	55.775m
16)	A 4,4'-DDD	6.475	5.648	84084343	79481161	46.623	52.375
17)	MA 4,4'-DDT	6.786	5.897	90987246	90772563	44.829	52.675
18)	B Endrin al...	6.683	5.974	82480007	85249446	50.412	54.894
19)	B Endosulfa...	6.917	6.197	98929519	97899926	47.470	50.316
20)	A Methoxychlor	7.267	6.477	51455676	50756349	47.782	50.958
21)	B Endrin ke...	7.397	6.702	100.2E6	111.6E6	47.814	52.217
22)	Mirex	7.862	6.873	80160155	99145333	46.788	51.645m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041523\
Data File : PL082061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Apr 2023 16:09
Operator : AR\AJ
Sample : PB152065BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152065BS

Manual Integrations

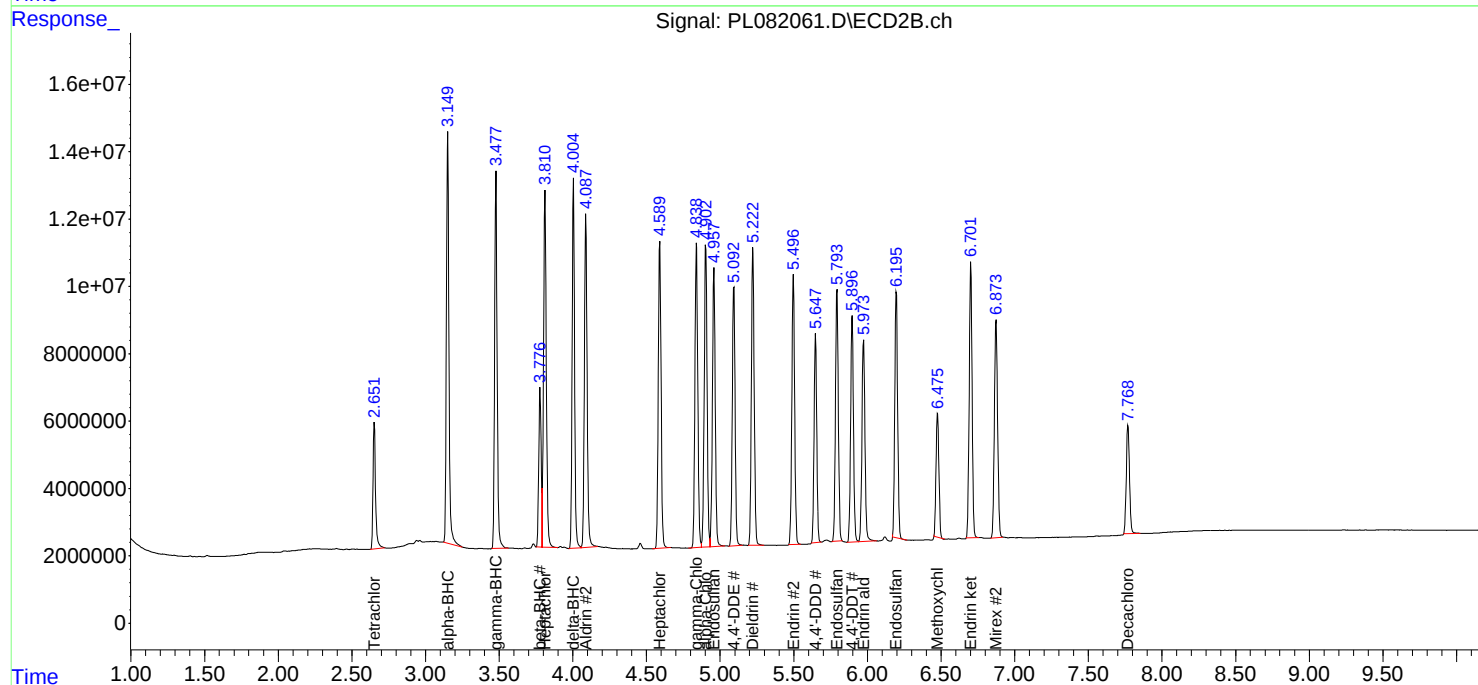
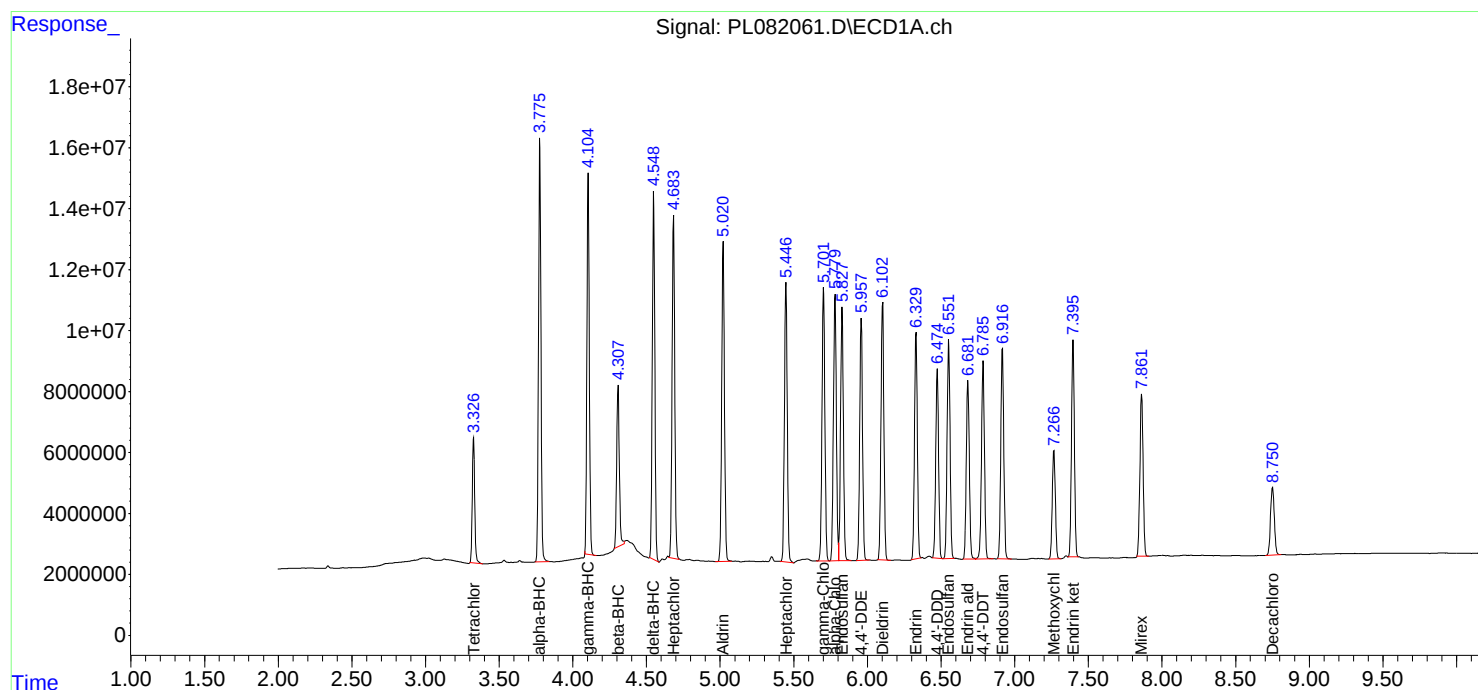
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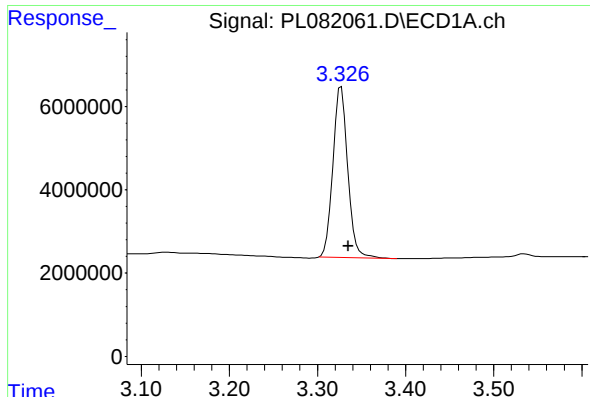
Reviewed By :Abdul Mirza 04/14/2023

Supervised By :Ankita Jodhani 04/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 13 22:36:37 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





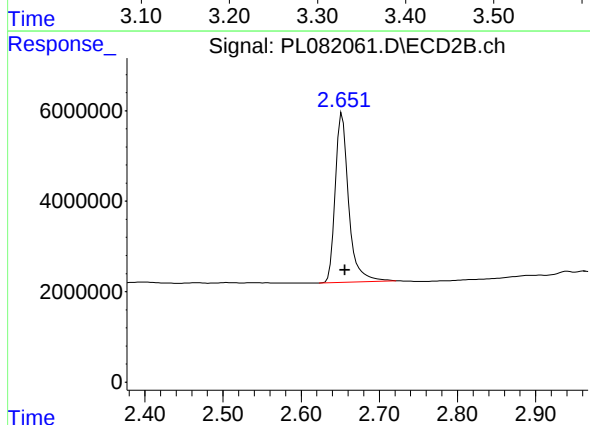
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 48021779
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

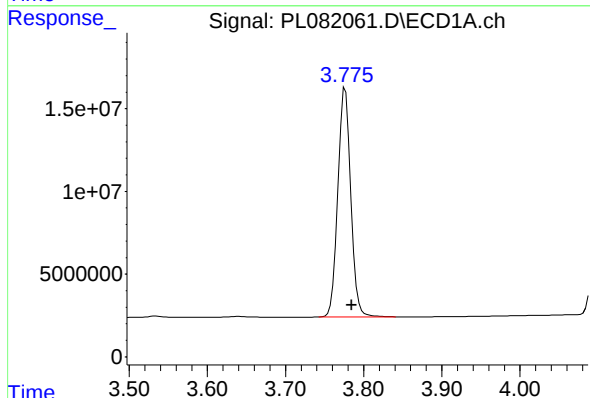
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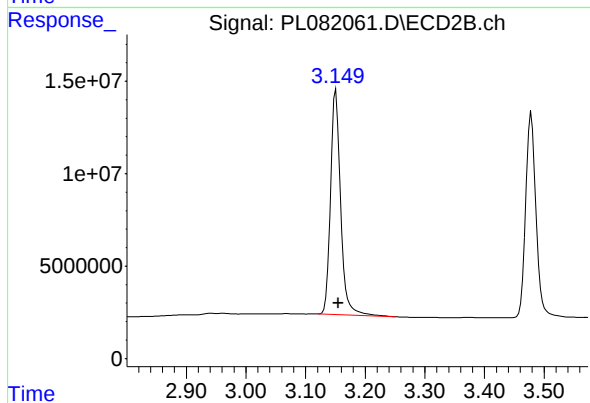
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 44436785
Conc: 22.26 ng/ml



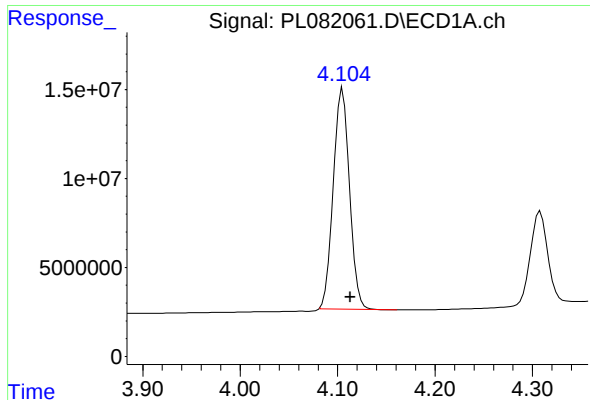
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.008 min
Response: 159306655
Conc: 46.47 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.004 min
Response: 143406293
Conc: 49.20 ng/ml



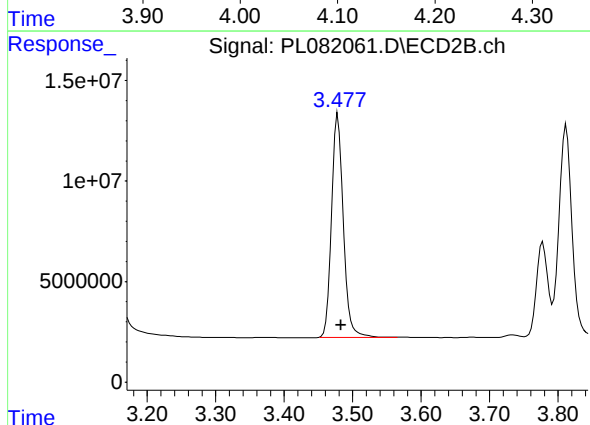
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.008 min
Response: 143628680
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

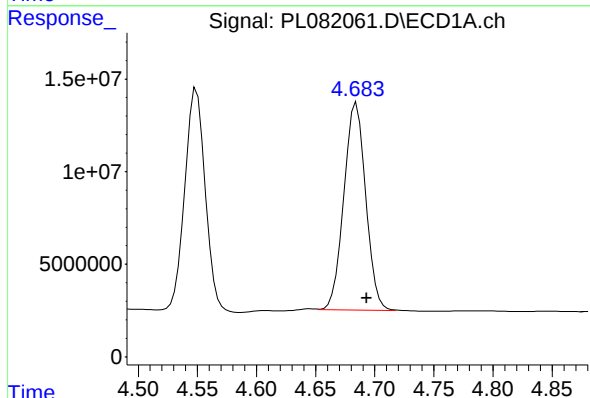
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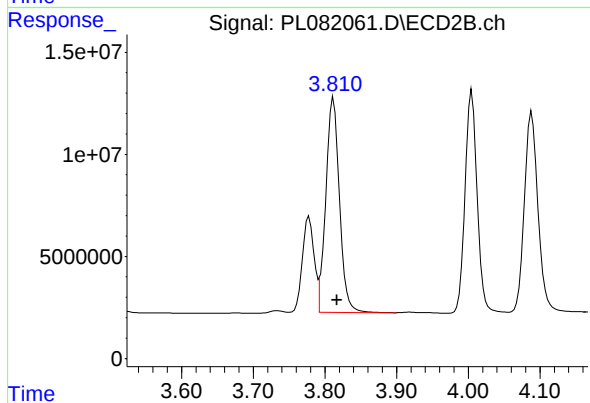
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 132565526
Conc: 47.61 ng/ml



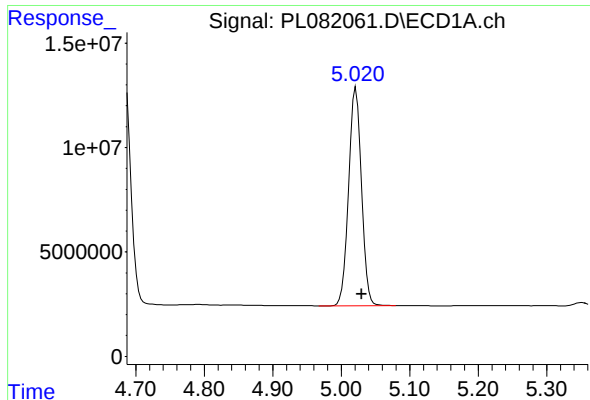
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.010 min
Response: 143728259
Conc: 45.60 ng/ml m



#4 Heptachlor

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 138964066
Conc: 48.47 ng/ml



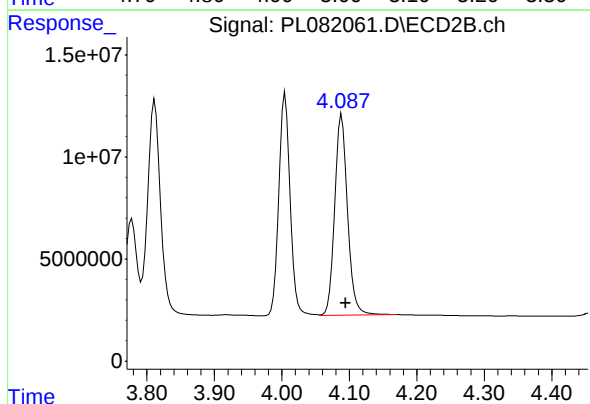
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.008 min
Response: 135731406
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

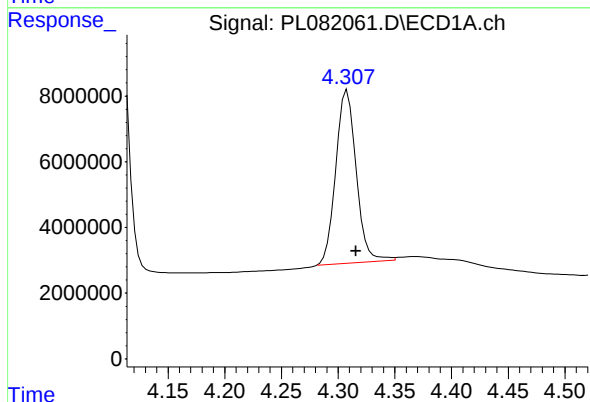
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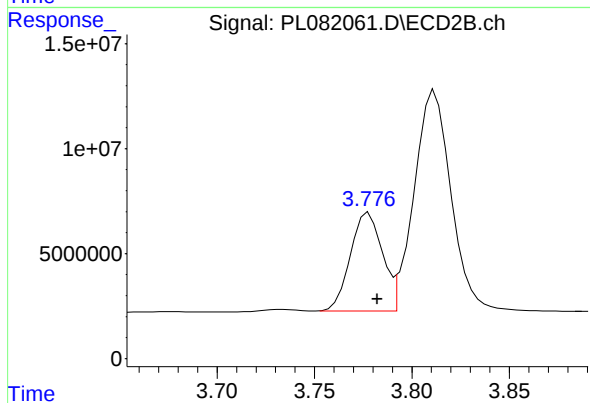
#5 Aldrin

R.T.: 4.089 min
Delta R.T.: -0.006 min
Response: 130214808
Conc: 48.87 ng/ml



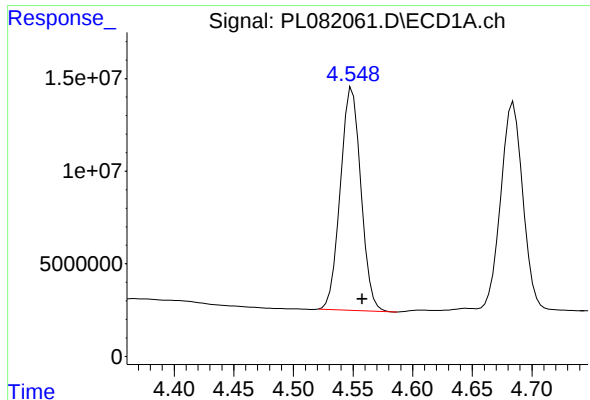
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 66071898
Conc: 43.90 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 53677777
Conc: 45.07 ng/ml



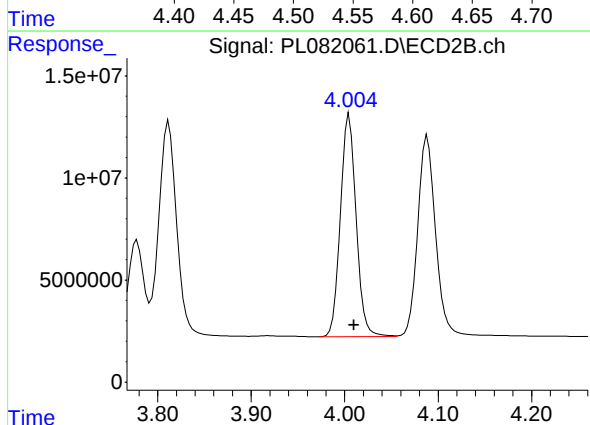
#7 delta-BHC

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 143878454
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

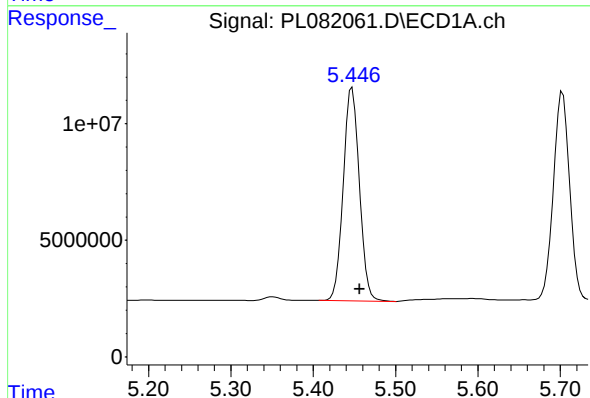
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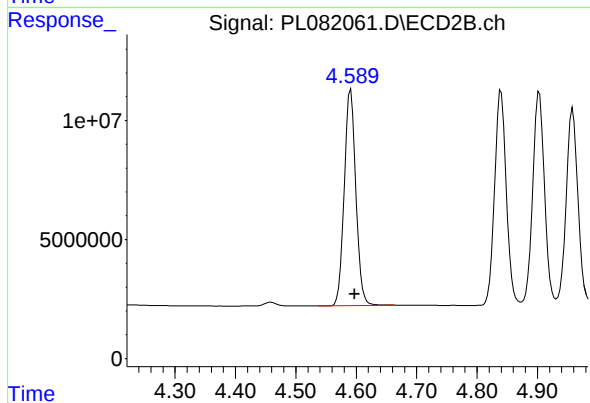
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 127477459
Conc: 49.29 ng/ml



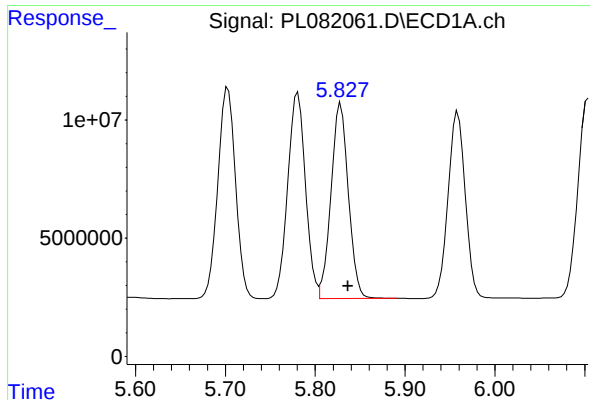
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 124168028
Conc: 45.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.591 min
Delta R.T.: -0.007 min
Response: 121010536
Conc: 49.82 ng/ml



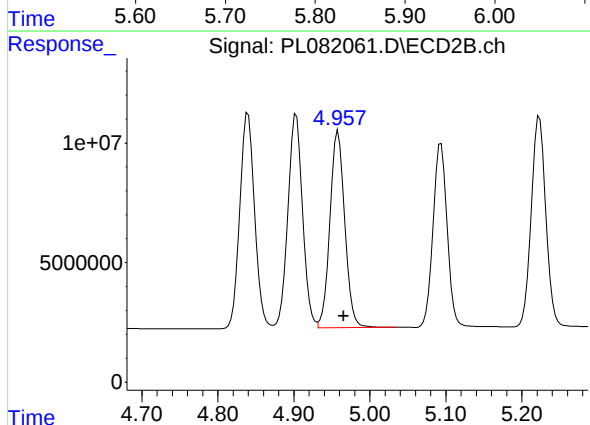
#9 Endosulfan I

R.T.: 5.828 min
Delta R.T.: -0.008 min
Response: 110938373
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

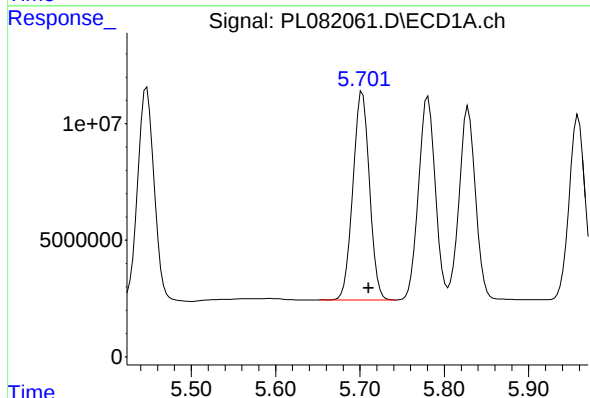
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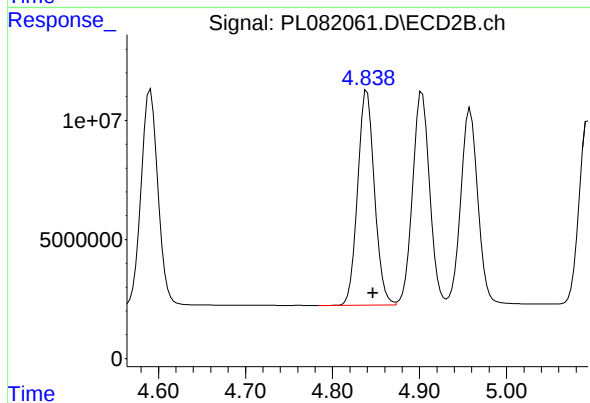
#9 Endosulfan I

R.T.: 4.958 min
Delta R.T.: -0.007 min
Response: 111298257
Conc: 50.41 ng/ml



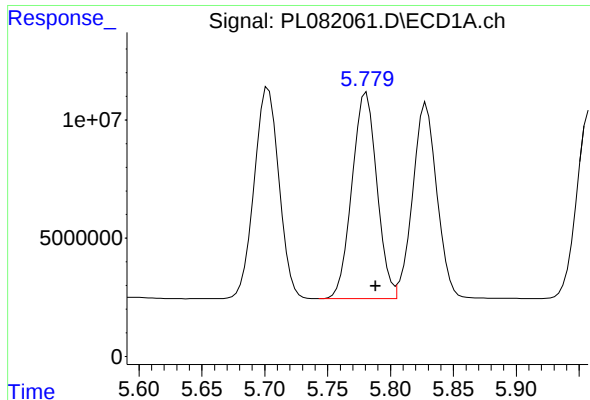
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 122116896
Conc: 46.52 ng/ml



#10 gamma-Chlordane

R.T.: 4.840 min
Delta R.T.: -0.007 min
Response: 121193905
Conc: 49.87 ng/ml



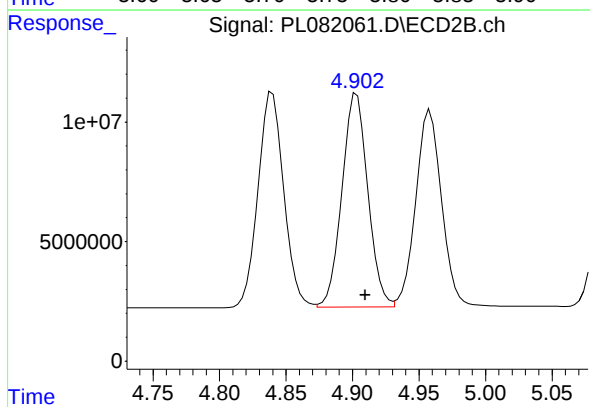
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 119980477
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

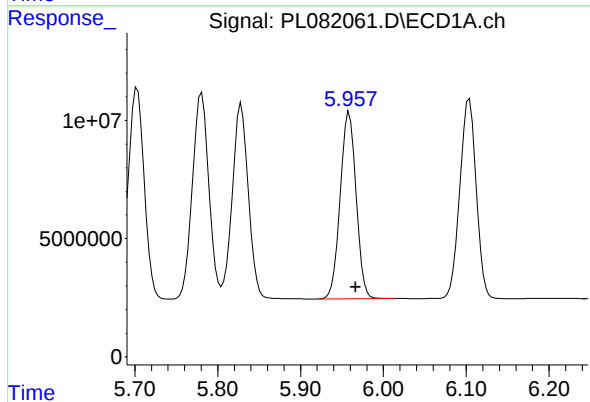
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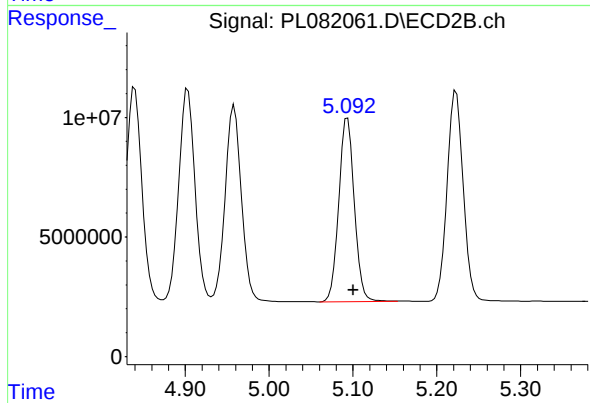
#11 alpha-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.007 min
Response: 120924536
Conc: 49.78 ng/ml



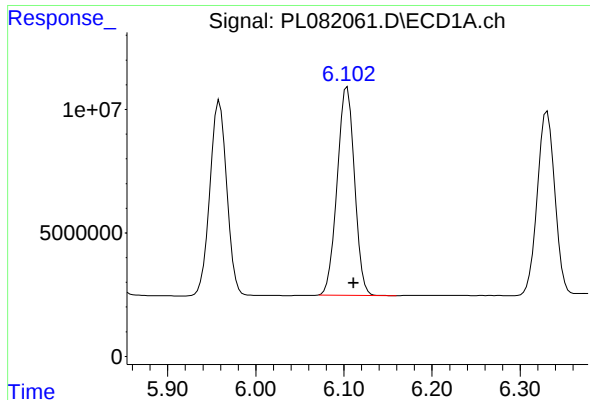
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 105386899
Conc: 46.76 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 98900211
Conc: 50.21 ng/ml



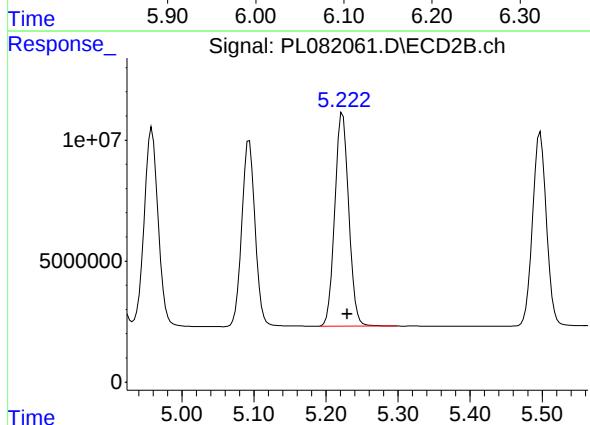
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 115317303
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

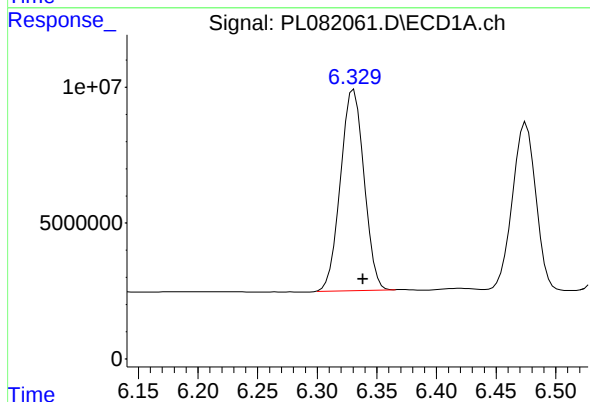
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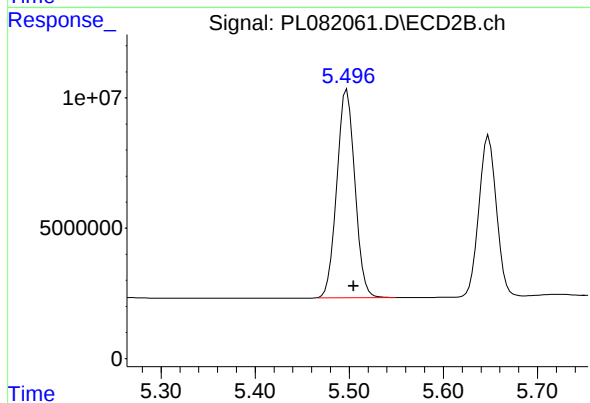
#13 Dieldrin

R.T.: 5.223 min
Delta R.T.: -0.007 min
Response: 117580331
Conc: 52.27 ng/ml



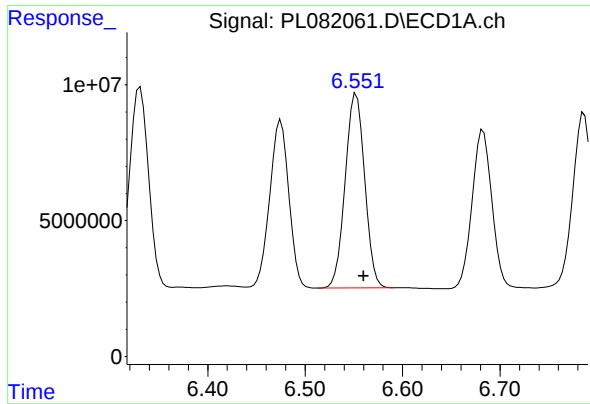
#14 Endrin

R.T.: 6.331 min
Delta R.T.: -0.008 min
Response: 101675968
Conc: 48.07 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 106682478
Conc: 52.72 ng/ml



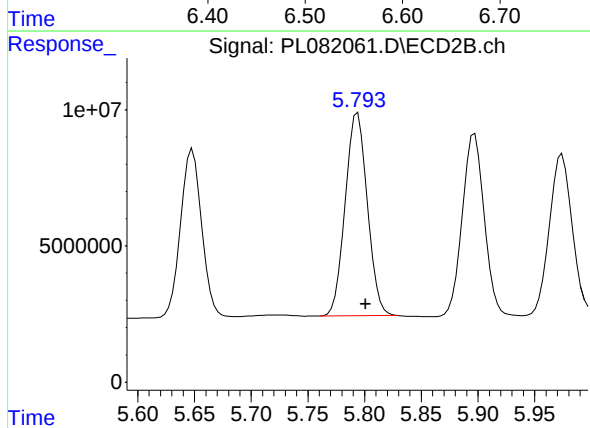
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 99423660
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

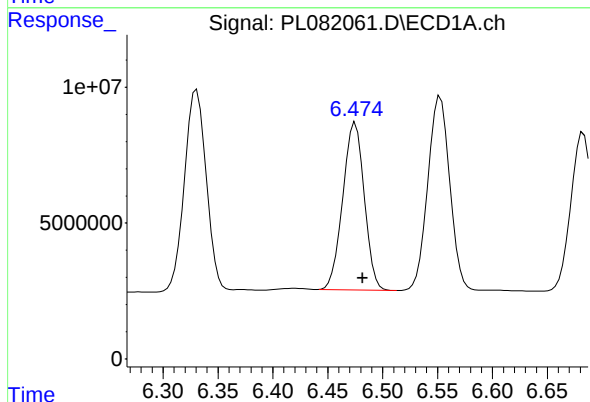
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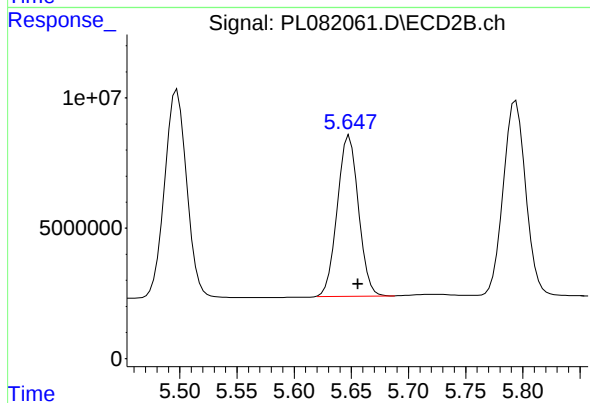
#15 Endosulfan II

R.T.: 5.793 min
Delta R.T.: -0.009 min
Response: 101178150
Conc: 55.78 ng/ml m



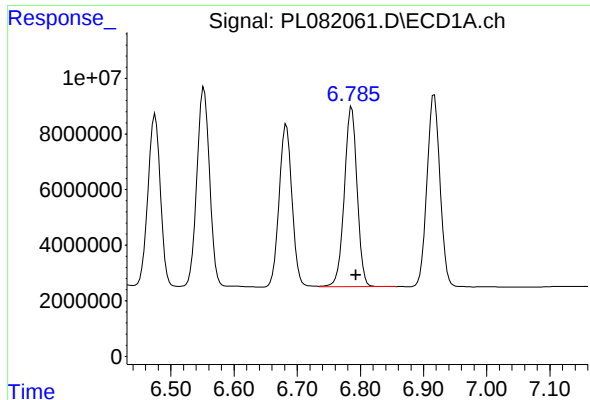
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 84084343
Conc: 46.62 ng/ml



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 79481161
Conc: 52.38 ng/ml



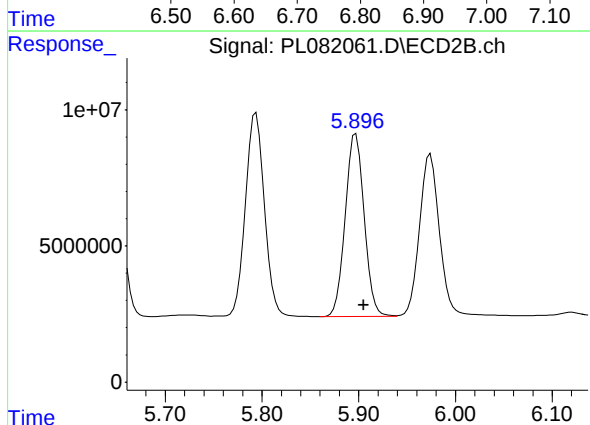
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 90987246
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

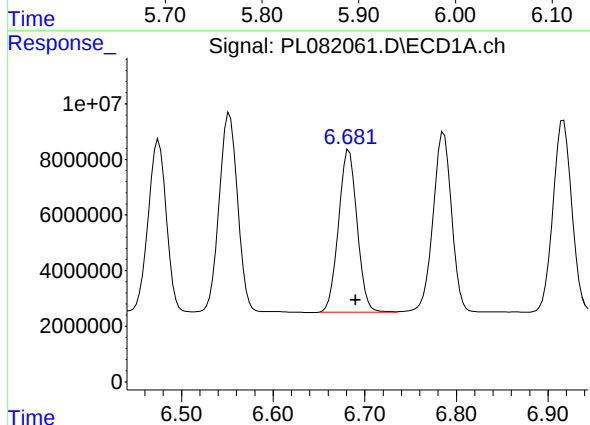
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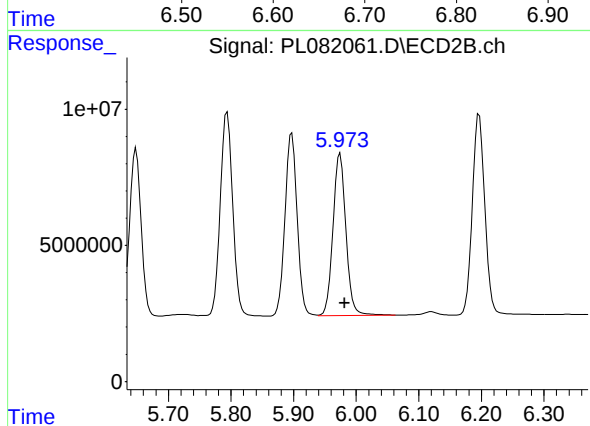
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 90772563
Conc: 52.67 ng/ml



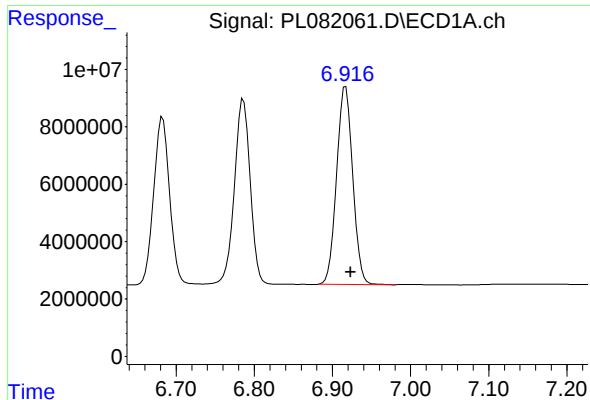
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 82480007
Conc: 50.41 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 85249446
Conc: 54.89 ng/ml



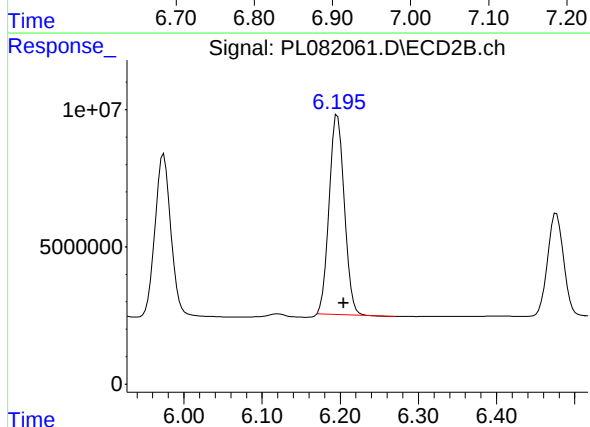
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 98929519
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

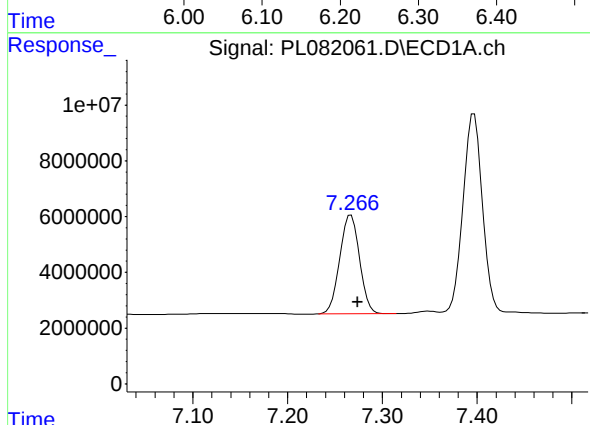
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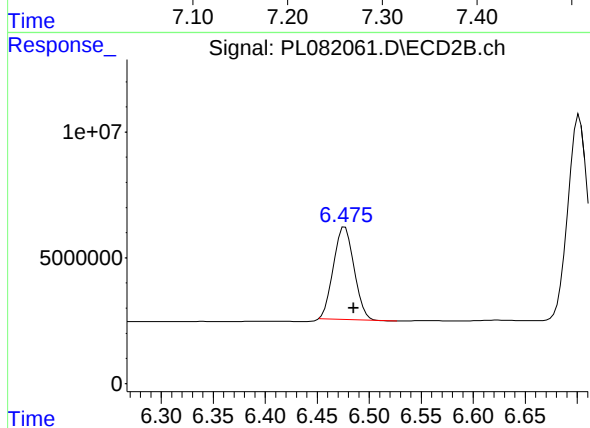
#19 Endosulfan Sulfate

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 97899926
Conc: 50.32 ng/ml



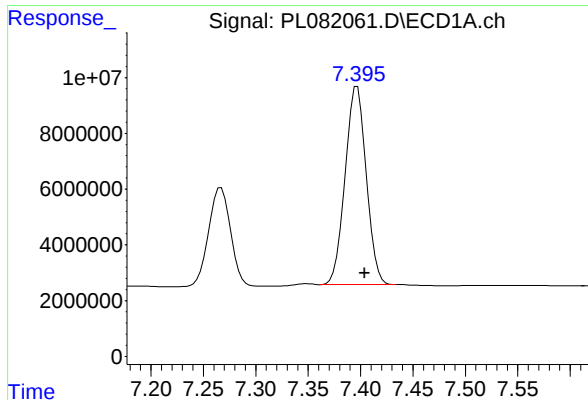
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 51455676
Conc: 47.78 ng/ml



#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 50756349
Conc: 50.96 ng/ml



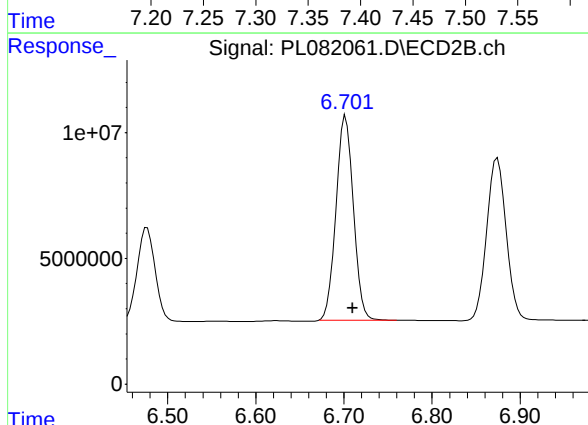
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 100153604
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

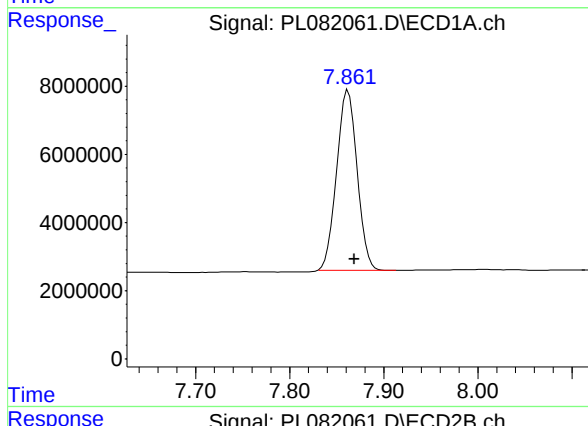
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2023
Supervised By :Ankita Jodhani 04/14/2023



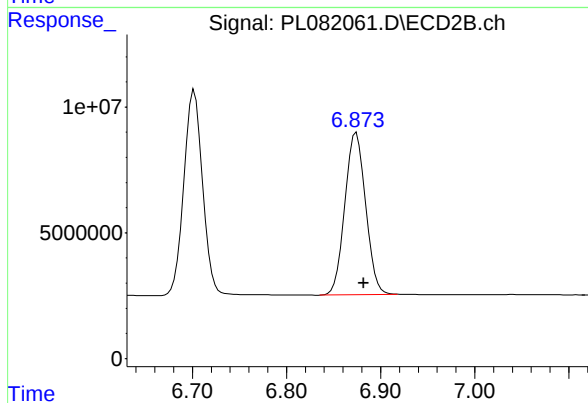
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 111586649
Conc: 52.22 ng/ml



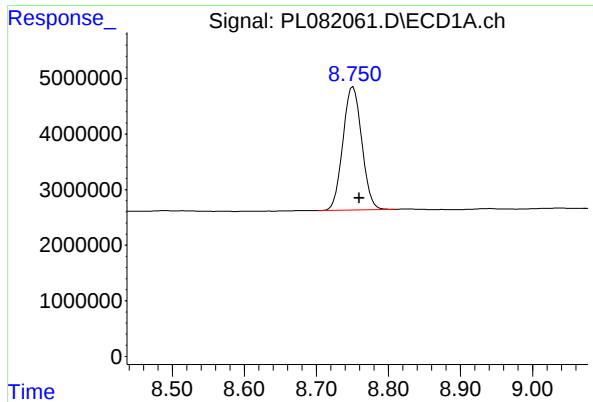
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.006 min
Response: 80160155
Conc: 46.79 ng/ml



#22 Mirex

R.T.: 6.873 min
Delta R.T.: -0.009 min
Response: 99145333
Conc: 51.65 ng/ml m



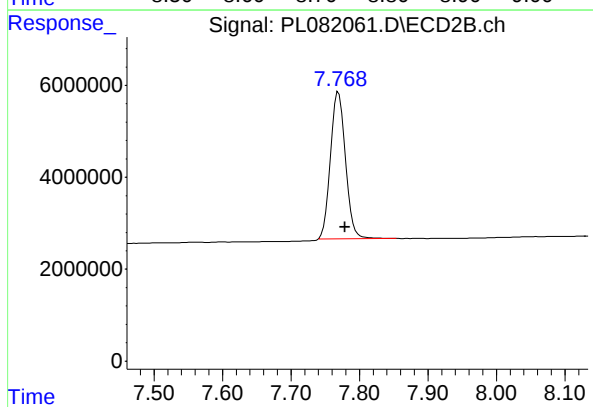
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 40301421
Conc: 22.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152065BS

Manual Integrations
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Supervised By :Ankita Jodhani 04/14/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 48723306
Conc: 24.57 ng/ml