

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
 Data File : PL082871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2023 13:58
 Operator : AR\AJ
 Sample : PB152917BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152917BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2023
 Supervised By : Ankita Jodhani 05/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 22 21:34:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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	2.638	69891235	59173540	23.780	22.793
28)	SA Decachlor...	8.746	7.749	51654918	59041968	24.629	23.745
Target Compounds							
2)	A alpha-BHC	3.777	3.135	234.9E6	184.1E6	52.912	49.337
3)	MA gamma-BHC...	4.105	3.462	212.7E6	176.2E6	51.330	52.862
4)	MA Heptachlor	4.683	3.793	203.2E6	182.4E6	53.149	49.829
5)	MB Aldrin	5.020	4.070	189.3E6	176.3E6	53.800	54.198
6)	B beta-BHC	4.309	3.763	90004732	71799653	47.805	50.207
7)	B delta-BHC	4.550	3.989	216.1E6	174.3E6	62.833	53.204
8)	B Heptachlo...	5.446	4.572	184.8E6	153.0E6	57.759	51.552
9)	A Endosulfan I	5.826	4.939	159.6E6	117.7E6	53.184	42.134
10)	B gamma-Chl...	5.699	4.821	173.3E6	156.4E6	54.543m	52.062
11)	B alpha-Chl...	5.779	4.884	177.9E6	155.1E6	55.417	51.675
12)	B 4,4'-DDE	5.957	5.073	147.1E6	131.4E6	53.353	54.091m
13)	MA Dieldrin	6.101	5.204	160.1E6	146.4E6	53.235	51.852
14)	MA Endrin	6.328	5.478	132.6E6	134.0E6	49.341	52.820
15)	B Endosulfa...	6.550	5.775	133.9E6	126.4E6	50.696	51.090
16)	A 4,4'-DDD	6.471	5.629	120.6E6	106.2E6	55.518m	55.240
17)	MA 4,4'-DDT	6.783	5.878	122.3E6	112.8E6	48.867	50.549
18)	B Endrin al...	6.681	5.955	106.4E6	99527598	52.929	50.331
19)	B Endosulfa...	6.915	6.178	128.5E6	124.7E6	50.116	50.913
20)	A Methoxychlor	7.264	6.457	62764550	62545815	47.463	49.181
21)	B Endrin ke...	7.394	6.681	130.5E6	144.7E6	51.150	53.528m
22)	Mirex	7.858	6.853	96542511	109.9E6	46.060	46.984

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052223\
Data File : PL082871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2023 13:58
Operator : AR\AJ
Sample : PB152917BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152917BS

Manual Integrations

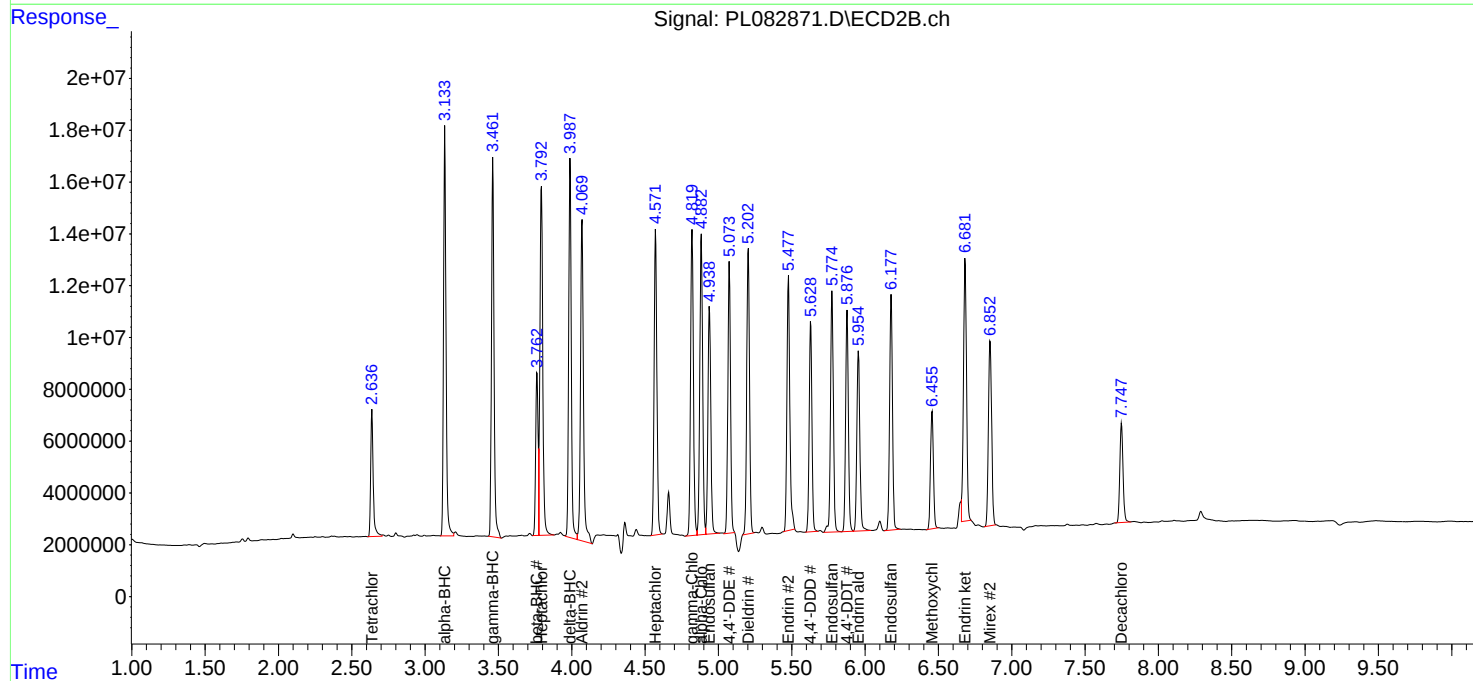
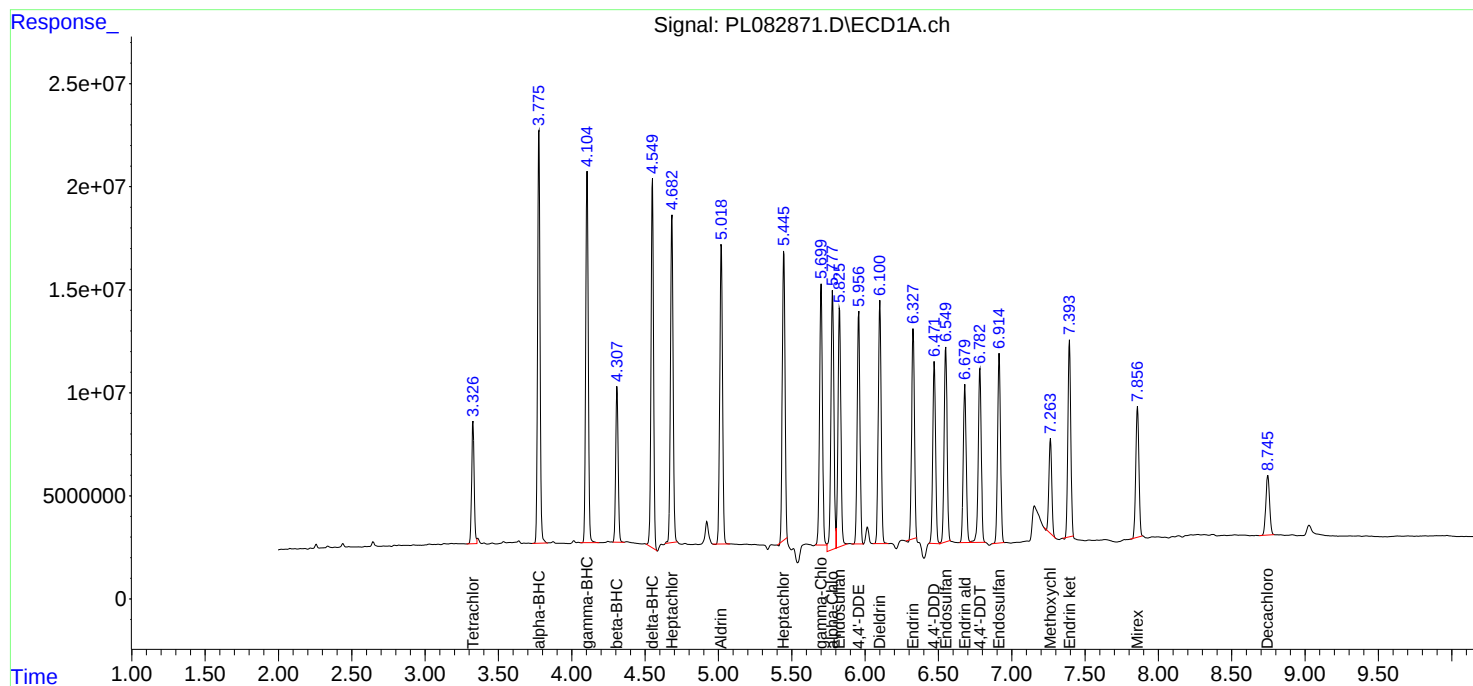
APPROVED

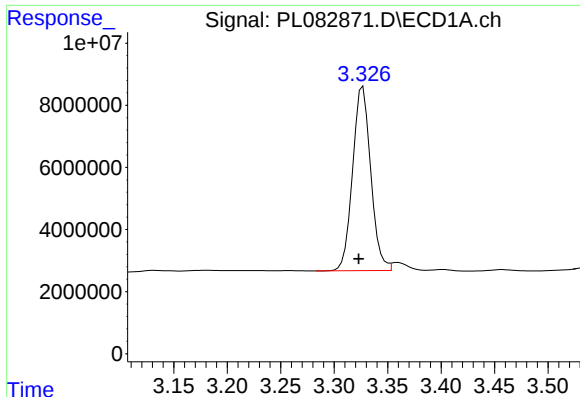
Reviewed By :Abdul Mirza 05/23/2023

Supervised By :Ankita Jodhani 05/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 21:34:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





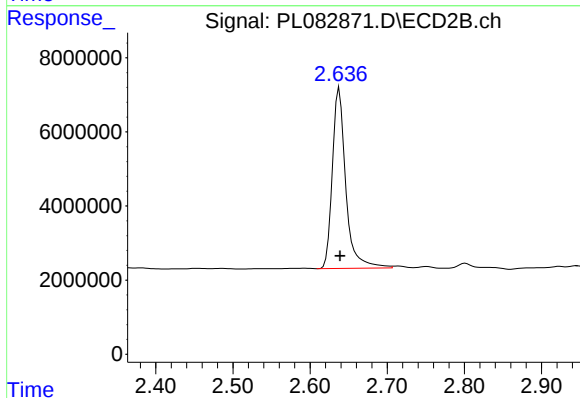
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 69891235
Conc: 23.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

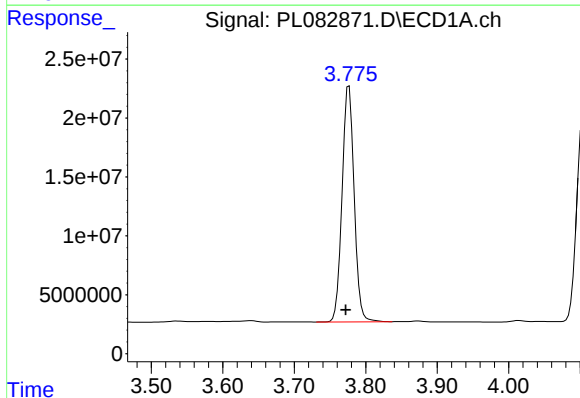
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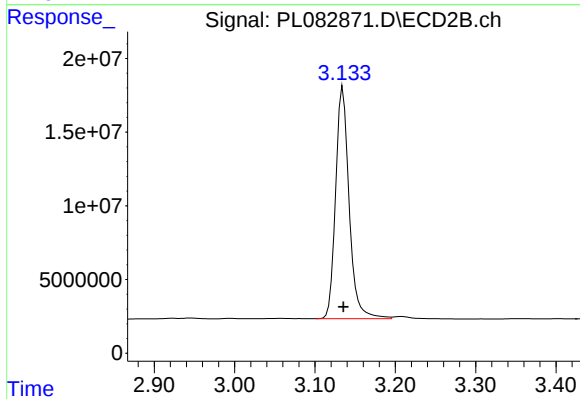
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: -0.001 min
Response: 59173540
Conc: 22.79 ng/ml



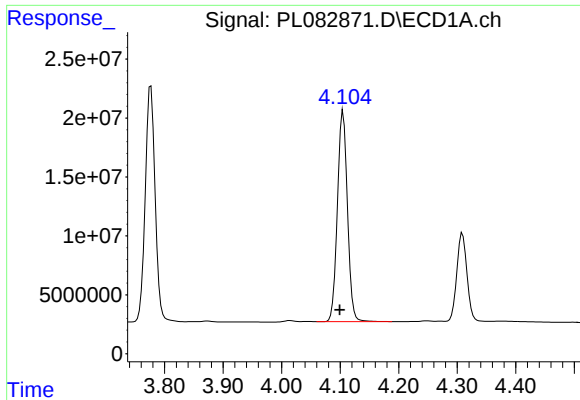
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: 0.005 min
Response: 234891368
Conc: 52.91 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 184097328
Conc: 49.34 ng/ml



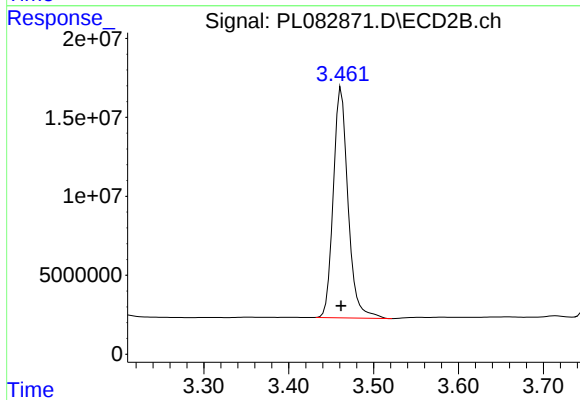
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: 0.006 min
Response: 212657582
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

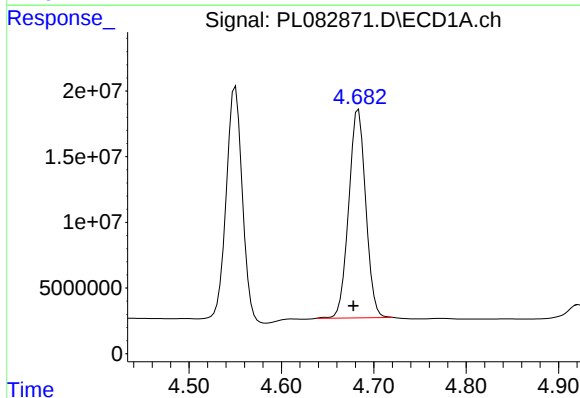
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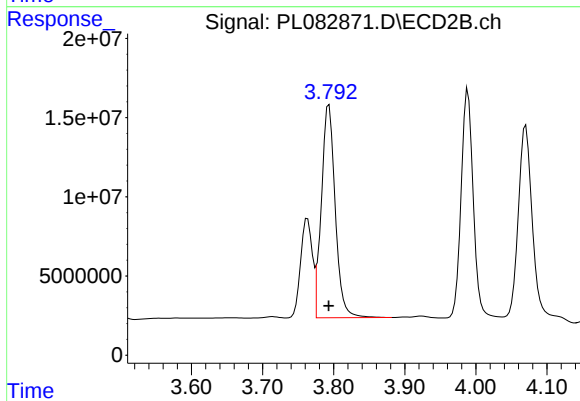
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 176205573
Conc: 52.86 ng/ml



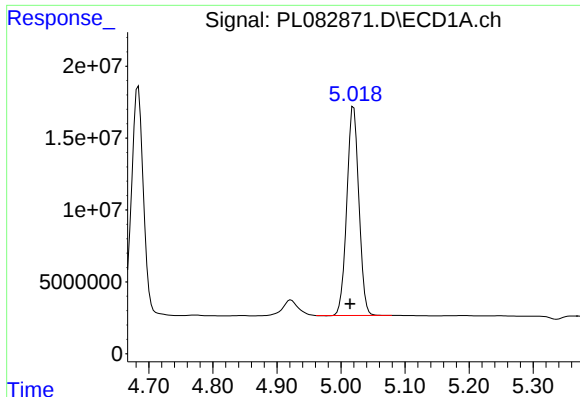
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.005 min
Response: 203160181
Conc: 53.15 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 182426629
Conc: 49.83 ng/ml



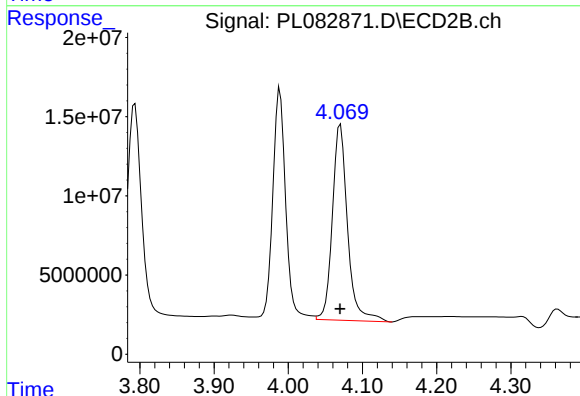
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: 0.006 min
Response: 189274291
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

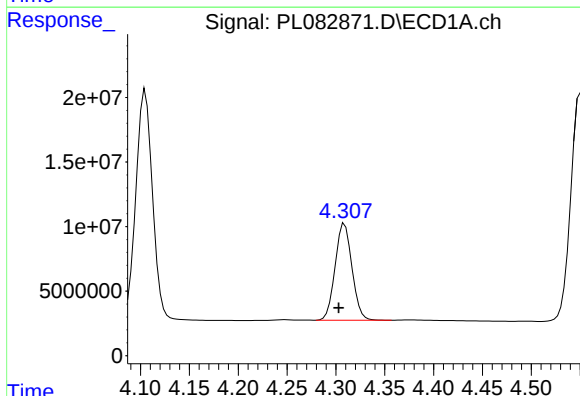
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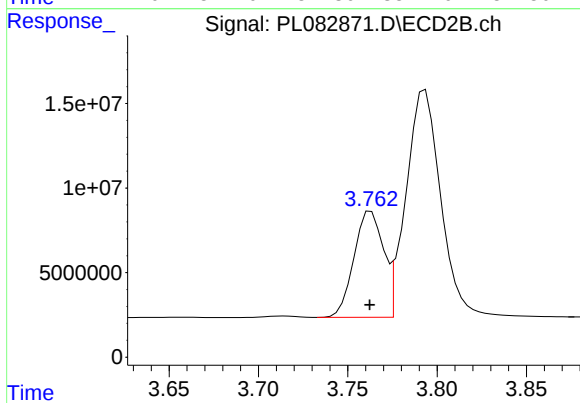
#5 Aldrin

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 176340747
Conc: 54.20 ng/ml



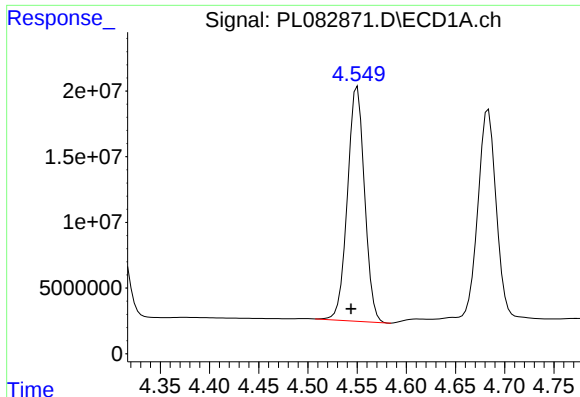
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: 0.006 min
Response: 90004732
Conc: 47.81 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: 0.000 min
Response: 71799653
Conc: 50.21 ng/ml



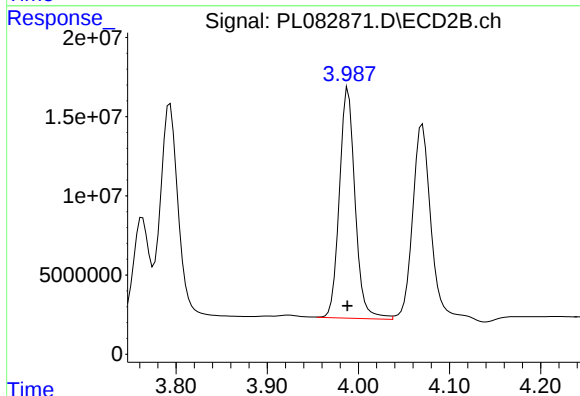
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: 0.006 min
Response: 216078205
Conc: 62.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

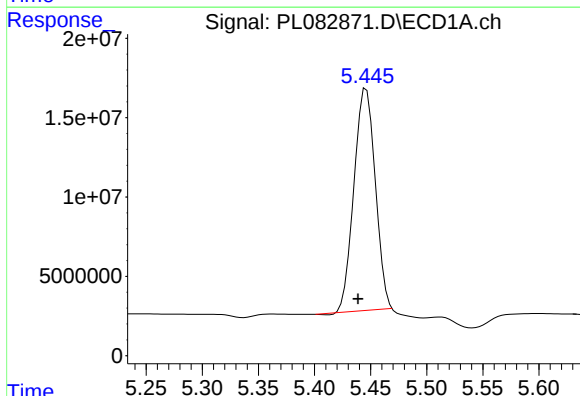
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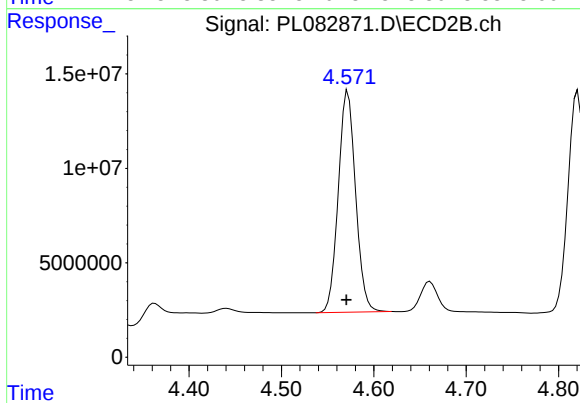
#7 delta-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 174320129
Conc: 53.20 ng/ml



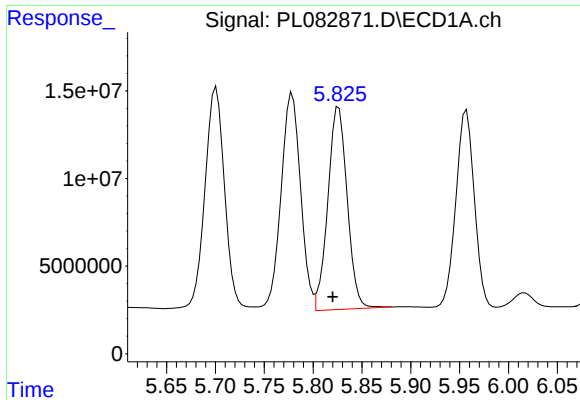
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: 0.007 min
Response: 184754497
Conc: 57.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.572 min
Delta R.T.: 0.002 min
Response: 152999667
Conc: 51.55 ng/ml



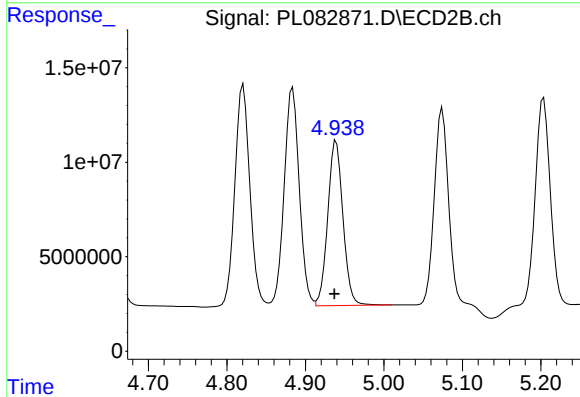
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: 0.006 min
Response: 159583967
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

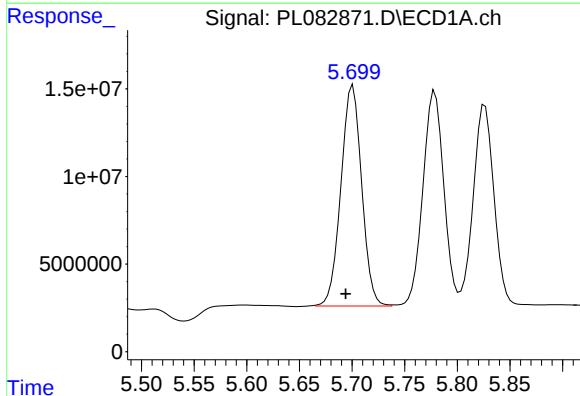
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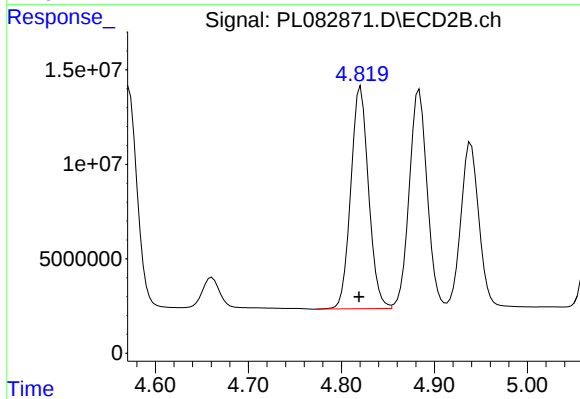
#9 Endosulfan I

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 117738603
Conc: 42.13 ng/ml



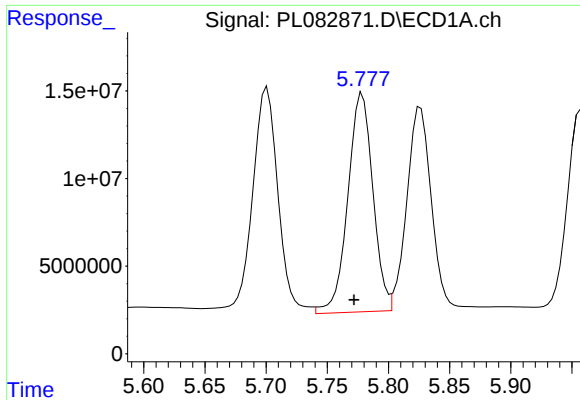
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.005 min
Response: 173281687
Conc: 54.54 ng/ml m



#10 gamma-Chlordane

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 156361336
Conc: 52.06 ng/ml



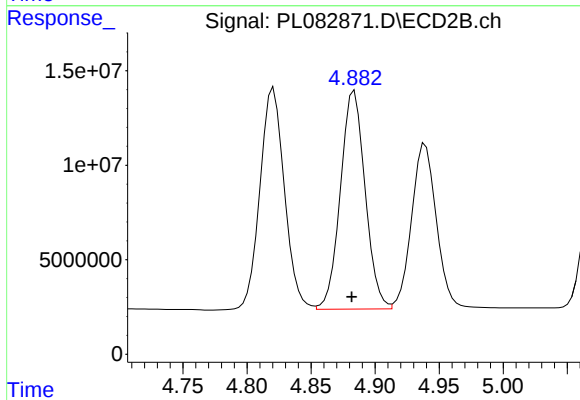
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: 0.007 min
Response: 177851749
Conc: 55.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

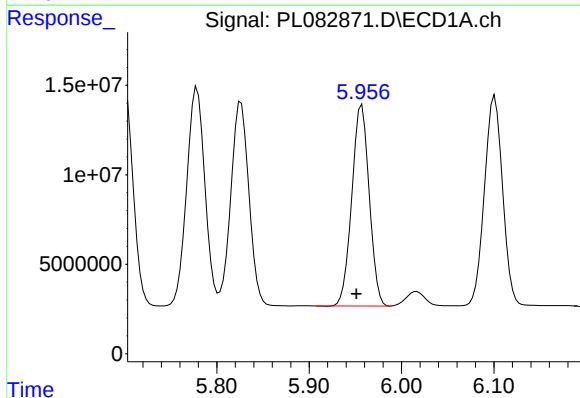
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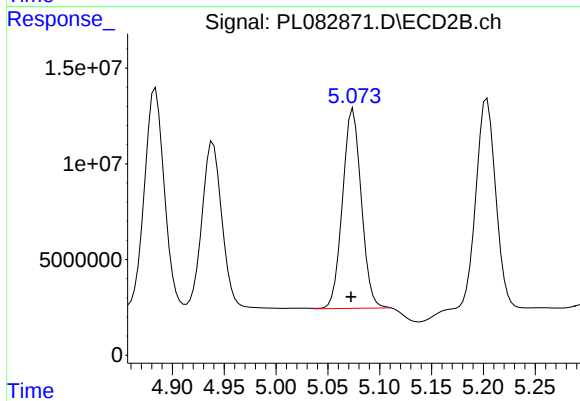
#11 alpha-Chlordane

R.T.: 4.884 min
Delta R.T.: 0.002 min
Response: 155127056
Conc: 51.67 ng/ml



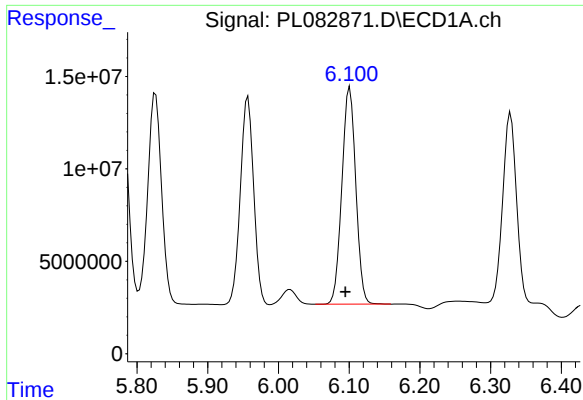
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: 0.006 min
Response: 147069353
Conc: 53.35 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 131373607
Conc: 54.09 ng/ml m



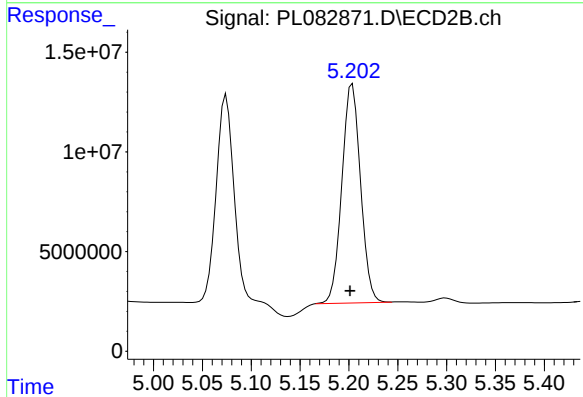
#13 Dieldrin

R.T.: 6.101 min
Delta R.T.: 0.006 min
Response: 160121430
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

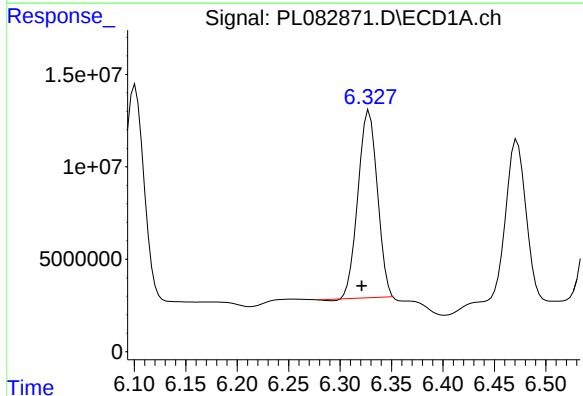
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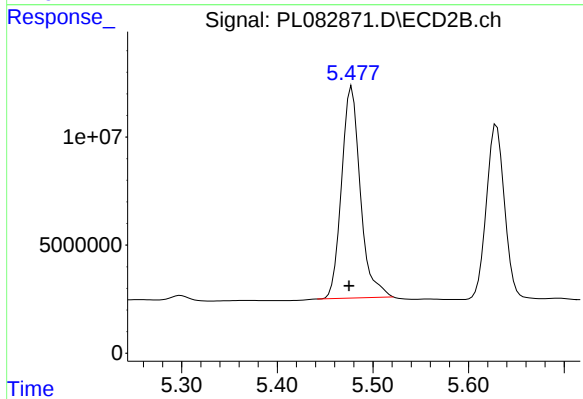
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 146373627
Conc: 51.85 ng/ml



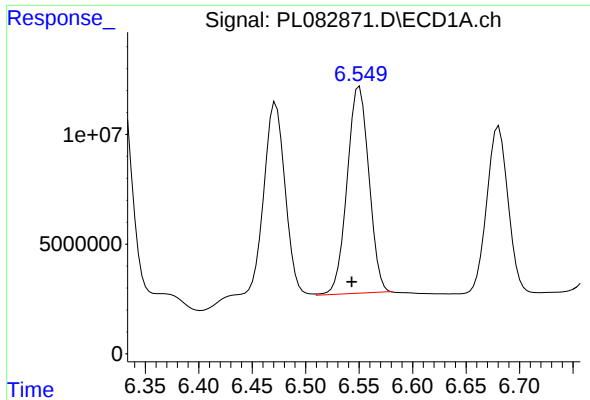
#14 Endrin

R.T.: 6.328 min
Delta R.T.: 0.007 min
Response: 132591345
Conc: 49.34 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: 0.003 min
Response: 134002440
Conc: 52.82 ng/ml



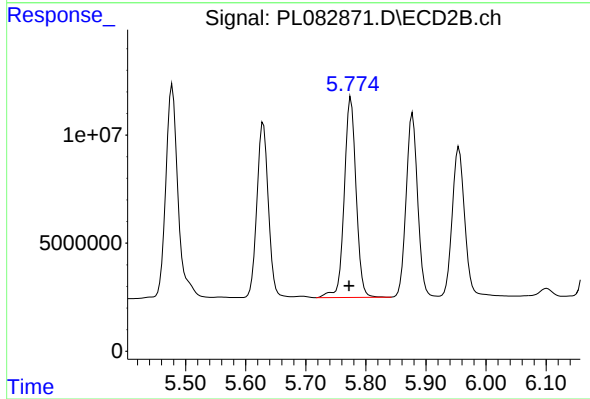
#15 Endosulfan II

R.T.: 6.550 min
Delta R.T.: 0.007 min
Response: 133901709
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

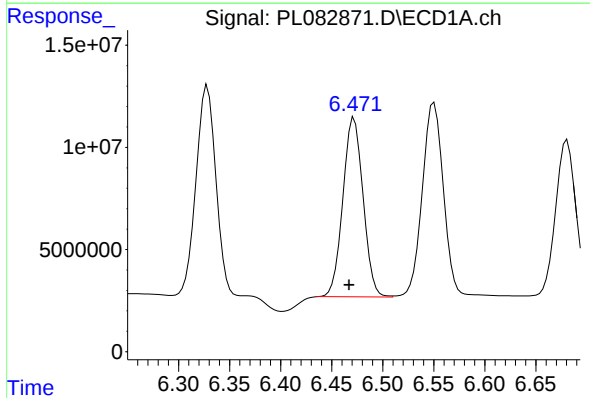
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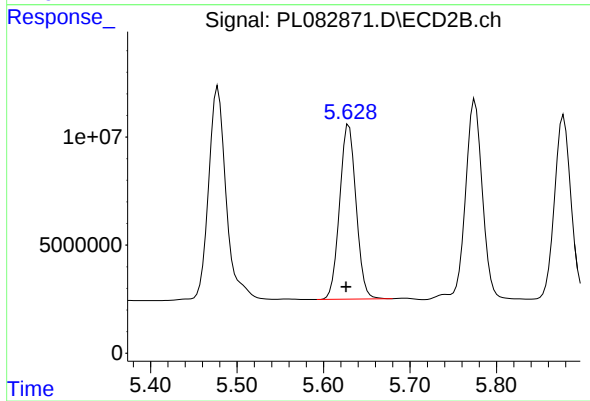
#15 Endosulfan II

R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 126406789
Conc: 51.09 ng/ml



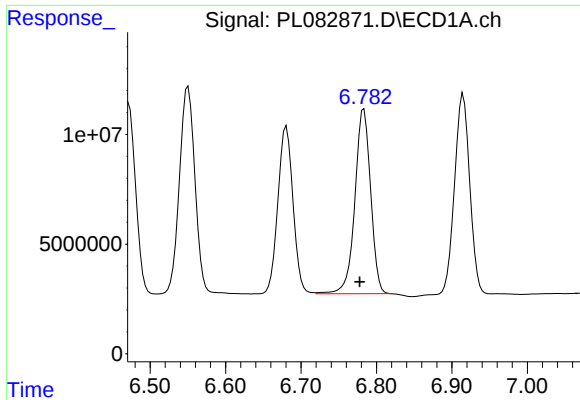
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.004 min
Response: 120642915
Conc: 55.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: 0.003 min
Response: 106240331
Conc: 55.24 ng/ml



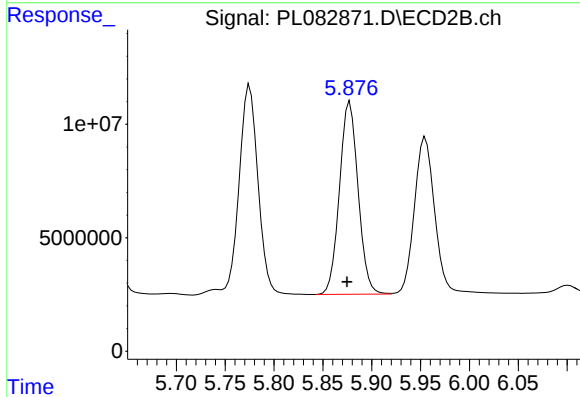
#17 4,4'-DDT

R.T.: 6.783 min
Delta R.T.: 0.005 min
Response: 122322695
Conc: 48.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

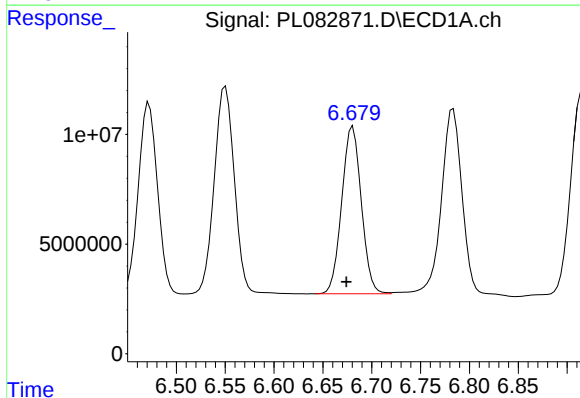
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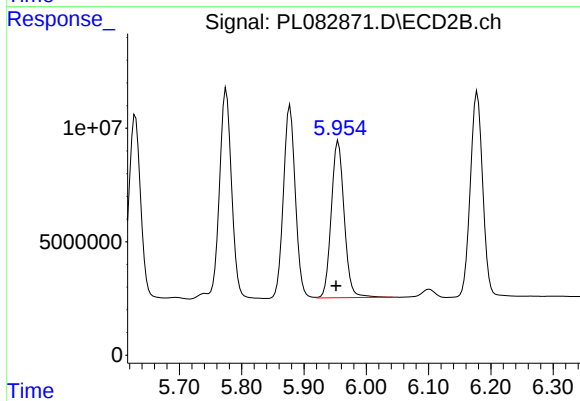
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: 0.003 min
Response: 112775294
Conc: 50.55 ng/ml



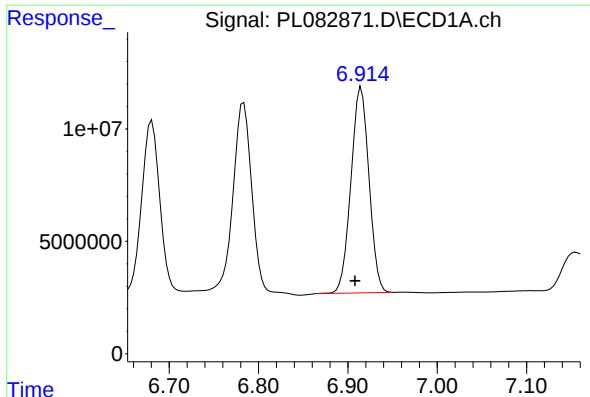
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: 0.007 min
Response: 106421481
Conc: 52.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 99527598
Conc: 50.33 ng/ml



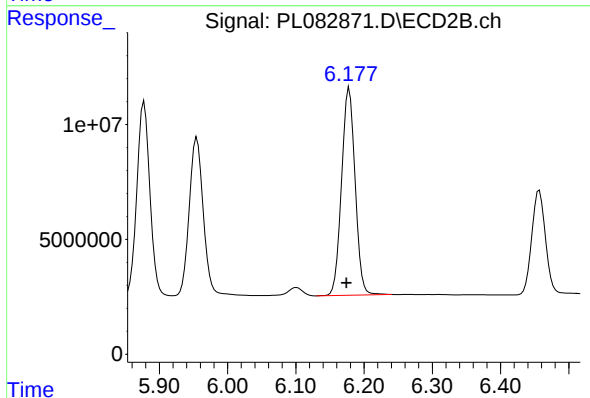
#19 Endosulfan Sulfate

R.T.: 6.915 min
Delta R.T.: 0.007 min
Response: 128482316
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

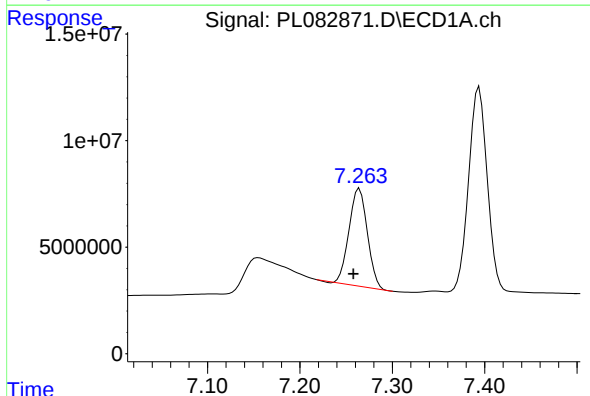
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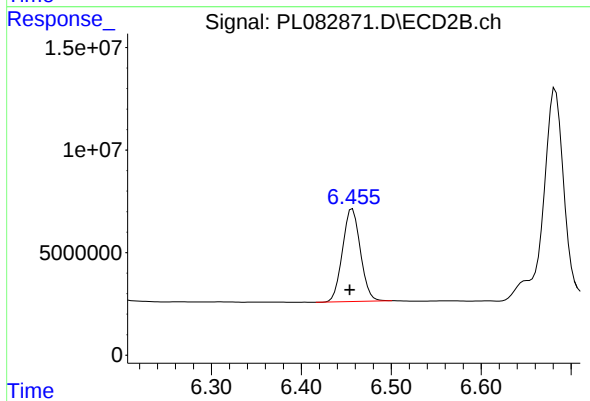
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.004 min
Response: 124684421
Conc: 50.91 ng/ml



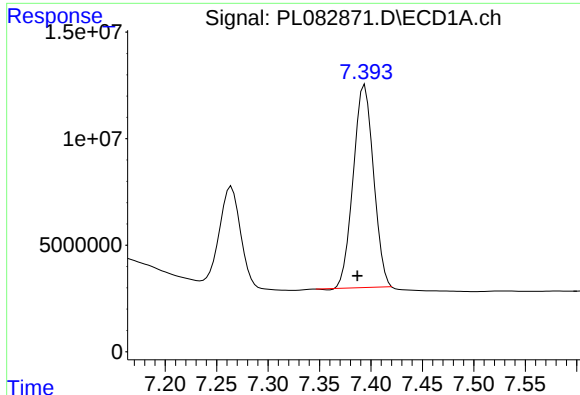
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: 0.006 min
Response: 62764550
Conc: 47.46 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: 0.003 min
Response: 62545815
Conc: 49.18 ng/ml



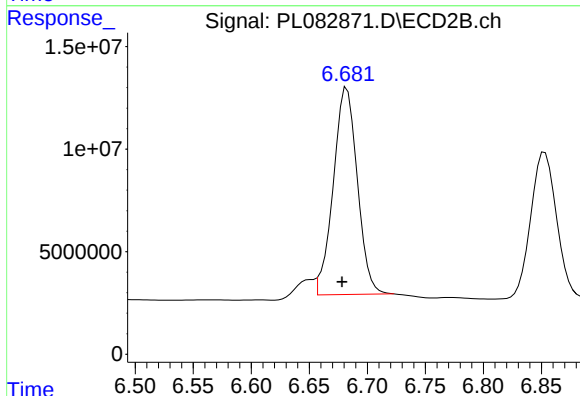
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: 0.007 min
Response: 130473212
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

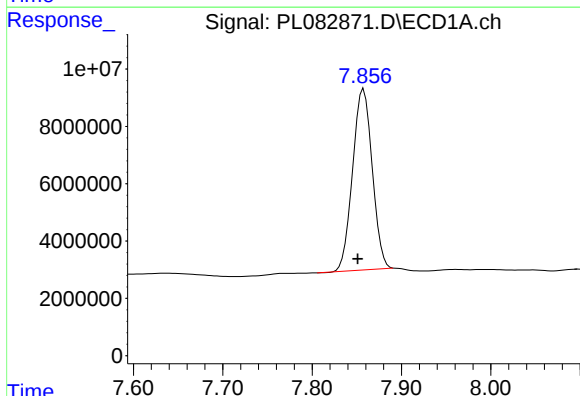
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2023
Supervised By :Ankita Jodhani 05/23/2023



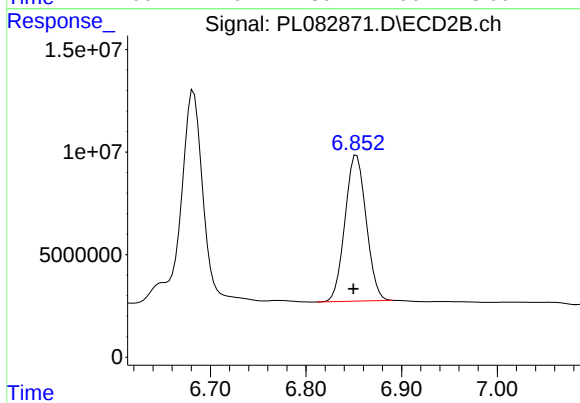
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 144730443
Conc: 53.53 ng/ml m



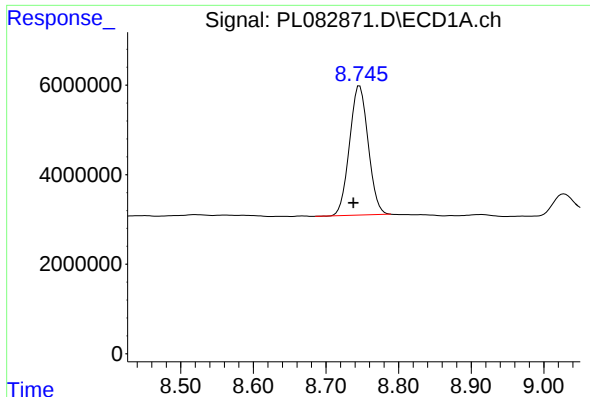
#22 Mirex

R.T.: 7.858 min
Delta R.T.: 0.007 min
Response: 96542511
Conc: 46.06 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: 0.004 min
Response: 109934340
Conc: 46.98 ng/ml



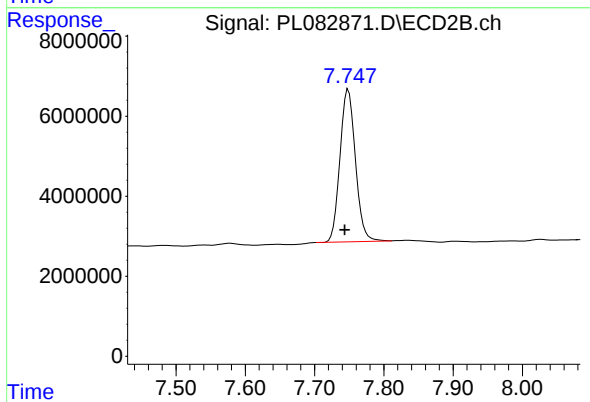
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.008 min
Response: 51654918
Conc: 24.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152917BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/23/2023
Supervised By :Ankita Jodhani 05/23/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: 0.005 min
Response: 59041968
Conc: 23.74 ng/ml