

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041223\
 Data File : PL082010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 10:40
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/13/2023
 Supervised By :Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 22:08:31 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	126.9E6	108.9E6	54.545	54.553
28)	SA Decachlor...	8.748	7.769	88539439	98688089	49.473	49.761
Target Compounds							
2)	A alpha-BHC	3.776	3.151	193.5E6	159.4E6	56.447	54.666
3)	MA gamma-BHC...	4.103	3.479	177.8E6	148.8E6	55.954m	53.431
4)	MA Heptachlor	4.681	3.812	168.2E6	149.8E6	53.352m	52.250
5)	MB Aldrin	5.020	4.089	154.9E6	141.3E6	54.139	53.049
6)	B beta-BHC	4.306	3.778	77969893	64276208	51.804	53.969
7)	B delta-BHC	4.548	4.004	170.4E6	143.0E6	56.069	55.303
8)	B Heptachlo...	5.446	4.590	145.3E6	129.9E6	53.412	53.478
9)	A Endosulfan I	5.827	4.958	128.5E6	116.5E6	52.002	52.748
10)	B gamma-Chl...	5.701	4.839	141.1E6	129.9E6	53.756	53.430
11)	B alpha-Chl...	5.779	4.902	138.4E6	128.8E6	53.458	53.032
12)	B 4,4'-DDE	5.957	5.093	120.9E6	111.0E6	53.654	56.370
13)	MA Dieldrin	6.102	5.222	128.2E6	120.9E6	52.961	53.762
14)	MA Endrin	6.329	5.497	108.9E6	106.1E6	51.488	52.407
15)	B Endosulfa...	6.550	5.792	106.3E6	100.9E6	50.080	55.613m
16)	A 4,4'-DDD	6.472	5.647	99757305	89636321	55.314	59.067
17)	MA 4,4'-DDT	6.784	5.896	97732831	87616781	48.153	50.843
18)	B Endrin al...	6.680	5.973	84961252	80868775	51.929	52.073
19)	B Endosulfa...	6.915	6.194	109.4E6	104.3E6	52.476	53.608m
20)	A Methoxychlor	7.264	6.476	51753932	48939917	48.059	49.135
21)	B Endrin ke...	7.394	6.701	114.8E6	117.7E6	54.793	55.069
22)	Mirex	7.857	6.872	88439221	99569833	51.620m	51.866m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041223\
Data File : PL082010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2023 10:40
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

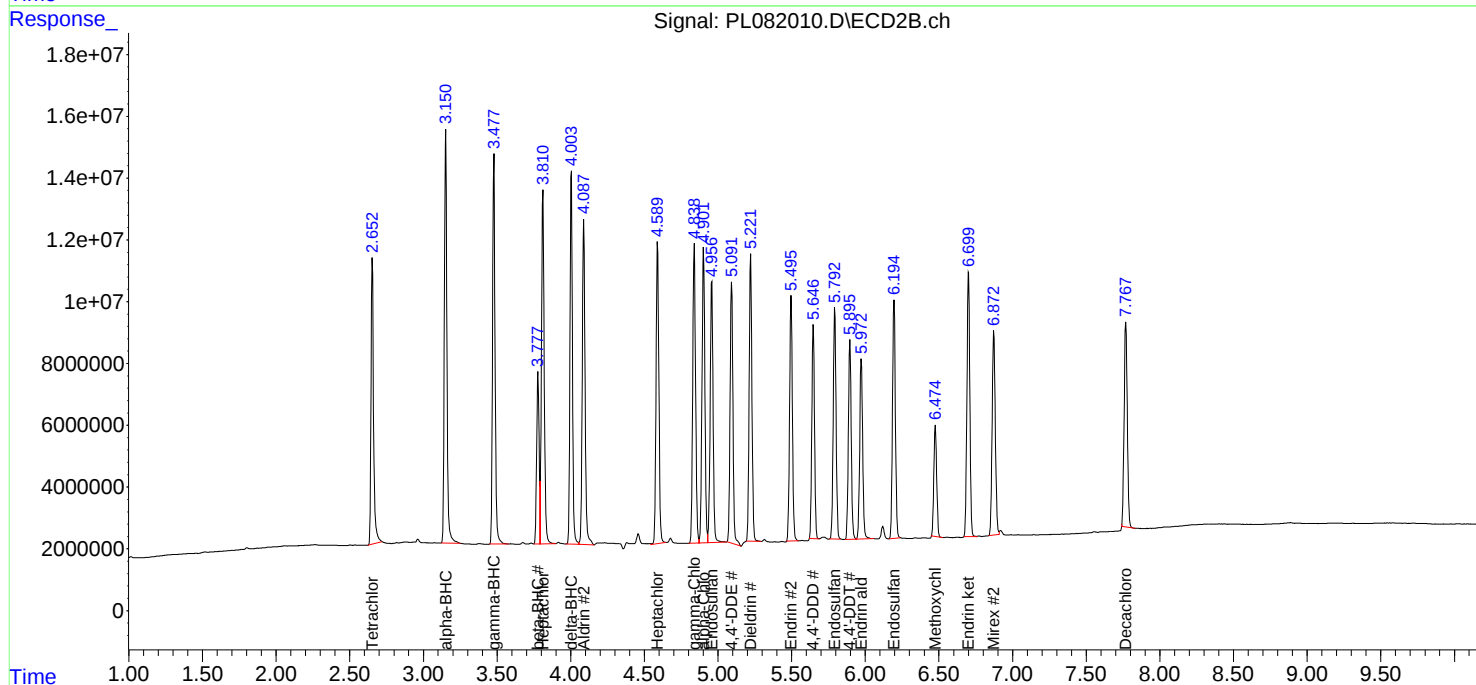
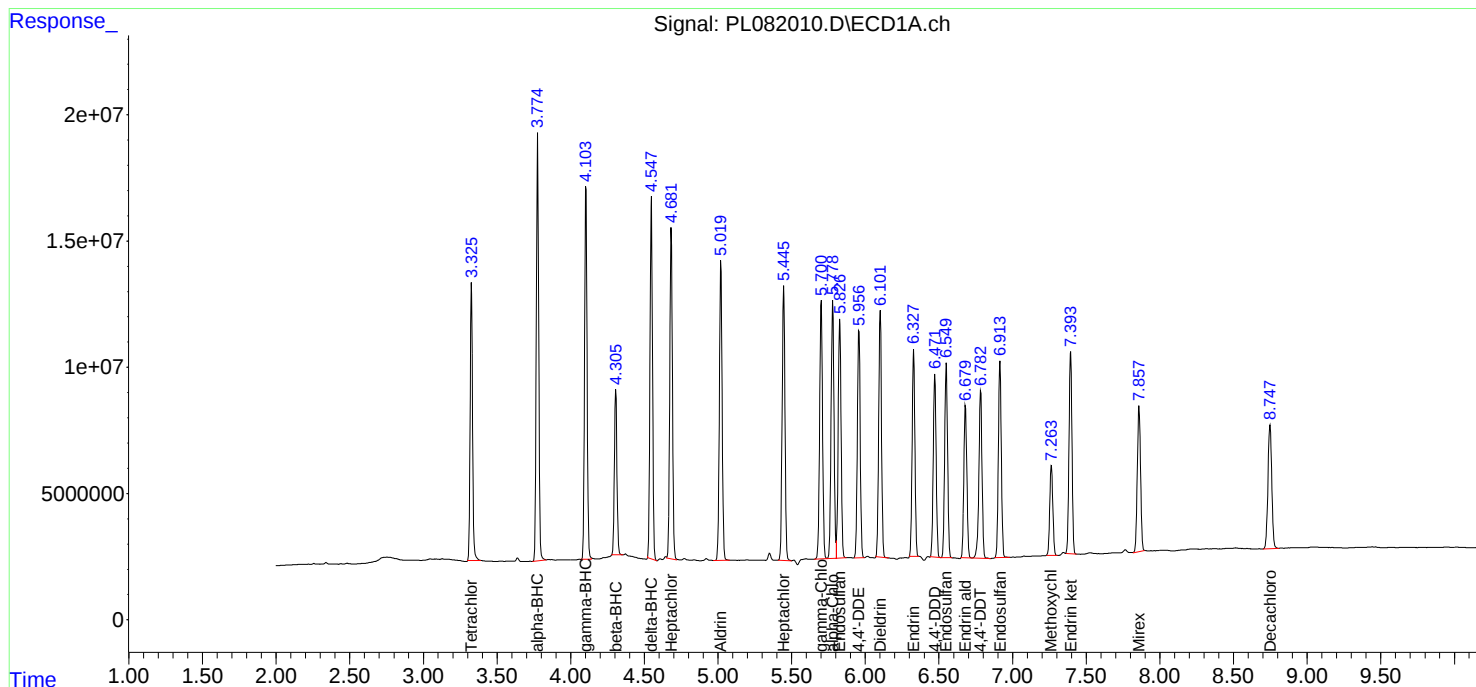
APPROVED

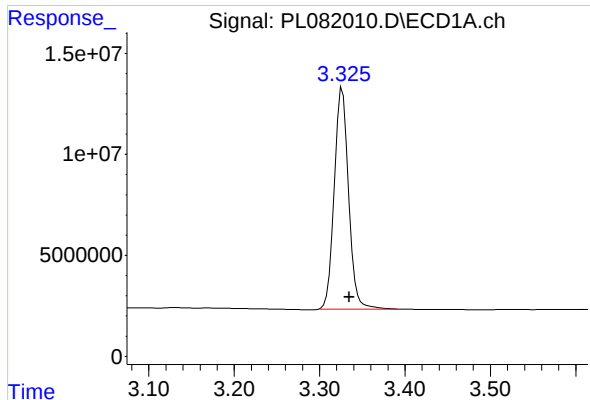
Reviewed By :Abdul Mirza 04/13/2023

Supervised By :Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 22:08:31 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





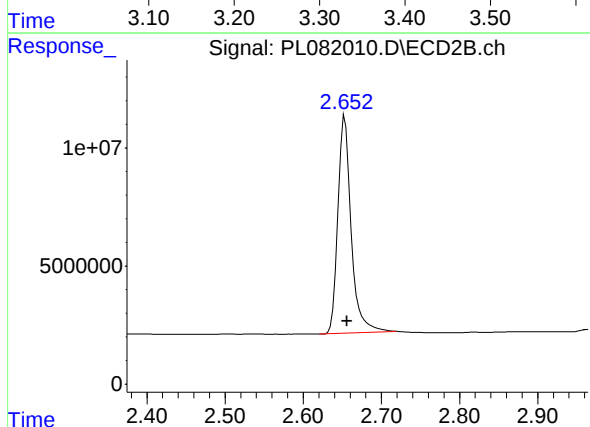
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 126865504
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

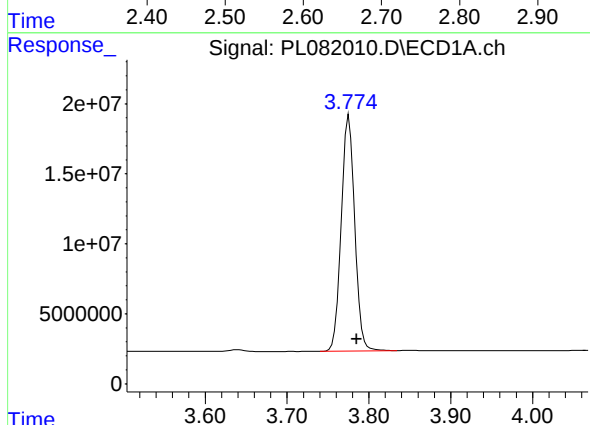
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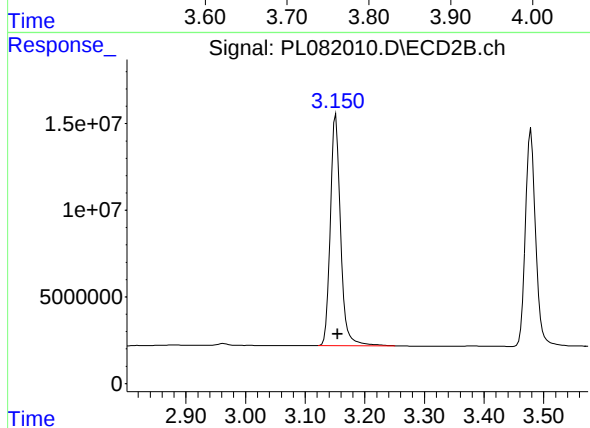
#1 Tetrachloro-m-xylene

R.T.: 2.653 min
Delta R.T.: -0.003 min
Response: 108895146
Conc: 54.55 ng/ml



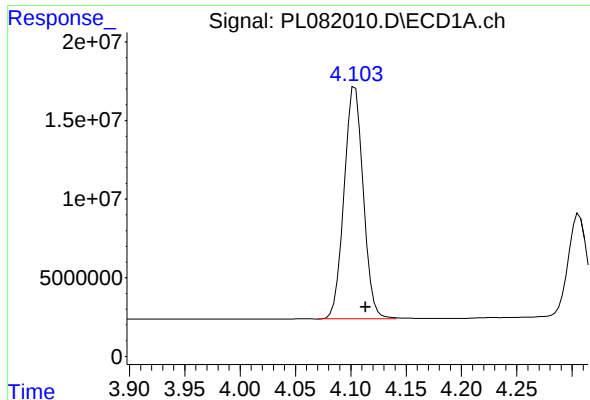
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 193520433
Conc: 56.45 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 159352354
Conc: 54.67 ng/ml



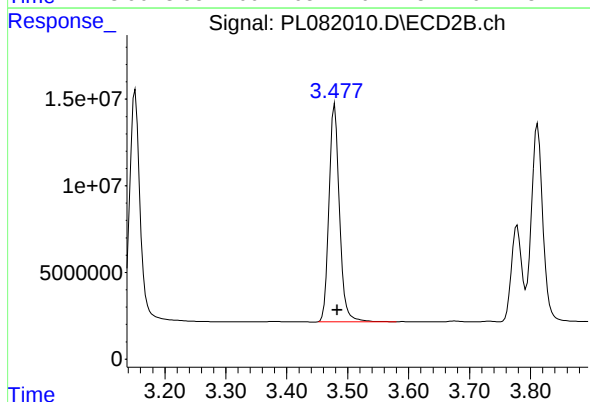
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.011 min
Response: 177756486
Conc: 55.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

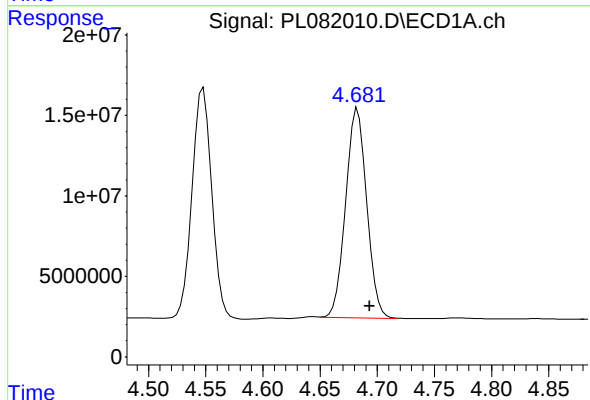
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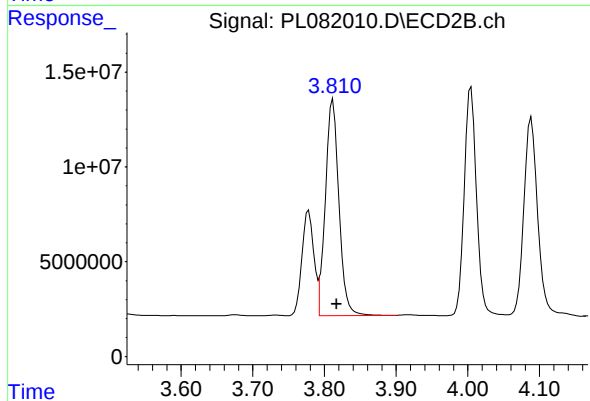
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 148763252
Conc: 53.43 ng/ml



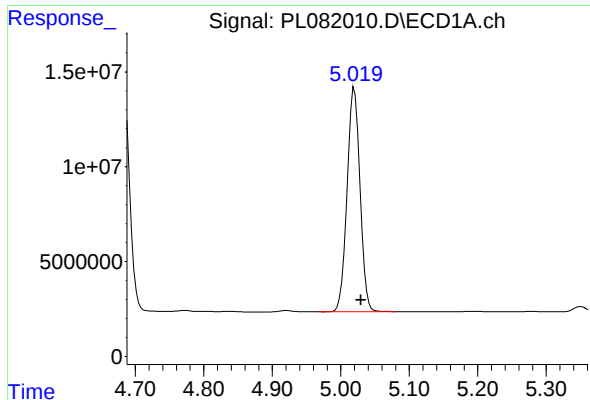
#4 Heptachlor

R.T.: 4.681 min
Delta R.T.: -0.012 min
Response: 168176032
Conc: 53.35 ng/ml m



#4 Heptachlor

R.T.: 3.812 min
Delta R.T.: -0.005 min
Response: 149798113
Conc: 52.25 ng/ml



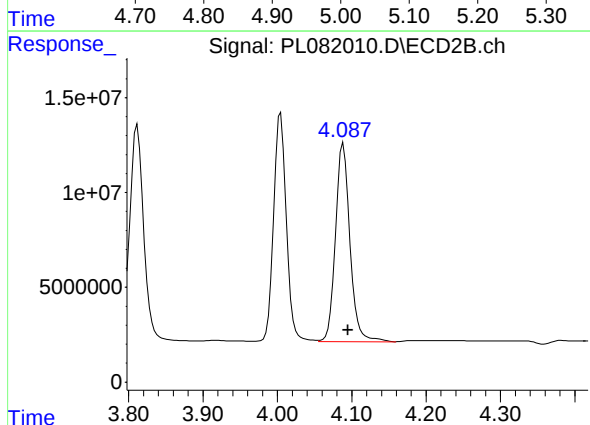
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.010 min
Response: 154853877
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

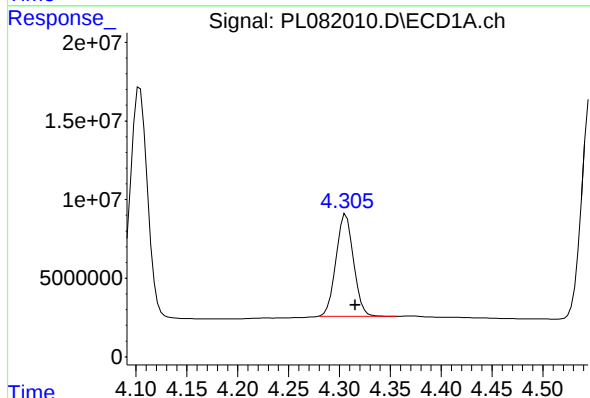
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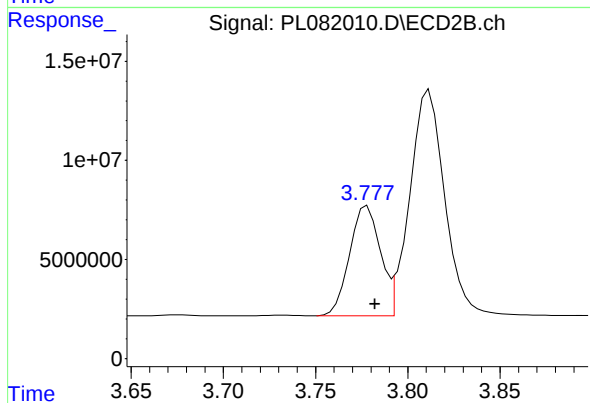
#5 Aldrin

R.T.: 4.089 min
Delta R.T.: -0.006 min
Response: 141347370
Conc: 53.05 ng/ml



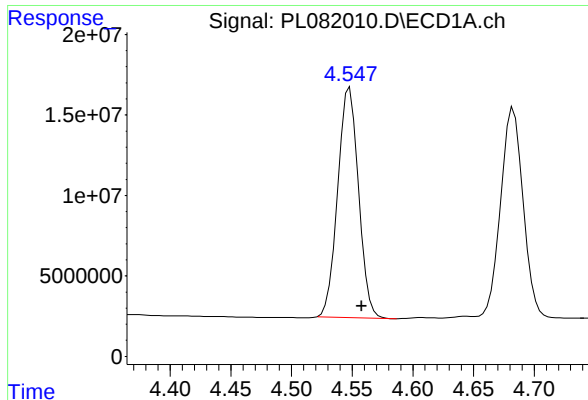
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 77969893
Conc: 51.80 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 64276208
Conc: 53.97 ng/ml



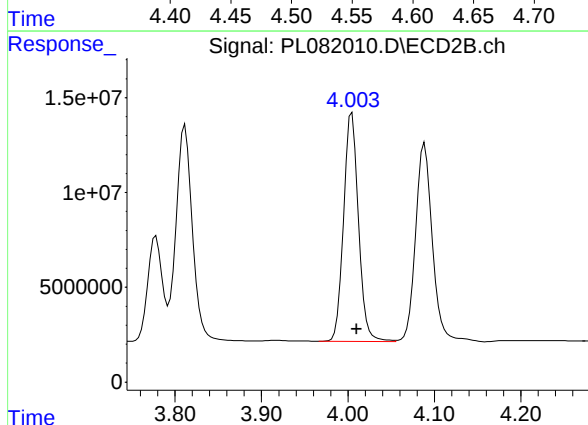
#7 delta-BHC

R.T.: 4.548 min
Delta R.T.: -0.010 min
Response: 170406745
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

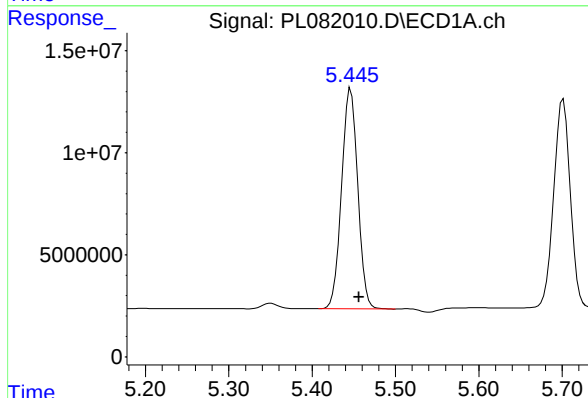
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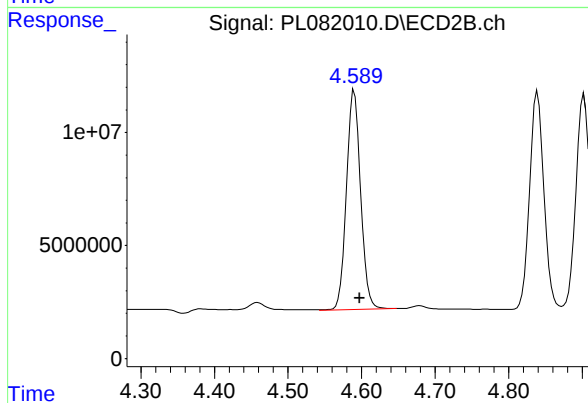
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.005 min
Response: 143018633
Conc: 55.30 ng/ml



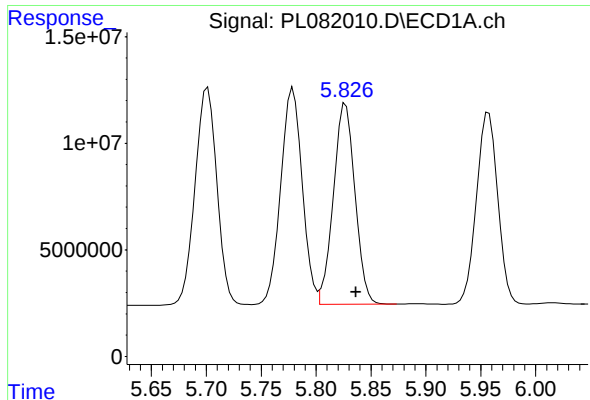
#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: -0.010 min
Response: 145282567
Conc: 53.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.590 min
Delta R.T.: -0.008 min
Response: 129883969
Conc: 53.48 ng/ml



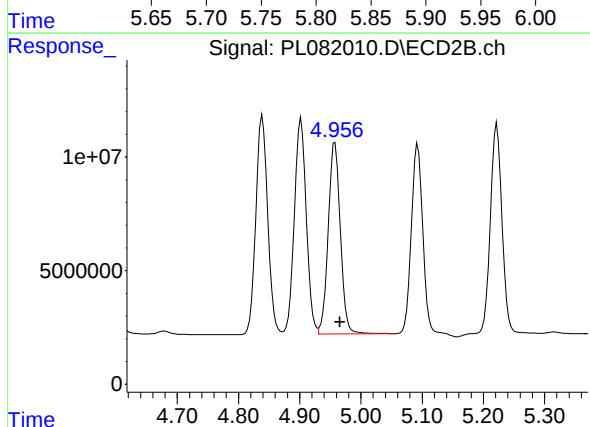
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: -0.009 min
Response: 128488616
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

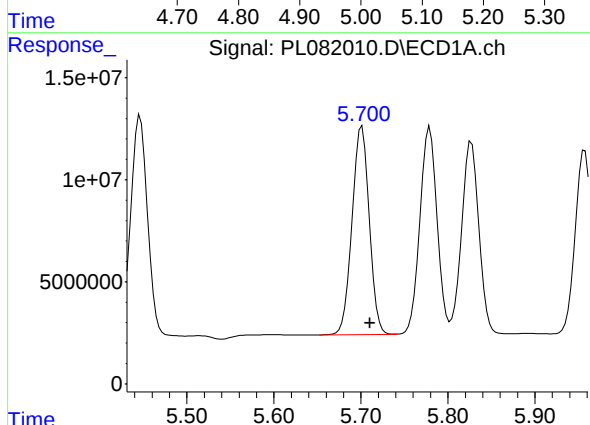
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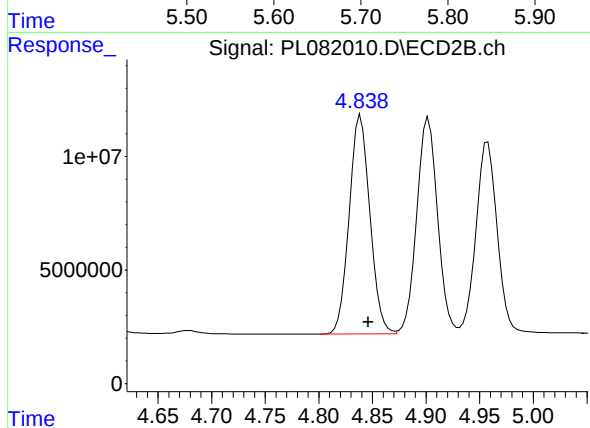
#9 Endosulfan I

R.T.: 4.958 min
Delta R.T.: -0.008 min
Response: 116452643
Conc: 52.75 ng/ml



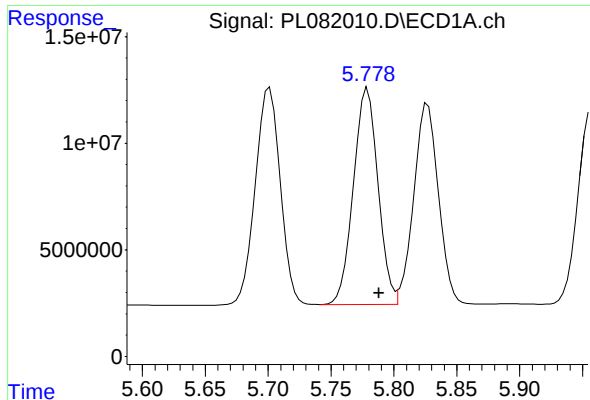
#10 gamma-Chlordane

R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 141121787
Conc: 53.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 129855529
Conc: 53.43 ng/ml



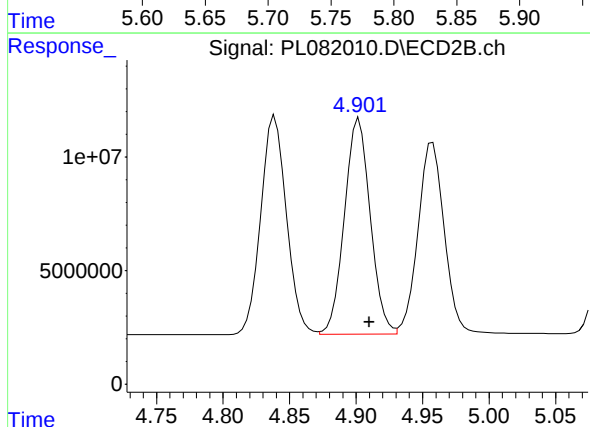
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 138369955
Conc: 53.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

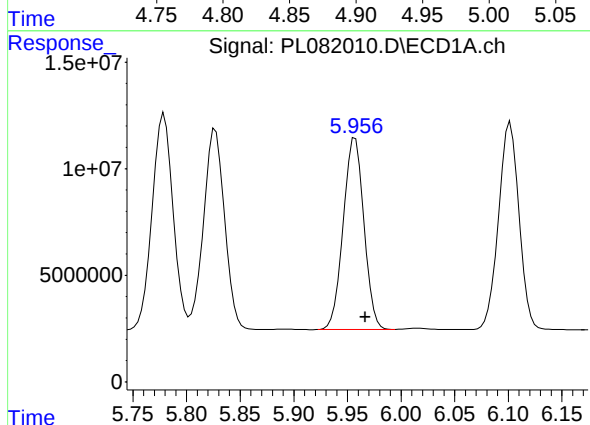
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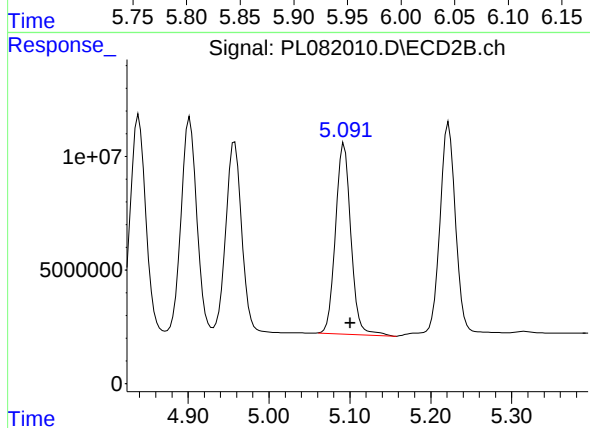
#11 alpha-Chlordane

R.T.: 4.902 min
Delta R.T.: -0.008 min
Response: 128812695
Conc: 53.03 ng/ml



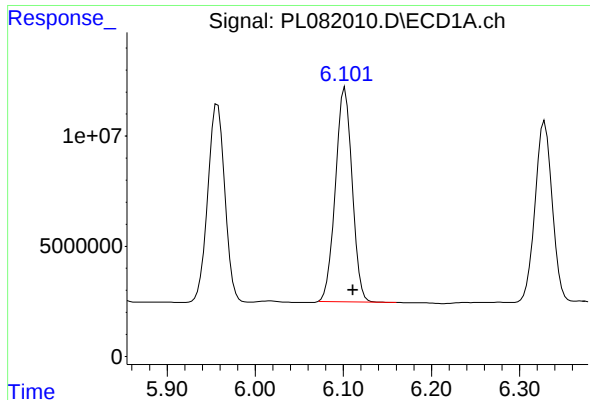
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 120915913
Conc: 53.65 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 111037457
Conc: 56.37 ng/ml



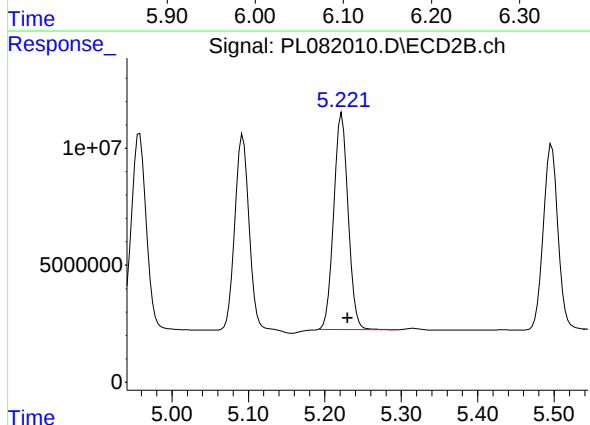
#13 Dieldrin

R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 128215815
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

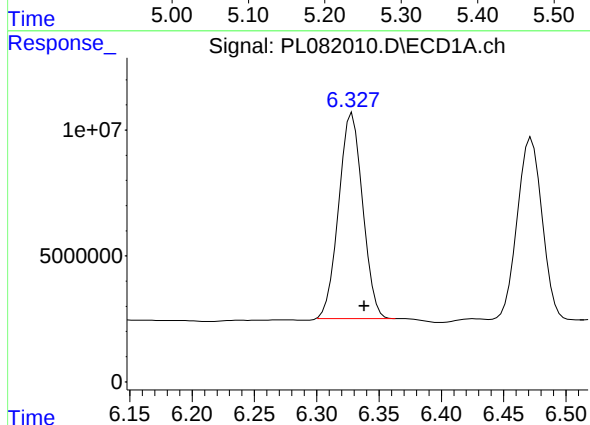
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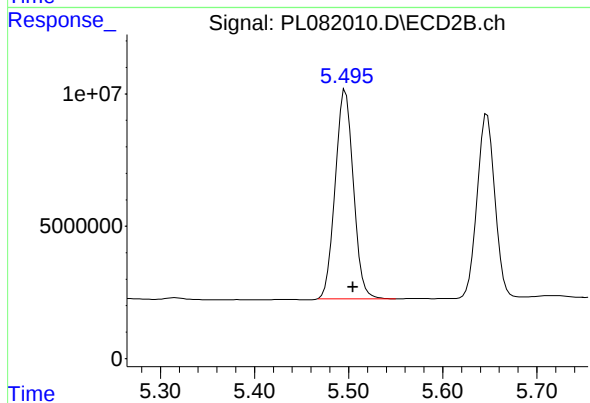
#13 Dieldrin

R.T.: 5.222 min
Delta R.T.: -0.007 min
Response: 120933405
Conc: 53.76 ng/ml



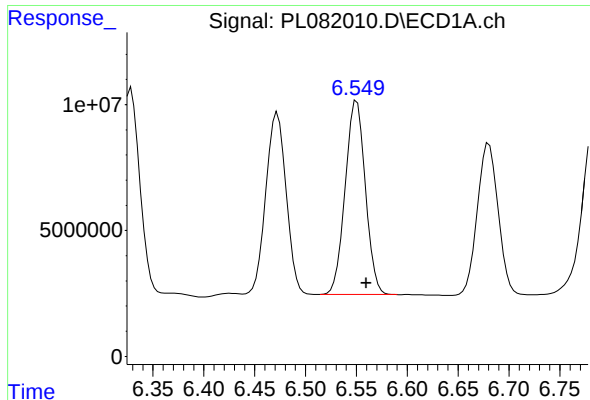
#14 Endrin

R.T.: 6.329 min
Delta R.T.: -0.010 min
Response: 108909012
Conc: 51.49 ng/ml



#14 Endrin

R.T.: 5.497 min
Delta R.T.: -0.008 min
Response: 106057461
Conc: 52.41 ng/ml



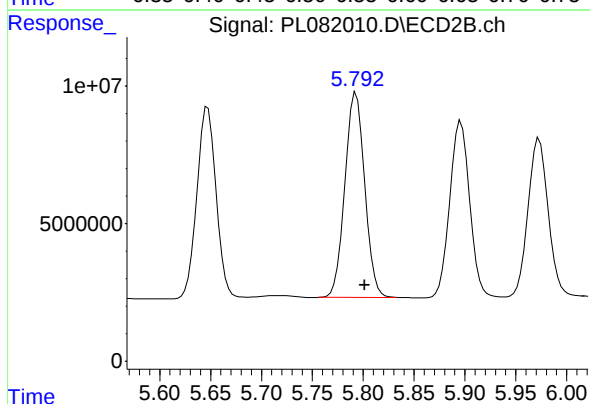
#15 Endosulfan II

R.T.: 6.550 min
Delta R.T.: -0.009 min
Response: 106275235
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

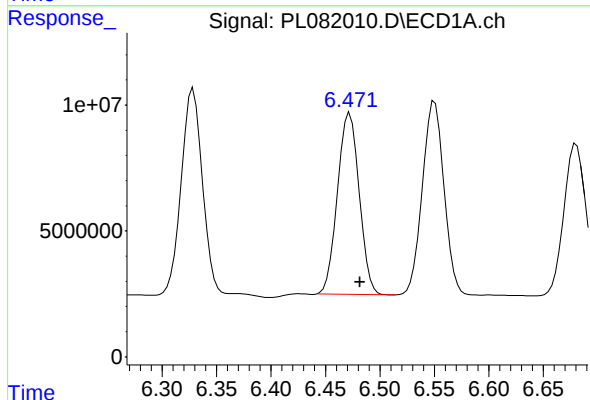
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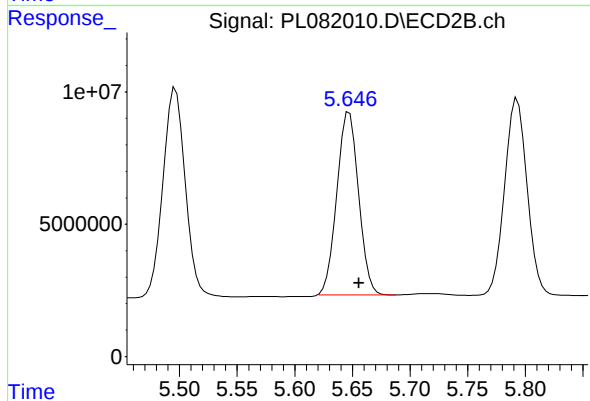
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.010 min
Response: 100884315
Conc: 55.61 ng/ml



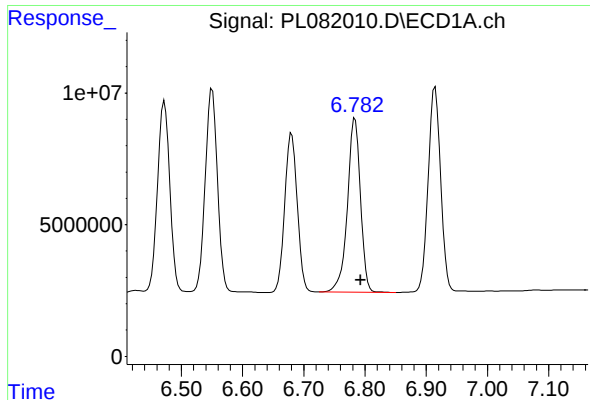
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 99757305
Conc: 55.31 ng/ml



#16 4,4'-DDD

R.T.: 5.647 min
Delta R.T.: -0.009 min
Response: 89636321
Conc: 59.07 ng/ml



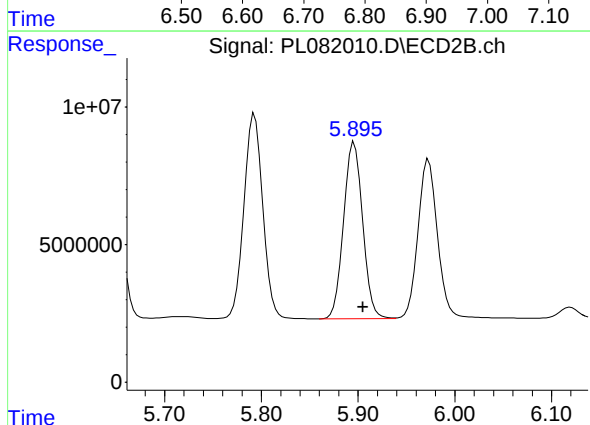
#17 4,4'-DDT

R.T.: 6.784 min
Delta R.T.: -0.009 min
Response: 97732831
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

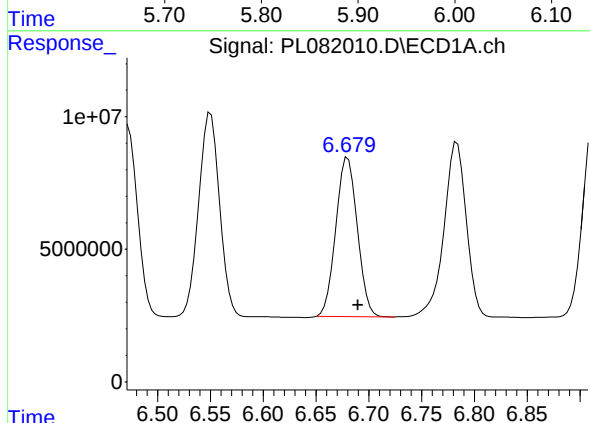
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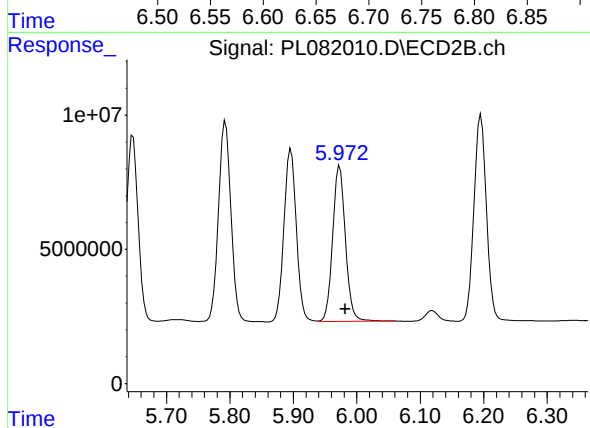
#17 4,4'-DDT

R.T.: 5.896 min
Delta R.T.: -0.009 min
Response: 87616781
Conc: 50.84 ng/ml



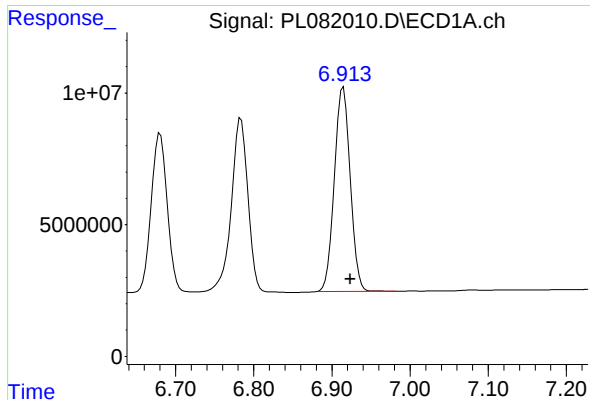
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 84961252
Conc: 51.93 ng/ml



#18 Endrin aldehyde

R.T.: 5.973 min
Delta R.T.: -0.009 min
Response: 80868775
Conc: 52.07 ng/ml



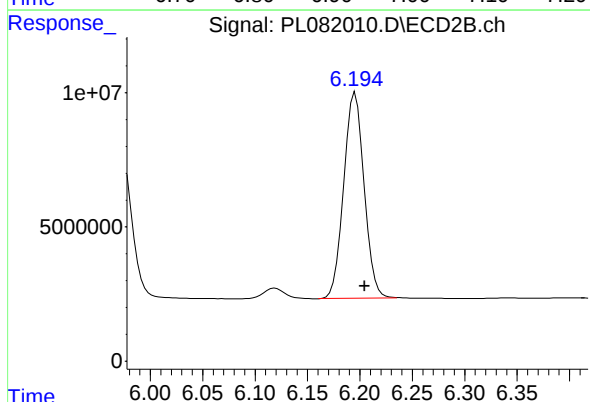
#19 Endosulfan Sulfate

R.T.: 6.915 min
Delta R.T.: -0.009 min
Response: 109361751
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

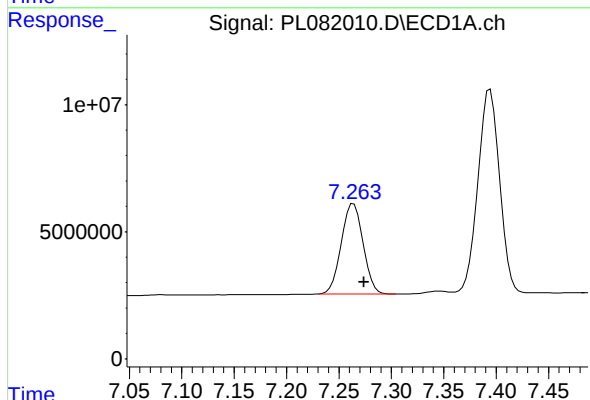
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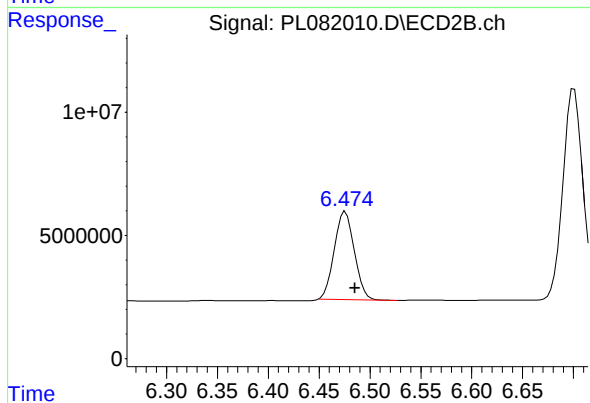
#19 Endosulfan Sulfate

R.T.: 6.194 min
Delta R.T.: -0.010 min
Response: 104305209
Conc: 53.61 ng/ml



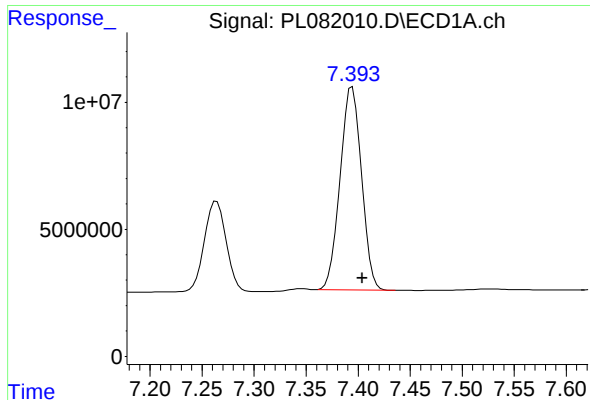
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 51753932
Conc: 48.06 ng/ml



#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 48939917
Conc: 49.13 ng/ml



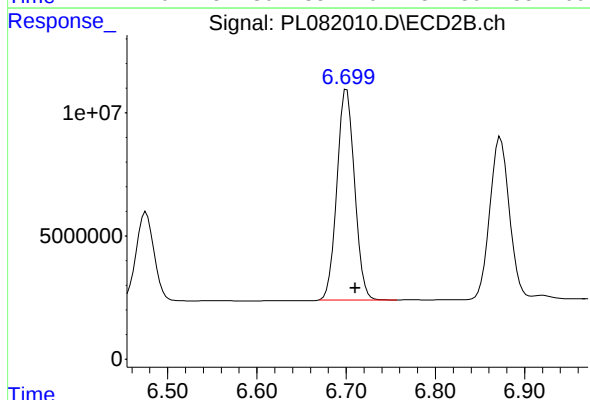
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 114773889
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

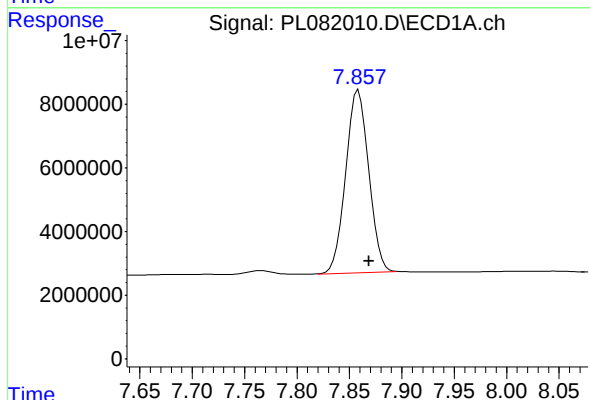
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2023
Supervised By :Ankita Jodhani 04/13/2023



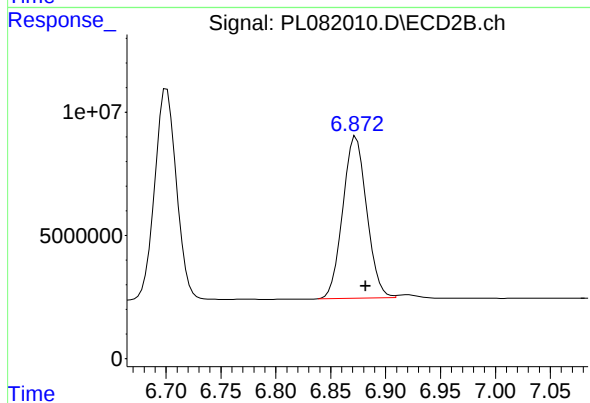
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 117682789
Conc: 55.07 ng/ml



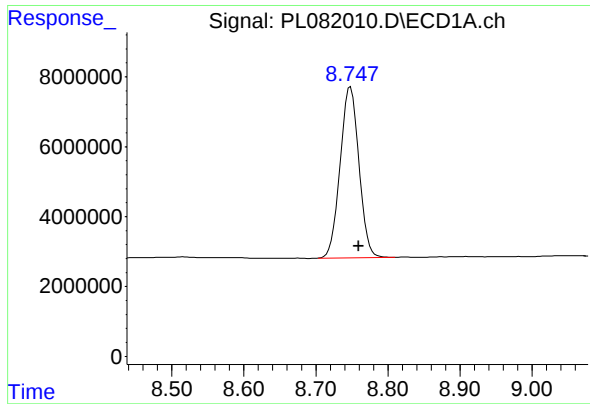
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.011 min
Response: 88439221
Conc: 51.62 ng/ml m



#22 Mirex

R.T.: 6.872 min
Delta R.T.: -0.010 min
Response: 99569833
Conc: 51.87 ng/ml m



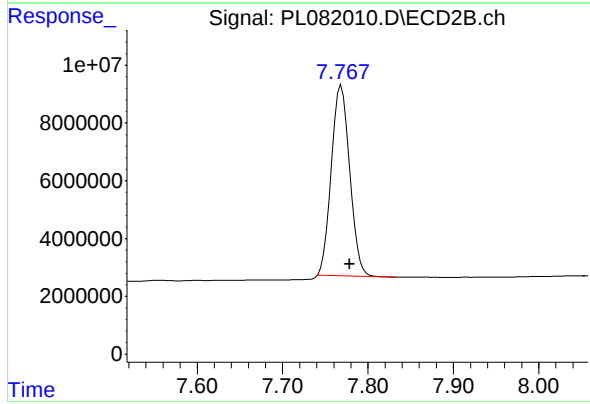
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: -0.012 min
Response: 88539439
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/13/2023
Supervised By :Ankita Jodhani 04/13/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.010 min
Response: 98688089
Conc: 49.76 ng/ml