

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041223\
 Data File : PL082006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Apr 2023 09:13
 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 22:05:04 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...	3.334	2.650	129.5E6	106.5E6	55.682	53.376
28)	SA Decachlor...	8.761	7.772	89237427	101.1E6	49.863	50.961
Target Compounds							
2)	A alpha-BHC	3.784	3.149	197.4E6	154.6E6	57.566	53.037
3)	MA gamma-BHC...	4.113	3.477	181.7E6	143.6E6	57.201	51.569
4)	MA Heptachlor	4.693	3.810	170.9E6	147.0E6	54.228	51.282
5)	MB Aldrin	5.030	4.088	157.6E6	137.9E6	55.104	51.757
6)	B beta-BHC	4.316	3.777	78329718	61219173	52.043	51.402
7)	B delta-BHC	4.558	4.004	175.9E6	138.2E6	57.889	53.431
8)	B Heptachlo...	5.455	4.591	147.0E6	126.6E6	54.051	52.112
9)	A Endosulfan I	5.837	4.959	130.5E6	113.0E6	52.828	51.184
10)	B gamma-Chl...	5.711	4.840	142.9E6	126.3E6	54.446	51.971
11)	B alpha-Chl...	5.789	4.903	140.4E6	125.5E6	54.242	51.667
12)	B 4,4'-DDE	5.967	5.094	123.8E6	107.0E6	54.947	54.326
13)	MA Dieldrin	6.112	5.224	131.7E6	118.0E6	54.396	52.473
14)	MA Endrin	6.338	5.498	112.7E6	104.2E6	53.303	51.481
15)	B Endosulfa...	6.561	5.793	108.1E6	98722549	50.927	54.421m
16)	A 4,4'-DDD	6.482	5.649	102.5E6	88003091	56.862	57.991
17)	MA 4,4'-DDT	6.794	5.899	100.8E6	85885242	49.640	49.839
18)	B Endrin al...	6.690	5.975	87913905	79550964	53.733	51.225
19)	B Endosulfa...	6.925	6.199	112.3E6	100.4E6	53.867	51.605
20)	A Methoxychlor	7.275	6.479	52281292	48091626	48.548	48.283
21)	B Endrin ke...	7.404	6.704	115.5E6	115.3E6	55.152	53.957
22)	Mirex	7.869	6.876	89432426	96598714	52.200	50.319

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041223\
Data File : PL082006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Apr 2023 09:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

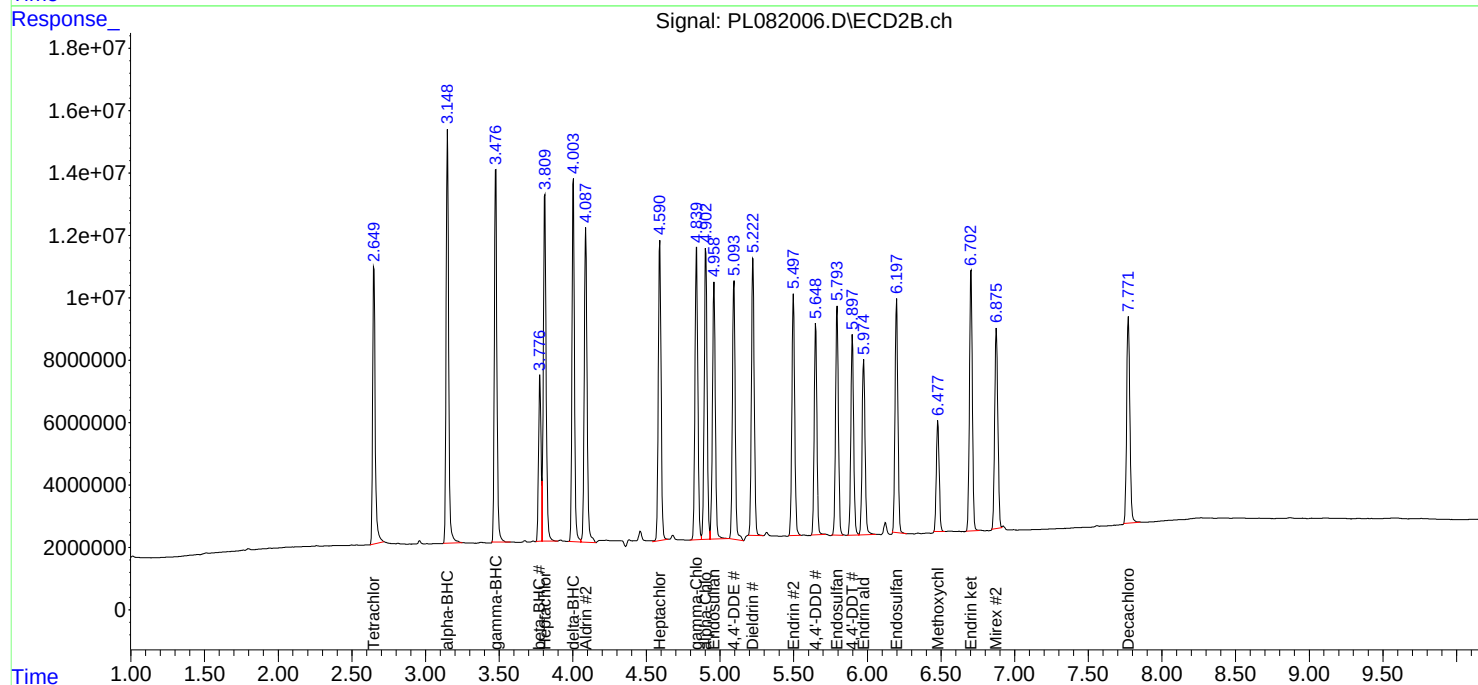
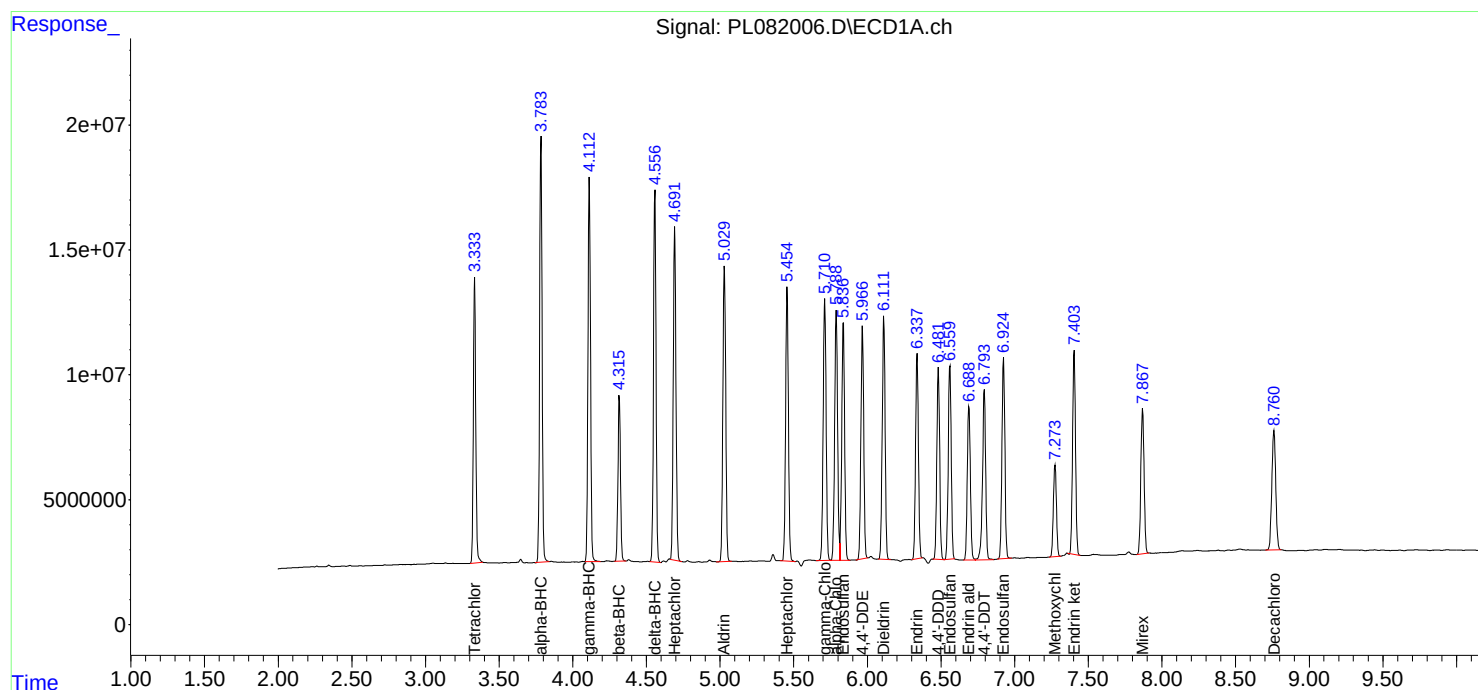
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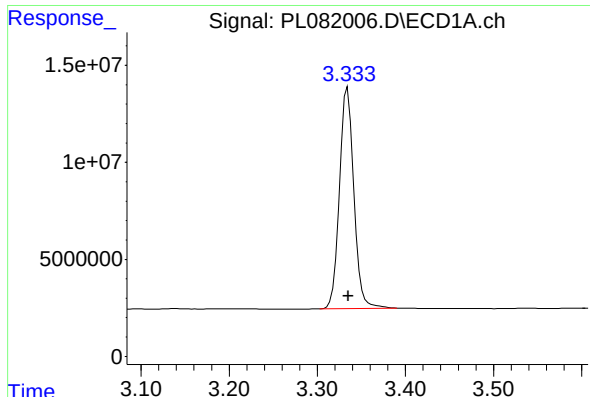
Reviewed By :Abdul Mirza 04/13/2023

Supervised By :Ankita Jodhani 04/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 22:05:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





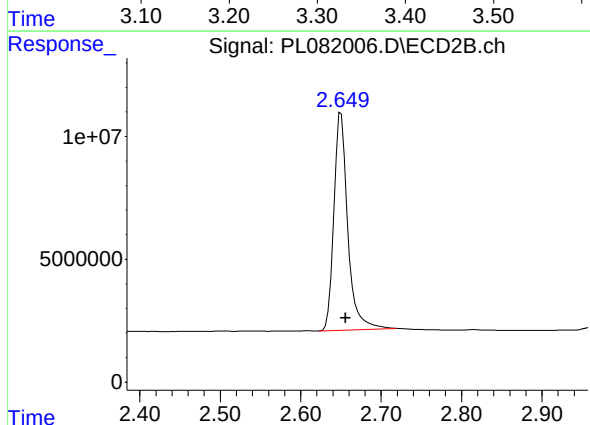
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 129510598
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

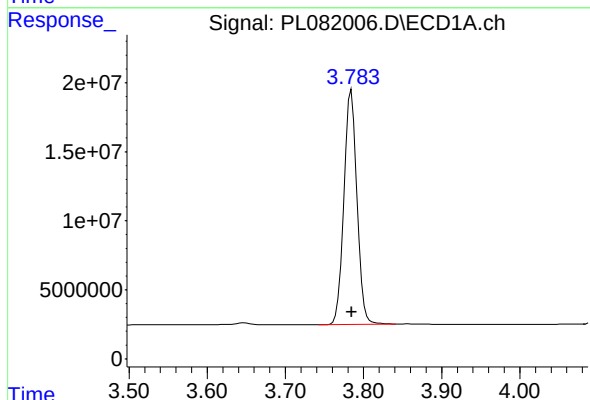
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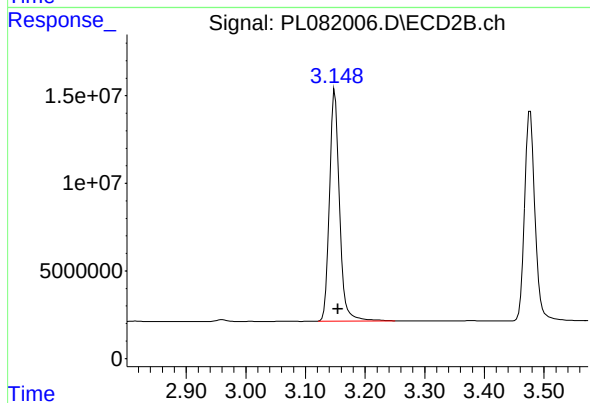
#1 Tetrachloro-m-xylene

R.T.: 2.650 min
Delta R.T.: -0.006 min
Response: 106546133
Conc: 53.38 ng/ml



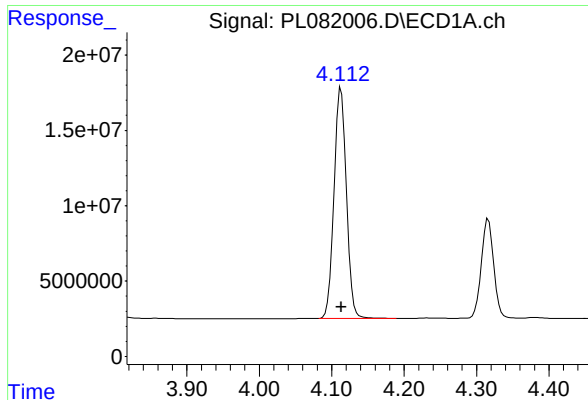
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 197356907
Conc: 57.57 ng/ml



#2 alpha-BHC

R.T.: 3.149 min
Delta R.T.: -0.005 min
Response: 154601658
Conc: 53.04 ng/ml



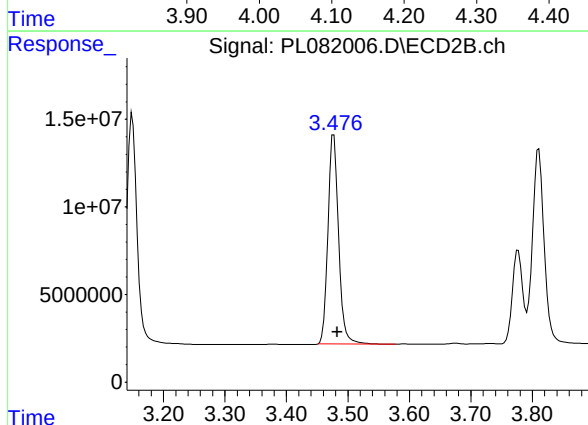
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: 0.000 min
Response: 181716558
Conc: 57.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

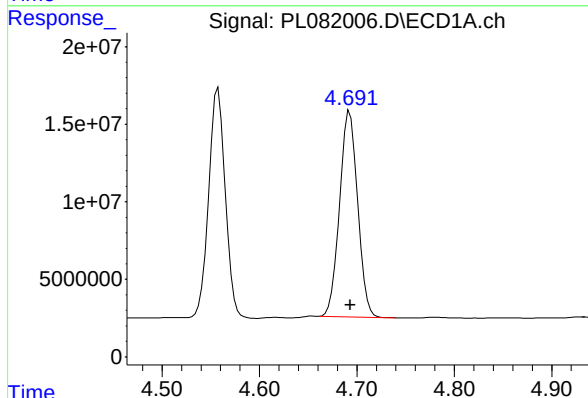
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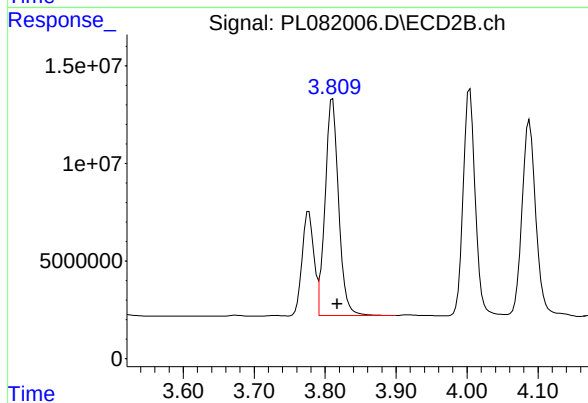
#3 gamma-BHC (Lindane)

R.T.: 3.477 min
Delta R.T.: -0.006 min
Response: 143579460
Conc: 51.57 ng/ml



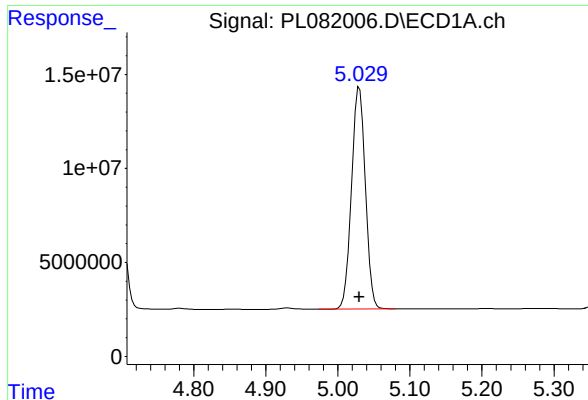
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 170936423
Conc: 54.23 ng/ml



#4 Heptachlor

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 147023987
Conc: 51.28 ng/ml



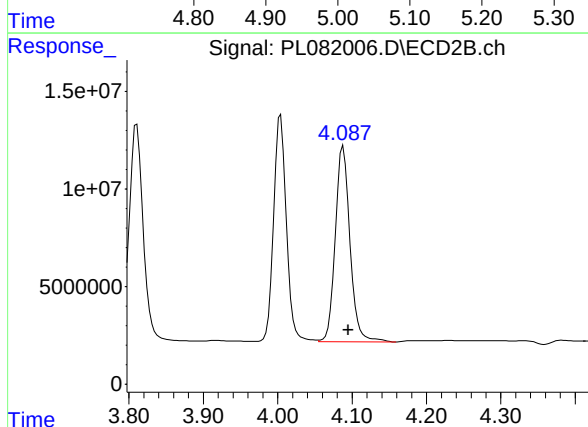
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 157612213
Conc: 55.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

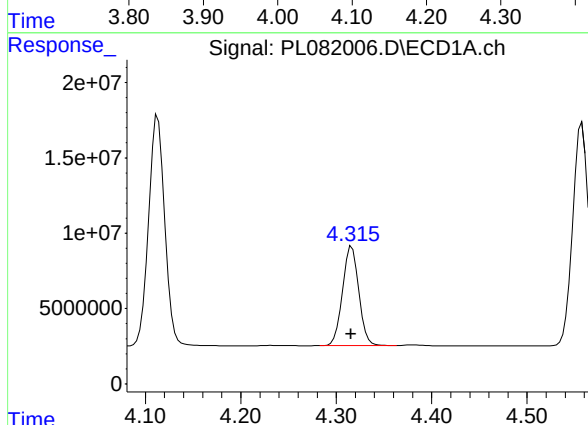
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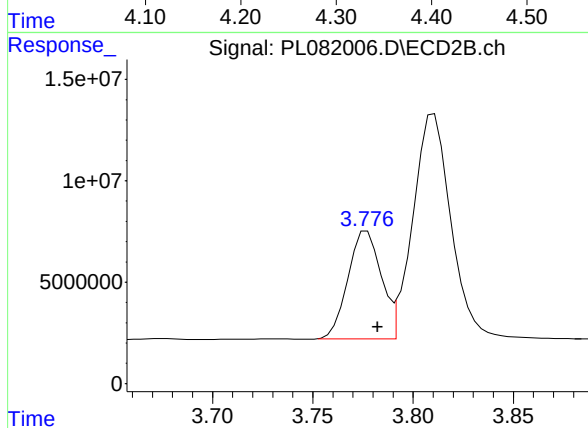
#5 Aldrin

R.T.: 4.088 min
Delta R.T.: -0.007 min
Response: 137905609
Conc: 51.76 ng/ml



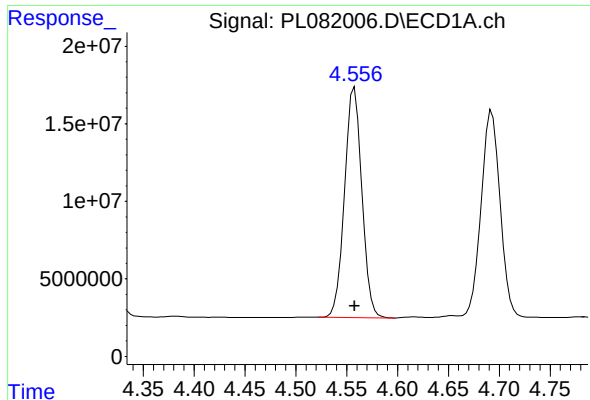
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 78329718
Conc: 52.04 ng/ml



#6 beta-BHC

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 61219173
Conc: 51.40 ng/ml



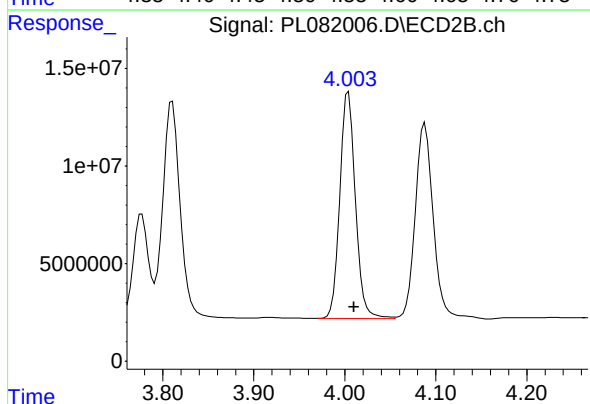
#7 delta-BHC

R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 175936219
Conc: 57.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

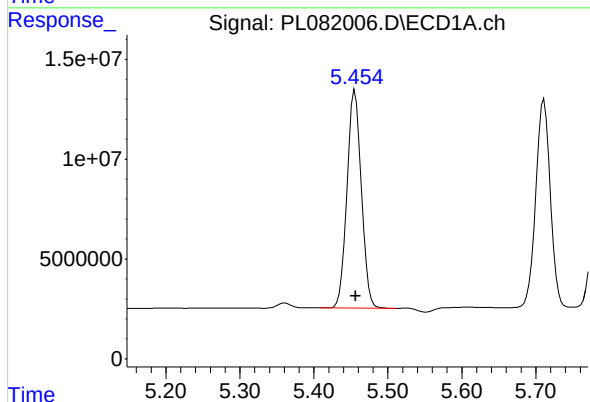
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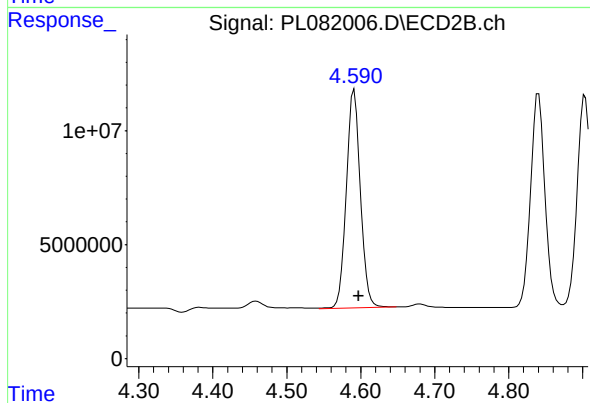
#7 delta-BHC

R.T.: 4.004 min
Delta R.T.: -0.006 min
Response: 138178537
Conc: 53.43 ng/ml



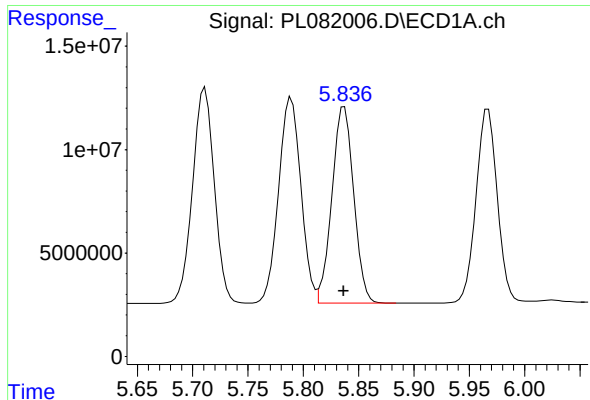
#8 Heptachlor epoxide

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 147020972
Conc: 54.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.591 min
Delta R.T.: -0.006 min
Response: 126565968
Conc: 52.11 ng/ml



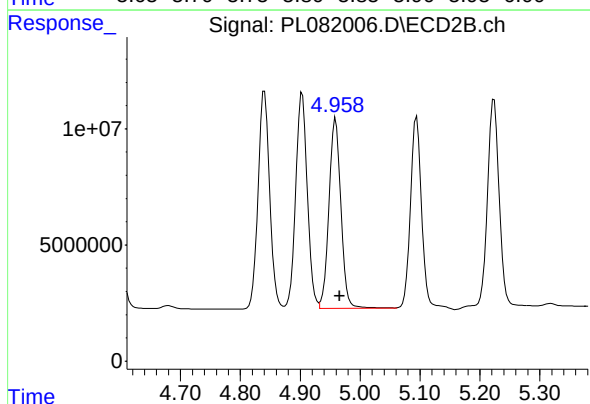
#9 Endosulfan I

R.T.: 5.837 min
Delta R.T.: 0.000 min
Response: 130528264
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

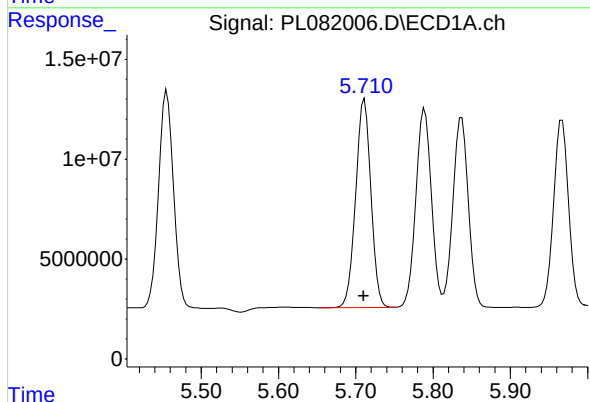
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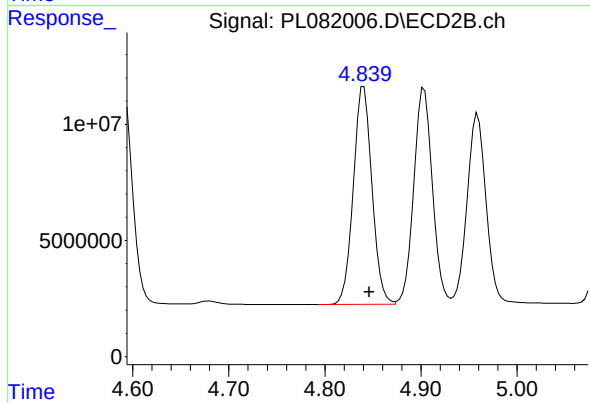
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.007 min
Response: 113000752
Conc: 51.18 ng/ml



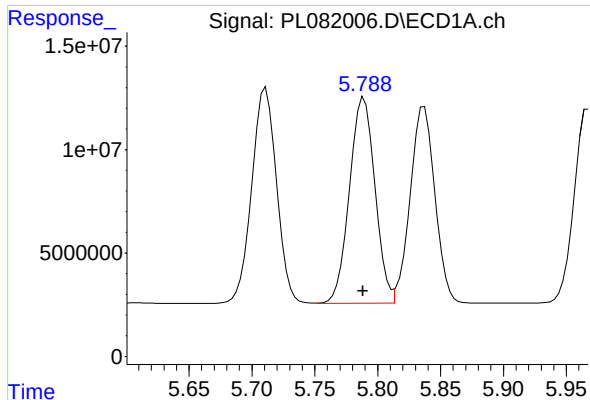
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 142932258
Conc: 54.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.840 min
Delta R.T.: -0.006 min
Response: 126309478
Conc: 51.97 ng/ml



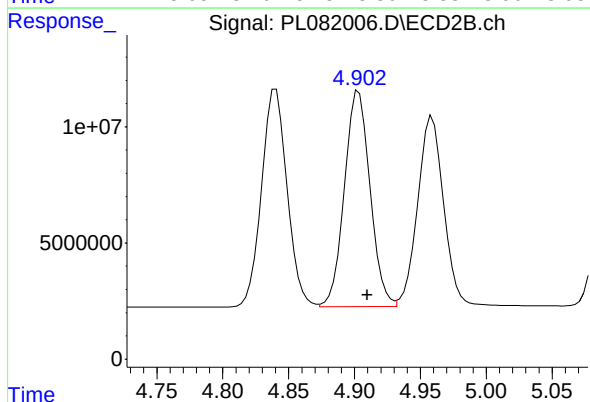
#11 alpha-Chlordane

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 140400360
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

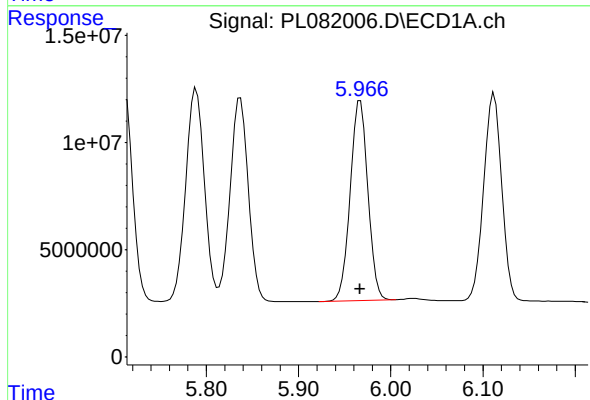
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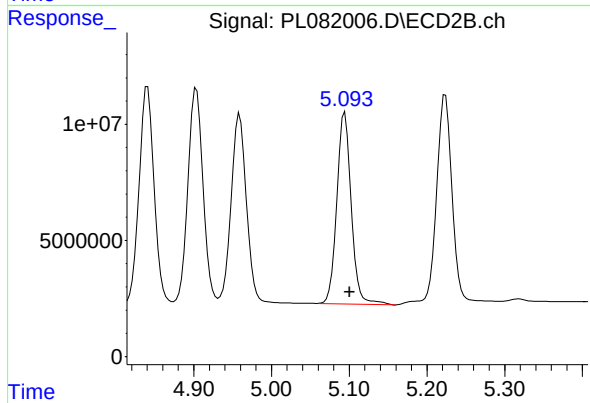
#11 alpha-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.007 min
Response: 125495854
Conc: 51.67 ng/ml



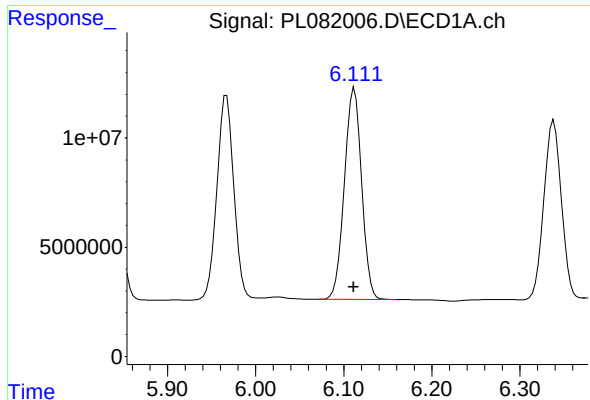
#12 4,4'-DDE

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 123831196
Conc: 54.95 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 107012062
Conc: 54.33 ng/ml



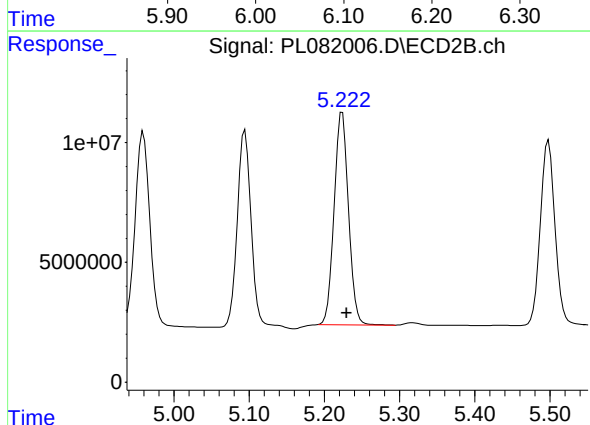
#13 Dieldrin

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 131689093
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

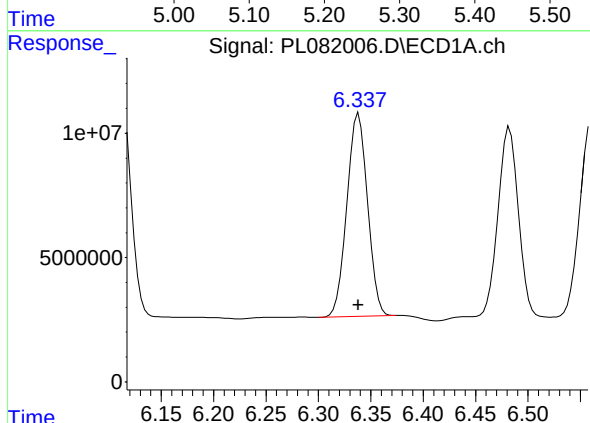
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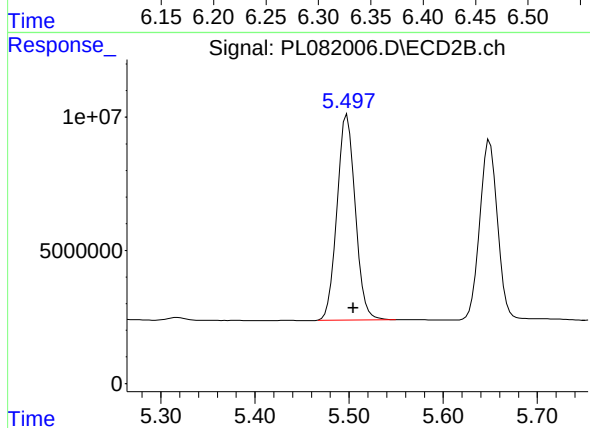
#13 Dieldrin

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 118034123
Conc: 52.47 ng/ml



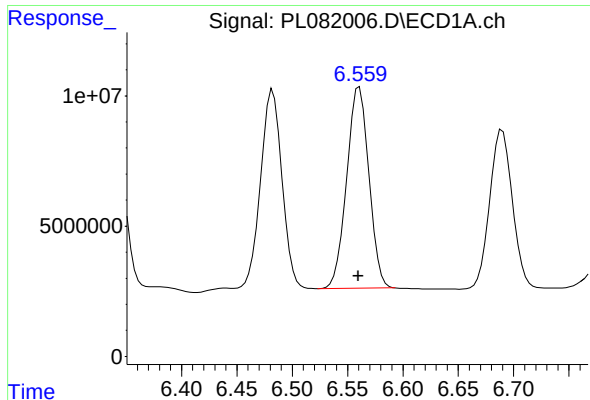
#14 Endrin

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 112748826
Conc: 53.30 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 104181883
Conc: 51.48 ng/ml



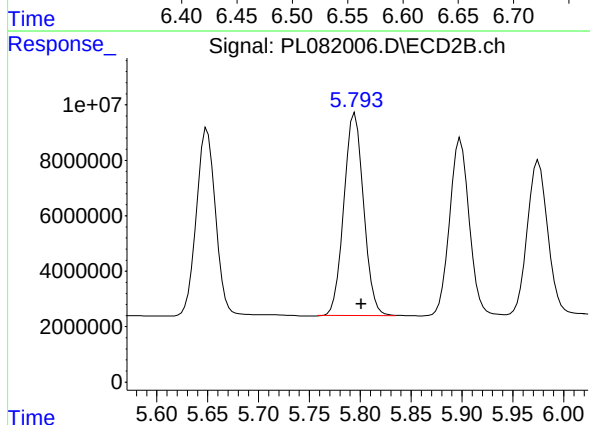
#15 Endosulfan II

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 108071883
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

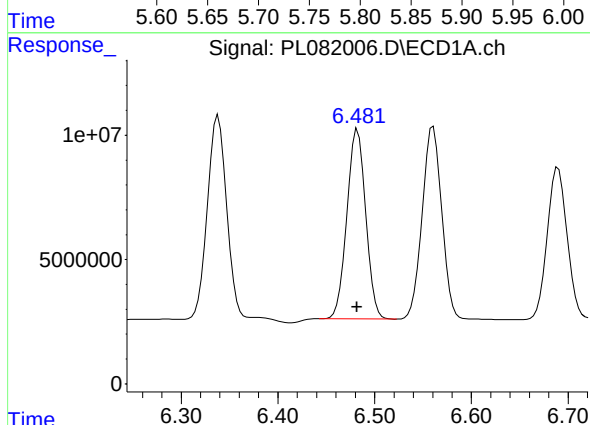
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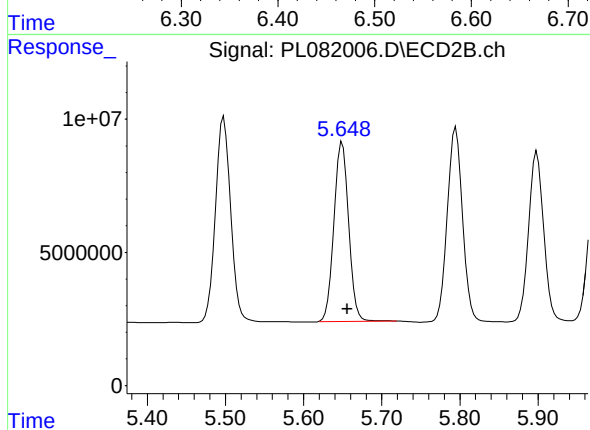
#15 Endosulfan II

R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 98722549
Conc: 54.42 ng/ml



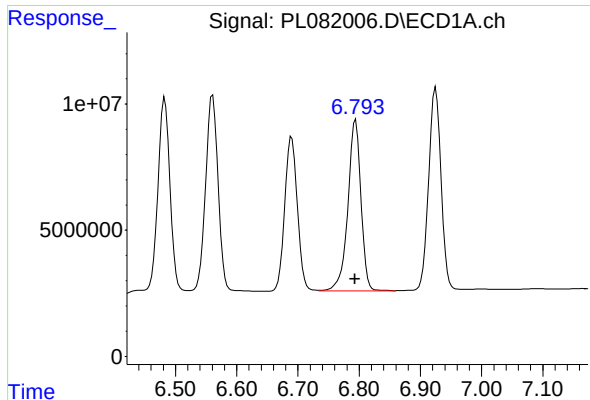
#16 4,4'-DDD

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 102549749
Conc: 56.86 ng/ml



#16 4,4'-DDD

R.T.: 5.649 min
Delta R.T.: -0.006 min
Response: 88003091
Conc: 57.99 ng/ml



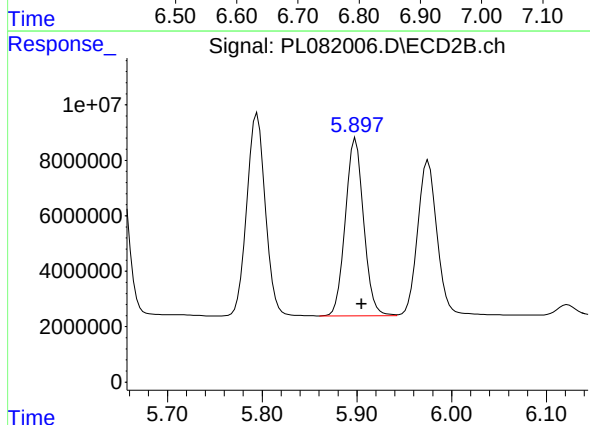
#17 4,4'-DDT

R.T.: 6.794 min
Delta R.T.: 0.001 min
Response: 100750179
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

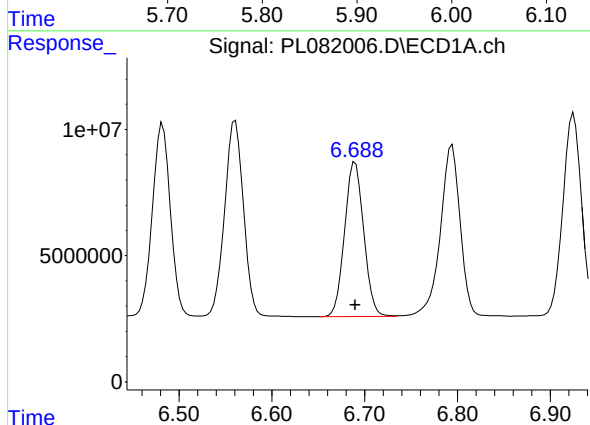
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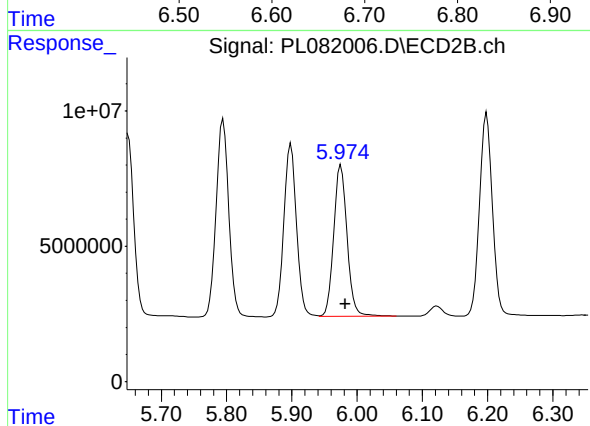
#17 4,4'-DDT

R.T.: 5.899 min
Delta R.T.: -0.006 min
Response: 85885242
Conc: 49.84 ng/ml



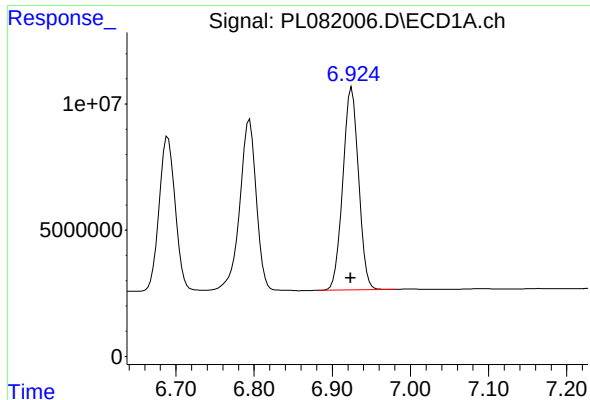
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: 0.000 min
Response: 87913905
Conc: 53.73 ng/ml



#18 Endrin aldehyde

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 79550964
Conc: 51.22 ng/ml



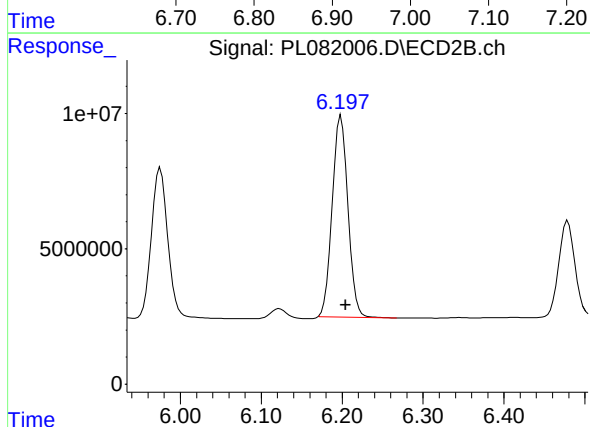
#19 Endosulfan Sulfate

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 112260326
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

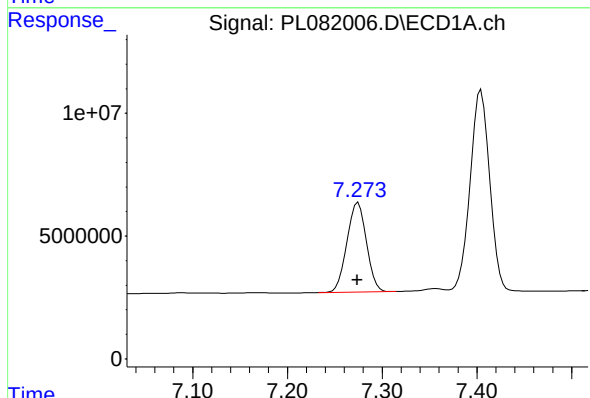
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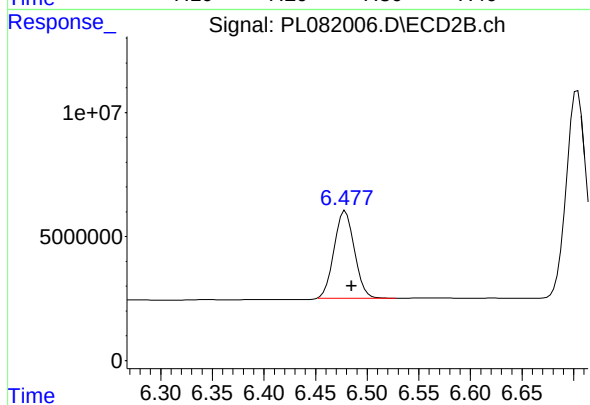
#19 Endosulfan Sulfate

R.T.: 6.199 min
Delta R.T.: -0.006 min
Response: 100407408
Conc: 51.60 ng/ml



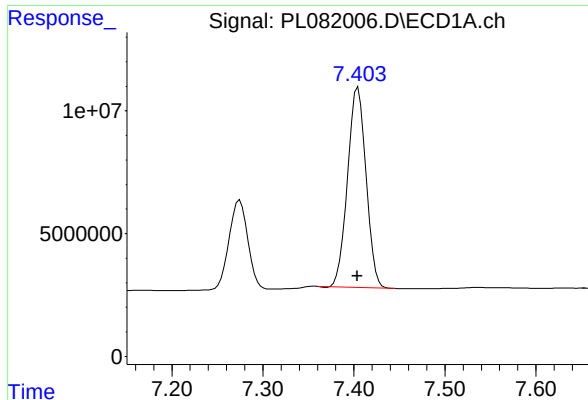
#20 Methoxychlor

R.T.: 7.275 min
Delta R.T.: 0.000 min
Response: 52281292
Conc: 48.55 ng/ml



#20 Methoxychlor

R.T.: 6.479 min
Delta R.T.: -0.006 min
Response: 48091626
Conc: 48.28 ng/ml



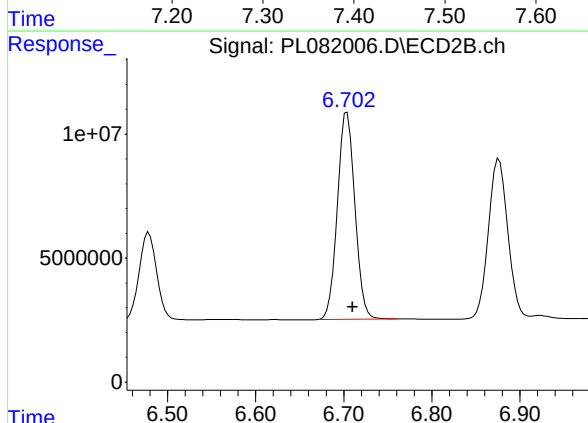
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 115524173
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

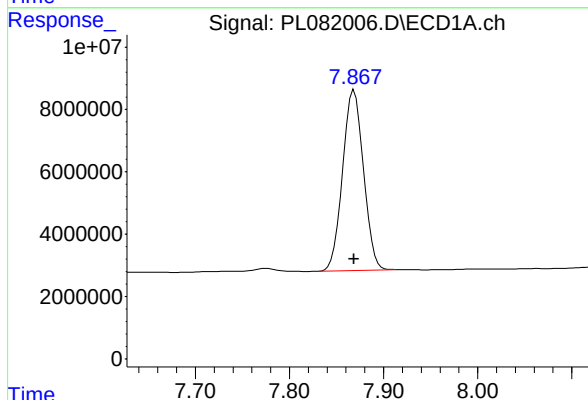
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Reviewed By :Abdul Mirza 04/13/2023
Supervised By :Ankita Jodhani 04/13/2023



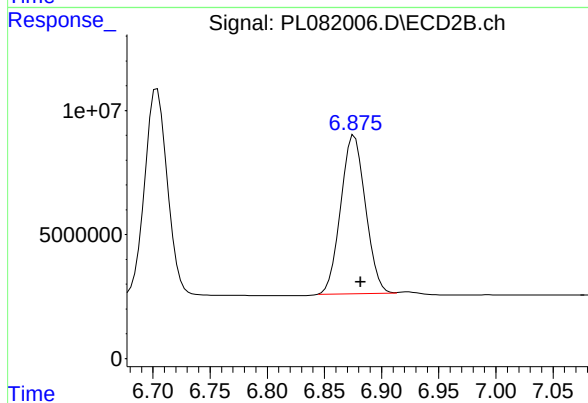
#21 Endrin ketone

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 115305330
Conc: 53.96 ng/ml



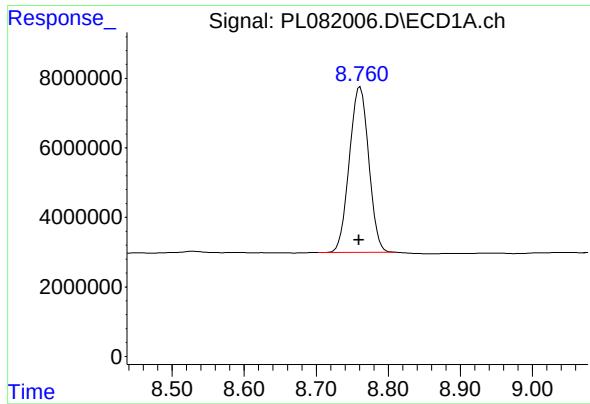
#22 Mirex

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 89432426
Conc: 52.20 ng/ml



#22 Mirex

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 96598714
Conc: 50.32 ng/ml



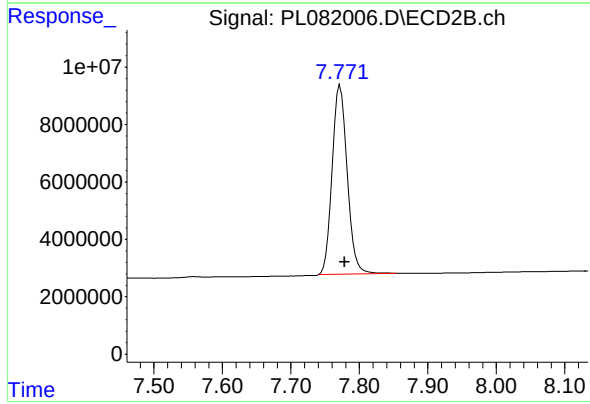
#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: 0.001 min
Response: 89237427
Conc: 49.86 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.: 7.772 min
Delta R.T.: -0.007 min
Response: 101068328
Conc: 50.96 ng/ml