

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
 Data File : PL093982.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2025 12:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:39:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.774	146.9E6	177.9E6	54.552	54.494
28)	SA Decachlor...	9.061	7.913	101.7E6	163.7E6	48.627	46.730
Target Compounds							
2)	A alpha-BHC	4.000	3.277	212.8E6	269.2E6	55.514	55.069
3)	MA gamma-BHC...	4.333	3.608	203.9E6	249.1E6	55.372	52.548
4)	MA Heptachlor	4.921	3.946	180.9E6	250.4E6	55.190	53.789
5)	MB Aldrin	5.262	4.225	178.5E6	249.5E6	54.548	54.702
6)	B beta-BHC	4.531	3.908	85387330	107.6E6	53.124	53.882
7)	B delta-BHC	4.778	4.136	181.6E6	264.8E6	51.806	55.727
8)	B Heptachlo...	5.688	4.728	142.9E6	223.9E6	48.036	53.569
9)	A Endosulfan I	6.074	5.098	138.9E6	194.8E6	52.558	50.246
10)	B gamma-Chl...	5.945	4.978	146.4E6	233.5E6	52.528	55.111
11)	B alpha-Chl...	6.023	5.042	148.4E6	229.4E6	53.227	54.800
12)	B 4,4'-DDE	6.197	5.231	138.8E6	232.8E6	57.020	58.072
13)	MA Dieldrin	6.349	5.362	144.2E6	235.6E6	51.941	54.842
14)	MA Endrin	6.577	5.638	120.9E6	195.4E6	51.582m	52.921
15)	B Endosulfa...	6.799	5.933	122.0E6	197.1E6	50.638	53.206
16)	A 4,4'-DDD	6.714	5.786	102.5E6	182.7E6	53.914m	57.883
17)	MA 4,4'-DDT	7.028	6.036	108.1E6	187.3E6	54.799	57.555
18)	B Endrin al...	6.929	6.112	98723975	159.5E6	50.782	52.378
19)	B Endosulfa...	7.163	6.335	112.8E6	189.1E6	49.820	53.016
20)	A Methoxychlor	7.503	6.612	60104606	98726527	57.605m	55.212
21)	B Endrin ke...	7.649	6.839	124.1E6	226.2E6	49.191	53.929m
22)	Mirex	8.122	7.020	96933646	158.9E6	46.547	46.980

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
Data File : PL093982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2025 12:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

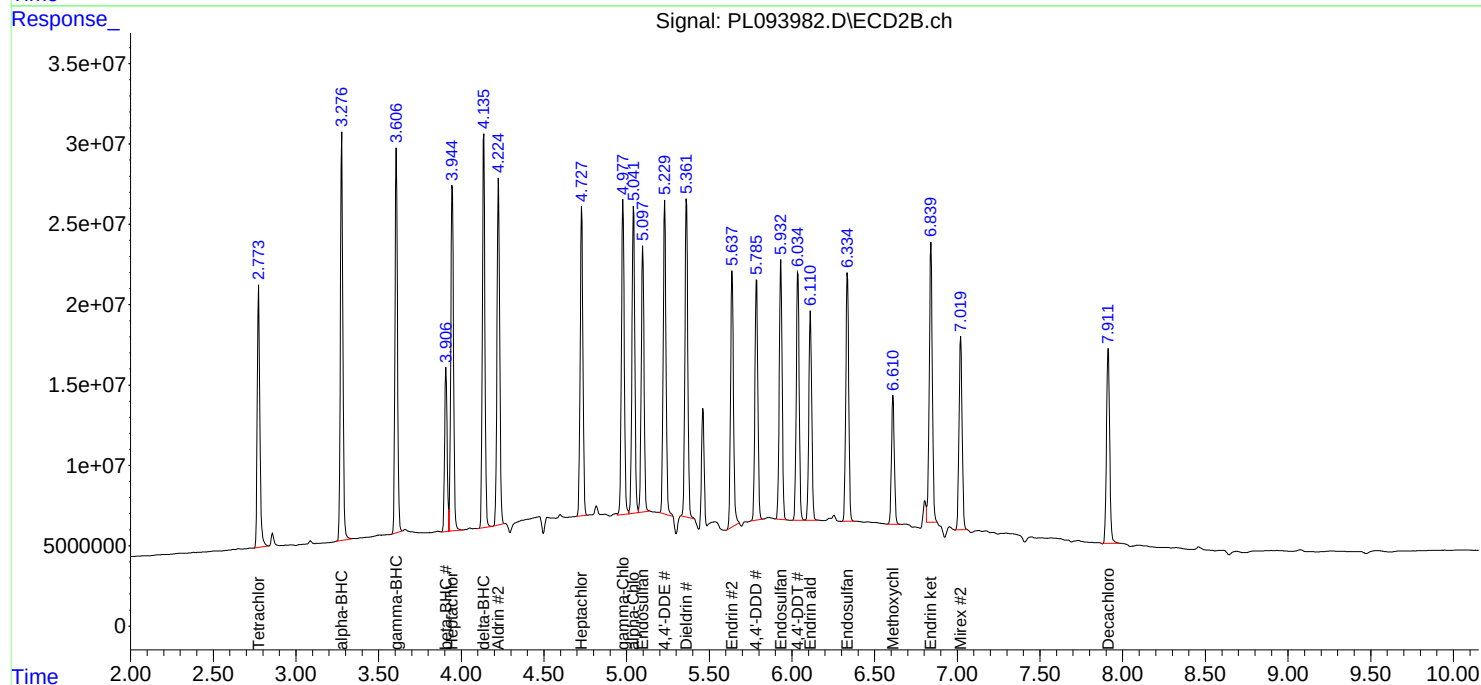
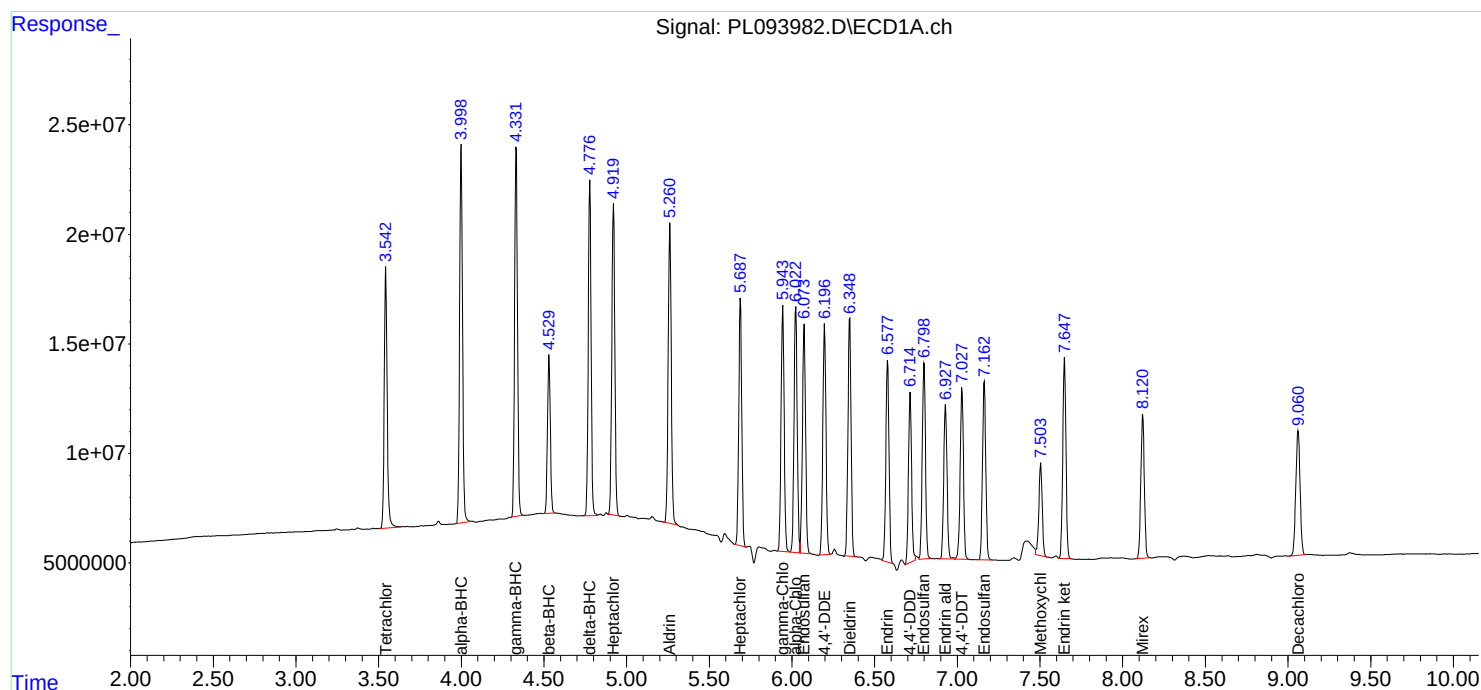
APPROVED

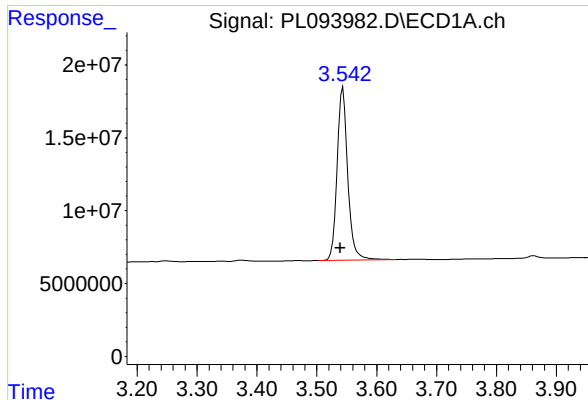
Reviewed By :Abdul Mirza 02/04/2025

Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 00:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





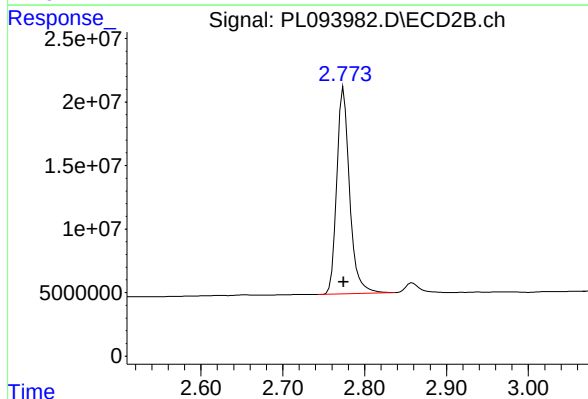
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.005 min
Response: 146894219
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

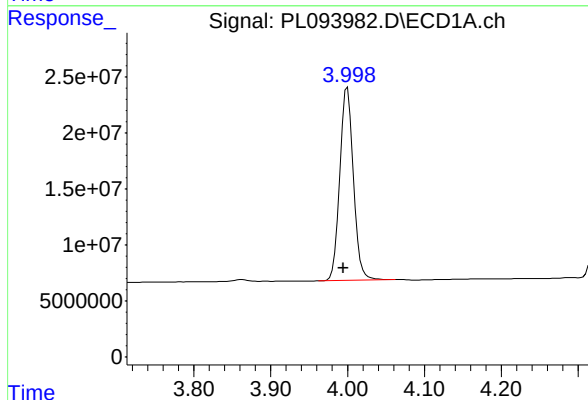
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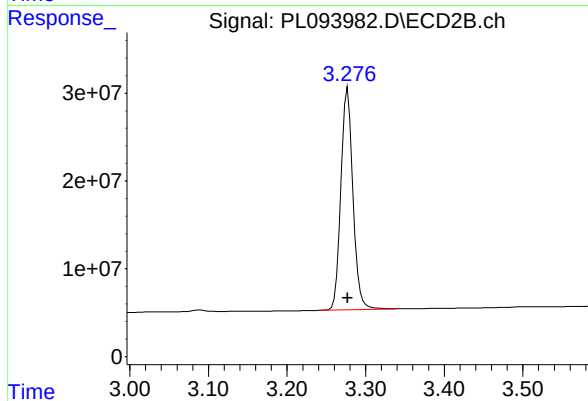
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 177875768
Conc: 54.49 ng/ml



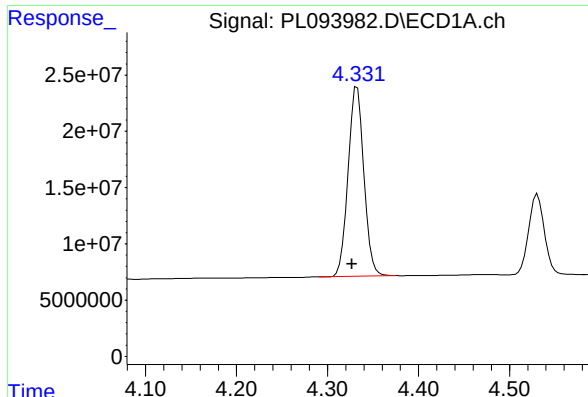
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.005 min
Response: 212831729
Conc: 55.51 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 269231331
Conc: 55.07 ng/ml



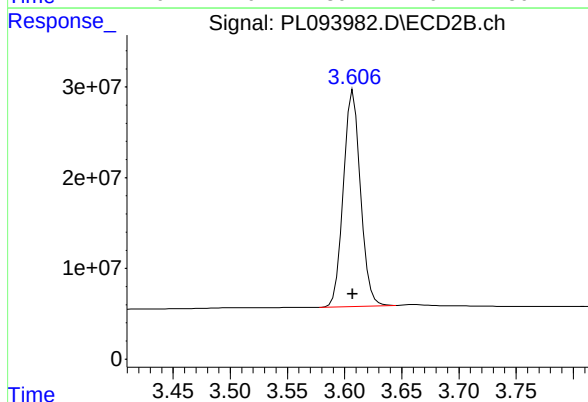
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.006 min
Response: 203927314
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

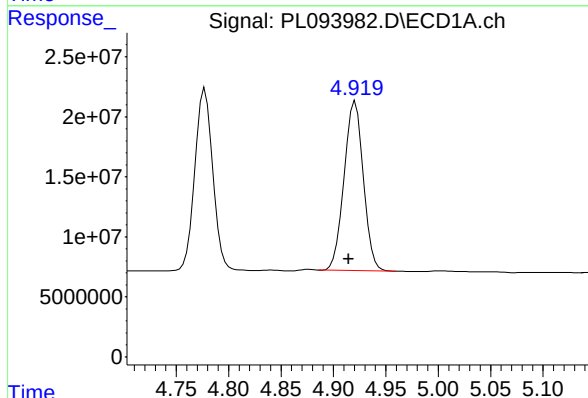
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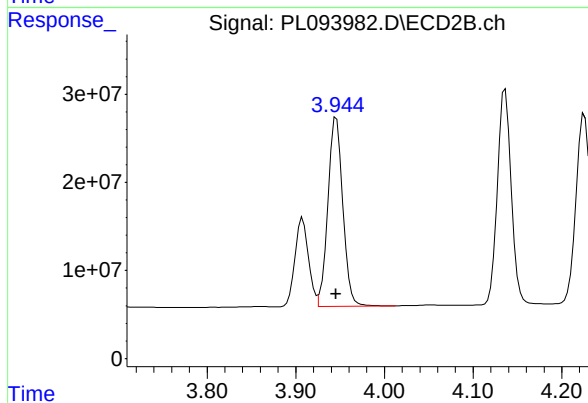
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 249142751
Conc: 52.55 ng/ml



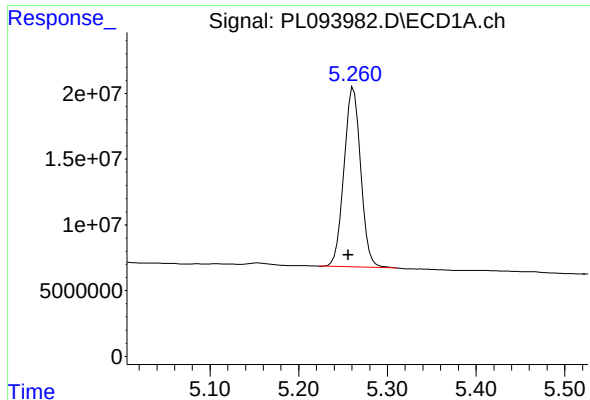
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.006 min
Response: 180875120
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 250377230
Conc: 53.79 ng/ml



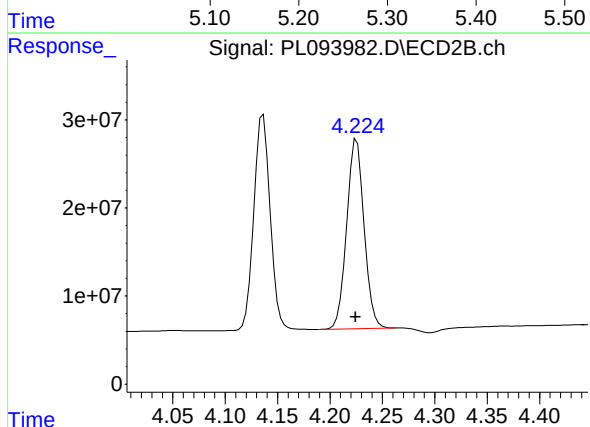
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.006 min
Response: 178478049
Conc: 54.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

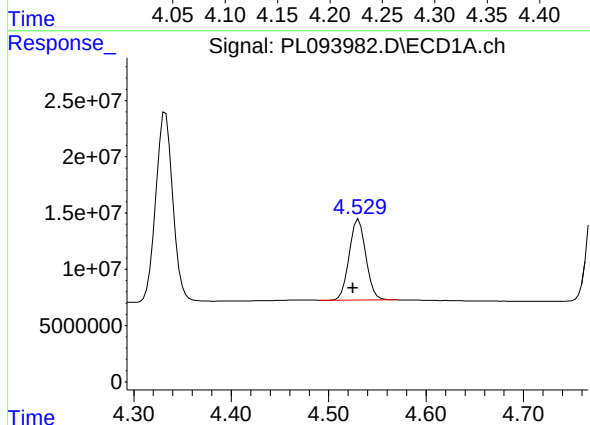
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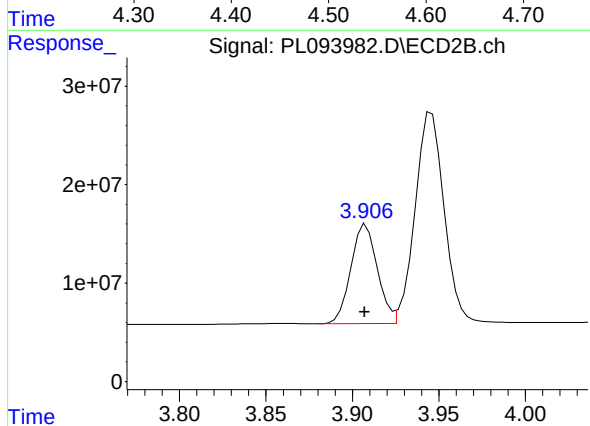
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 249540751
Conc: 54.70 ng/ml



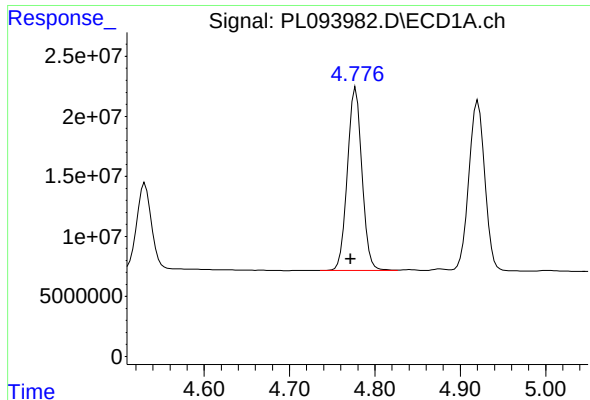
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 85387330
Conc: 53.12 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 107625365
Conc: 53.88 ng/ml



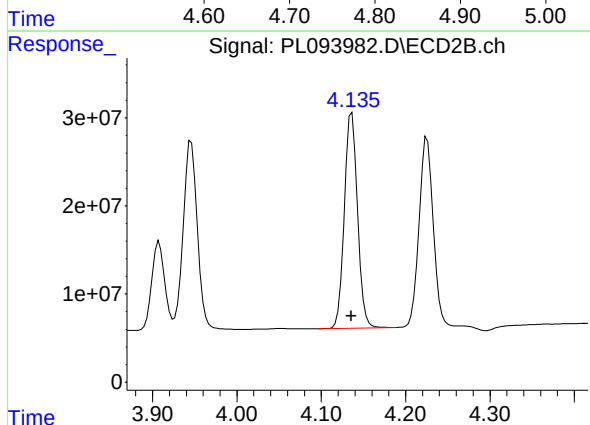
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.006 min
Response: 181595678
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

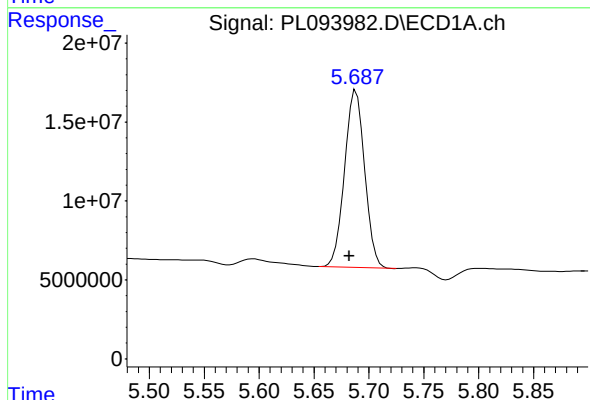
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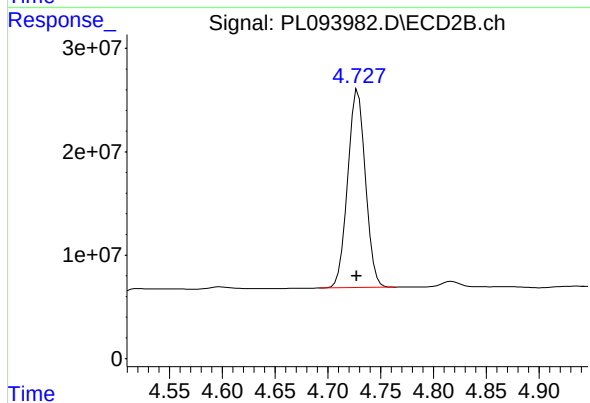
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 264770967
Conc: 55.73 ng/ml



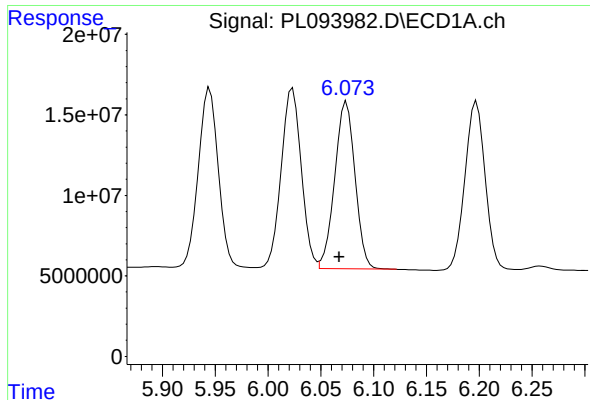
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.006 min
Response: 142851941
Conc: 48.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.001 min
Response: 223934146
Conc: 53.57 ng/ml



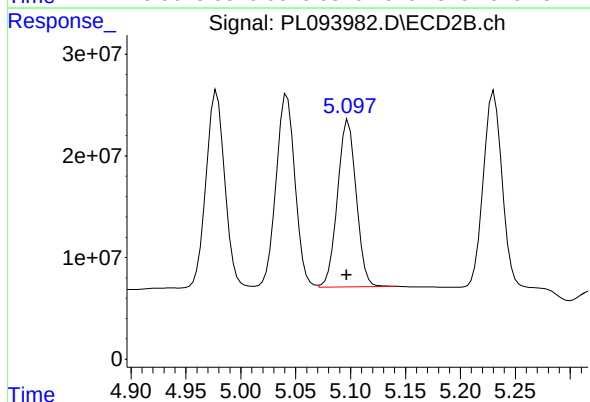
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.007 min
Response: 138902829
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

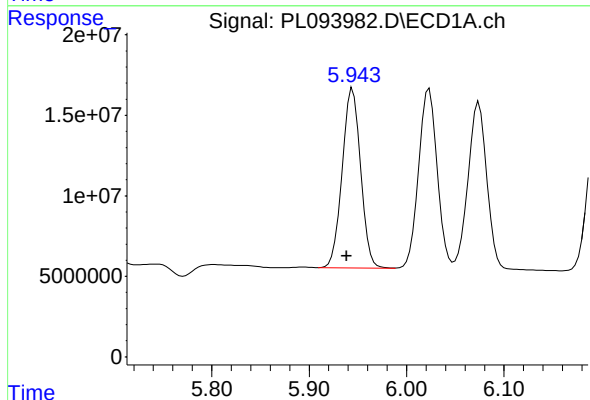
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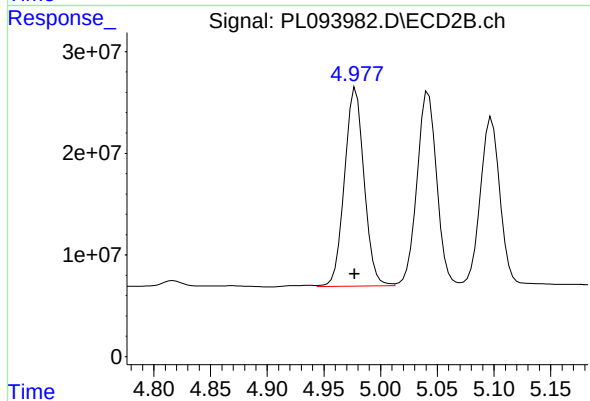
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 194797579
Conc: 50.25 ng/ml



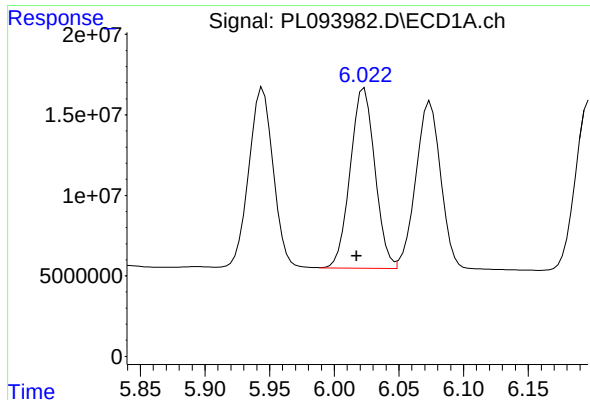
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.006 min
Response: 146416115
Conc: 52.53 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 233538932
Conc: 55.11 ng/ml



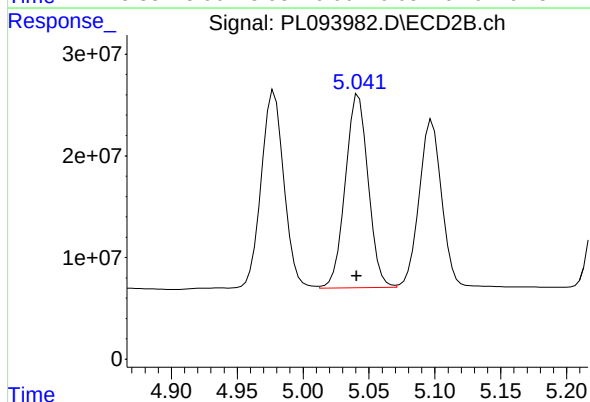
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.006 min
Response: 148419365
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

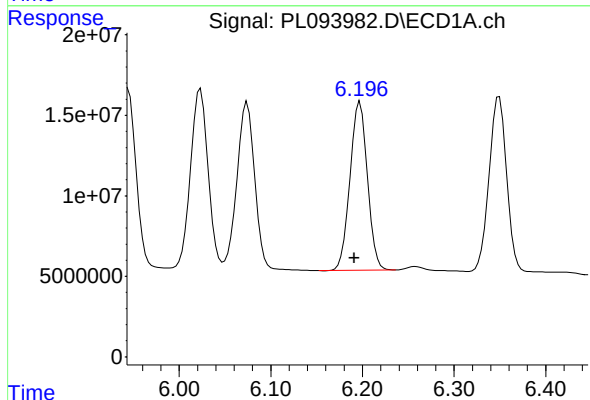
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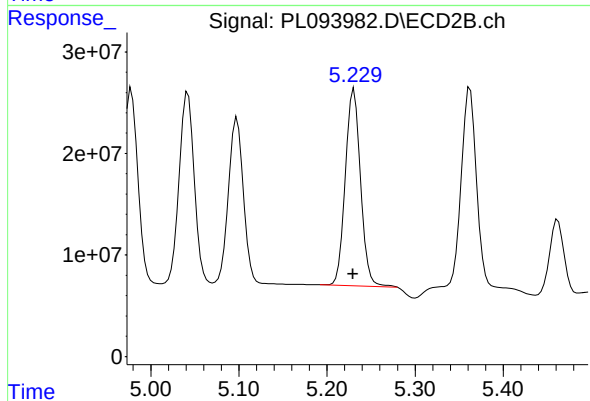
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.002 min
Response: 229424394
Conc: 54.80 ng/ml



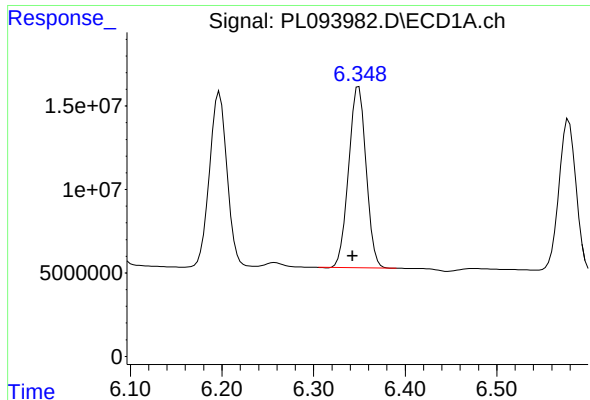
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.006 min
Response: 138820228
Conc: 57.02 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 232839635
Conc: 58.07 ng/ml



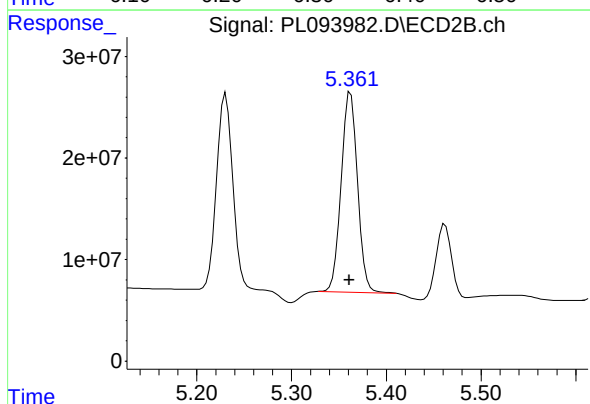
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.007 min
Response: 144181191
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

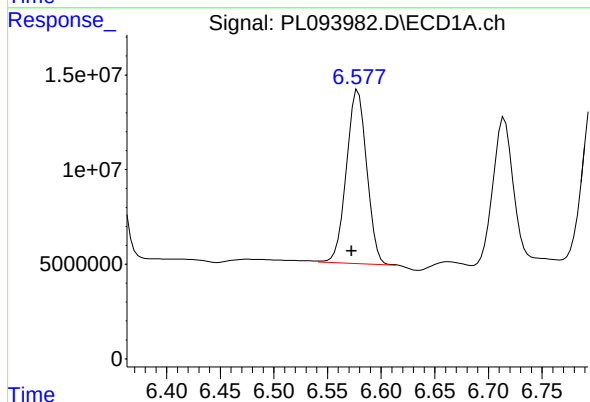
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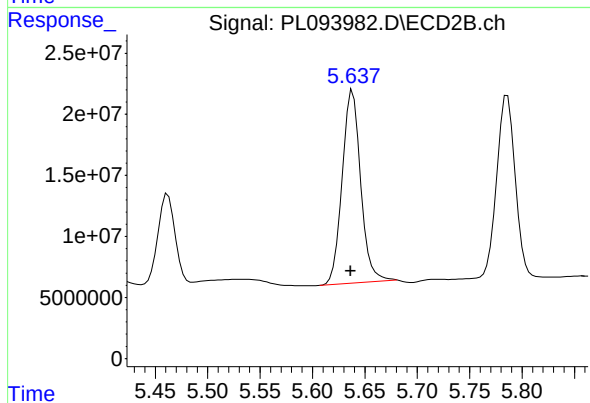
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 235581598
Conc: 54.84 ng/ml



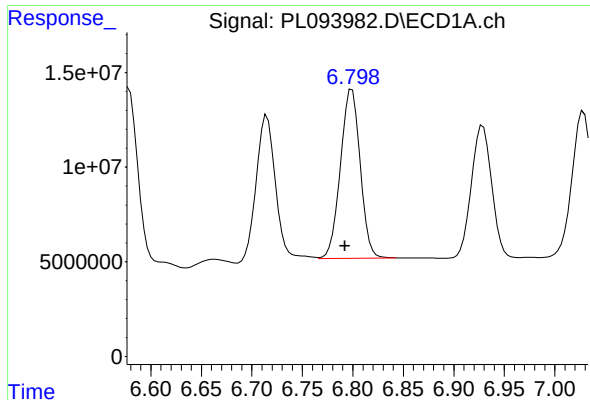
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.005 min
Response: 120949751
Conc: 51.58 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 195418649
Conc: 52.92 ng/ml



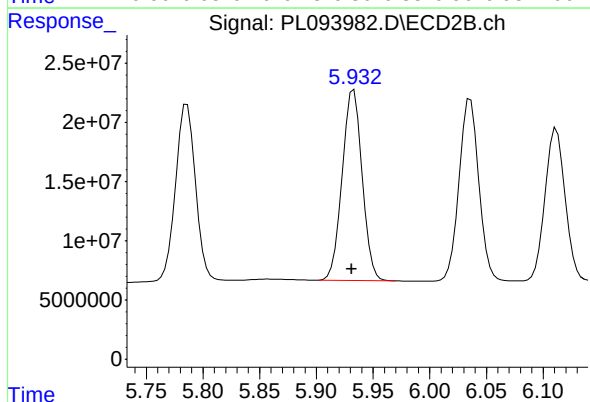
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.007 min
Response: 122005951
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

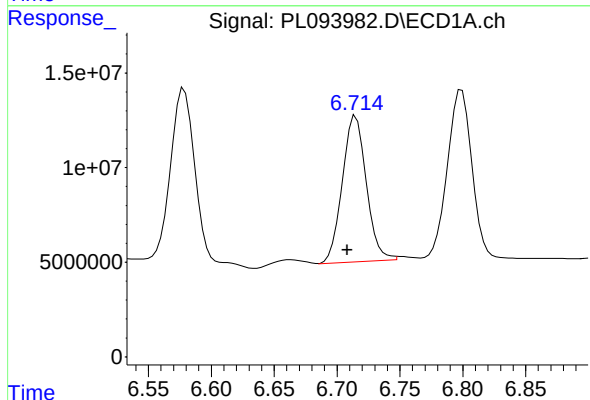
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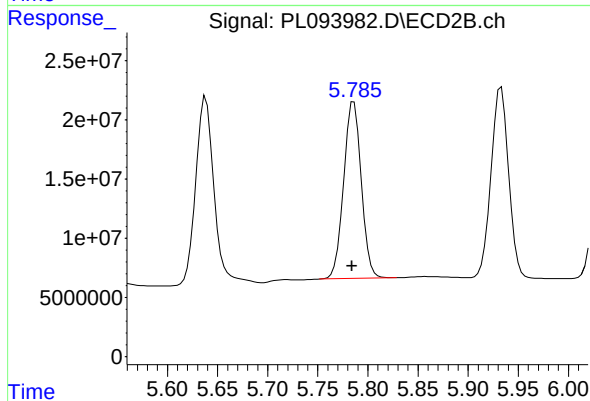
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.002 min
Response: 197064822
Conc: 53.21 ng/ml



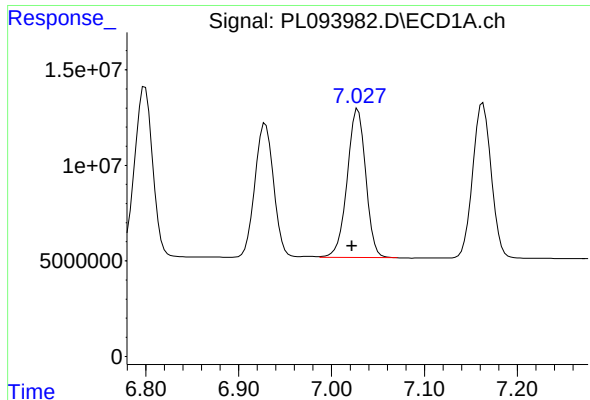
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.005 min
Response: 102466740
Conc: 53.91 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.002 min
Response: 182709098
Conc: 57.88 ng/ml



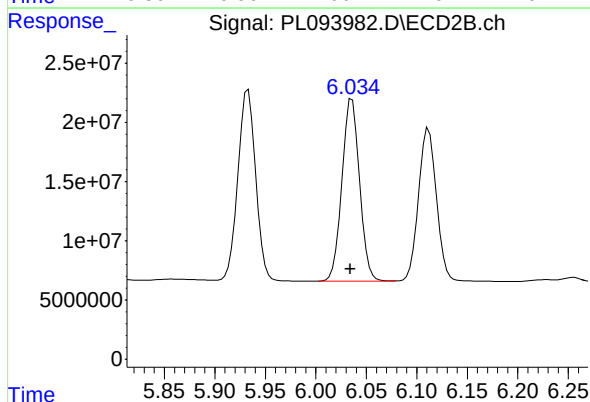
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.006 min
Response: 108067604
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

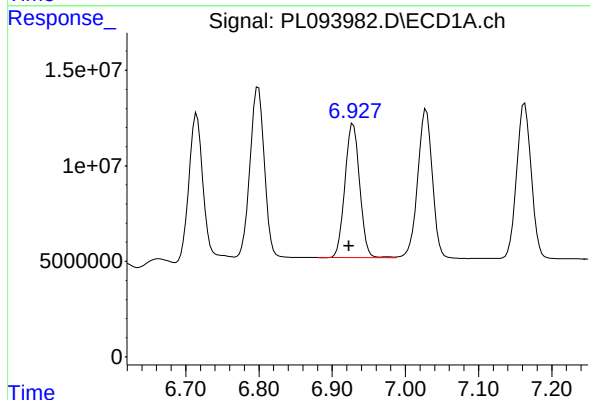
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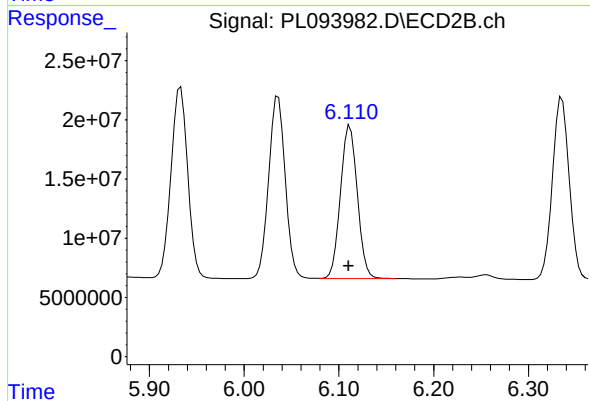
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 187287855
Conc: 57.56 ng/ml



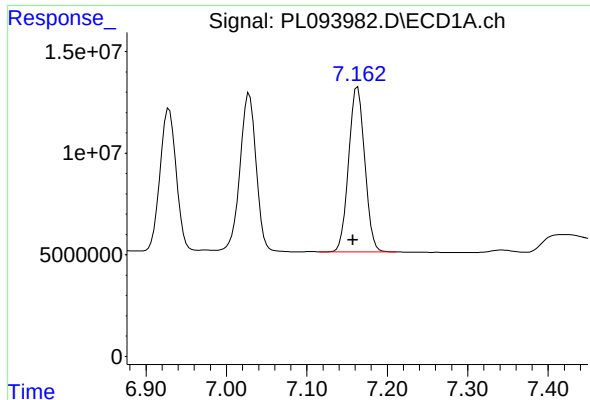
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.006 min
Response: 98723975
Conc: 50.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.001 min
Response: 159472251
Conc: 52.38 ng/ml



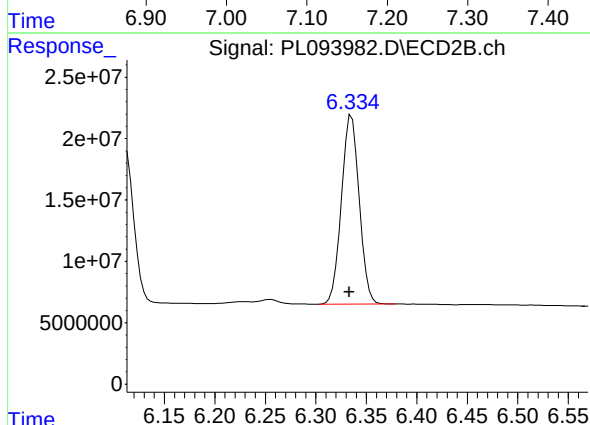
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.006 min
Response: 112779357
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

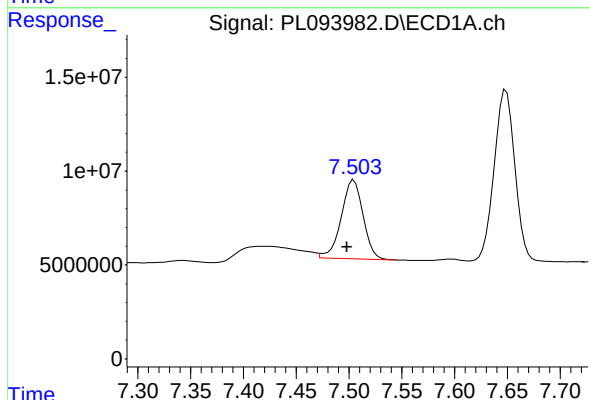
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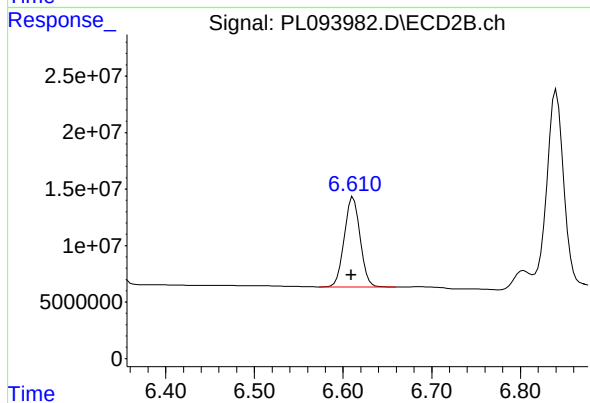
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 189059062
Conc: 53.02 ng/ml



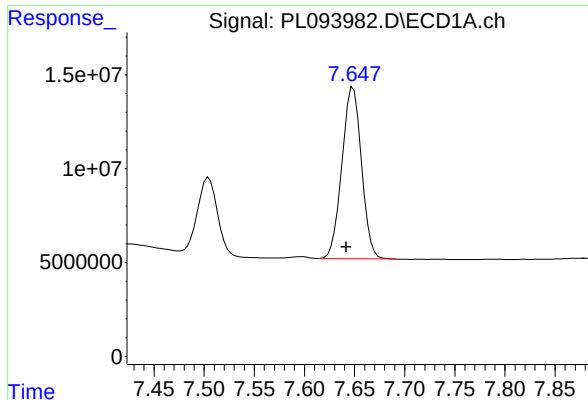
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.005 min
Response: 60104606
Conc: 57.60 ng/ml m



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 98726527
Conc: 55.21 ng/ml



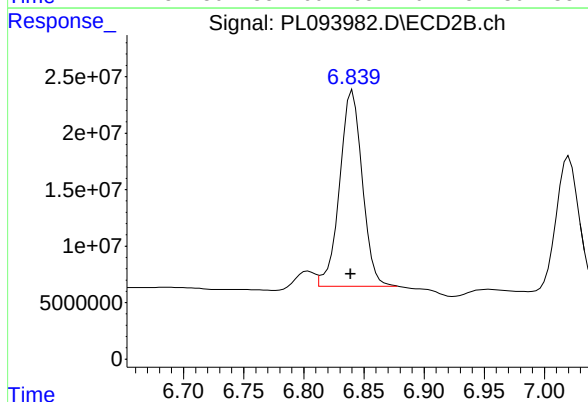
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 124090565
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

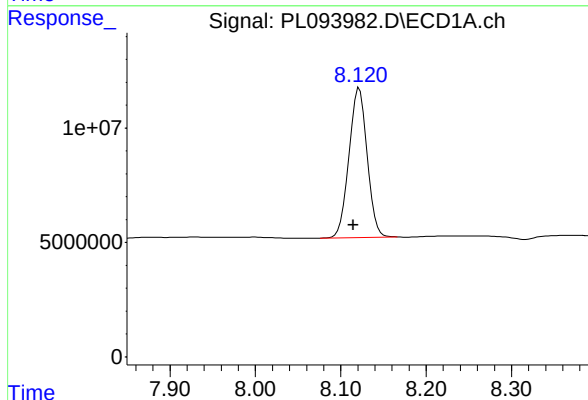
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APPROVED

Reviewed By :Abdul Mirza 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



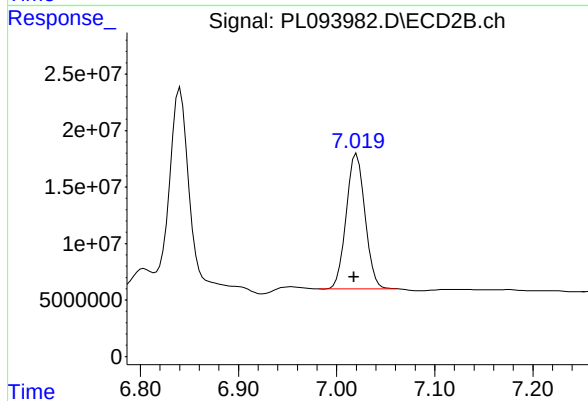
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 226245775
Conc: 53.93 ng/ml m



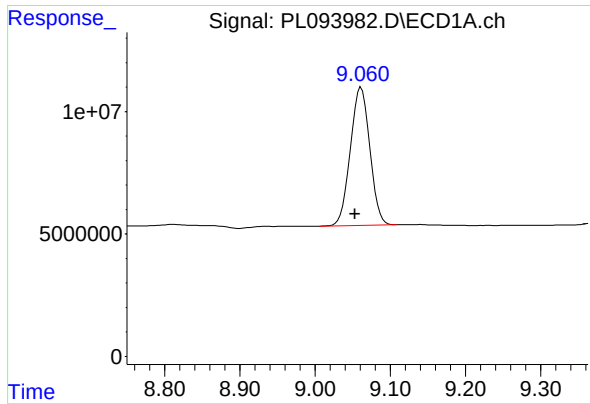
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.007 min
Response: 96933646
Conc: 46.55 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 158882308
Conc: 46.98 ng/ml



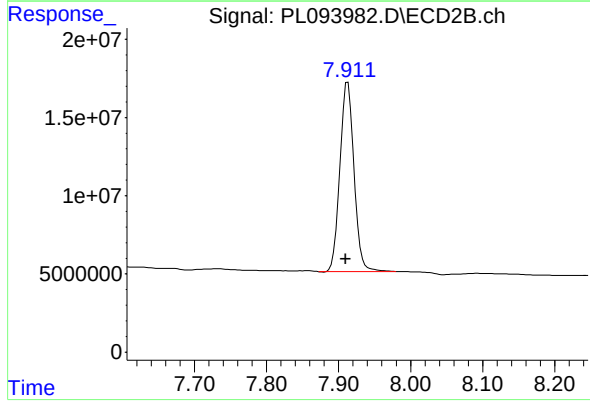
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.008 min
Response: 101723889
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.003 min
Response: 163745917
Conc: 46.73 ng/ml