

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111224\
 Data File : PL093015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2024 16:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/13/2024
 Supervised By :Ankita Jodhani 11/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:47:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 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...	3.541	2.777	118.7E6	139.5E6	48.447	51.251
28)	SA Decachlor...	9.057	7.917	82127515	114.3E6	42.674	41.882
Target Compounds							
2)	A alpha-BHC	3.997	3.280	162.3E6	211.0E6	47.860	52.885
3)	MA gamma-BHC...	4.330	3.610	155.0E6	202.9E6	47.542	52.560
4)	MA Heptachlor	4.918	3.949	138.1E6	199.3E6	45.972	52.815
5)	MB Aldrin	5.260	4.229	139.6E6	193.4E6	46.512	52.846
6)	B beta-BHC	4.527	3.910	68303059	86330597	47.253	52.441
7)	B delta-BHC	4.775	4.139	147.1E6	207.0E6	47.014	53.853
8)	B Heptachlo...	5.685	4.732	123.4E6	174.3E6	44.701m	52.166
9)	A Endosulfan I	6.072	5.101	111.9E6	142.7E6	44.738	46.741
10)	B gamma-Chl...	5.942	4.982	120.6E6	173.0E6	45.320	51.460
11)	B alpha-Chl...	6.021	5.045	119.1E6	170.2E6	44.962	51.171
12)	B 4,4'-DDE	6.195	5.235	106.1E6	168.5E6	44.798	52.302
13)	MA Dieldrin	6.347	5.366	116.2E6	171.0E6	44.082	51.195
14)	MA Endrin	6.577	5.642	98477236	151.6E6	43.255	52.414
15)	B Endosulfa...	6.796	5.935	99675569	143.9E6	41.813	50.804m
16)	A 4,4'-DDD	6.712	5.789	85864179	132.6E6	44.732	53.260
17)	MA 4,4'-DDT	7.026	6.040	90975168	134.0E6	43.955	49.954
18)	B Endrin al...	6.926	6.116	80396565	111.3E6	42.810	48.254
19)	B Endosulfa...	7.161	6.339	92168670	129.0E6	42.467	47.827
20)	A Methoxychlor	7.502	6.615	50691809	70911441	44.467	49.657
21)	B Endrin ke...	7.646	6.844	101.6E6	146.2E6	41.924	47.657
22)	Mirex	8.119	7.025	80591746	112.6E6	40.668	43.174

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111224\
Data File : PL093015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2024 16:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

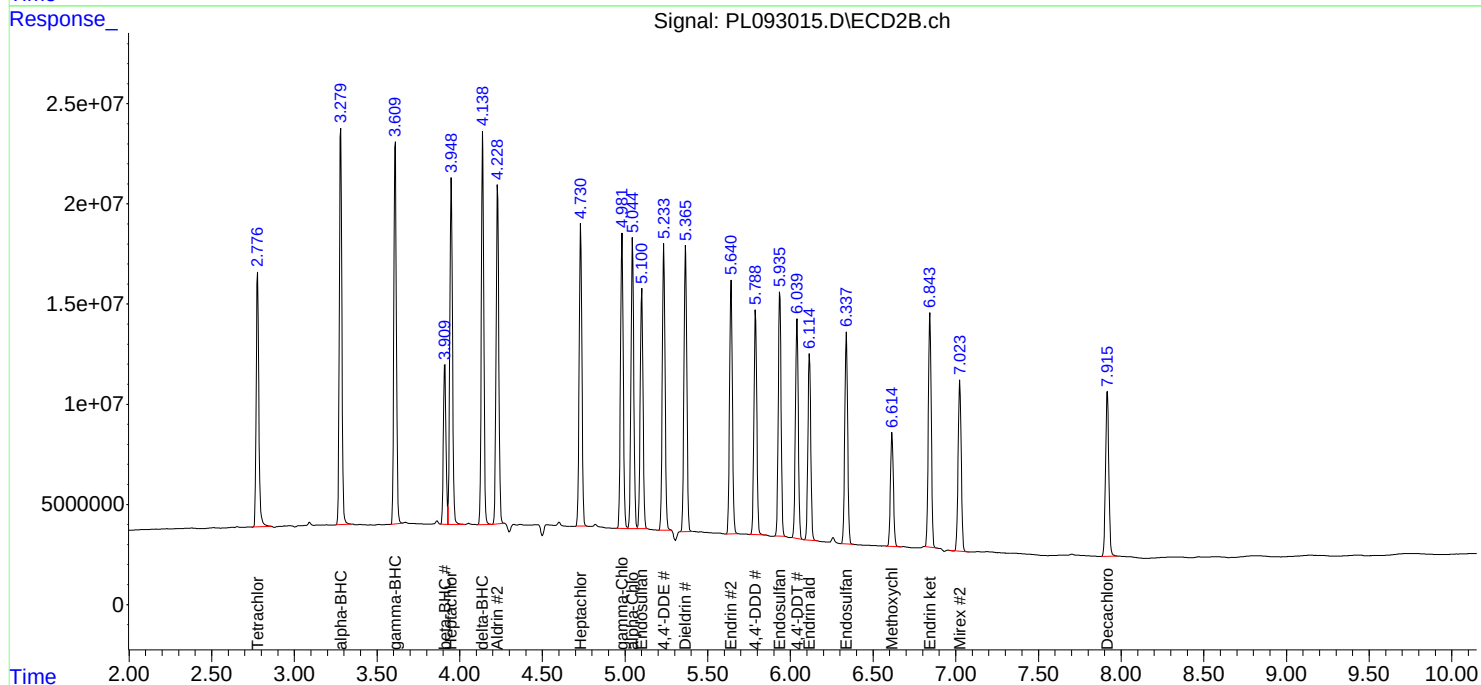
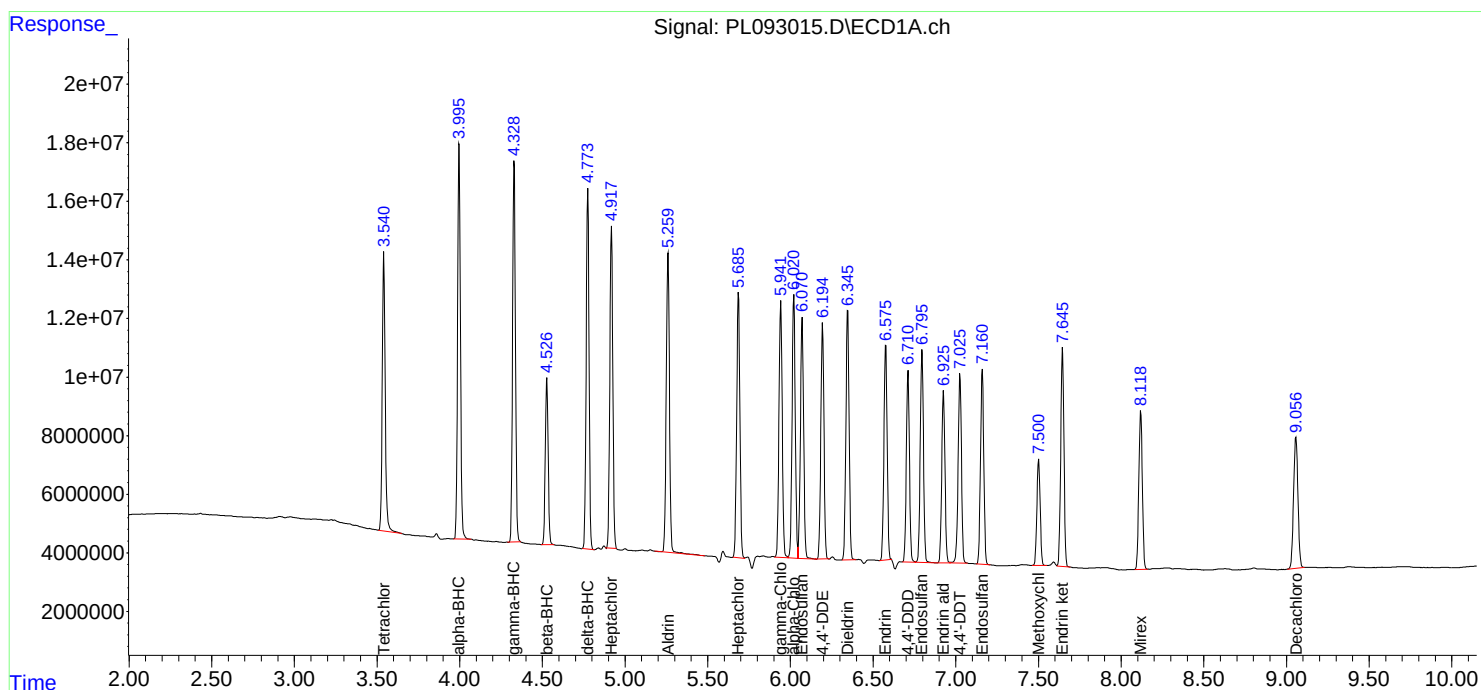
APPROVED

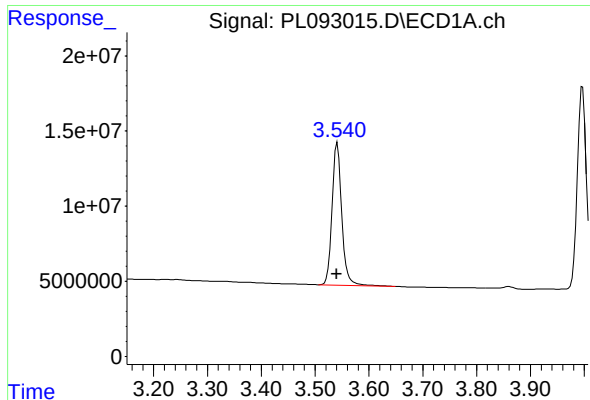
Reviewed By :Abdul Mirza 11/13/2024

Supervised By :Ankita Jodhani 11/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 00:47:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
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.: 3.541 min
Delta R.T.: 0.001 min
Response: 118706994
Conc: 48.45 ng/ml

Instrument :

ECD_L

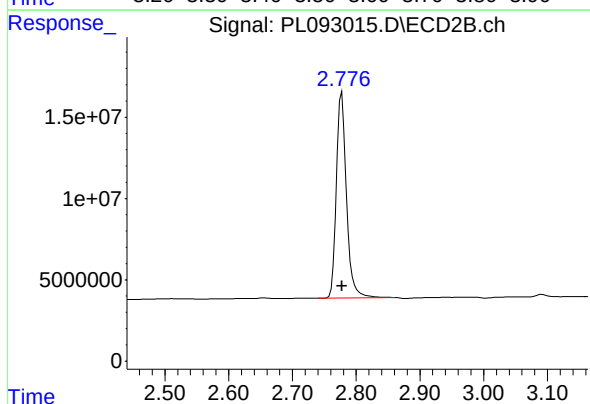
ClientSampleId :

PSTDCCC050

Manual Integrations

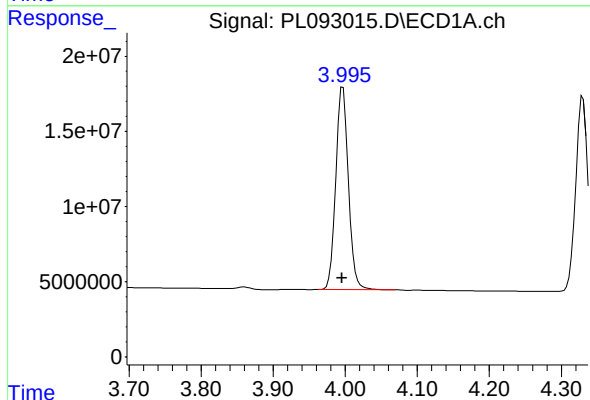
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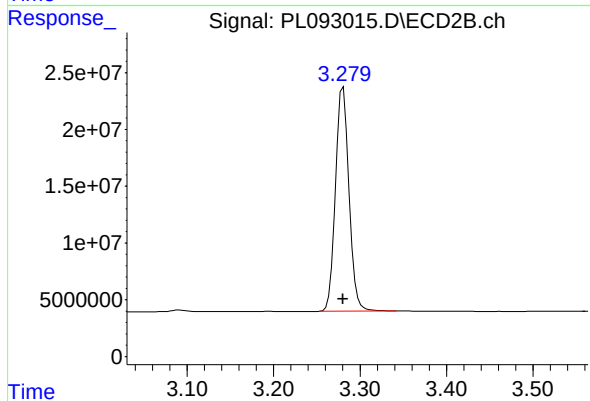
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 139462407
Conc: 51.25 ng/ml



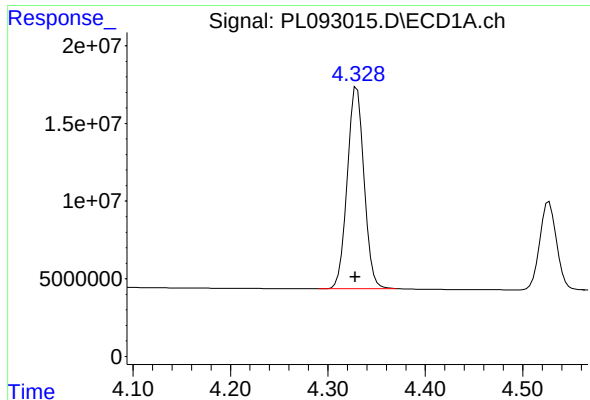
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 162319333
Conc: 47.86 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 211021959
Conc: 52.89 ng/ml



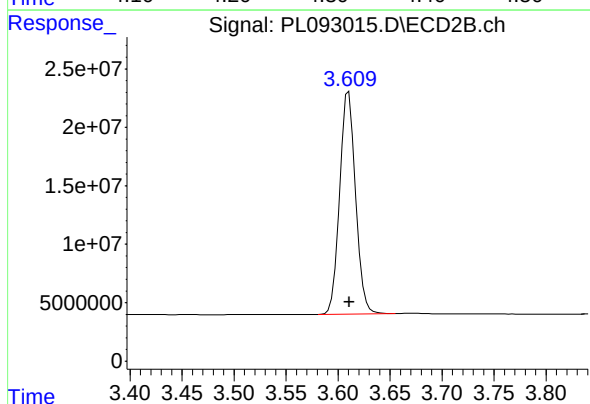
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 154966186
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

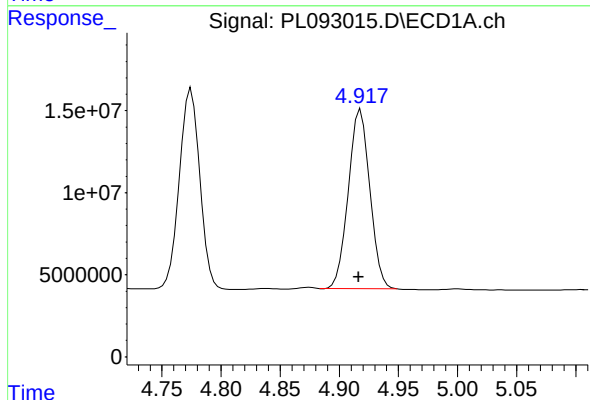
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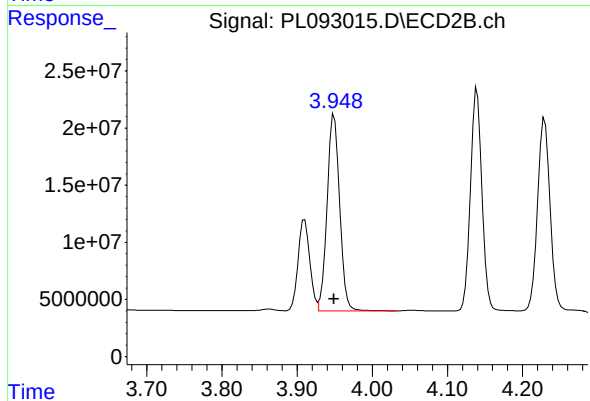
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 202852733
Conc: 52.56 ng/ml



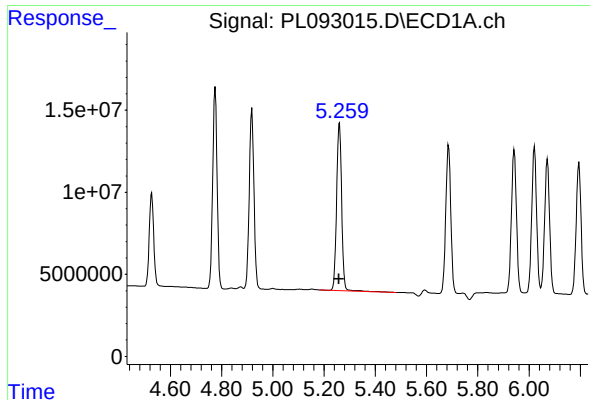
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.001 min
Response: 138059534
Conc: 45.97 ng/ml



#4 Heptachlor

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 199318701
Conc: 52.81 ng/ml



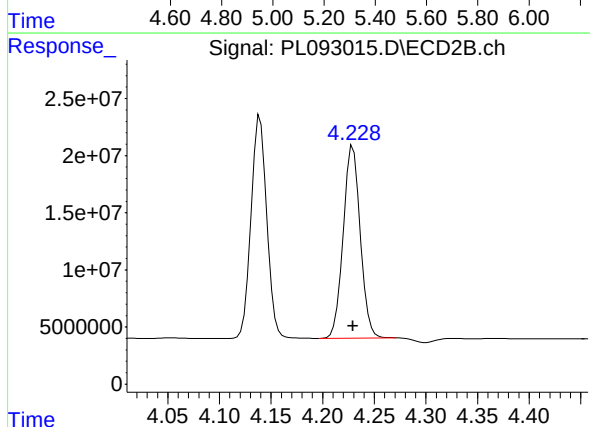
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.002 min
Response: 139605592
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

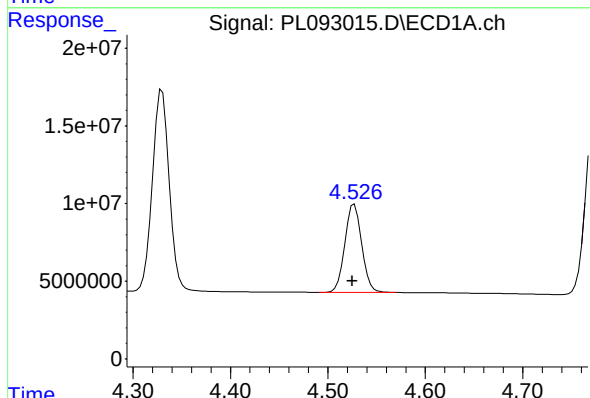
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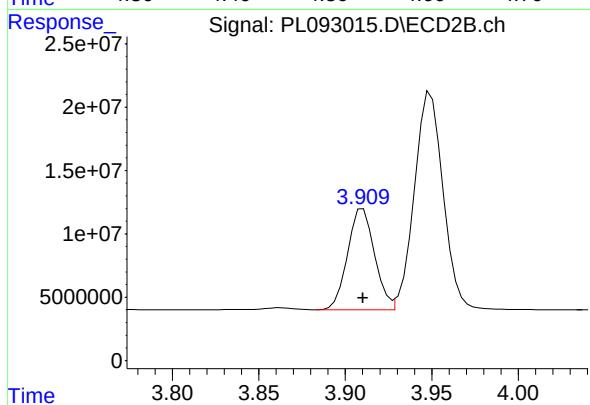
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 193428319
Conc: 52.85 ng/ml



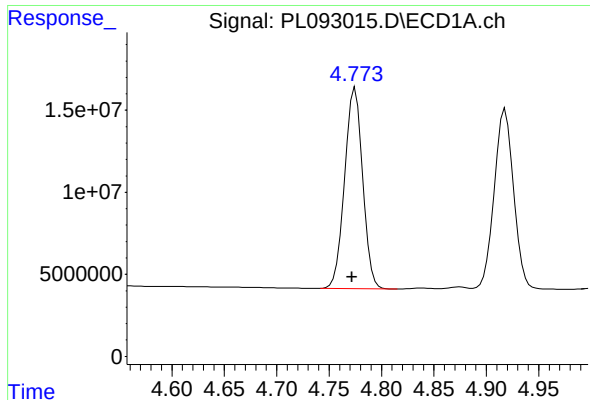
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 68303059
Conc: 47.25 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 86330597
Conc: 52.44 ng/ml



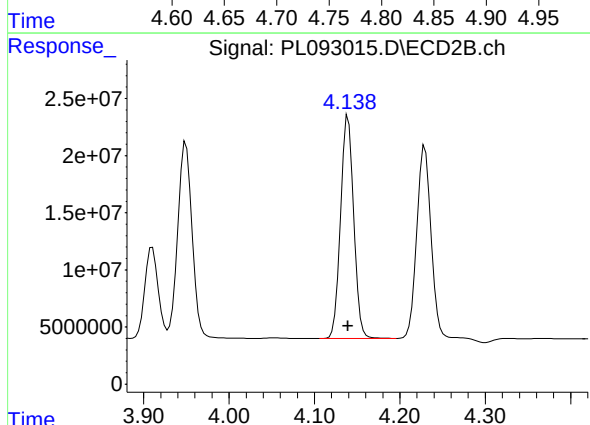
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 147148179
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

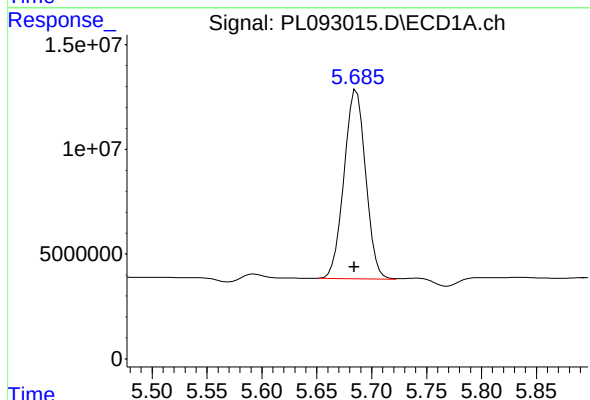
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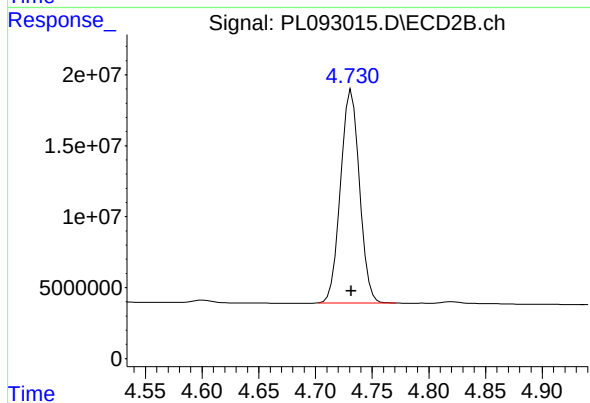
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 206966389
Conc: 53.85 ng/ml



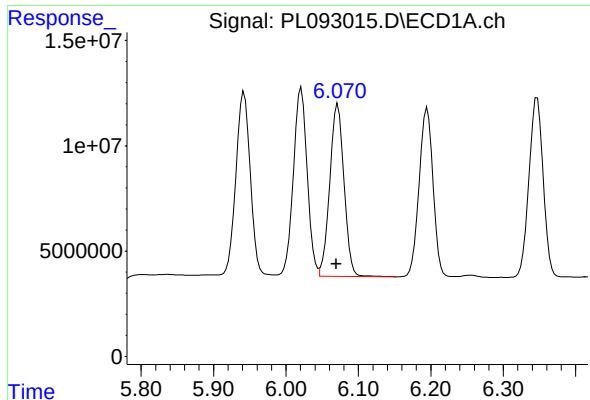
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 123438491
Conc: 44.70 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 174307389
Conc: 52.17 ng/ml



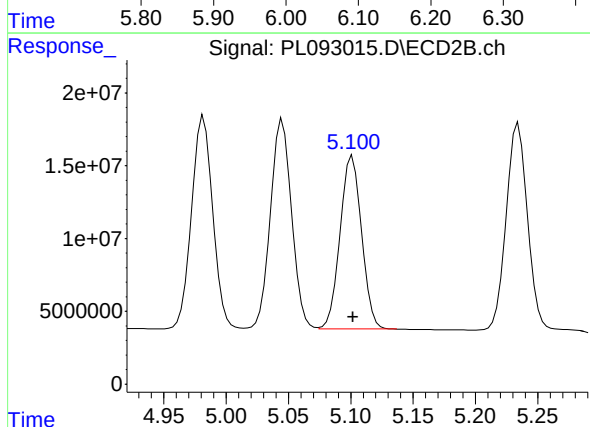
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 111905666
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

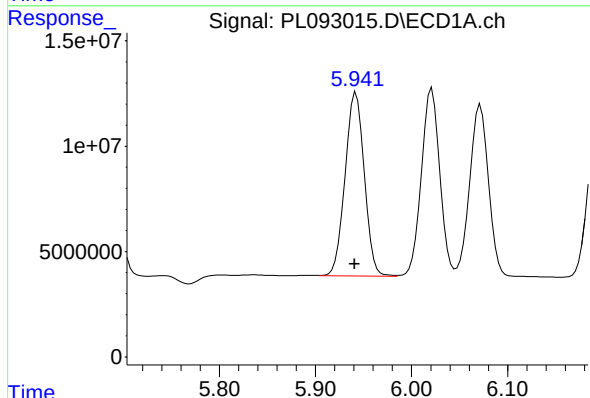
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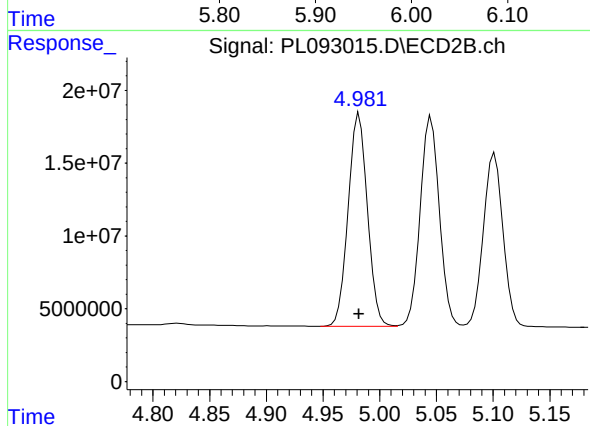
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 142707147
Conc: 46.74 ng/ml



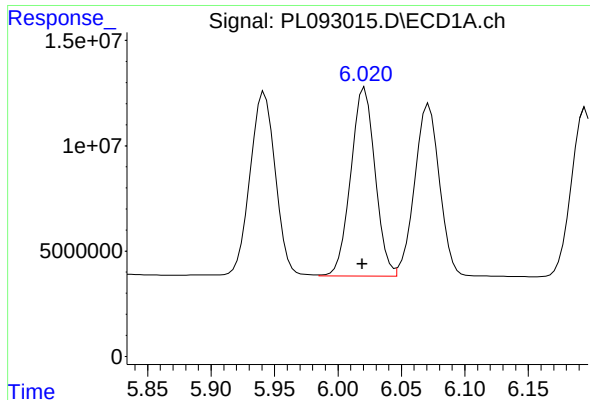
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 120580074
Conc: 45.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 172993842
Conc: 51.46 ng/ml



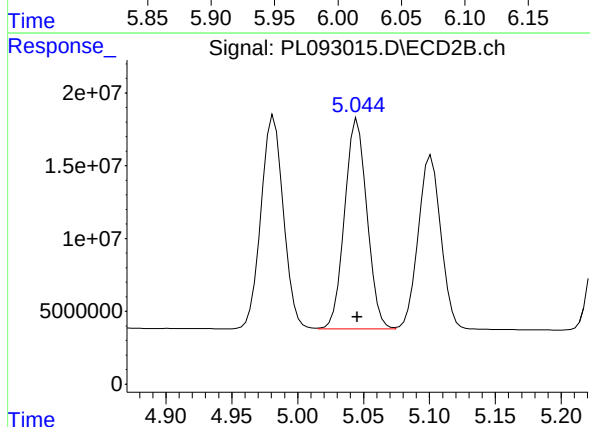
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 119065142
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

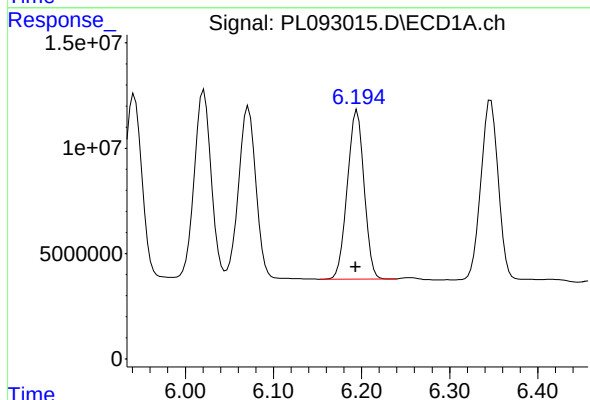
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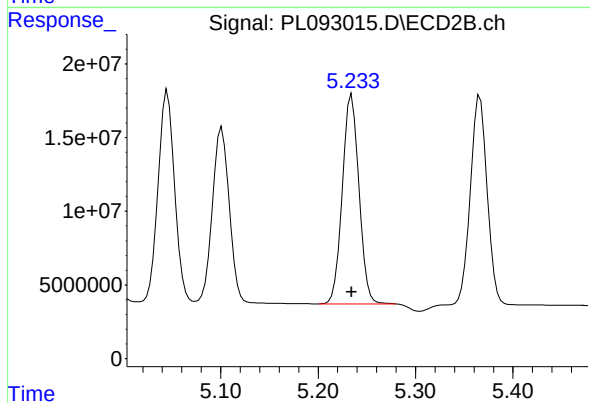
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 170196611
Conc: 51.17 ng/ml



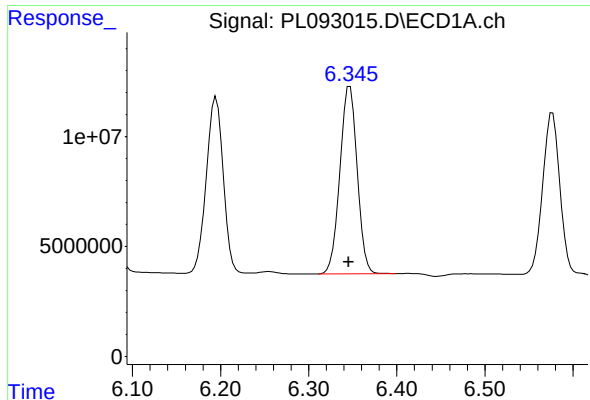
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 106135836
Conc: 44.80 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 168495673
Conc: 52.30 ng/ml



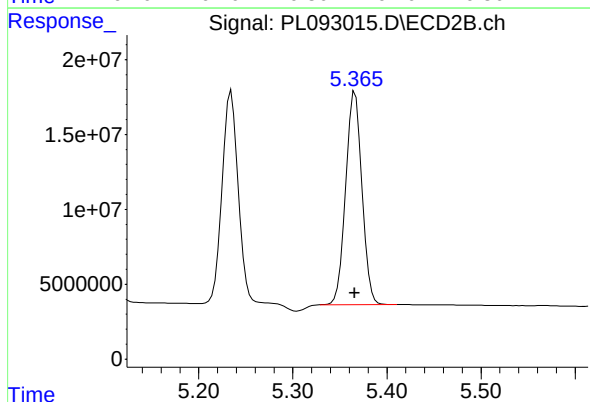
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 116176524
Conc: 44.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

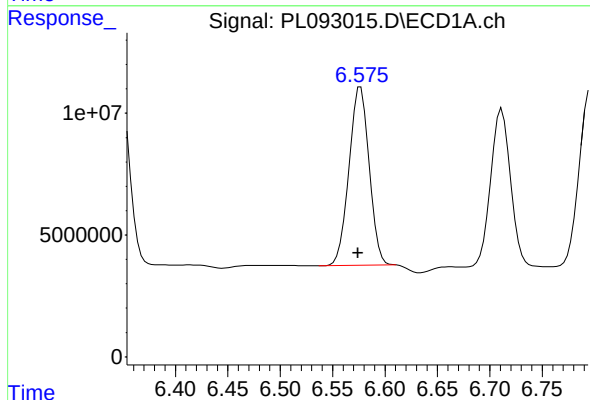
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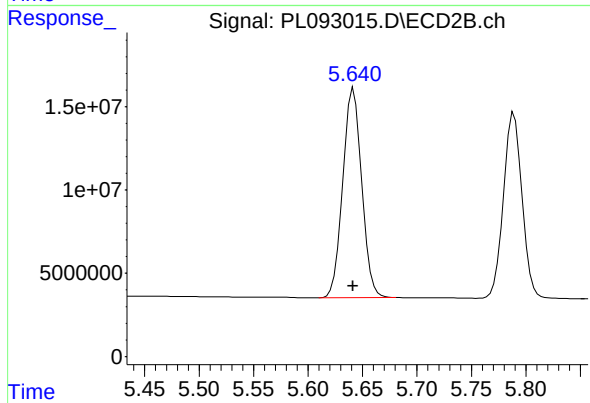
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 171006909
Conc: 51.20 ng/ml



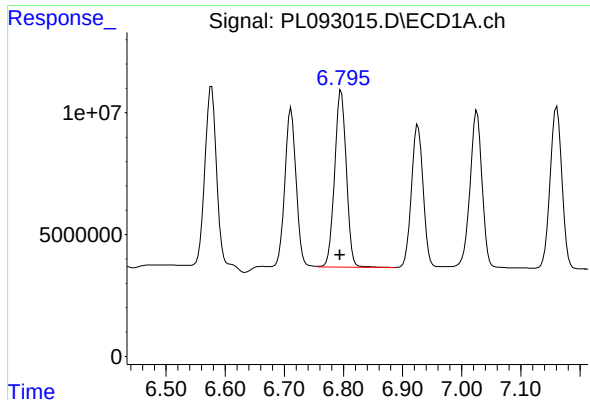
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 98477236
Conc: 43.26 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 151634349
Conc: 52.41 ng/ml



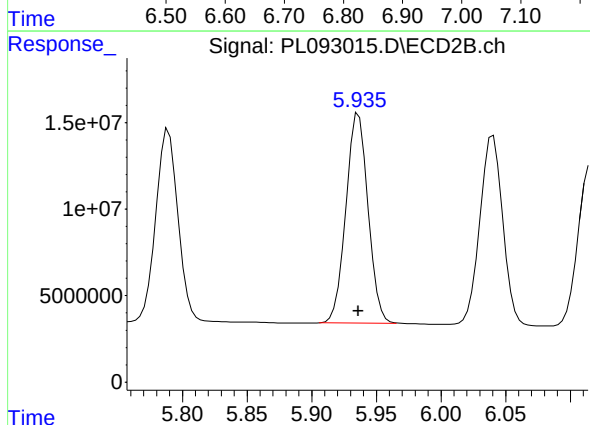
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 99675569
Conc: 41.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

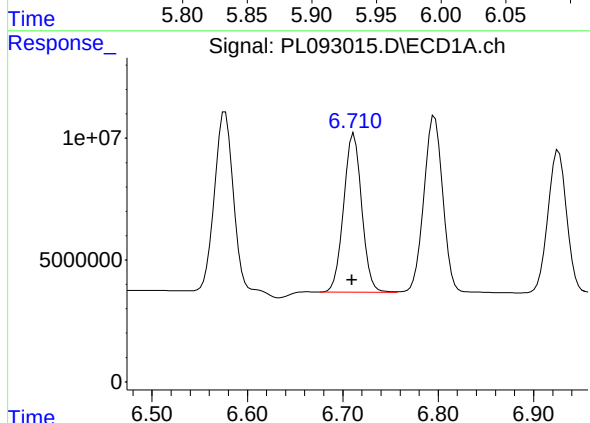
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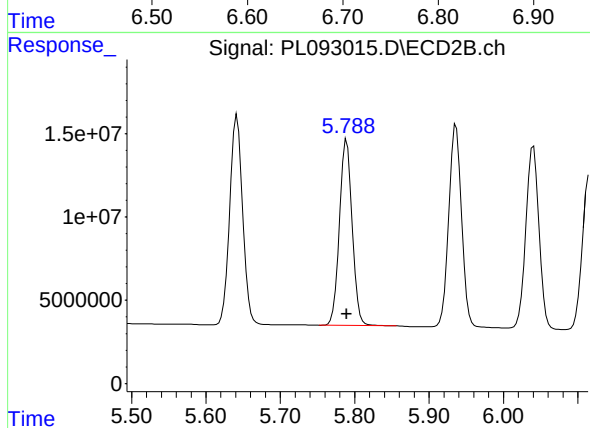
#15 Endosulfan II

R.T.: 5.935 min
Delta R.T.: -0.001 min
Response: 143941130
Conc: 50.80 ng/ml m



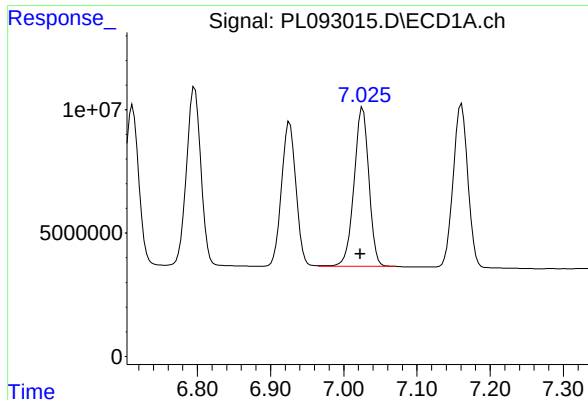
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 85864179
Conc: 44.73 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 132620928
Conc: 53.26 ng/ml



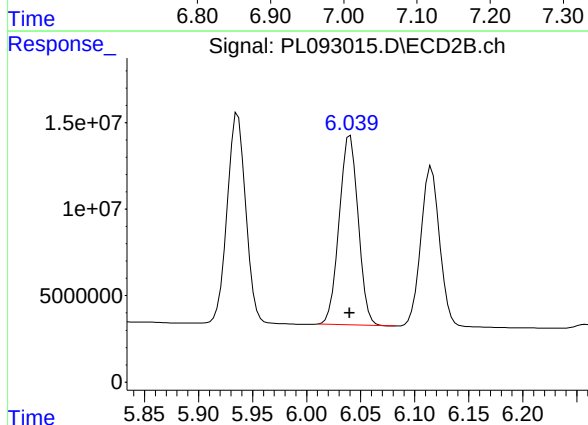
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 90975168
Conc: 43.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

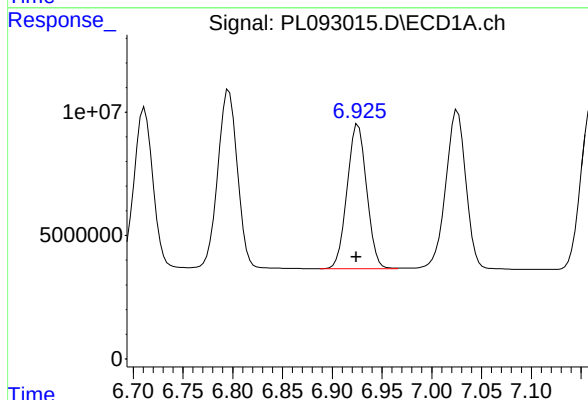
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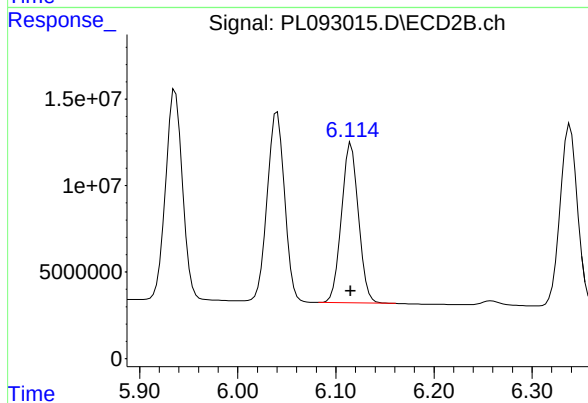
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 133988758
Conc: 49.95 ng/ml



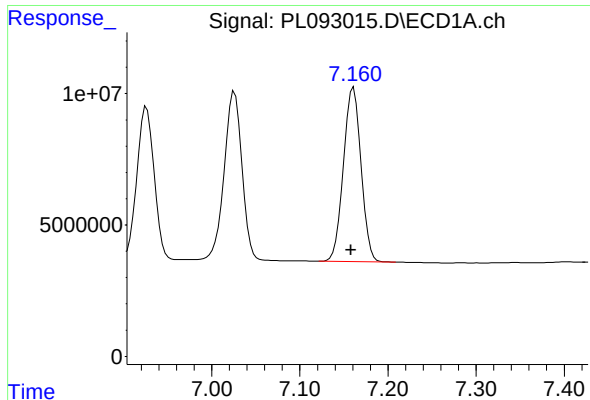
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 80396565
Conc: 42.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 111336181
Conc: 48.25 ng/ml



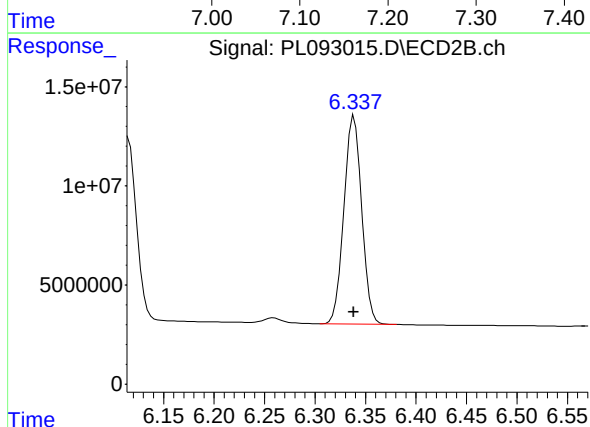
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 92168670
Conc: 42.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

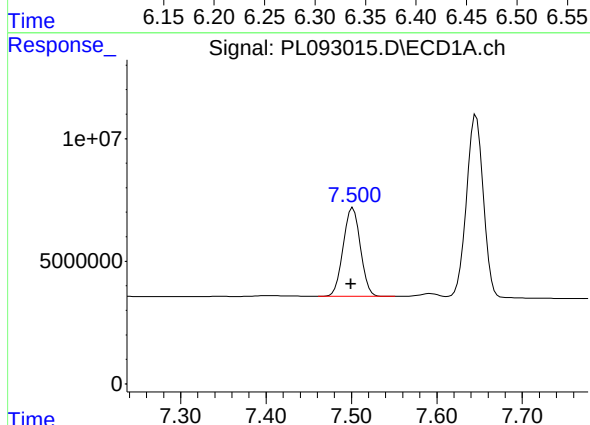
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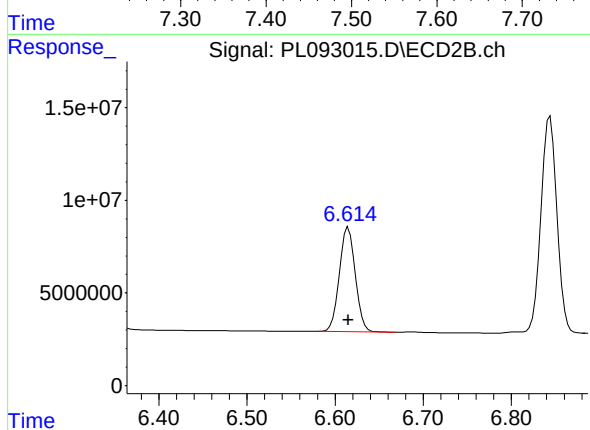
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 128982963
Conc: 47.83 ng/ml



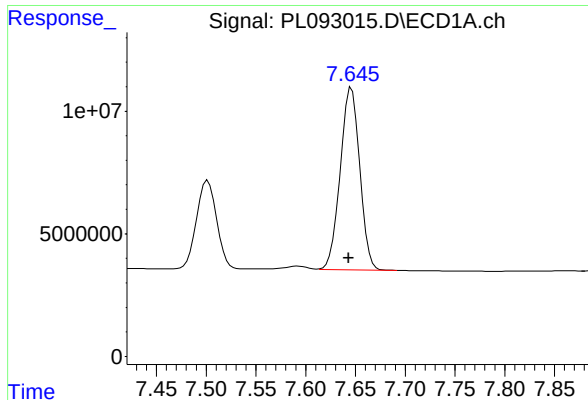
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.002 min
Response: 50691809
Conc: 44.47 ng/ml



#20 Methoxychlor

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 70911441
Conc: 49.66 ng/ml



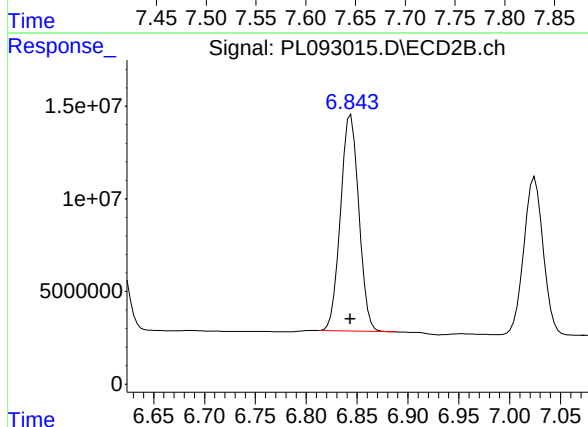
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 101574706
Conc: 41.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

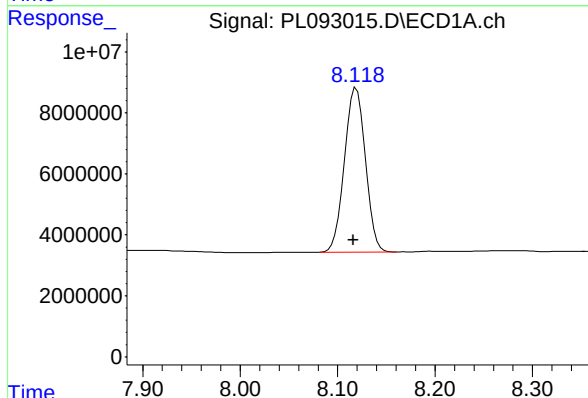
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Supervised By :Ankita Jodhani 11/13/2024



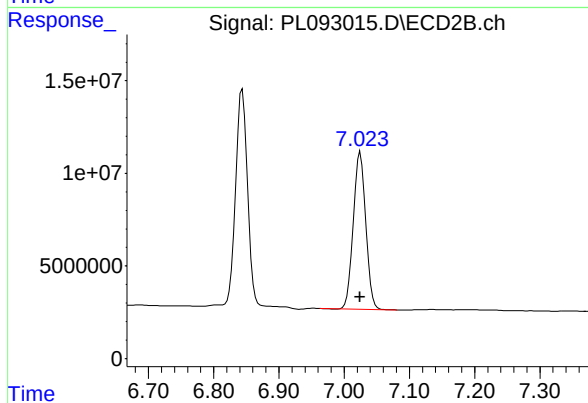
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 146249313
Conc: 47.66 ng/ml



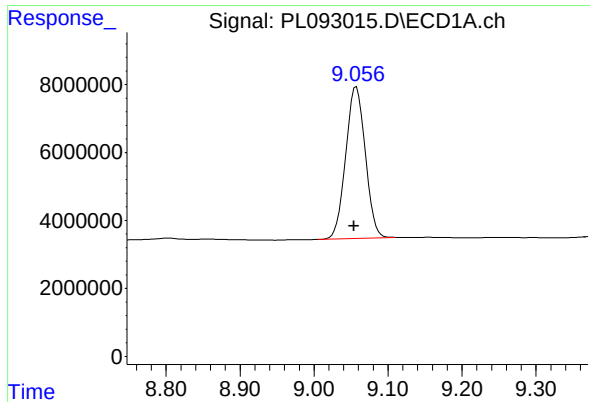
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 80591746
Conc: 40.67 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 112645185
Conc: 43.17 ng/ml



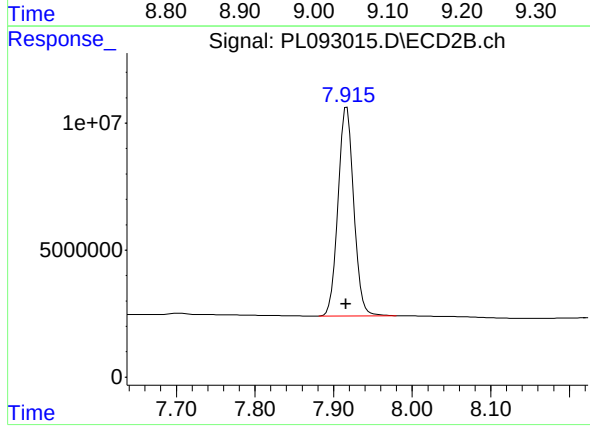
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.003 min
Response: 82127515
Conc: 42.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/13/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.001 min
Response: 114306340
Conc: 41.88 ng/ml