

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
 Data File : PL092291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2024 16:35
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2024
 Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:42:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.540	2.778	111.6E6	124.0E6	50.187	49.425
28)	SA Decachlor...	9.058	7.919	83673575	124.5E6	51.076	49.744
Target Compounds							
2)	A alpha-BHC	3.995	3.281	155.8E6	181.6E6	50.319	49.847
3)	MA gamma-BHC...	4.329	3.611	150.2E6	175.0E6	48.462	49.568
4)	MA Heptachlor	4.916	3.950	137.3E6	170.7E6	49.655m	49.455
5)	MB Aldrin	5.259	4.230	136.1E6	169.0E6	49.017	49.695
6)	B beta-BHC	4.526	3.911	65086099	72848910	49.071	48.466
7)	B delta-BHC	4.773	4.140	146.3E6	175.9E6	50.709	50.658
8)	B Heptachlo...	5.686	4.732	130.6E6	148.2E6	51.304	49.038m
9)	A Endosulfan I	6.070	5.102	111.8E6	137.0E6	48.344m	49.924m
10)	B gamma-Chl...	5.940	4.982	119.2E6	147.7E6	48.237m	49.083m
11)	B alpha-Chl...	6.019	5.045	119.2E6	146.4E6	48.387m	48.913m
12)	B 4,4'-DDE	6.194	5.236	108.0E6	141.5E6	49.908	50.934
13)	MA Dieldrin	6.346	5.368	120.2E6	146.9E6	49.265	50.114
14)	MA Endrin	6.574	5.643	101.1E6	130.9E6	49.049m	49.934
15)	B Endosulfa...	6.796	5.938	107.0E6	128.4E6	48.655	51.321
16)	A 4,4'-DDD	6.710	5.791	90462843	112.2E6	50.377m	52.513
17)	MA 4,4'-DDT	7.025	6.041	91507297	117.5E6	49.700	50.781
18)	B Endrin al...	6.926	6.117	85164473	101.9E6	48.867	49.953
19)	B Endosulfa...	7.161	6.340	98335884	122.0E6	49.608	50.586
20)	A Methoxychlor	7.502	6.617	52264691	63840509	53.238	51.058
21)	B Endrin ke...	7.646	6.846	110.5E6	140.5E6	50.275	50.730
22)	Mirex	8.119	7.027	88159426	119.0E6	48.950	48.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101024\
Data File : PL092291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2024 16:35
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

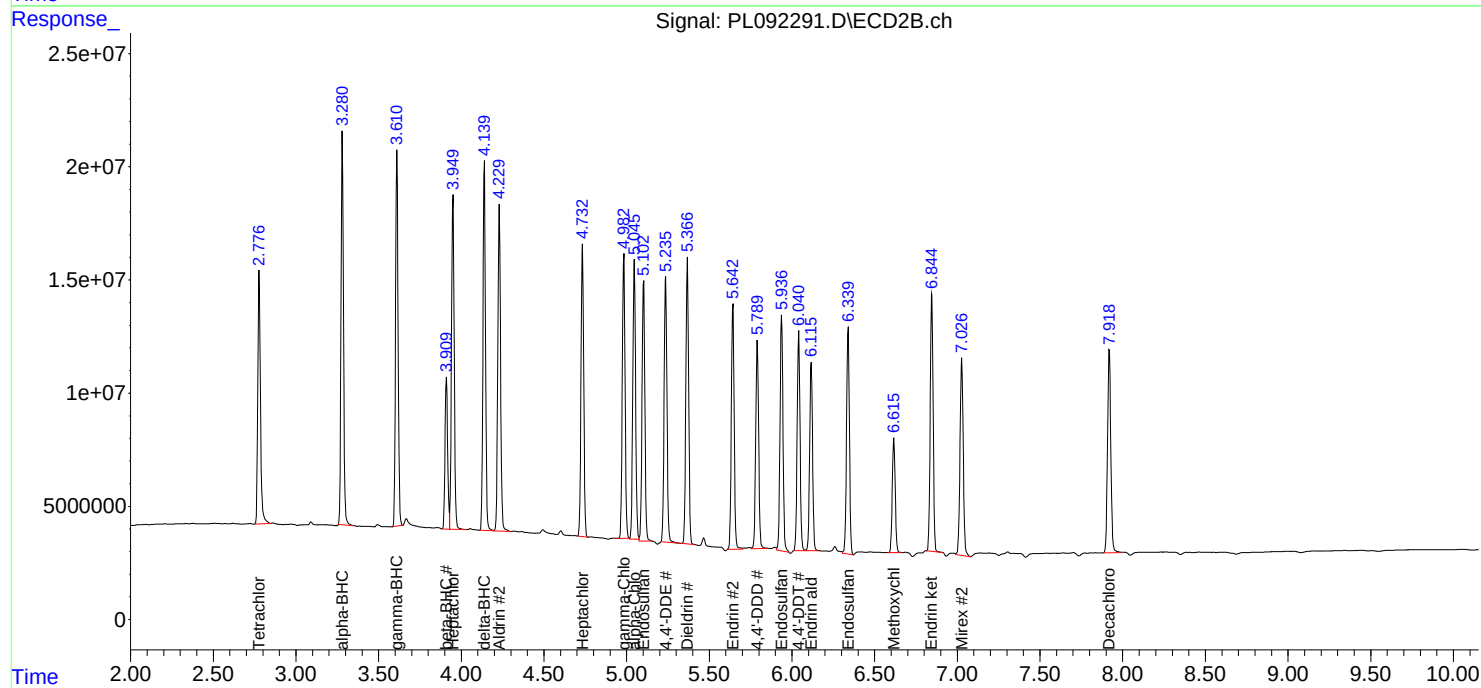
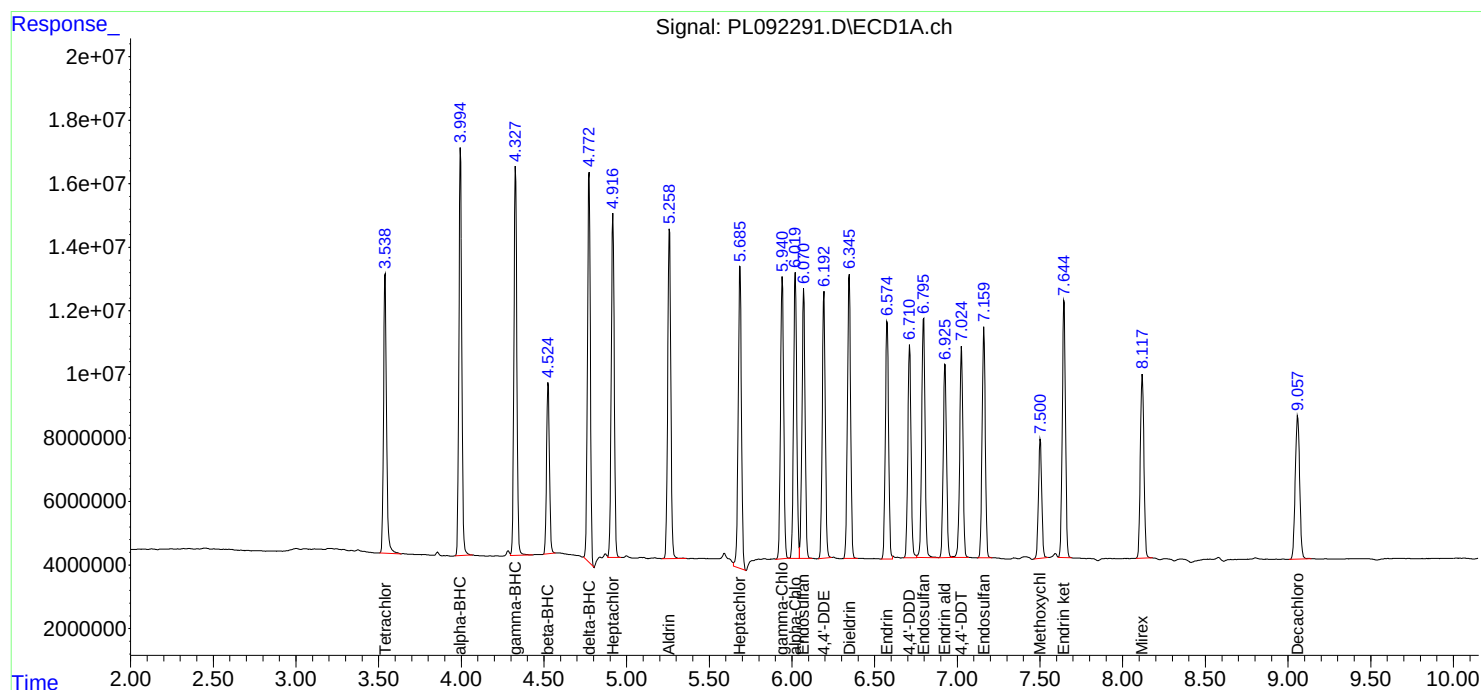
APPROVED

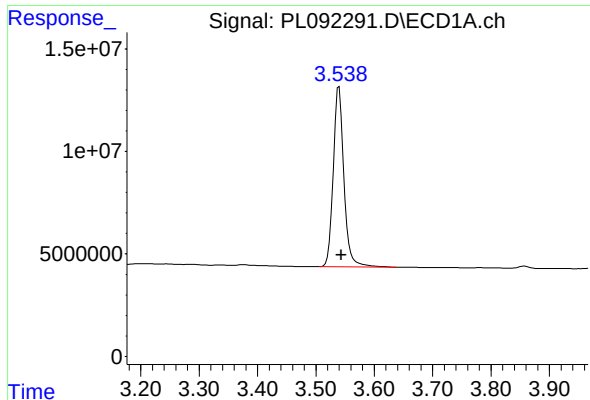
Reviewed By :Abdul Mirza 10/10/2024

Supervised By :Ankita Jodhani 10/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:42:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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





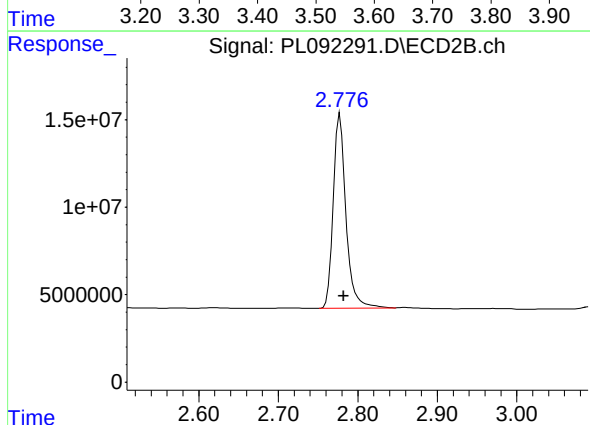
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 111647903
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

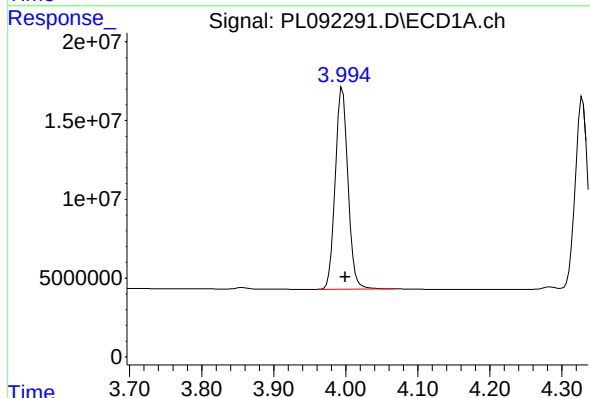
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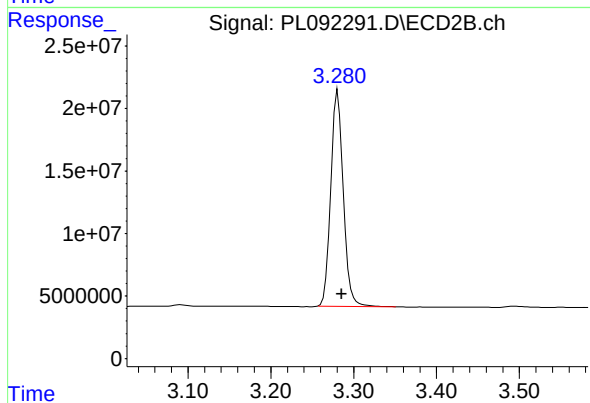
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: -0.005 min
Response: 123960956
Conc: 49.42 ng/ml



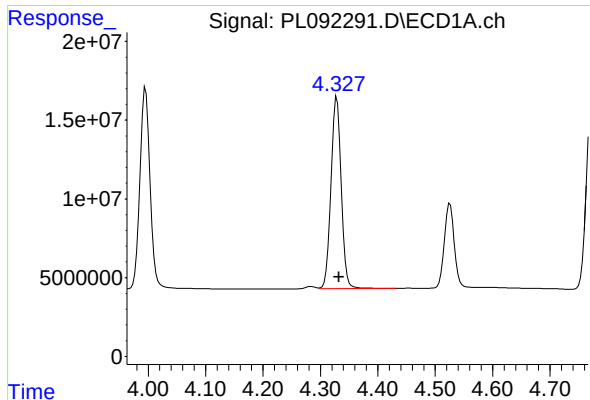
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 155812689
Conc: 50.32 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: -0.005 min
Response: 181608707
Conc: 49.85 ng/ml



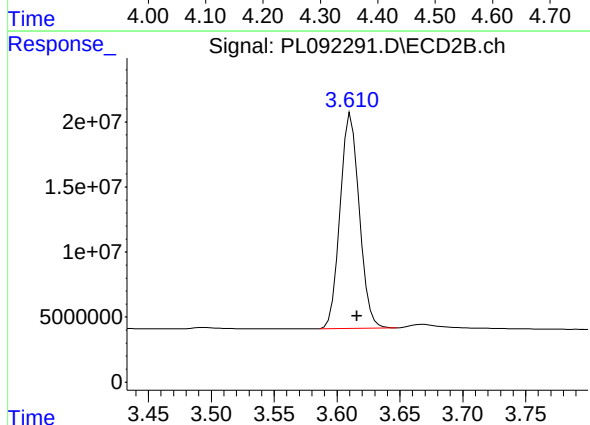
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.004 min
Response: 150175059
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

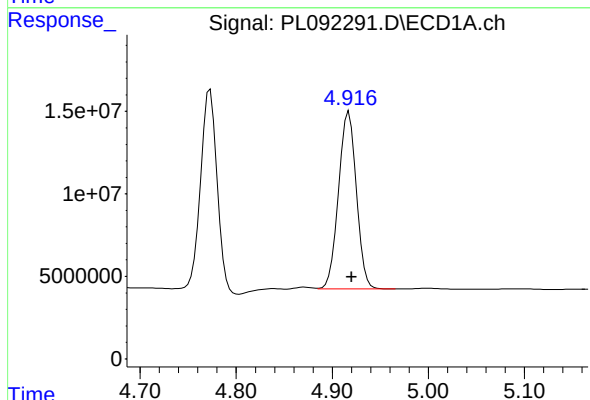
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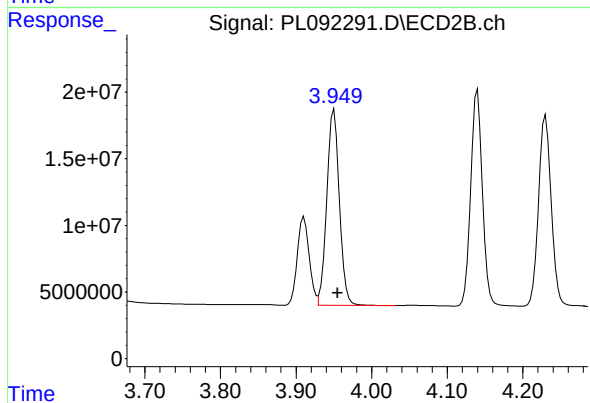
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: -0.005 min
Response: 175025072
Conc: 49.57 ng/ml



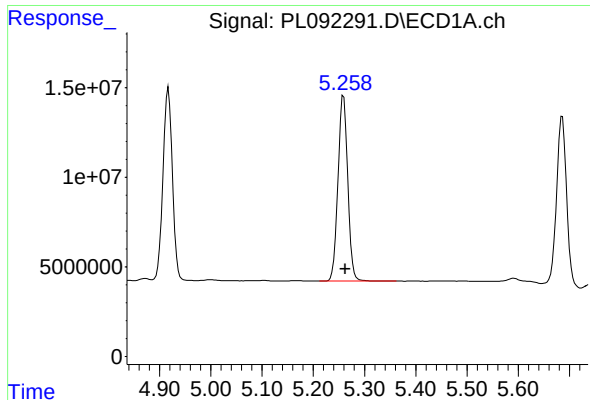
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.005 min
Response: 137319622
Conc: 49.66 ng/ml m



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: -0.005 min
Response: 170651791
Conc: 49.46 ng/ml



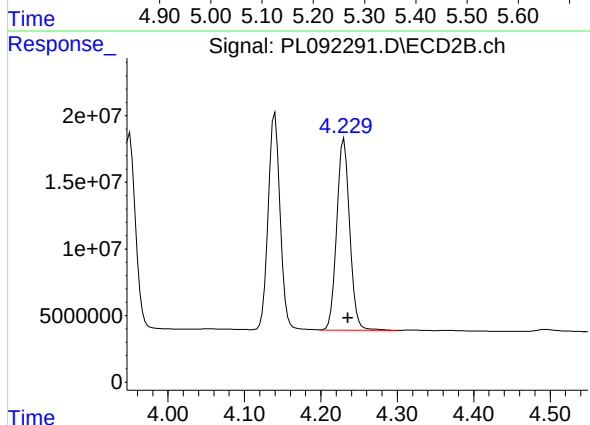
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: -0.004 min
Response: 136149057
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

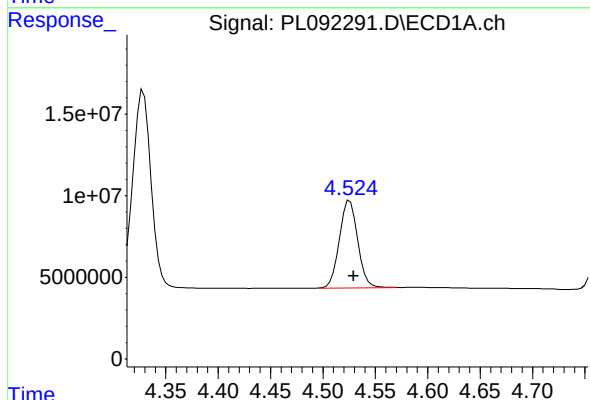
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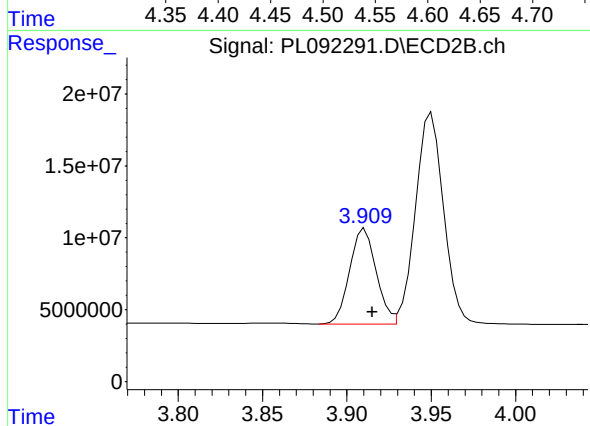
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: -0.005 min
Response: 169016552
Conc: 49.69 ng/ml



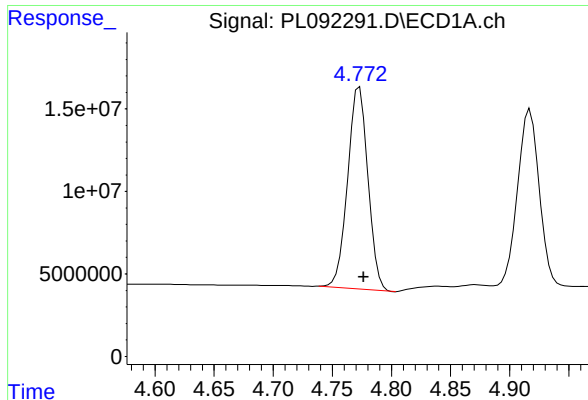
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.004 min
Response: 65086099
Conc: 49.07 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: -0.004 min
Response: 72848910
Conc: 48.47 ng/ml



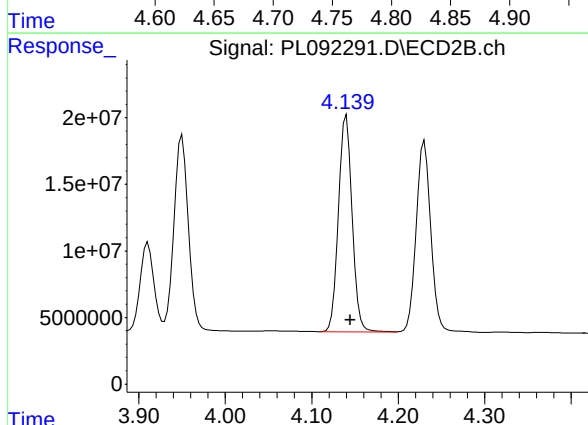
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.004 min
Response: 146254719
Conc: 50.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

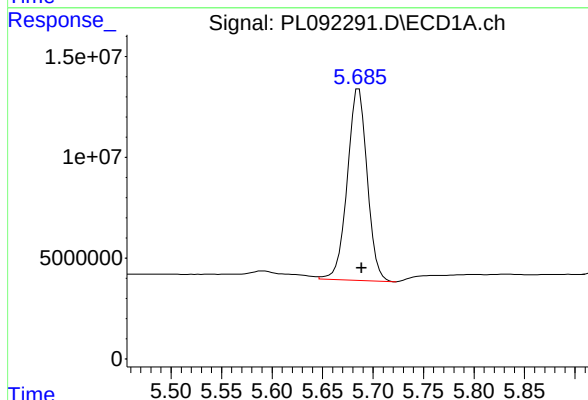
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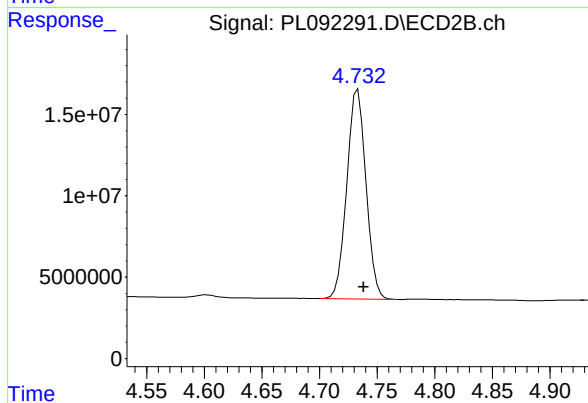
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 175868384
Conc: 50.66 ng/ml



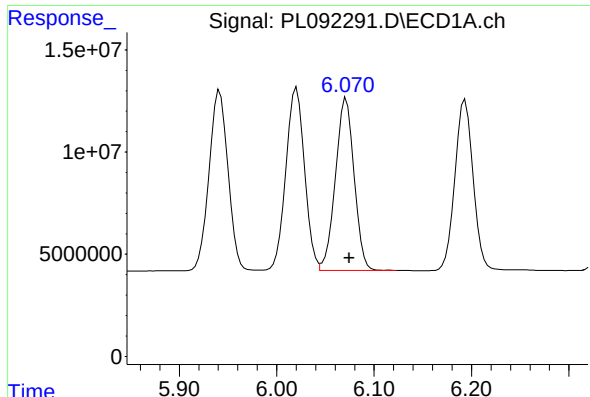
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 130568907
Conc: 51.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.006 min
Response: 148237683
Conc: 49.04 ng/ml m



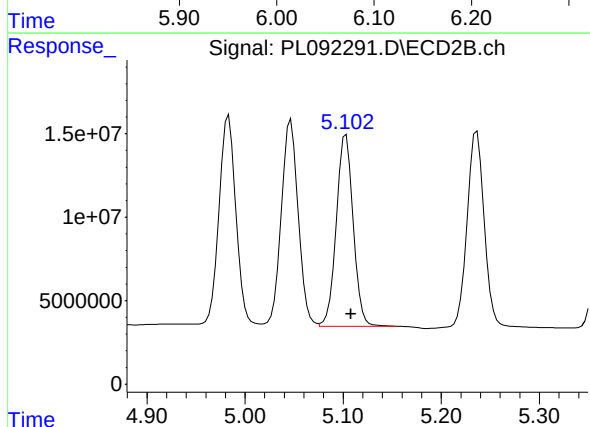
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 111838163
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

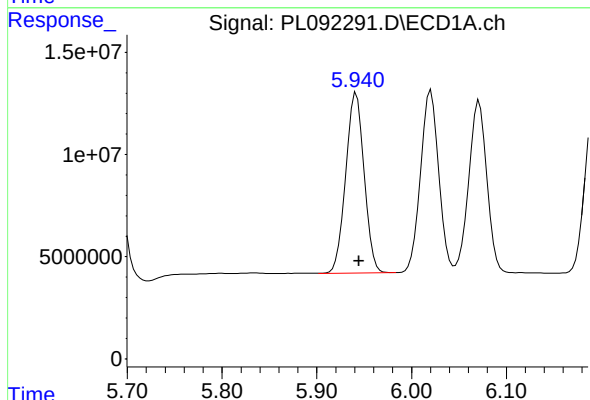
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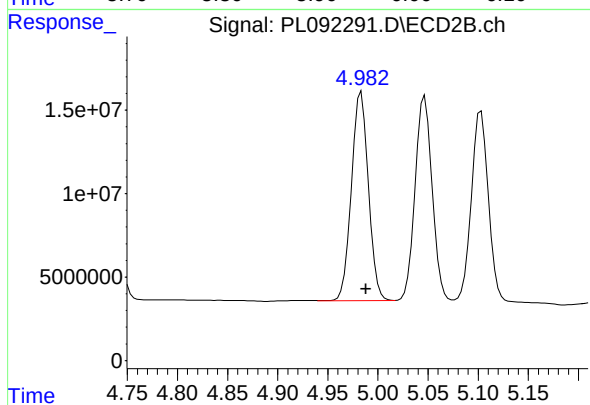
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: -0.007 min
Response: 137023362
Conc: 49.92 ng/ml



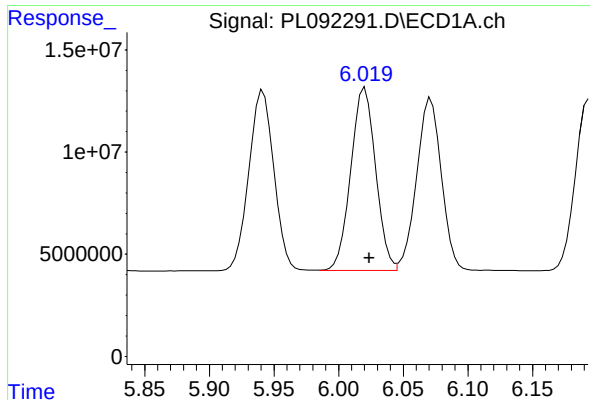
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 119202737
Conc: 48.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: -0.006 min
Response: 147668656
Conc: 49.08 ng/ml



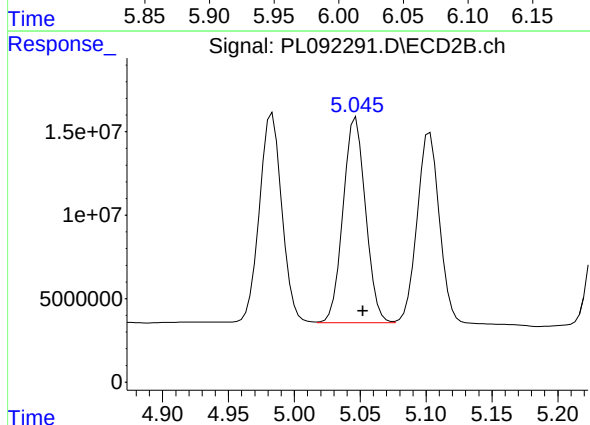
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.005 min
Response: 119193327
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

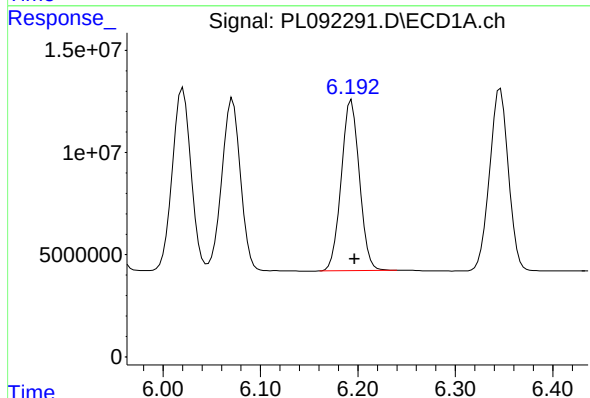
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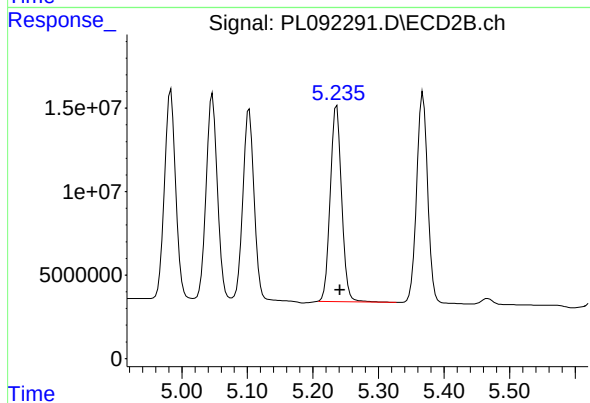
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 146422741
Conc: 48.91 ng/ml



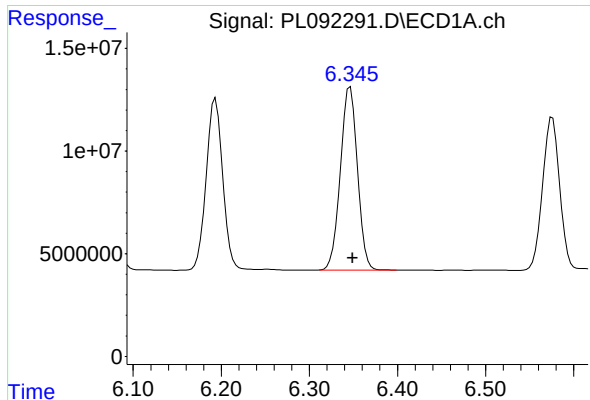
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 108022496
Conc: 49.91 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 141538040
Conc: 50.93 ng/ml



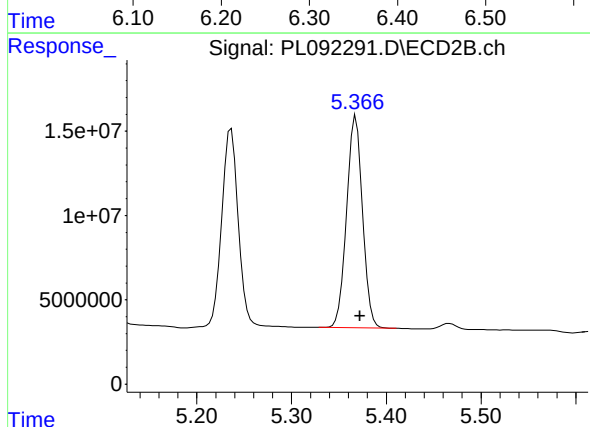
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 120150297
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

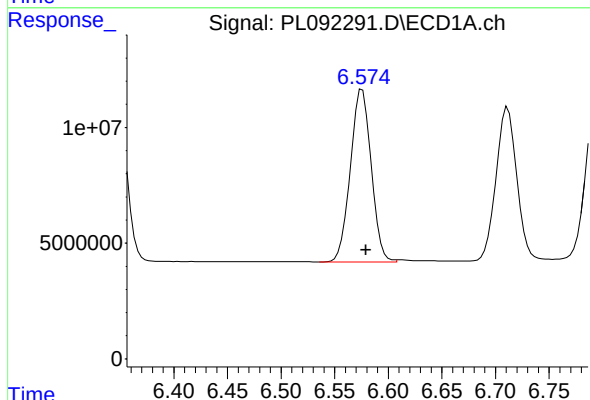
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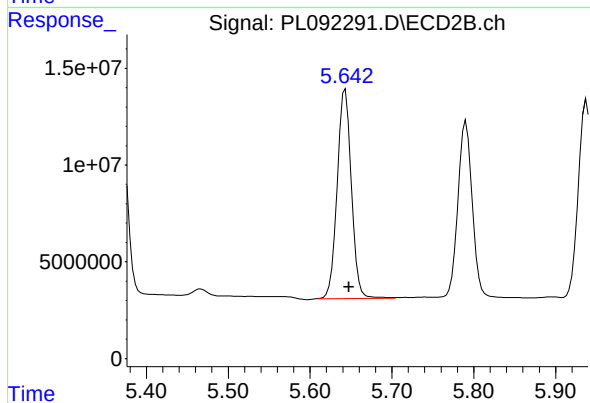
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: -0.004 min
Response: 146925868
Conc: 50.11 ng/ml



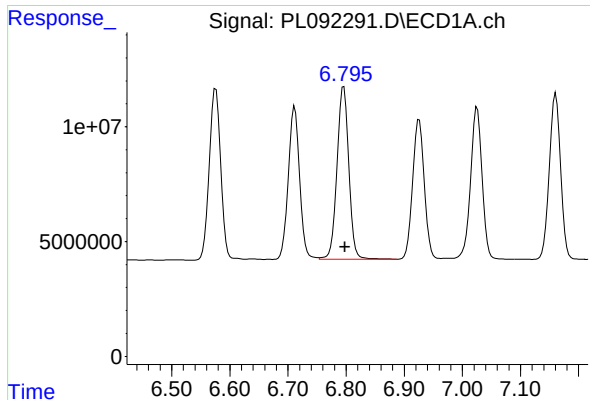
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.005 min
Response: 101075062
Conc: 49.05 ng/ml m



#14 Endrin

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 130935534
Conc: 49.93 ng/ml



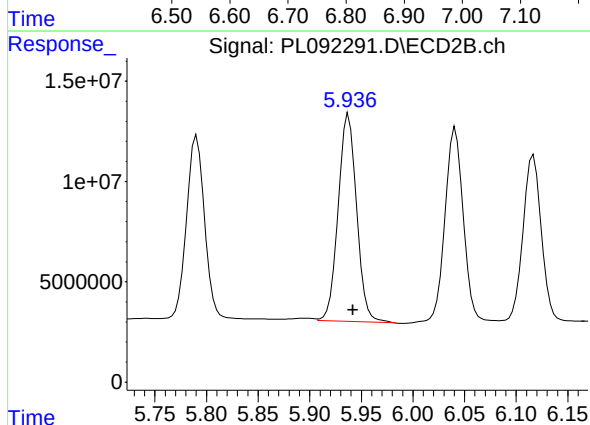
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 107028435
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

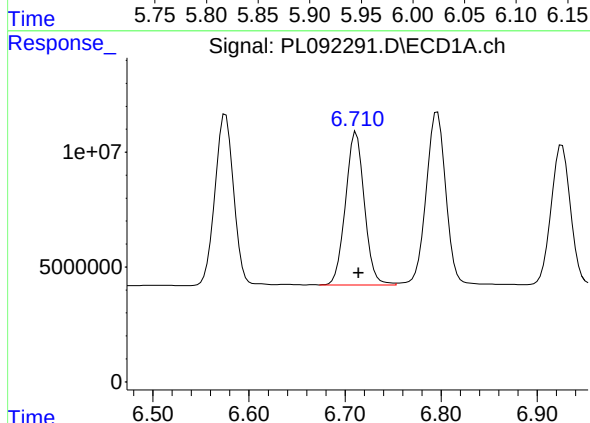
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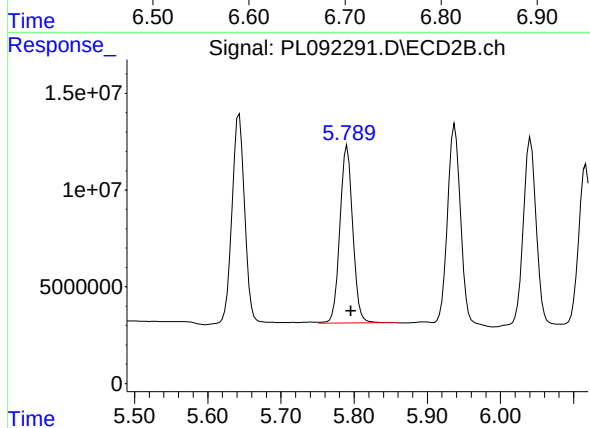
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 128425020
Conc: 51.32 ng/ml



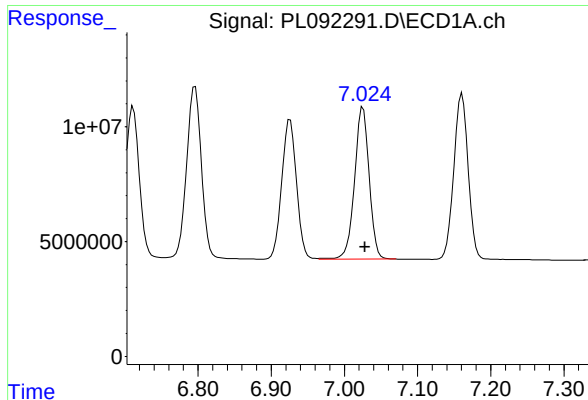
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 90462843
Conc: 50.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: -0.005 min
Response: 112178860
Conc: 52.51 ng/ml



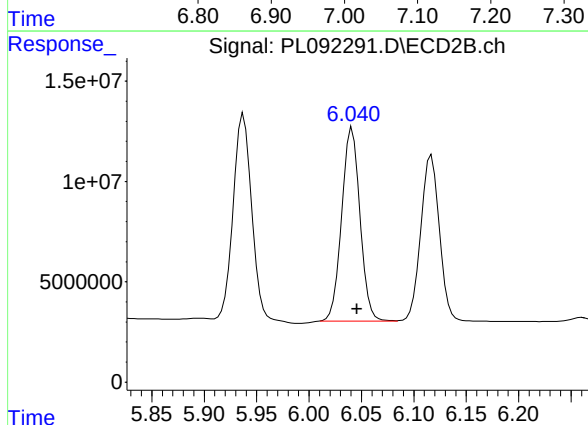
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 91507297
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

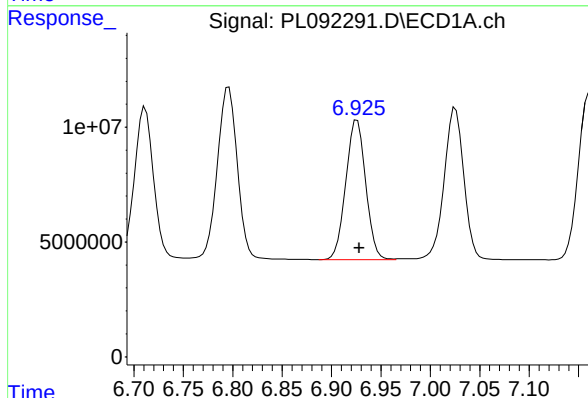
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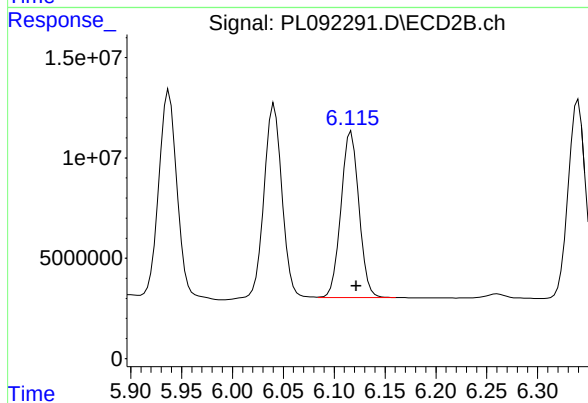
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 117463958
Conc: 50.78 ng/ml



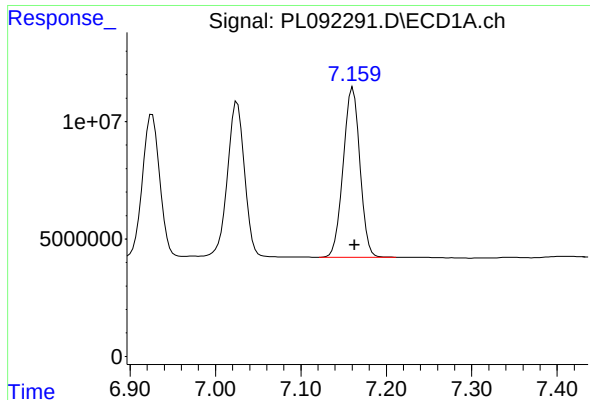
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 85164473
Conc: 48.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 101941027
Conc: 49.95 ng/ml



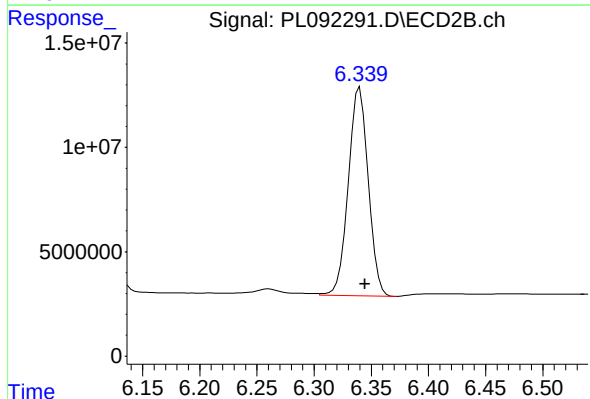
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 98335884
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

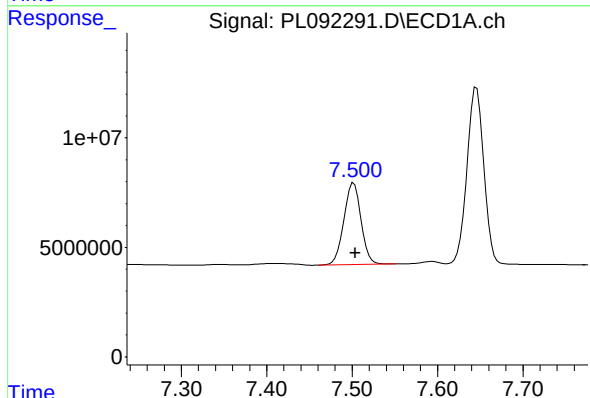
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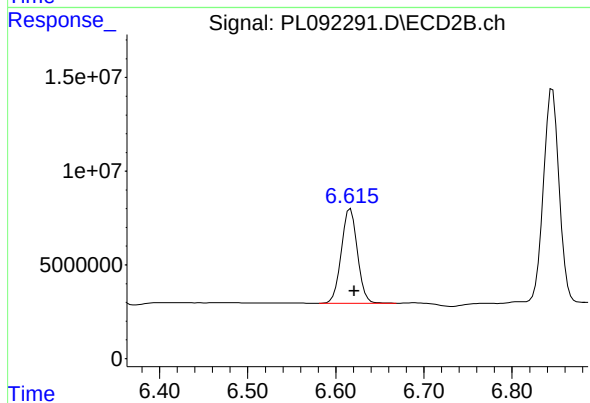
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 122039245
Conc: 50.59 ng/ml



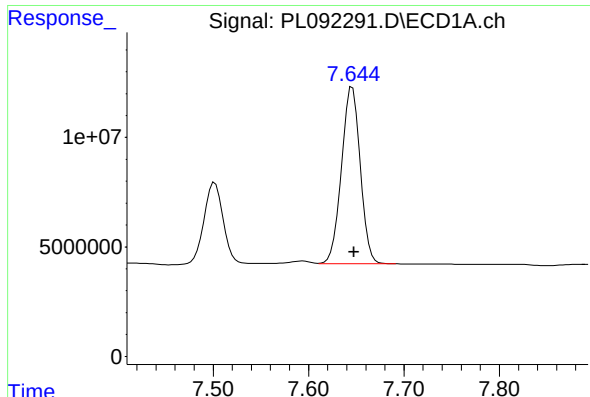
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 52264691
Conc: 53.24 ng/ml



#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 63840509
Conc: 51.06 ng/ml



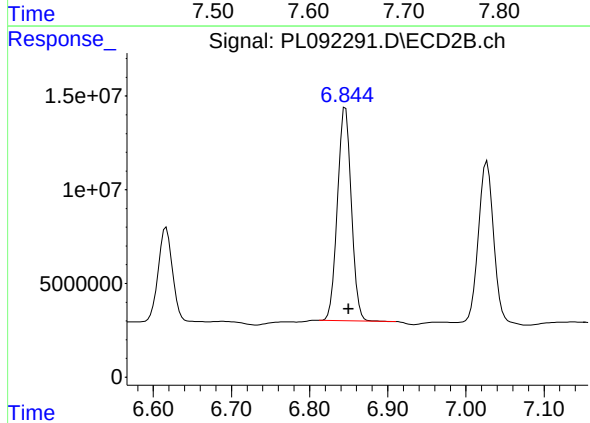
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 110483356
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

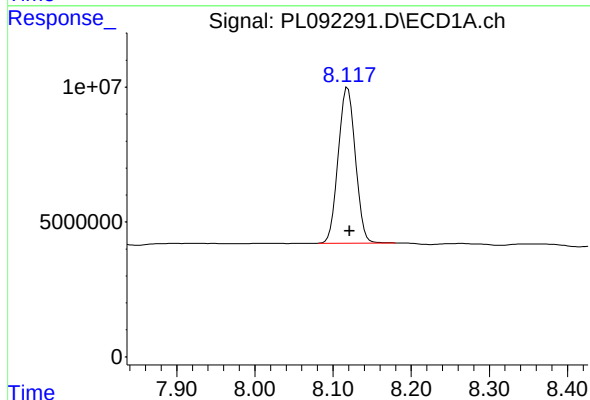
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2024
Supervised By :Ankita Jodhani 10/10/2024



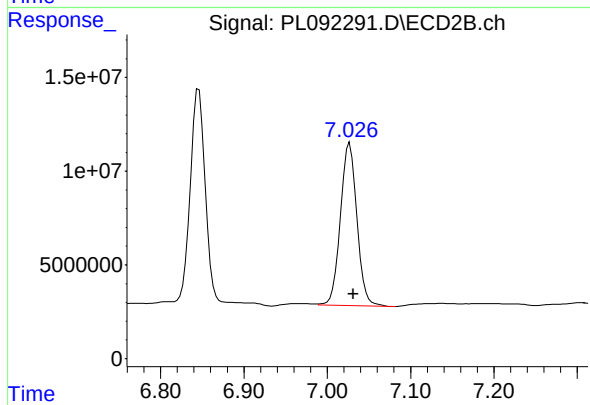
#21 Endrin ketone

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 140467987
Conc: 50.73 ng/ml



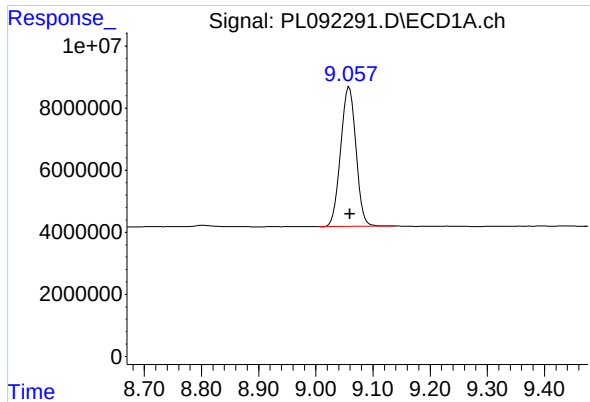
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 88159426
Conc: 48.95 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 119003598
Conc: 48.92 ng/ml



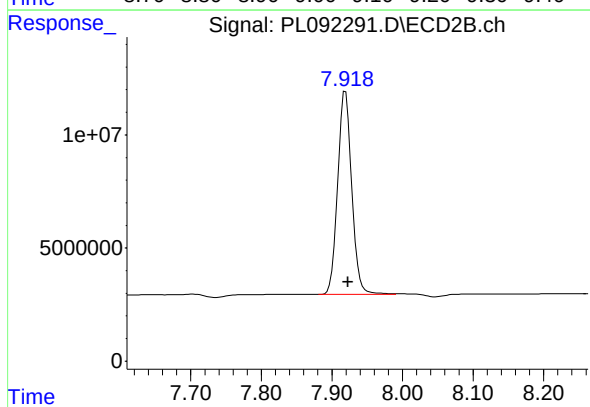
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 83673575
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: -0.003 min
Response: 124456773
Conc: 49.74 ng/ml