

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 20:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:33:20 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...	3.538	2.773	134.5E6	164.0E6	49.947	50.255
28) SA Decachlor...	9.056	7.911	95956611	156.0E6	45.870	44.506
Target Compounds						
2) A alpha-BHC	3.994	3.276	194.3E6	248.6E6	50.689	50.852
3) MA gamma-BHC...	4.326	3.606	182.3E6	233.4E6	49.509	49.224
4) MA Heptachlor	4.914	3.945	163.4E6	229.0E6	49.864	49.205
5) MB Aldrin	5.256	4.224	156.4E6	221.5E6	47.802	48.559
6) B beta-BHC	4.524	3.907	81325359	101.2E6	50.597	50.650
7) B delta-BHC	4.772	4.135	172.1E6	230.4E6	49.105	48.494
8) B Heptachlo...	5.683	4.727	138.8E6	205.1E6	46.671	49.057
9) A Endosulfan I	6.068	5.096	124.2E6	177.5E6	46.979	45.788
10) B gamma-Chl...	5.939	4.975	135.0E6	215.7E6	48.432	50.894m
11) B alpha-Chl...	6.018	5.040	134.0E6	211.0E6	48.071	50.409
12) B 4,4'-DDE	6.192	5.229	124.9E6	212.6E6	51.304	53.022
13) MA Dieldrin	6.343	5.361	131.5E6	210.2E6	47.371	48.940
14) MA Endrin	6.572	5.636	107.3E6	180.3E6	45.759m	48.833
15) B Endosulfa...	6.794	5.931	112.4E6	180.7E6	46.658	48.777
16) A 4,4'-DDD	6.710	5.784	103.6E6	170.3E6	54.501	53.947
17) MA 4,4'-DDT	7.023	6.035	95307062	157.0E6	48.329	48.233
18) B Endrin al...	6.924	6.111	87990160	136.5E6	45.261	44.845
19) B Endosulfa...	7.159	6.334	102.7E6	167.4E6	45.367	46.929
20) A Methoxychlor	7.500	6.610	49709035	82322200	47.642	46.038
21) B Endrin ke...	7.644	6.839	115.5E6	193.5E6	45.777	46.117
22) Mirex	8.117	7.019	85395308	144.1E6	41.006	42.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
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 Acq On : 31 Jan 2025 20:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

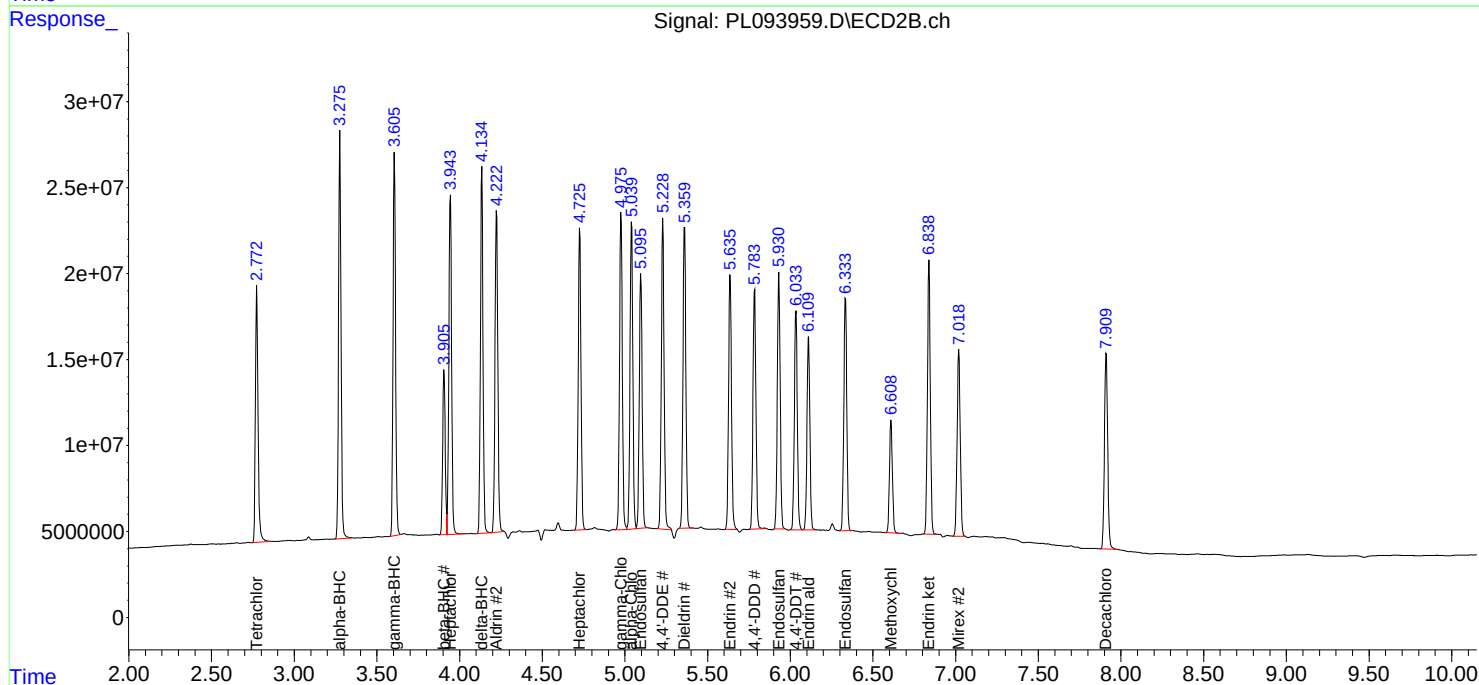
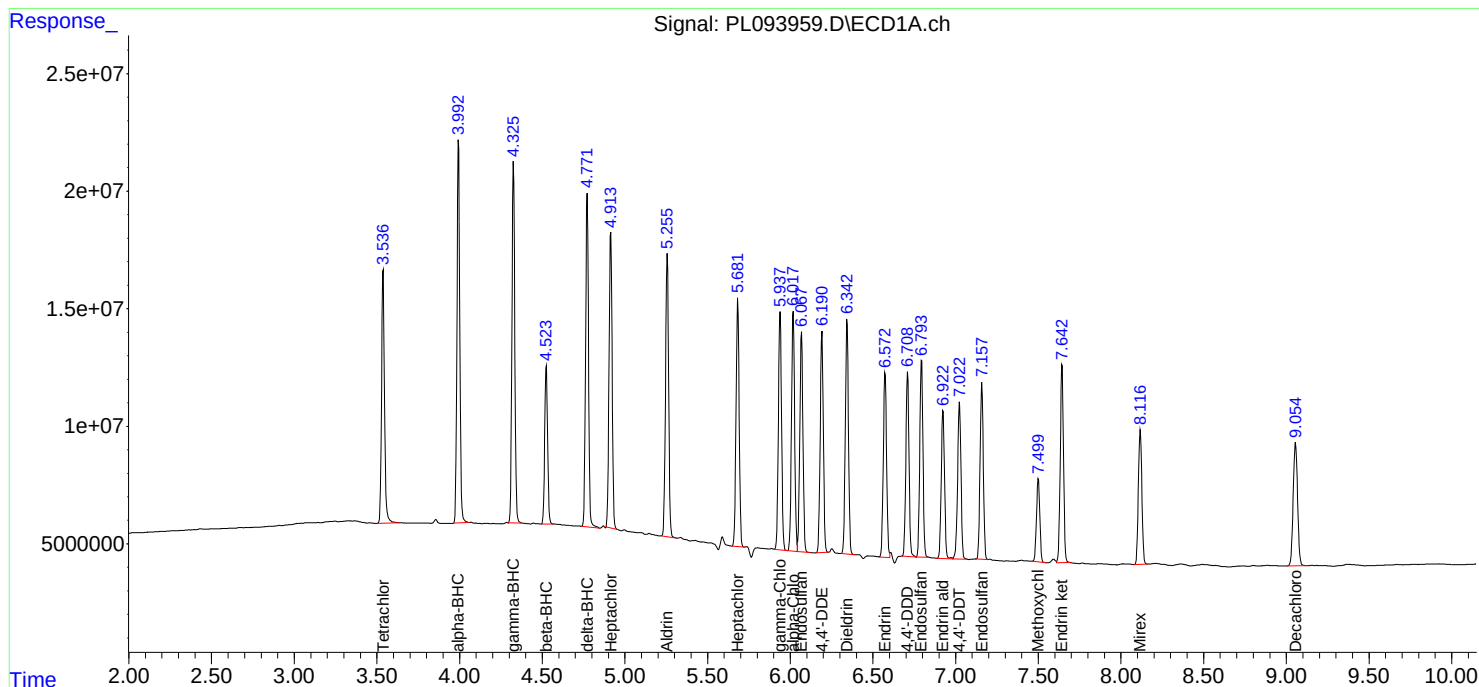
APPROVED

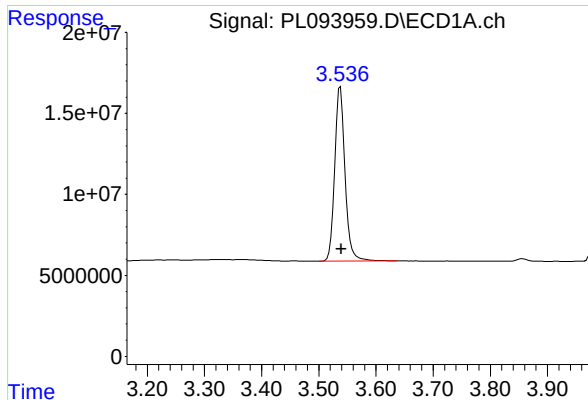
Reviewed By :Abdul Mirza 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:33:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





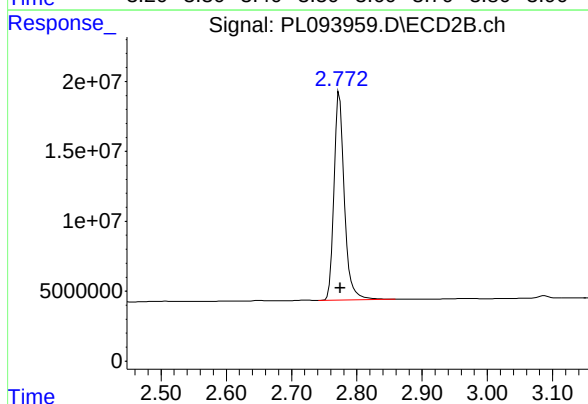
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 134495166
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

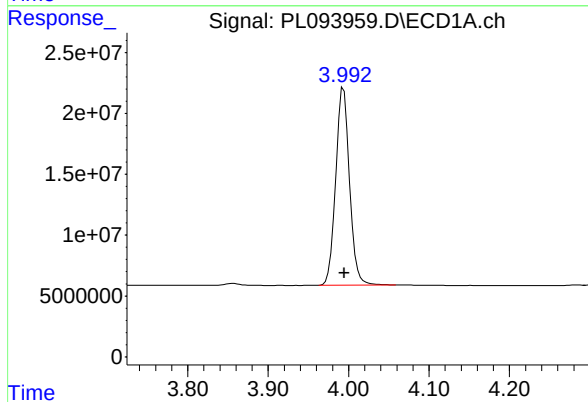
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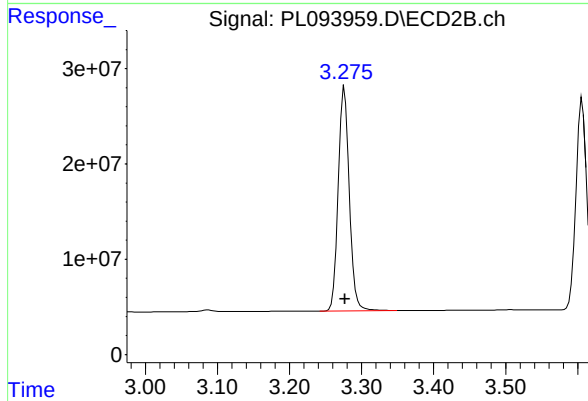
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.000 min
Response: 164039017
Conc: 50.25 ng/ml



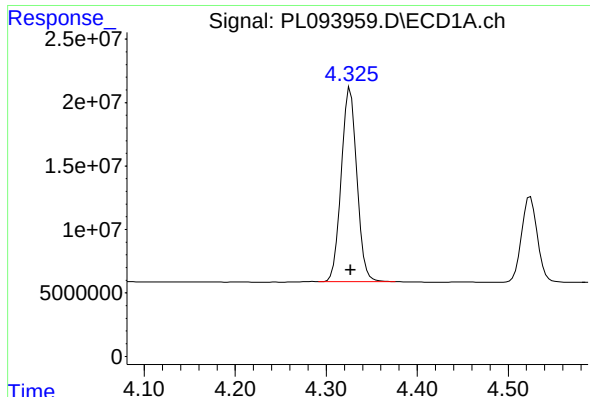
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 194333908
Conc: 50.69 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 248614691
Conc: 50.85 ng/ml



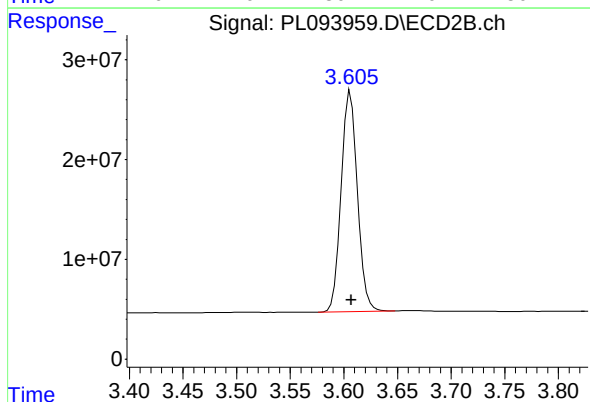
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 182334965
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

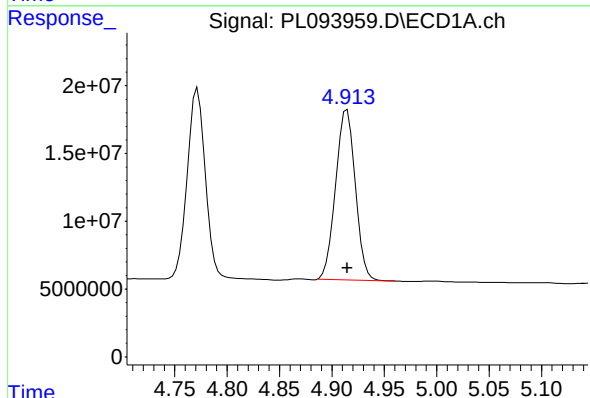
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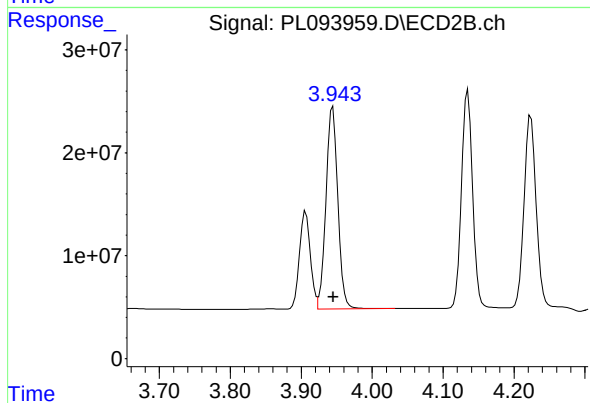
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 233380358
Conc: 49.22 ng/ml



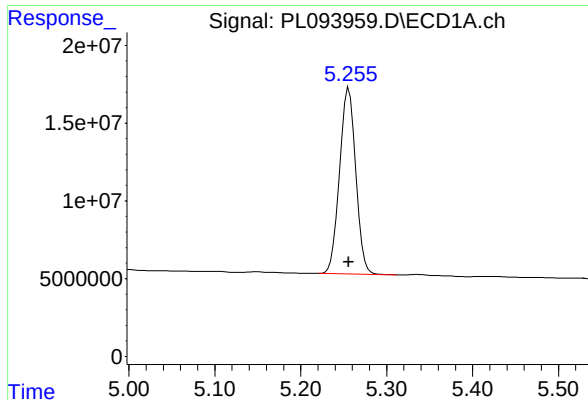
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 163422577
Conc: 49.86 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 229039951
Conc: 49.21 ng/ml



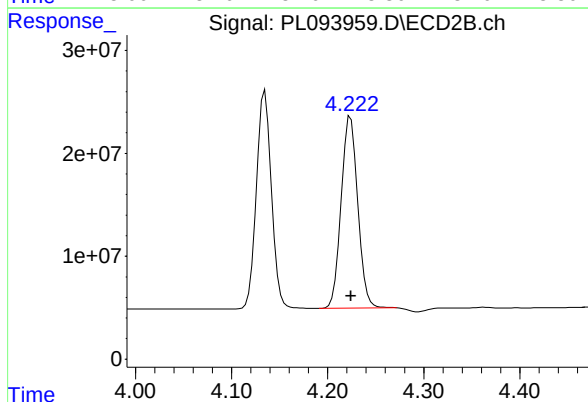
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 156405208
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

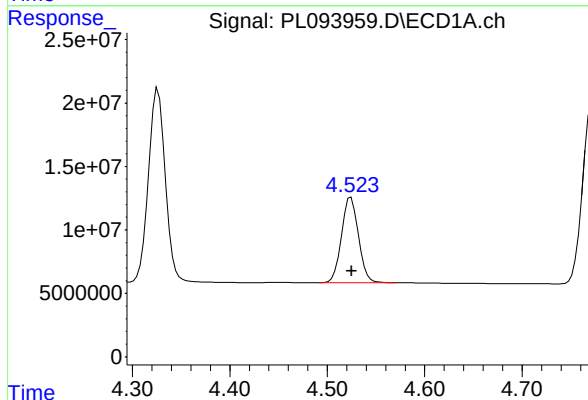
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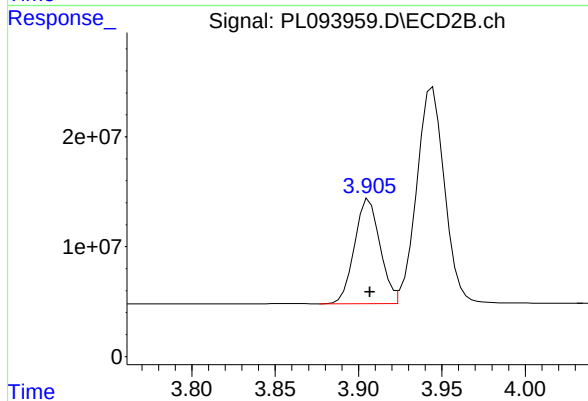
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 221518046
Conc: 48.56 ng/ml



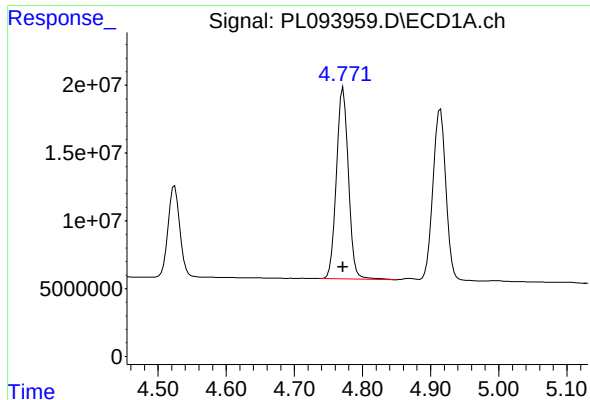
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 81325359
Conc: 50.60 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 101169833
Conc: 50.65 ng/ml



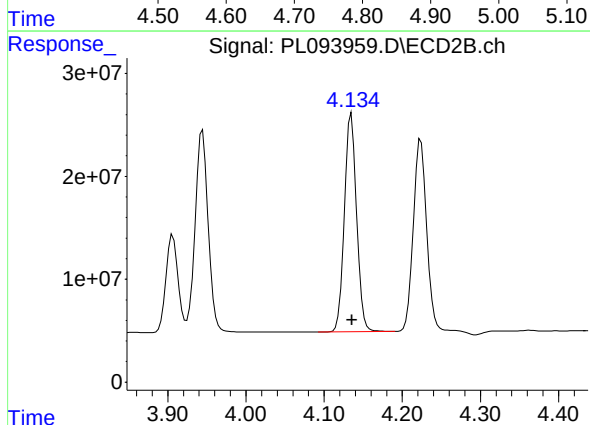
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 172125561
Conc: 49.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

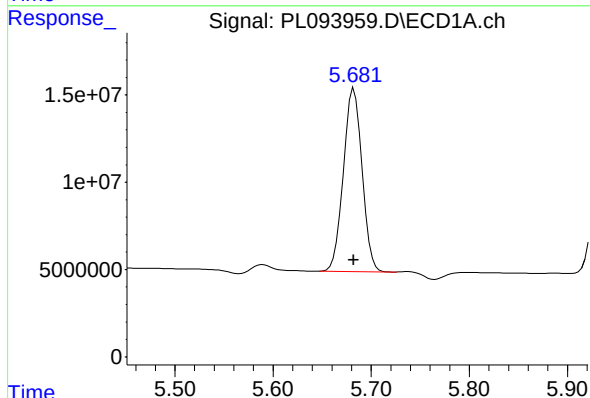
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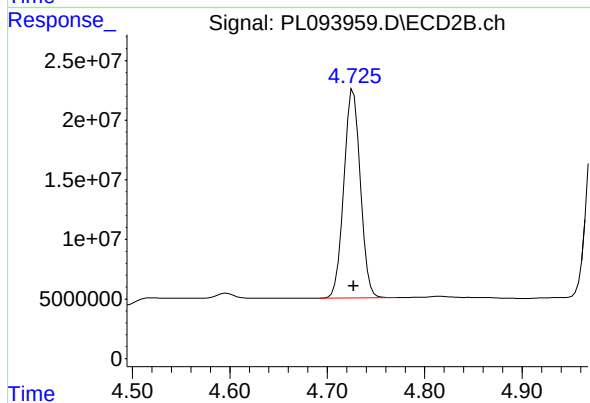
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 230407963
Conc: 48.49 ng/ml



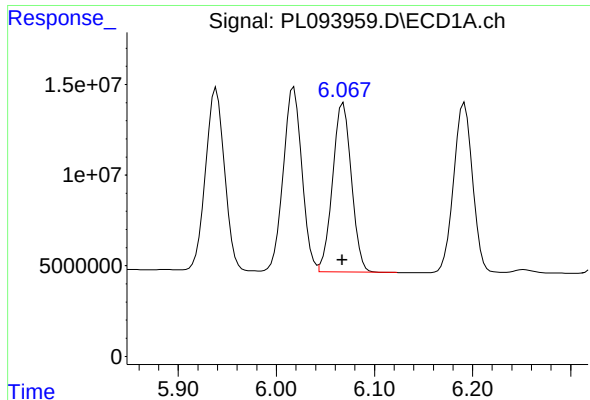
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 138792617
Conc: 46.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 205068803
Conc: 49.06 ng/ml



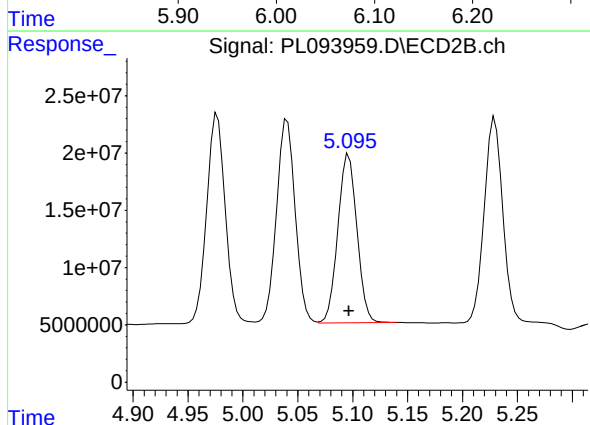
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 124157471
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

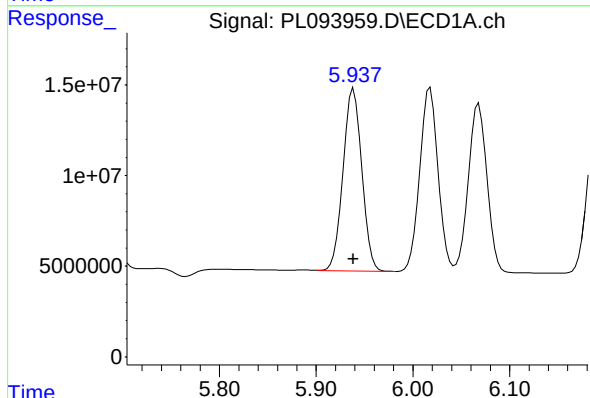
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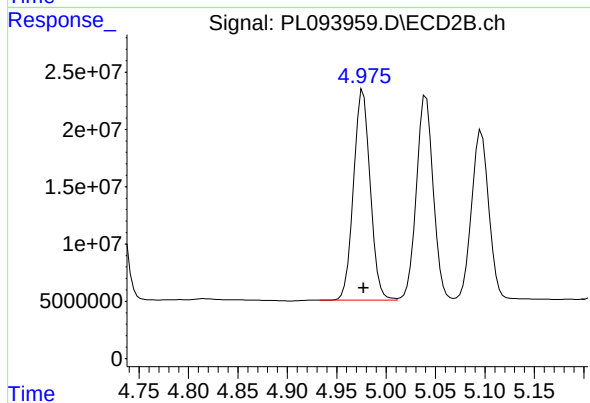
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 177517018
Conc: 45.79 ng/ml



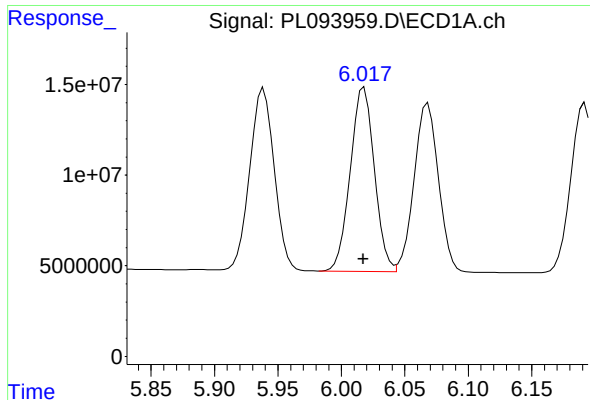
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 134996839
Conc: 48.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 215667901
Conc: 50.89 ng/ml m



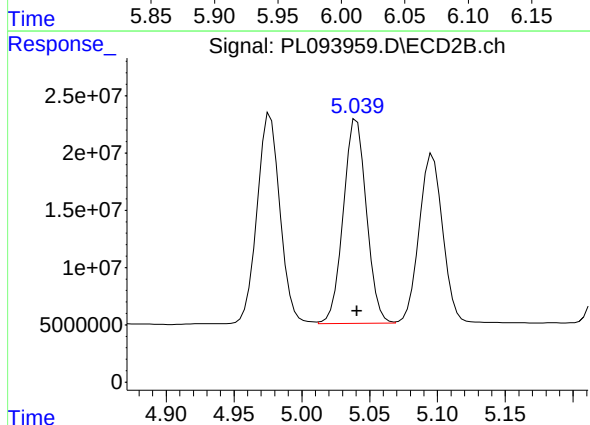
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 134040951
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

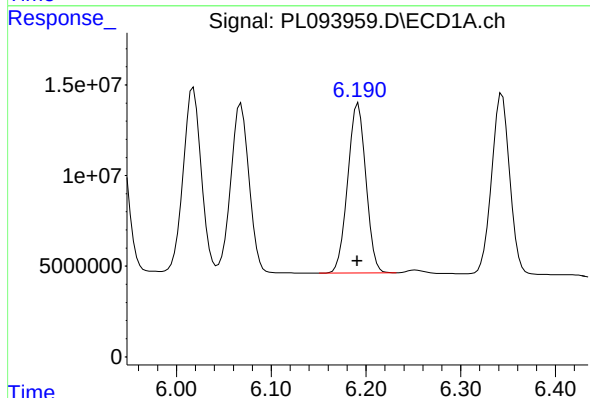
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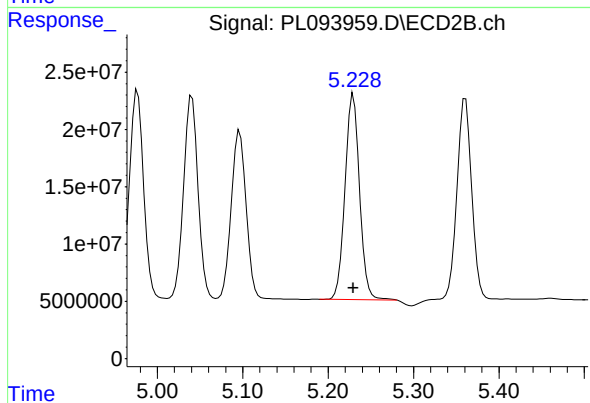
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 211040317
Conc: 50.41 ng/ml



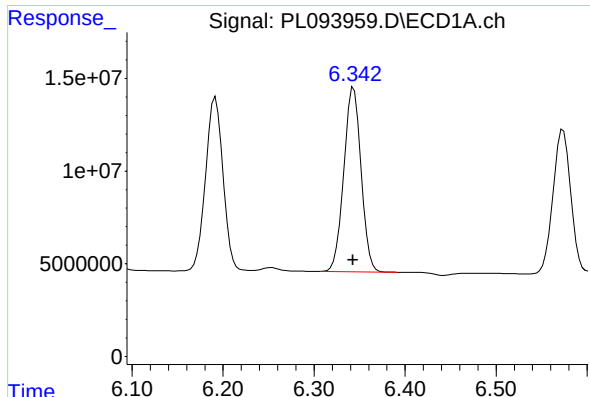
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 124903447
Conc: 51.30 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 212589791
Conc: 53.02 ng/ml



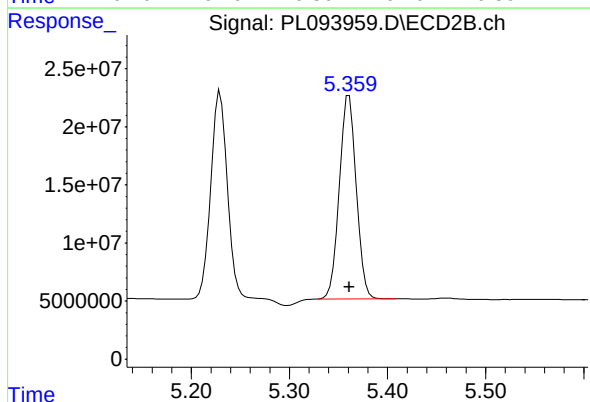
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 131494756
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

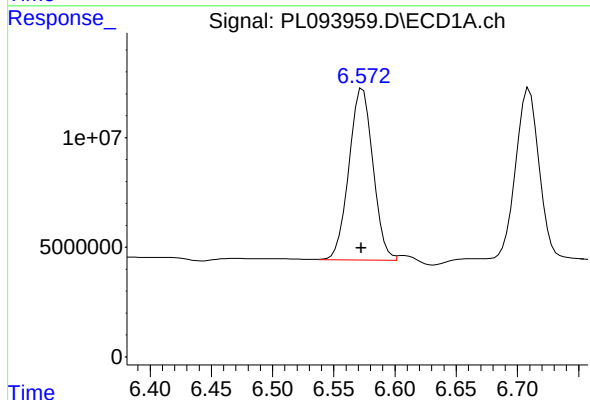
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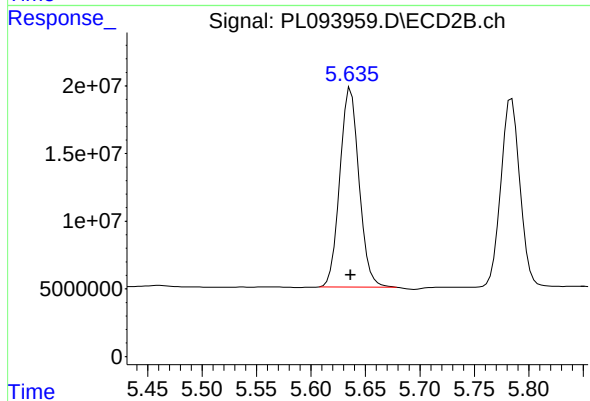
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 210228997
Conc: 48.94 ng/ml



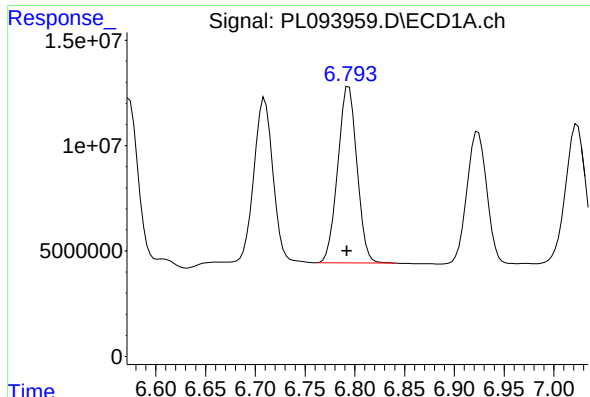
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 107296542
Conc: 45.76 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 180323797
Conc: 48.83 ng/ml



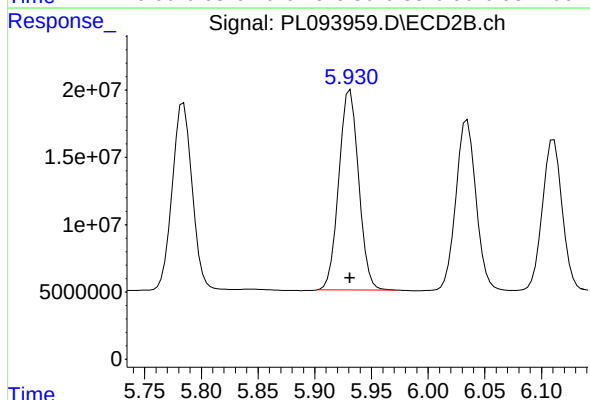
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 112415926
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

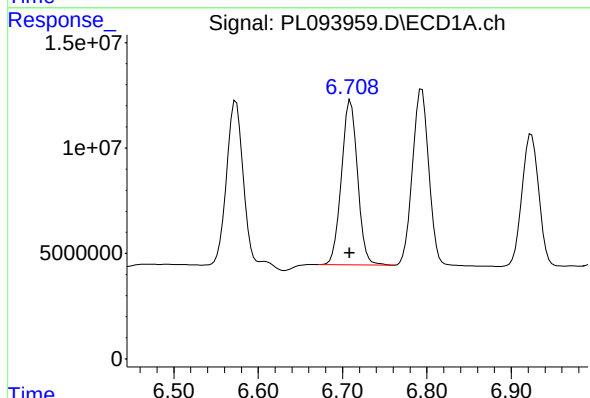
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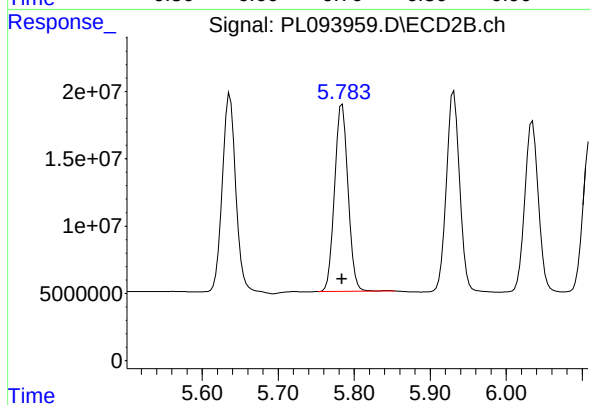
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 180661726
Conc: 48.78 ng/ml



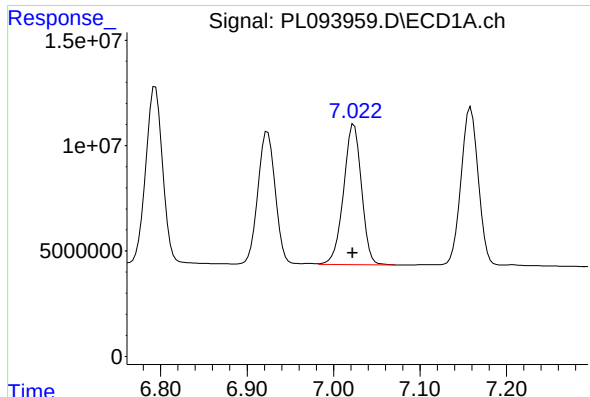
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 103581747
Conc: 54.50 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 170285310
Conc: 53.95 ng/ml



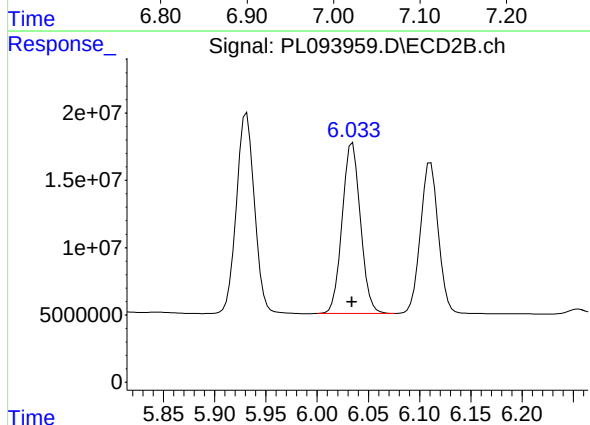
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 95307062
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

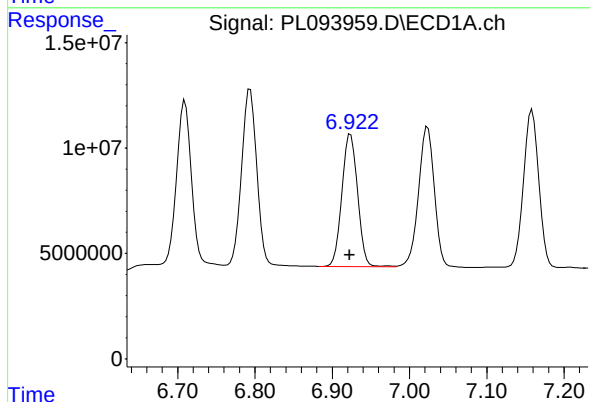
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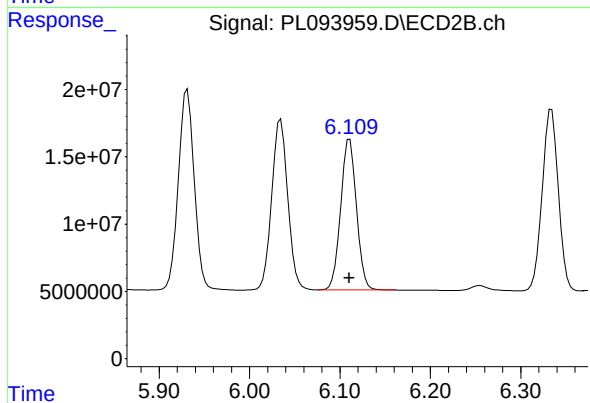
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 156951923
Conc: 48.23 ng/ml



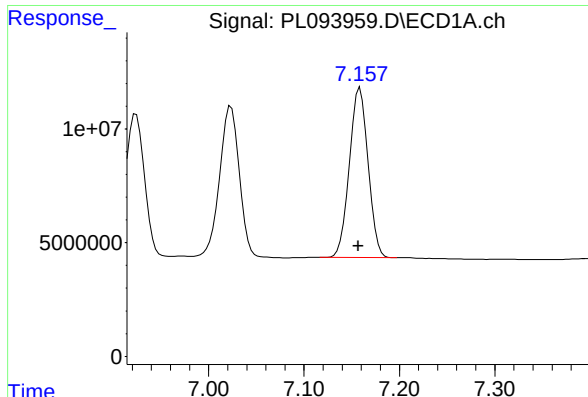
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 87990160
Conc: 45.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 136537004
Conc: 44.85 ng/ml



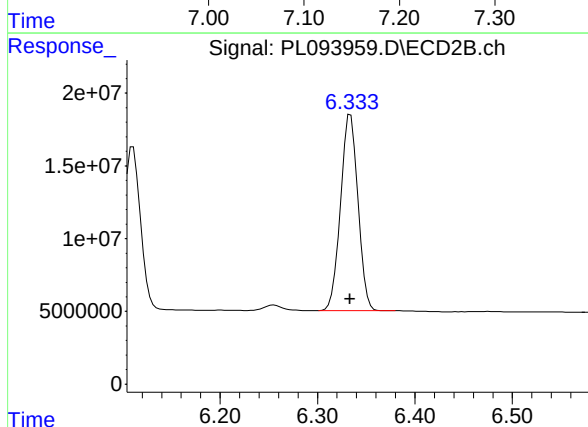
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 102700044
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

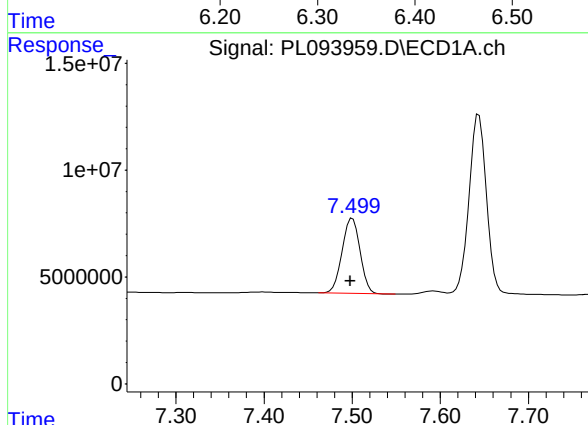
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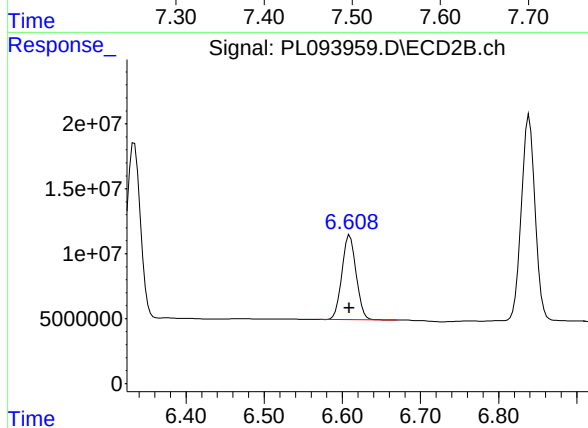
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 167352654
Conc: 46.93 ng/ml



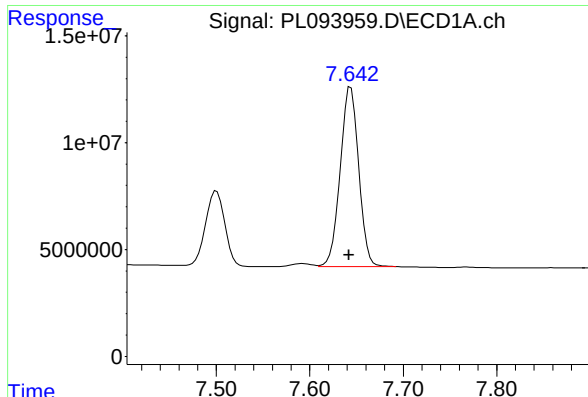
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 49709035
Conc: 47.64 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 82322200
Conc: 46.04 ng/ml



#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 115478712
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#21 Endrin ketone

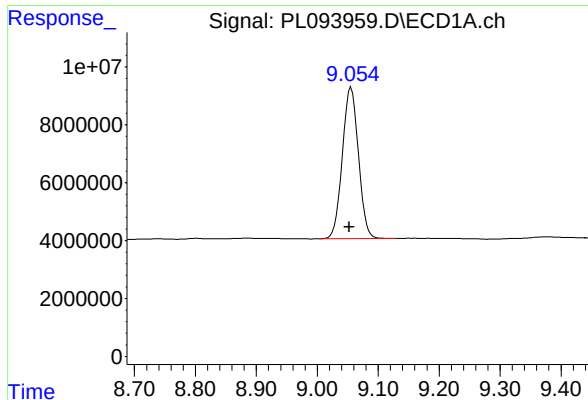
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 193472127
Conc: 46.12 ng/ml

#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 85395308
Conc: 41.01 ng/ml

#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 144060209
Conc: 42.60 ng/ml



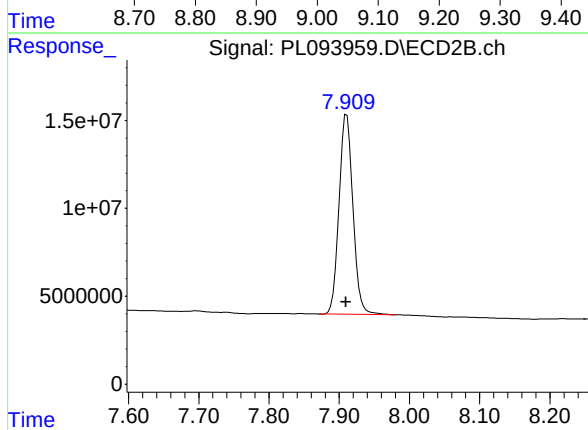
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.003 min
Response: 95956611
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 155951173
Conc: 44.51 ng/ml