

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
 Data File : PL095935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 20:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:13:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.572	2.885	171.6E6	223.4E6	54.375	57.083
28)	SA Decachlor...	9.098	8.059	101.4E6	179.6E6	43.039	41.059
Target Compounds							
2)	A alpha-BHC	4.024	3.395	264.8E6	345.1E6	54.617	58.925
3)	MA gamma-BHC...	4.355	3.728	242.8E6	324.2E6	54.293	57.878
4)	MA Heptachlor	4.953	4.081	196.6E6	308.6E6	51.931	55.020
5)	MB Aldrin	5.295	4.365	219.9E6	309.1E6	51.412	58.249
6)	B beta-BHC	4.543	4.024	103.9E6	140.2E6	52.725	56.598
7)	B delta-BHC	4.791	4.259	231.9E6	320.5E6	52.301	56.750
8)	B Heptachlo...	5.716	4.867	192.8E6	275.8E6	50.519	55.861
9)	A Endosulfan I	6.099	5.239	180.1E6	242.7E6	49.132	50.934
10)	B gamma-Chl...	5.971	5.119	199.5E6	287.4E6	51.268	54.723
11)	B alpha-Chl...	6.052	5.184	193.8E6	280.0E6	49.083	53.824
12)	B 4,4'-DDE	6.222	5.369	173.8E6	276.4E6	47.372	51.547m
13)	MA Dieldrin	6.373	5.504	191.2E6	279.5E6	49.545	52.737
14)	MA Endrin	6.600	5.779	140.3E6	232.6E6	43.478	47.699
15)	B Endosulfa...	6.812	6.069	159.5E6	234.7E6	46.275	49.402
16)	A 4,4'-DDD	6.732	5.923	144.4E6	235.3E6	49.284	53.652
17)	MA 4,4'-DDT	7.047	6.176	114.0E6	198.8E6	42.129	41.573
18)	B Endrin al...	6.941	6.248	111.5E6	167.1E6	46.120	48.379
19)	B Endosulfa...	7.176	6.471	139.2E6	218.3E6	46.607	48.571
20)	A Methoxychlor	7.519	6.746	53177142	104.7E6	41.697	40.038
21)	B Endrin ke...	7.657	6.976	148.7E6	246.9E6	46.967	47.726
22)	Mirex	8.138	7.169	104.4E6	177.8E6	45.127	43.797

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
Data File : PL095935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 20:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

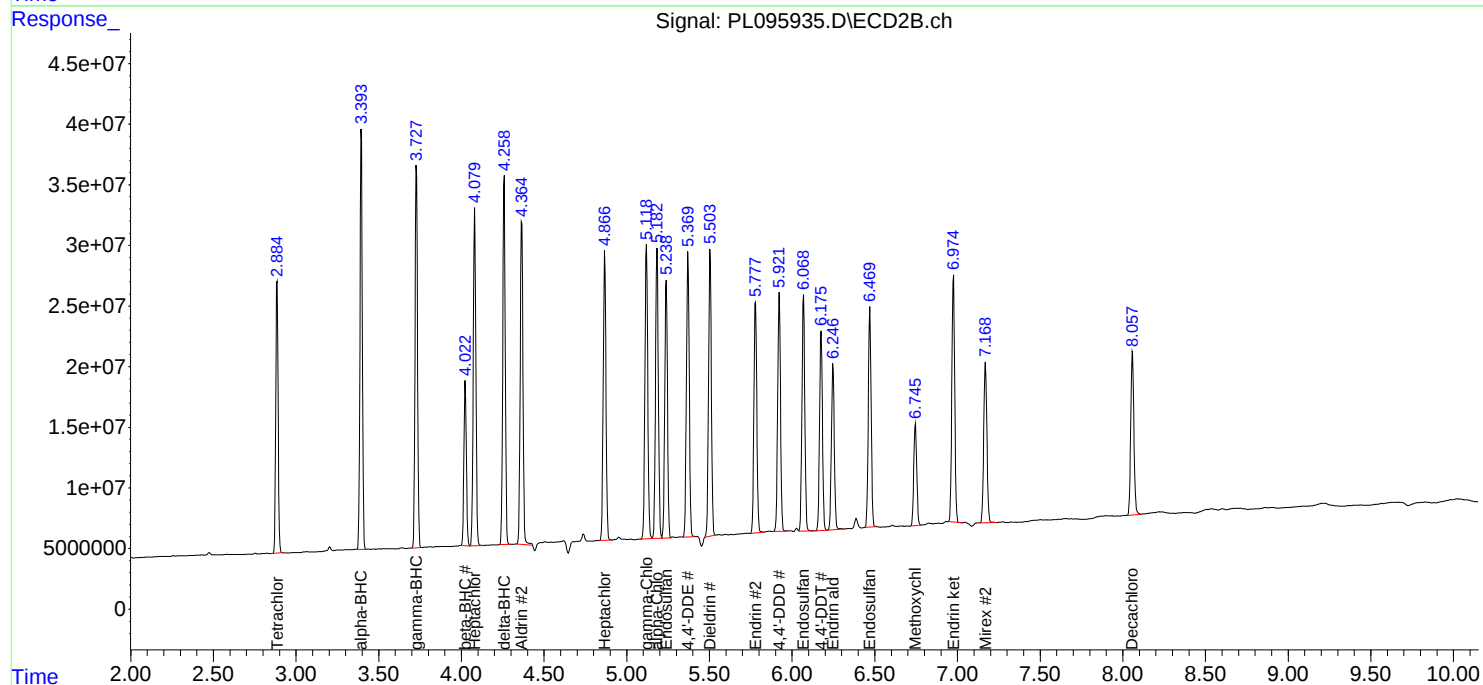
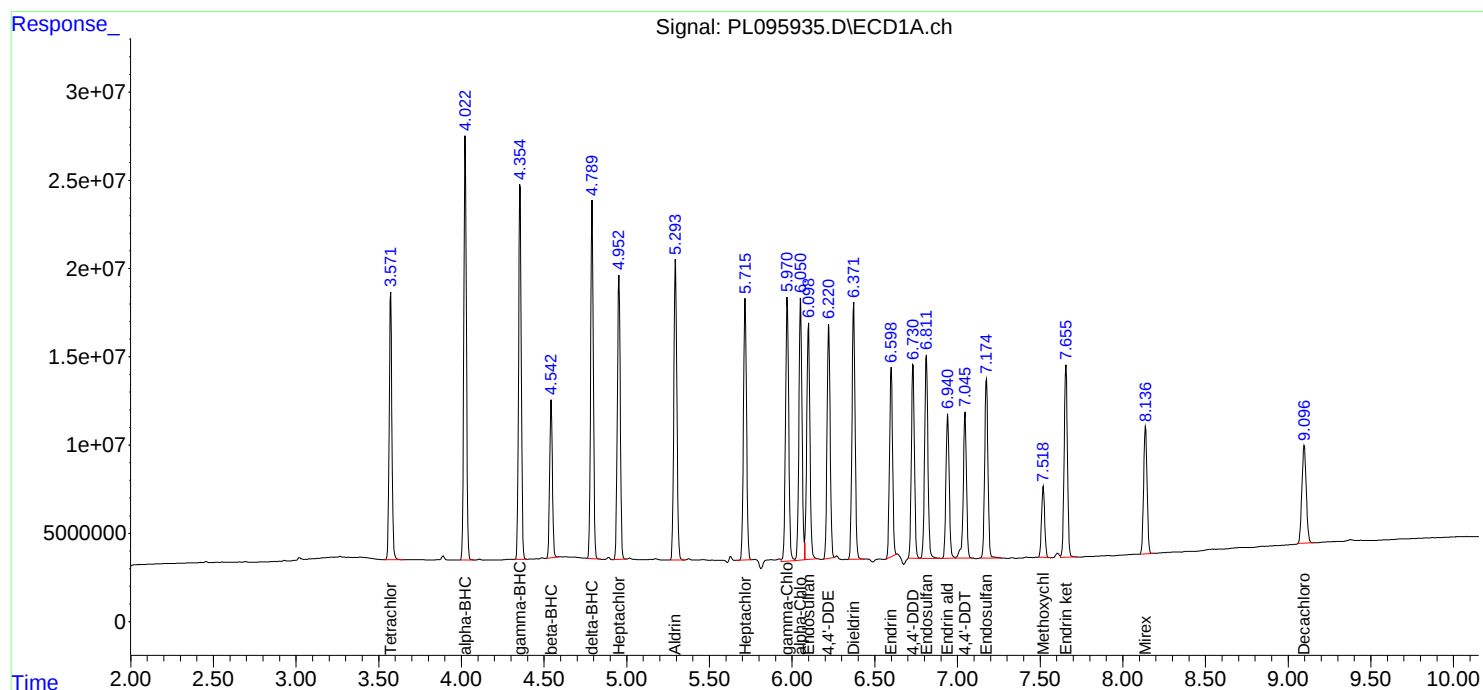
APPROVED

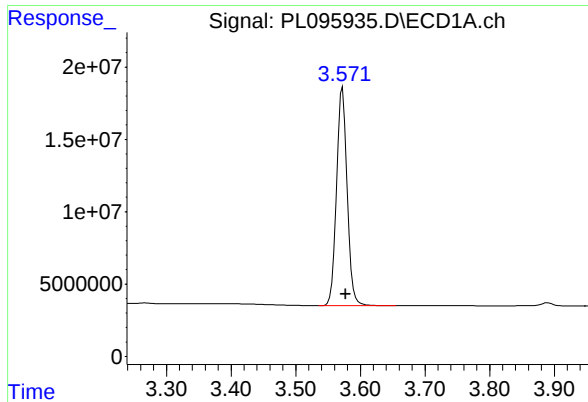
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 02:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





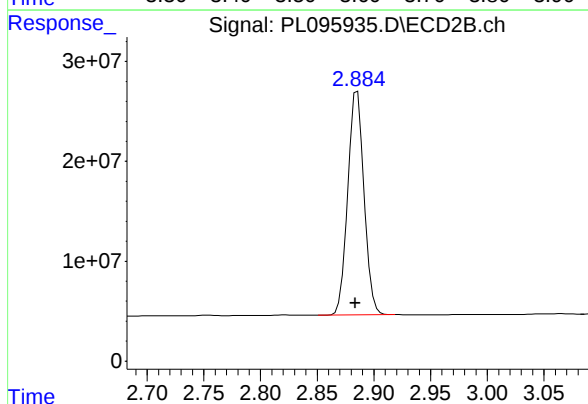
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 171569134
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

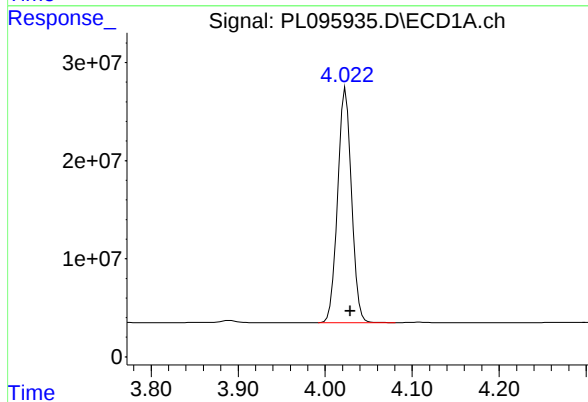
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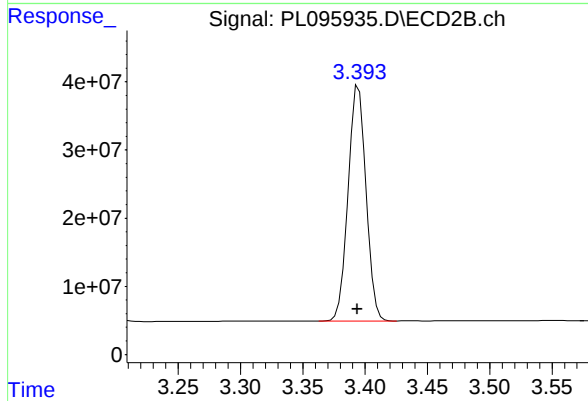
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 223417398
Conc: 57.08 ng/ml



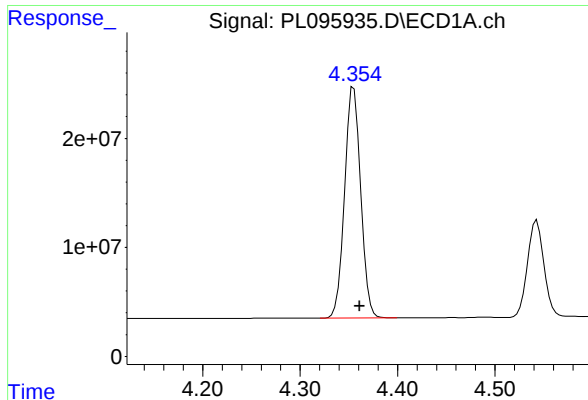
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.006 min
Response: 264779301
Conc: 54.62 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 345141853
Conc: 58.92 ng/ml



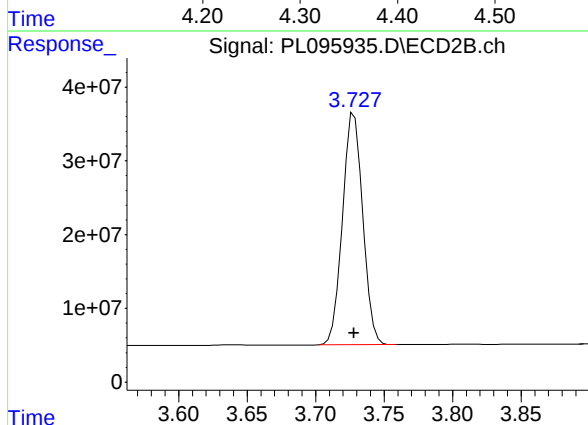
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 242791107
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

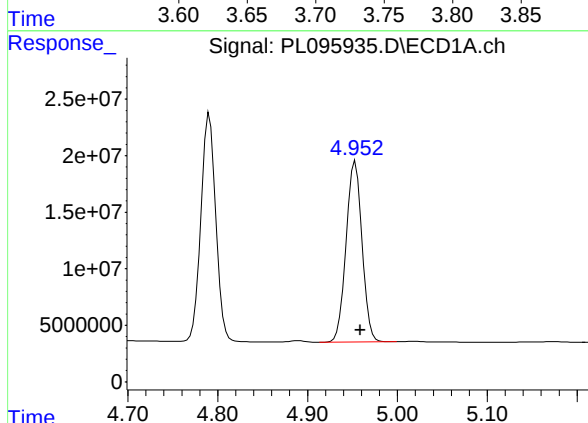
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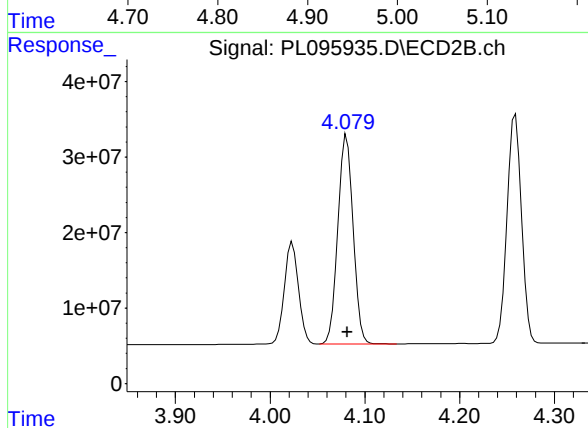
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 324185604
Conc: 57.88 ng/ml



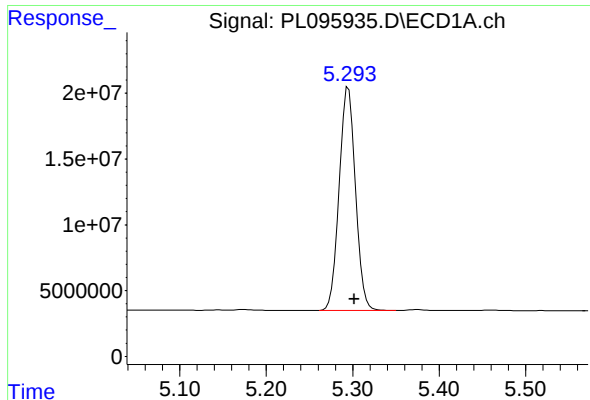
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 196561076
Conc: 51.93 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 308608501
Conc: 55.02 ng/ml



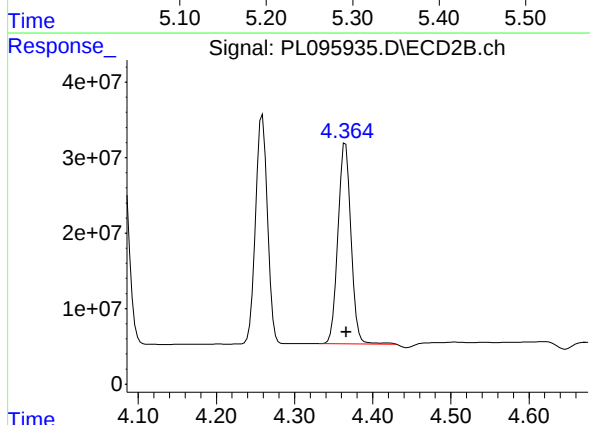
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 219928509
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

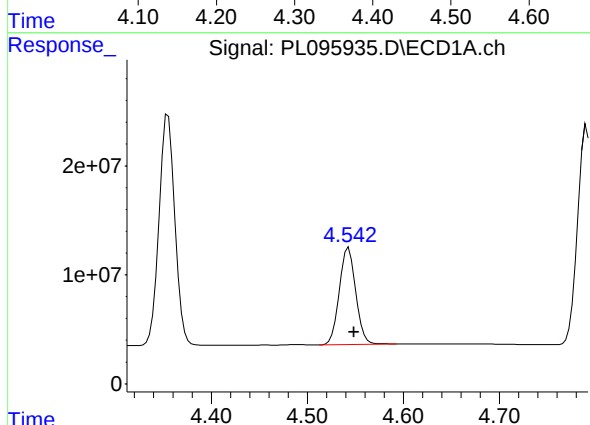
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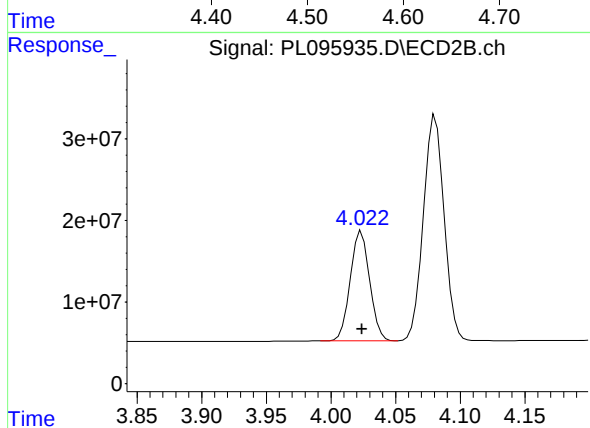
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.001 min
Response: 309133262
Conc: 58.25 ng/ml



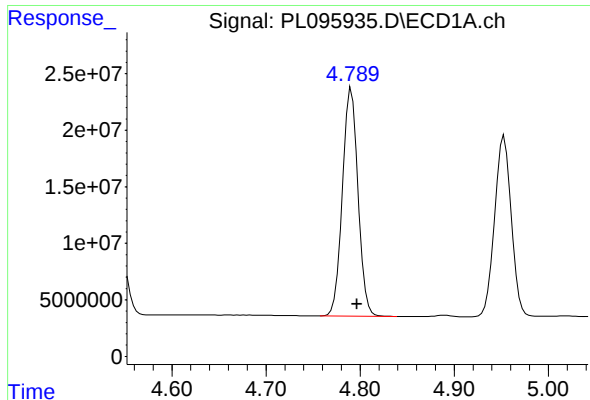
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 103940106
Conc: 52.72 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 140224524
Conc: 56.60 ng/ml



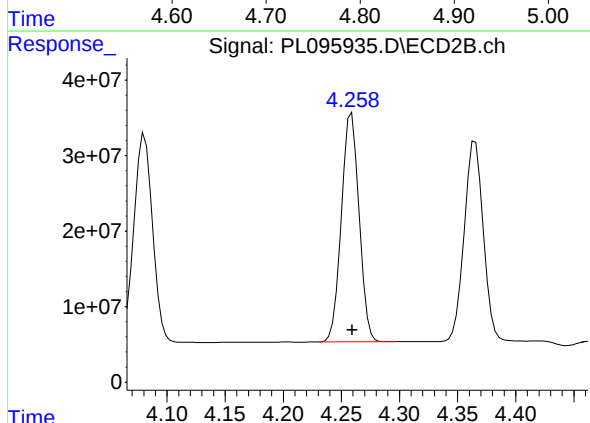
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.006 min
Response: 231882039
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

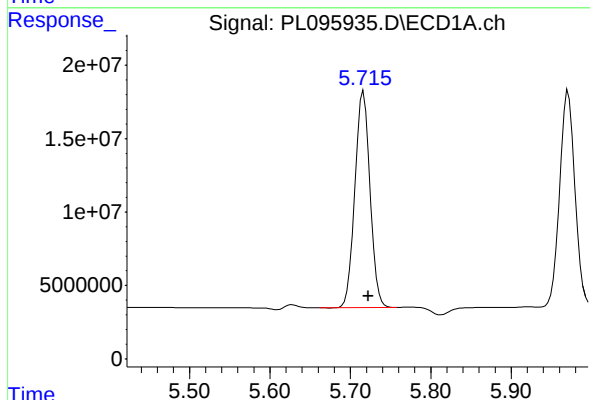
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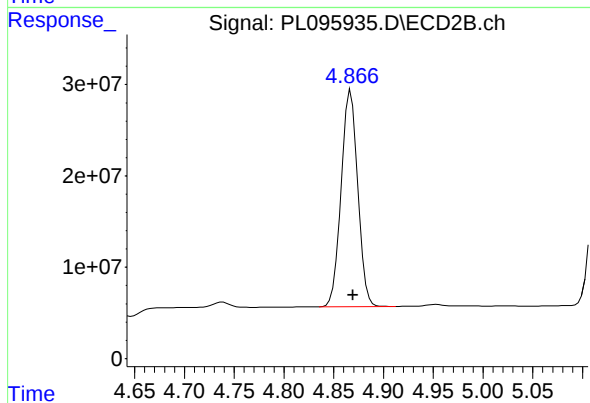
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 320486291
Conc: 56.75 ng/ml



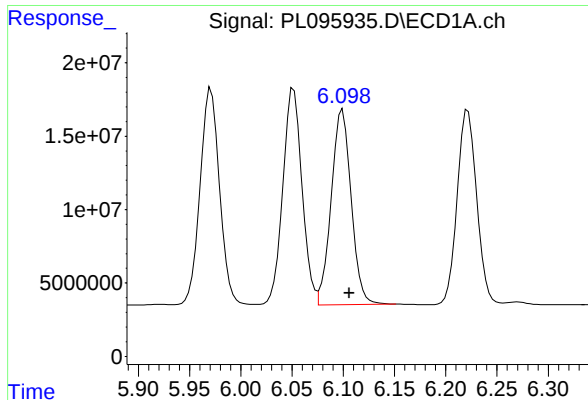
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 192824258
Conc: 50.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 275808352
Conc: 55.86 ng/ml



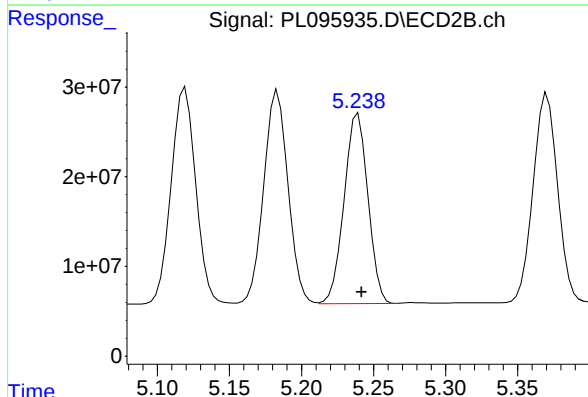
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 180061728
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

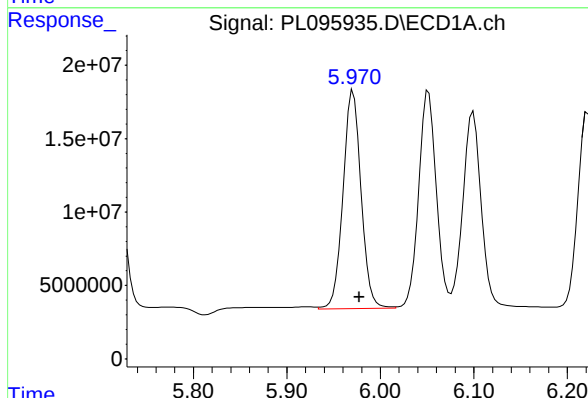
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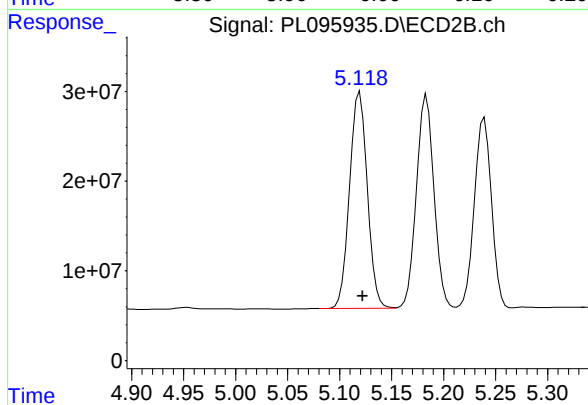
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 242701187
Conc: 50.93 ng/ml



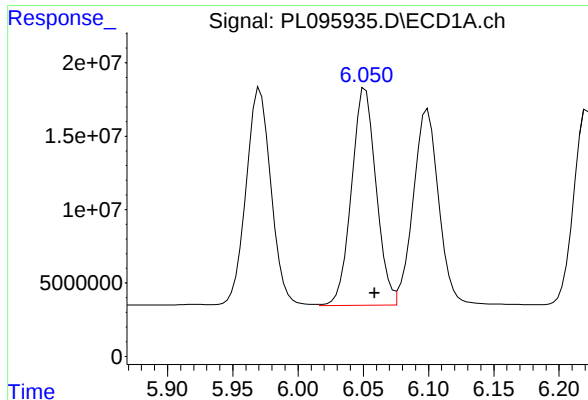
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 199541236
Conc: 51.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 287442096
Conc: 54.72 ng/ml



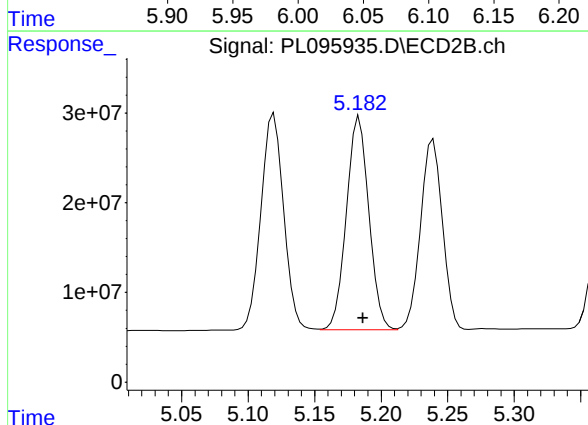
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 193789642
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

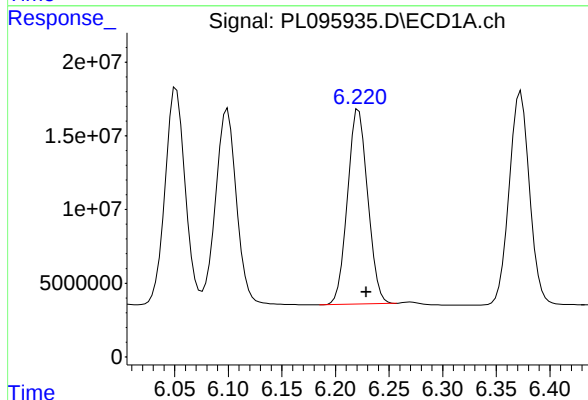
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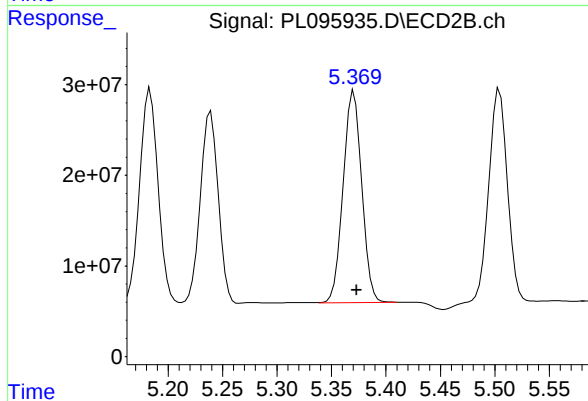
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 280035193
Conc: 53.82 ng/ml



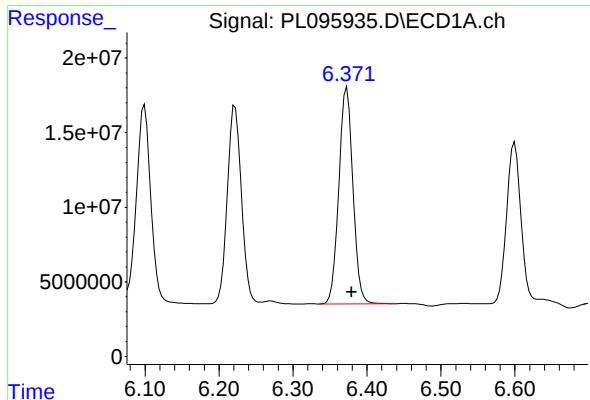
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 173755908
Conc: 47.37 ng/ml



#12 4,4'-DDE

R.T.: 5.369 min
Delta R.T.: -0.004 min
Response: 276401830
Conc: 51.55 ng/ml m



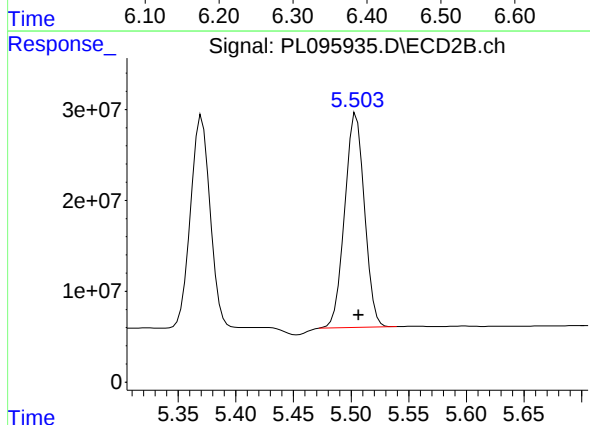
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 191204880
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

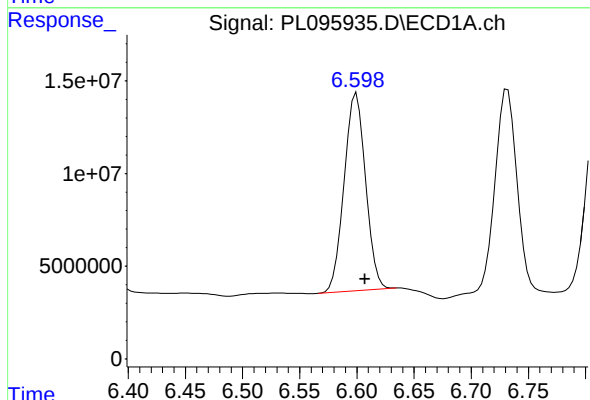
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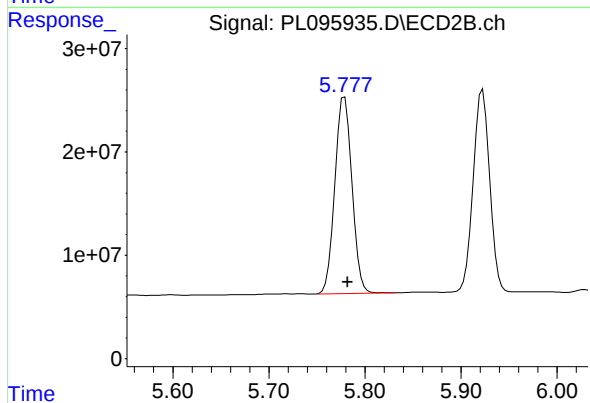
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 279512986
Conc: 52.74 ng/ml



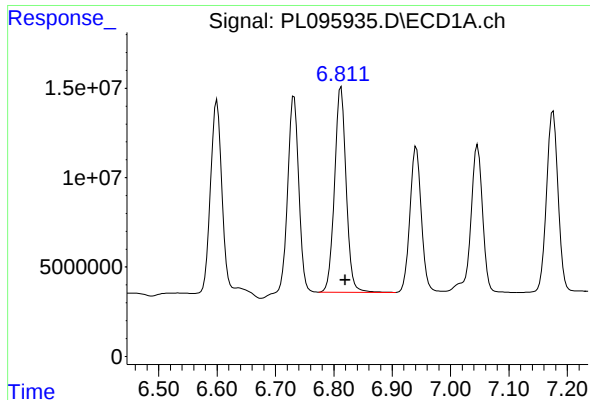
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 140291382
Conc: 43.48 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 232584037
Conc: 47.70 ng/ml



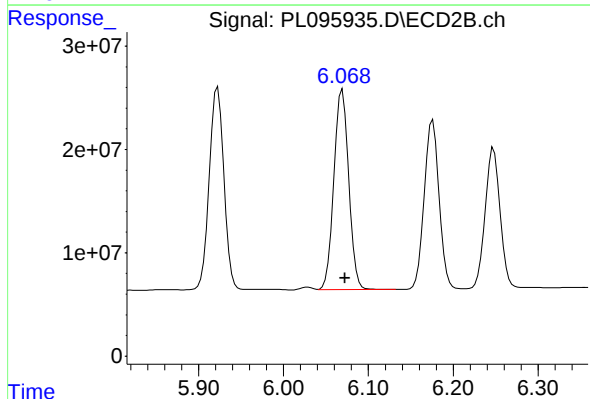
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 159466613
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

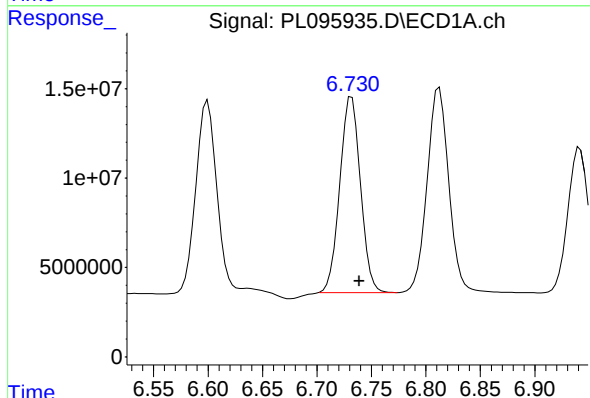
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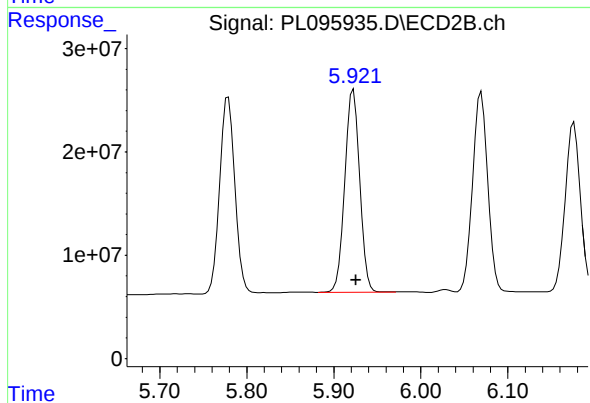
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.003 min
Response: 234747075
Conc: 49.40 ng/ml



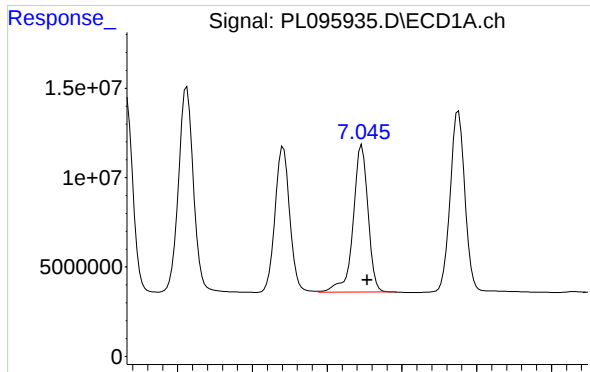
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 144432142
Conc: 49.28 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 235259389
Conc: 53.65 ng/ml



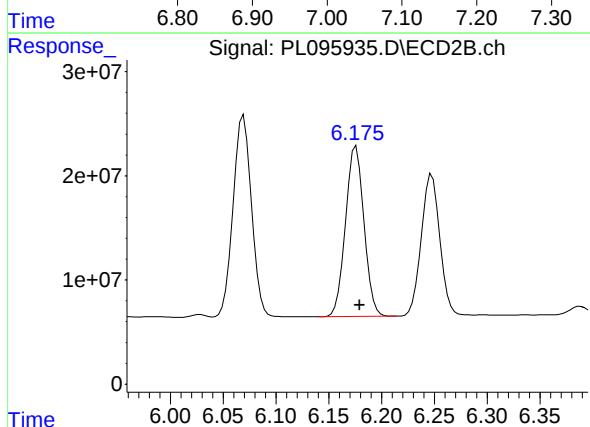
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 113964358
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

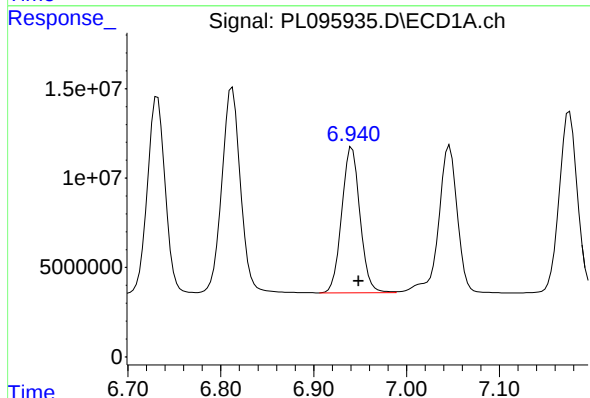
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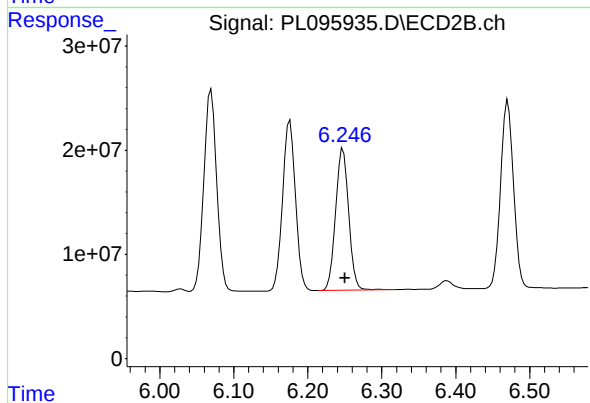
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 198827800
Conc: 41.57 ng/ml



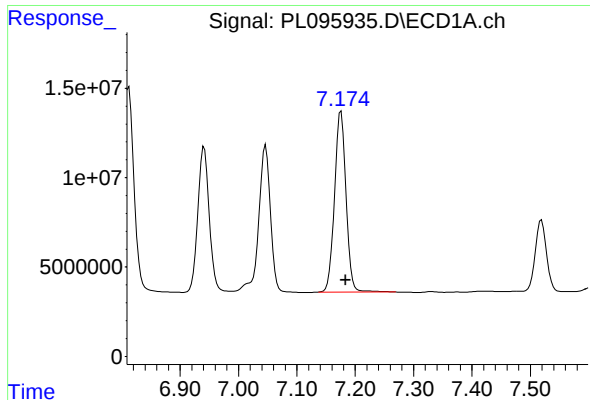
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 111500508
Conc: 46.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 167115957
Conc: 48.38 ng/ml



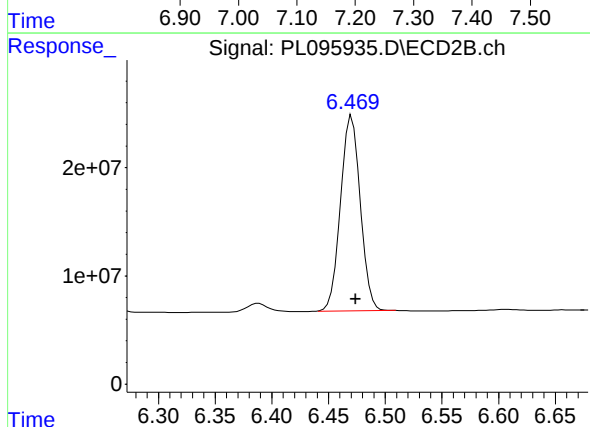
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.008 min
Response: 139212322
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

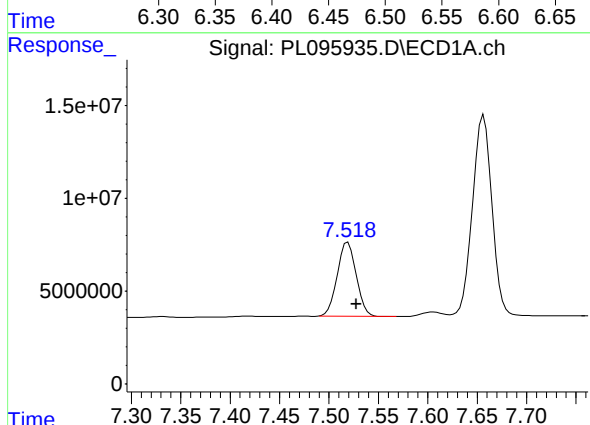
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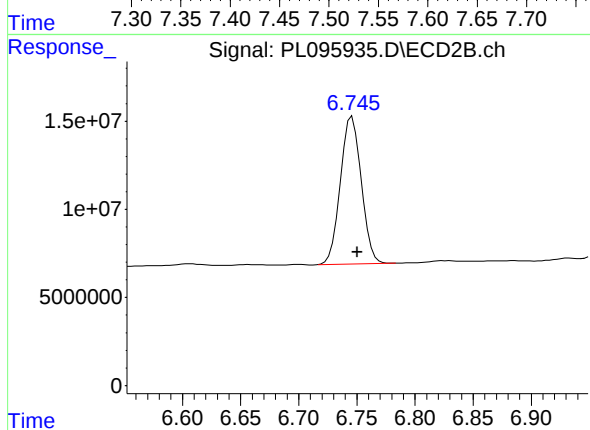
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 218312460
Conc: 48.57 ng/ml



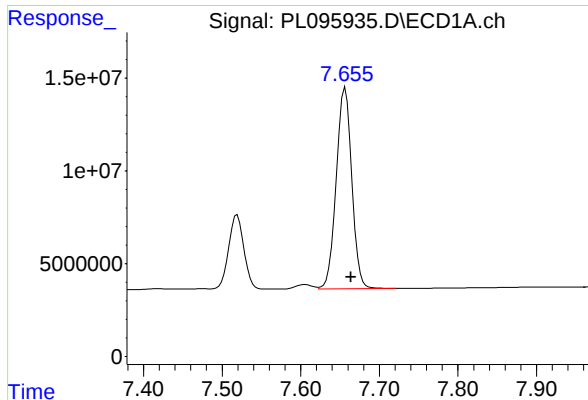
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.008 min
Response: 53177142
Conc: 41.70 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 104743228
Conc: 40.04 ng/ml



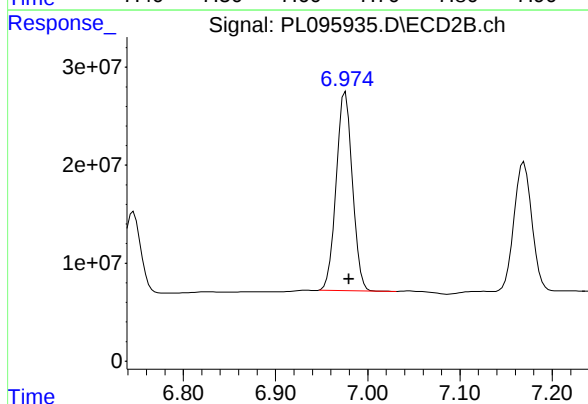
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.008 min
Response: 148739956
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

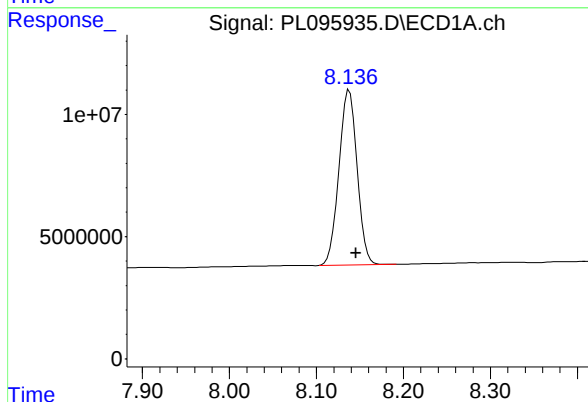
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



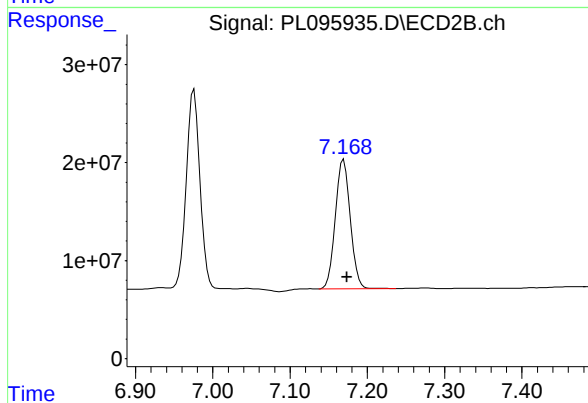
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 246929754
Conc: 47.73 ng/ml



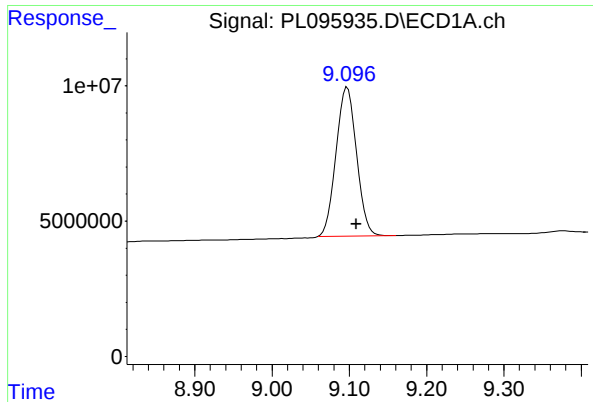
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 104412624
Conc: 45.13 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 177836043
Conc: 43.80 ng/ml



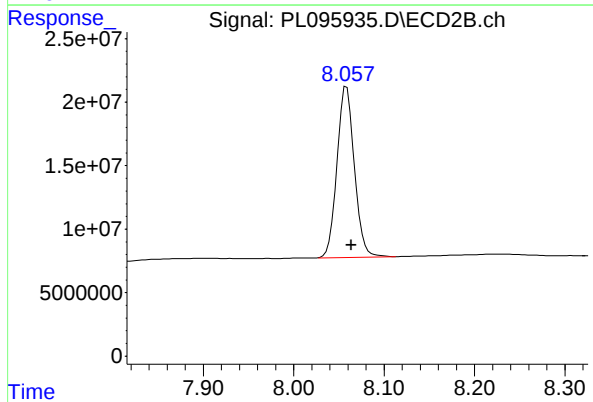
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 101415118
Conc: 43.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 179609217
Conc: 41.06 ng/ml