

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
 Data File : PL095980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 20:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/09/2025
 Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 22:45:00 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	2.884	146.0E6	189.3E6	46.264	48.369
28) SA Decachlor...	9.113	8.067	113.4E6	164.1E6	48.146	37.510
Target Compounds						
2) A alpha-BHC	4.023	3.393	229.0E6	296.1E6	47.245	50.560
3) MA gamma-BHC...	4.355	3.727	218.7E6	289.5E6	48.900	51.690
4) MA Heptachlor	4.953	4.079	190.0E6	287.8E6	50.188	51.311
5) MB Aldrin	5.295	4.362	204.2E6	277.2E6	47.737	52.229m
6) B beta-BHC	4.542	4.022	97965841	131.1E6	49.694	52.896
7) B delta-BHC	4.790	4.257	222.3E6	300.2E6	50.133	53.149
8) B Heptachlo...	5.716	4.866	187.2E6	253.6E6	49.038	51.370
9) A Endosulfan I	6.099	5.239	173.4E6	224.6E6	47.319	47.137
10) B gamma-Chl...	5.969	5.119	186.1E6	272.6E6	47.807m	51.902
11) B alpha-Chl...	6.051	5.184	187.7E6	271.1E6	47.546	52.098
12) B 4,4'-DDE	6.222	5.371	170.6E6	260.1E6	46.519	48.509m
13) MA Dieldrin	6.372	5.504	179.0E6	259.9E6	46.393	49.039m
14) MA Endrin	6.600	5.781	151.0E6	245.3E6	46.797	50.299
15) B Endosulfa...	6.813	6.072	158.4E6	219.5E6	45.967	46.194
16) A 4,4'-DDD	6.734	5.926	139.4E6	211.7E6	47.559	48.277
17) MA 4,4'-DDT	7.050	6.180	127.3E6	212.0E6	47.059	44.329
18) B Endrin al...	6.943	6.251	110.2E6	154.8E6	45.576	44.821
19) B Endosulfa...	7.177	6.475	137.6E6	190.2E6	46.076	42.318
20) A Methoxychlor	7.524	6.752	63594707	106.7E6	49.865	40.781
21) B Endrin ke...	7.660	6.980	148.7E6	214.4E6	46.958	41.433m
22) Mirex	8.142	7.175	110.2E6	156.0E6	47.636	38.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060625\
Data File : PL095980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 20:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

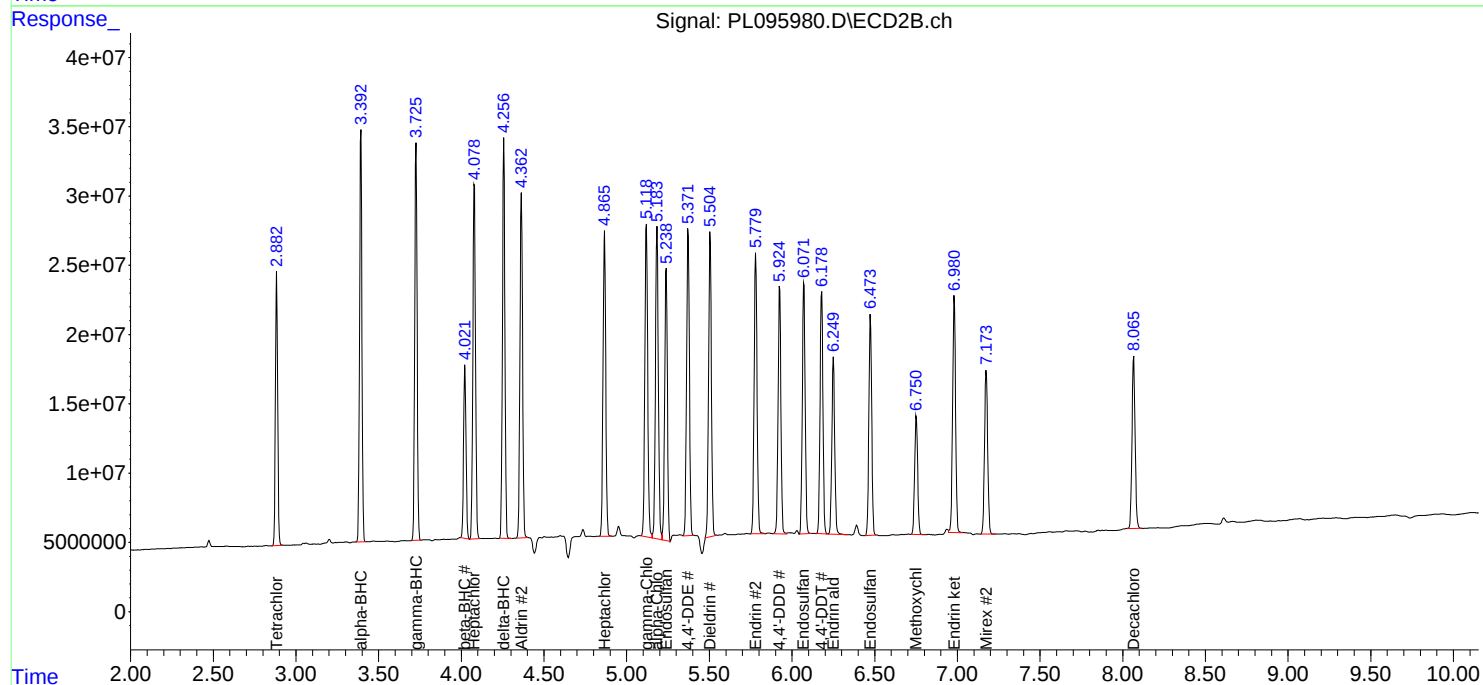
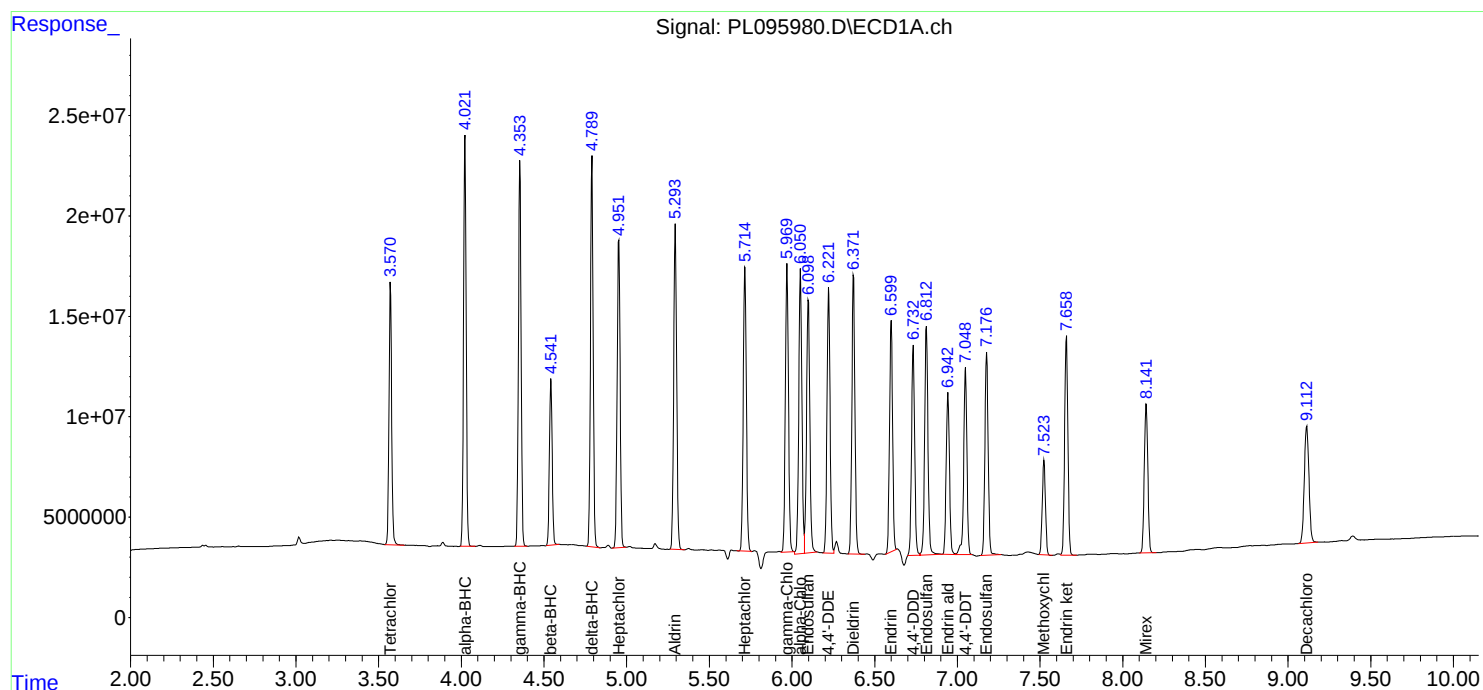
APPROVED

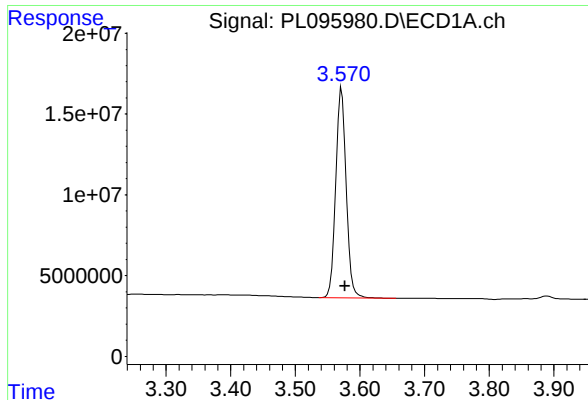
Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 22:45:00 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





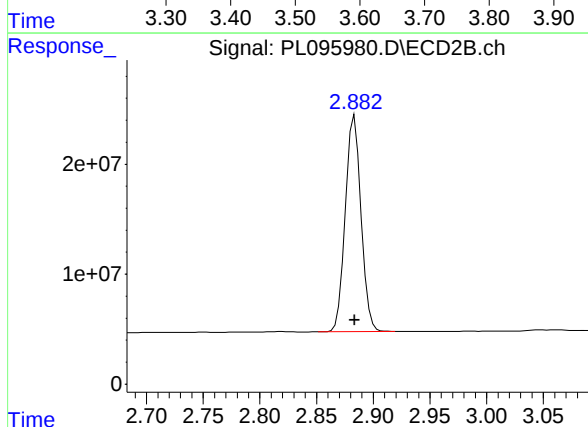
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 145975211
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

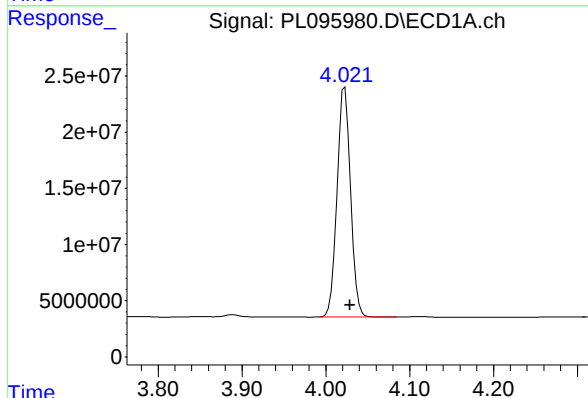
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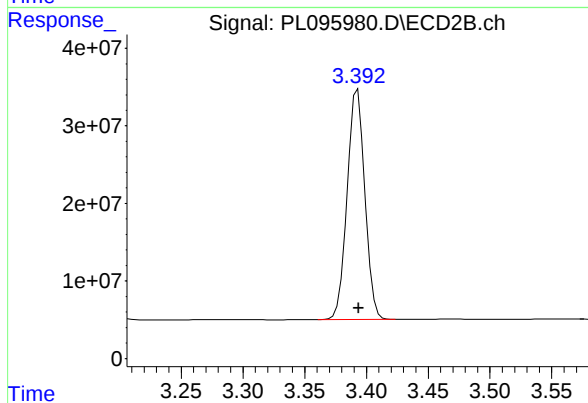
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 189311412
Conc: 48.37 ng/ml



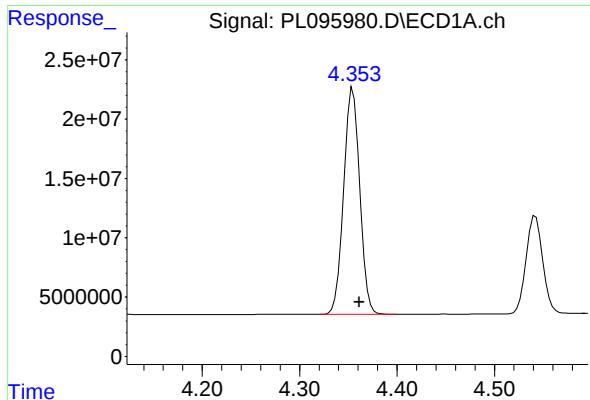
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 229042189
Conc: 47.25 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 296147238
Conc: 50.56 ng/ml



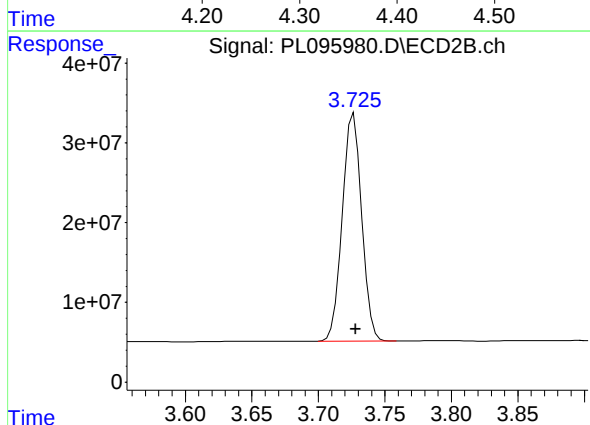
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 218673145
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

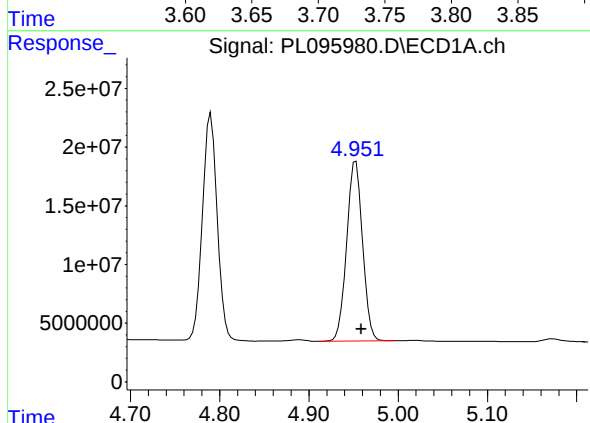
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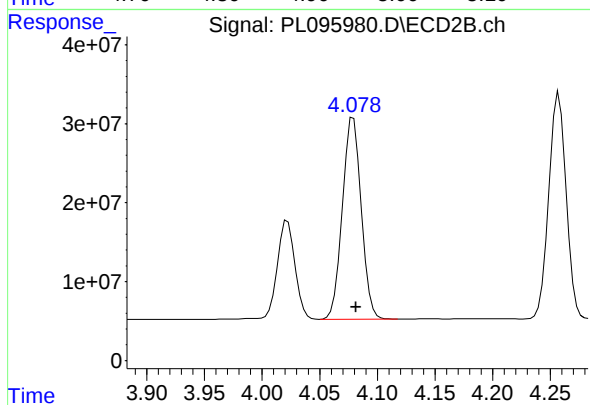
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: -0.001 min
Response: 289527213
Conc: 51.69 ng/ml



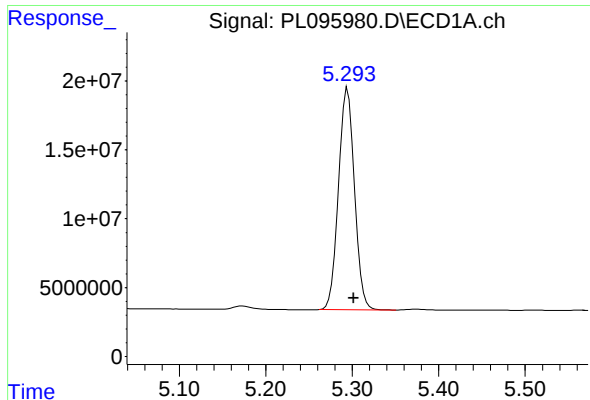
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 189963765
Conc: 50.19 ng/ml



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: -0.002 min
Response: 287808022
Conc: 51.31 ng/ml



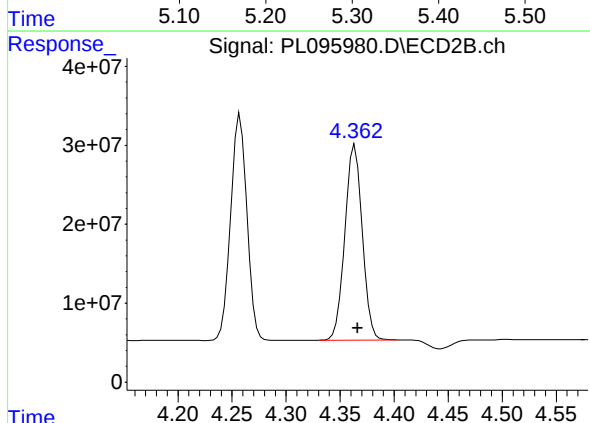
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 204207926
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

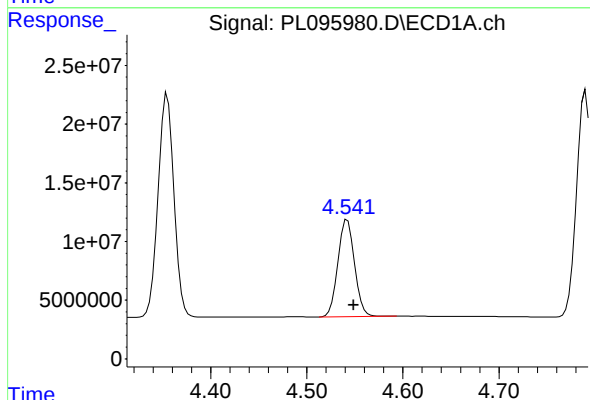
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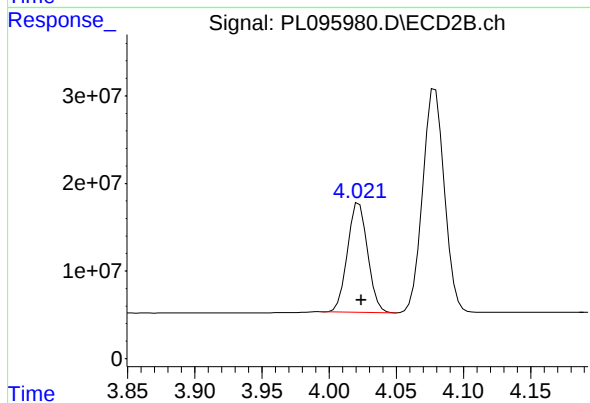
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.004 min
Response: 277185568
Conc: 52.23 ng/ml



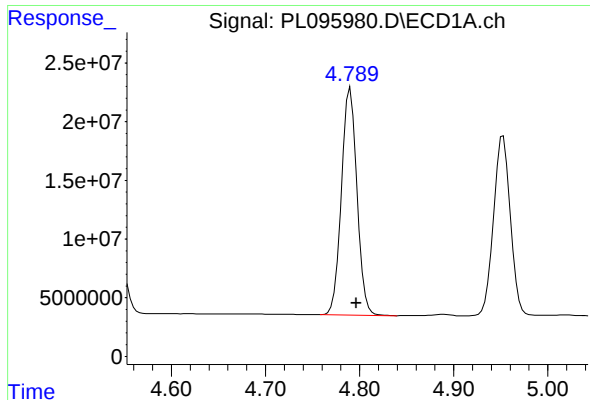
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.007 min
Response: 97965841
Conc: 49.69 ng/ml



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 131052804
Conc: 52.90 ng/ml



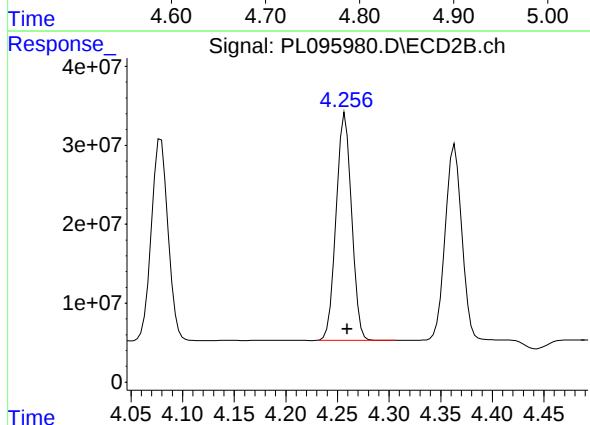
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 222269675
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

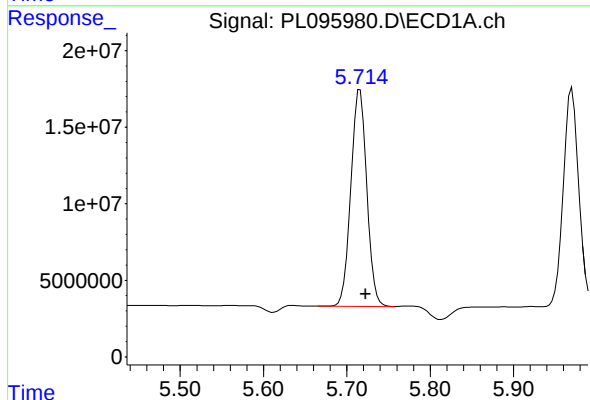
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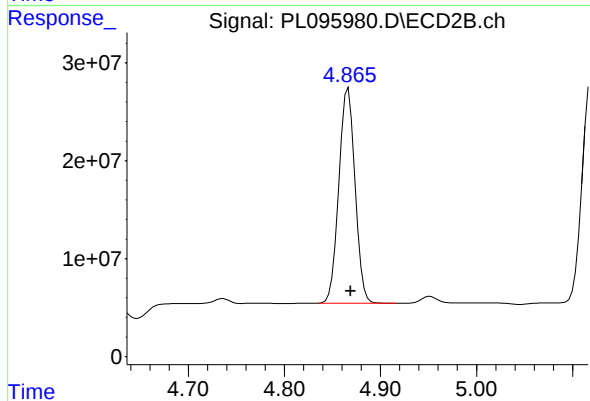
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 300150948
Conc: 53.15 ng/ml



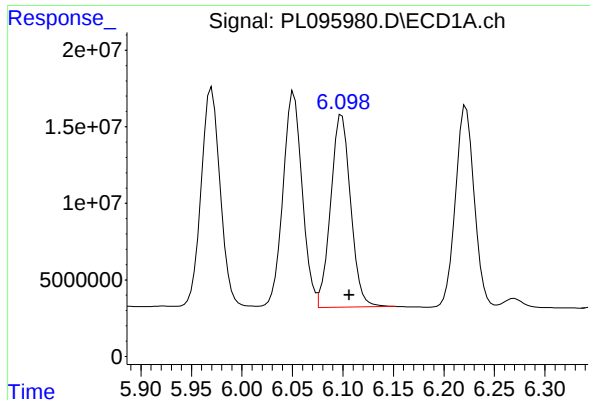
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 187172636
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.003 min
Response: 253634892
Conc: 51.37 ng/ml



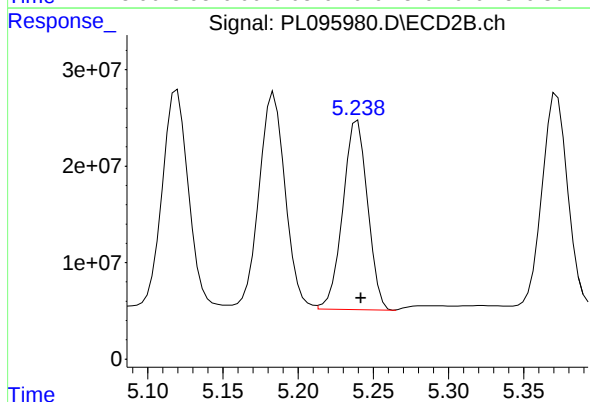
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 173416578
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

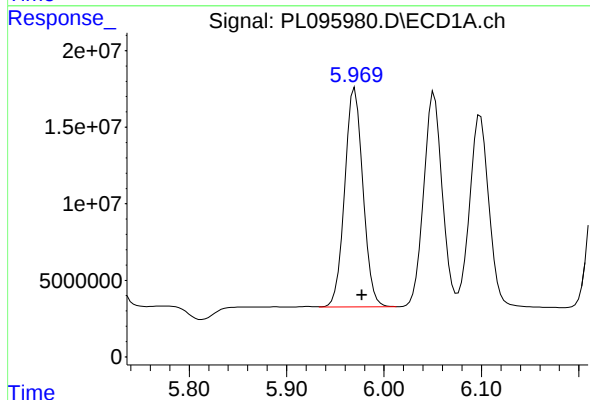
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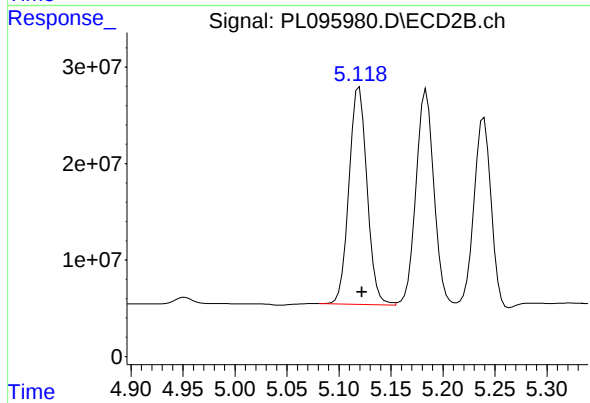
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 224608291
Conc: 47.14 ng/ml



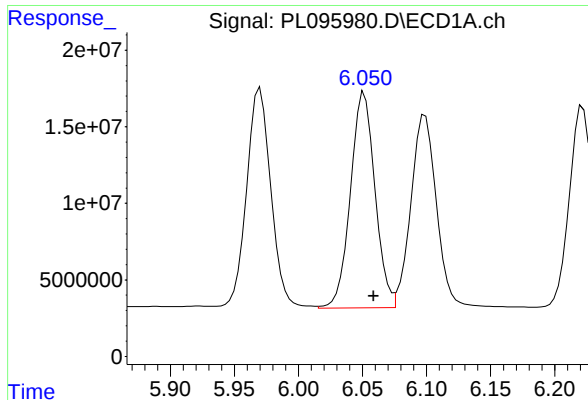
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.009 min
Response: 186069220
Conc: 47.81 ng/ml m



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 272625554
Conc: 51.90 ng/ml



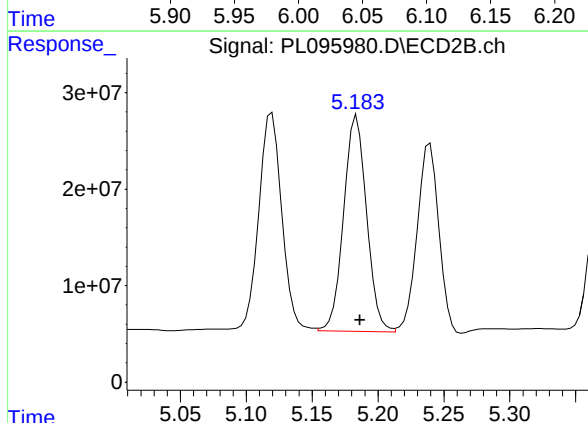
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.007 min
Response: 187720814
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

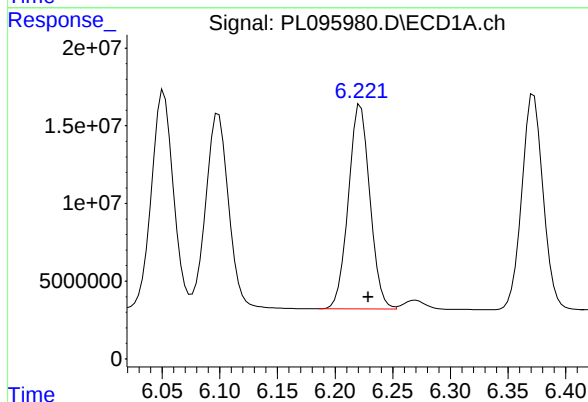
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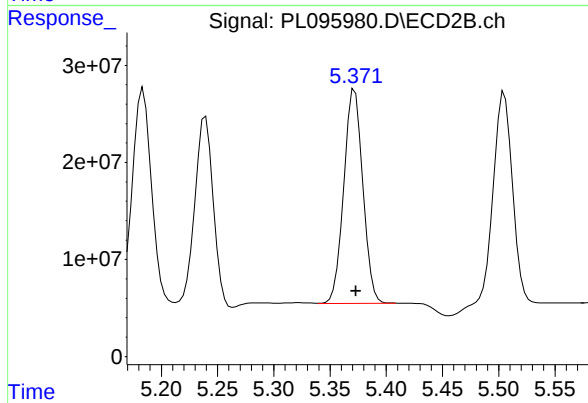
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 271053969
Conc: 52.10 ng/ml



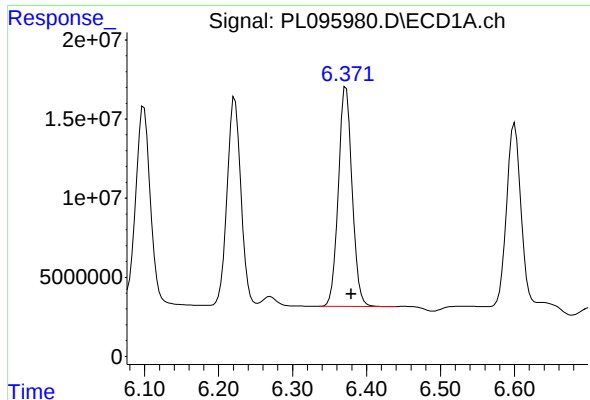
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 170627155
Conc: 46.52 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 260112740
Conc: 48.51 ng/ml m



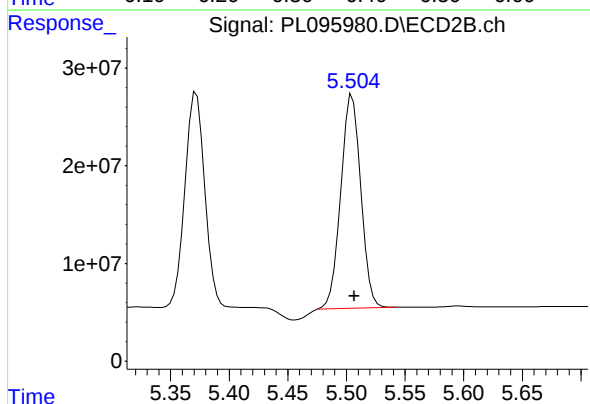
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: -0.007 min
Response: 179037130
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

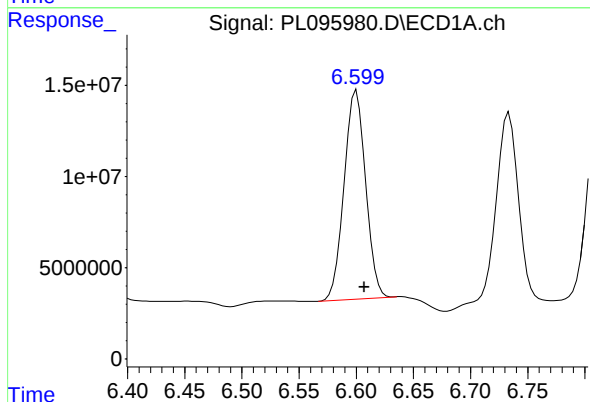
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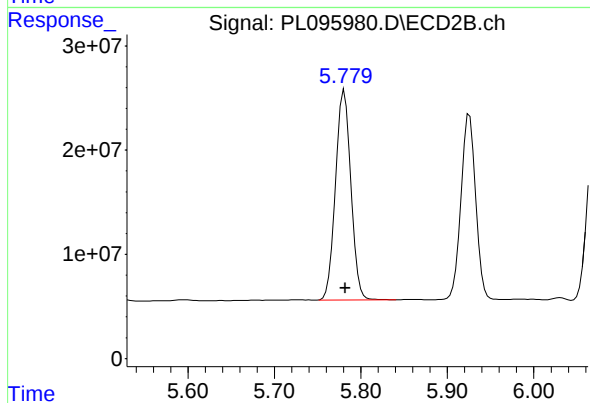
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 259910761
Conc: 49.04 ng/ml



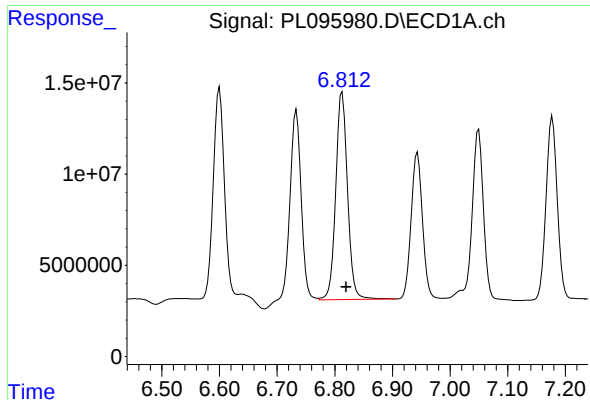
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 151002975
Conc: 46.80 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 245264801
Conc: 50.30 ng/ml



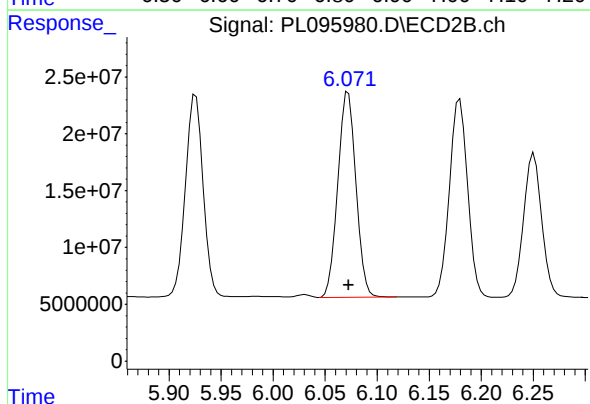
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 158404406
Conc: 45.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

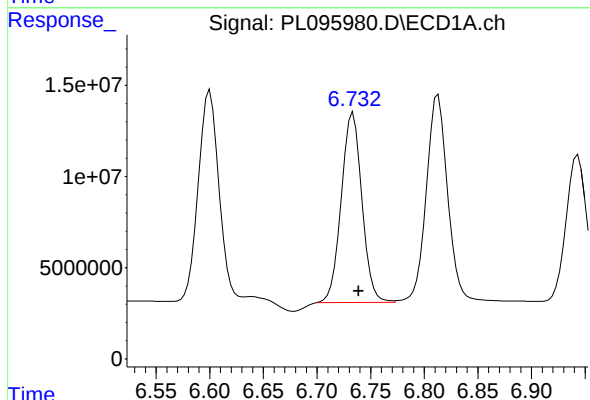
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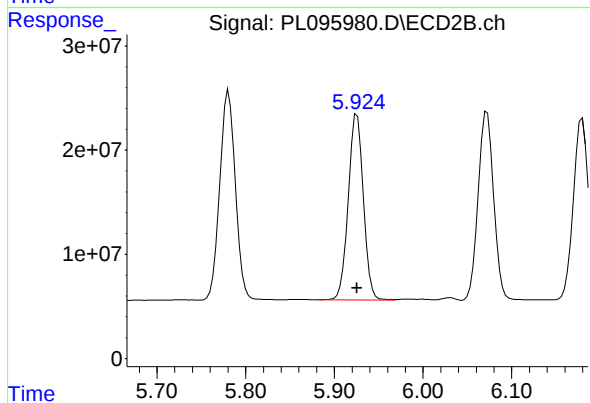
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 219501456
Conc: 46.19 ng/ml



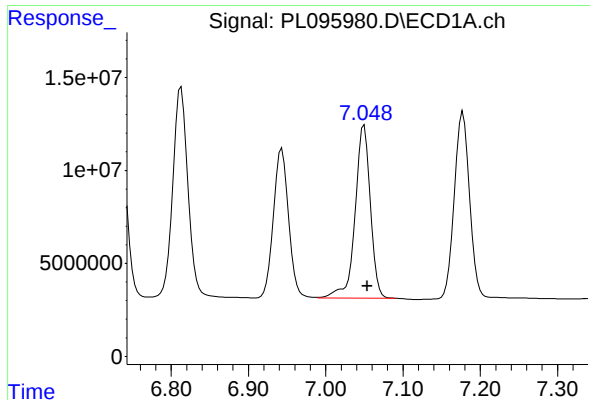
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 139376899
Conc: 47.56 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 211692147
Conc: 48.28 ng/ml



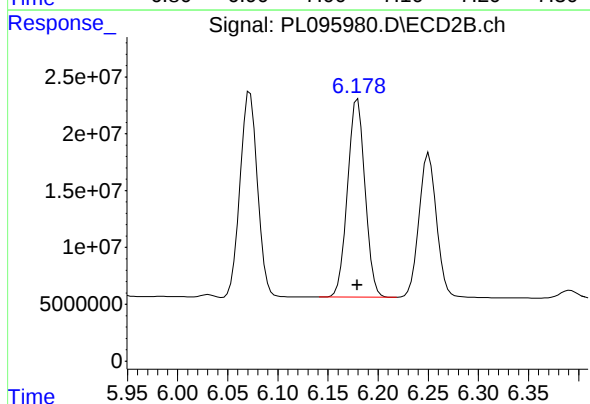
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.004 min
Response: 127300212
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

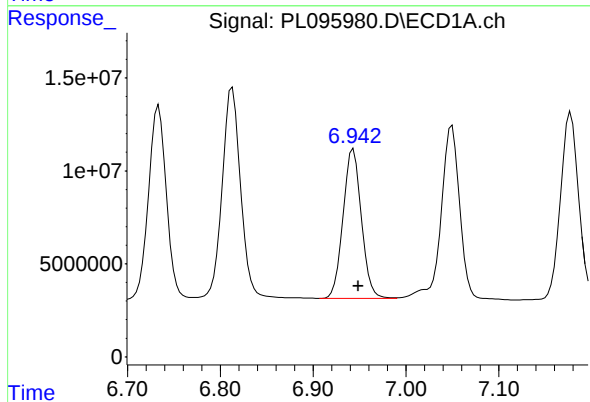
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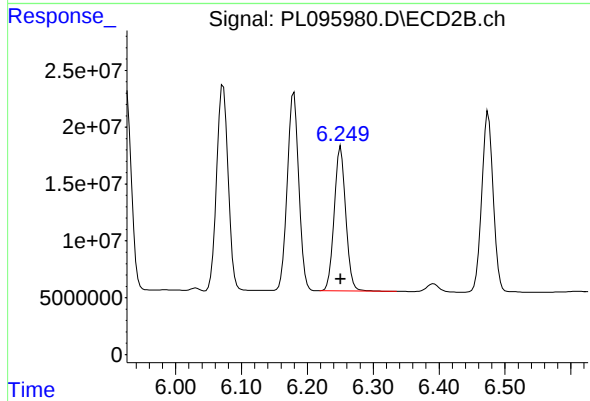
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 212009320
Conc: 44.33 ng/ml



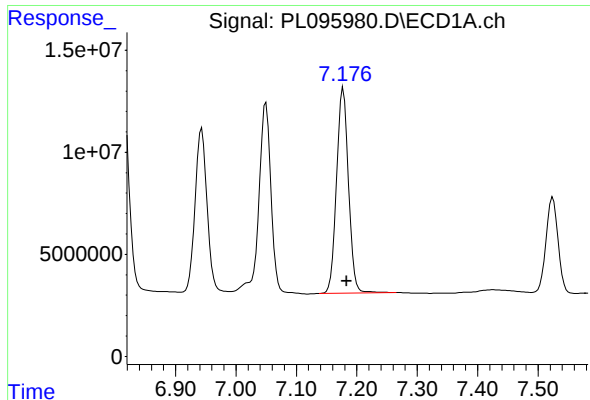
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: -0.005 min
Response: 110185782
Conc: 45.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 154825099
Conc: 44.82 ng/ml



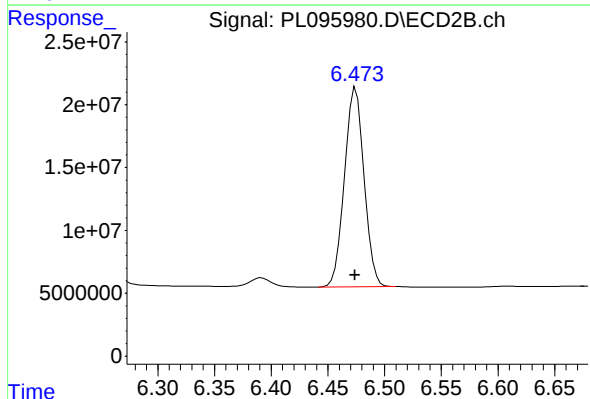
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.006 min
Response: 137624836
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

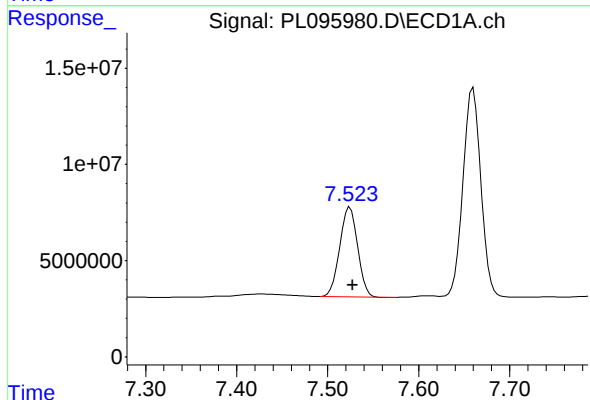
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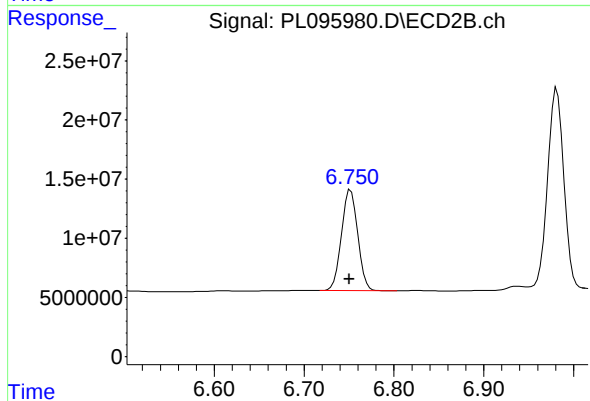
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: 0.000 min
Response: 190207831
Conc: 42.32 ng/ml



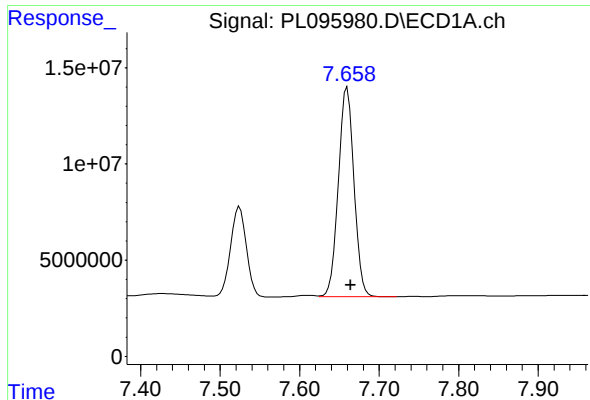
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: -0.003 min
Response: 63594707
Conc: 49.87 ng/ml



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: 0.002 min
Response: 106687232
Conc: 40.78 ng/ml



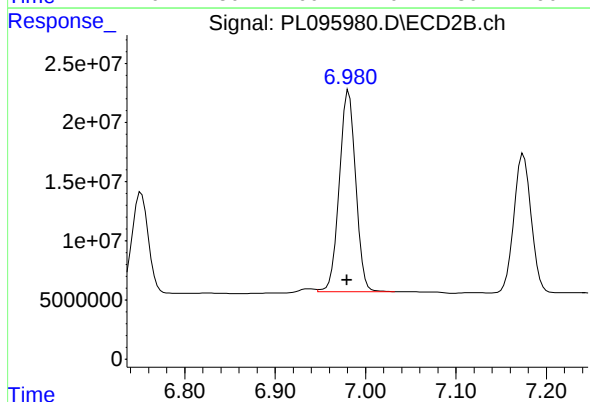
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 148711983
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

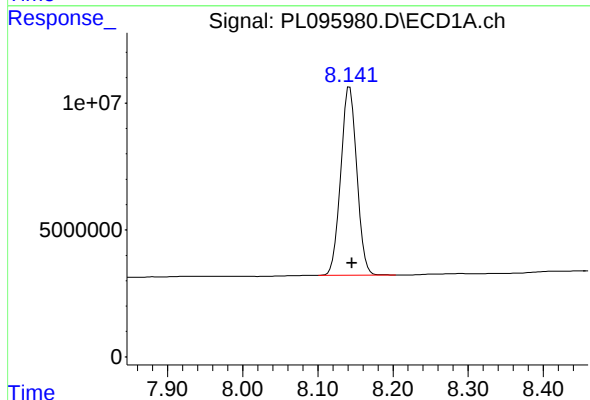
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2025
Supervised By :mohammad ahmed 06/10/2025



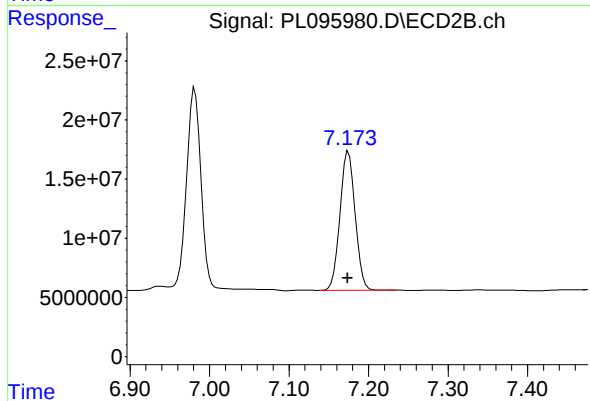
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 214370334
Conc: 41.43 ng/ml m



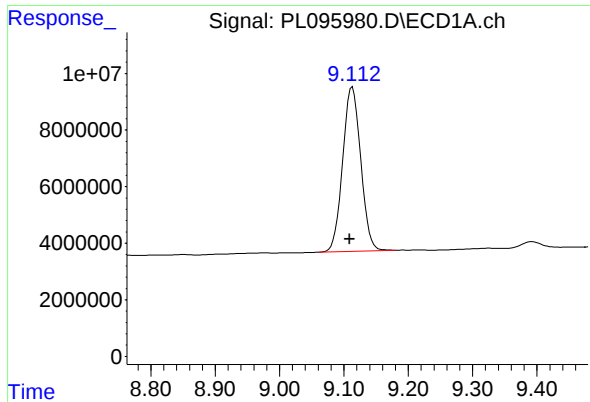
#22 Mirex

R.T.: 8.142 min
Delta R.T.: -0.003 min
Response: 110219974
Conc: 47.64 ng/ml



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 155993208
Conc: 38.42 ng/ml



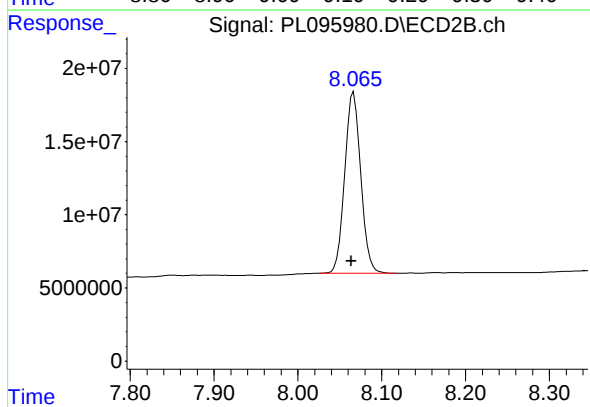
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 113448508
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.003 min
Response: 164085960
Conc: 37.51 ng/ml