

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
 Data File : PL095618.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2025 18:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/12/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 23:16:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.908	135.0E6	164.2E6	41.338	51.625
28) SA Decachlor...	9.116	8.085	121.0E6	153.0E6	43.667	51.691
Target Compounds						
2) A alpha-BHC	4.042	3.417	198.2E6	251.9E6	40.011m	56.621 #
3) MA gamma-BHC...	4.374	3.750	190.3E6	239.2E6	40.201m	54.375 #
4) MA Heptachlor	4.973	4.104	188.1E6	241.6E6	41.129	55.448 #
5) MB Aldrin	5.315	4.388	195.8E6	234.9E6	42.625	57.070m#
6) B beta-BHC	4.560	4.043	84750063	108.4E6	40.991	52.230m#
7) B delta-BHC	4.807	4.281	188.8E6	248.2E6	40.599m	56.651 #
8) B Heptachlo...	5.733	4.892	182.5E6	214.8E6	45.563m	55.608
9) A Endosulfan I	6.118	5.265	160.8E6	189.5E6	42.341m	51.771
10) B gamma-Chl...	5.988	5.144	182.9E6	229.2E6	44.845m	56.558 #
11) B alpha-Chl...	6.070	5.209	184.9E6	224.5E6	45.476m	56.391
12) B 4,4'-DDE	6.238	5.395	173.1E6	222.7E6	44.141m	54.750
13) MA Dieldrin	6.392	5.529	169.0E6	232.4E6	43.833	57.140m#
14) MA Endrin	6.618	5.805	143.8E6	211.7E6	45.167m	58.158 #
15) B Endosulfa...	6.830	6.094	145.4E6	209.7E6	45.555m	58.397m#
16) A 4,4'-DDD	6.747	5.947	131.6E6	191.7E6	46.495m	58.680 #
17) MA 4,4'-DDT	7.063	6.201	127.9E6	199.2E6	44.913m	57.983 #
18) B Endrin al...	6.959	6.274	106.7E6	145.9E6	45.980m	55.819
19) B Endosulfa...	7.194	6.496	130.2E6	184.8E6	46.463	55.711
20) A Methoxychlor	7.535	6.771	63505111	108.1E6	45.519	56.685
21) B Endrin ke...	7.675	7.002	131.0E6	208.4E6	45.934	59.178 #
22) Mirex	8.156	7.197	106.6E6	159.3E6	44.878	55.257m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
Data File : PL095618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2025 18:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

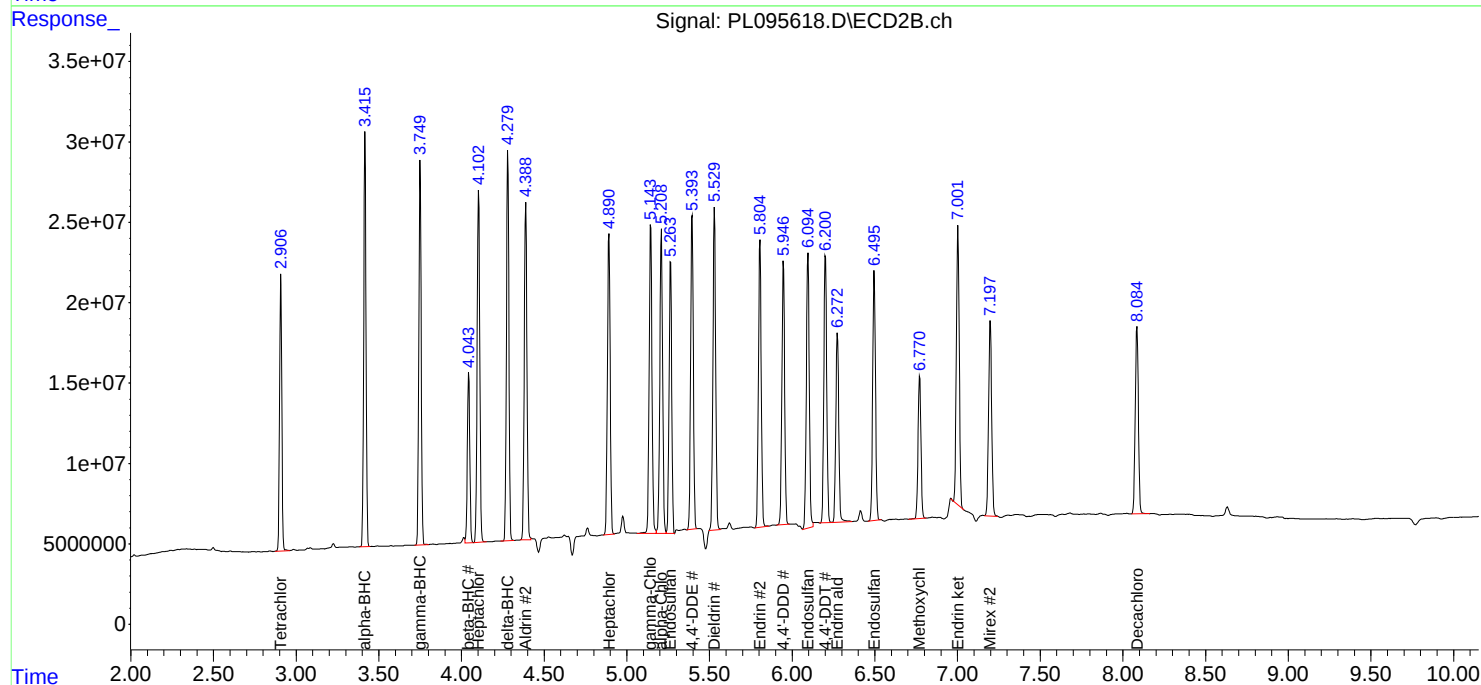
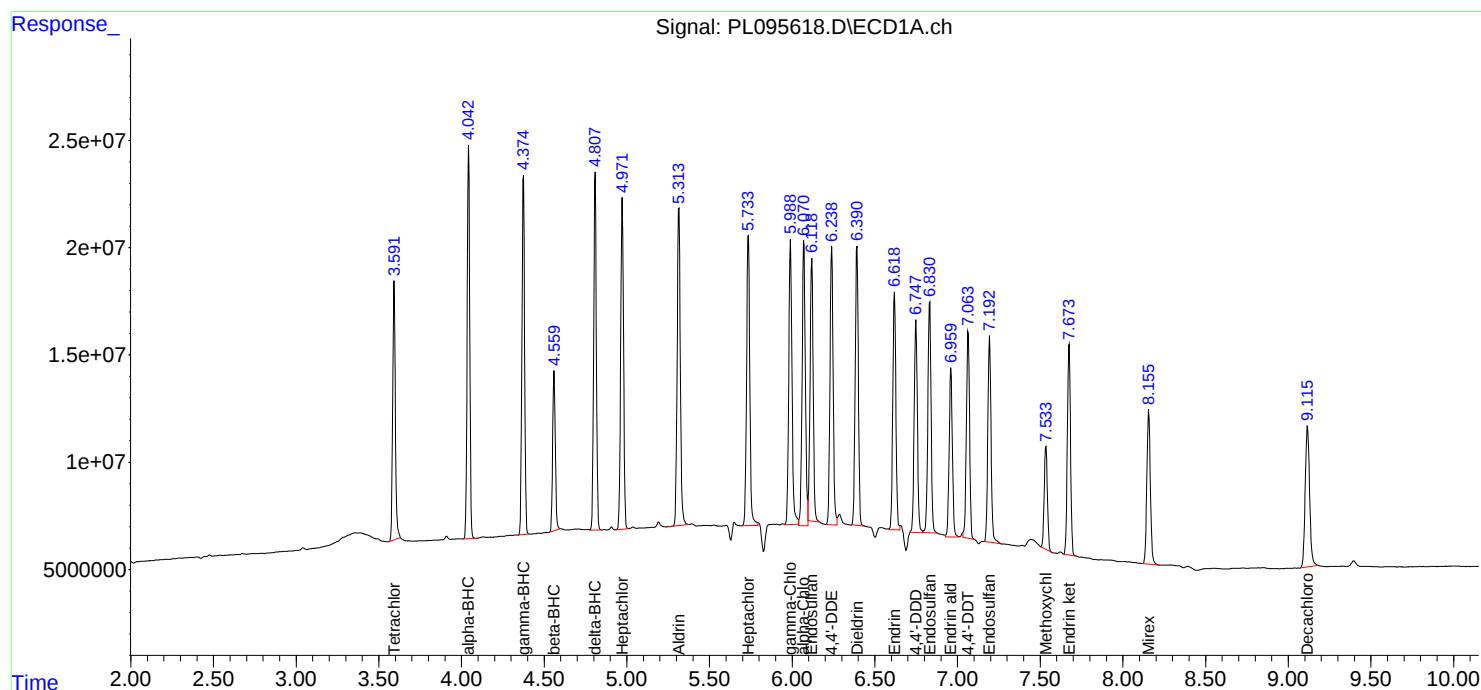
APPROVED

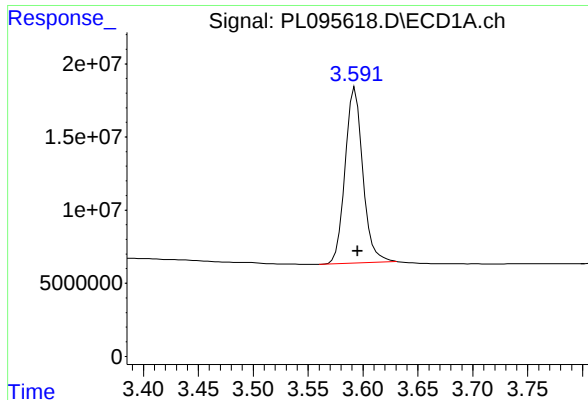
Reviewed By :Abdul Mirza 05/12/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 23:16:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





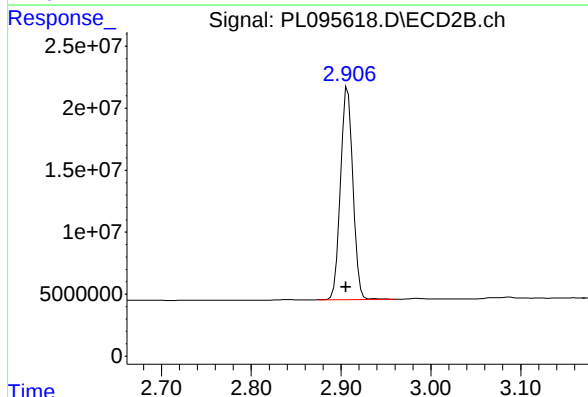
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 134954619
Conc: 41.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

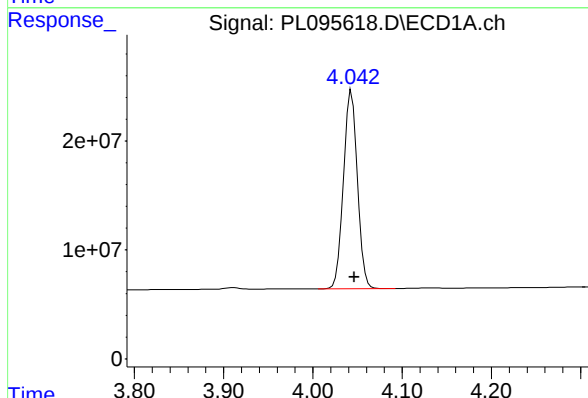
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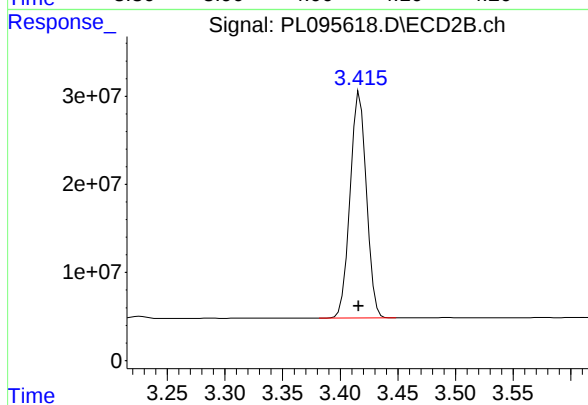
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: 0.002 min
Response: 164155500
Conc: 51.63 ng/ml



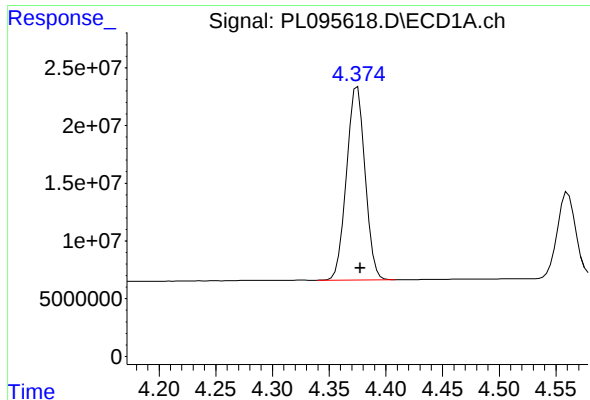
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 198204818
Conc: 40.01 ng/ml m



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 251891303
Conc: 56.62 ng/ml



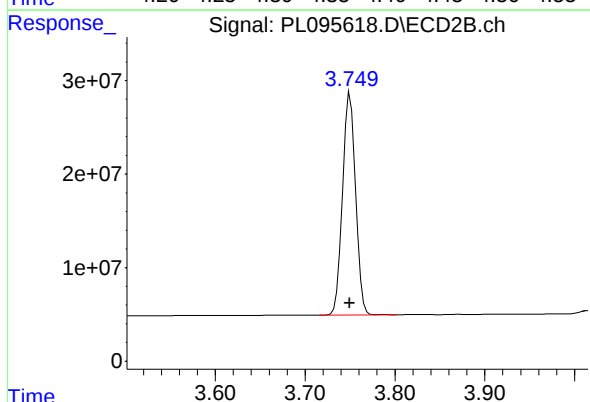
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.004 min
Response: 190311230
Conc: 40.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

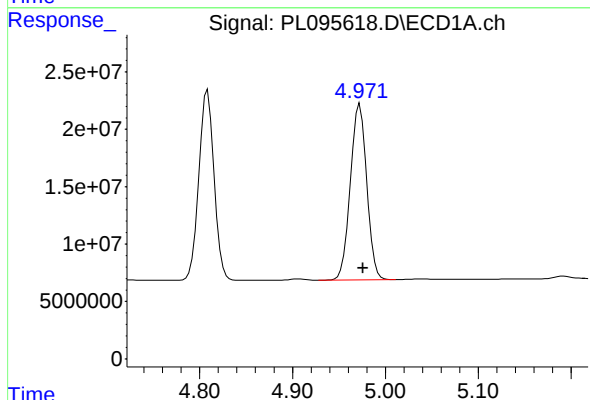
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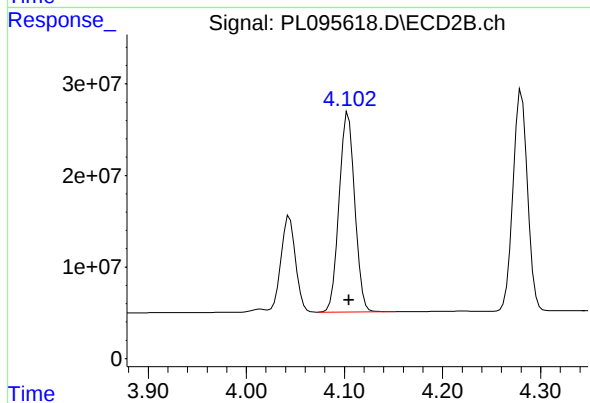
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 239151651
Conc: 54.37 ng/ml



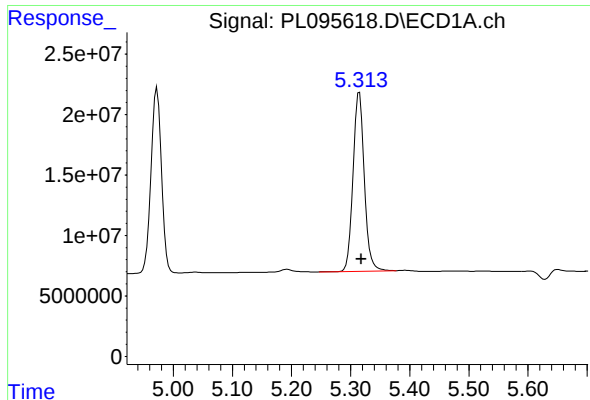
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 188144741
Conc: 41.13 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 241570196
Conc: 55.45 ng/ml



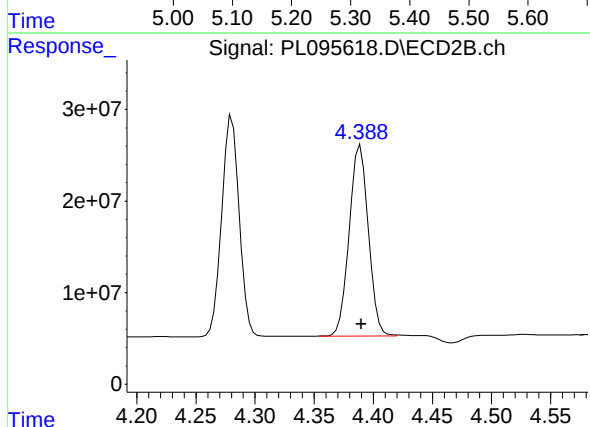
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 195779218
Conc: 42.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

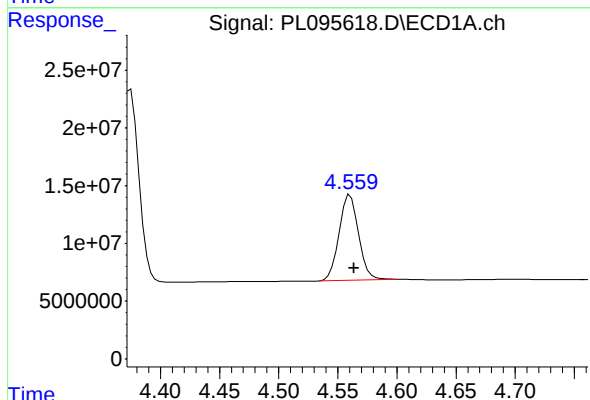
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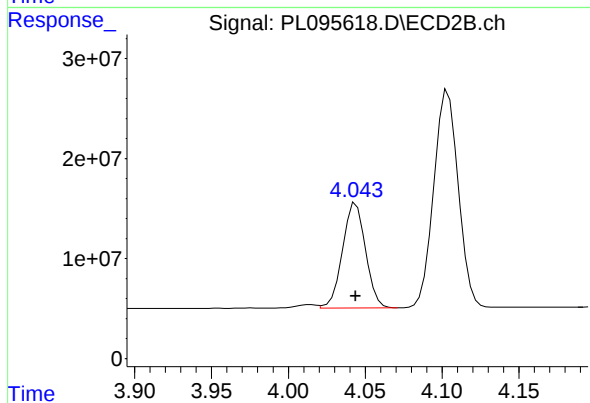
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 234880098
Conc: 57.07 ng/ml m



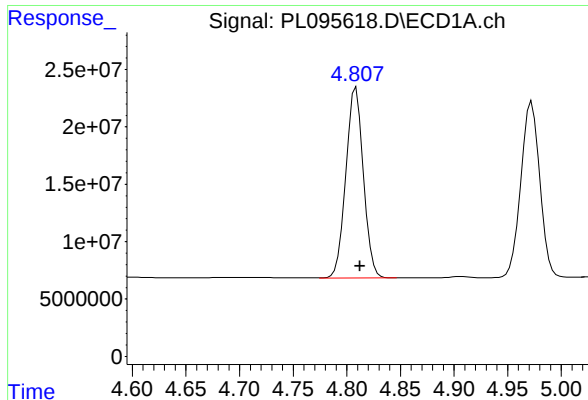
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 84750063
Conc: 40.99 ng/ml



#6 beta-BHC

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 108423052
Conc: 52.23 ng/ml m



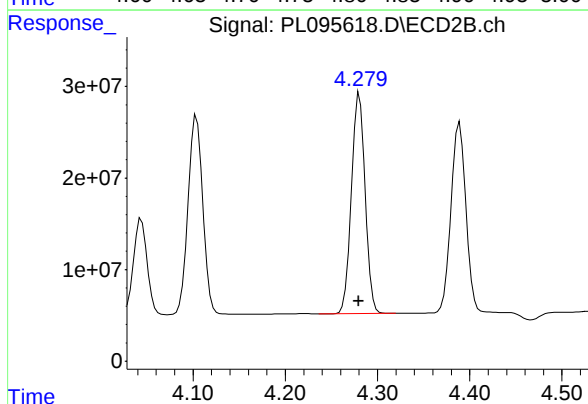
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 188814078
Conc: 40.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

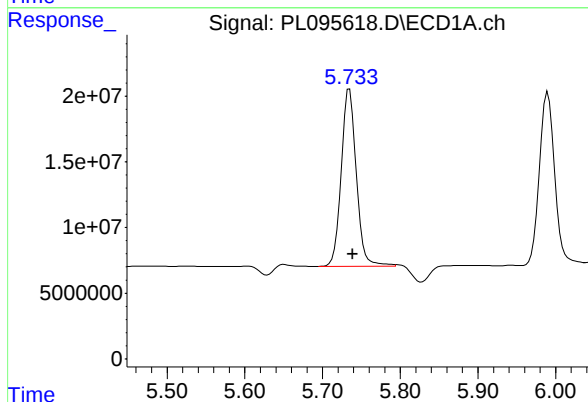
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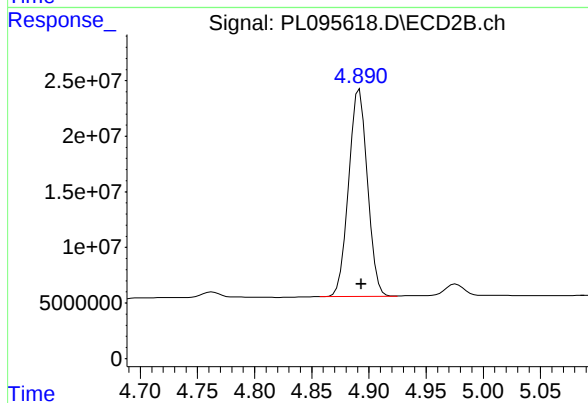
#7 delta-BHC

R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 248243857
Conc: 56.65 ng/ml



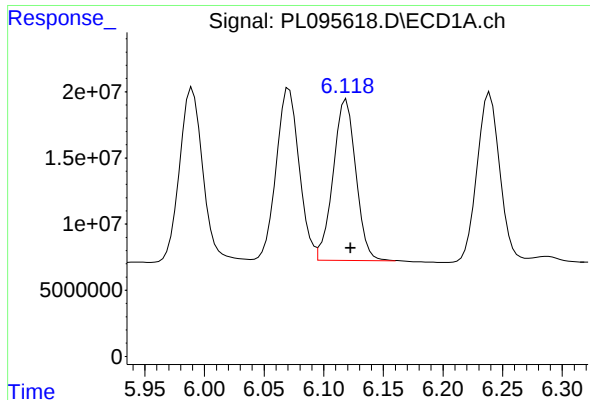
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.006 min
Response: 182485138
Conc: 45.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 214795020
Conc: 55.61 ng/ml



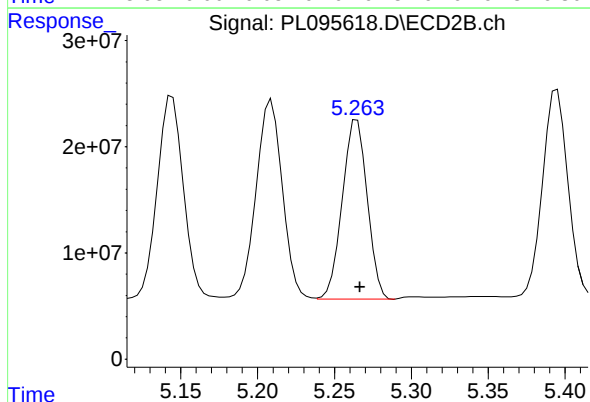
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: -0.005 min
Response: 160790147
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

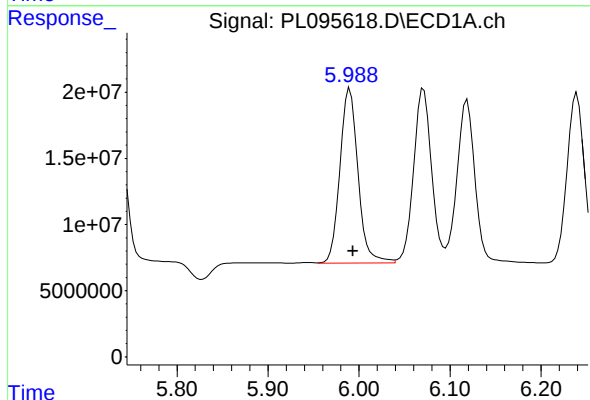
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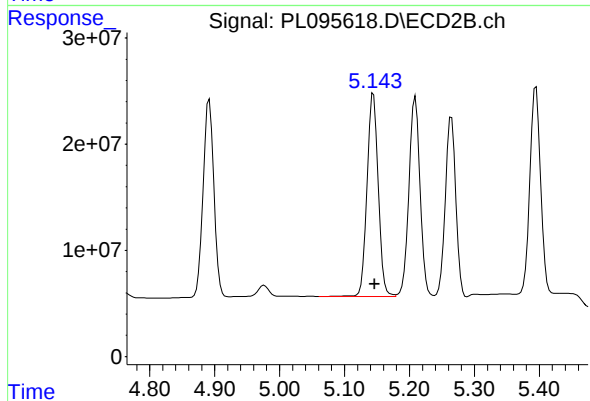
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 189504520
Conc: 51.77 ng/ml



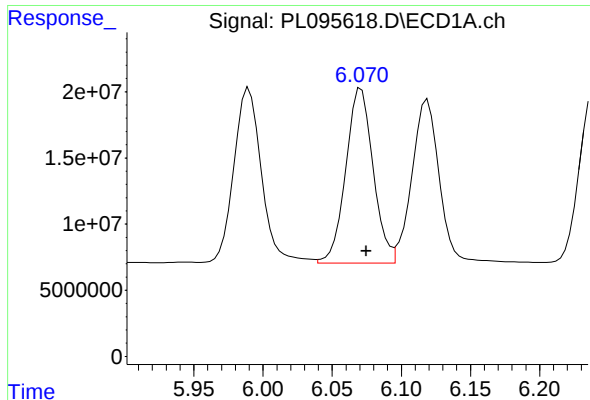
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 182936842
Conc: 44.84 ng/ml m



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 229210016
Conc: 56.56 ng/ml



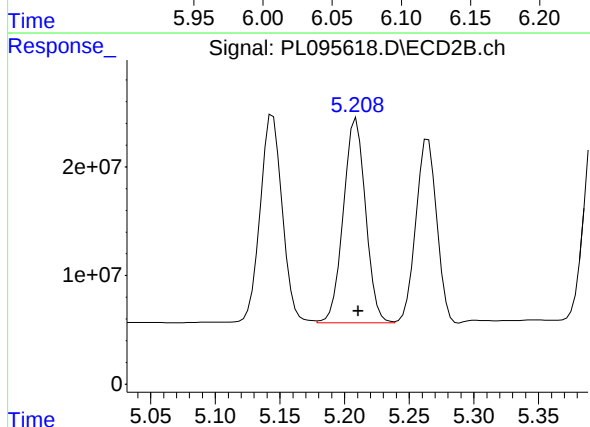
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 184907923
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

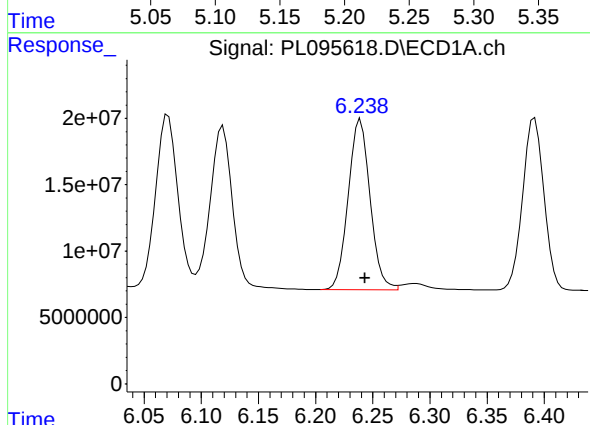
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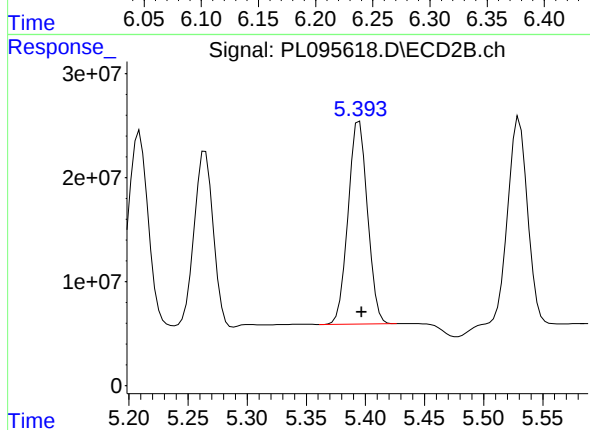
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 224496163
Conc: 56.39 ng/ml



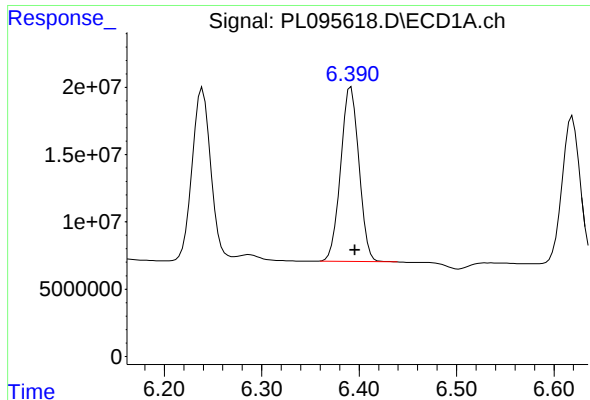
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 173055744
Conc: 44.14 ng/ml m



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 222666244
Conc: 54.75 ng/ml



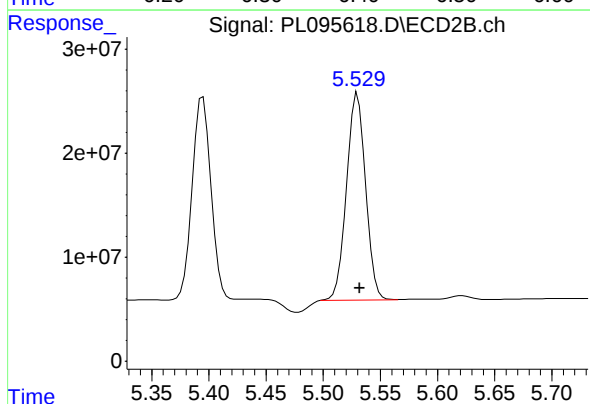
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 168968521
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

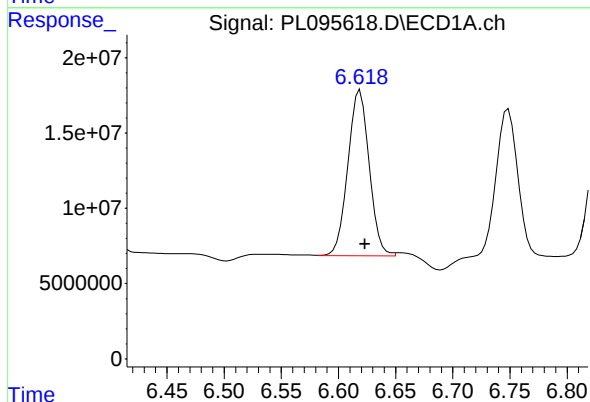
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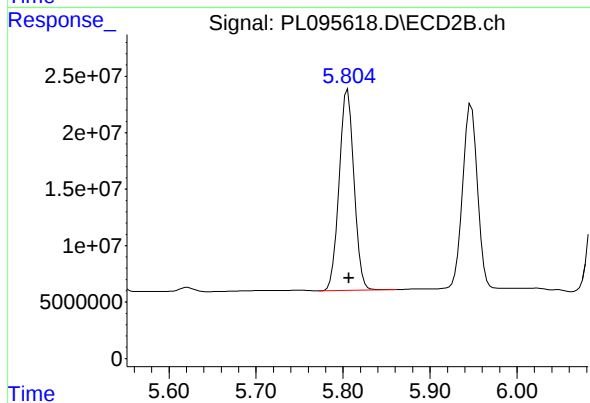
#13 Dieldrin

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 232395089
Conc: 57.14 ng/ml



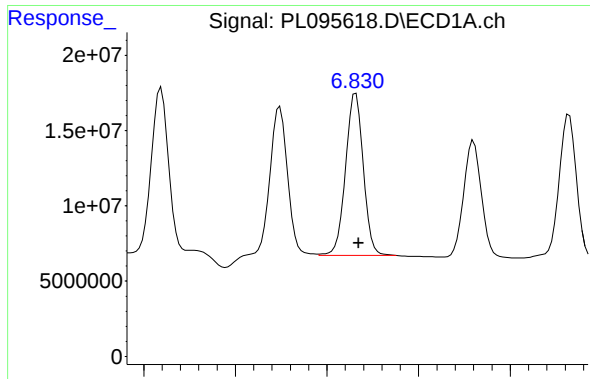
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 143846701
Conc: 45.17 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 211738597
Conc: 58.16 ng/ml



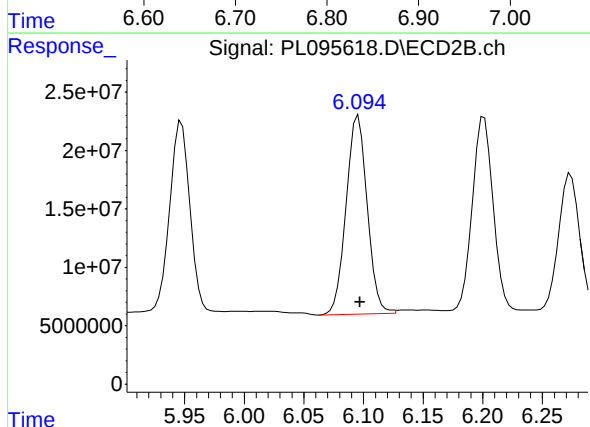
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 145419018
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

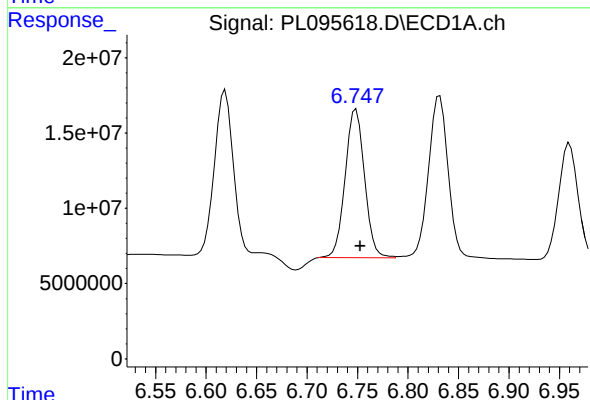
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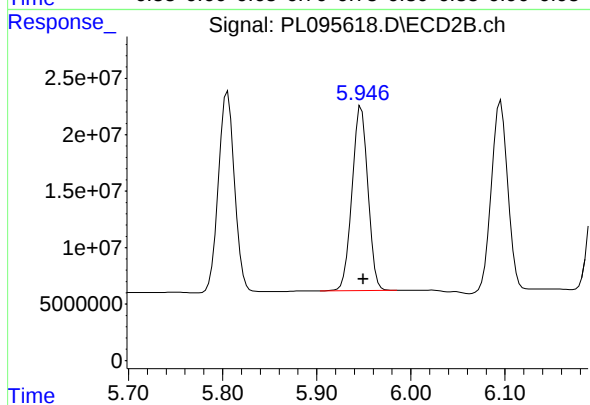
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 209711380
Conc: 58.40 ng/ml m



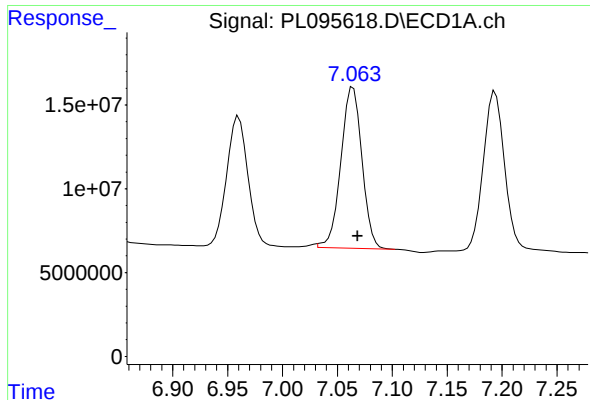
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 131626592
Conc: 46.50 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 191695573
Conc: 58.68 ng/ml



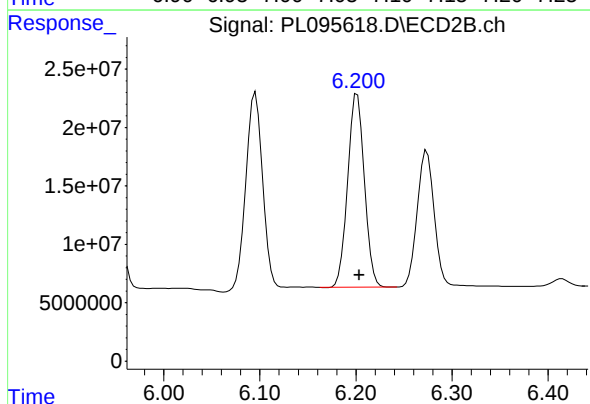
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 127939233
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

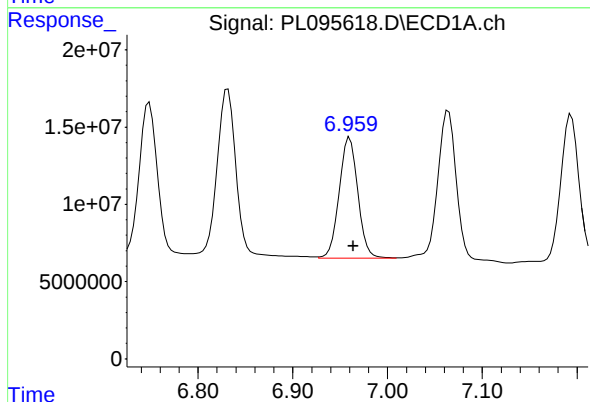
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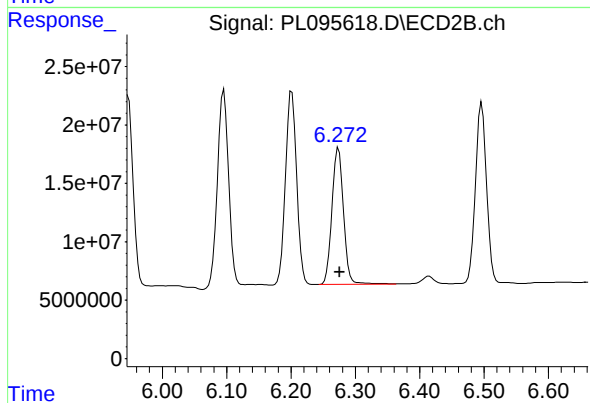
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 199239152
Conc: 57.98 ng/ml



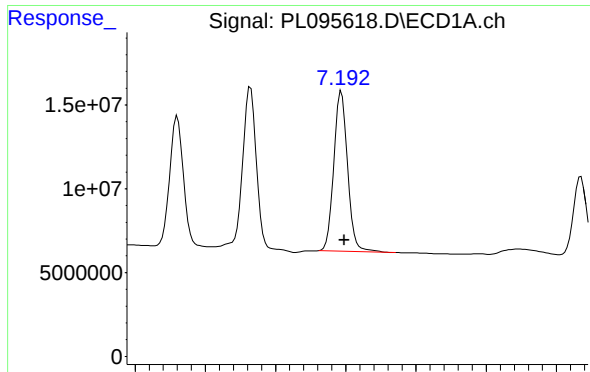
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 106709528
Conc: 45.98 ng/ml m



#18 Endrin aldehyde

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 145864910
Conc: 55.82 ng/ml



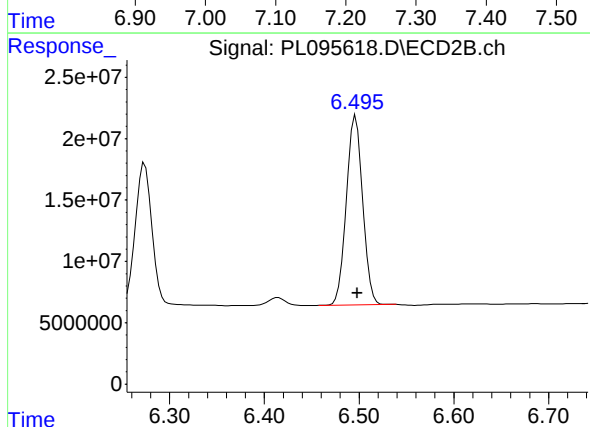
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 130178539
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

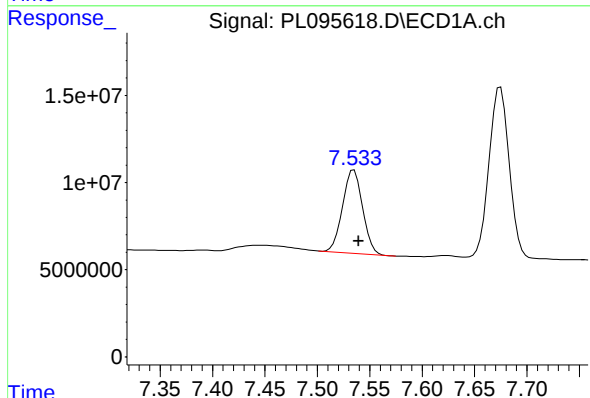
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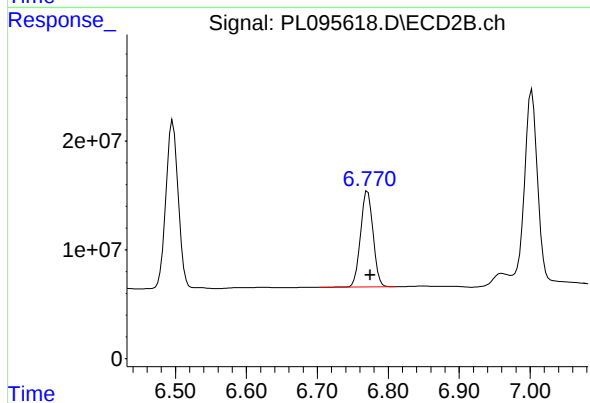
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 184846810
Conc: 55.71 ng/ml



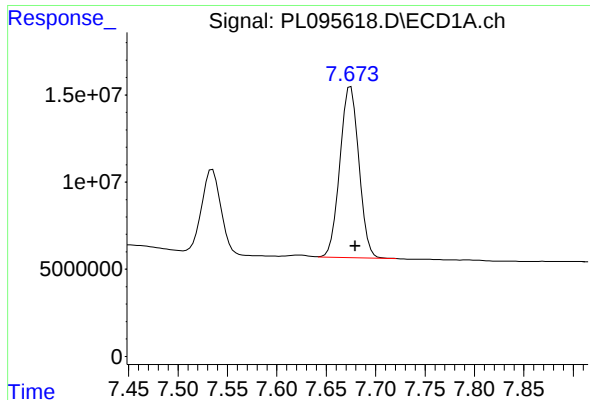
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 63505111
Conc: 45.52 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 108123449
Conc: 56.69 ng/ml



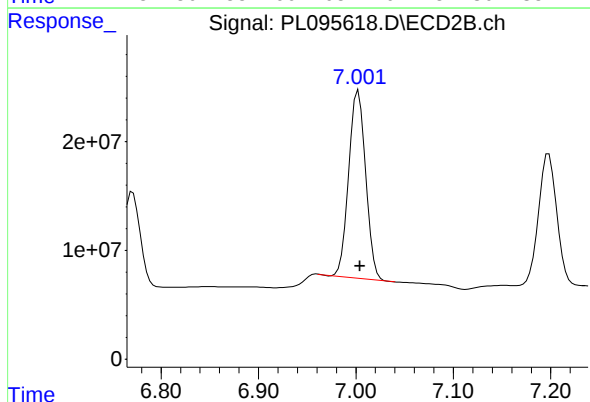
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 130952737
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

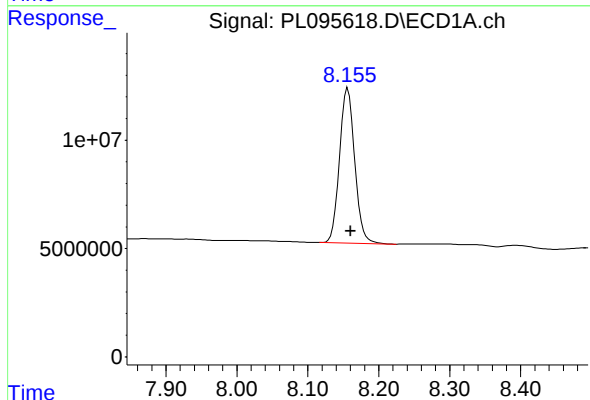
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



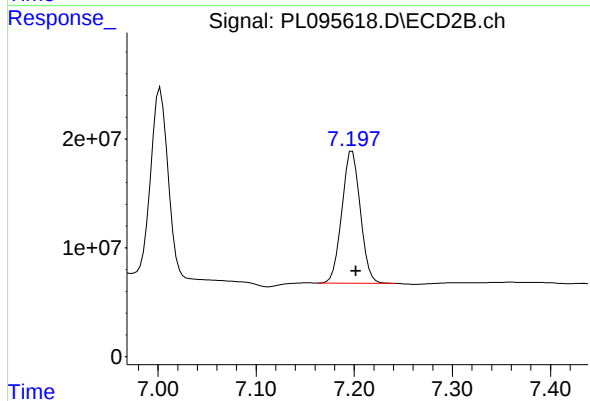
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 208383183
Conc: 59.18 ng/ml



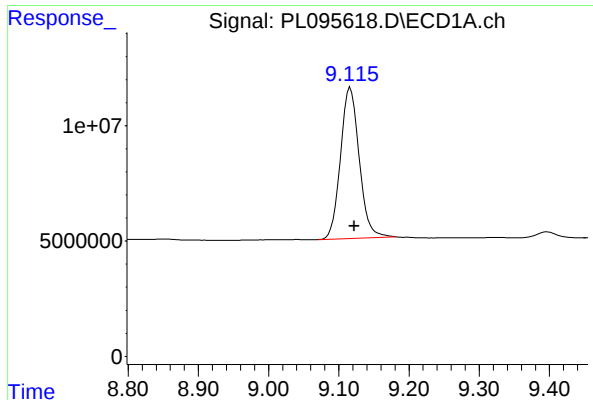
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.004 min
Response: 106631197
Conc: 44.88 ng/ml



#22 Mirex

R.T.: 7.197 min
Delta R.T.: -0.005 min
Response: 159273318
Conc: 55.26 ng/ml m



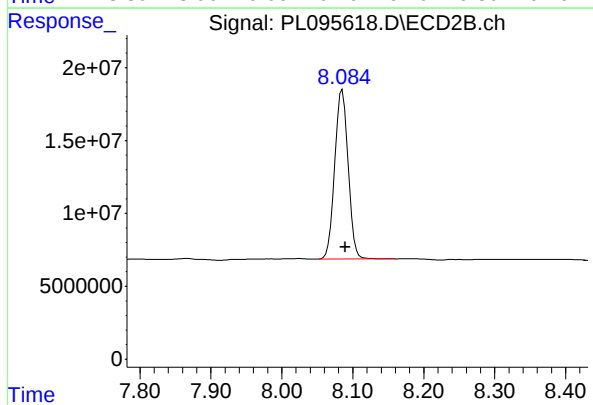
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.006 min
Response: 120991793
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: -0.004 min
Response: 152966481
Conc: 51.69 ng/ml