

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
 Data File : PL095460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 22:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/30/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 08:48:03 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...	3.592	2.904	175.2E6	169.7E6	53.655	53.368
2) SA Decachlor...	9.114	8.081	154.8E6	166.1E6	55.862	56.135
Target Compounds						
2) A alpha-BHC	4.043	3.413	269.5E6	248.1E6	54.407	55.779
3) MA gamma-BHC...	4.373	3.746	257.0E6	239.6E6	54.291m	54.482
4) MA Heptachlor	4.972	4.100	244.5E6	227.8E6	53.447	52.292
5) MB Aldrin	5.314	4.384	247.8E6	220.3E6	53.956	53.532m
6) B beta-BHC	4.560	4.040	110.4E6	110.0E6	53.379	52.985
7) B delta-BHC	4.807	4.276	252.5E6	238.5E6	54.302m	54.431
8) B Heptachlo...	5.734	4.888	235.0E6	204.9E6	58.669	53.041
9) A Endosulfan I	6.118	5.261	208.0E6	186.0E6	54.764	50.827
10) B gamma-Chl...	5.988	5.141	227.4E6	213.6E6	55.745	52.718
11) B alpha-Chl...	6.070	5.205	224.3E6	210.4E6	55.166	52.858
12) B 4,4'-DDE	6.238	5.391	217.6E6	212.6E6	55.509	52.282
13) MA Dieldrin	6.391	5.526	218.2E6	216.2E6	56.615	53.151
14) MA Endrin	6.617	5.801	177.4E6	180.3E6	55.702	49.522
15) B Endosulfa...	6.828	6.091	185.2E6	193.2E6	58.029m	53.787
16) A 4,4'-DDD	6.746	5.943	170.4E6	180.2E6	60.202m	55.150
17) MA 4,4'-DDT	7.063	6.197	160.8E6	172.9E6	56.445	50.323
18) B Endrin al...	6.957	6.269	131.7E6	139.1E6	56.739m	53.241
19) B Endosulfa...	7.192	6.492	158.6E6	178.2E6	56.593	53.714
20) A Methoxychlor	7.533	6.768	74979142	94144538	53.743	49.357
21) B Endrin ke...	7.672	6.998	170.4E6	209.2E6	59.780m	59.402
22) Mirex	8.155	7.194	133.3E6	159.6E6	56.081	55.358

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
Data File : PL095460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 22:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

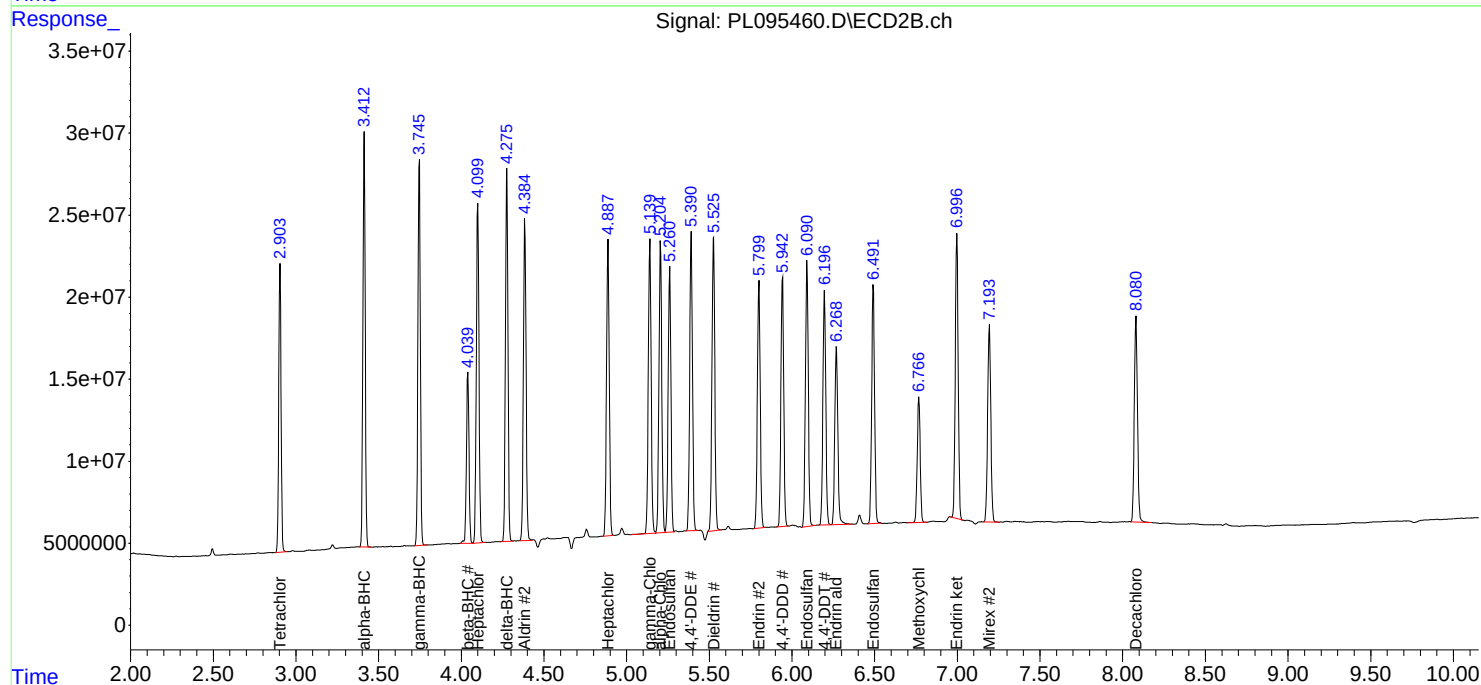
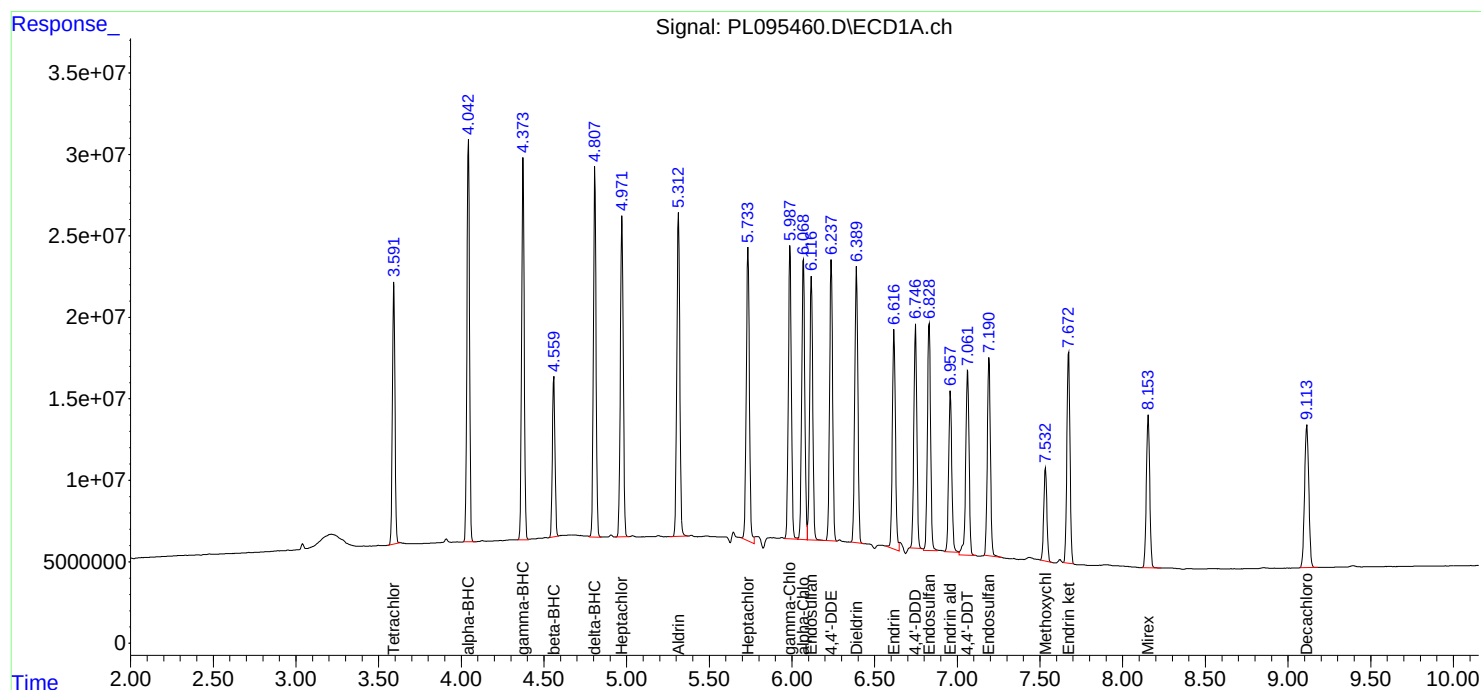
APPROVED

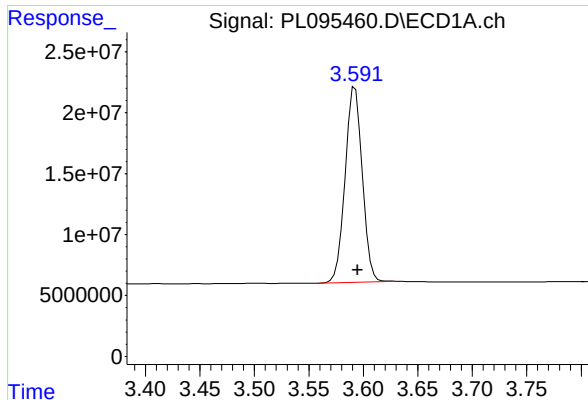
Reviewed By :Abdul Mirza 04/30/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 08:48:03 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





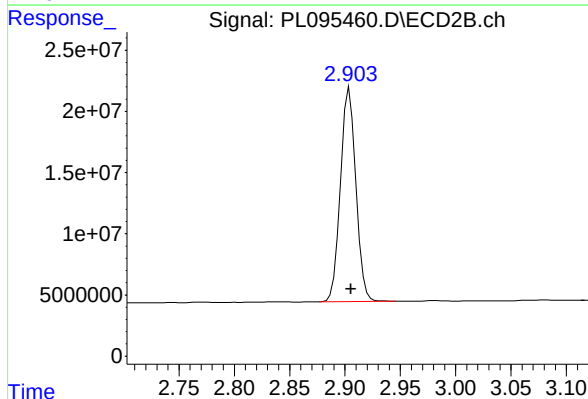
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.003 min
Response: 175166385
Conc: 53.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

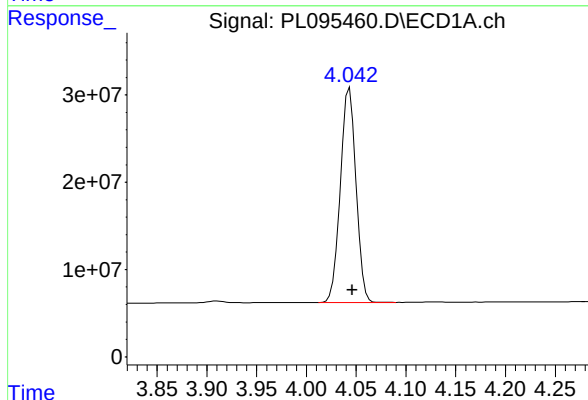
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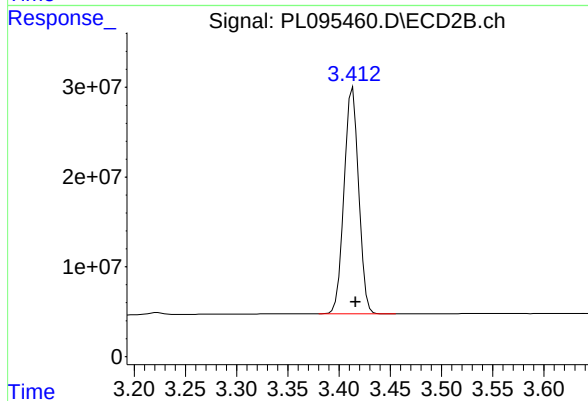
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 169698559
Conc: 53.37 ng/ml



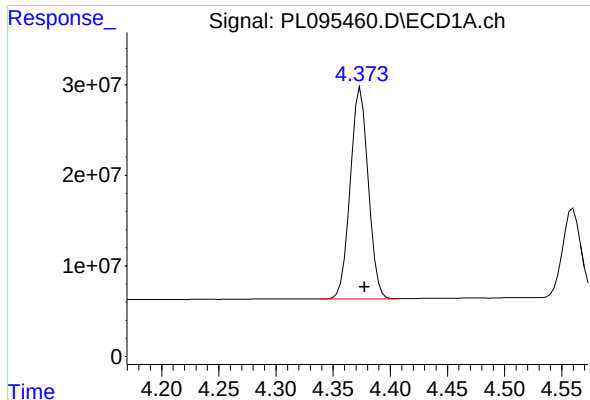
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 269519628
Conc: 54.41 ng/ml



#2 alpha-BHC

R.T.: 3.413 min
Delta R.T.: -0.003 min
Response: 248145284
Conc: 55.78 ng/ml



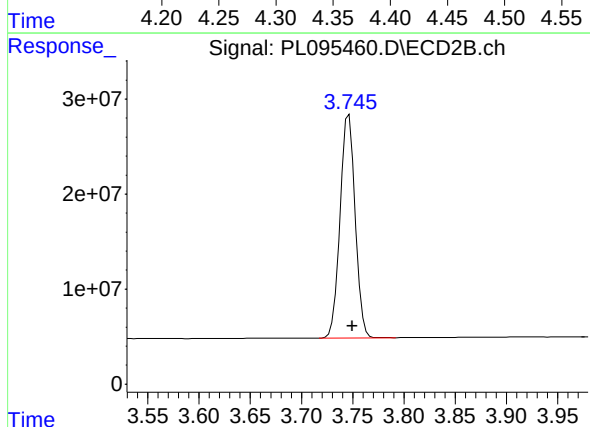
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.005 min
Response: 257014286
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

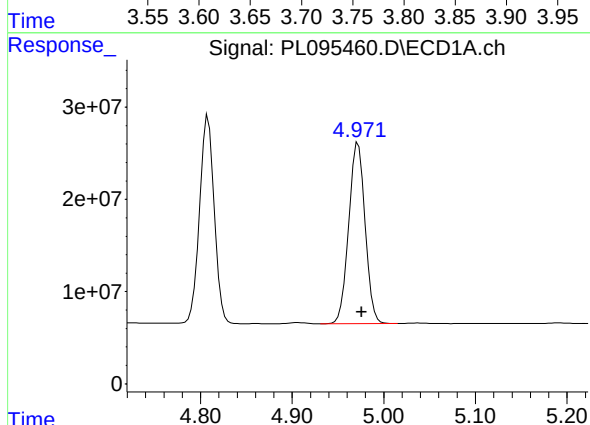
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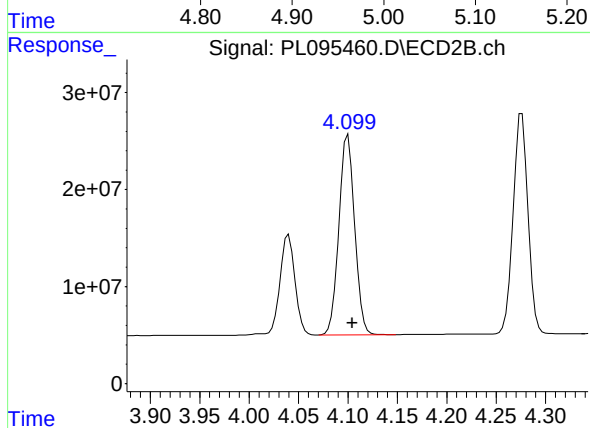
#3 gamma-BHC (Lindane)

R.T.: 3.746 min
Delta R.T.: -0.003 min
Response: 239623396
Conc: 54.48 ng/ml



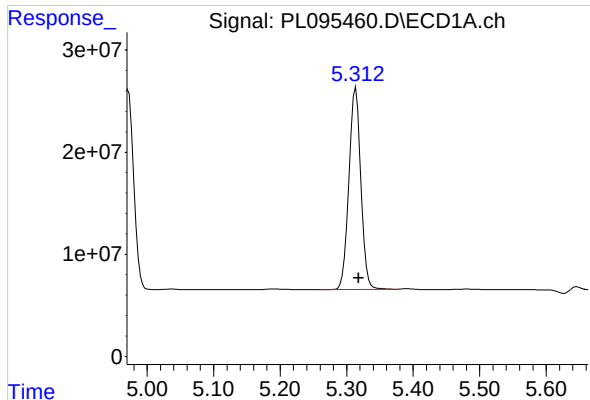
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 244492467
Conc: 53.45 ng/ml



#4 Heptachlor

R.T.: 4.100 min
Delta R.T.: -0.004 min
Response: 227821366
Conc: 52.29 ng/ml



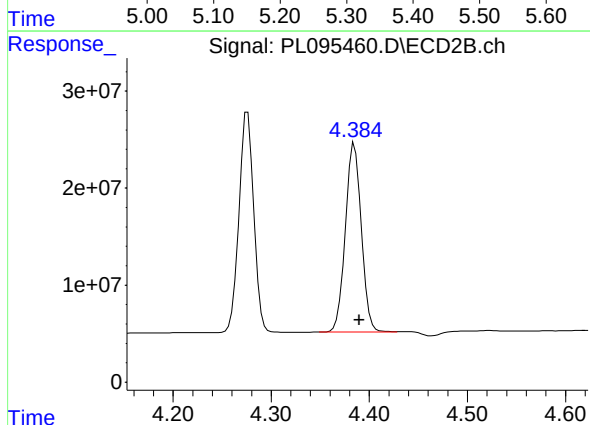
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 247822588
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

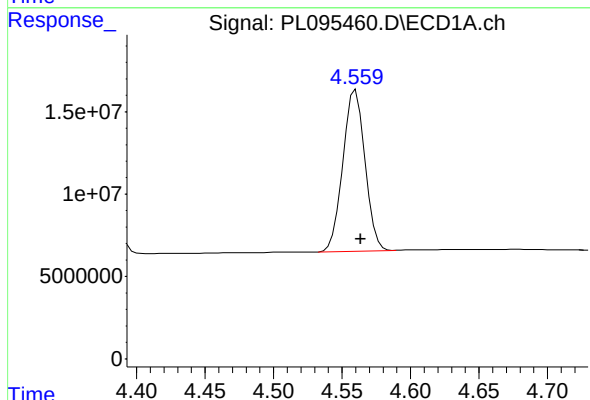
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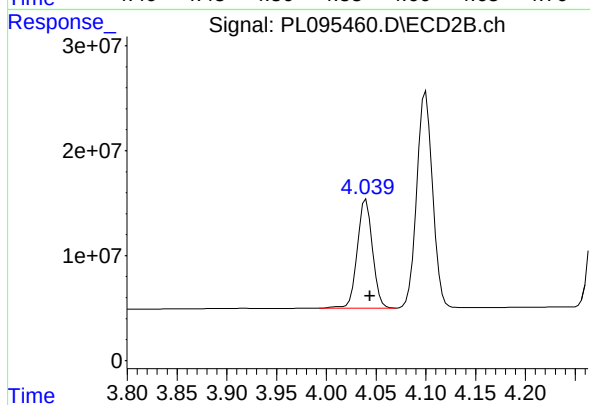
#5 Aldrin

R.T.: 4.384 min
Delta R.T.: -0.006 min
Response: 220318619
Conc: 53.53 ng/ml



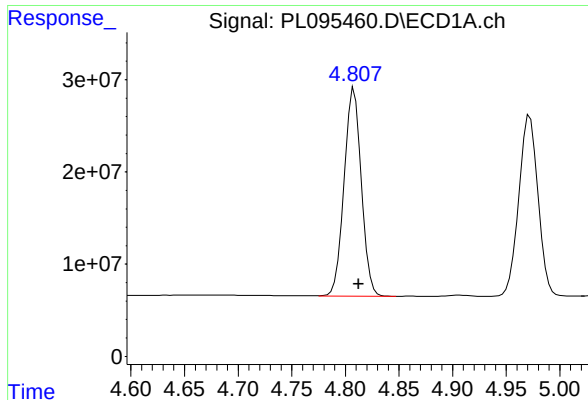
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.004 min
Response: 110361048
Conc: 53.38 ng/ml



#6 beta-BHC

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 109989551
Conc: 52.98 ng/ml



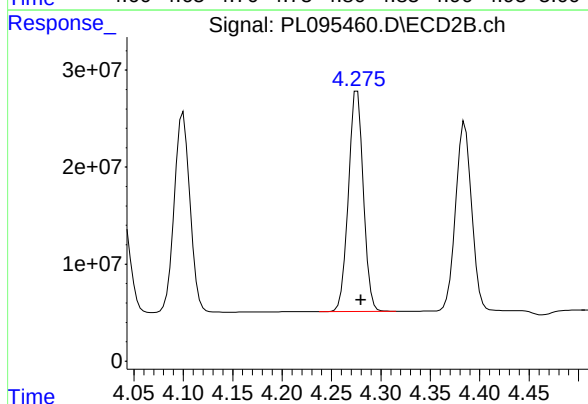
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.006 min
Response: 252539276
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

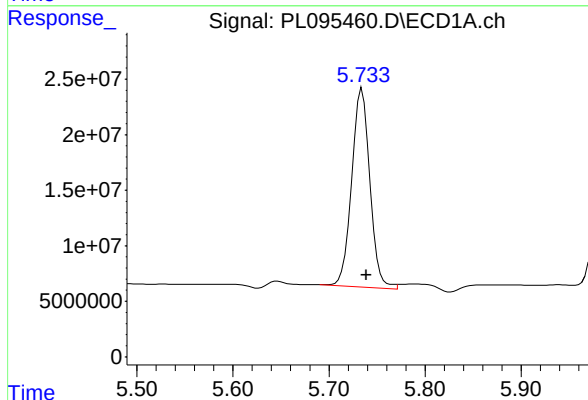
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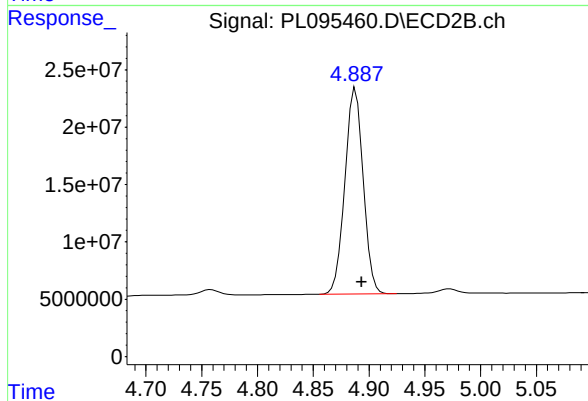
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 238513554
Conc: 54.43 ng/ml



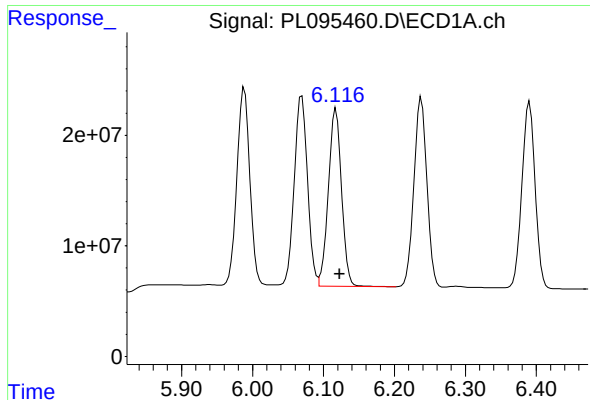
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 234977145
Conc: 58.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 204878531
Conc: 53.04 ng/ml



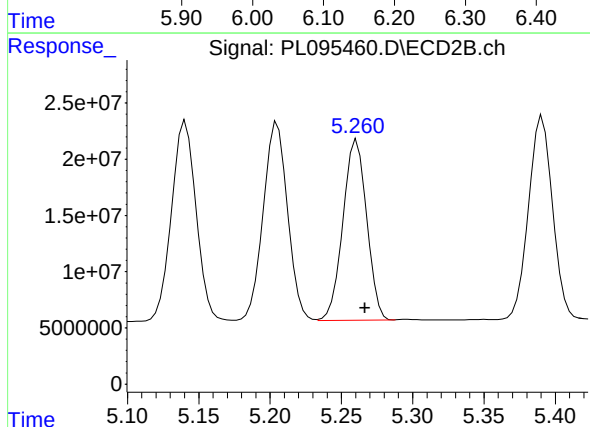
#9 Endosulfan I

R.T.: 6.118 min
Delta R.T.: -0.005 min
Response: 207967726
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

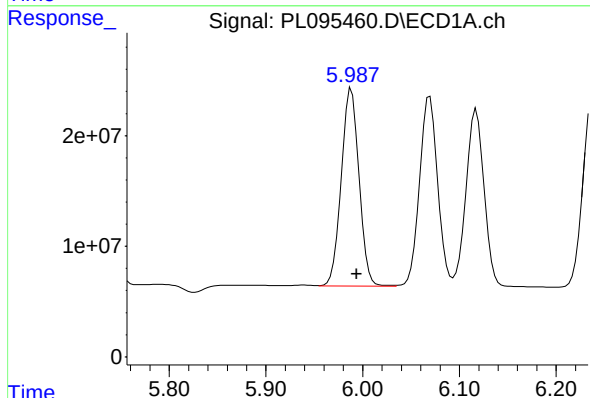
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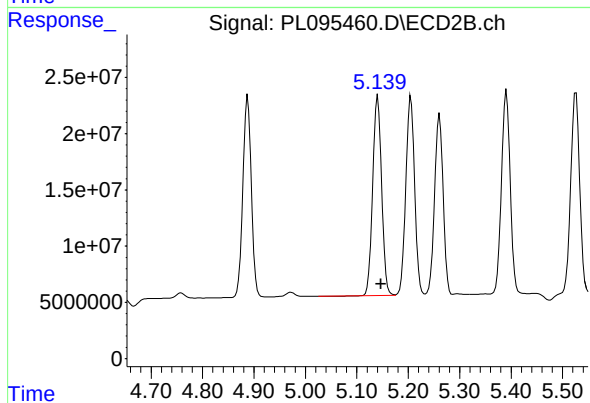
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.006 min
Response: 186048604
Conc: 50.83 ng/ml



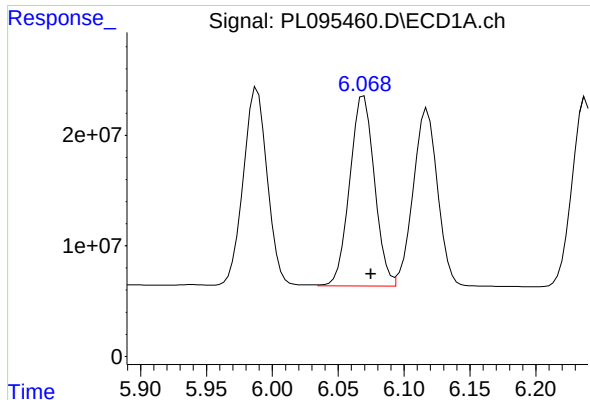
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 227404658
Conc: 55.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.006 min
Response: 213649153
Conc: 52.72 ng/ml



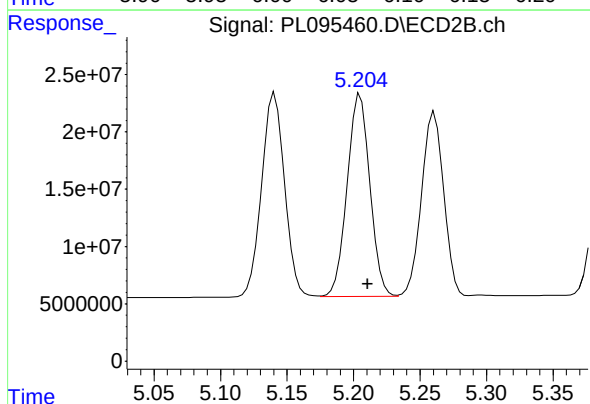
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 224310743
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

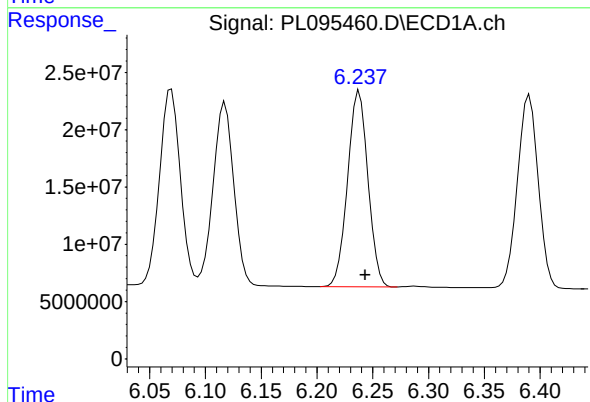
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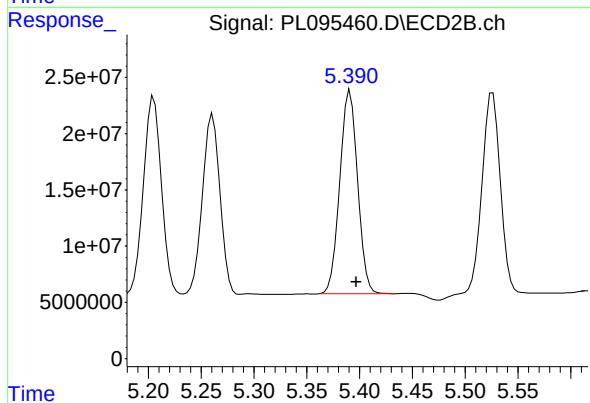
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.006 min
Response: 210430538
Conc: 52.86 ng/ml



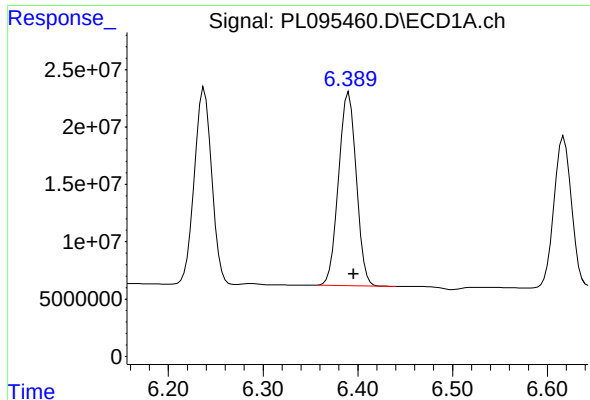
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 217624411
Conc: 55.51 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.006 min
Response: 212628223
Conc: 52.28 ng/ml



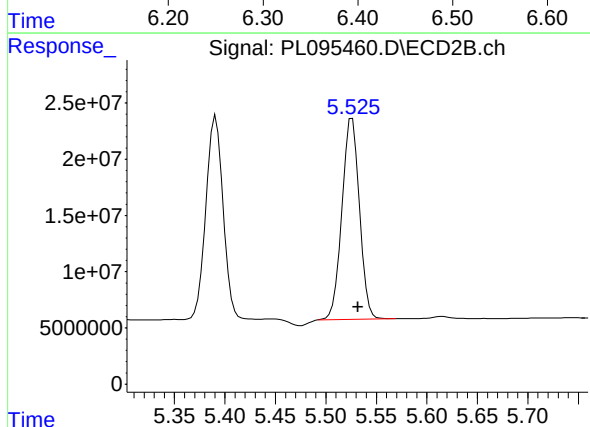
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.005 min
Response: 218240394
Conc: 56.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

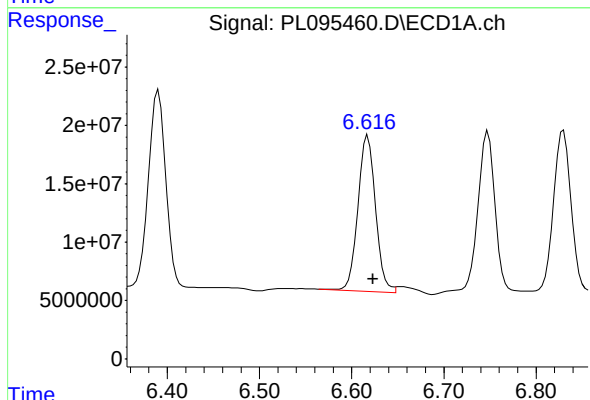
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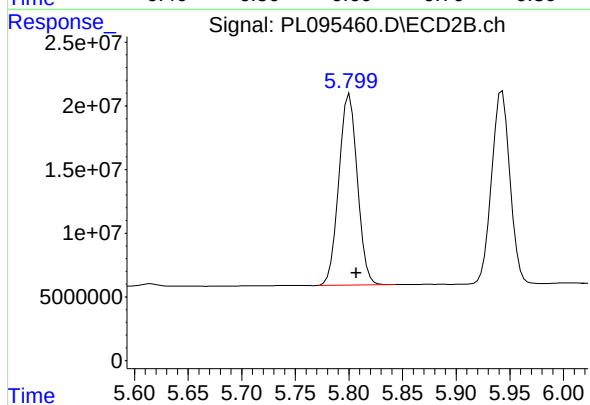
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 216170149
Conc: 53.15 ng/ml



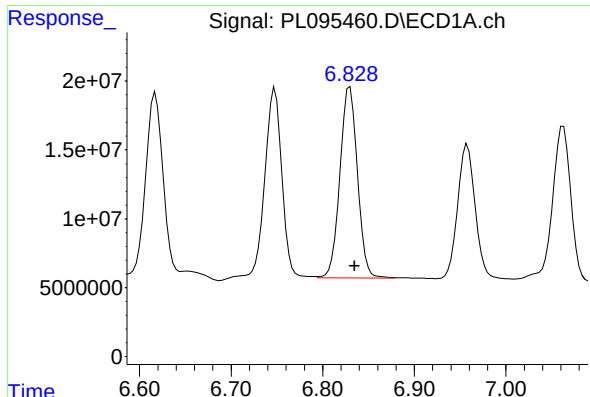
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.006 min
Response: 177396508
Conc: 55.70 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 180297136
Conc: 49.52 ng/ml



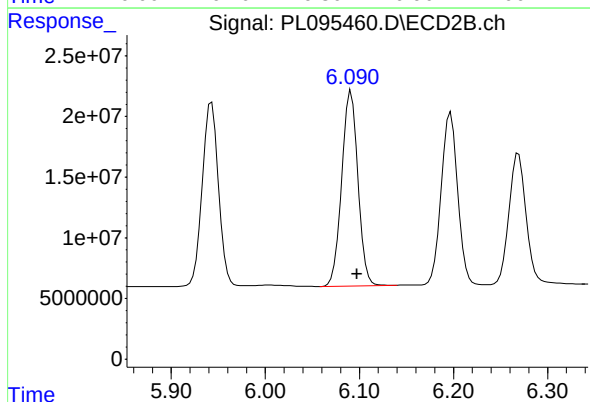
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.007 min
Response: 185237710
Conc: 58.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

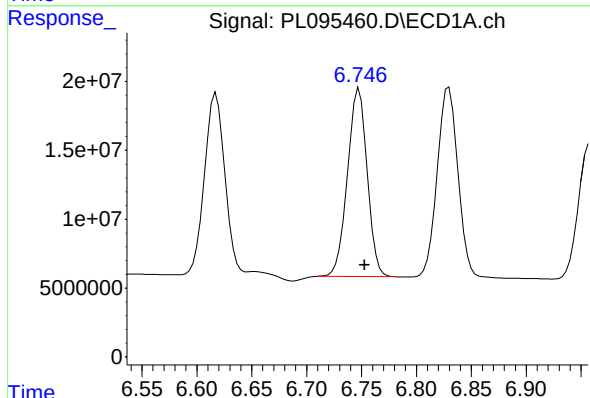
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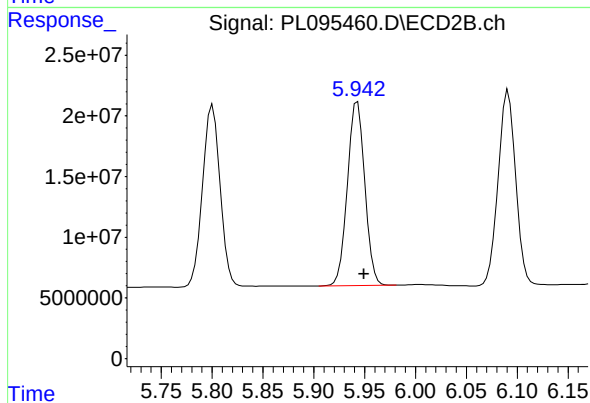
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 193155750
Conc: 53.79 ng/ml



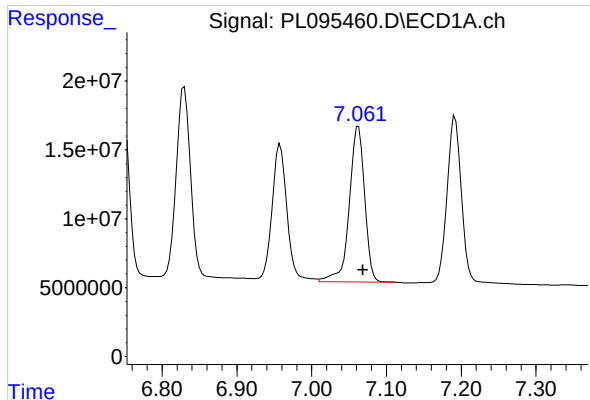
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 170430066
Conc: 60.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 180162201
Conc: 55.15 ng/ml



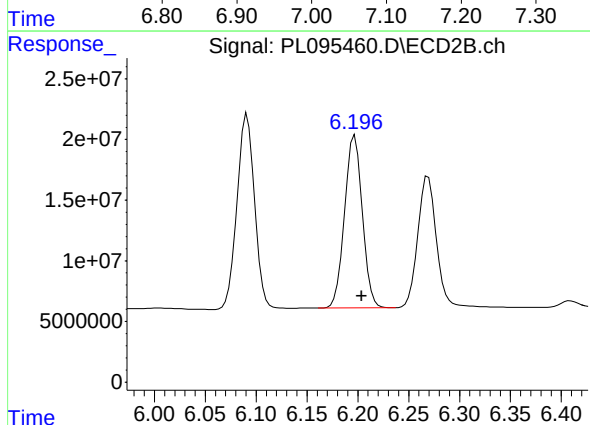
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 160788522
Conc: 56.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

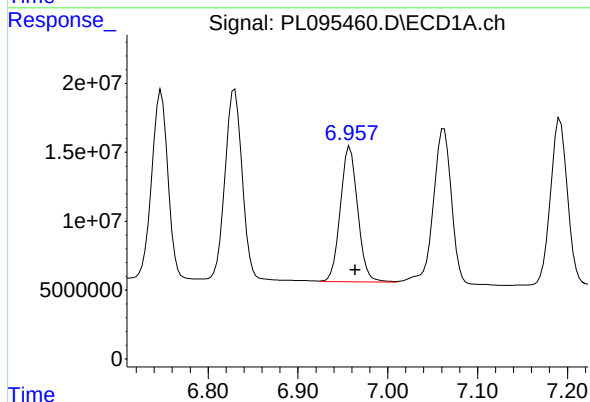
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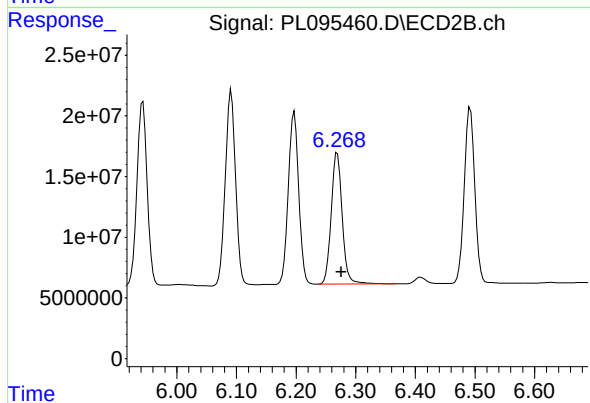
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 172920072
Conc: 50.32 ng/ml



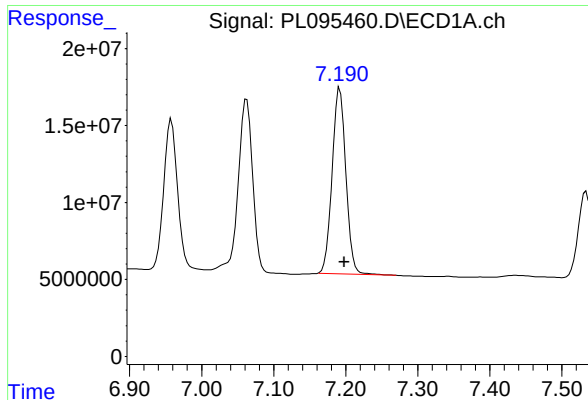
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.007 min
Response: 131680300
Conc: 56.74 ng/ml m



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 139127948
Conc: 53.24 ng/ml



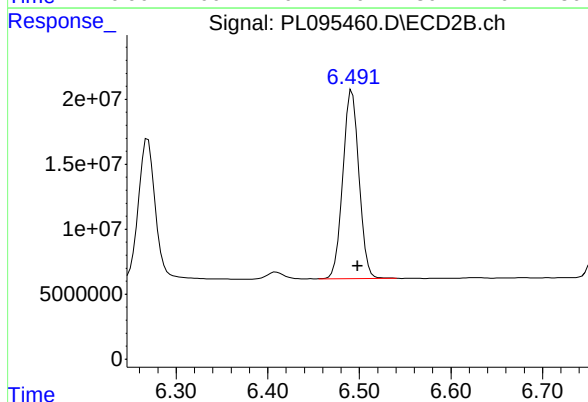
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: -0.006 min
Response: 158562626
Conc: 56.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

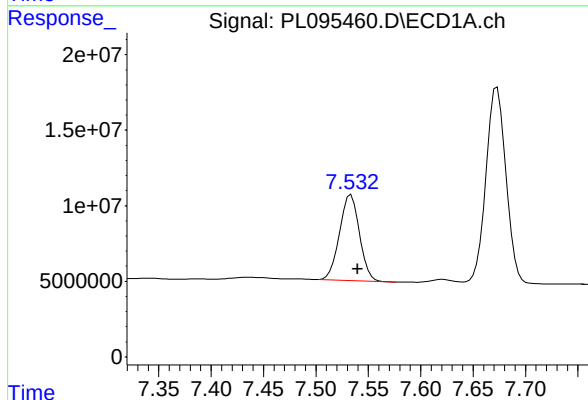
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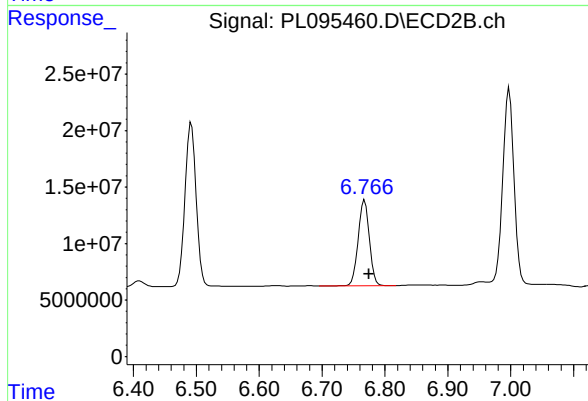
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: -0.006 min
Response: 178219616
Conc: 53.71 ng/ml



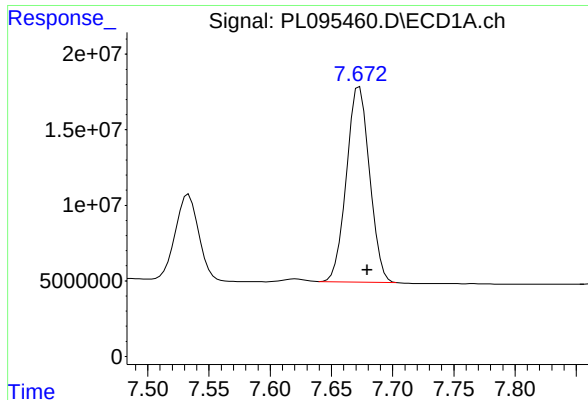
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: -0.006 min
Response: 74979142
Conc: 53.74 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.007 min
Response: 94144538
Conc: 49.36 ng/ml



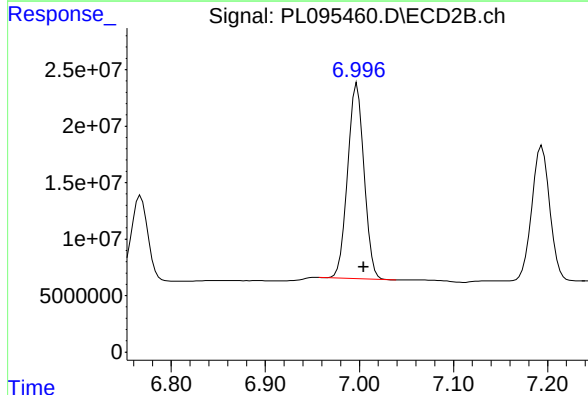
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.008 min
Response: 170426580
Conc: 59.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

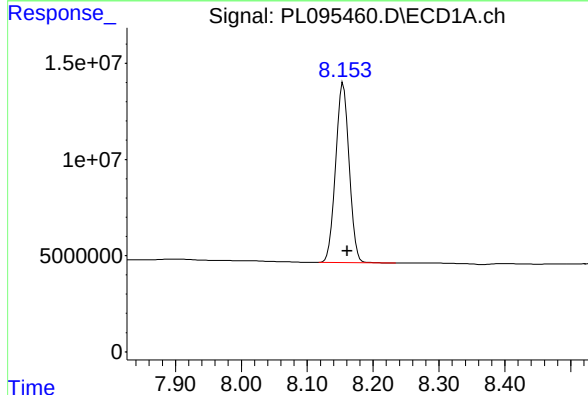
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/30/2025
Supervised By :mohammad ahmed 05/02/2025



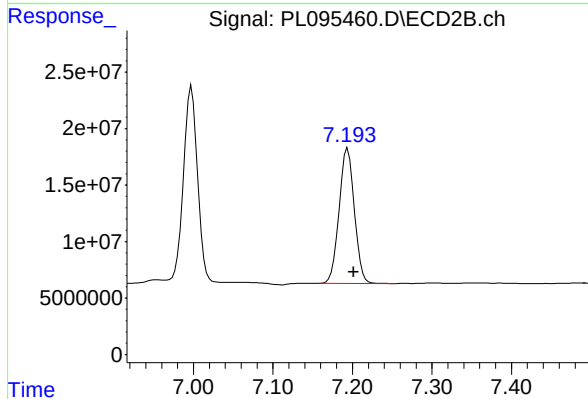
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: -0.007 min
Response: 209173292
Conc: 59.40 ng/ml



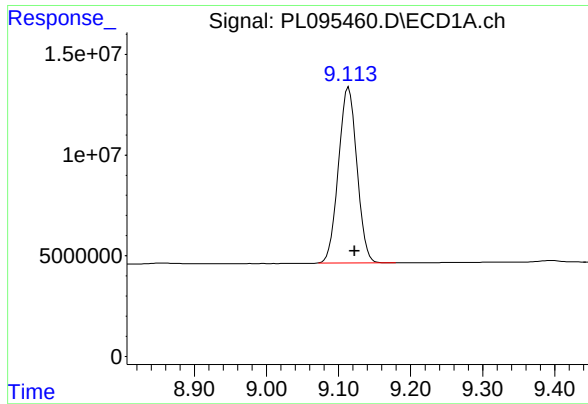
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.006 min
Response: 133250396
Conc: 56.08 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: -0.008 min
Response: 159565383
Conc: 55.36 ng/ml



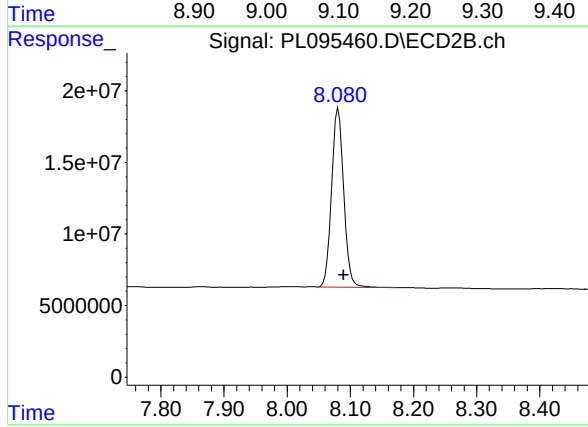
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: -0.008 min
Response: 154783745
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.009 min
Response: 166118137
Conc: 56.13 ng/ml