

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:26
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:35:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 12:35:34 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...	3.595	2.905	17226547	16774274	5.277	5.275
2) SA Decachlor...	9.124	8.089	15494795	15593893	5.592	5.270
Target Compounds						
2) A alpha-BHC	4.046	3.415	24630161	21718521	4.972	4.882
3) MA gamma-BHC...	4.378	3.749	24047920	21843021	5.080	4.966
4) MA Heptachlor	4.976	4.104	24089854	22426031	5.266	5.147
5) MB Aldrin	5.317	4.389	23939616	20545826	5.212	4.992
6) B beta-BHC	4.564	4.043	11239021	11256224	5.436	5.422
7) B delta-BHC	4.812	4.280	24459248	21692758	5.259	4.950
8) B Heptachlo...	5.739	4.893	21350448	20141703	5.331	5.214
9) A Endosulfan I	6.122	5.266	20308048	18652835	5.348	5.096
10) B gamma-Chl...	5.993	5.146	21145113	21190077	5.183	5.229
11) B alpha-Chl...	6.074	5.210	21268601	20714715	5.231	5.203
12) B 4,4'-DDE	6.242	5.397	20770904	20747185	5.298	5.101
13) MA Dieldrin	6.396	5.532	19971571	21318751	5.181	5.242
14) MA Endrin	6.622	5.806	16946885	18649649	5.321	5.123
15) B Endosulfa...	6.835	6.097	17567027	18938000	5.503	5.274
16) A 4,4'-DDD	6.753	5.949	14708945	16655803	5.196	5.099
17) MA 4,4'-DDT	7.068	6.204	14262305	17073765	5.007	4.969
18) B Endrin al...	6.964	6.275	12367450	13751187	5.329	5.262
19) B Endosulfa...	7.198	6.498	15108097	17635344	5.392	5.315
20) A Methoxychlor	7.540	6.774	7589024	10262527	5.440	5.380
21) B Endrin ke...	7.679	7.004	15300793	18268527	5.367	5.188
22) Mirex	8.161	7.200	13844446	15752969	5.827	5.469m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:26
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

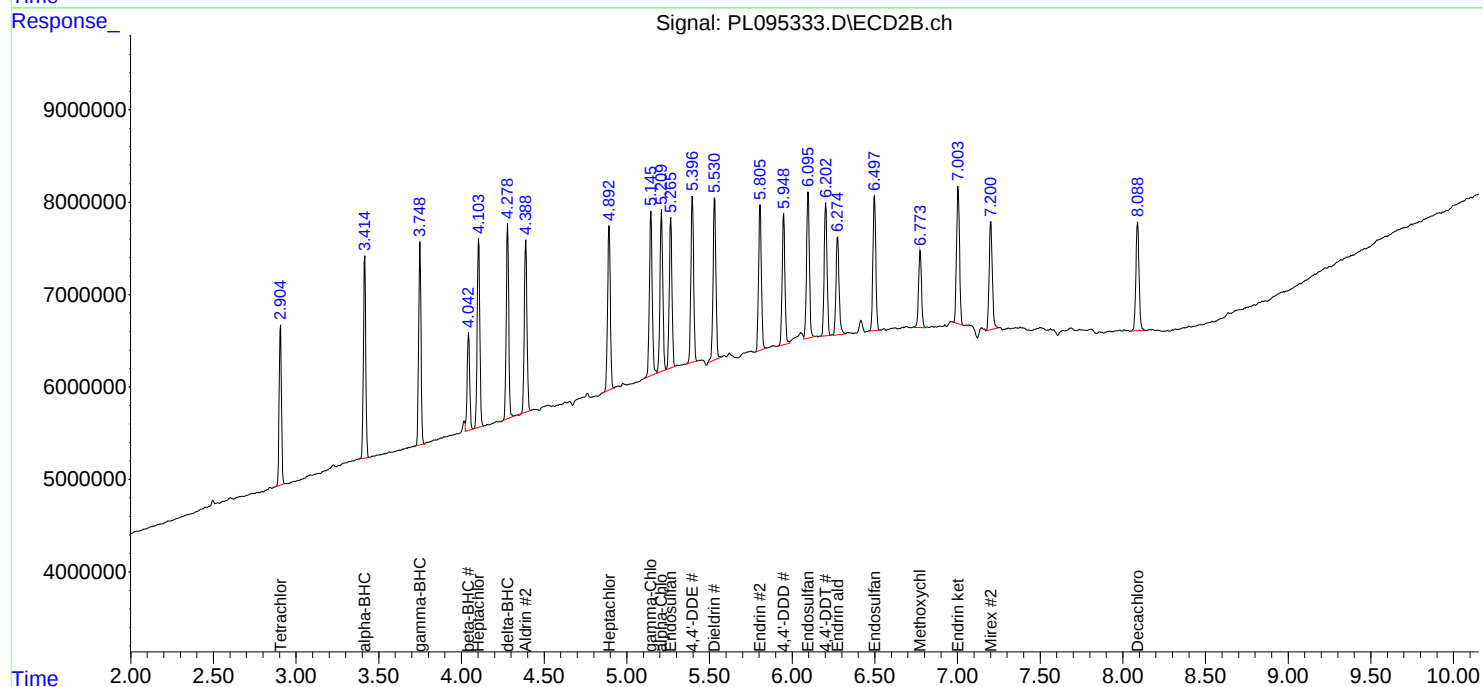
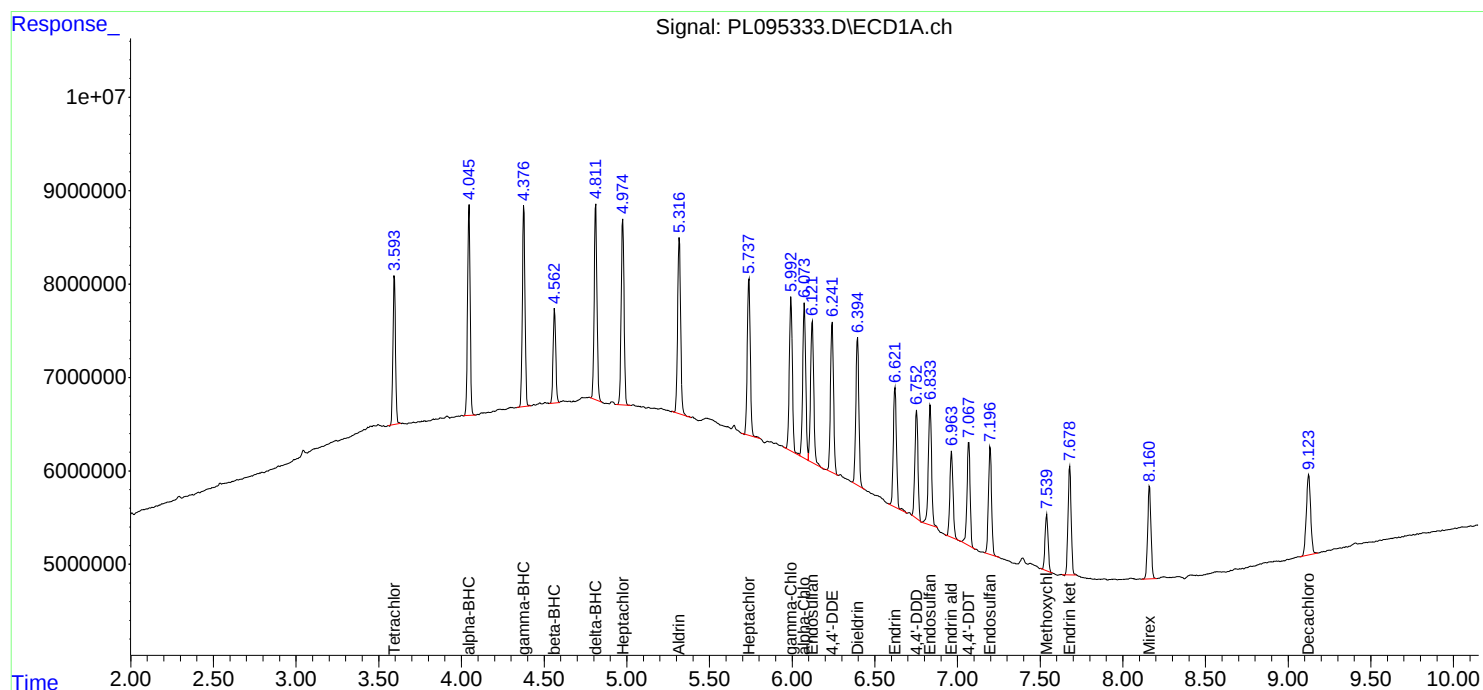
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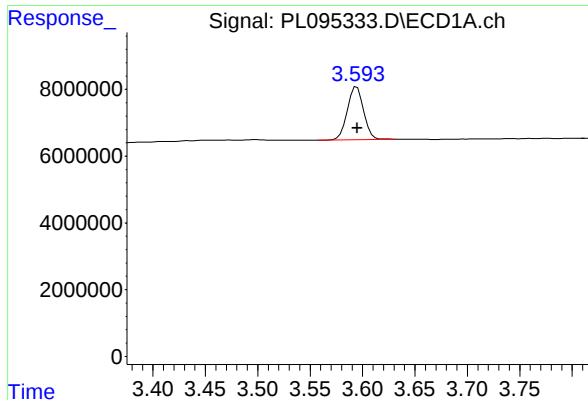
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:35:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 12:35:34 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





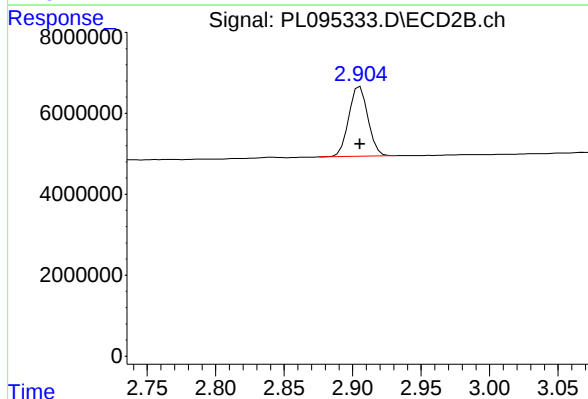
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 17226547
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

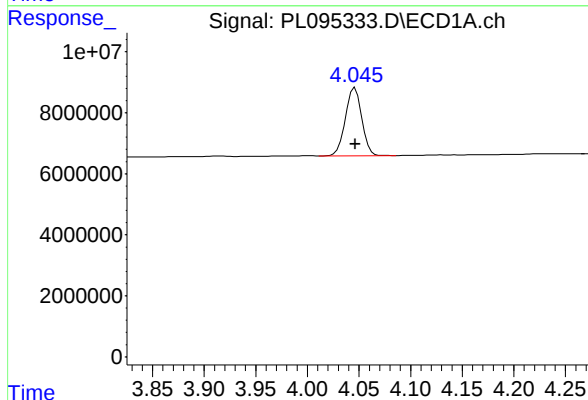
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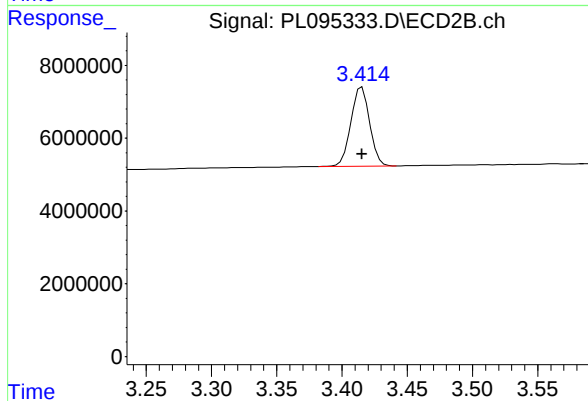
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 16774274
Conc: 5.28 ng/ml



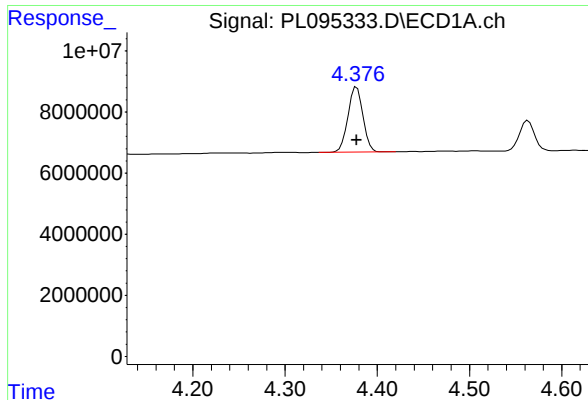
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 24630161
Conc: 4.97 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 21718521
Conc: 4.88 ng/ml



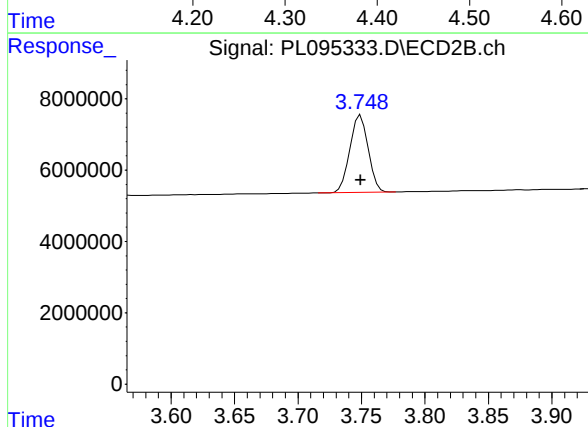
#3 gamma-BHC (Lindane)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 24047920
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

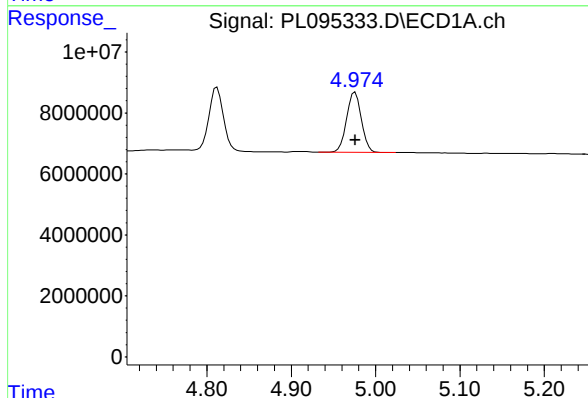
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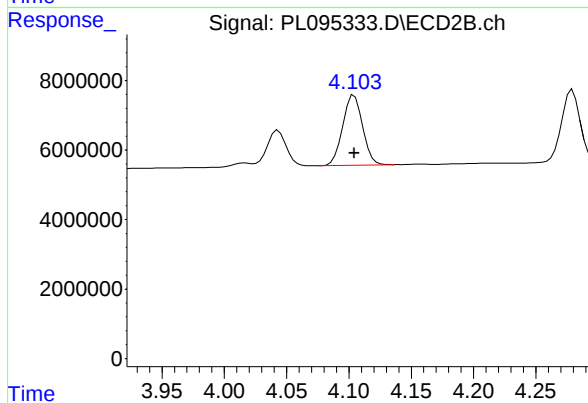
#3 gamma-BHC (Lindane)

R.T.: 3.749 min
Delta R.T.: 0.000 min
Response: 21843021
Conc: 4.97 ng/ml



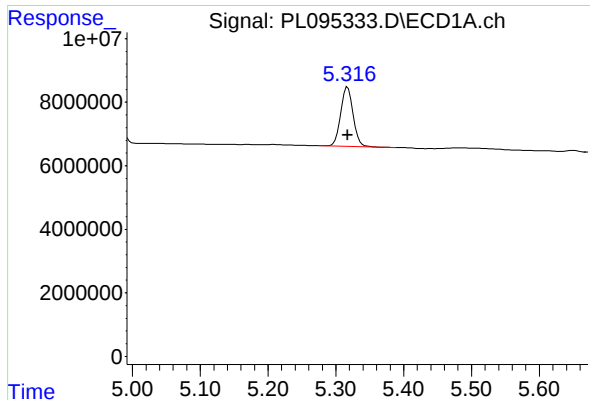
#4 Heptachlor

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 24089854
Conc: 5.27 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 22426031
Conc: 5.15 ng/ml



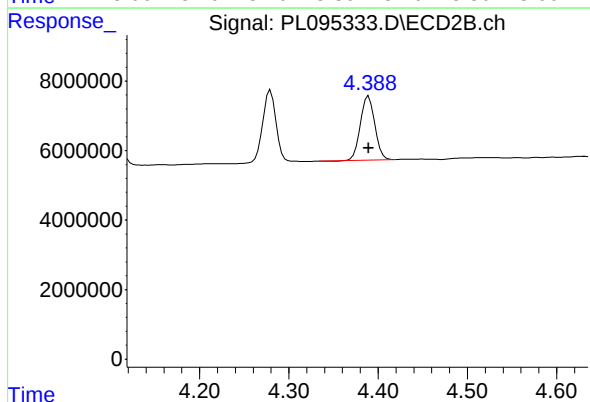
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 23939616
Conc: 5.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

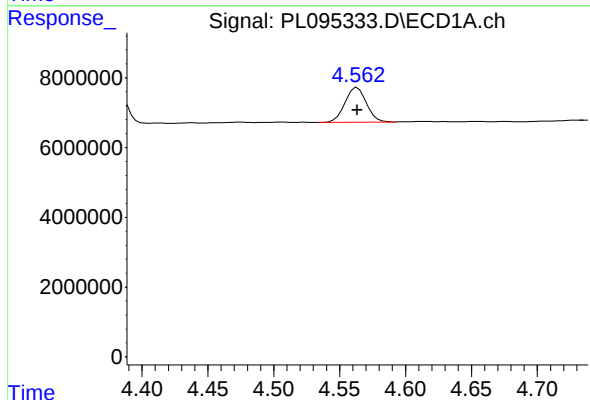
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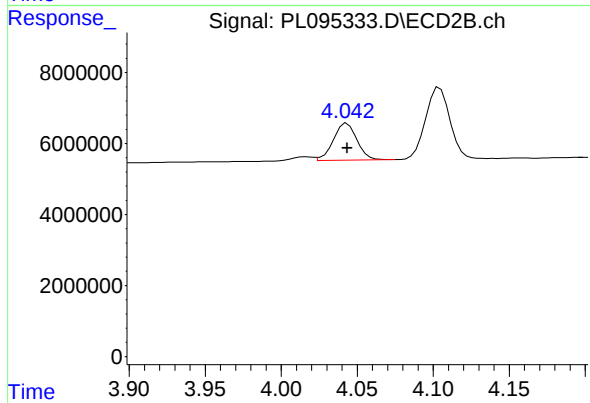
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: 0.000 min
Response: 20545826
Conc: 4.99 ng/ml



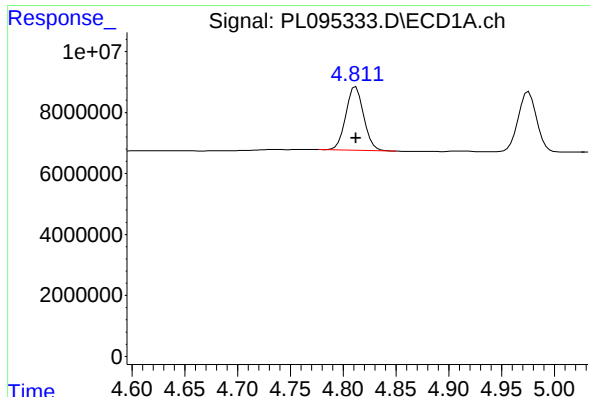
#6 beta-BHC

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 11239021
Conc: 5.44 ng/ml



#6 beta-BHC

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 11256224
Conc: 5.42 ng/ml



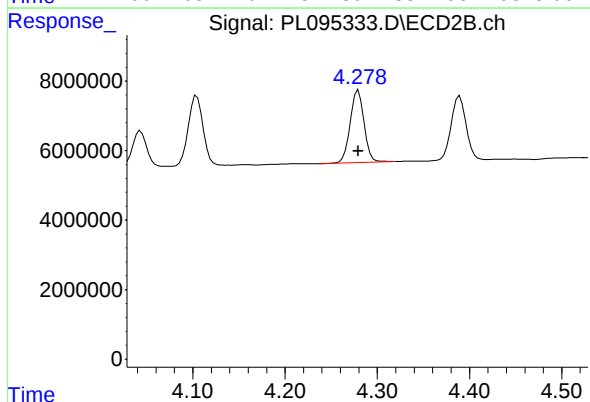
#7 delta-BHC

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 24459248
Conc: 5.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

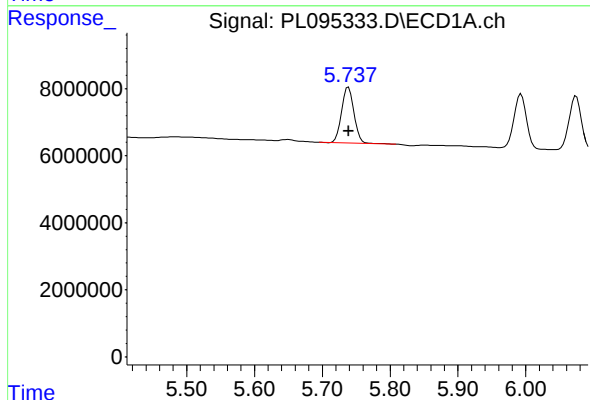
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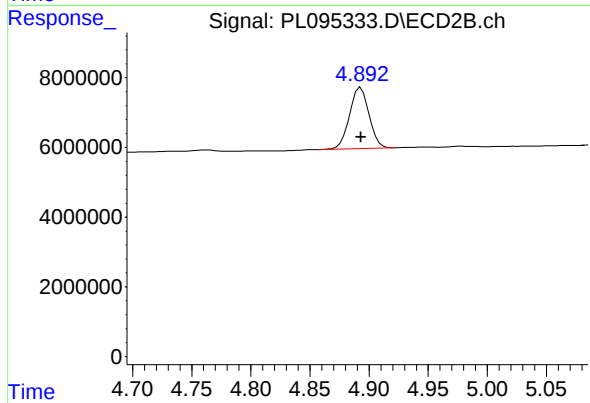
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 21692758
Conc: 4.95 ng/ml



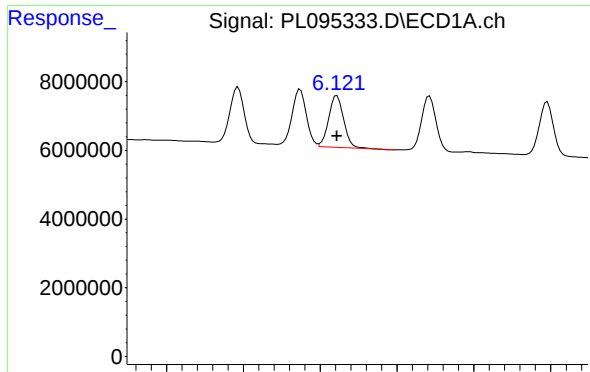
#8 Heptachlor epoxide

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 21350448
Conc: 5.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 20141703
Conc: 5.21 ng/ml



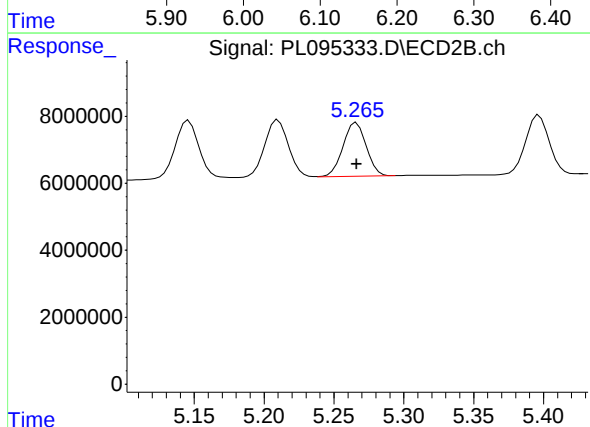
#9 Endosulfan I

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 20308048
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

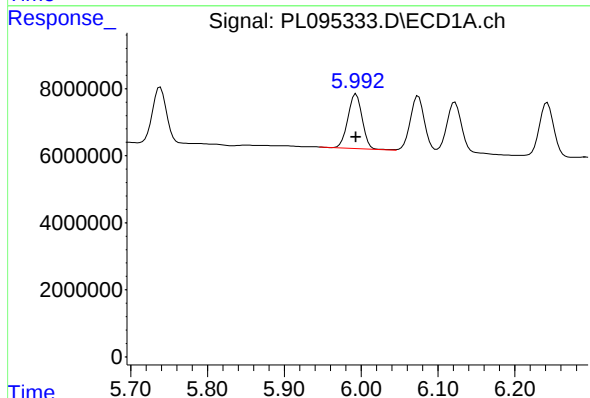
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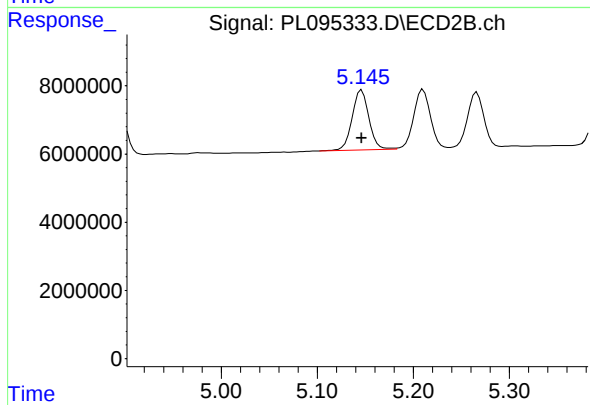
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 18652835
Conc: 5.10 ng/ml



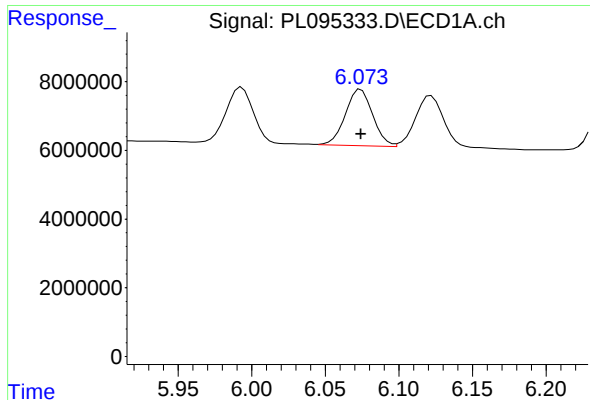
#10 gamma-Chlordane

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 21145113
Conc: 5.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 21190077
Conc: 5.23 ng/ml



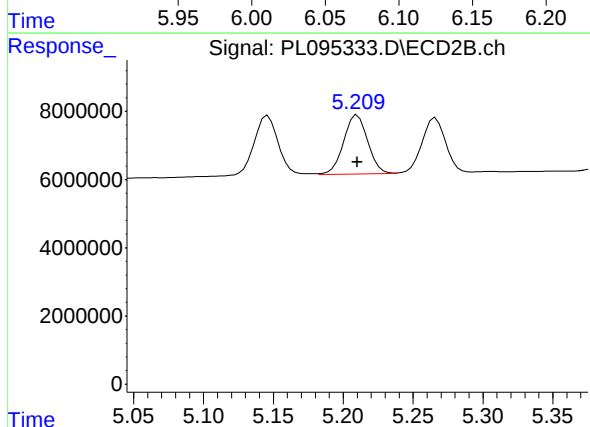
#11 alpha-Chlordane

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 21268601
Conc: 5.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

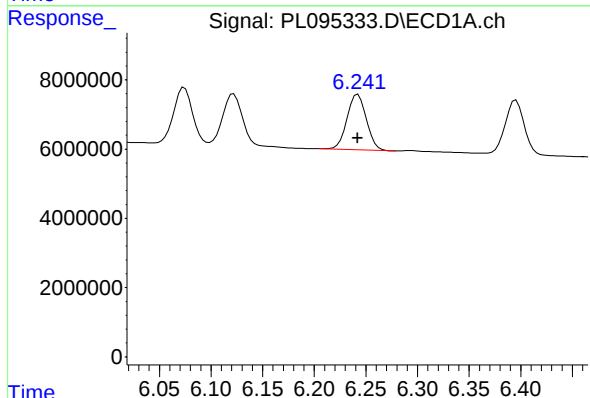
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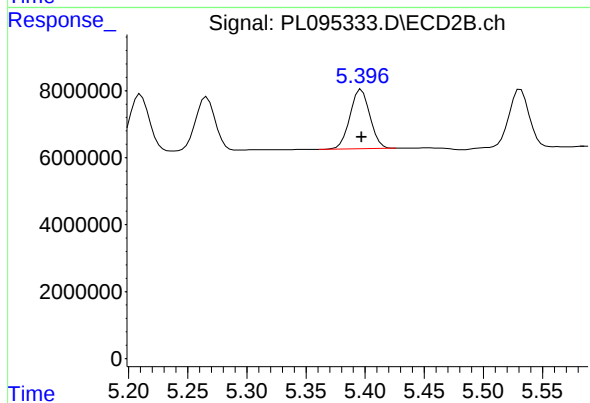
#11 alpha-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 20714715
Conc: 5.20 ng/ml



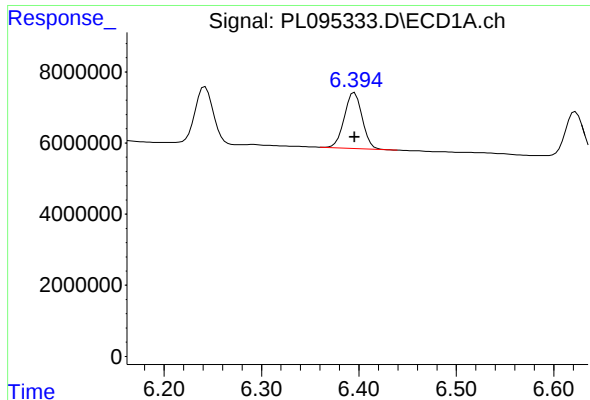
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 20770904
Conc: 5.30 ng/ml



#12 4,4'-DDE

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 20747185
Conc: 5.10 ng/ml



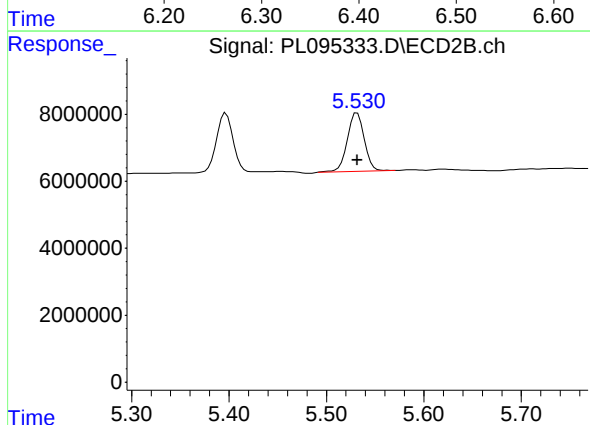
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 19971571
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

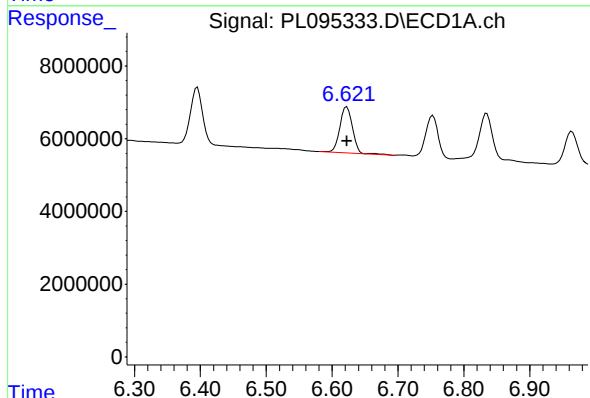
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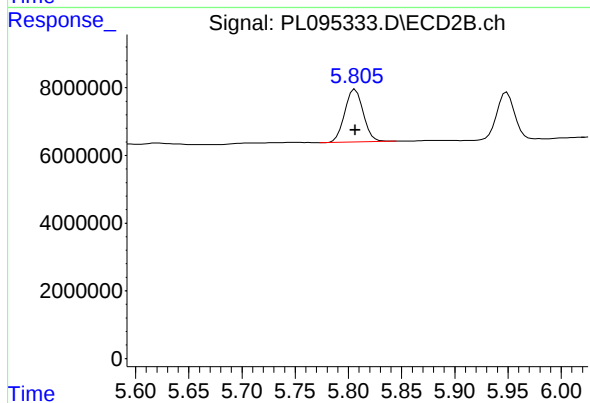
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 21318751
Conc: 5.24 ng/ml



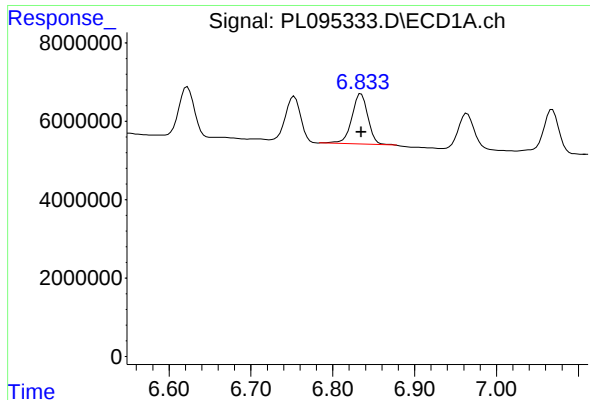
#14 Endrin

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 16946885
Conc: 5.32 ng/ml



#14 Endrin

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 18649649
Conc: 5.12 ng/ml



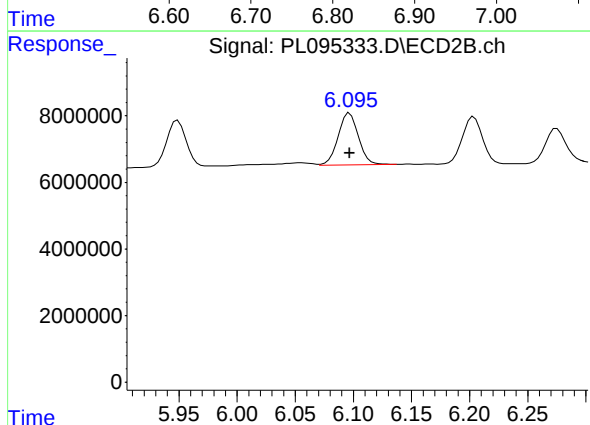
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 17567027
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

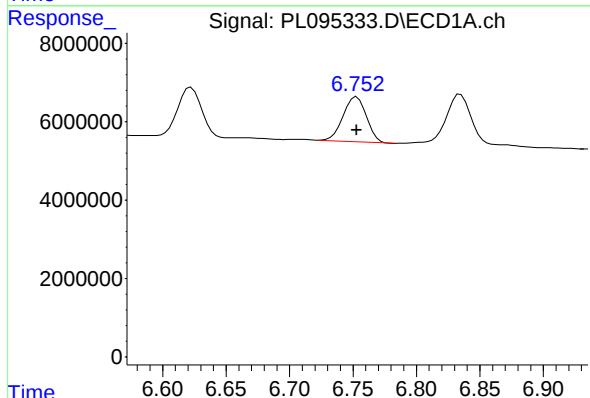
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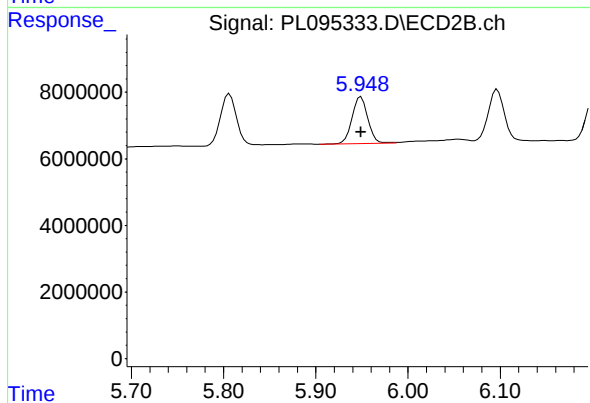
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 18938000
Conc: 5.27 ng/ml



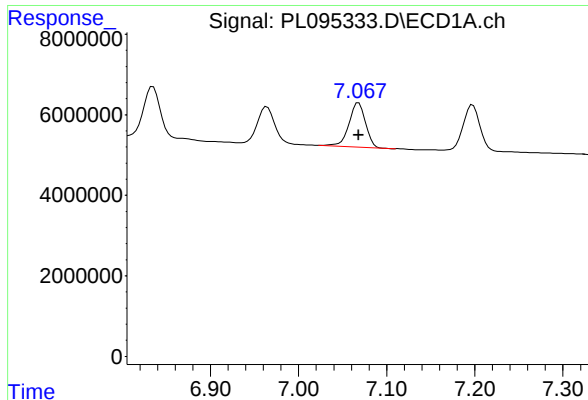
#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 14708945
Conc: 5.20 ng/ml



#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 16655803
Conc: 5.10 ng/ml



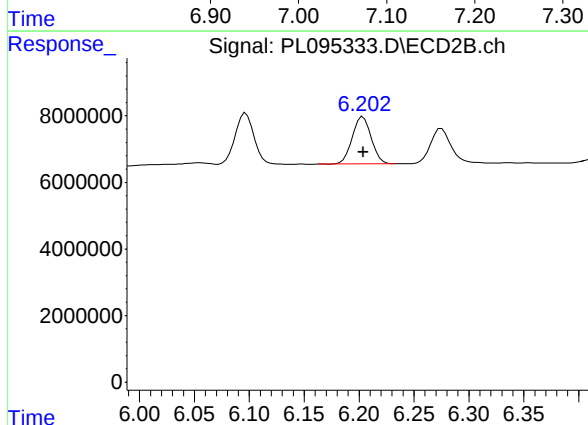
#17 4,4'-DDT

R.T.: 7.068 min
Delta R.T.: 0.000 min
Response: 14262305
Conc: 5.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

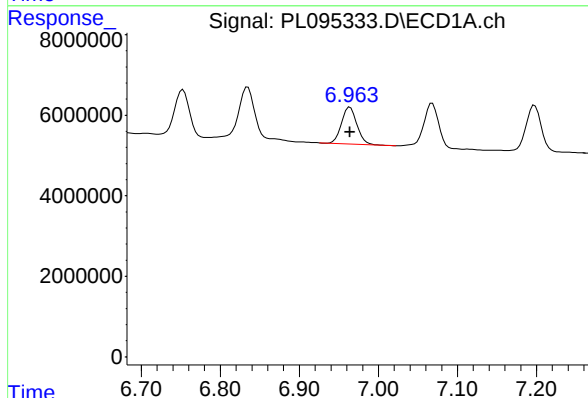
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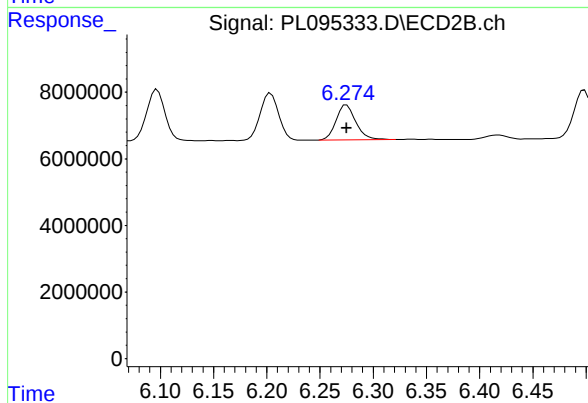
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 17073765
Conc: 4.97 ng/ml



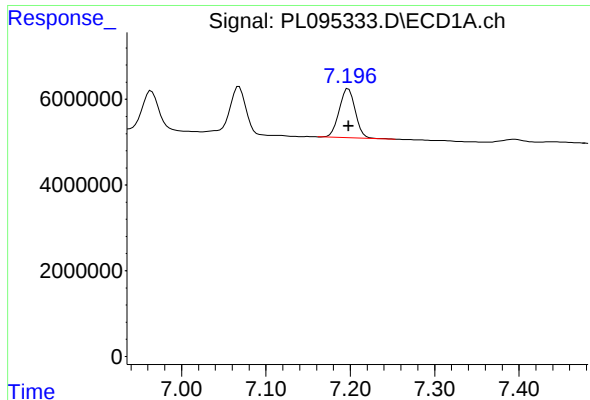
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 12367450
Conc: 5.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 13751187
Conc: 5.26 ng/ml



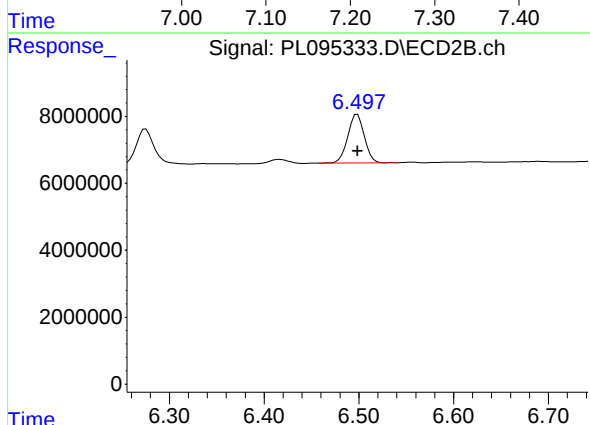
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 15108097
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

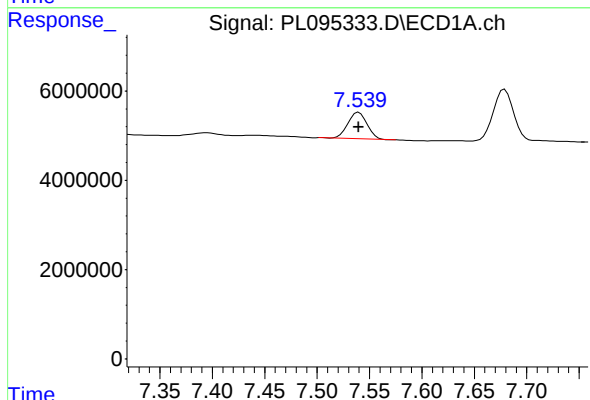
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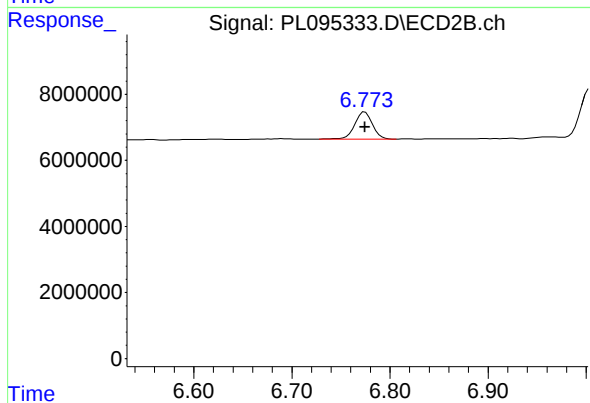
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 17635344
Conc: 5.32 ng/ml



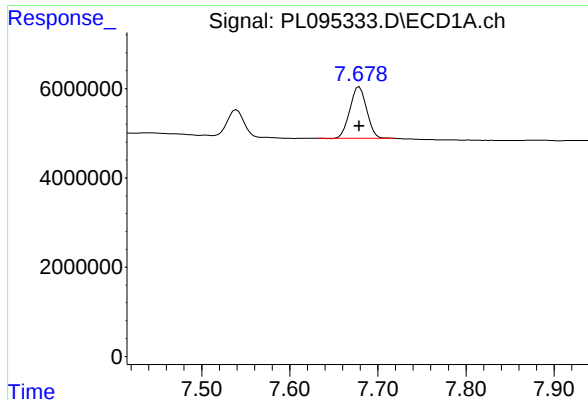
#20 Methoxychlor

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 7589024
Conc: 5.44 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 10262527
Conc: 5.38 ng/ml



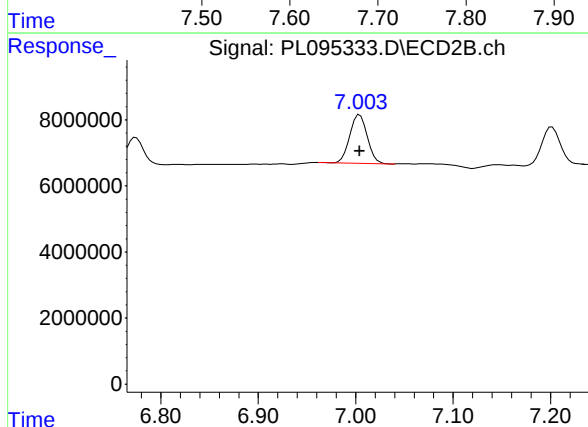
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 15300793
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

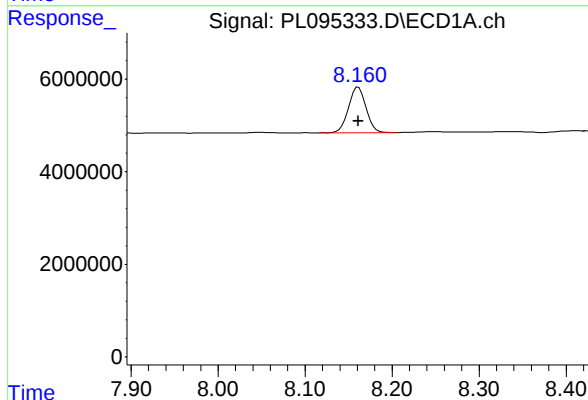
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Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



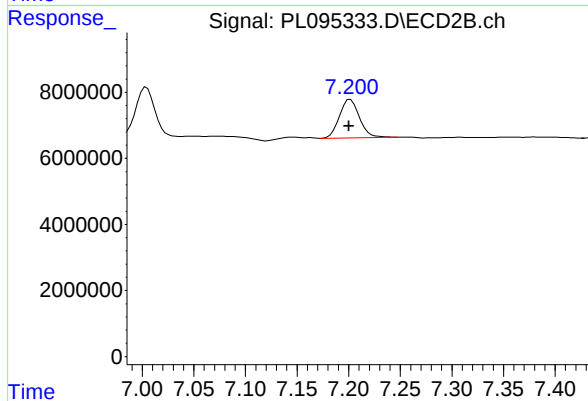
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 18268527
Conc: 5.19 ng/ml



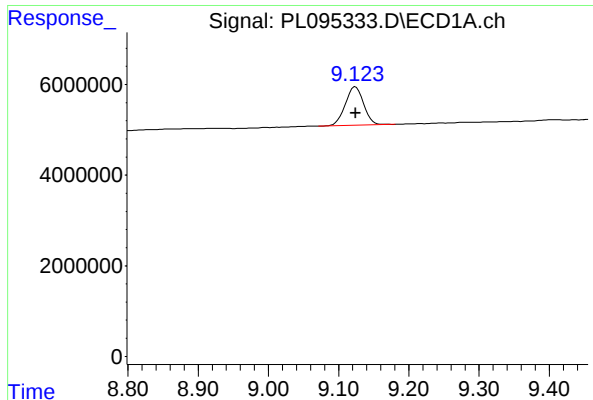
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 13844446
Conc: 5.83 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 15752969
Conc: 5.47 ng/ml m



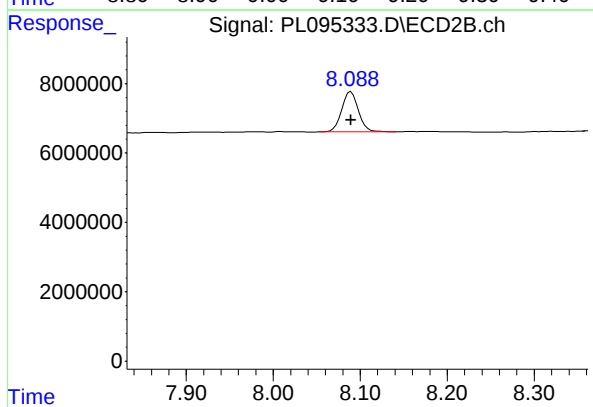
#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 15494795
Conc: 5.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 15593893
Conc: 5.27 ng/ml