

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051325\
 Data File : PL095637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2025 13:18
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2025
 Supervised By : mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 13:55:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 13:44:26 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	2.911	22919336	27713661	5.609	5.917
28) SA Decachlor...	9.116	8.085	18484150	23951581	5.449	5.810m
Target Compounds						
2) A alpha-BHC	4.043	3.420	30240349	39942097	5.168	5.585
3) MA gamma-BHC...	4.374	3.754	29493823	38007984	5.299	5.629
4) MA Heptachlor	4.972	4.107	29721597	38325543	5.458	5.875
5) MB Aldrin	5.314	4.392	30785570	37352453	5.360	5.857
6) B beta-BHC	4.560	4.047	13731087	18327254	5.607	6.075
7) B delta-BHC	4.808	4.284	29075348	38205628	5.352	5.613
8) B Heptachlo...	5.732	4.895	31562302	34123707	6.095m	5.904
9) A Endosulfan I	6.116	5.266	26029898	27982651	5.286m	5.413m
10) B gamma-Chl...	5.988	5.146	28622298	34978408	5.361m	5.867m
11) B alpha-Chl...	6.068	5.211	27839765	36084553	5.332m	6.130m
12) B 4,4'-DDE	6.238	5.398	25468034	33802361	4.977	5.664
13) MA Dieldrin	6.391	5.532	26197927	35533504	5.316	5.786m
14) MA Endrin	6.618	5.808	20580618	30899525	5.373	5.800
15) B Endosulfa...	6.830	6.097	23441777	33615921	5.624	6.188m
16) A 4,4'-DDD	6.748	5.950	22438214	29449444	5.775	5.726
17) MA 4,4'-DDT	7.063	6.204	17617634	26896345	4.897	5.359
18) B Endrin al...	6.959	6.276	15247824	21841755	5.194	5.705
19) B Endosulfa...	7.192	6.499	20033288	30086708	5.458	6.052
20) A Methoxychlor	7.534	6.774	8896553	15449972	5.277	5.710
21) B Endrin ke...	7.674	7.004	19742168	33997071	5.270	5.785m
22) Mirex	8.155	7.201	17490686	25827179	5.745	5.990

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051325\
Data File : PL095637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 May 2025 13:18
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

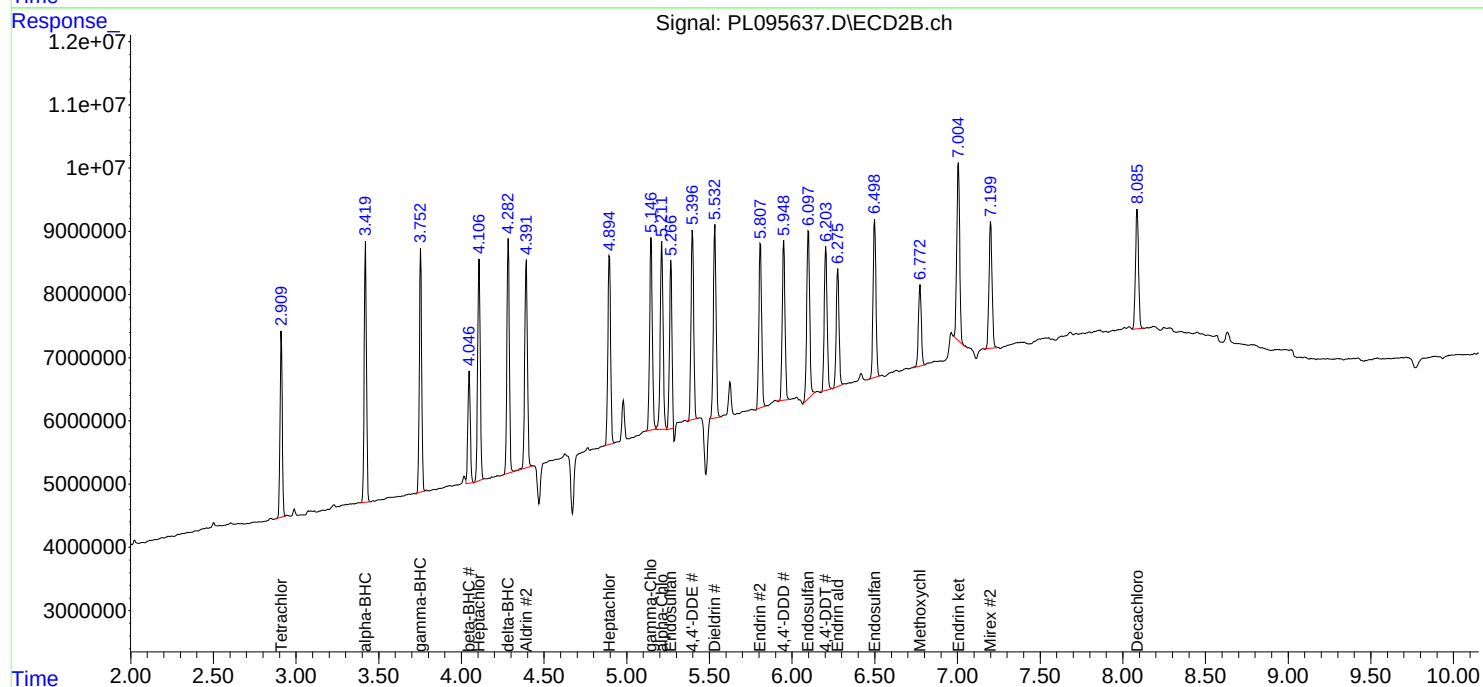
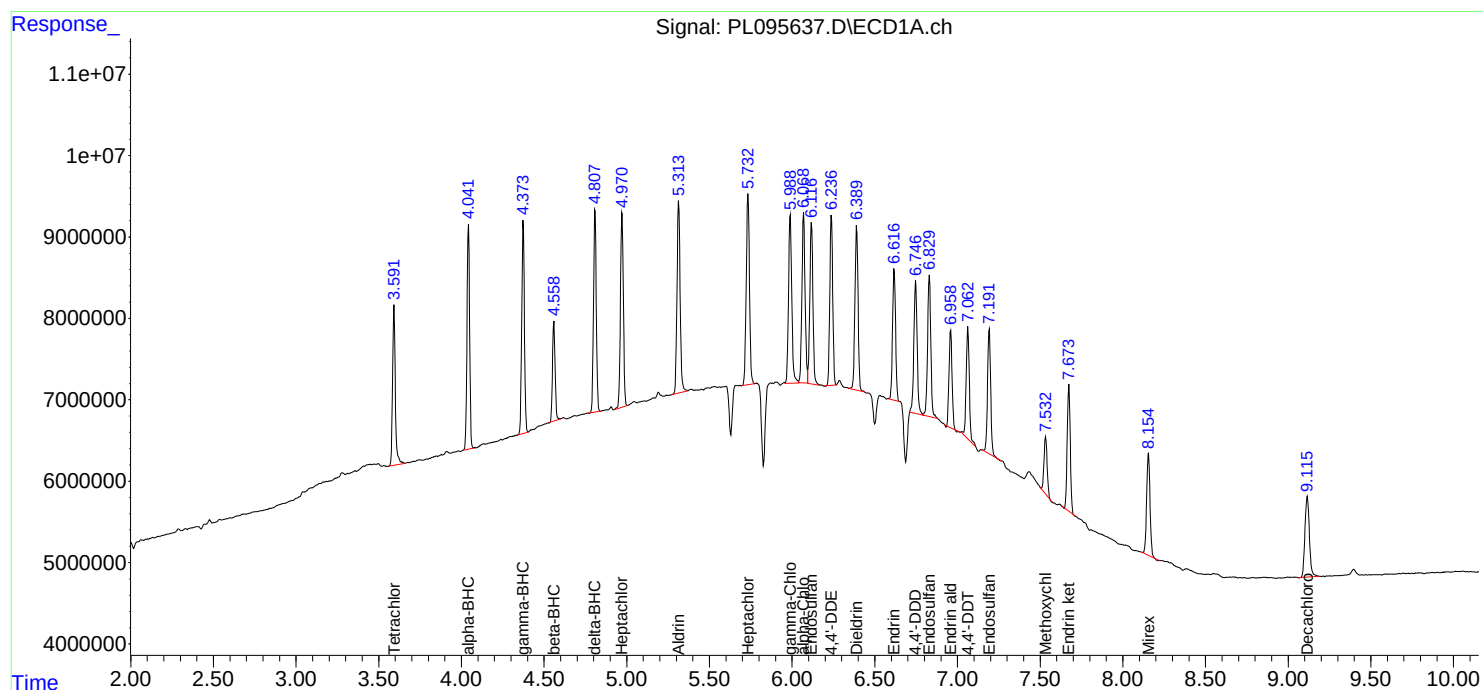
APPROVED

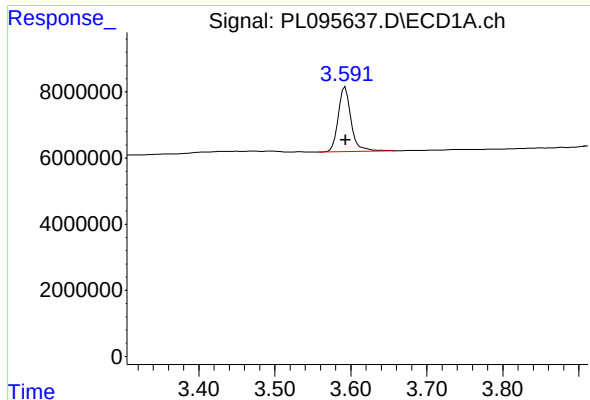
Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 13:55:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 13:44:26 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





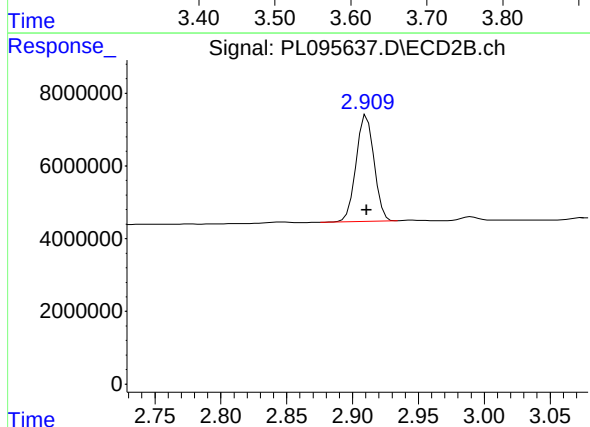
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 22919336
Conc: 5.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

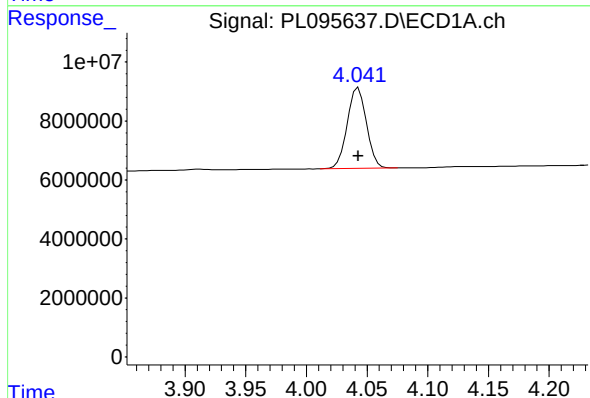
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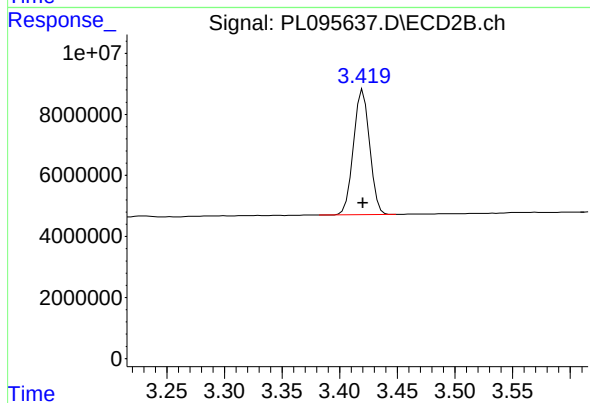
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.000 min
Response: 27713661
Conc: 5.92 ng/ml



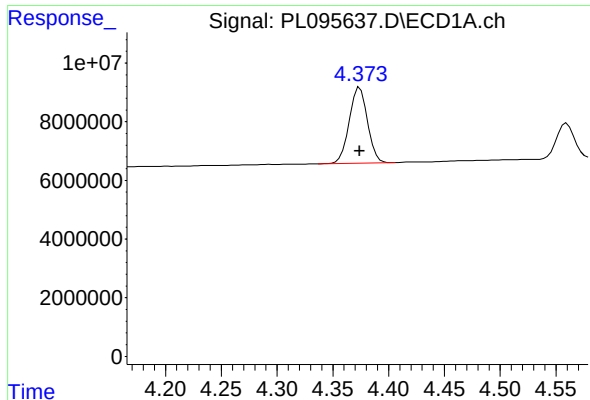
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 30240349
Conc: 5.17 ng/ml



#2 alpha-BHC

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 39942097
Conc: 5.59 ng/ml



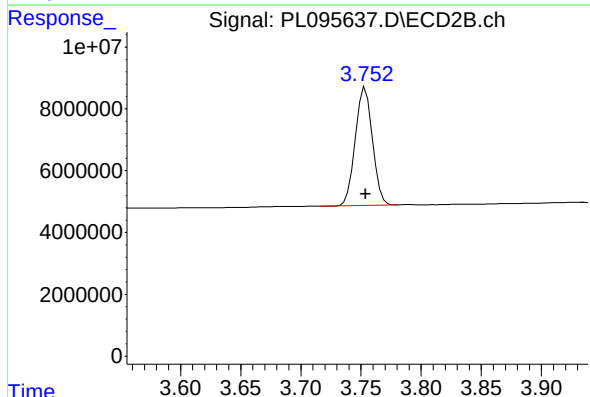
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 29493823
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

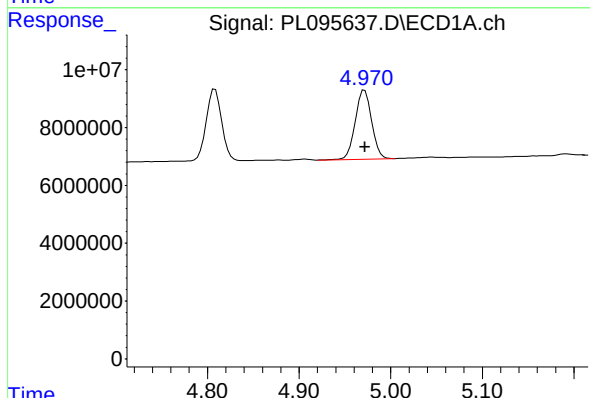
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Supervised By :mohammad ahmed 05/16/2025



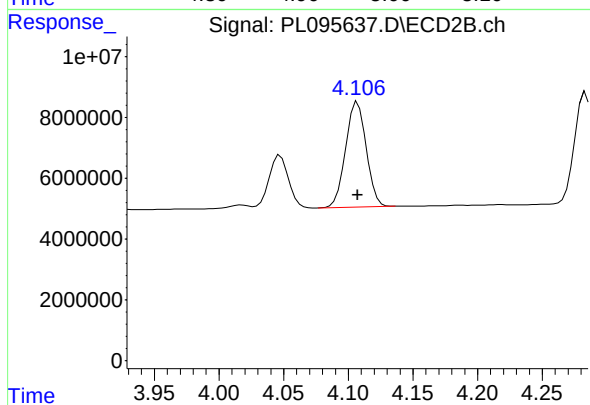
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 38007984
Conc: 5.63 ng/ml



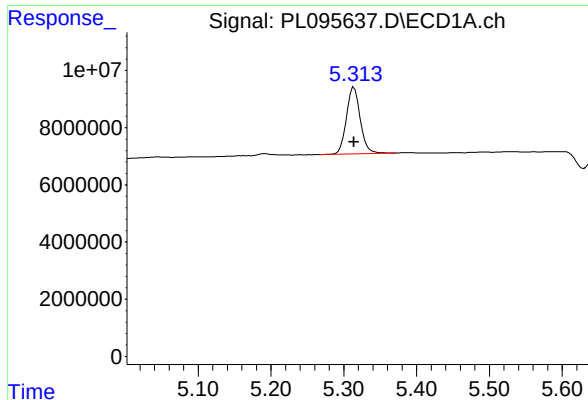
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 29721597
Conc: 5.46 ng/ml



#4 Heptachlor

R.T.: 4.107 min
Delta R.T.: 0.000 min
Response: 38325543
Conc: 5.88 ng/ml



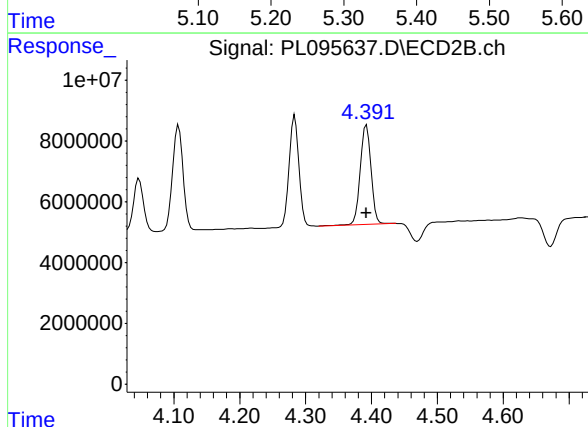
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: 0.000 min
Response: 30785570
Conc: 5.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

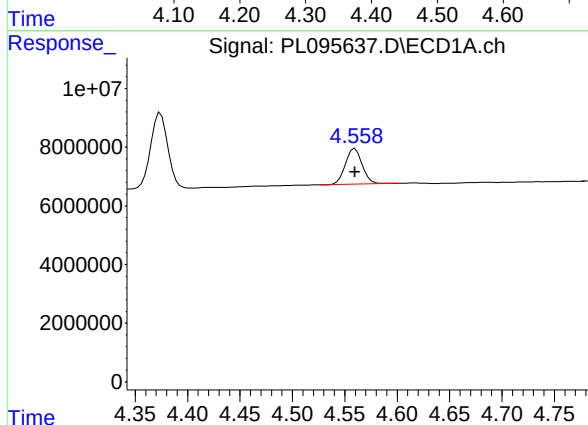
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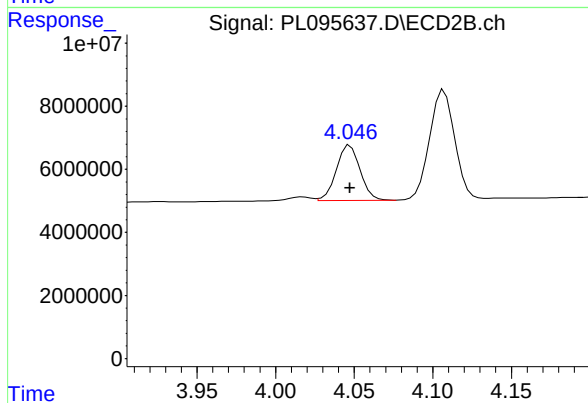
#5 Aldrin

R.T.: 4.392 min
Delta R.T.: 0.000 min
Response: 37352453
Conc: 5.86 ng/ml



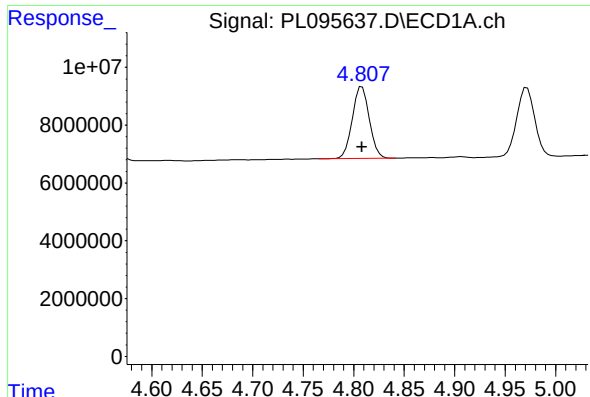
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: 0.000 min
Response: 13731087
Conc: 5.61 ng/ml



#6 beta-BHC

R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 18327254
Conc: 6.07 ng/ml



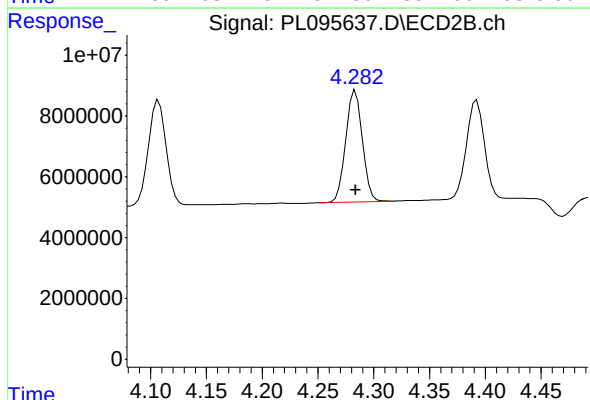
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 29075348
Conc: 5.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

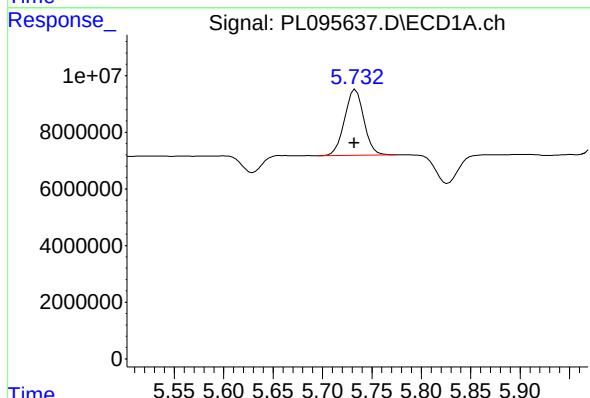
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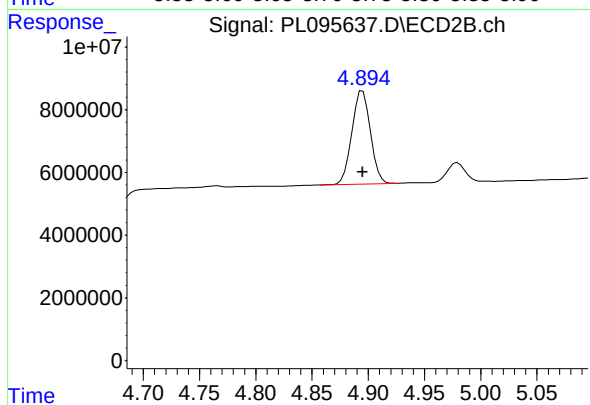
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 38205628
Conc: 5.61 ng/ml



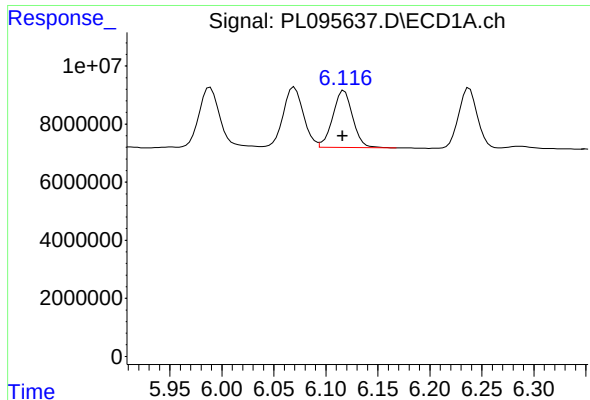
#8 Heptachlor epoxide

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 31562302
Conc: 6.10 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 34123707
Conc: 5.90 ng/ml



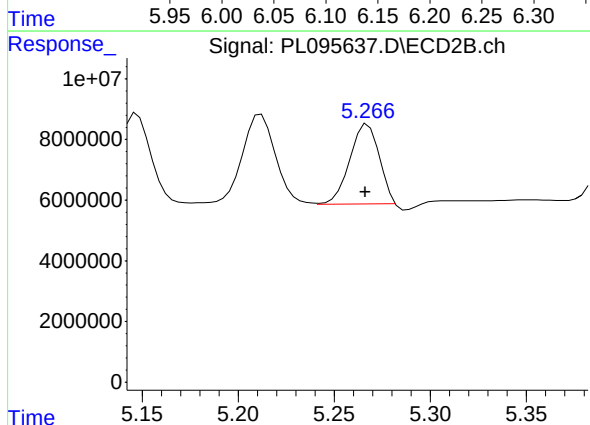
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 26029898
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

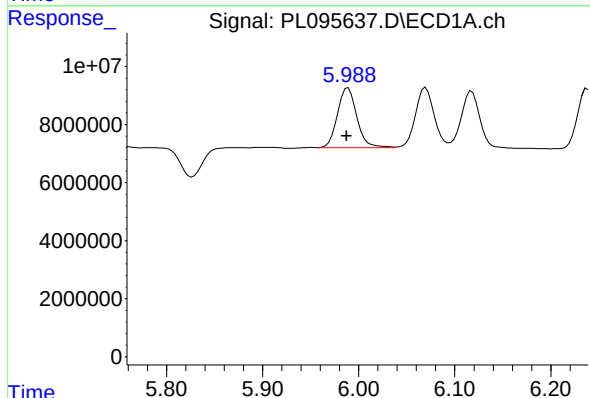
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Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



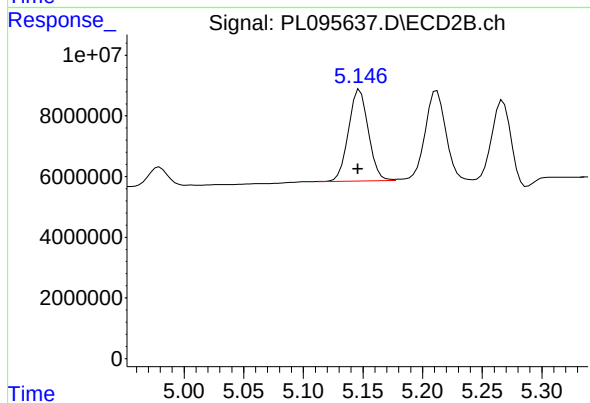
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 27982651
Conc: 5.41 ng/ml m



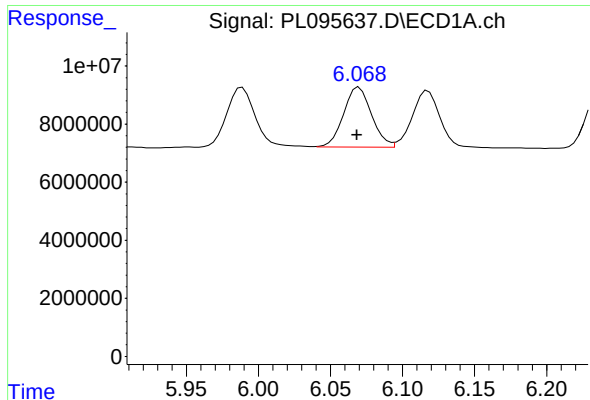
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 28622298
Conc: 5.36 ng/ml m



#10 gamma-Chlordane

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 34978408
Conc: 5.87 ng/ml m



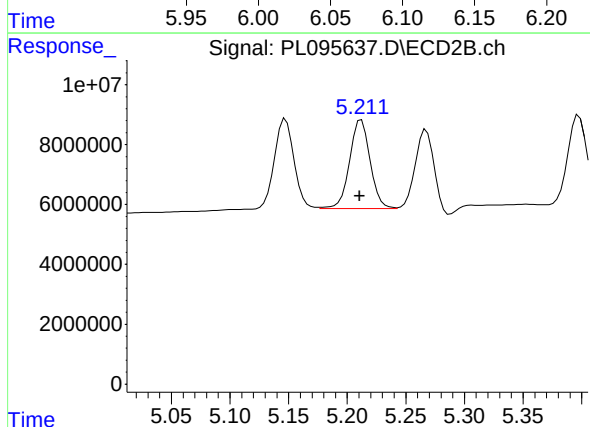
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 27839765
Conc: 5.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

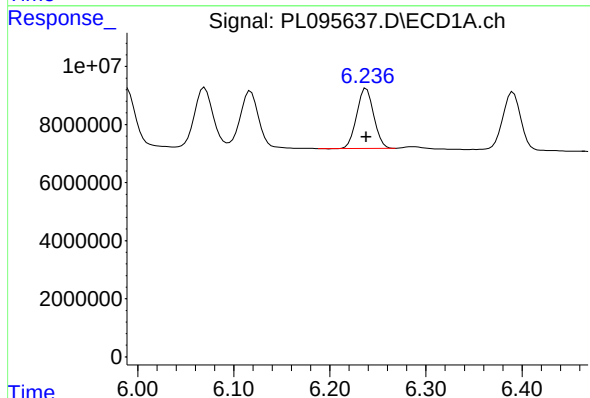
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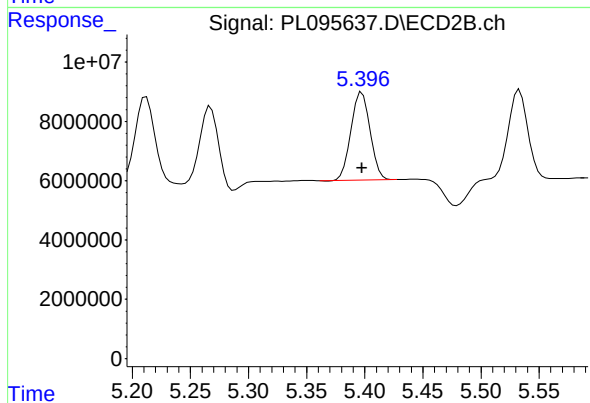
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 36084553
Conc: 6.13 ng/ml m



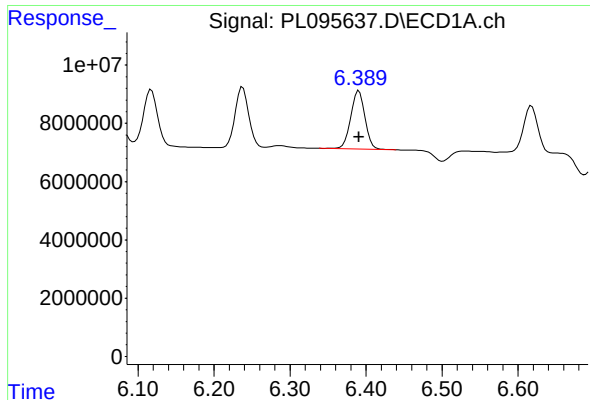
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 25468034
Conc: 4.98 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 33802361
Conc: 5.66 ng/ml



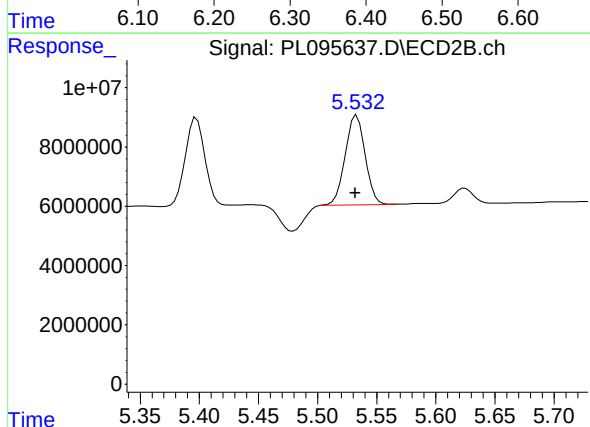
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 26197927
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

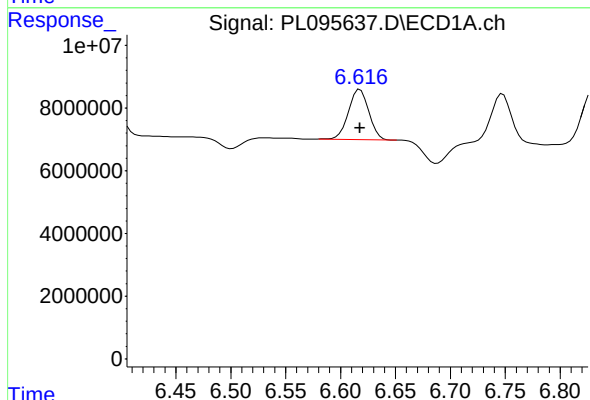
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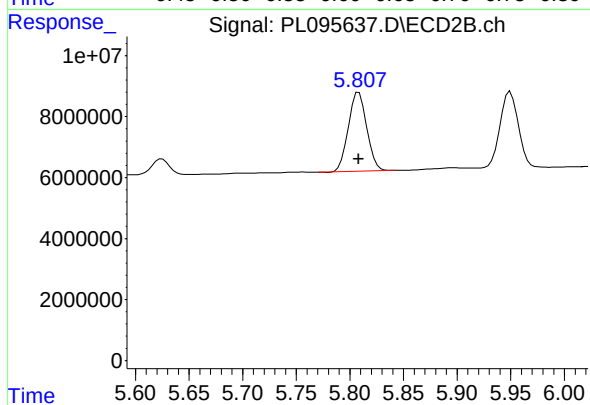
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 35533504
Conc: 5.79 ng/ml m



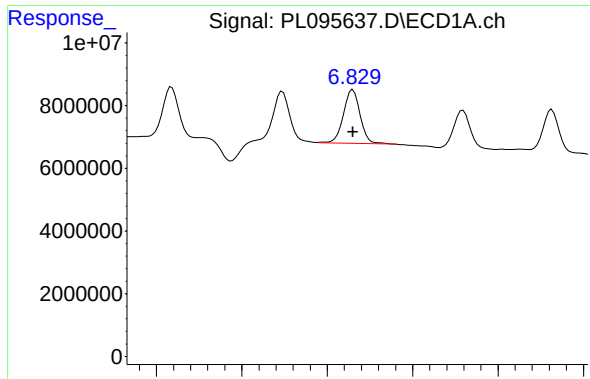
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 20580618
Conc: 5.37 ng/ml



#14 Endrin

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 30899525
Conc: 5.80 ng/ml



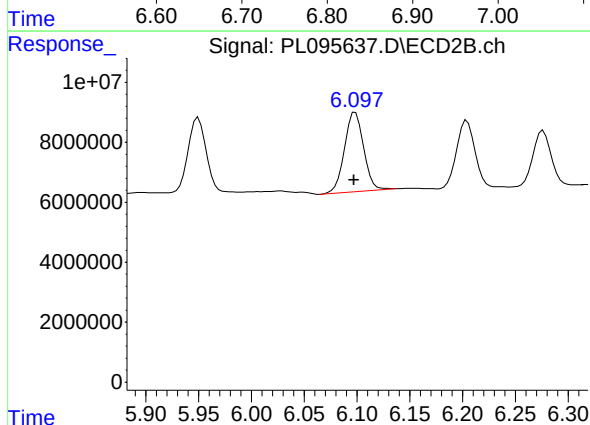
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 23441777
Conc: 5.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

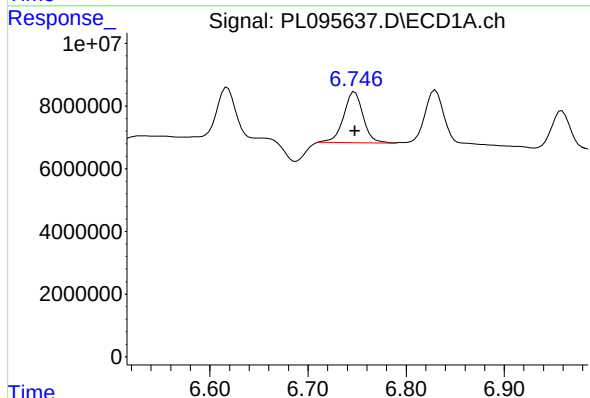
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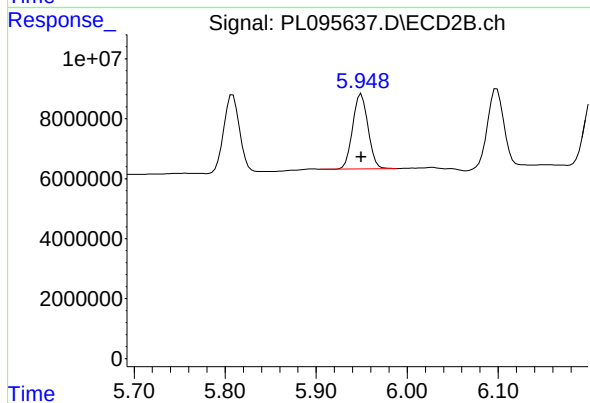
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 33615921
Conc: 6.19 ng/ml m



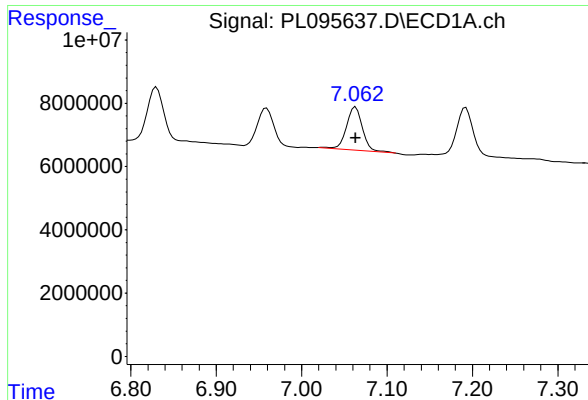
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 22438214
Conc: 5.77 ng/ml



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 29449444
Conc: 5.73 ng/ml



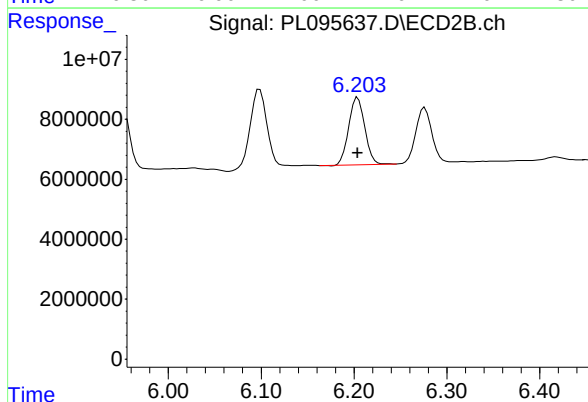
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 17617634
Conc: 4.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

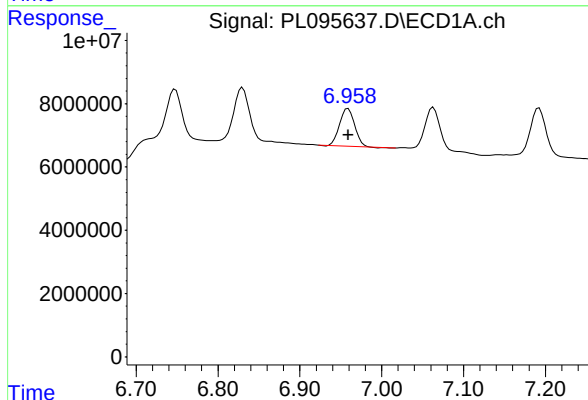
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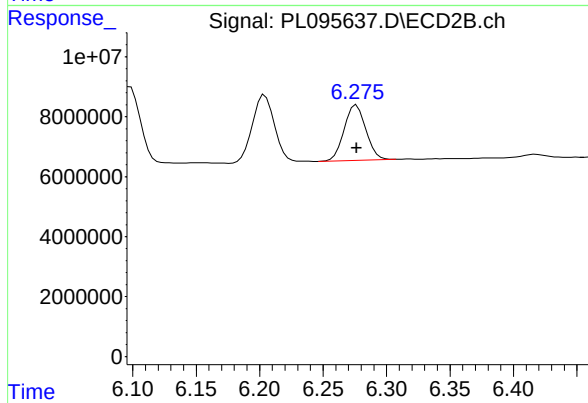
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 26896345
Conc: 5.36 ng/ml



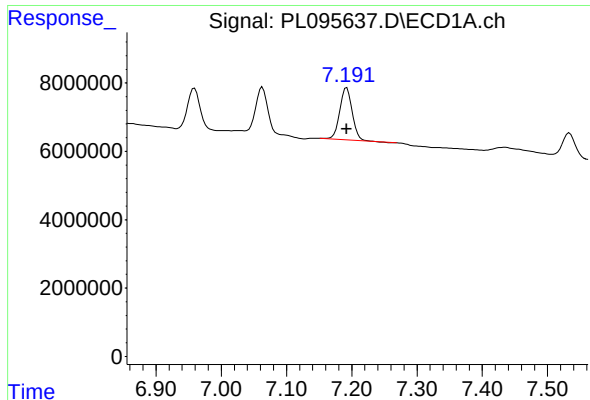
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 15247824
Conc: 5.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 21841755
Conc: 5.70 ng/ml



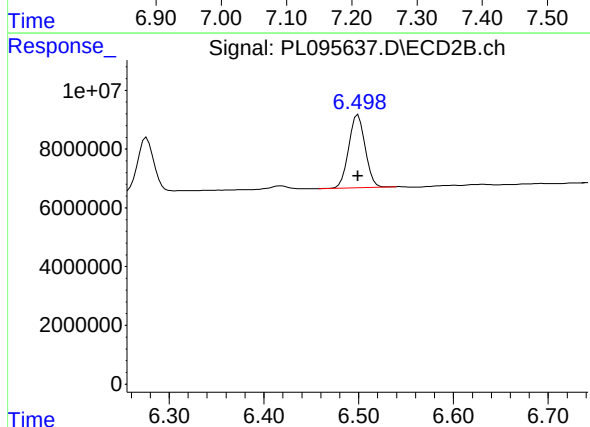
#19 Endosulfan Sulfate

R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 20033288
Conc: 5.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

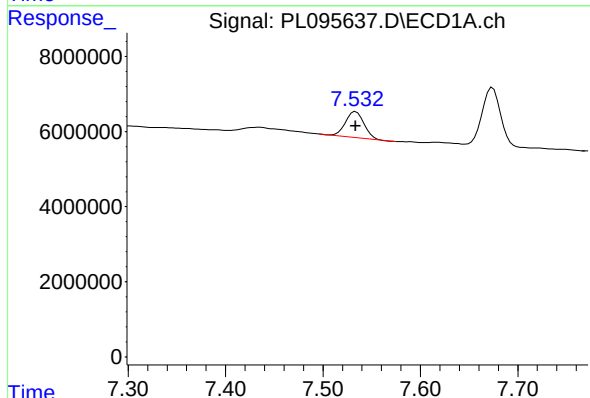
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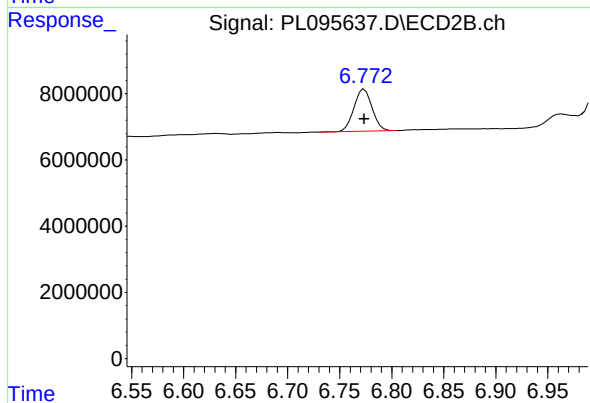
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 30086708
Conc: 6.05 ng/ml



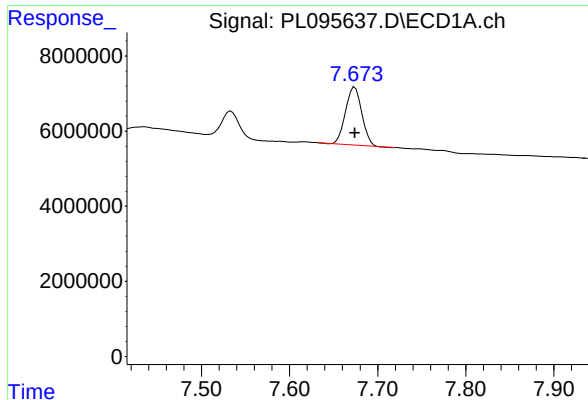
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 8896553
Conc: 5.28 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 15449972
Conc: 5.71 ng/ml



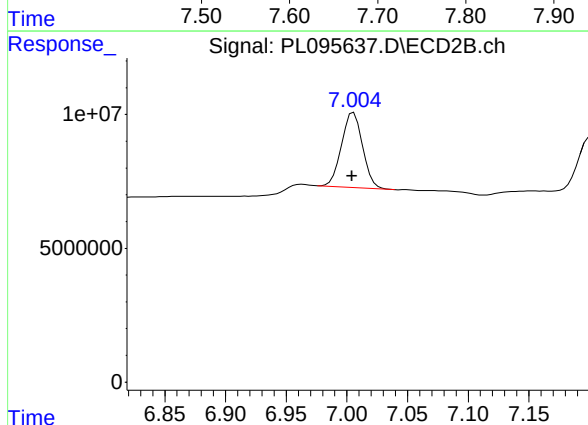
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: 0.000 min
Response: 19742168
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

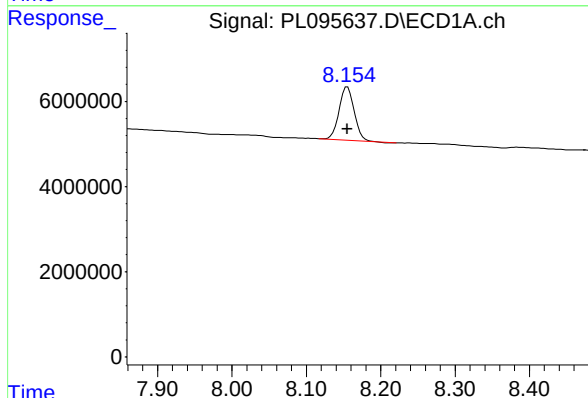
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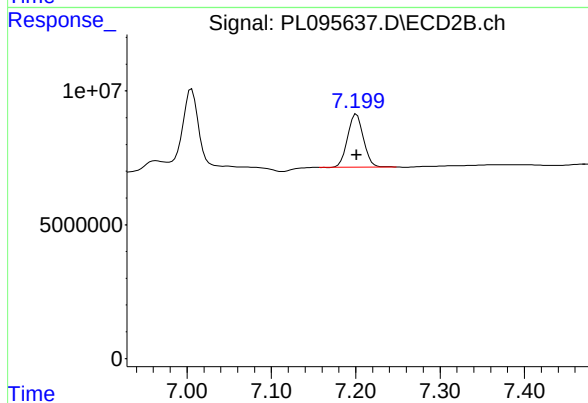
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.000 min
Response: 33997071
Conc: 5.78 ng/ml m



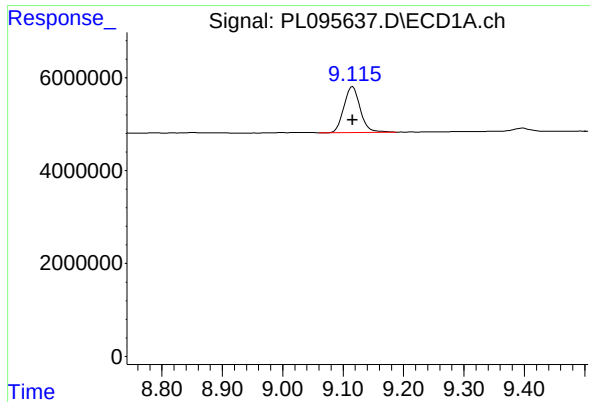
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 17490686
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.000 min
Response: 25827179
Conc: 5.99 ng/ml



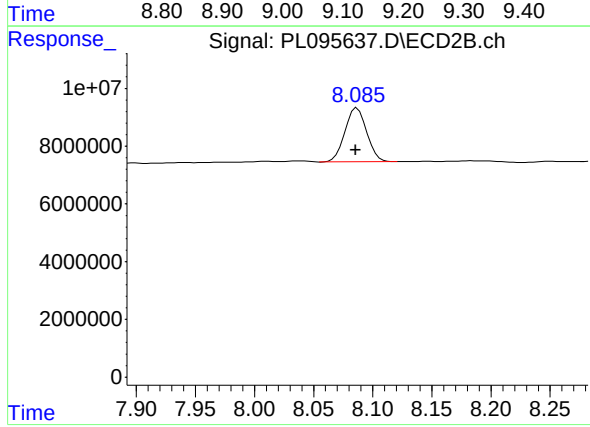
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 18484150
Conc: 5.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/16/2025



#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 23951581
Conc: 5.81 ng/ml m