

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062625\
 Data File : PL096178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 12:48
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/01/2025
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 13:01:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 26 13:01:36 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...	3.569	2.880	16833196	22942396	5.111	5.082
28) SA Decachlor...	9.125	8.066	14295414	30520011	5.578	5.332
Target Compounds						
2) A alpha-BHC	4.020	3.388	24185514	29978598	4.881	4.590
3) MA gamma-BHC...	4.351	3.721	23405529	29240140	5.049	4.717
4) MA Heptachlor	4.947	4.073	22029006	30680516	5.188m	4.917
5) MB Aldrin	5.290	4.357	22821300	28534140	5.246	4.829
6) B beta-BHC	4.539	4.017	10670650	14100153	5.387	5.168
7) B delta-BHC	4.785	4.252	21914745	29122008	4.977m	4.698
8) B Heptachlo...	5.710	4.859	21124039	28099083	5.393m	5.093
9) A Endosulfan I	6.094	5.230	19423522	32667238	5.367	5.741m
10) B gamma-Chl...	5.966	5.111	19739547	30391064	5.109	5.065m
11) B alpha-Chl...	6.047	5.175	20573044	32344041	5.306	5.335m
12) B 4,4'-DDE	6.218	5.365	18121288	28747062	5.042	4.925
13) MA Dieldrin	6.368	5.498	19976976	28626486	5.177	4.914
14) MA Endrin	6.596	5.774	16440237	27130603	5.173	5.088
15) B Endosulfa...	6.807	6.066	21668433	27199878	6.097m	5.147m
16) A 4,4'-DDD	6.729	5.920	15453379	24004357	5.230	4.936
17) MA 4,4'-DDT	7.046	6.175	14472120	23727118	4.952	4.623
18) B Endrin al...	6.939	6.244	13562500	24998808	5.590	5.890m
19) B Endosulfa...	7.174	6.470	16943455	25944656	5.520	5.134
20) A Methoxychlor	7.524	6.750	8176168	14390324	5.417	5.042
21) B Endrin ke...	7.657	6.978	17482139	29619549	5.367	5.067
22) Mirex	8.140	7.169	14404544	25831503	5.776	5.428m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062625\
Data File : PL096178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:48
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

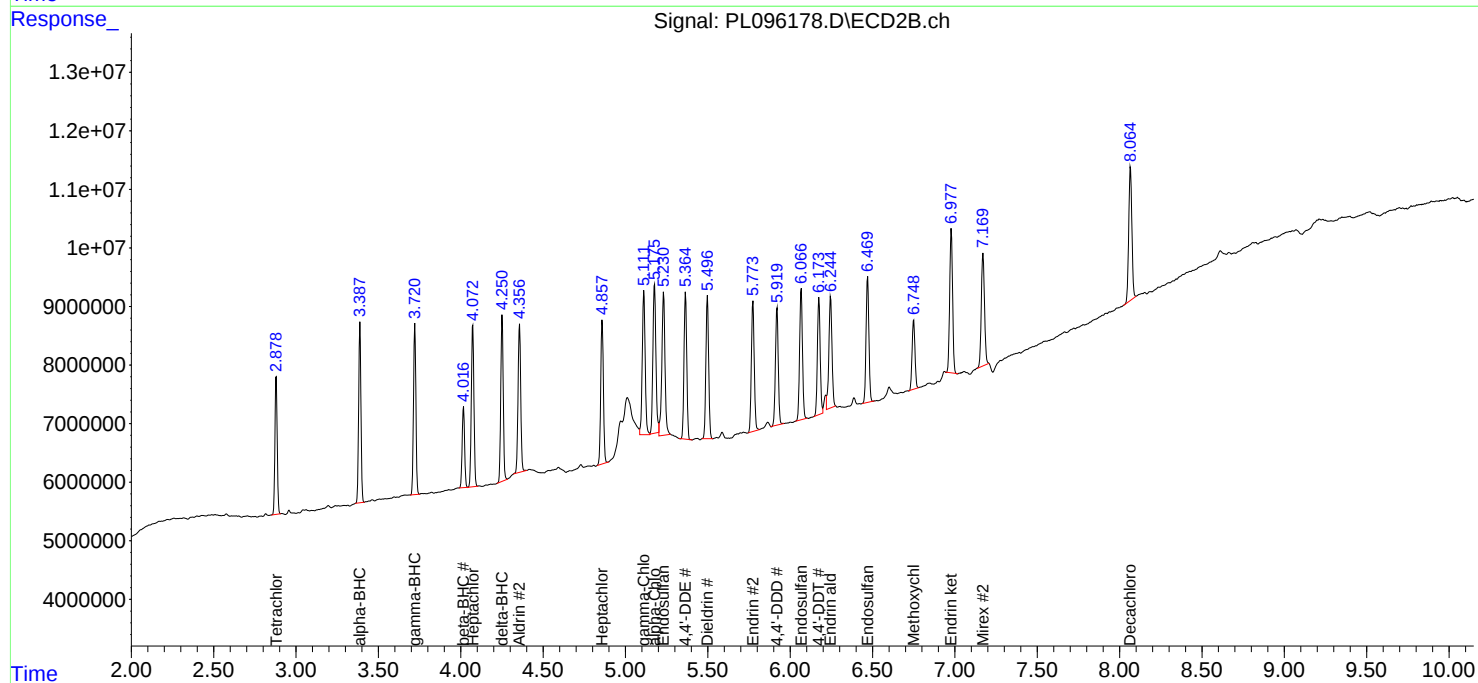
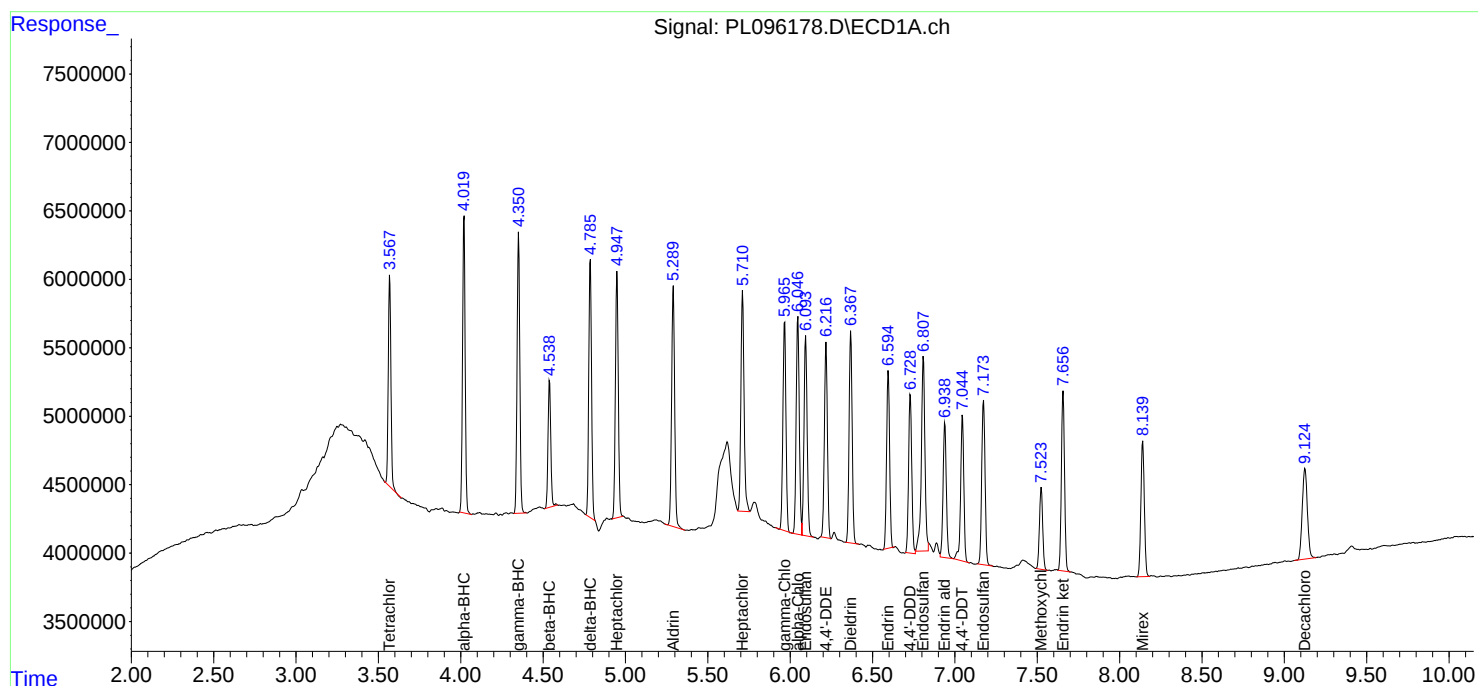
APPROVED

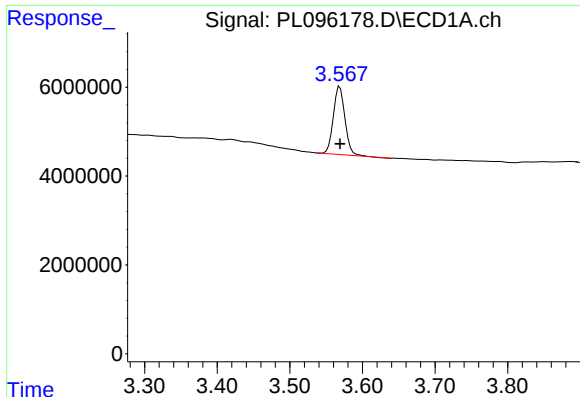
Reviewed By :Abdul Mirza 07/01/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 13:01:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
Quant Title : GC Extractables
QLast Update : Thu Jun 26 13:01:36 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





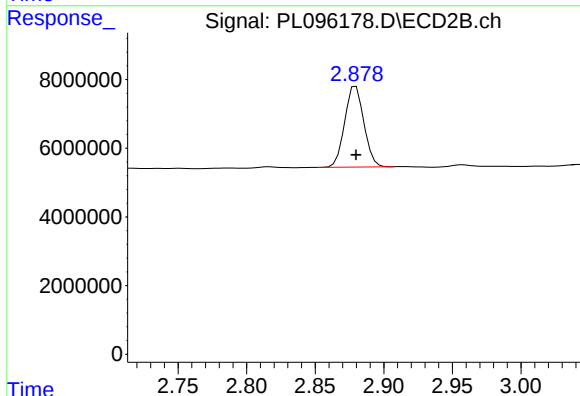
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 16833196
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

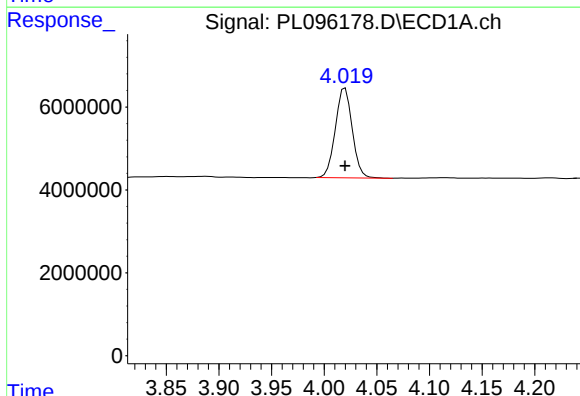
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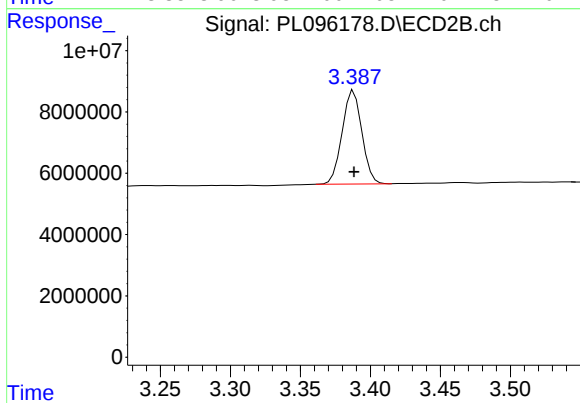
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 22942396
Conc: 5.08 ng/ml



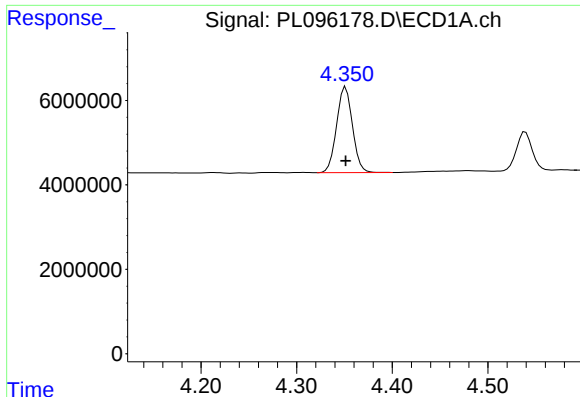
#2 alpha-BHC

R.T.: 4.020 min
Delta R.T.: 0.000 min
Response: 24185514
Conc: 4.88 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 29978598
Conc: 4.59 ng/ml



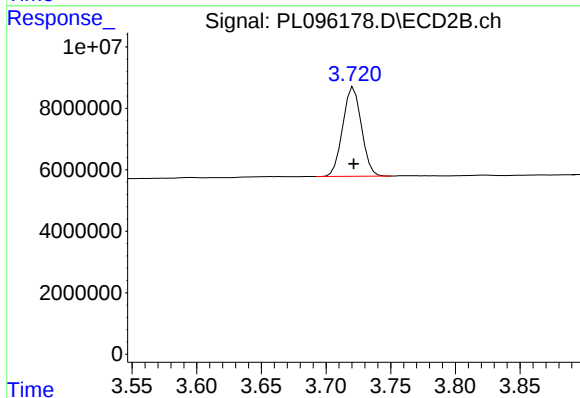
#3 gamma-BHC (Lindane)

R.T.: 4.351 min
Delta R.T.: 0.000 min
Response: 23405529
Conc: 5.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

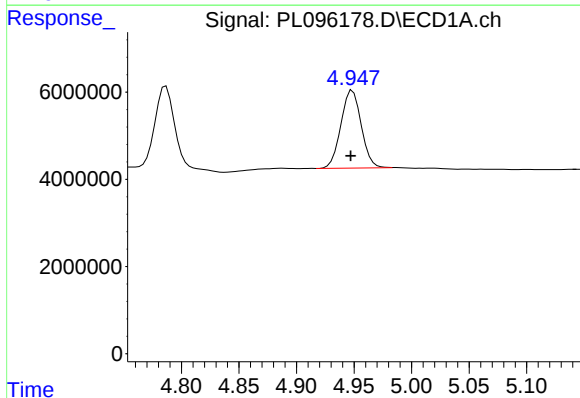
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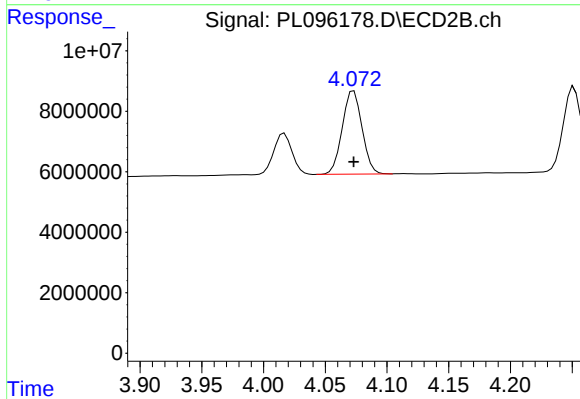
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 29240140
Conc: 4.72 ng/ml



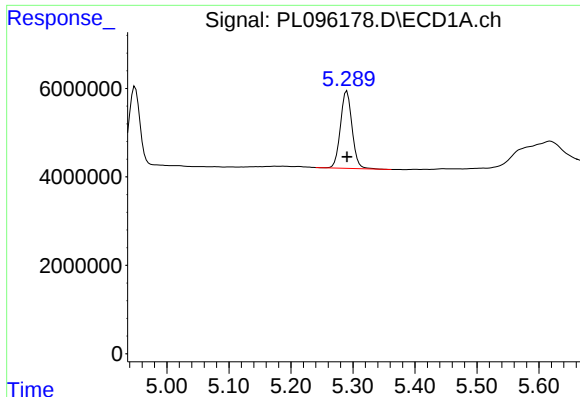
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 22029006
Conc: 5.19 ng/ml m



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 30680516
Conc: 4.92 ng/ml



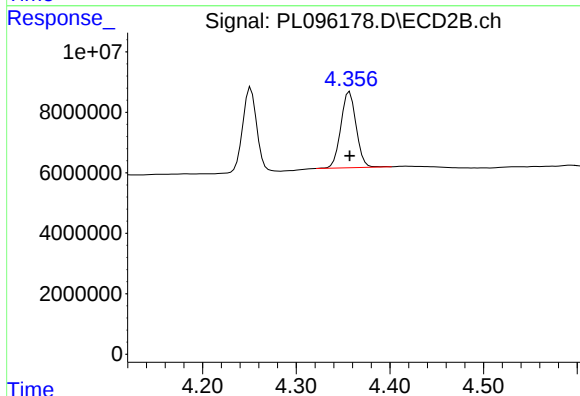
#5 Aldrin

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 22821300
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

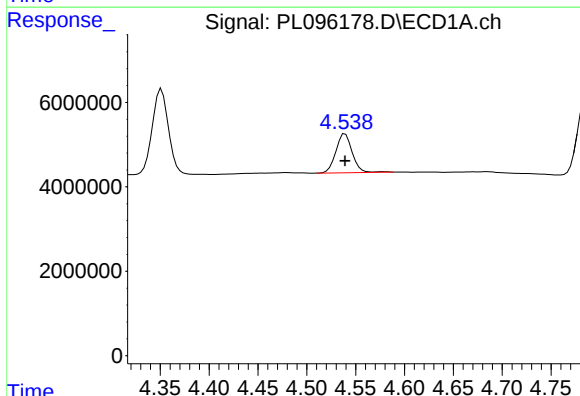
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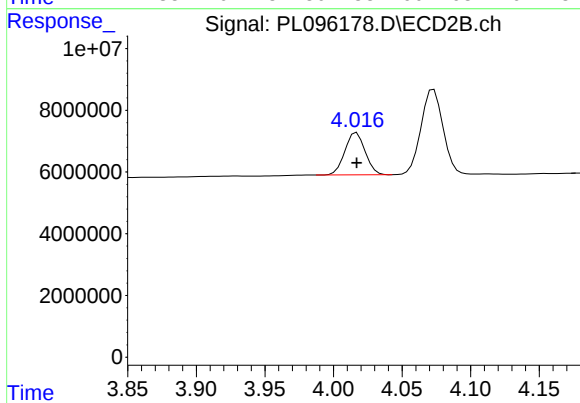
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 28534140
Conc: 4.83 ng/ml



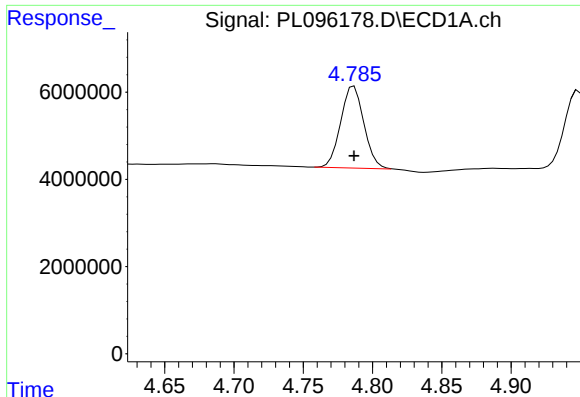
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 10670650
Conc: 5.39 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 14100153
Conc: 5.17 ng/ml



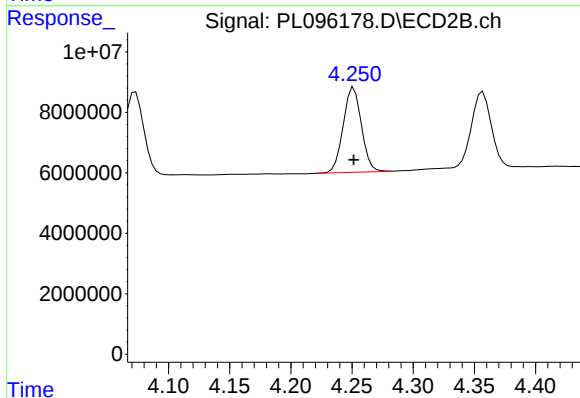
#7 delta-BHC

R.T.: 4.785 min
Delta R.T.: -0.001 min
Response: 21914745
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

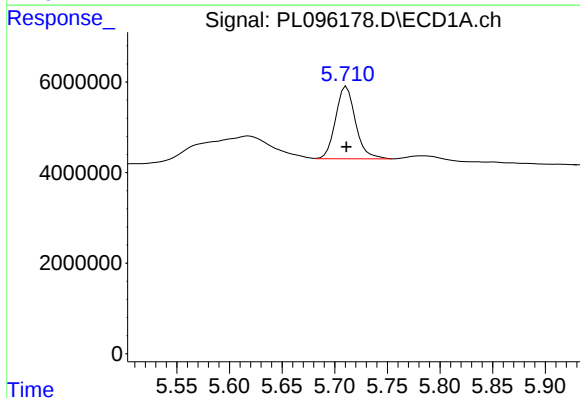
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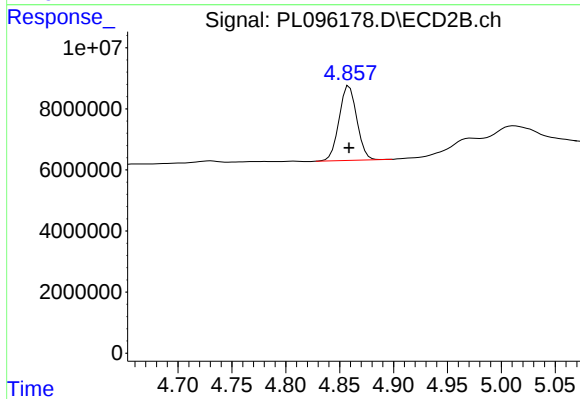
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 29122008
Conc: 4.70 ng/ml



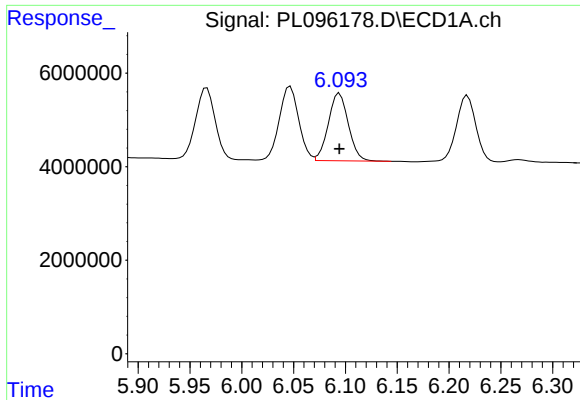
#8 Heptachlor epoxide

R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 21124039
Conc: 5.39 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 28099083
Conc: 5.09 ng/ml



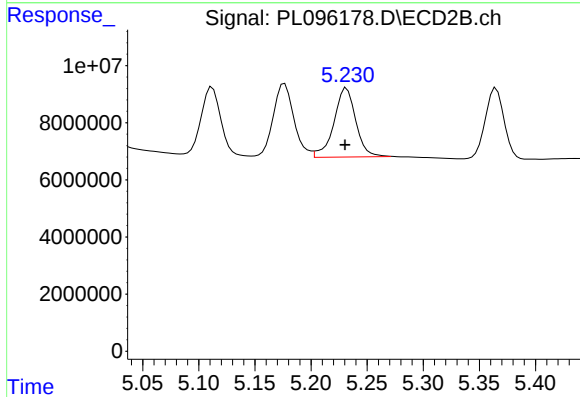
#9 Endosulfan I

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 19423522
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

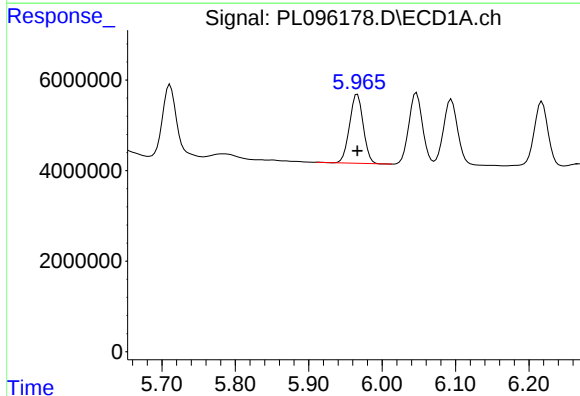
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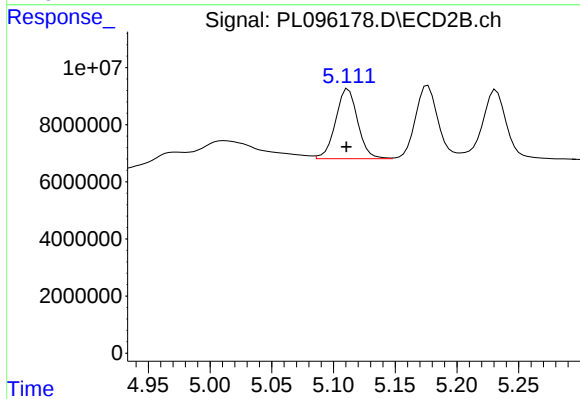
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 32667238
Conc: 5.74 ng/ml m



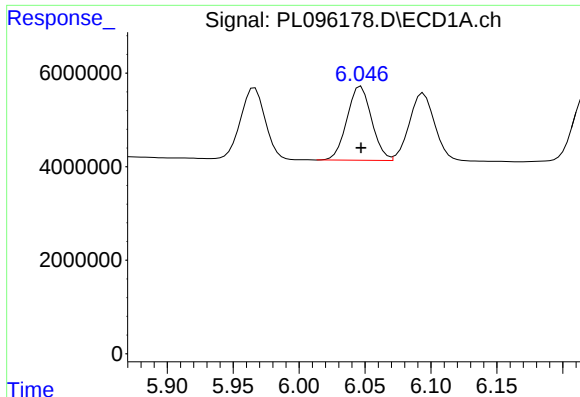
#10 gamma-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 19739547
Conc: 5.11 ng/ml



#10 gamma-Chlordane

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 30391064
Conc: 5.06 ng/ml m



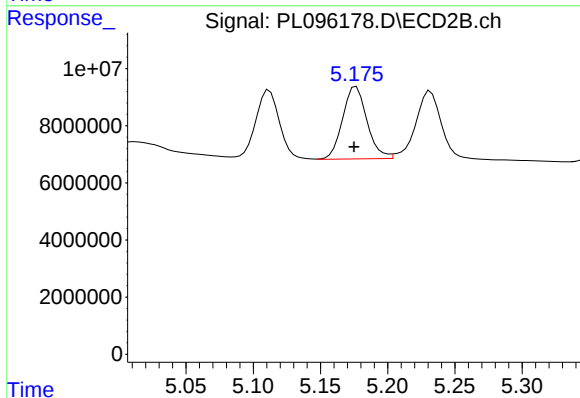
#11 alpha-Chlordane

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 20573044
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

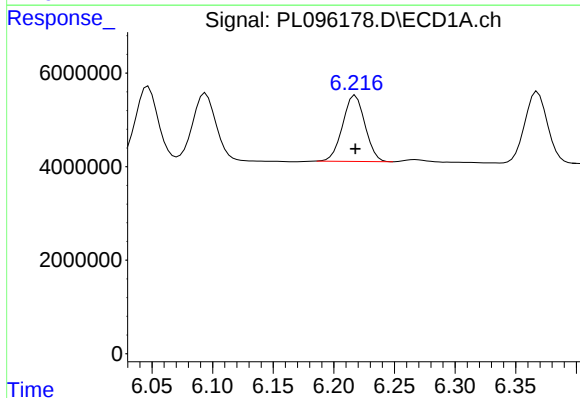
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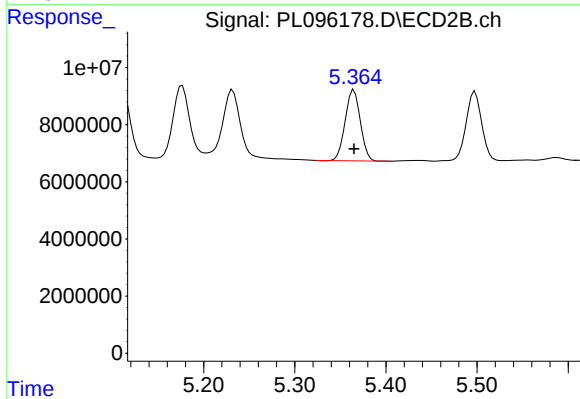
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 32344041
Conc: 5.33 ng/ml m



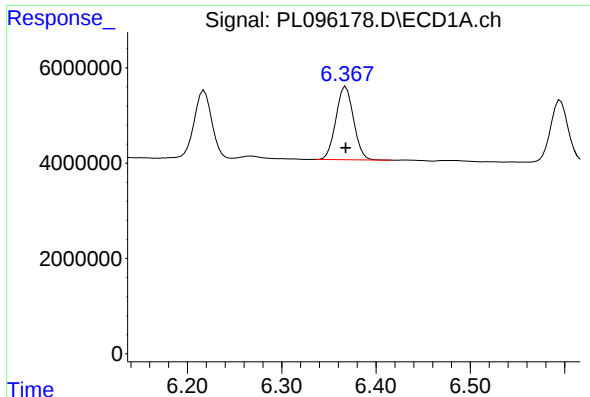
#12 4,4'-DDE

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 18121288
Conc: 5.04 ng/ml



#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 28747062
Conc: 4.92 ng/ml



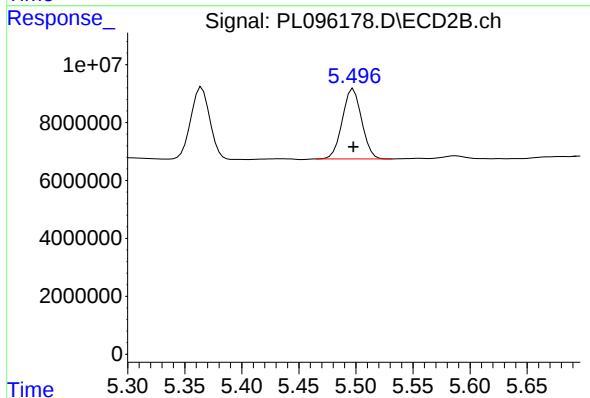
#13 Dieldrin

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 19976976
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

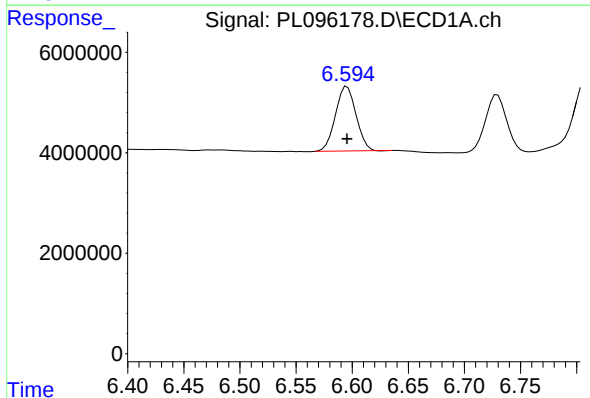
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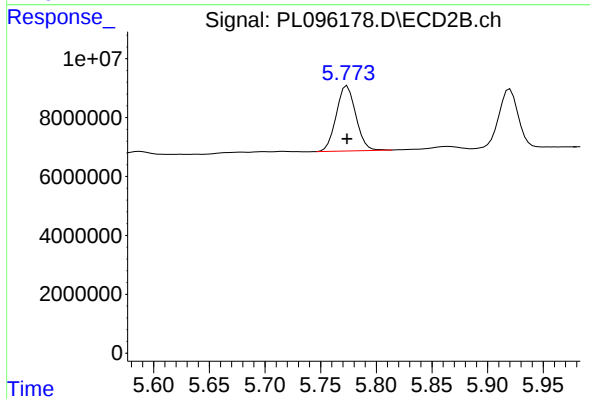
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 28626486
Conc: 4.91 ng/ml



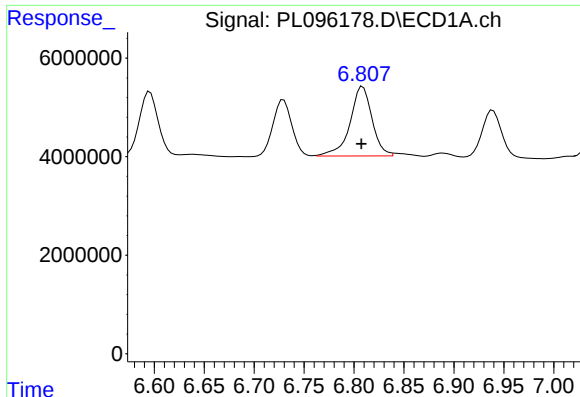
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.000 min
Response: 16440237
Conc: 5.17 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 27130603
Conc: 5.09 ng/ml



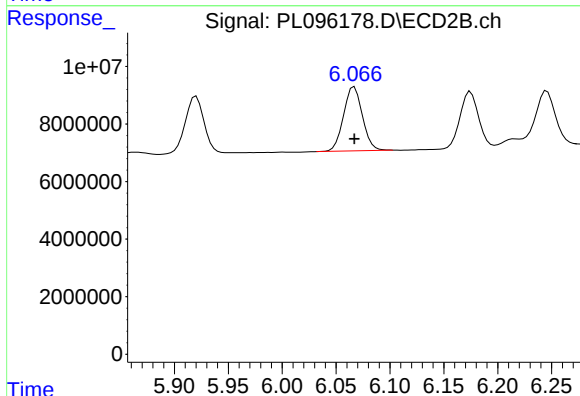
#15 Endosulfan II

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 21668433
Conc: 6.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

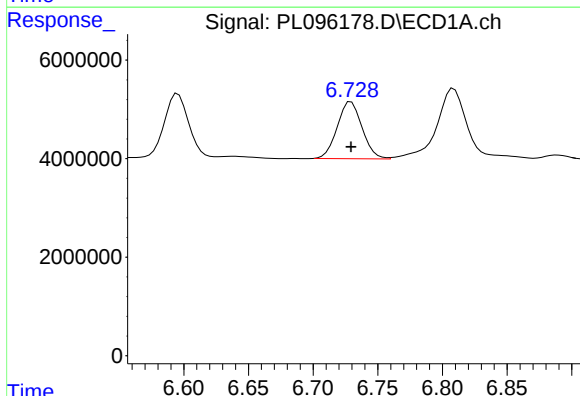
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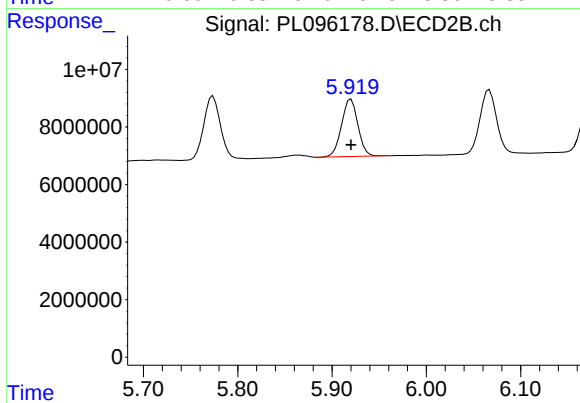
#15 Endosulfan II

R.T.: 6.066 min
Delta R.T.: -0.001 min
Response: 27199878
Conc: 5.15 ng/ml m



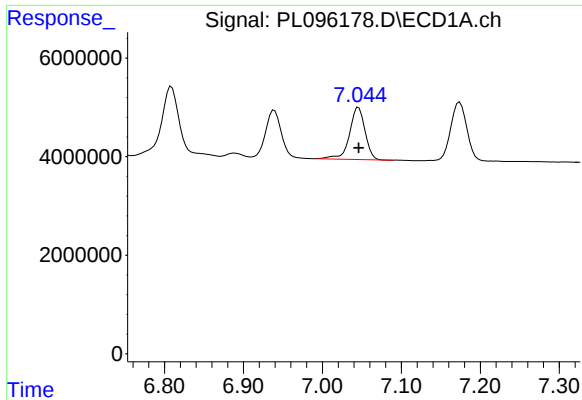
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 15453379
Conc: 5.23 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 24004357
Conc: 4.94 ng/ml



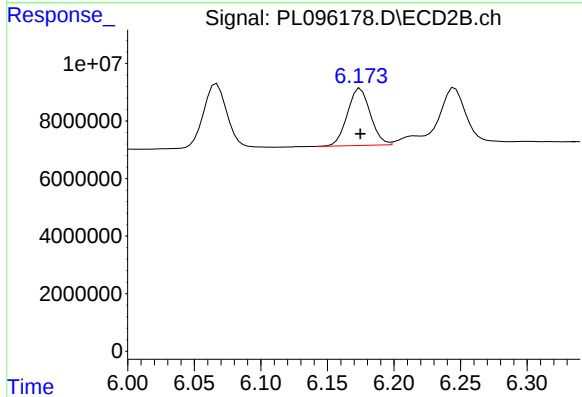
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 14472120
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

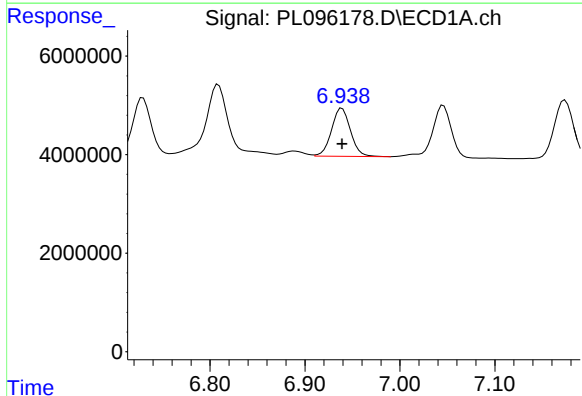
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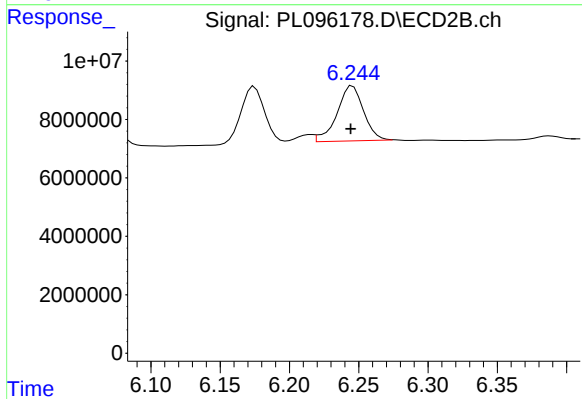
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 23727118
Conc: 4.62 ng/ml



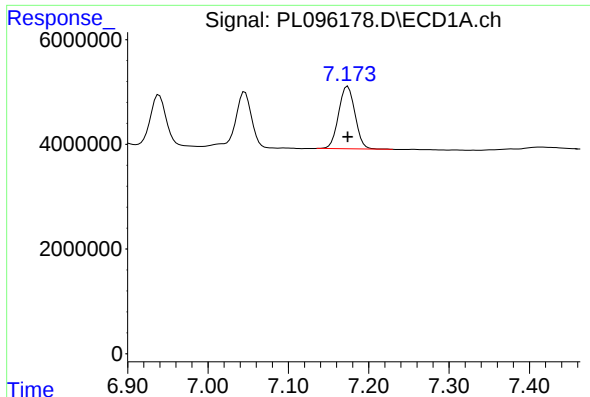
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 13562500
Conc: 5.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 24998808
Conc: 5.89 ng/ml m



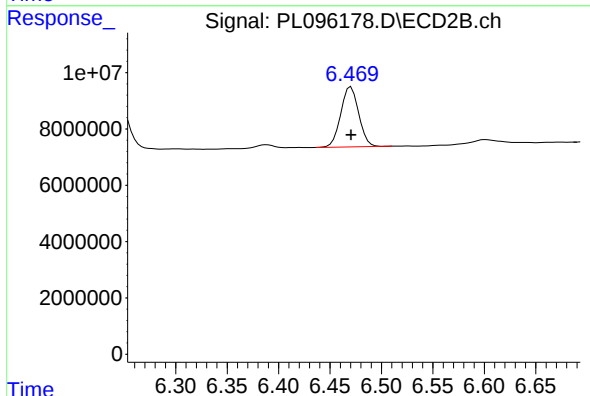
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 16943455
Conc: 5.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

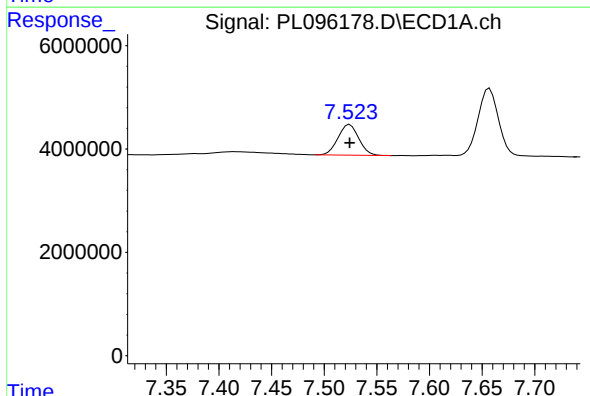
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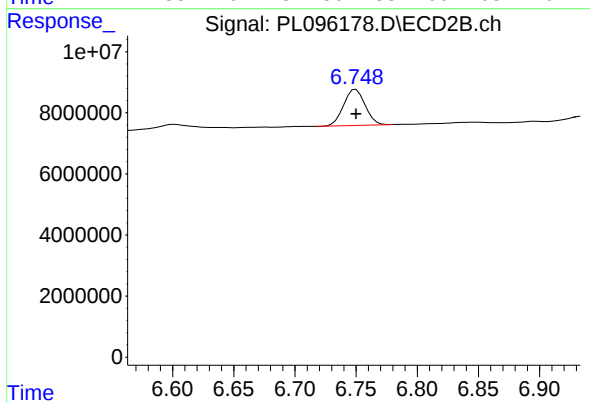
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 25944656
Conc: 5.13 ng/ml



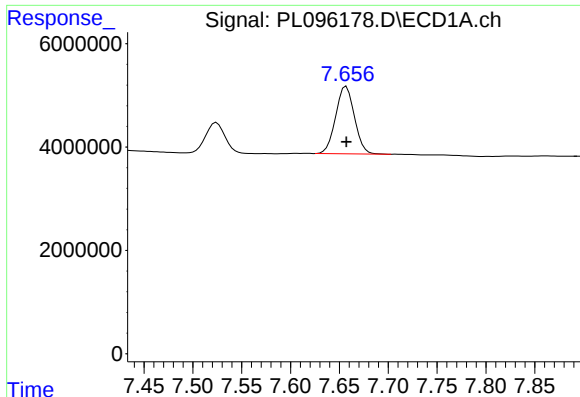
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 8176168
Conc: 5.42 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 14390324
Conc: 5.04 ng/ml



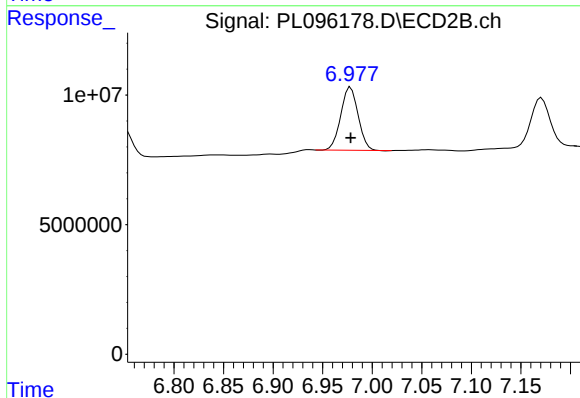
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 17482139
Conc: 5.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

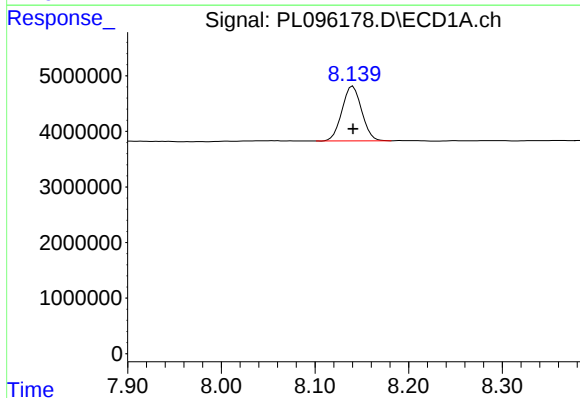
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



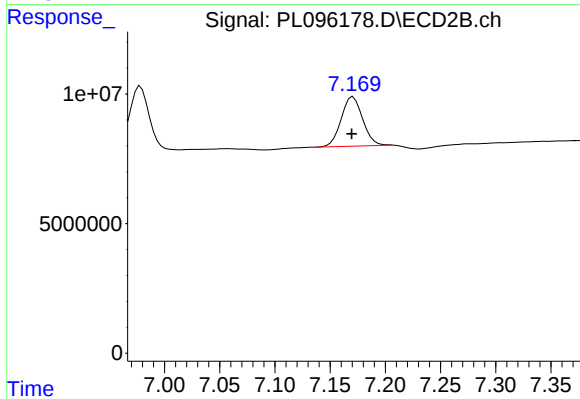
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 29619549
Conc: 5.07 ng/ml



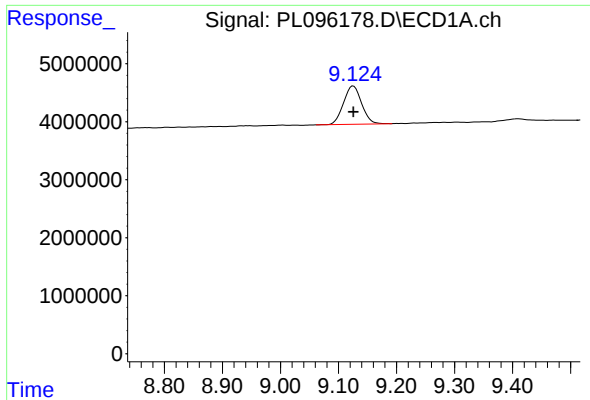
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 14404544
Conc: 5.78 ng/ml



#22 Mirex

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 25831503
Conc: 5.43 ng/ml m



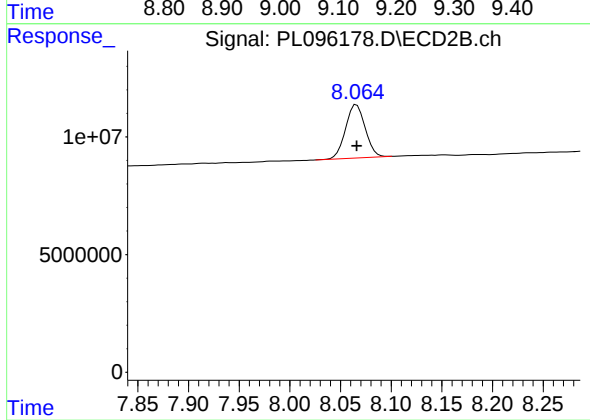
#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 14295414
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
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Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 30520011
Conc: 5.33 ng/ml