

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
 Data File : PL096710.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2025 16:15
 Operator : AR\AJ
 Sample : Q2763-01MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2025
 Supervised By :mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 01:53:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.532	2.827	5156367	9354656	1.621m	1.958
28) SA Decachlor...	9.009	7.989	4660918	9518706	1.955m	2.194
Target Compounds						
2) A alpha-BHC	3.980	3.332	21428108	35008705	4.632	4.947
3) MA gamma-BHC...	4.307	3.664	20766288	34068093	4.695m	5.159
4) MA Heptachlor	4.899	4.013	21201930	36012824	5.102m	5.406
5) MB Aldrin	5.239	4.295	22711211	32591527	5.280	5.251
6) B beta-BHC	4.495	3.959	8852930	19286049	4.905	6.837m#
7) B delta-BHC	4.739	4.193	19555642	33315798	4.901m	5.146
8) B Heptachlo...	5.658	4.797	27176547	30431611	7.047	5.328
9) A Endosulfan I	6.041	5.168	19692127	28365326	5.476	5.128
10) B gamma-Chl...	5.913	5.050	23055836	40931113	6.059	6.961
11) B alpha-Chl...	5.993	5.113	22187868	33062656	5.756	5.605
12) B 4,4'-DDE	6.163	5.301	23235705	36992558	7.236	6.708
13) MA Dieldrin	6.311	5.433	19648394	40378043	5.294m	6.836 #
14) MA Endrin	6.539	5.706	15425135	30293516	5.096	5.604m
15) B Endosulfa...	6.751	5.999	14555896	28269506	4.545	5.504
16) A 4,4'-DDD	6.671	5.854	96178690	177.9E6	38.040	37.800
17) MA 4,4'-DDT	6.984	6.106	13742773	32076276	4.792m	6.341 #
18) B Endrin al...	6.880	6.177	11740333	32301742	5.471	5.784
19) B Endosulfa...	7.113	6.401	14900113	31396945	5.185	6.173
20) A Methoxychlor	7.458	6.677	6795574	12417694	4.628	4.531m
21) B Endrin ke...	7.592	6.904	17171046	26114547	5.711	4.689
22) Mirex	8.072	7.093	13015061	21598689	5.249	4.953m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080525\
Data File : PL096710.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2025 16:15
Operator : AR\AJ
Sample : Q2763-01MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

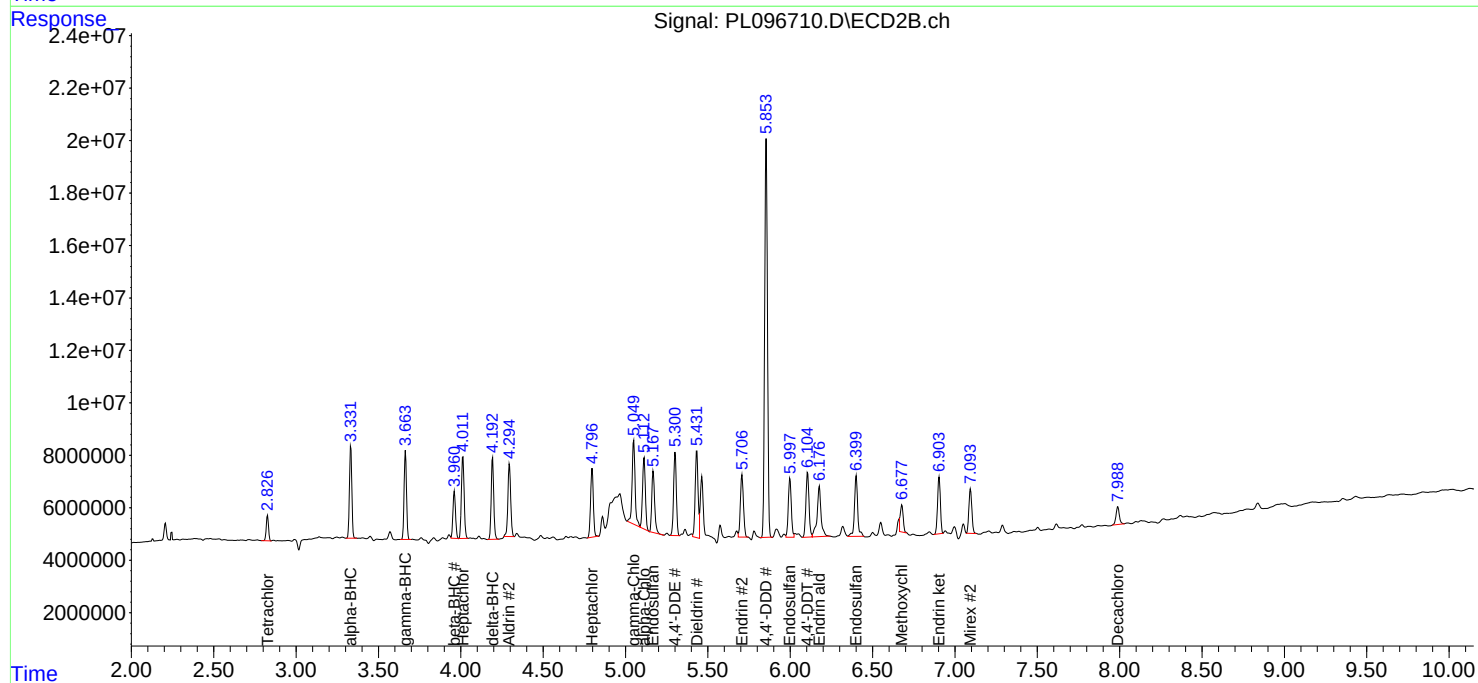
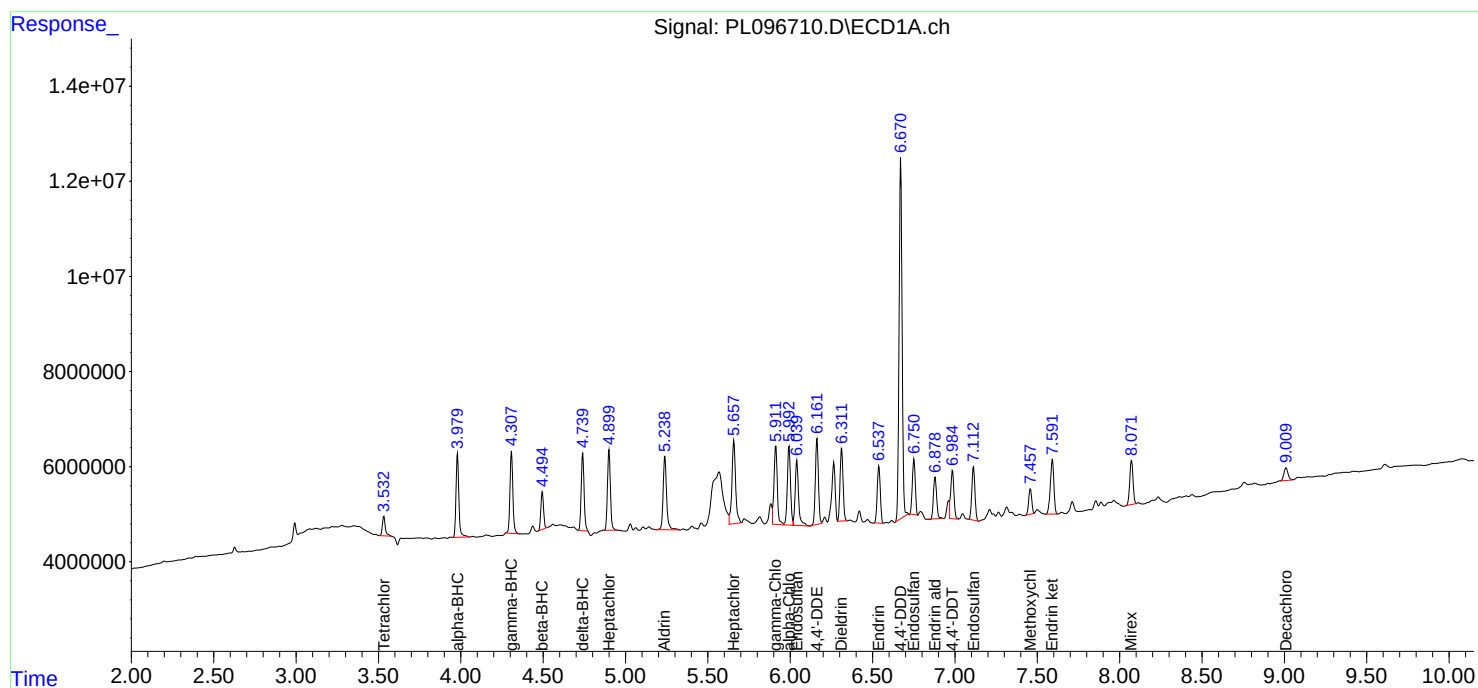
Instrument :
ECD_L
ClientSampleId :
TP-2MSD

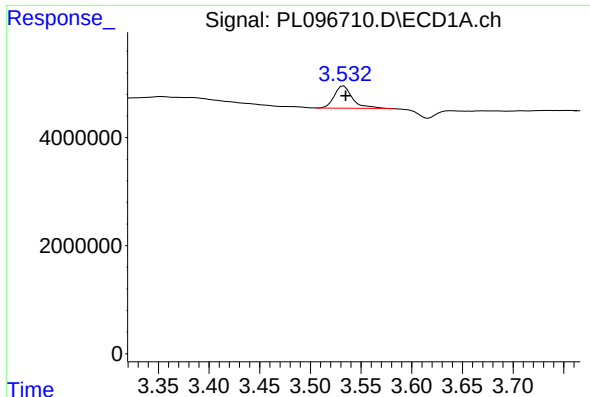
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 08/06/2025
Supervised By : mohammad ahmed 08/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 01:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





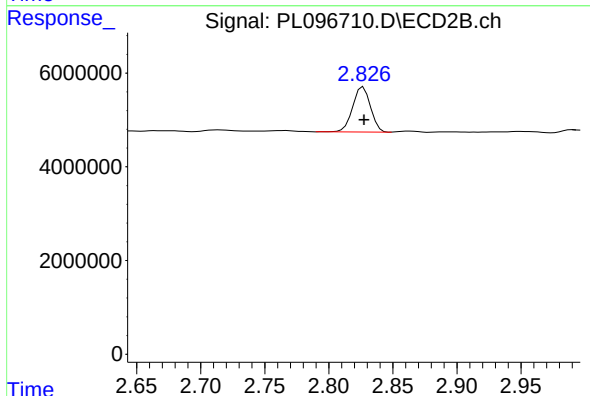
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 5156367
Conc: 1.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

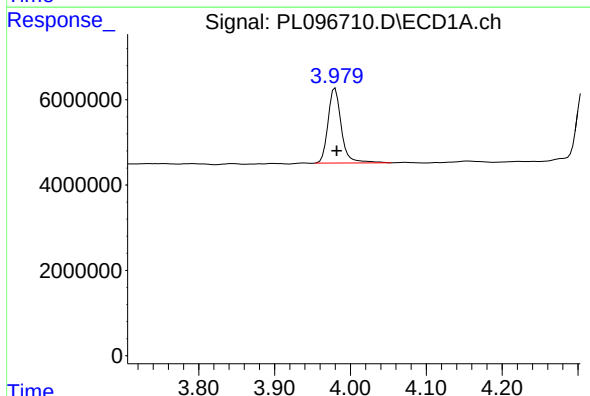
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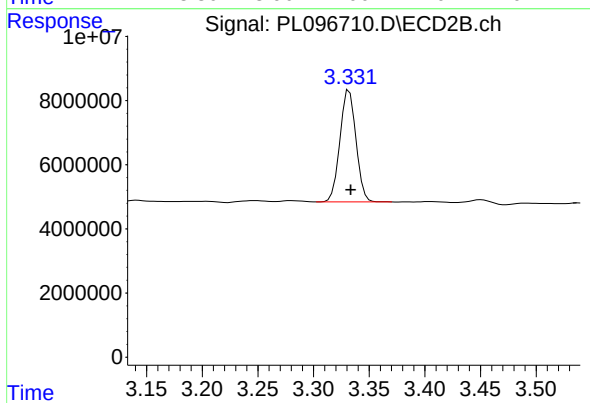
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 9354656
Conc: 1.96 ng/ml



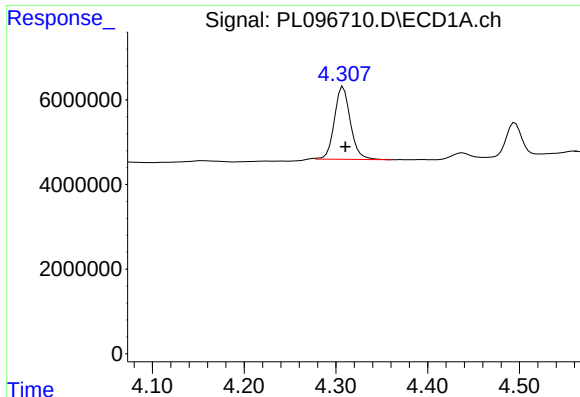
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 21428108
Conc: 4.63 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 35008705
Conc: 4.95 ng/ml



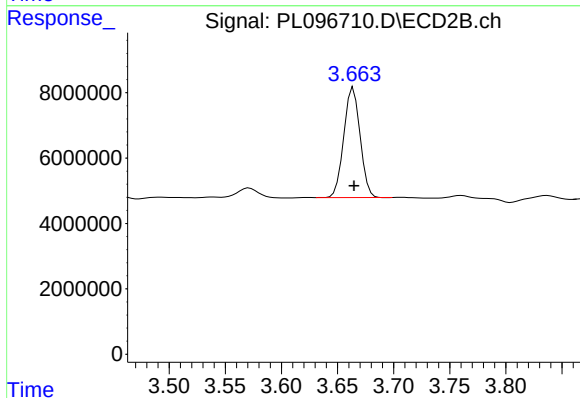
#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.004 min
Response: 20766288
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

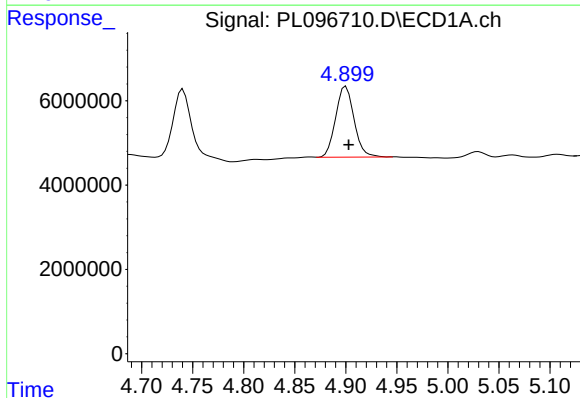
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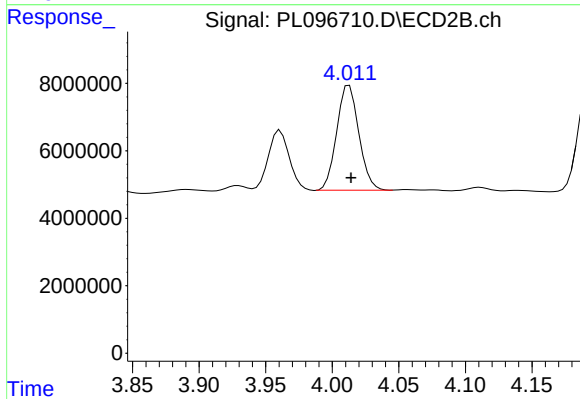
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 34068093
Conc: 5.16 ng/ml



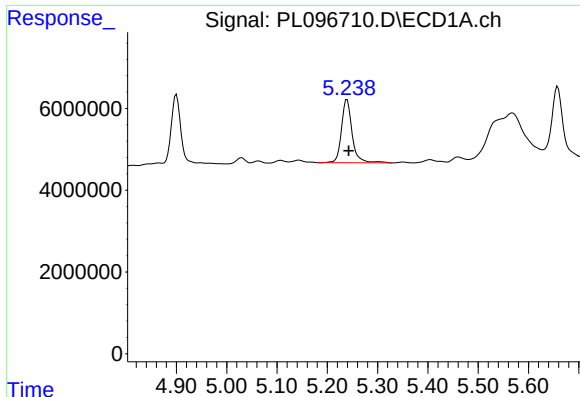
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 21201930
Conc: 5.10 ng/ml m



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 36012824
Conc: 5.41 ng/ml



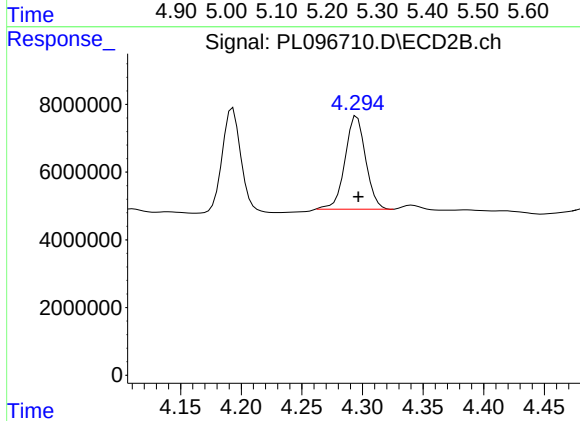
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.003 min
Response: 22711211
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

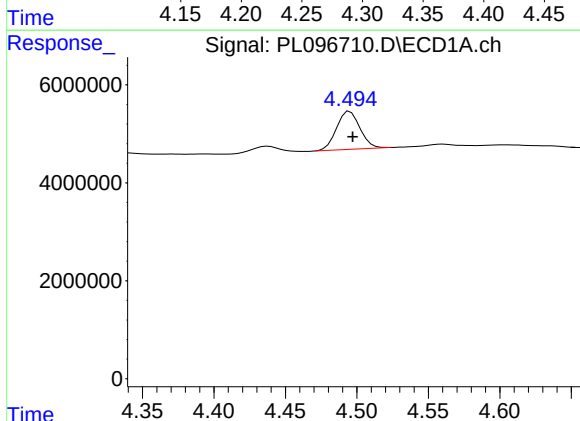
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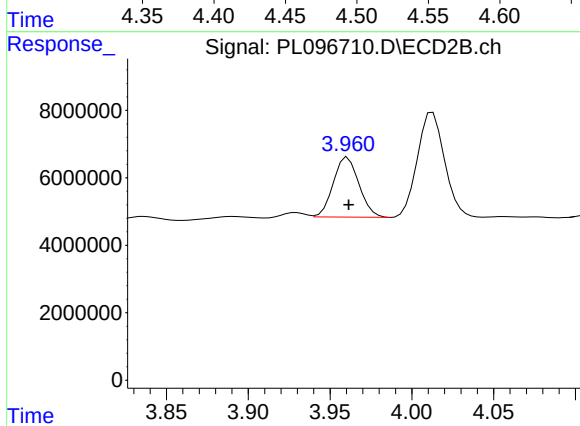
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 32591527
Conc: 5.25 ng/ml



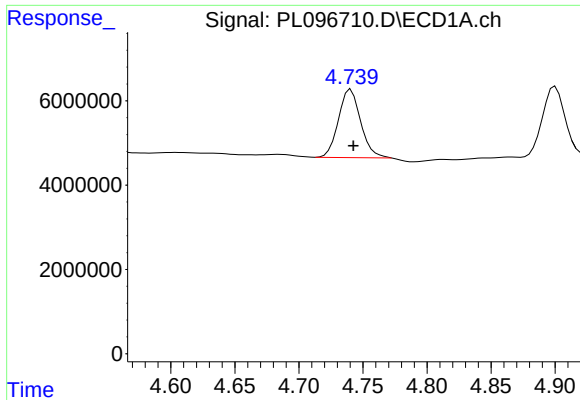
#6 beta-BHC

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 8852930
Conc: 4.90 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 19286049
Conc: 6.84 ng/ml m



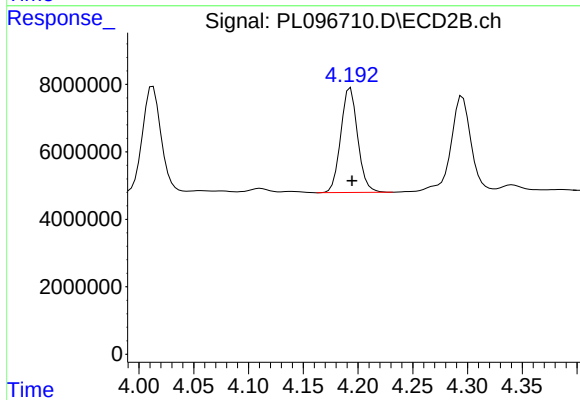
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.003 min
Response: 19555642
Conc: 4.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

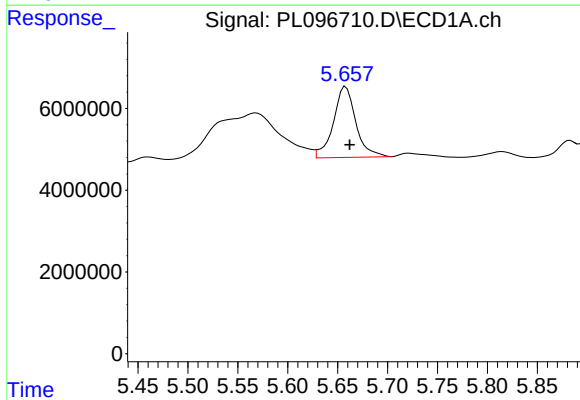
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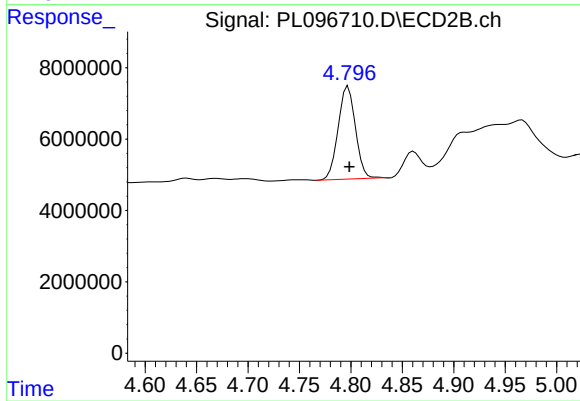
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 33315798
Conc: 5.15 ng/ml



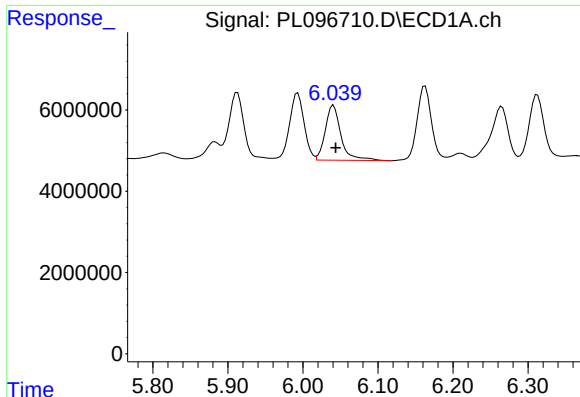
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 27176547
Conc: 7.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 30431611
Conc: 5.33 ng/ml



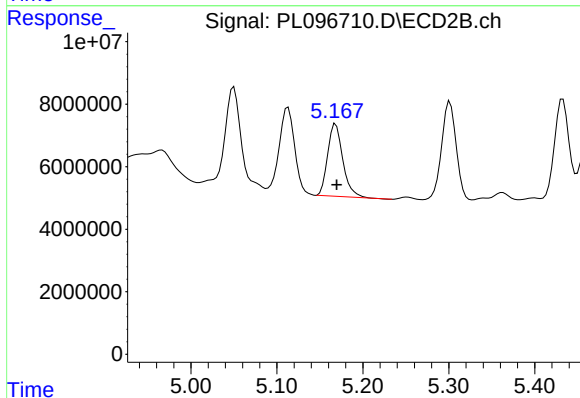
#9 Endosulfan I

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 19692127
Conc: 5.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

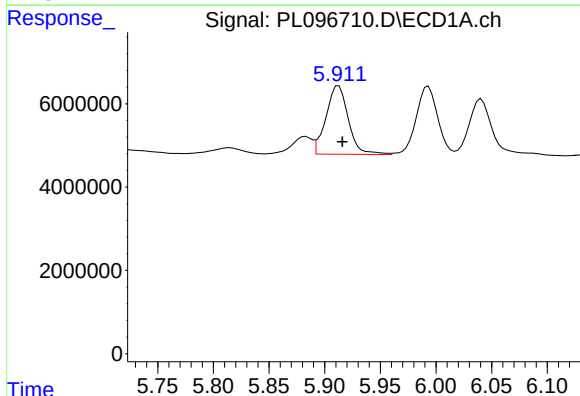
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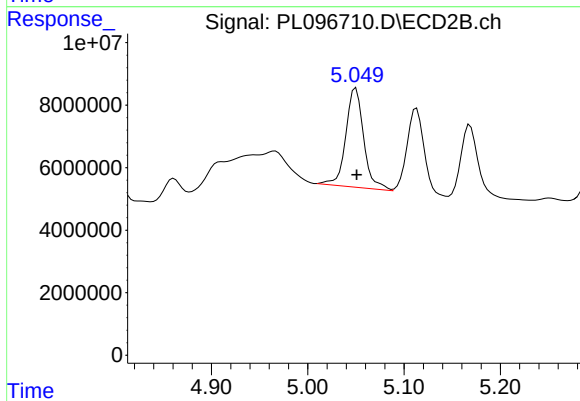
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.001 min
Response: 28365326
Conc: 5.13 ng/ml



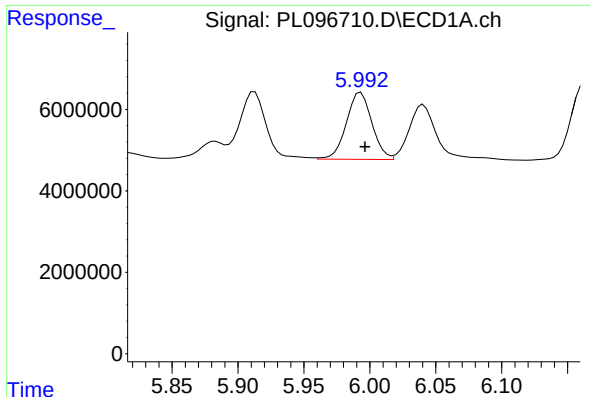
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.003 min
Response: 23055836
Conc: 6.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 40931113
Conc: 6.96 ng/ml



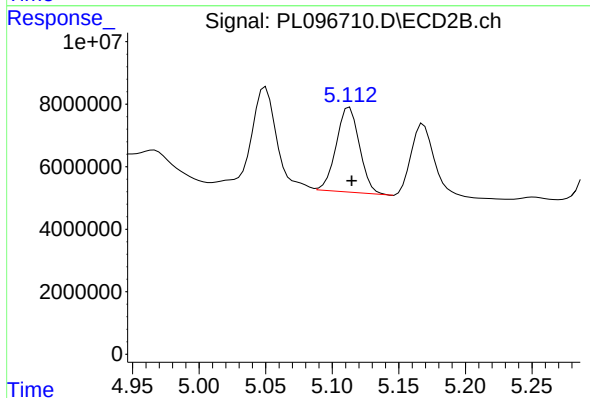
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 22187868
Conc: 5.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

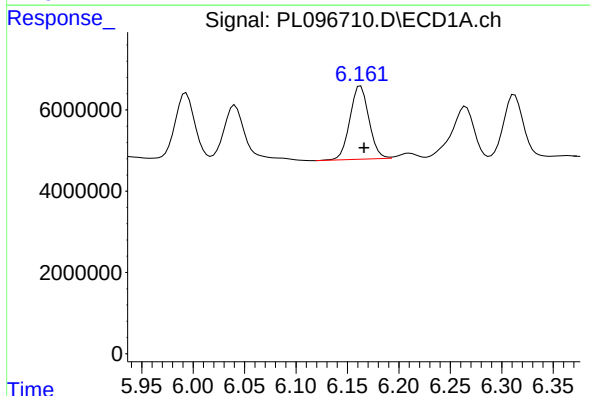
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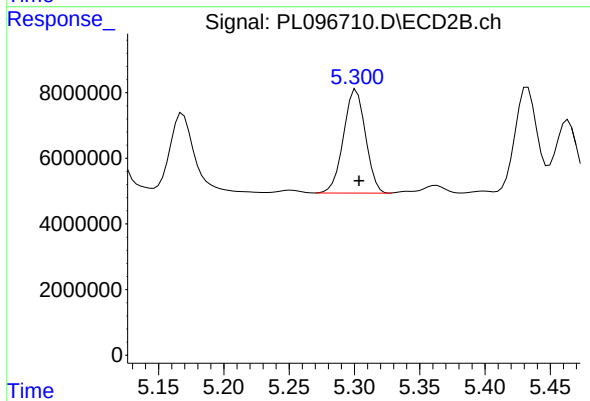
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 33062656
Conc: 5.60 ng/ml



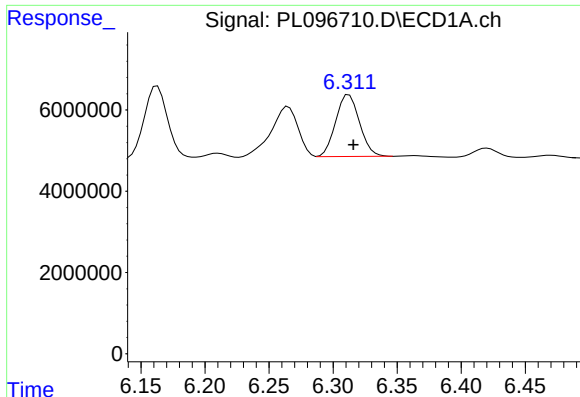
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 23235705
Conc: 7.24 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.002 min
Response: 36992558
Conc: 6.71 ng/ml



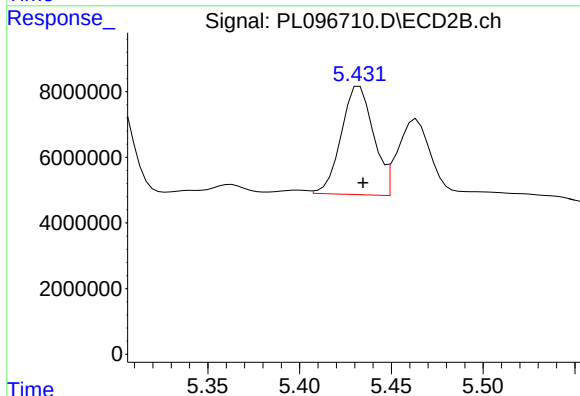
#13 Dieldrin

R.T.: 6.311 min
Delta R.T.: -0.005 min
Response: 19648394
Conc: 5.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

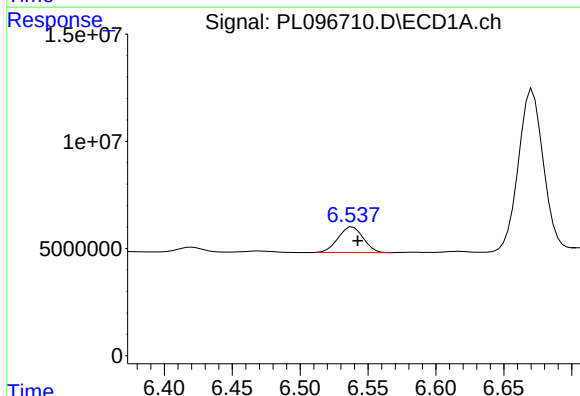
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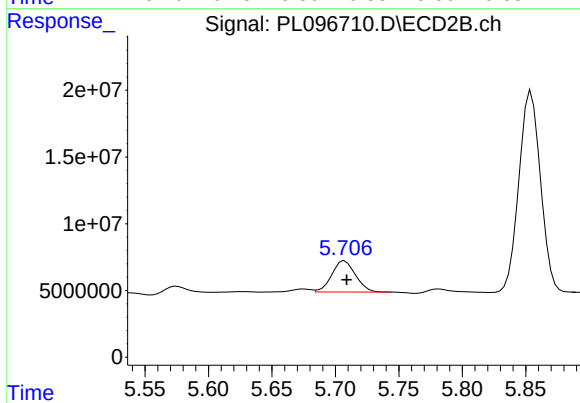
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 40378043
Conc: 6.84 ng/ml



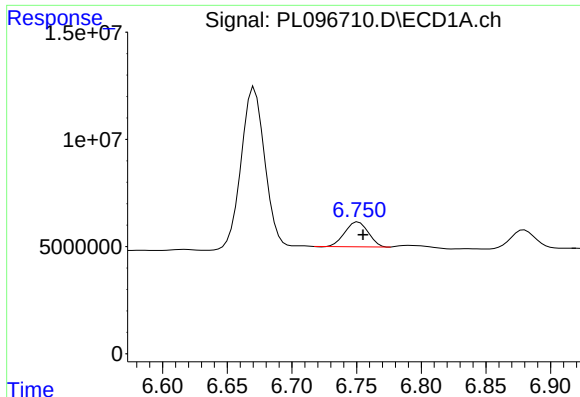
#14 Endrin

R.T.: 6.539 min
Delta R.T.: -0.004 min
Response: 15425135
Conc: 5.10 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 30293516
Conc: 5.60 ng/ml m



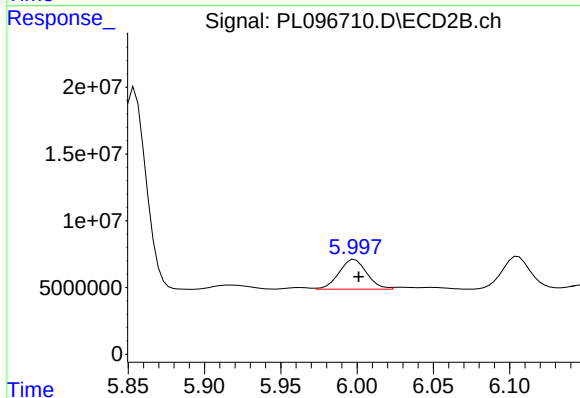
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 14555896
Conc: 4.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

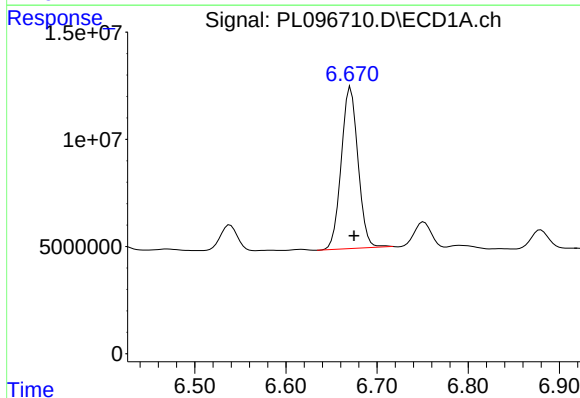
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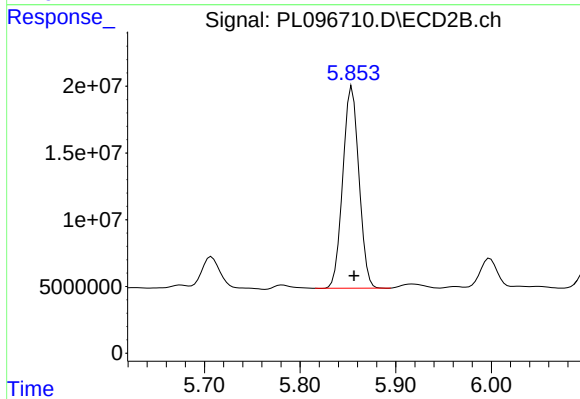
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.003 min
Response: 28269506
Conc: 5.50 ng/ml



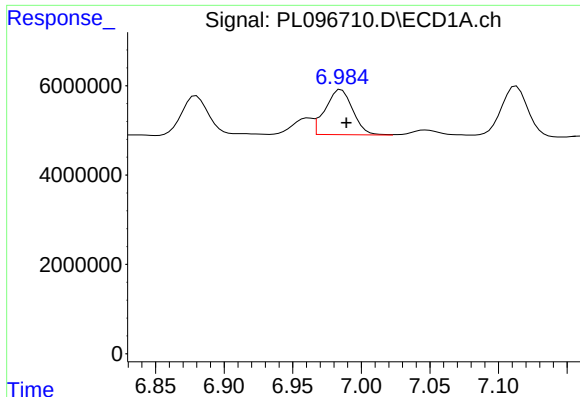
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 96178690
Conc: 38.04 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 177860649
Conc: 37.80 ng/ml



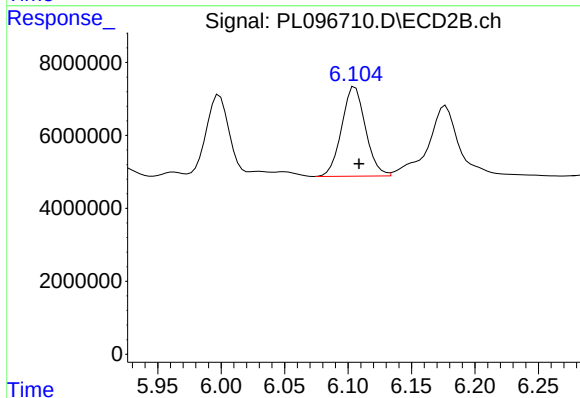
#17 4,4'-DDT

R.T.: 6.984 min
Delta R.T.: -0.005 min
Response: 13742773
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

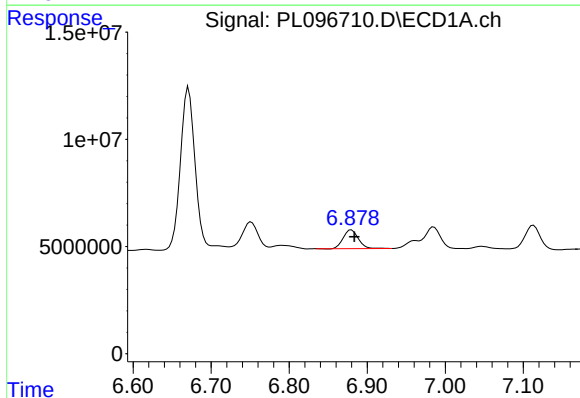
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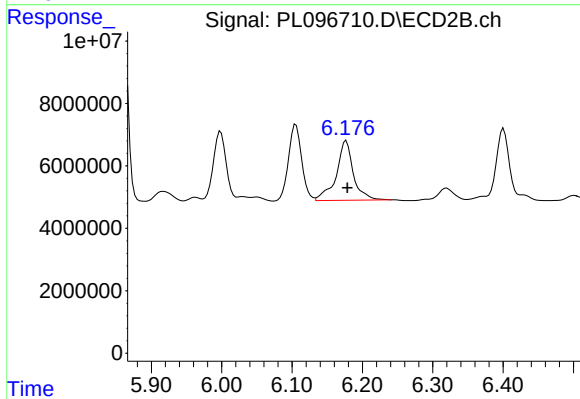
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 32076276
Conc: 6.34 ng/ml



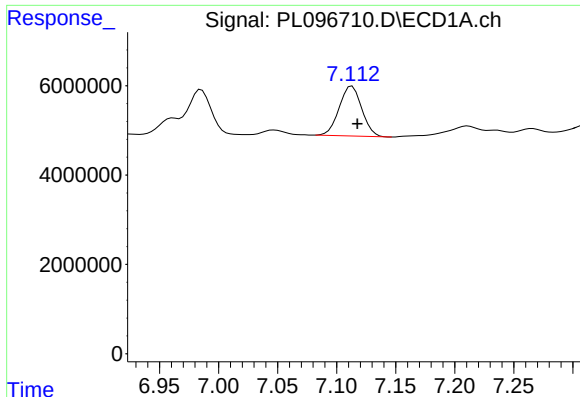
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 11740333
Conc: 5.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 32301742
Conc: 5.78 ng/ml



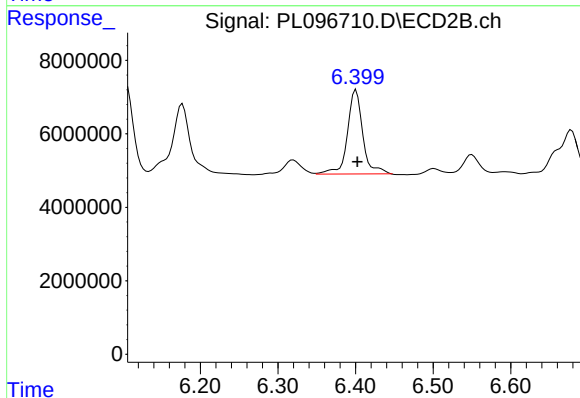
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 14900113
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

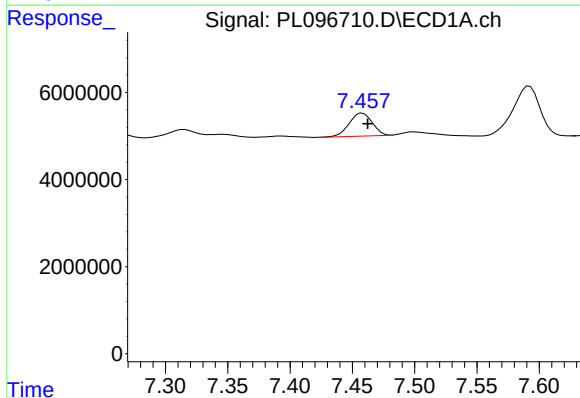
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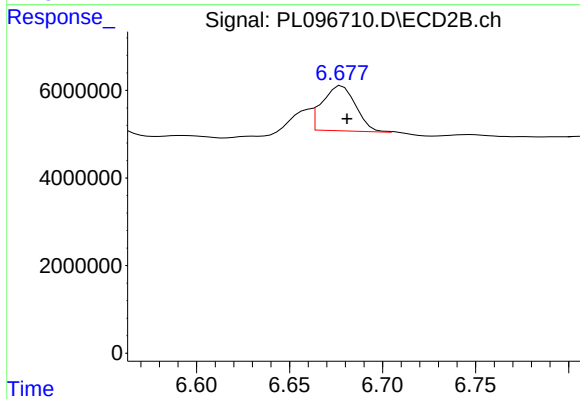
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 31396945
Conc: 6.17 ng/ml



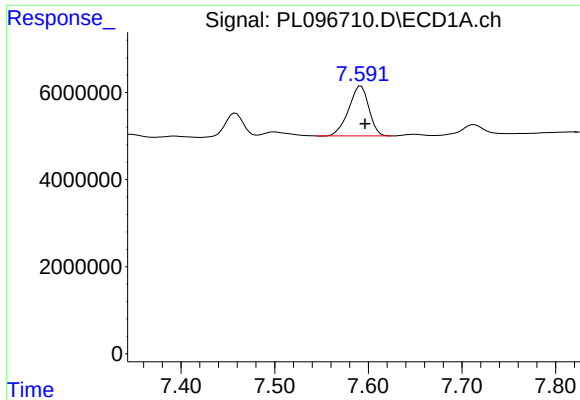
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 6795574
Conc: 4.63 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 12417694
Conc: 4.53 ng/ml m



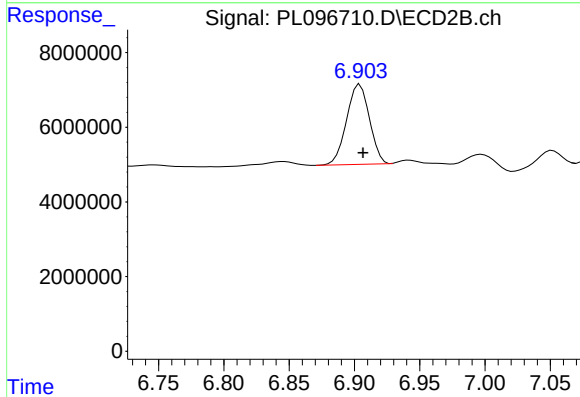
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: -0.005 min
Response: 17171046
Conc: 5.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

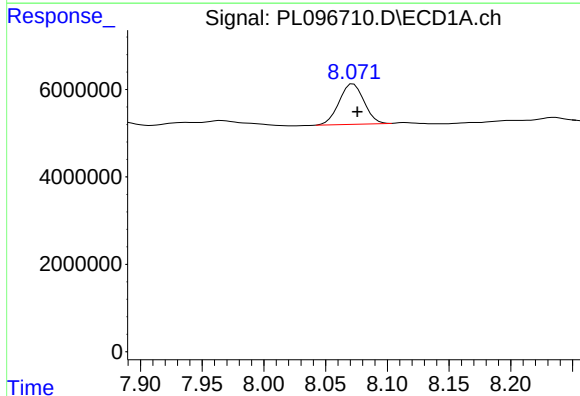
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Supervised By :mohammad ahmed 08/07/2025



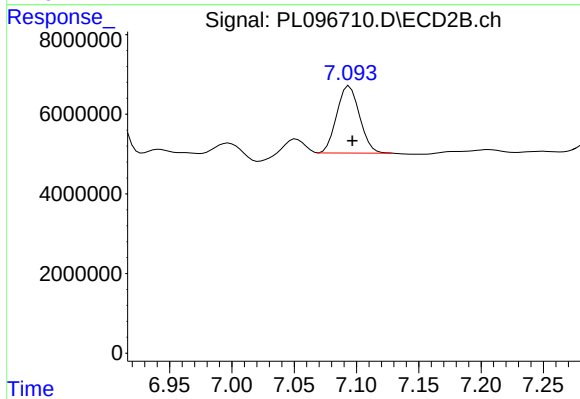
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.002 min
Response: 26114547
Conc: 4.69 ng/ml



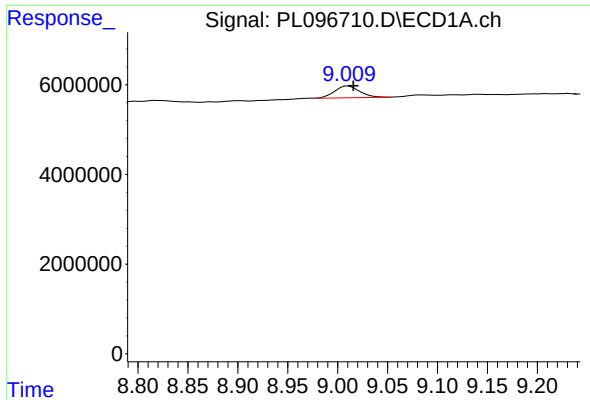
#22 Mirex

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 13015061
Conc: 5.25 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 21598689
Conc: 4.95 ng/ml m



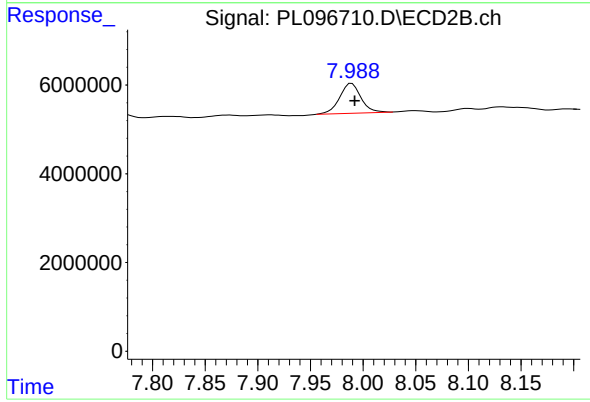
#28 Decachlorobiphenyl

R.T.: 9.009 min
Delta R.T.: -0.007 min
Response: 4660918
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2025
Supervised By :mohammad ahmed 08/07/2025



#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 9518706
Conc: 2.19 ng/ml