

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 13:26
 Operator : AR\AJ
 Sample : Q2622-01MS 10XRE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 2819MSRE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:24:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.535	2.827	3112977	7728308	0.853m	1.339m#
2) SA Decachlor...	9.016	7.990	5362639	9542234	1.906m	1.914m
Target Compounds						
2) A alpha-BHC	3.983	3.334	13138558	21237398	2.555	2.518
3) MA gamma-BHC...	4.310	3.666	14625119	22381856	2.937m	2.842
4) MA Heptachlor	4.903	4.014	16766377	20500683	3.660m	2.695 #
5) MB Aldrin	5.244	4.297	13929002	20074832	2.882	2.752
6) B beta-BHC	4.499	3.960	7051909	9942135	3.392	2.904m
7) B delta-BHC	4.745	4.194	19772770	19652187	4.412	2.552 #
8) B Heptachlo...	5.662	4.799	15867051	19131559	3.824m	2.862 #
9) A Endosulfan I	6.045	5.171	17556330	17244351	4.349	2.404 #
10) B gamma-Chl...	5.918	5.051	16156105	19675022	3.651	2.803
11) B alpha-Chl...	5.998	5.115	16447053	19734245	3.756	2.624 #
12) B 4,4'-DDE	6.166	5.302	12912124	18288094	3.483m	2.829m
13) MA Dieldrin	6.317	5.433	14372727	24644316	3.399	3.614m
14) MA Endrin	6.544	5.709	13516343	21372079	4.346	3.506
15) B Endosulfa...	6.755	6.001	14927202	21026951	4.302m	3.586
16) A 4,4'-DDD	6.676	5.855	13187571	18024060	4.529	3.514m
17) MA 4,4'-DDT	6.990	6.108	12723274	17239731	4.192	3.006 #
18) B Endrin al...	6.884	6.179	10641911	23426340	4.760m	5.259
19) B Endosulfa...	7.118	6.402	13043100	22039155	4.264	3.918
20) A Methoxychlor	7.462	6.681	8125569	10253822	5.158m	3.375 #
21) B Endrin ke...	7.596	6.905	14312274	26922538	4.335m	4.306m
22) Mirex	8.077	7.096	14971663	21711548	5.381	4.370m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 13:26
Operator : AR\AJ
Sample : Q2622-01MS 10XRE
Misc :
ALS Vial : 19 Sample Multiplier: 1

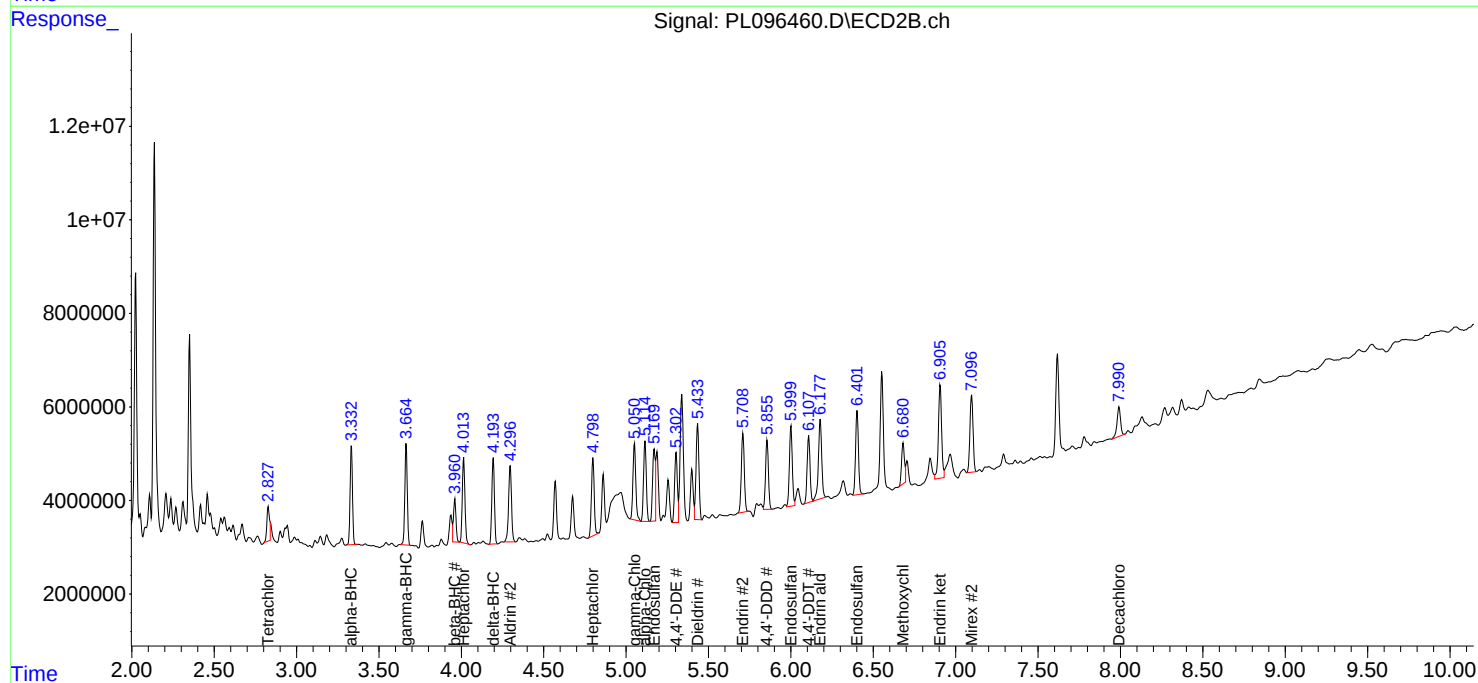
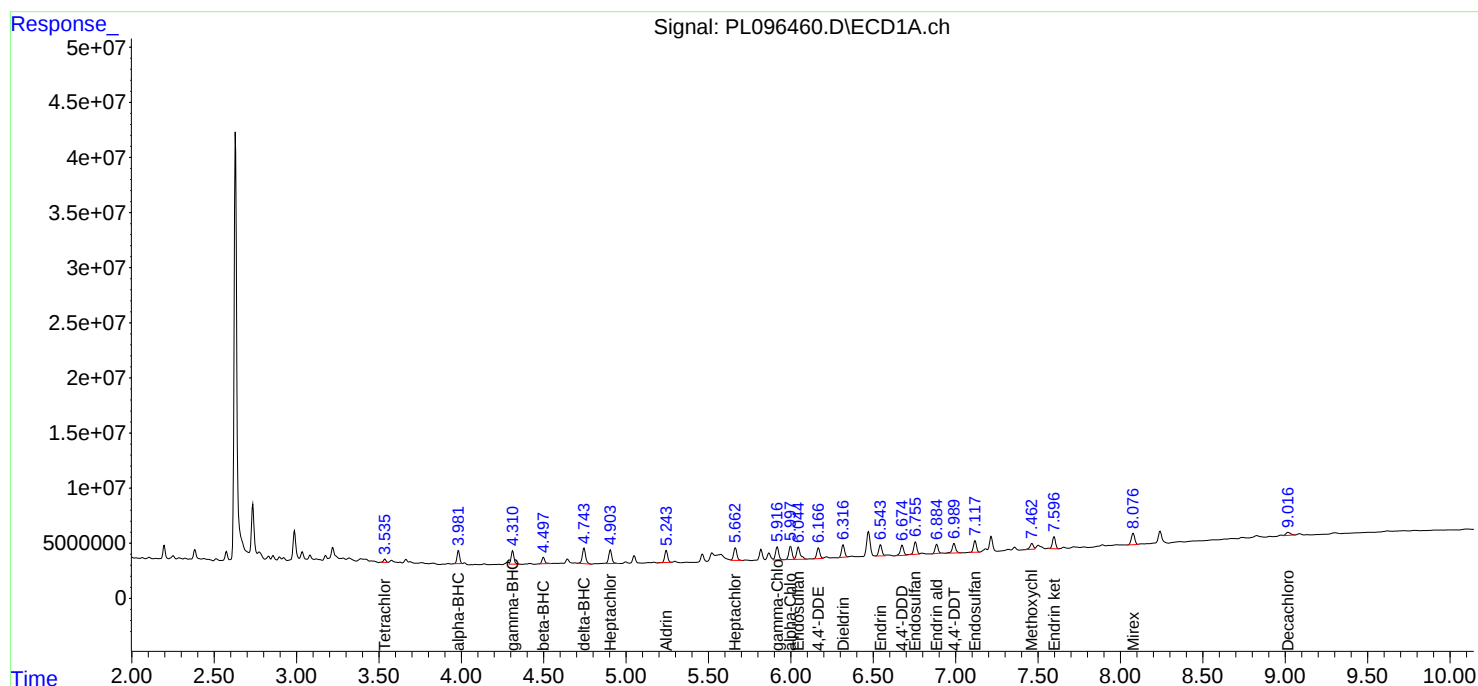
Instrument :
ECD_L
ClientSampleId :
2819MSRE

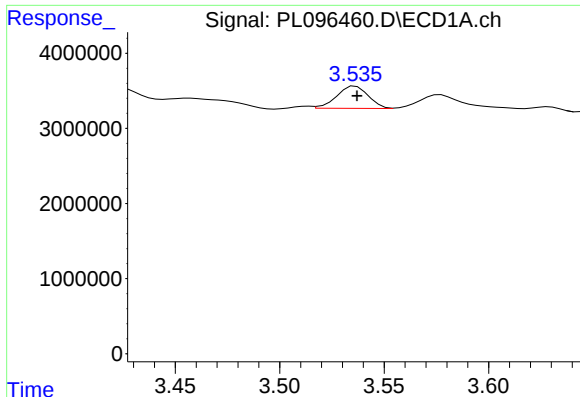
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:24:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 2025
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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





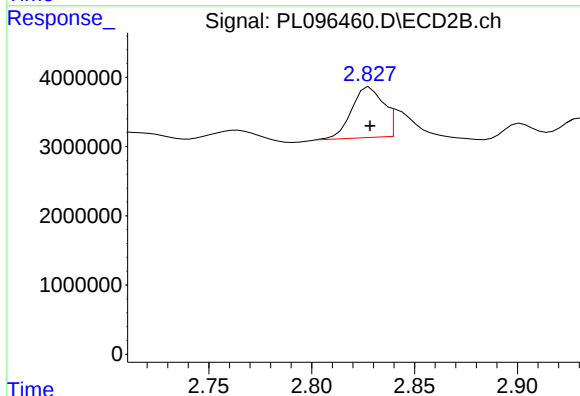
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 3112977
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

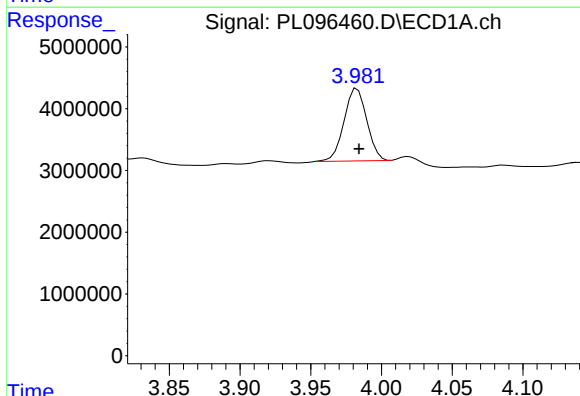
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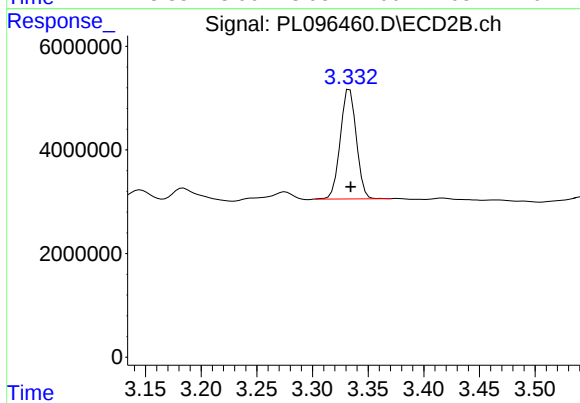
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 7728308
Conc: 1.34 ng/ml m



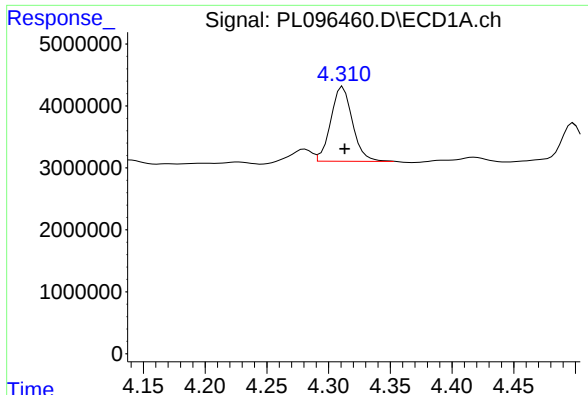
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 13138558
Conc: 2.55 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 21237398
Conc: 2.52 ng/ml



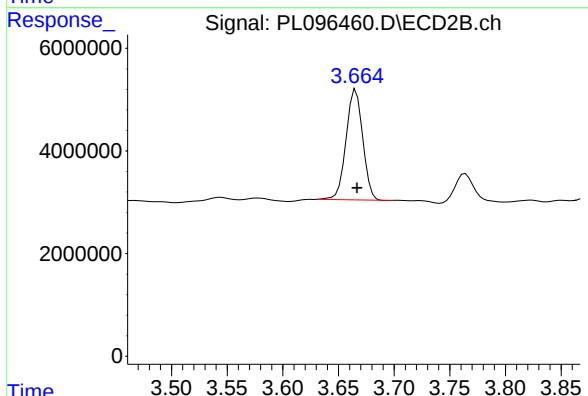
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 14625119
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

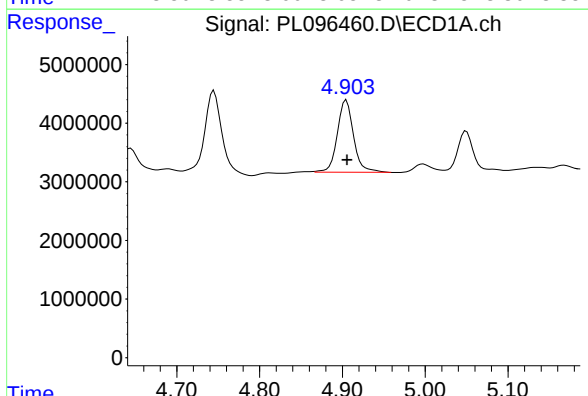
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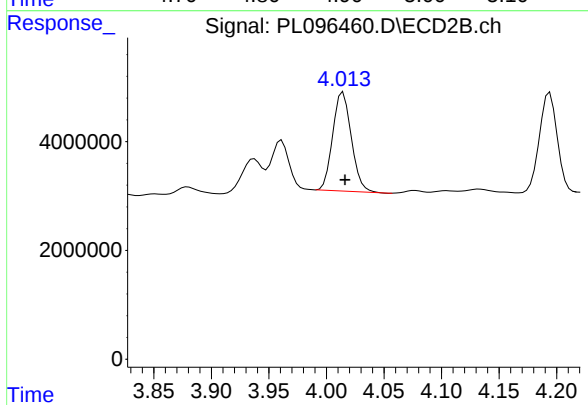
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 22381856
Conc: 2.84 ng/ml



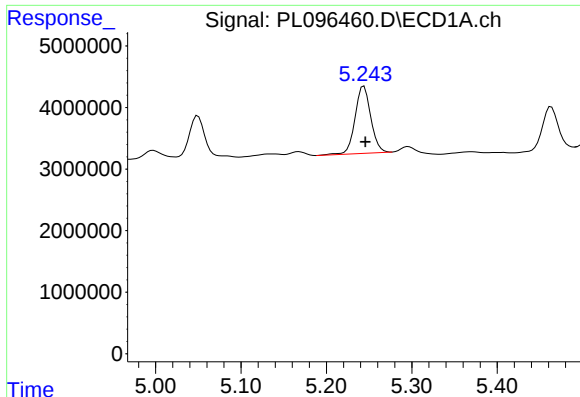
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 16766377
Conc: 3.66 ng/ml m



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 20500683
Conc: 2.69 ng/ml



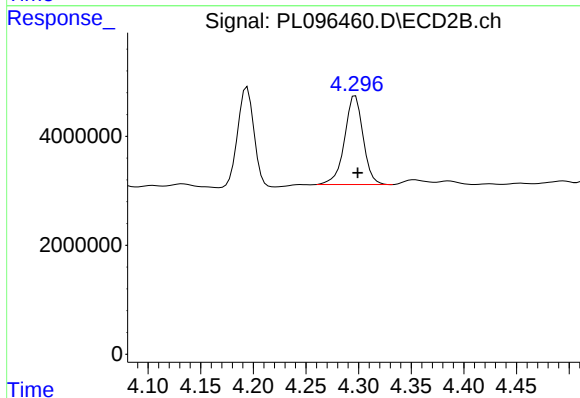
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 13929002
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

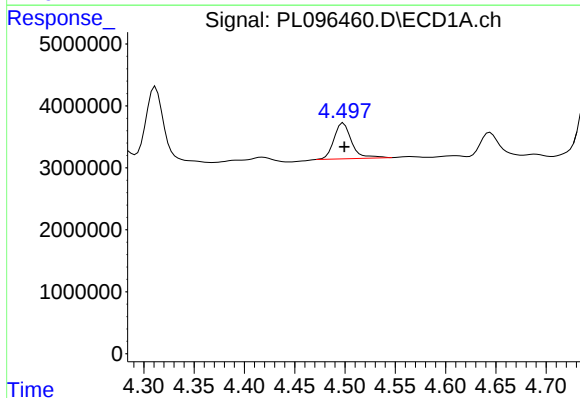
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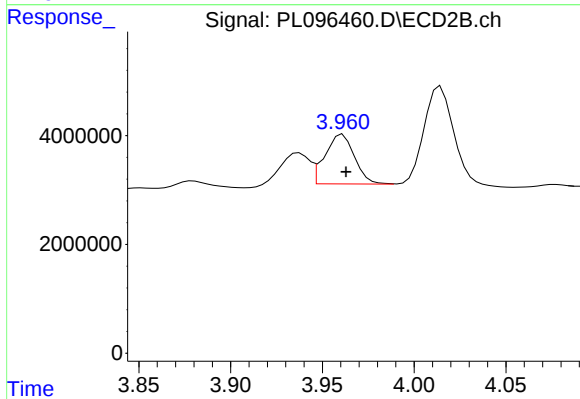
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 20074832
Conc: 2.75 ng/ml



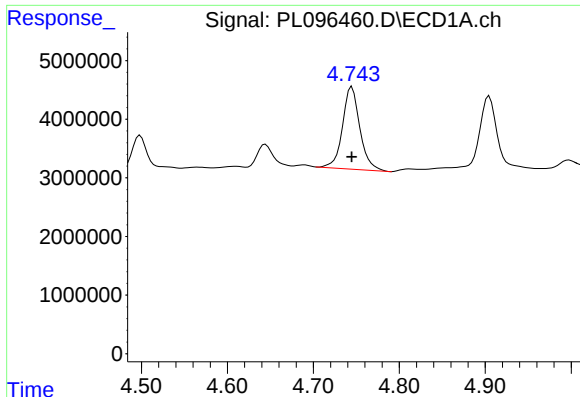
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 7051909
Conc: 3.39 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 9942135
Conc: 2.90 ng/ml m



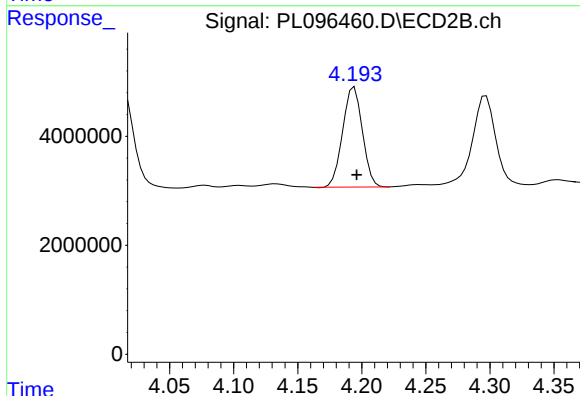
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 19772770
Conc: 4.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

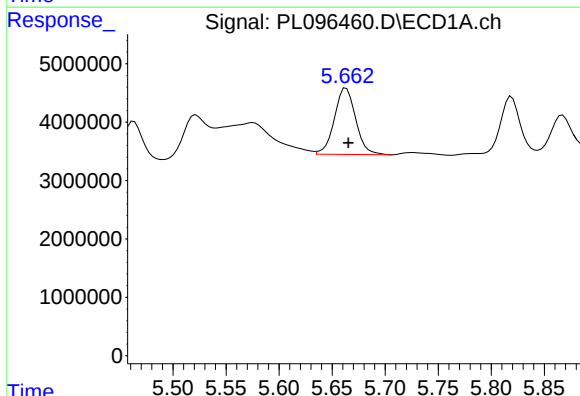
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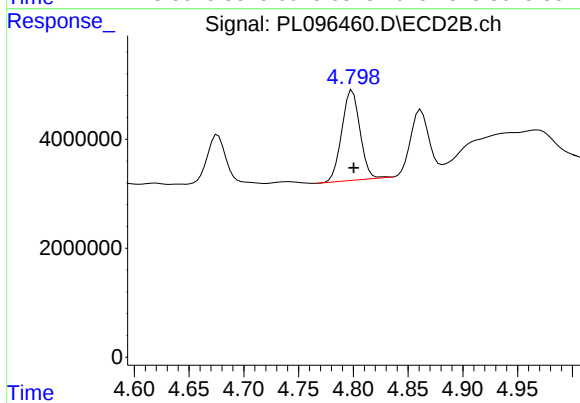
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 19652187
Conc: 2.55 ng/ml



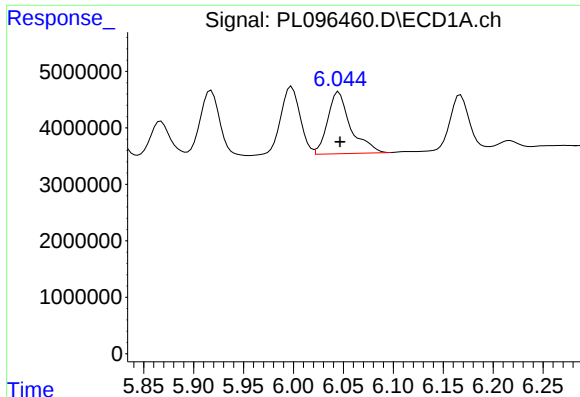
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 15867051
Conc: 3.82 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 19131559
Conc: 2.86 ng/ml



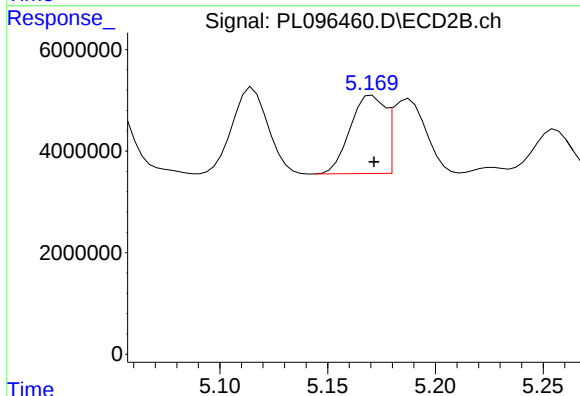
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 17556330
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

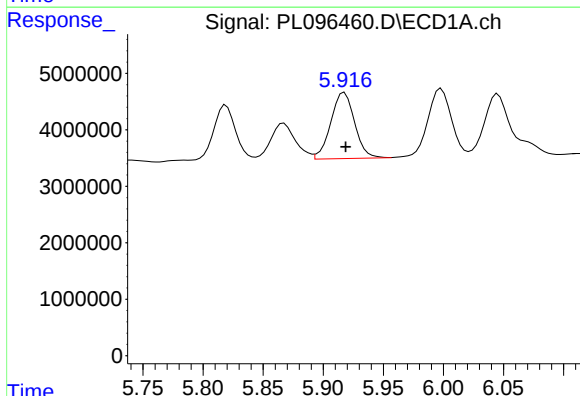
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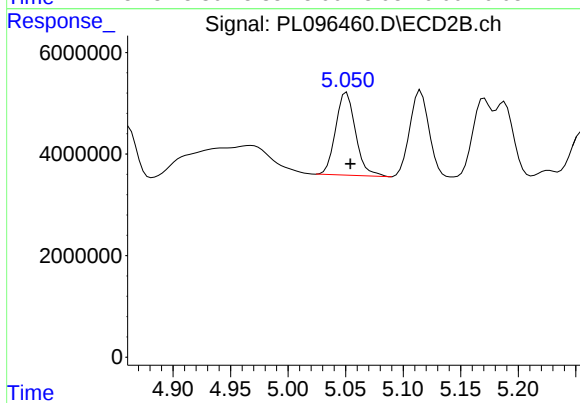
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 17244351
Conc: 2.40 ng/ml



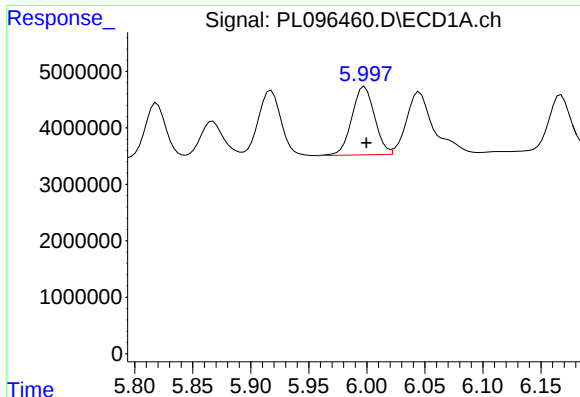
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 16156105
Conc: 3.65 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 19675022
Conc: 2.80 ng/ml



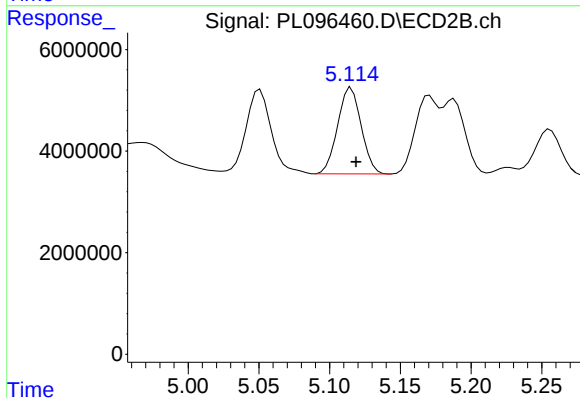
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 16447053
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

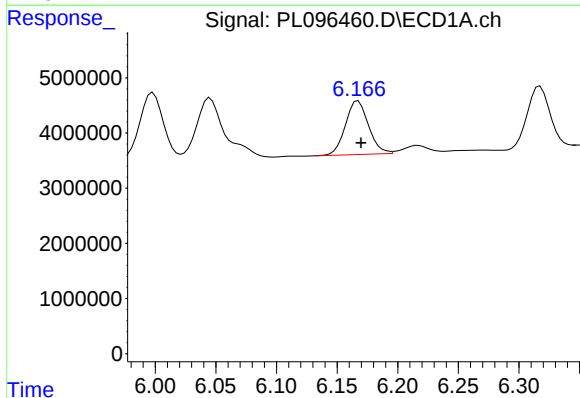
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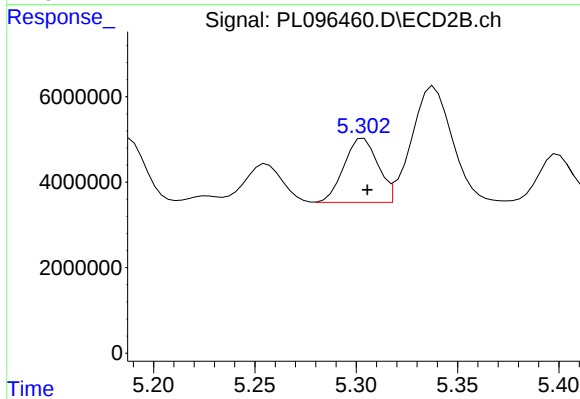
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 19734245
Conc: 2.62 ng/ml



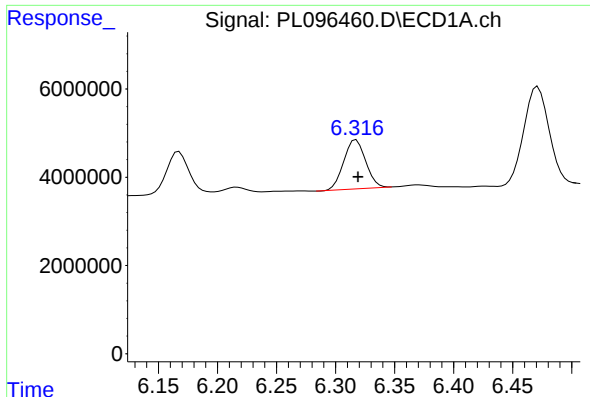
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 12912124
Conc: 3.48 ng/ml m



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.003 min
Response: 18288094
Conc: 2.83 ng/ml m



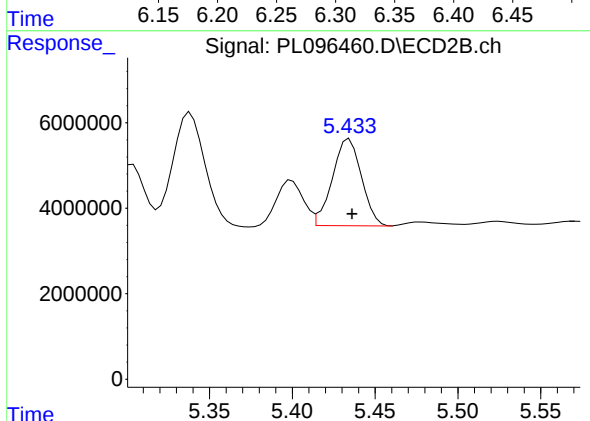
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 14372727
Conc: 3.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

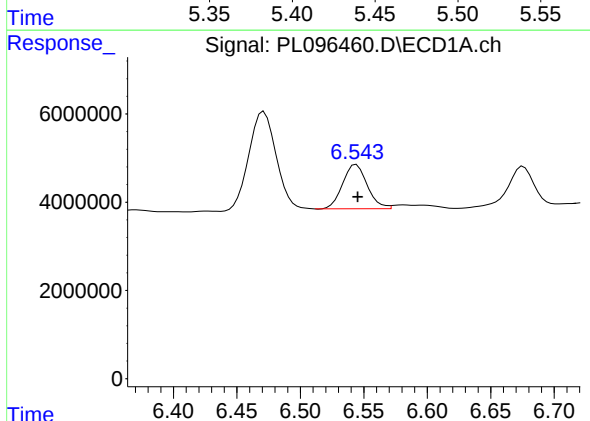
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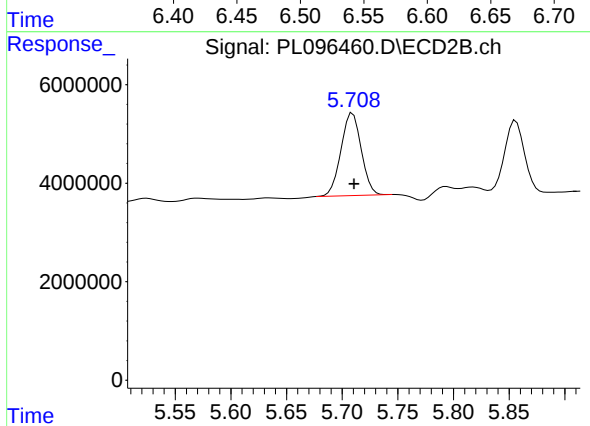
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 24644316
Conc: 3.61 ng/ml m



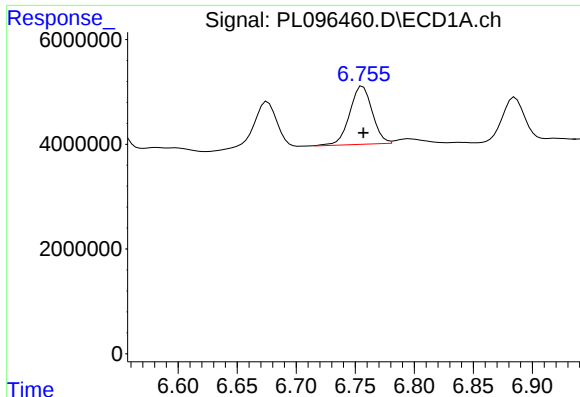
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 13516343
Conc: 4.35 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 21372079
Conc: 3.51 ng/ml



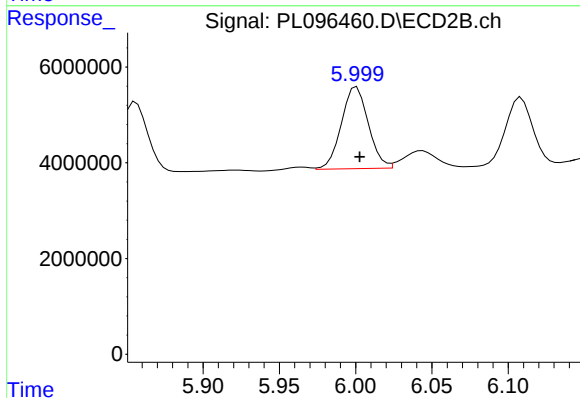
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 14927202
Conc: 4.30 ng/ml

Instrument :
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ClientSampleId :
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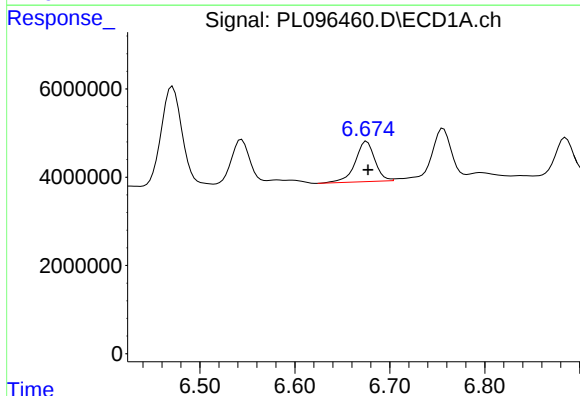
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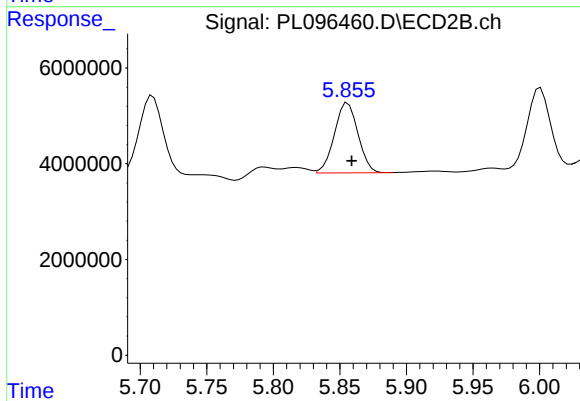
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 21026951
Conc: 3.59 ng/ml



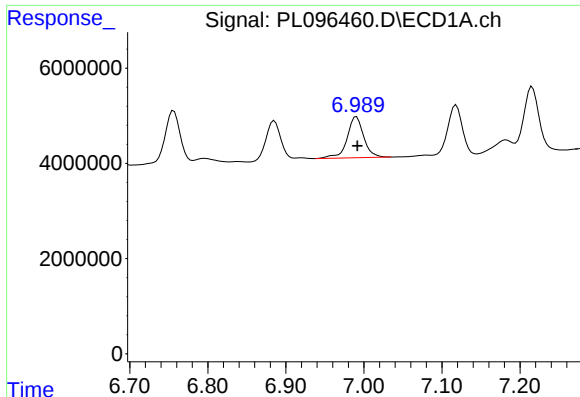
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 13187571
Conc: 4.53 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 18024060
Conc: 3.51 ng/ml m



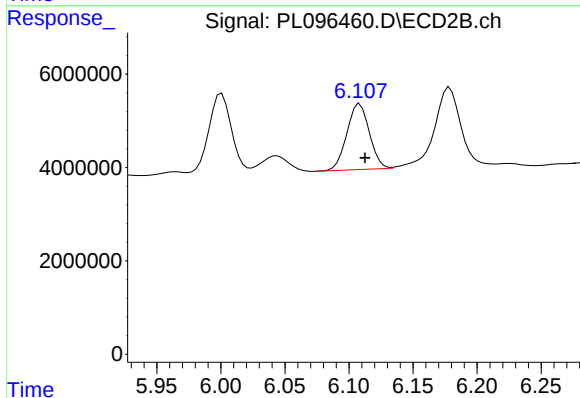
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 12723274
Conc: 4.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

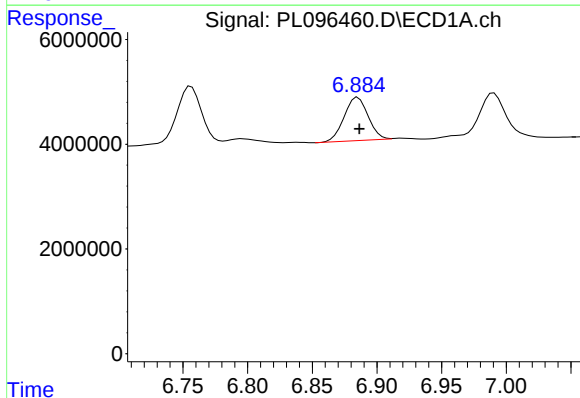
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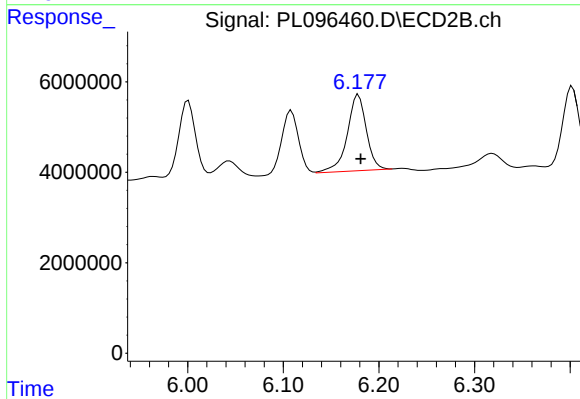
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 17239731
Conc: 3.01 ng/ml



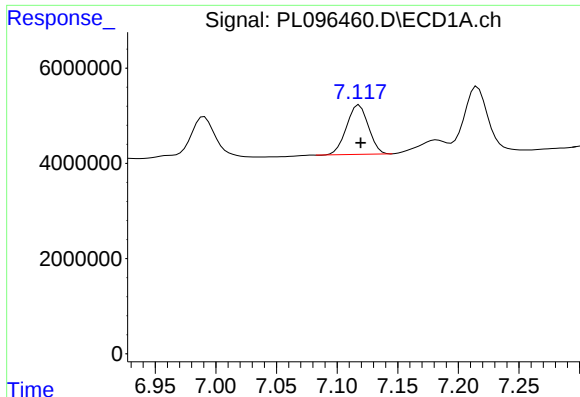
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 10641911
Conc: 4.76 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 23426340
Conc: 5.26 ng/ml



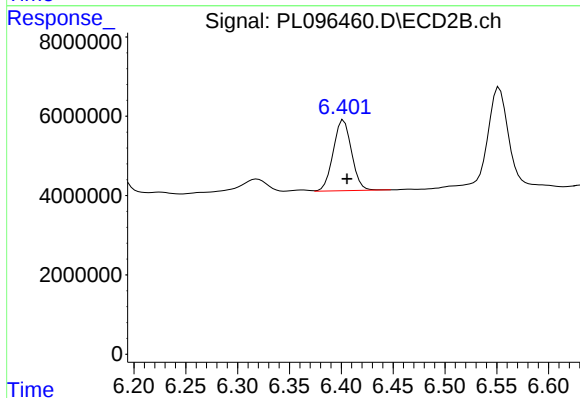
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 13043100
Conc: 4.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

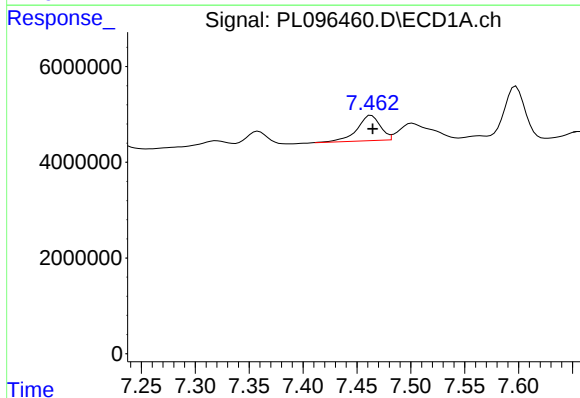
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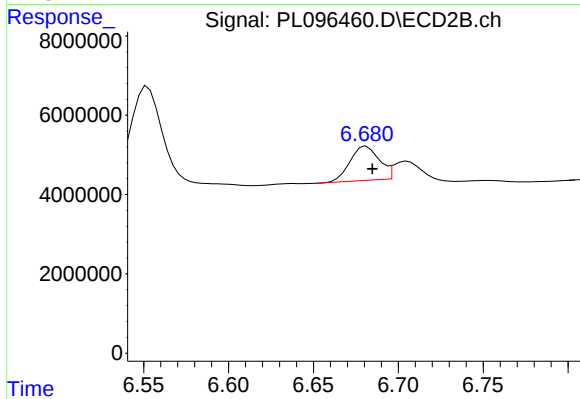
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 22039155
Conc: 3.92 ng/ml



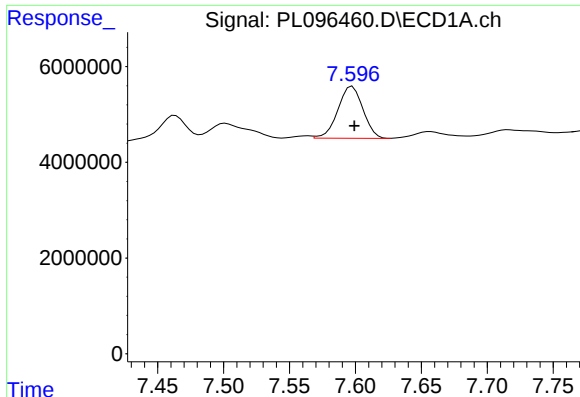
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 8125569
Conc: 5.16 ng/ml m



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 10253822
Conc: 3.38 ng/ml



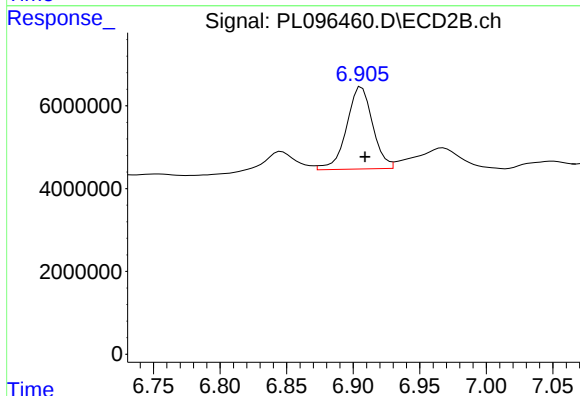
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 14312274
Conc: 4.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

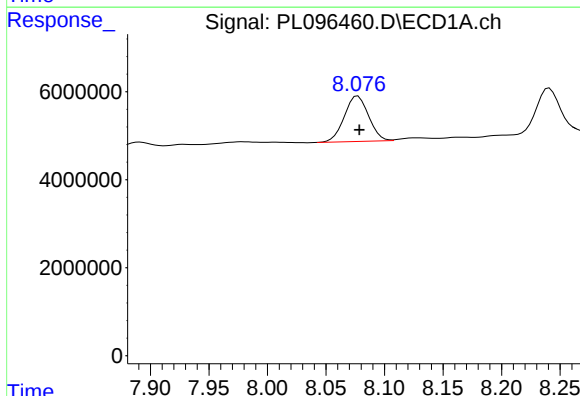
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



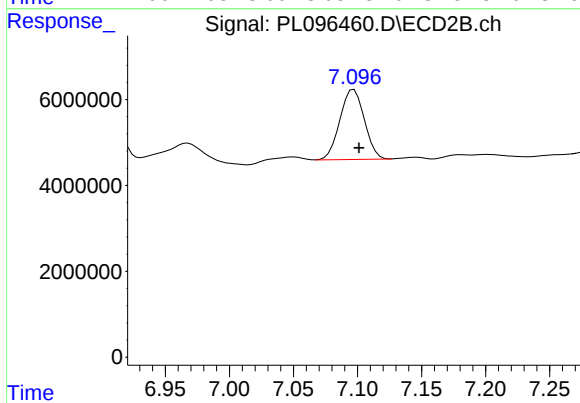
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 26922538
Conc: 4.31 ng/ml m



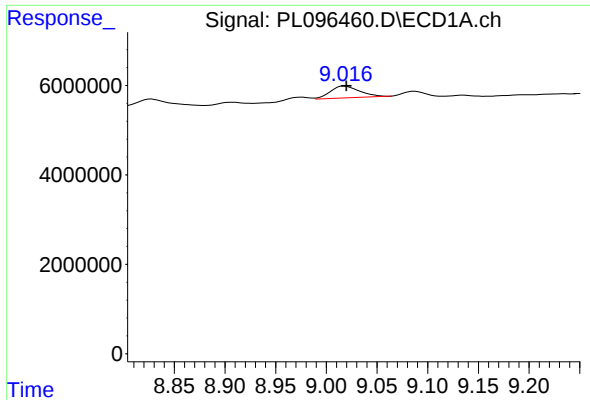
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 14971663
Conc: 5.38 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 21711548
Conc: 4.37 ng/ml m



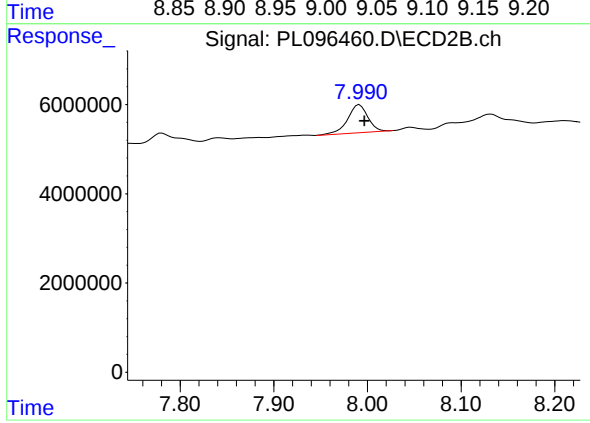
#28 Decachlorobiphenyl

R.T.: 9.016 min
Delta R.T.: -0.003 min
Response: 5362639
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSRE

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#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 9542234
Conc: 1.91 ng/ml m