

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 14:55
 Operator : AR\AJ
 Sample : Q1626-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CO-32-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/26/2025
 Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 01:19:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.770	4531919	6299313	1.601	1.765
28) SA Decachlor...	9.048	7.902	5516761	7526343	2.618m	1.863 #
Target Compounds						
2) A alpha-BHC	3.991	3.271	17913729	24329733	4.314	4.513
3) MA gamma-BHC...	4.323	3.599	20123803	28915243	5.043m	5.626m
4) MA Heptachlor	4.910	3.938	17477486	23671755	4.503m	4.493
5) MB Aldrin	5.252	4.217	16211866	25695428	4.391m	5.269
6) B beta-BHC	4.523	3.900	7604182	11894105	4.121m	5.355m#
7) B delta-BHC	4.765	4.130	28574275	19634709	7.337m	3.925 #
8) B Heptachlo...	5.677	4.719	26950823	21496689	8.057m	4.695m#
9) A Endosulfan I	6.066	5.092	13489327	12545991	4.394	2.859 #
10) B gamma-Chl...	5.936	4.968	30678487	37519954	9.105	7.771m
11) B alpha-Chl...	6.016	5.033	24037480	37180541	7.291	7.790
12) B 4,4'-DDE	6.186	5.222	19948348	24485816	6.780m	5.267
13) MA Dieldrin	6.340	5.355	18714320	56406076	5.852m	11.626 #
14) MA Endrin	6.569	5.631	23048489	25013821	8.315m	5.732 #
15) B Endosulfa...	6.789	5.921	13008354	28375260	4.792m	6.556m#
16) A 4,4'-DDD	6.710	5.777	31138179	22657541	14.375m	6.301 #
17) MA 4,4'-DDT	7.021	6.025	14658927	60753135	6.163	15.067 #
18) B Endrin al...	6.921	6.104	7114469	13740536	3.370m	4.083m
19) B Endosulfa...	7.154	6.325	16437302	25316533	6.759m	6.215
20) A Methoxychlor	7.498	6.599	5128350	4852083	4.284	2.288m#
21) B Endrin ke...	7.640	6.831	12566193	15869046	4.754	3.325 #
22) Mirex	8.113	7.012	10941089	12407605	5.295m	3.269 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 14:55
Operator : AR\AJ
Sample : Q1626-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

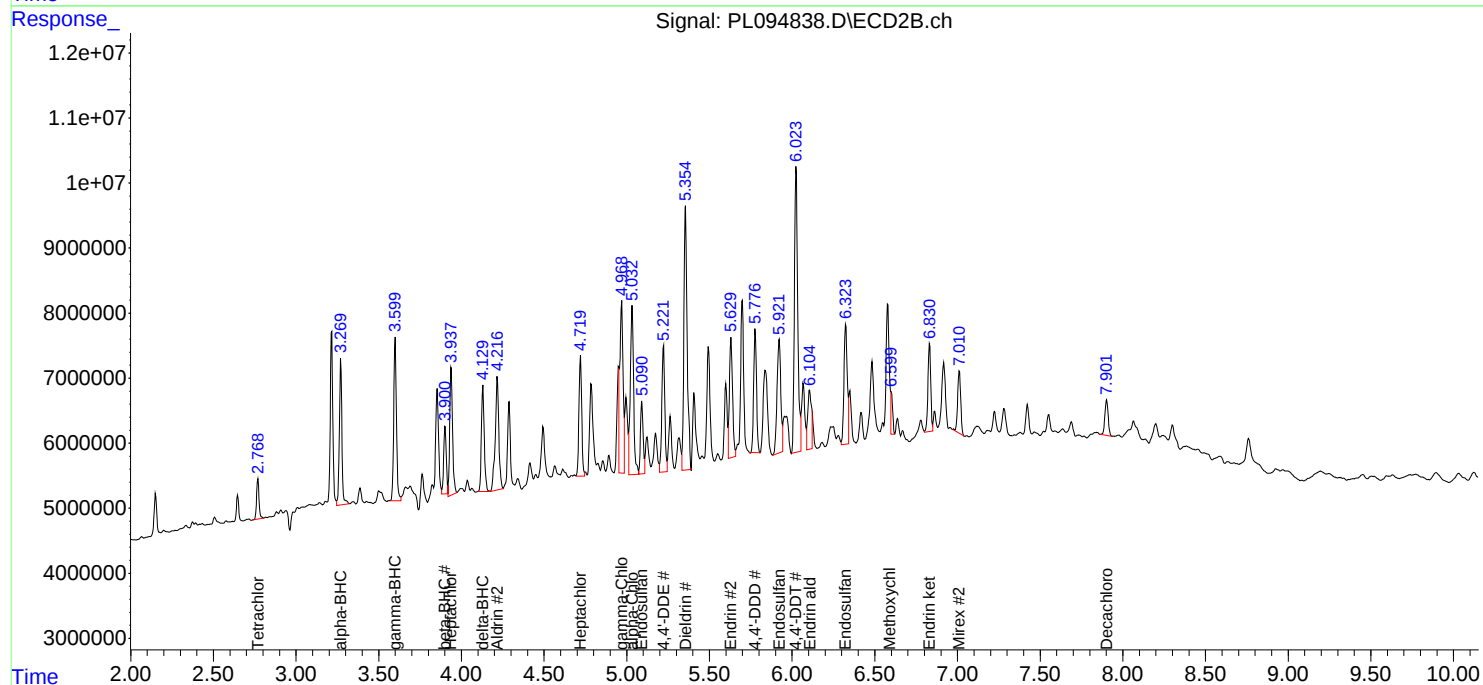
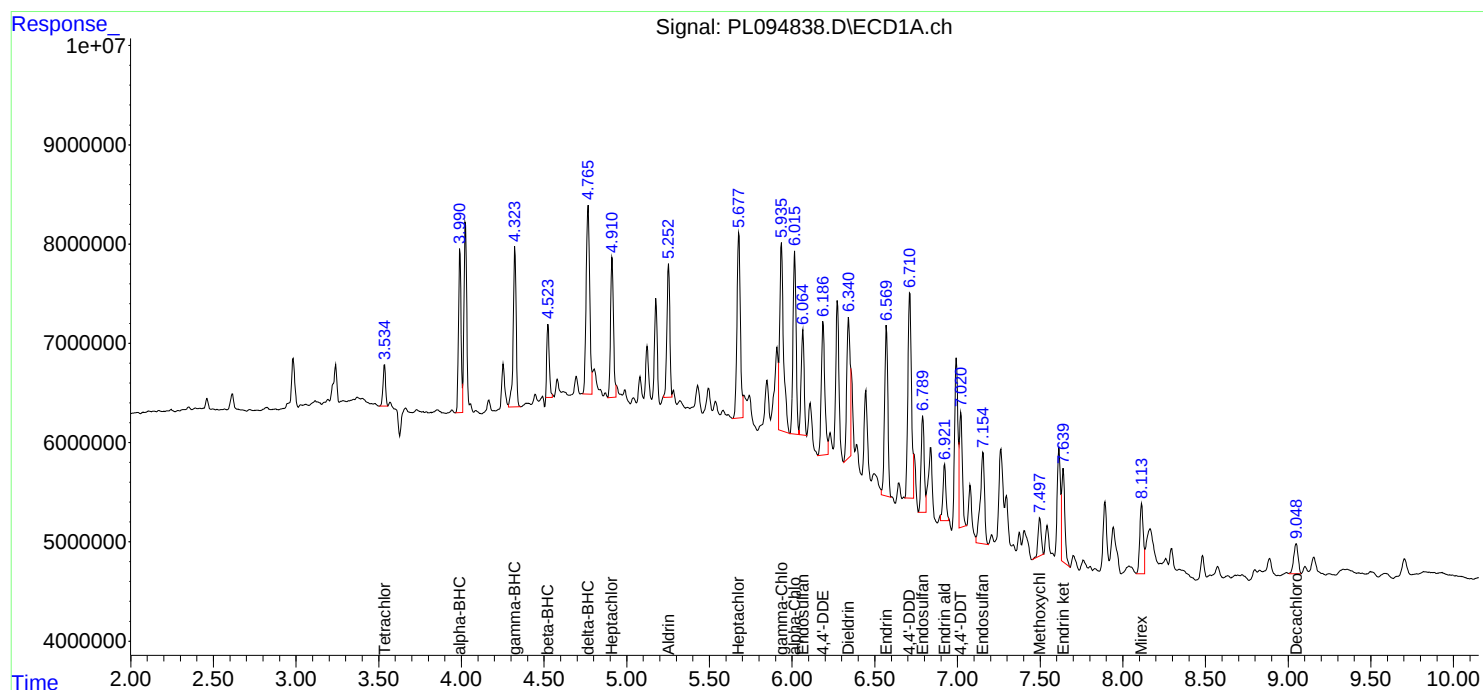
Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

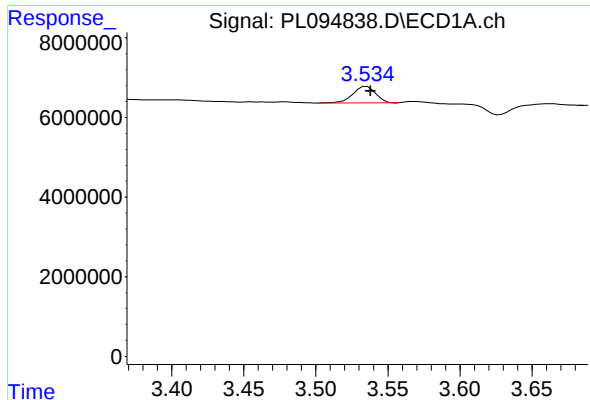
Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 01:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





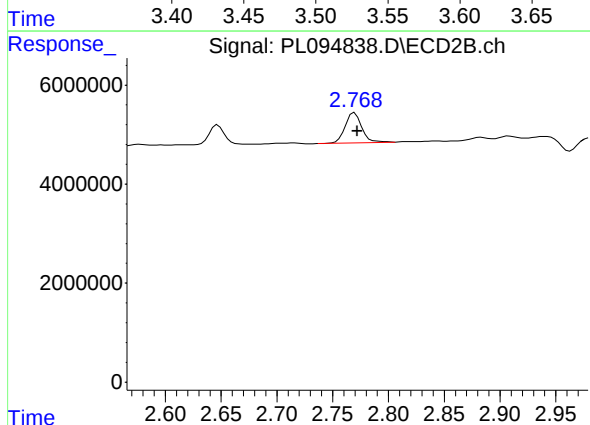
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 4531919
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

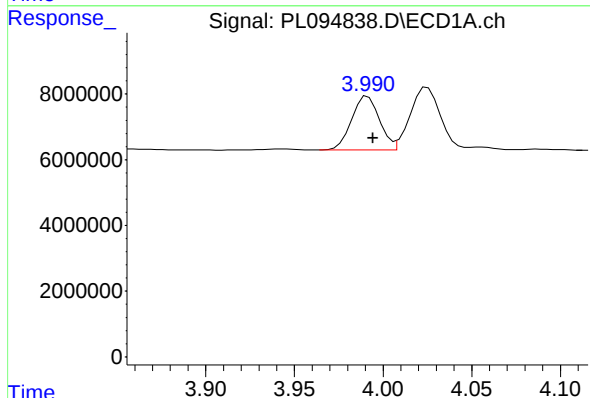
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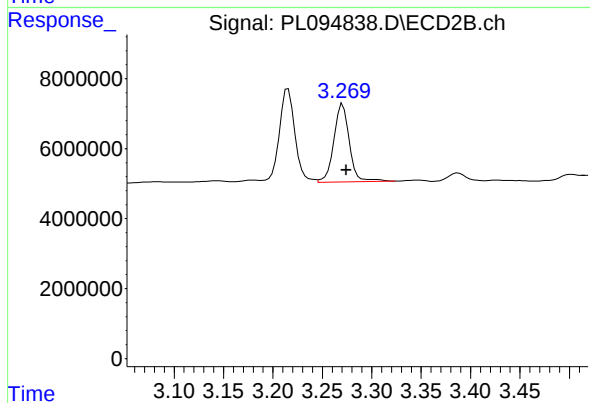
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 6299313
Conc: 1.76 ng/ml



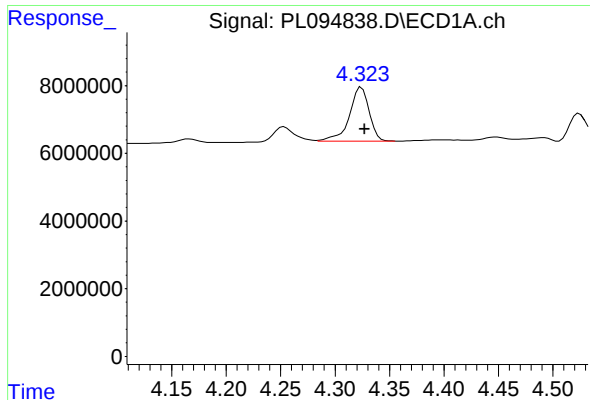
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 17913729
Conc: 4.31 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 24329733
Conc: 4.51 ng/ml



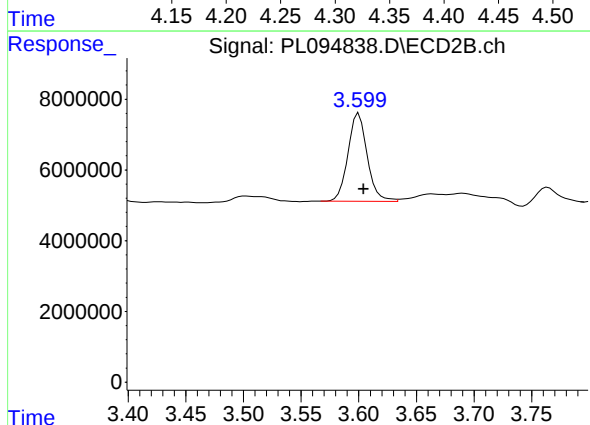
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 20123803
Conc: 5.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

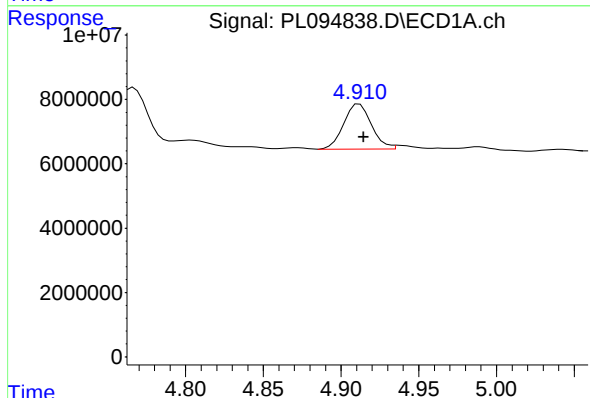
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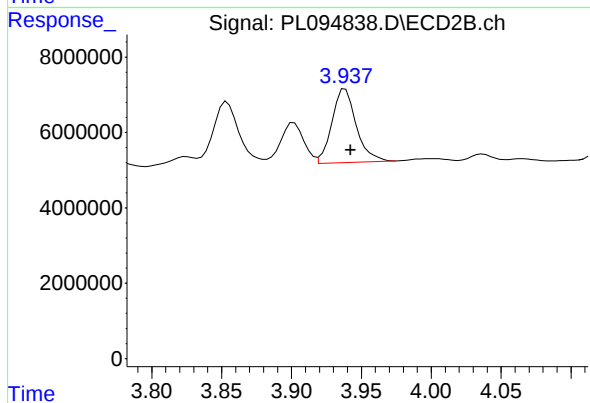
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 28915243
Conc: 5.63 ng/ml m



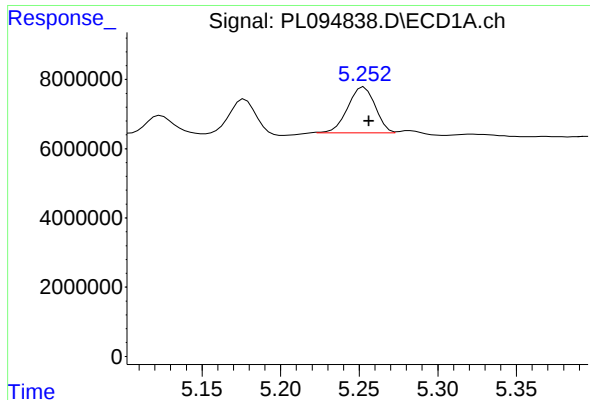
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 17477486
Conc: 4.50 ng/ml m



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 23671755
Conc: 4.49 ng/ml



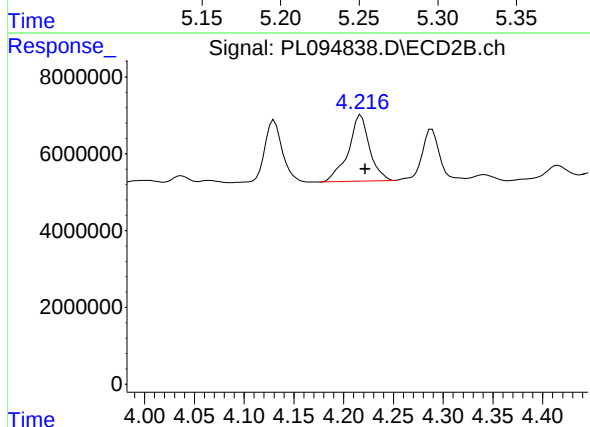
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 16211866
Conc: 4.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

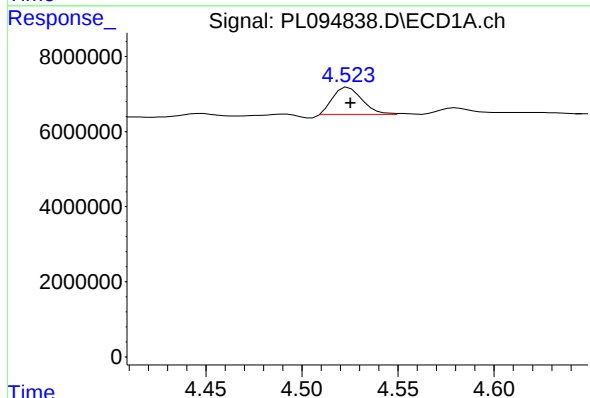
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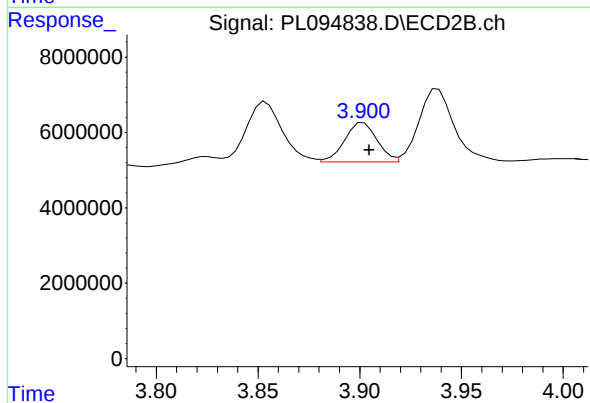
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 25695428
Conc: 5.27 ng/ml



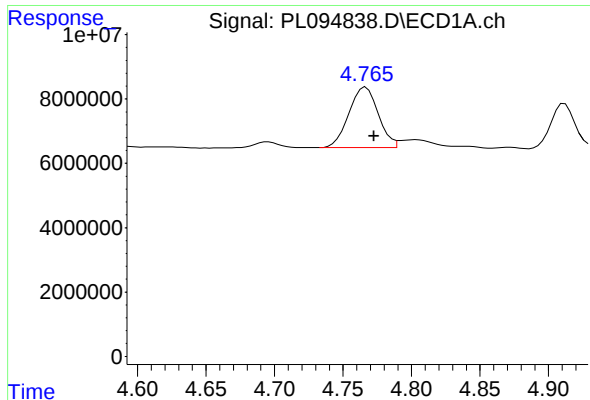
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 7604182
Conc: 4.12 ng/ml m



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 11894105
Conc: 5.35 ng/ml m



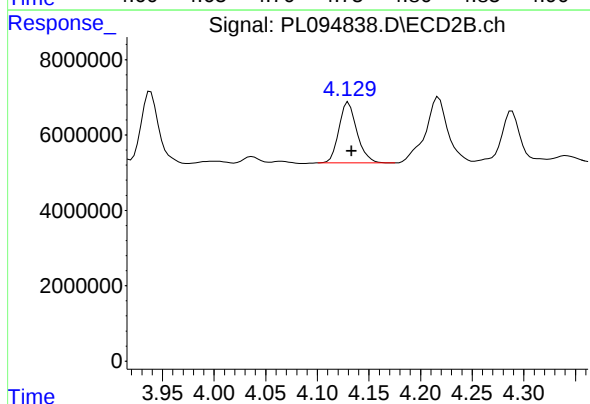
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: -0.007 min
Response: 28574275
Conc: 7.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

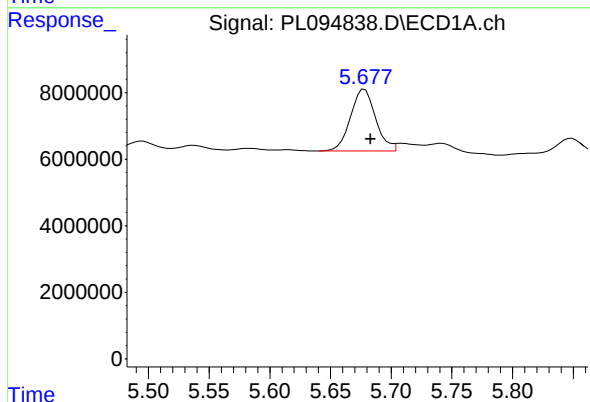
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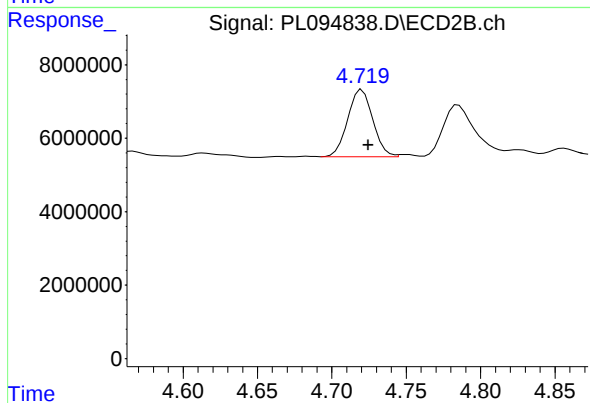
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 19634709
Conc: 3.93 ng/ml



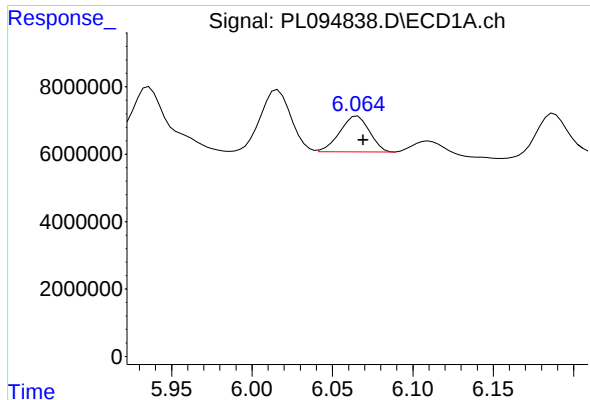
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 26950823
Conc: 8.06 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 21496689
Conc: 4.70 ng/ml m



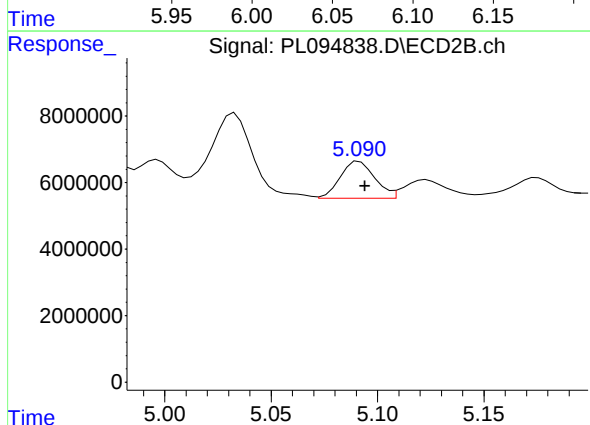
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 13489327
Conc: 4.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

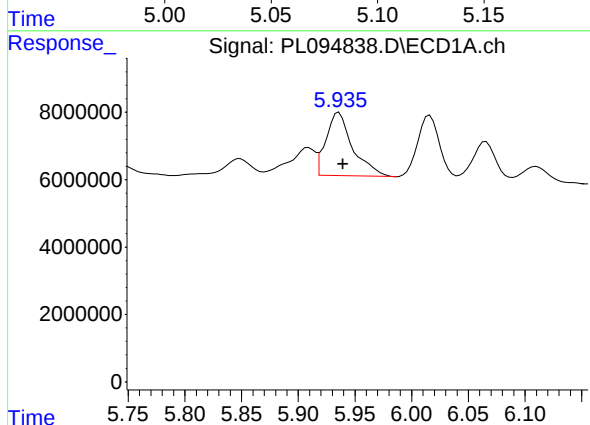
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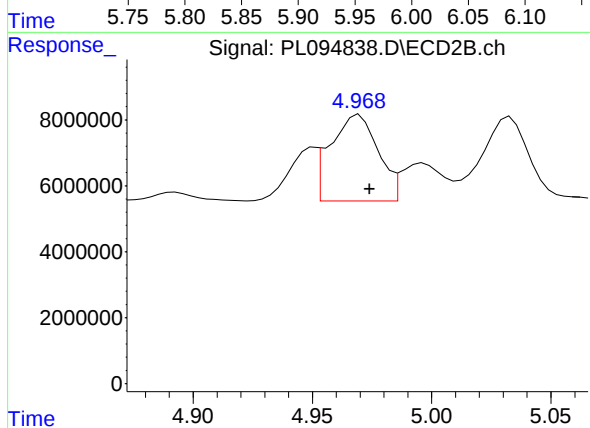
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 12545991
Conc: 2.86 ng/ml



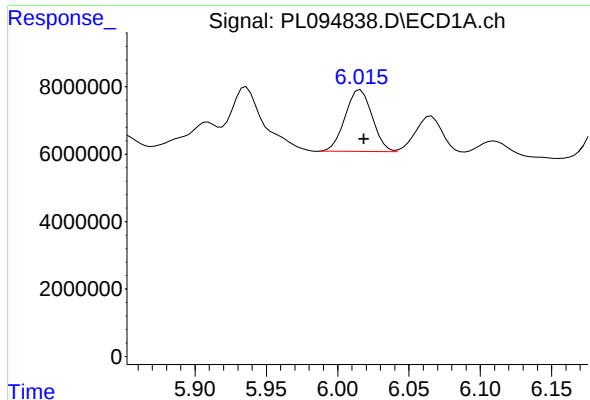
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 30678487
Conc: 9.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 37519954
Conc: 7.77 ng/ml m



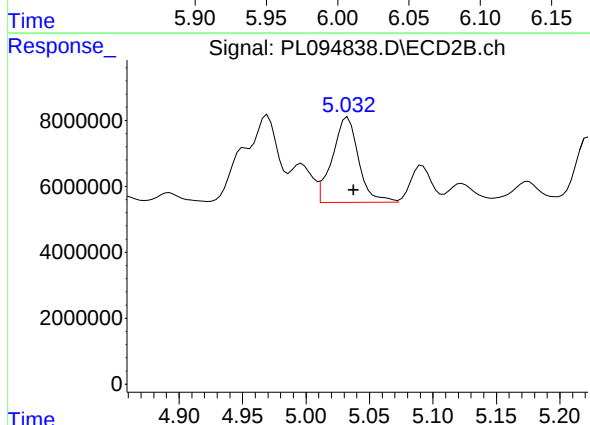
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 24037480
Conc: 7.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

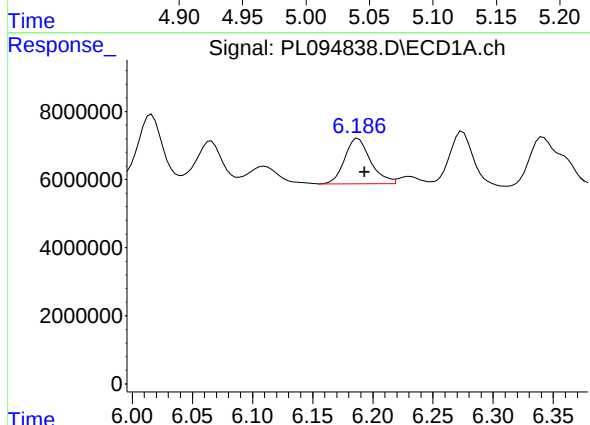
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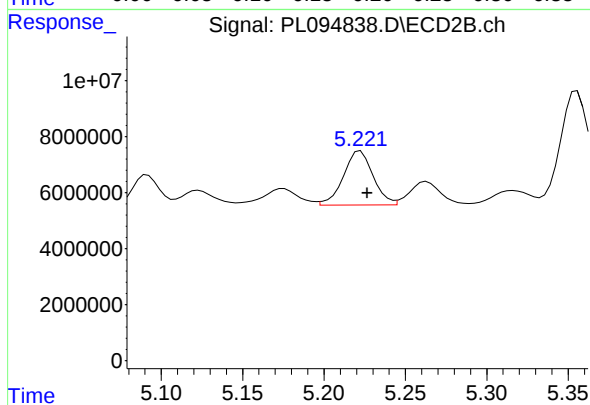
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 37180541
Conc: 7.79 ng/ml



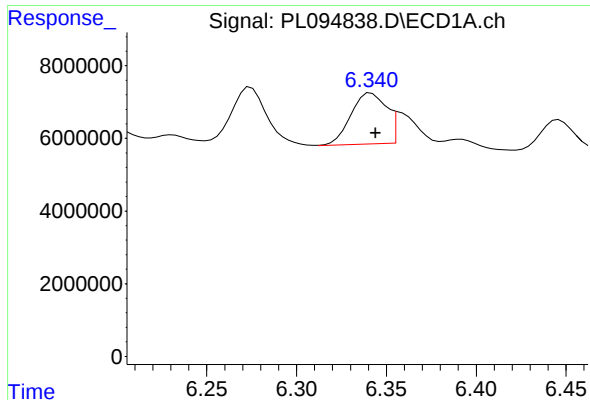
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 19948348
Conc: 6.78 ng/ml m



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 24485816
Conc: 5.27 ng/ml



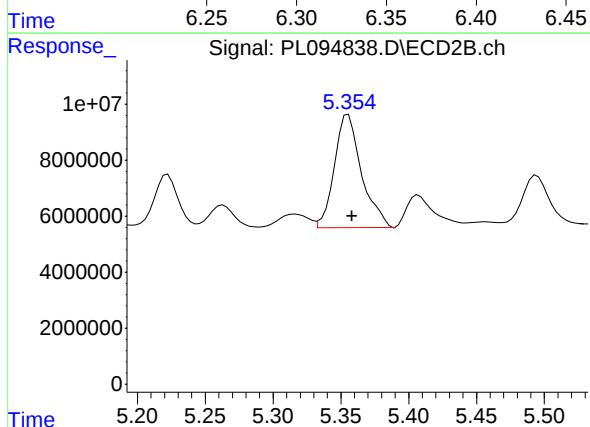
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 18714320
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

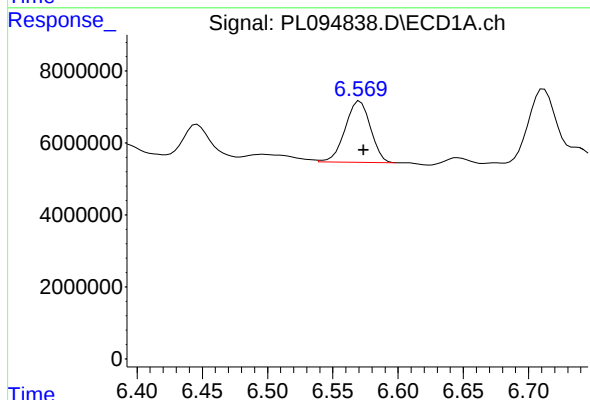
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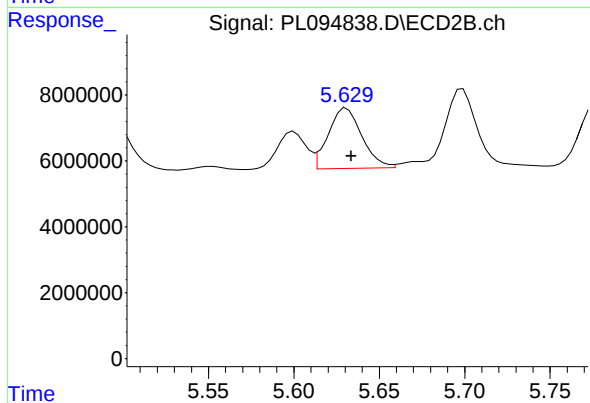
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 56406076
Conc: 11.63 ng/ml



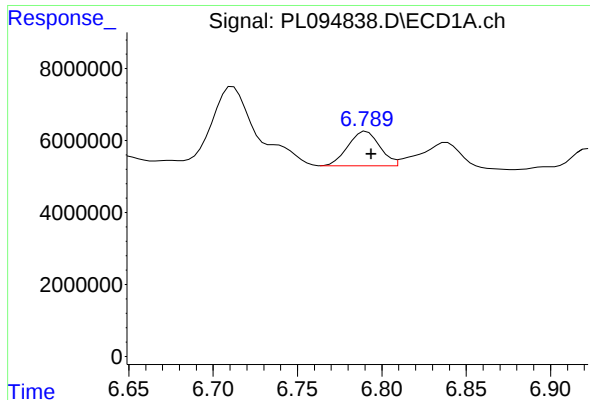
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.004 min
Response: 23048489
Conc: 8.31 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 25013821
Conc: 5.73 ng/ml



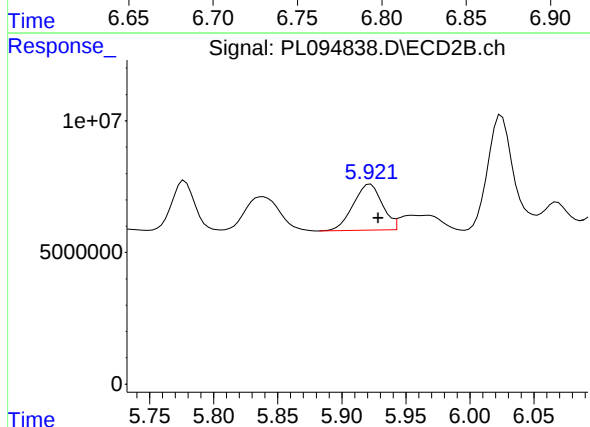
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 13008354
Conc: 4.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

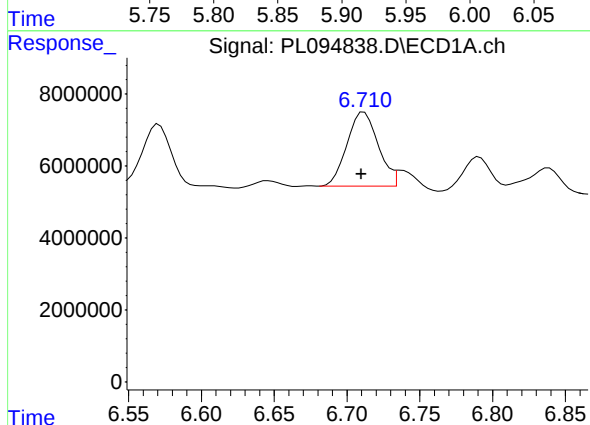
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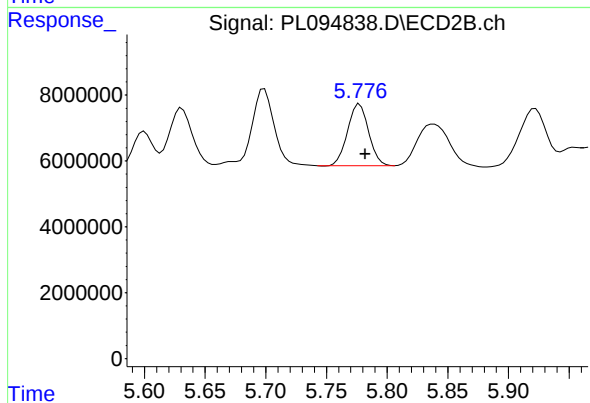
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 28375260
Conc: 6.56 ng/ml m



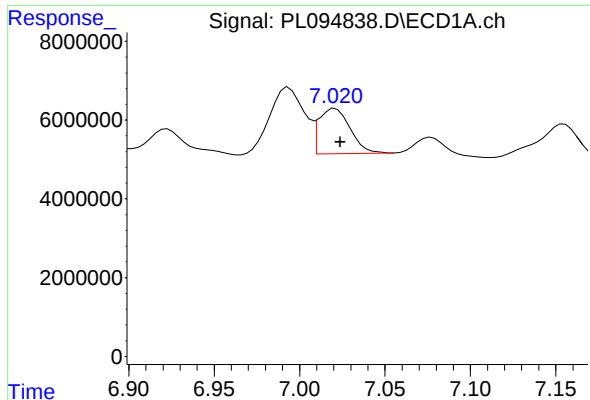
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 31138179
Conc: 14.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 22657541
Conc: 6.30 ng/ml



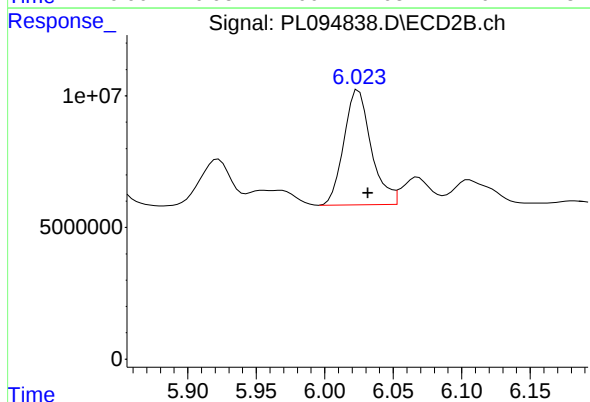
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 14658927
Conc: 6.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

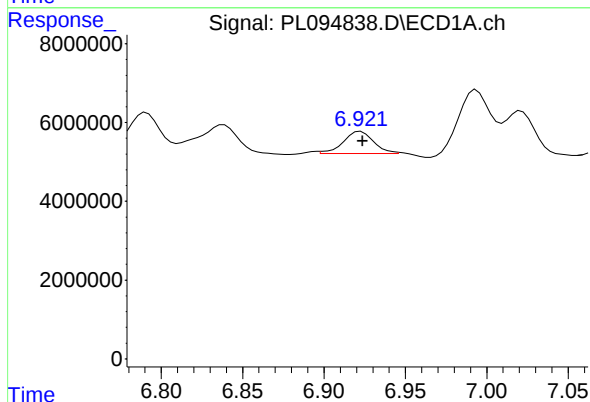
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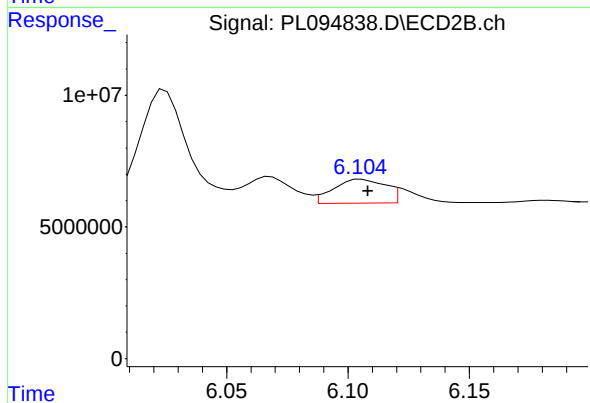
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 60753135
Conc: 15.07 ng/ml



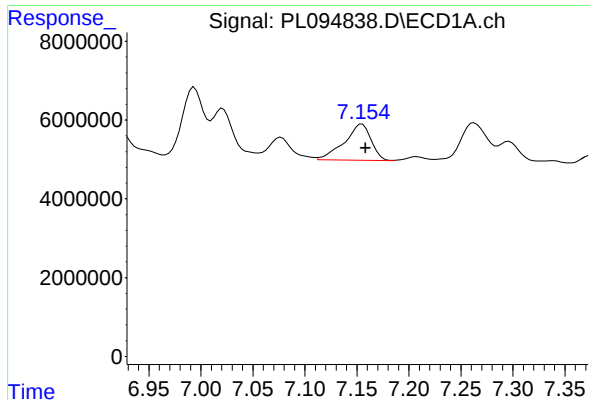
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 7114469
Conc: 3.37 ng/ml m



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 13740536
Conc: 4.08 ng/ml m



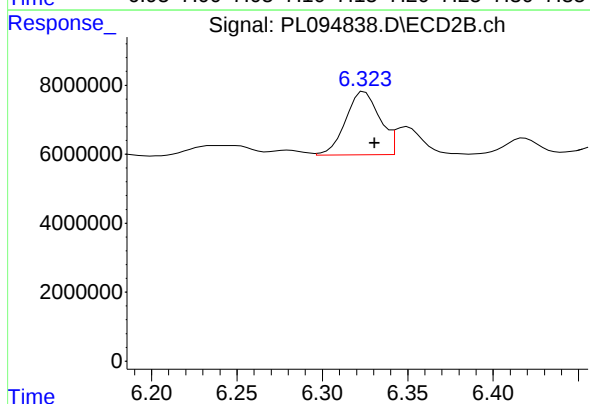
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 16437302
Conc: 6.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

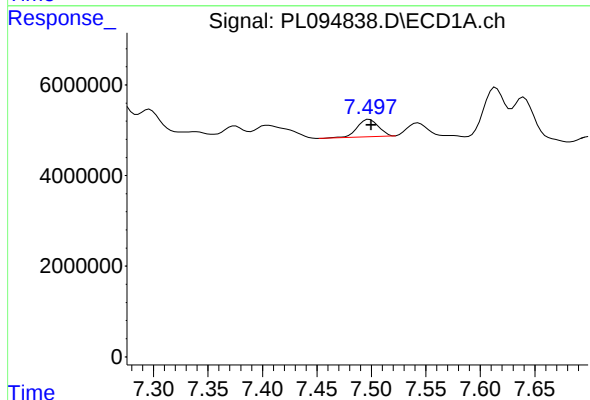
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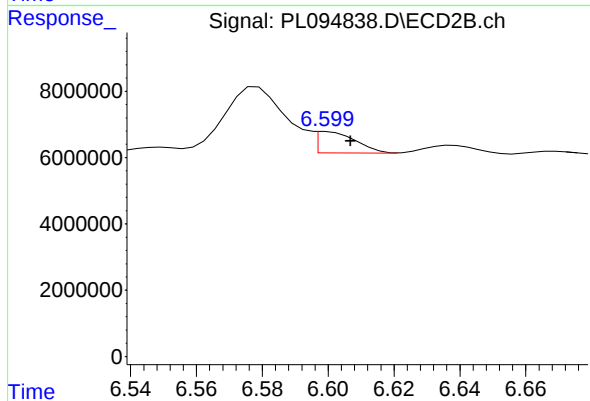
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 25316533
Conc: 6.22 ng/ml



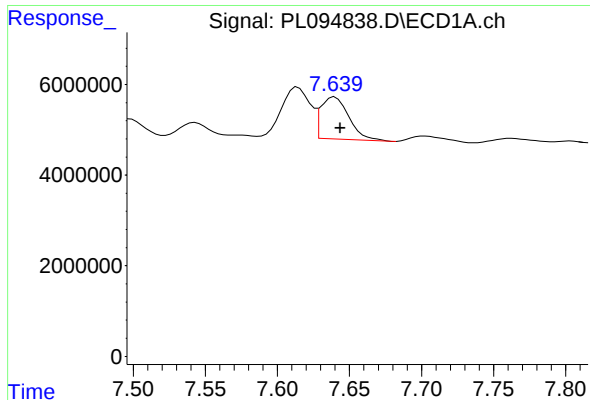
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 5128350
Conc: 4.28 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 4852083
Conc: 2.29 ng/ml m



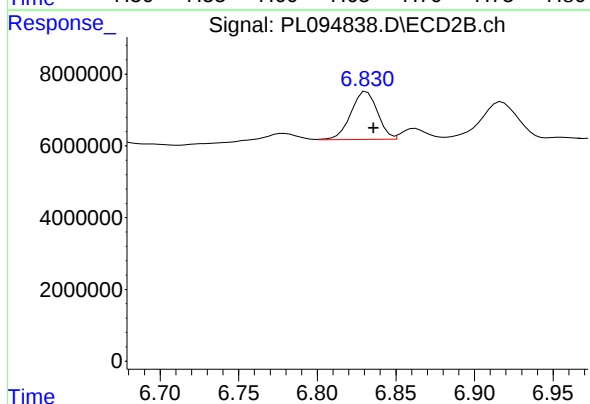
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 12566193
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

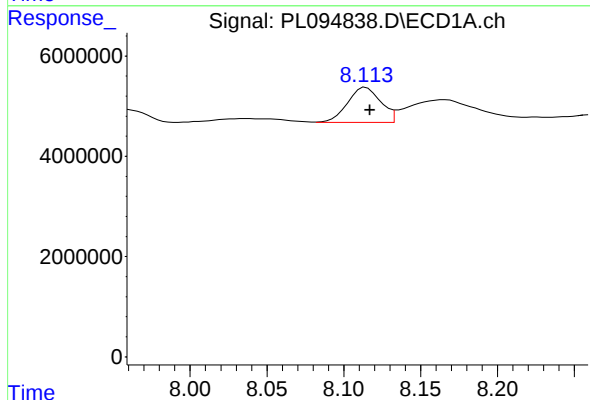
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



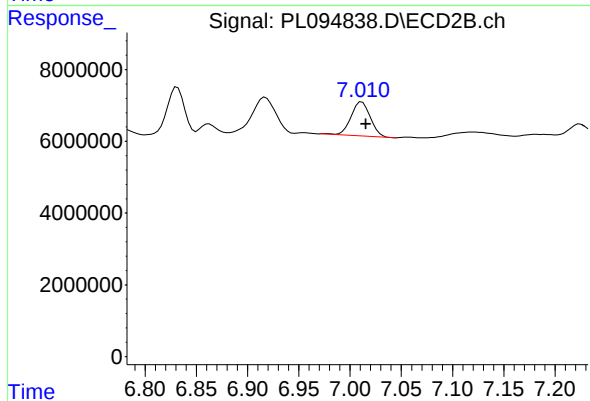
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 15869046
Conc: 3.33 ng/ml



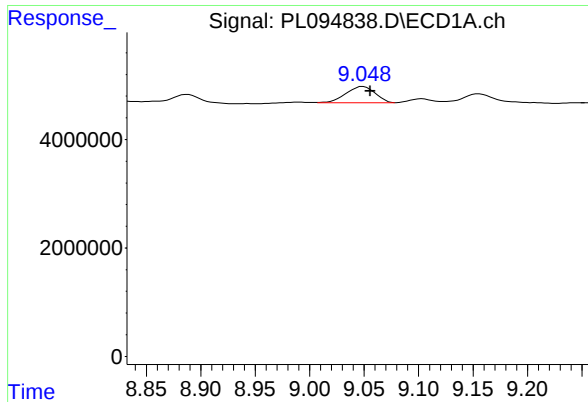
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 10941089
Conc: 5.30 ng/ml m



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 12407605
Conc: 3.27 ng/ml



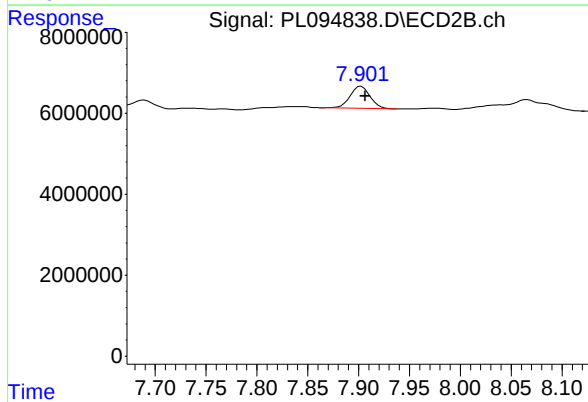
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.008 min
Response: 5516761
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
CO-32-1MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.004 min
Response: 7526343
Conc: 1.86 ng/ml