

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 16:47
 Operator : AR\AJ
 Sample : Q1648-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 01:58:29 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...	3.534	2.769	51292119	64714878	18.120m	18.131
28) SA Decachlor...	9.049	7.902	32004913	55685369	15.187	13.786
Target Compounds						
2) A alpha-BHC	3.992	3.271	173.9E6	266.3E6	41.873	49.387
3) MA gamma-BHC...	4.323	3.601	173.2E6	249.1E6	43.417m	48.468
4) MA Heptachlor	4.911	3.938	161.5E6	245.9E6	41.597m	46.673
5) MB Aldrin	5.253	4.218	155.7E6	231.8E6	42.171	47.529
6) B beta-BHC	4.524	3.901	79054573	110.5E6	42.843	49.744
7) B delta-BHC	4.769	4.129	140.4E6	175.3E6	36.048m	35.046
8) B Heptachlo...	5.679	4.720	144.0E6	218.6E6	43.056m	47.750
9) A Endosulfan I	6.066	5.090	132.5E6	196.6E6	43.168	44.806
10) B gamma-Chl...	5.936	4.968	150.5E6	230.8E6	44.674	47.798m
11) B alpha-Chl...	6.015	5.033	144.2E6	233.9E6	43.728	49.013
12) B 4,4'-DDE	6.189	5.220	127.3E6	227.6E6	43.262	48.964m
13) MA Dieldrin	6.341	5.352	142.2E6	227.5E6	44.460	46.896m
14) MA Endrin	6.571	5.629	125.6E6	206.7E6	45.313	47.371
15) B Endosulfa...	6.790	5.923	121.7E6	205.4E6	44.832m	47.455m
16) A 4,4'-DDD	6.707	5.777	112.4E6	180.2E6	51.905	50.116
17) MA 4,4'-DDT	7.021	6.027	109.0E6	193.6E6	45.843	48.017
18) B Endrin al...	6.921	6.104	93476456	158.1E6	44.281	46.966
19) B Endosulfa...	7.156	6.327	106.0E6	188.1E6	43.591	46.181
20) A Methoxychlor	7.497	6.602	57469465	102.1E6	48.008	48.121
21) B Endrin ke...	7.639	6.830	126.2E6	224.7E6	47.761m	47.080m
22) Mirex	8.111	7.010	93498310	171.7E6	45.249m	45.241m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 16:47
Operator : AR\AJ
Sample : Q1648-05MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

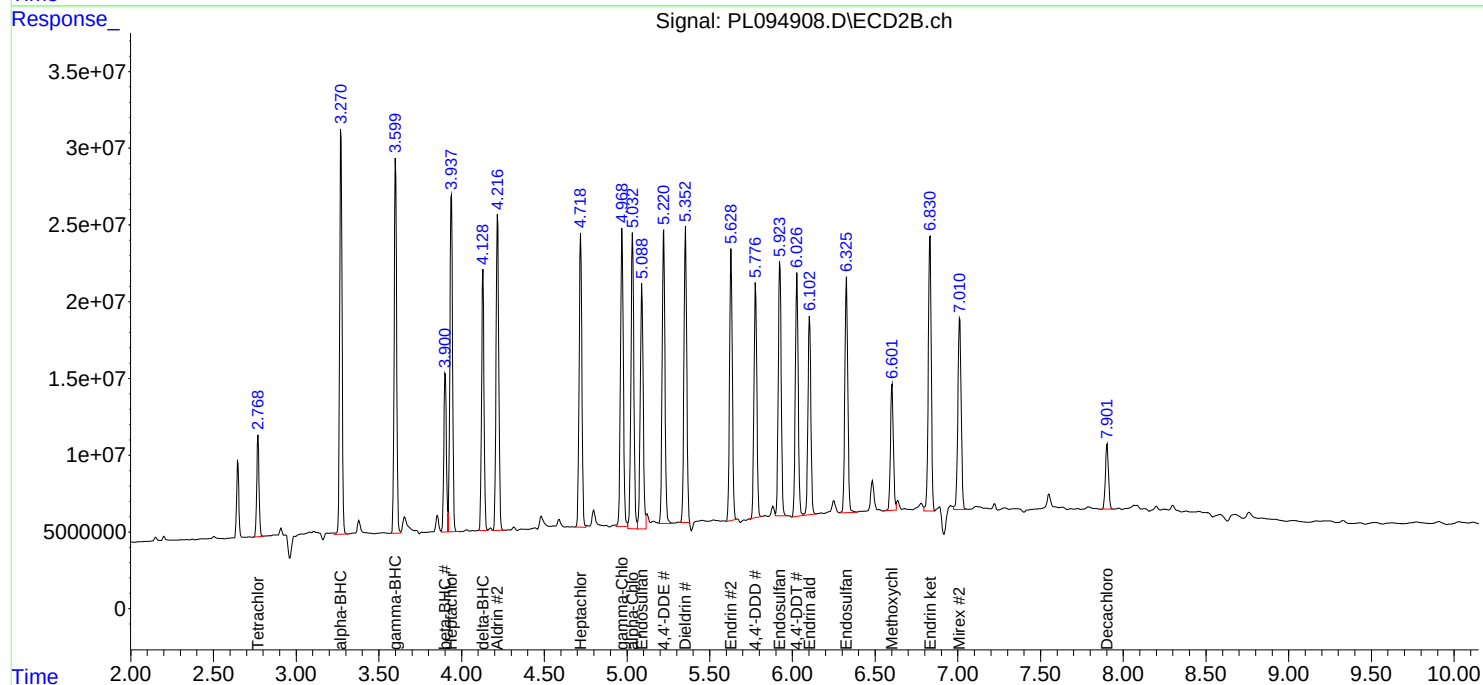
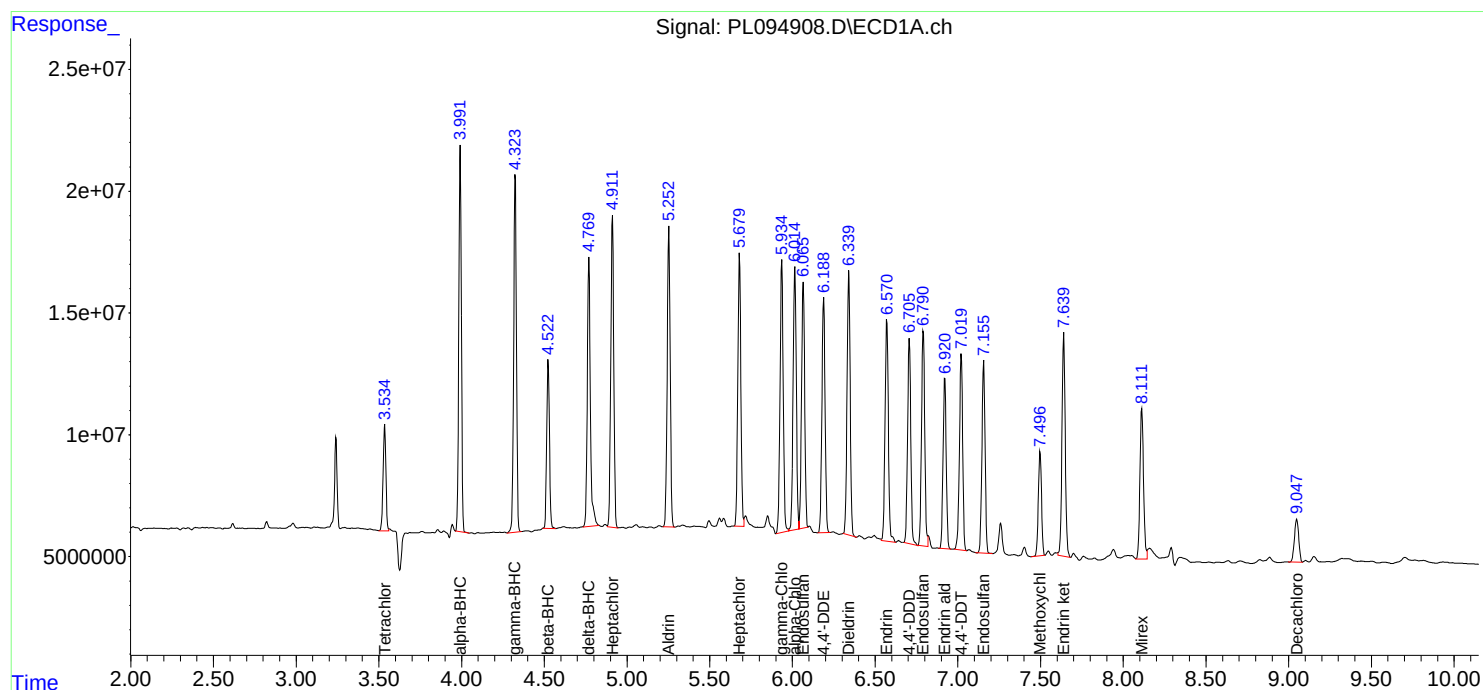
Instrument :
ECD_L
ClientSampleId :
TP-3MS

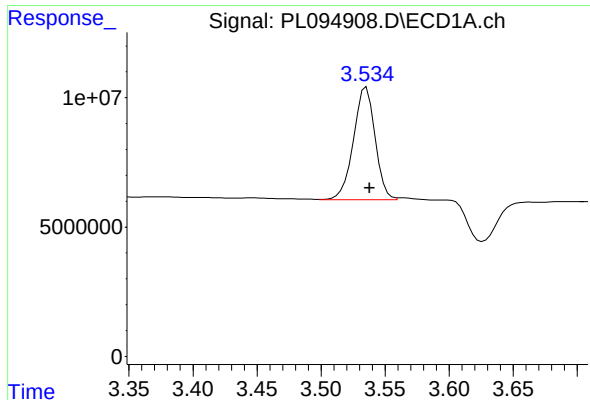
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:58:29 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





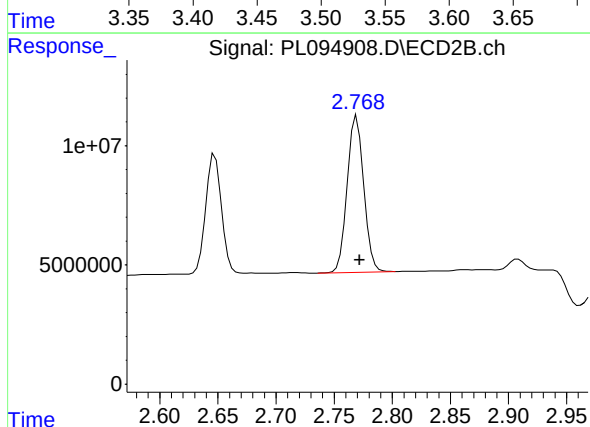
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 51292119
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

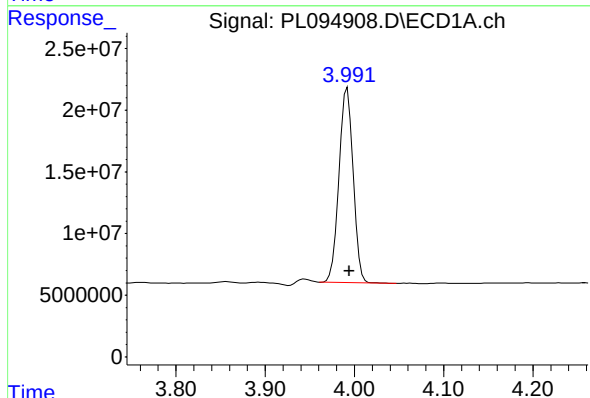
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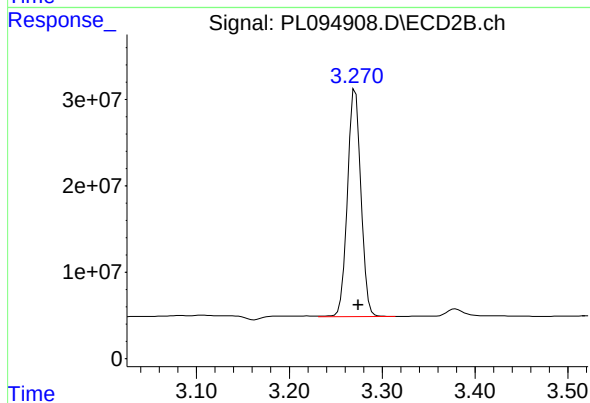
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 64714878
Conc: 18.13 ng/ml



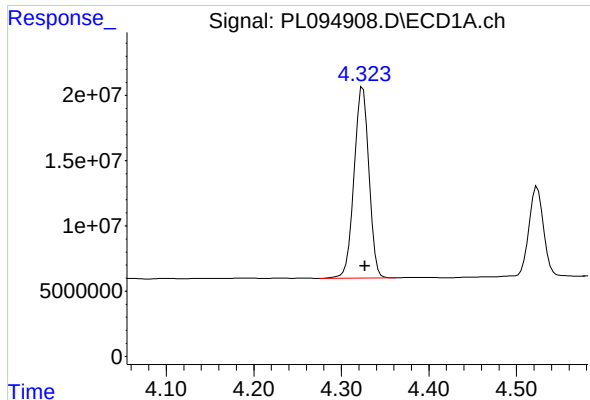
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 173869055
Conc: 41.87 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 266262103
Conc: 49.39 ng/ml



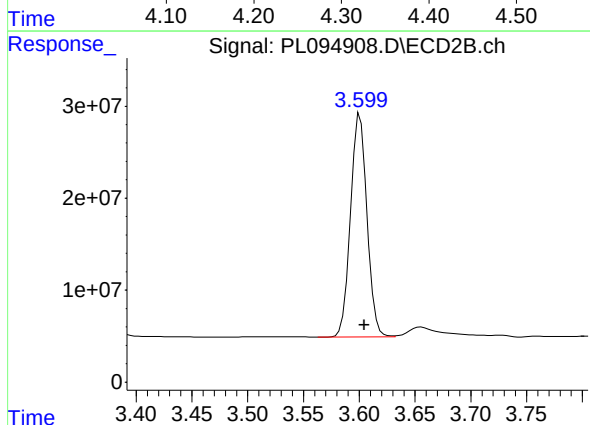
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 173245836
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

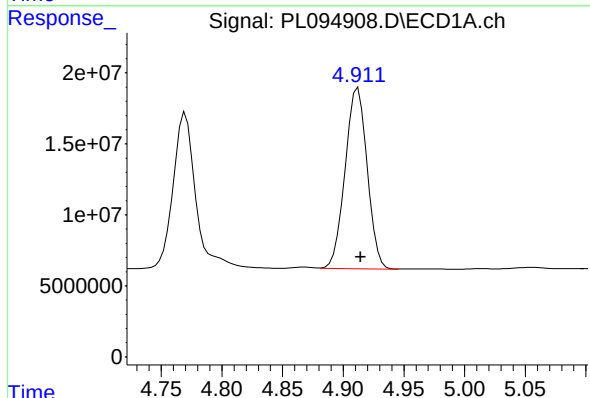
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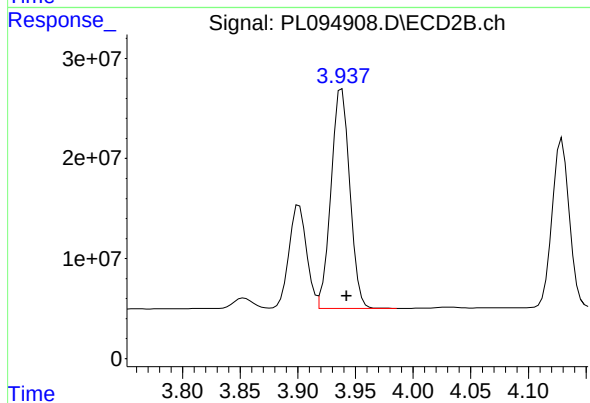
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 249100815
Conc: 48.47 ng/ml



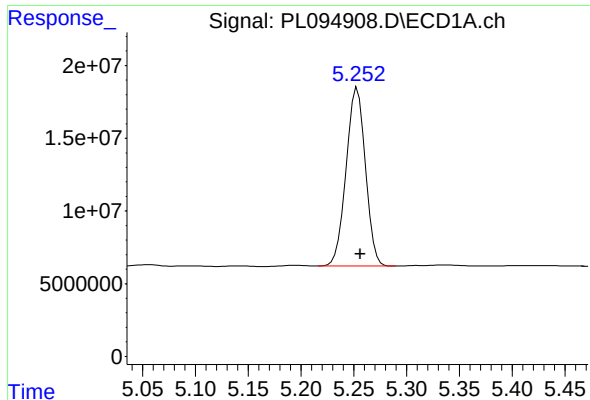
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 161464623
Conc: 41.60 ng/ml m



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 245902479
Conc: 46.67 ng/ml



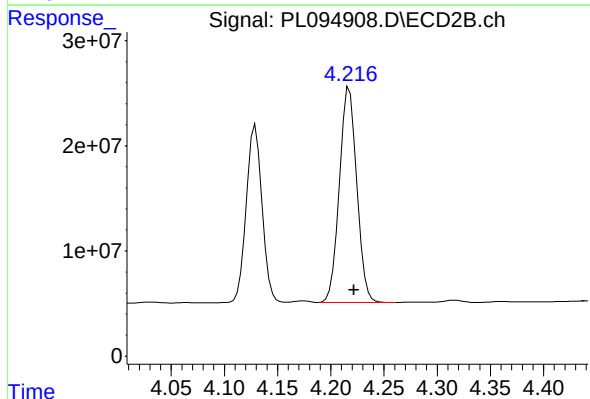
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 155704488
Conc: 42.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

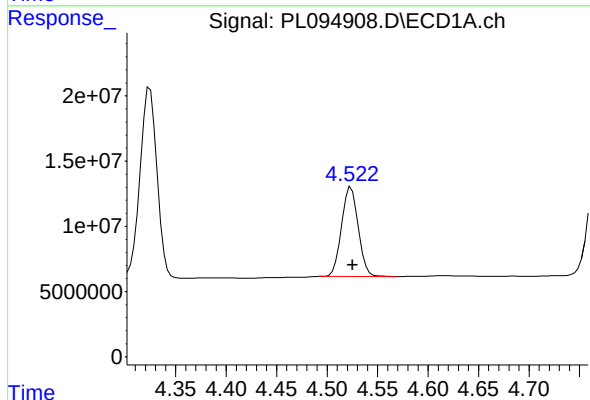
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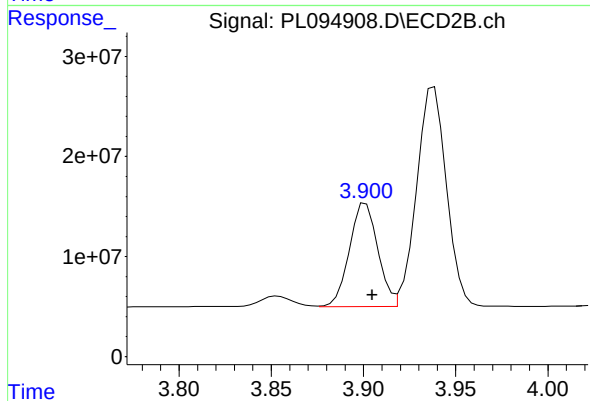
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 231768574
Conc: 47.53 ng/ml



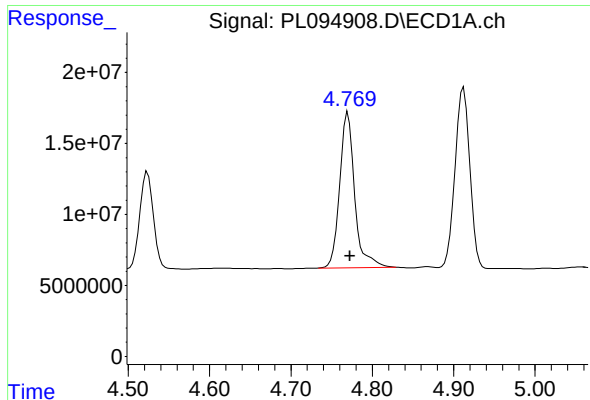
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 79054573
Conc: 42.84 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 110495660
Conc: 49.74 ng/ml



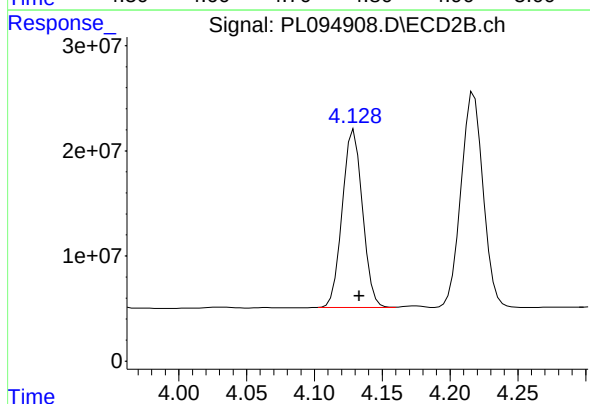
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 140382320
Conc: 36.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

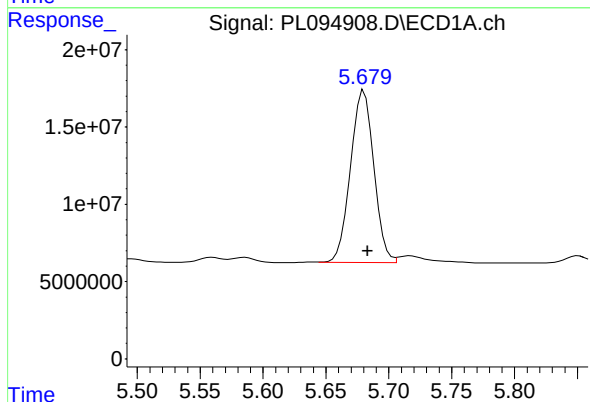
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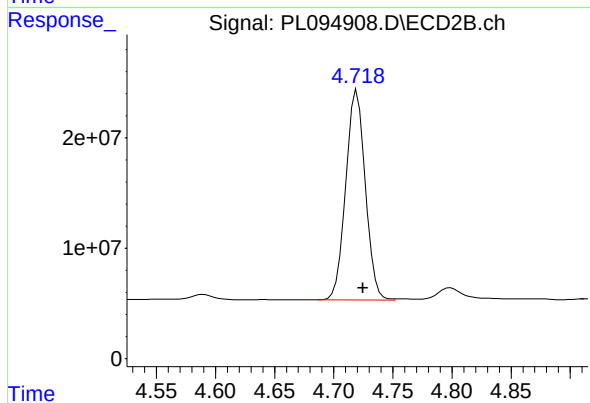
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 175297114
Conc: 35.05 ng/ml



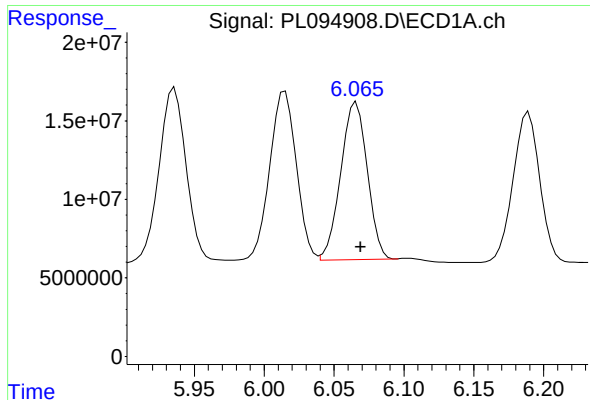
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 144030052
Conc: 43.06 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 218625236
Conc: 47.75 ng/ml



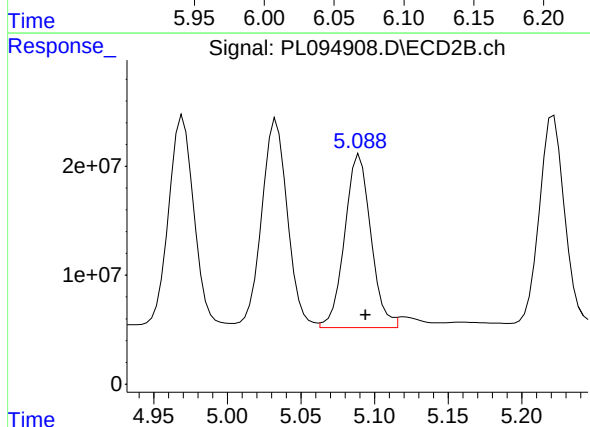
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 132535813
Conc: 43.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

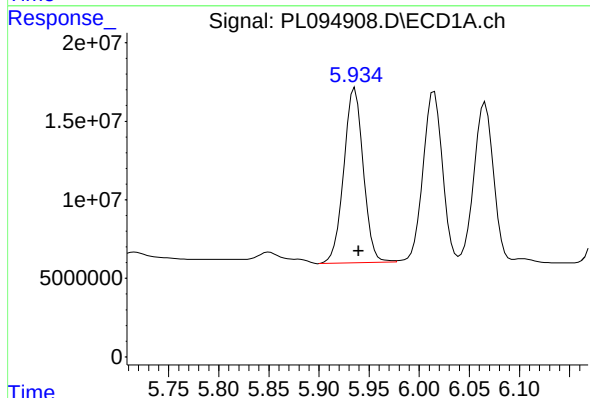
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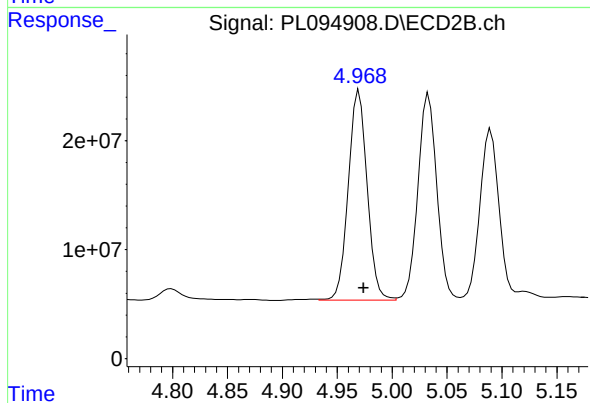
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 196643422
Conc: 44.81 ng/ml



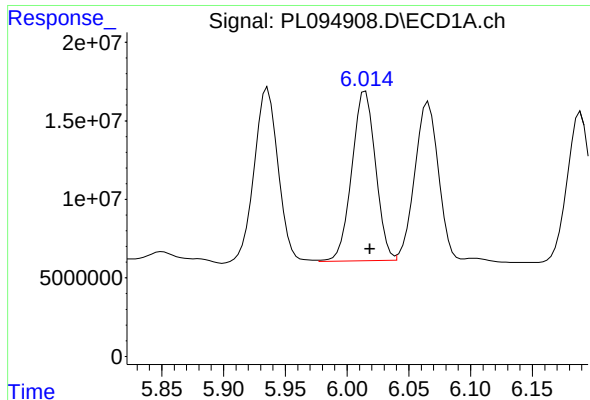
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 150523279
Conc: 44.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 230789556
Conc: 47.80 ng/ml m



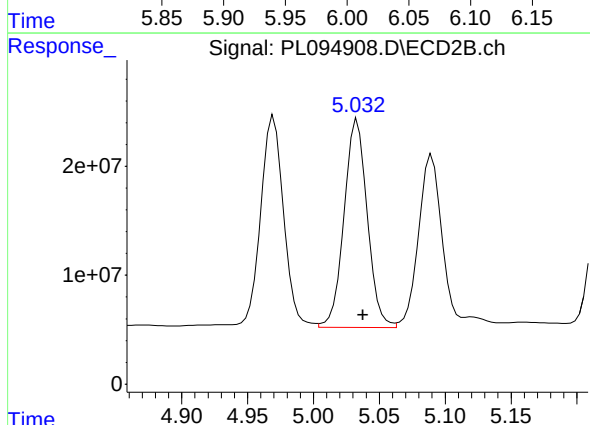
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 144164986
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

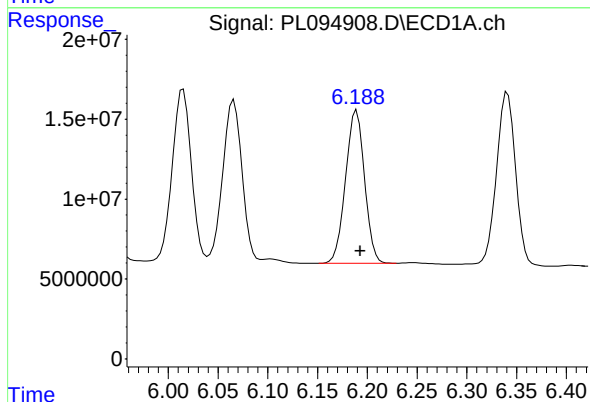
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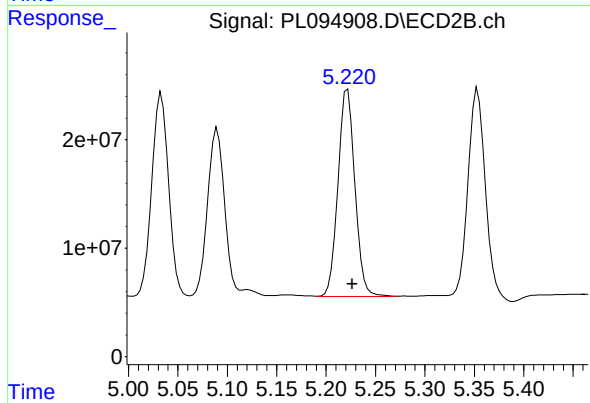
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 233925476
Conc: 49.01 ng/ml



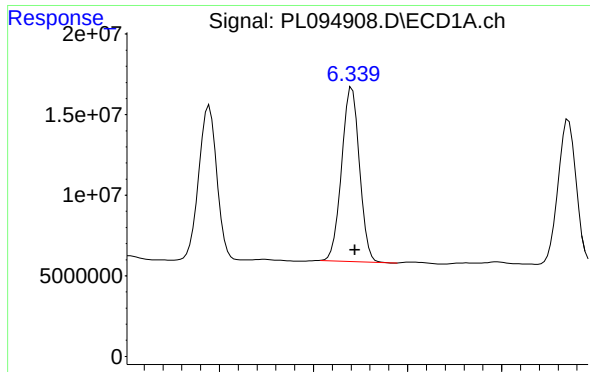
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 127280103
Conc: 43.26 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.006 min
Response: 227612589
Conc: 48.96 ng/ml m



#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 142189445
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

Manual Integrations APPROVED

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#13 Dieldrin

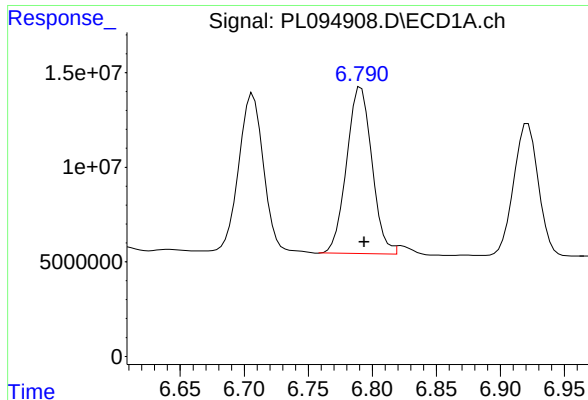
R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 227530096
Conc: 46.90 ng/ml m

#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 125611293
Conc: 45.31 ng/ml

#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 206710344
Conc: 47.37 ng/ml



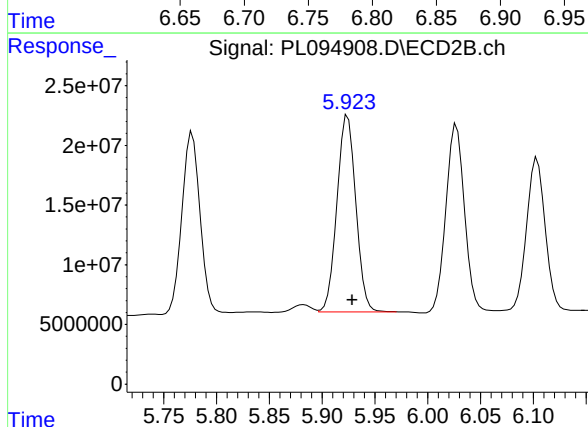
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 121707299
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

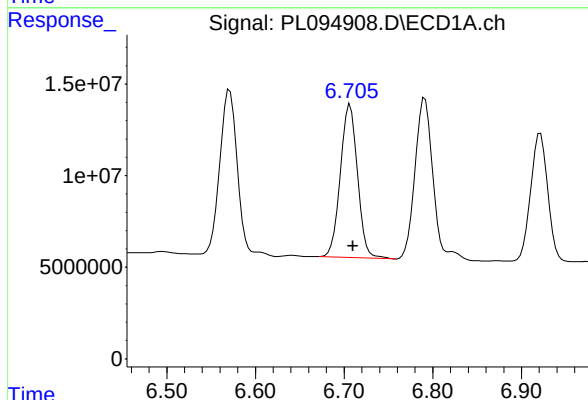
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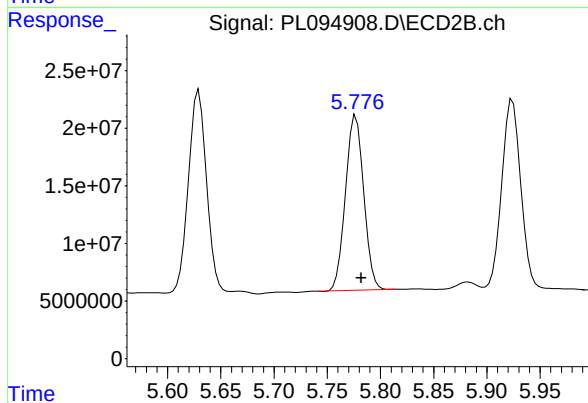
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 205395800
Conc: 47.45 ng/ml m



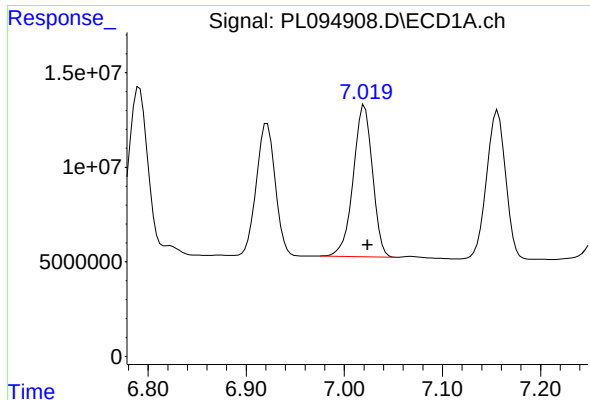
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 112429719
Conc: 51.90 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 180210849
Conc: 50.12 ng/ml



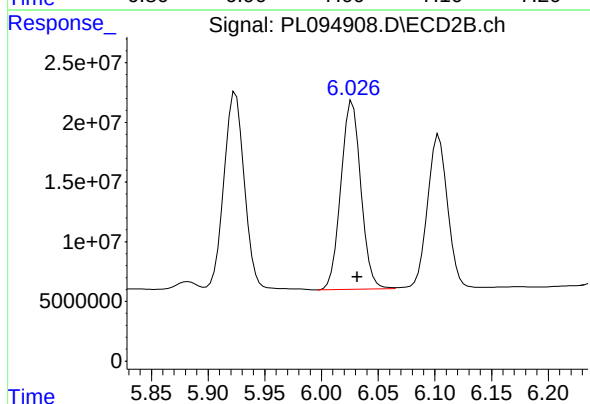
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 109039929
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

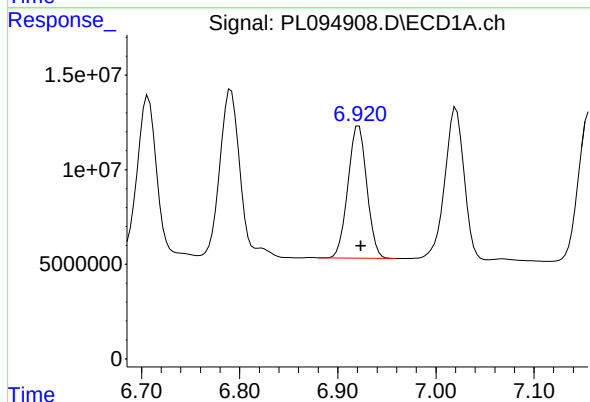
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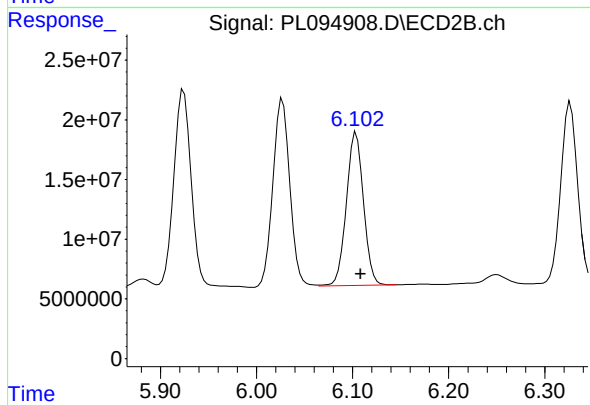
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 193608688
Conc: 48.02 ng/ml



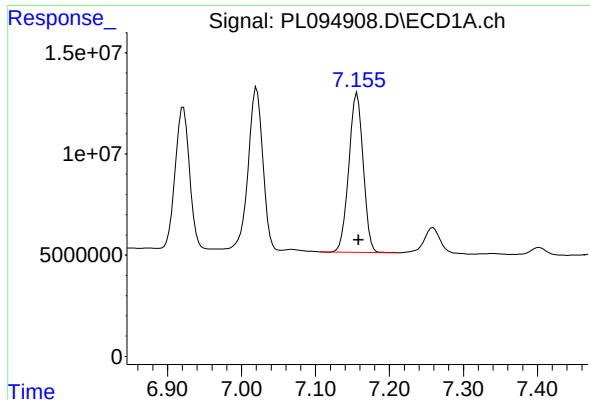
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 93476456
Conc: 44.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 158058451
Conc: 46.97 ng/ml



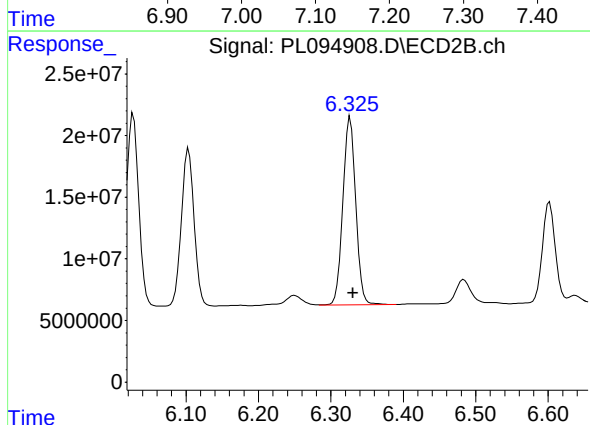
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 106013706
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

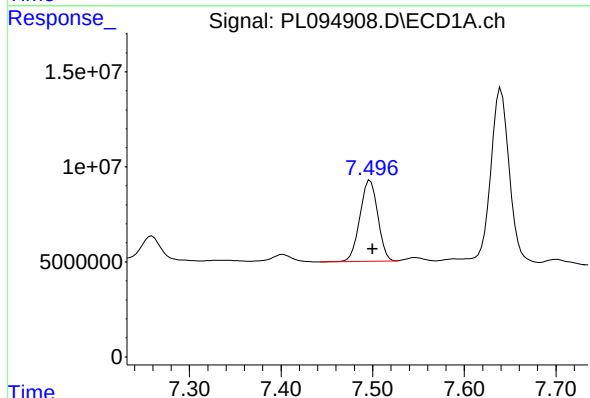
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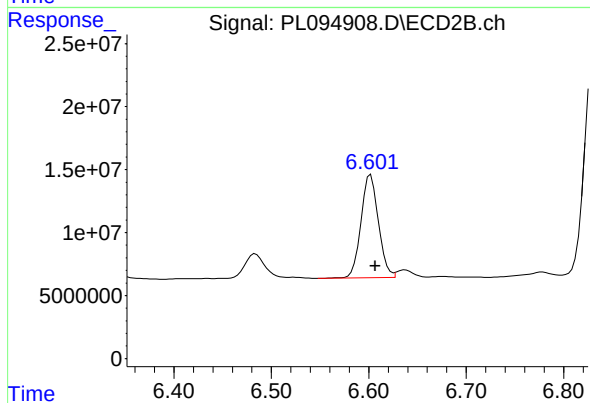
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 188115720
Conc: 46.18 ng/ml



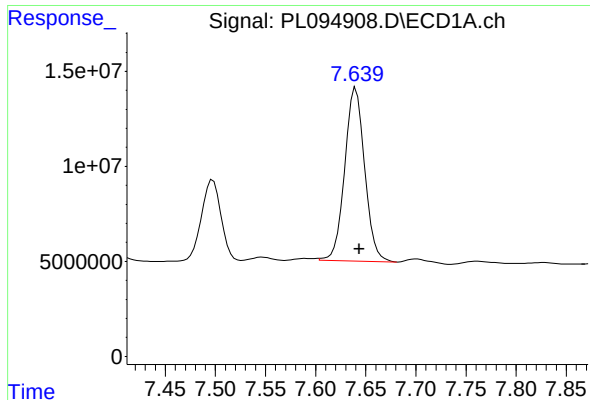
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 57469465
Conc: 48.01 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 102068225
Conc: 48.12 ng/ml



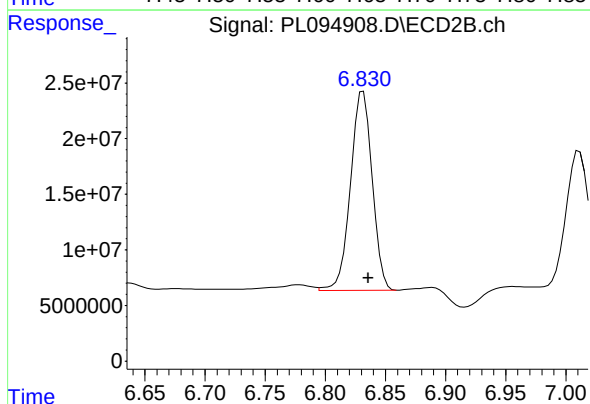
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 126246363
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

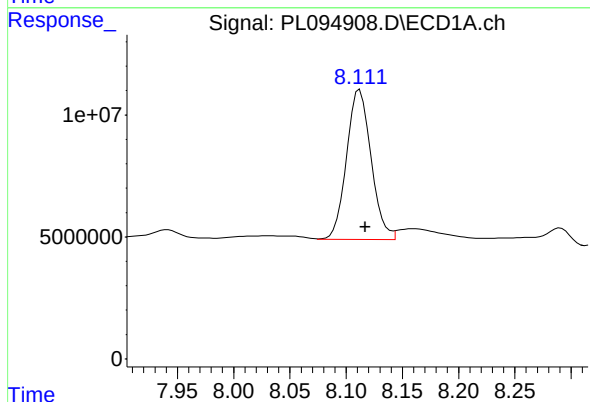
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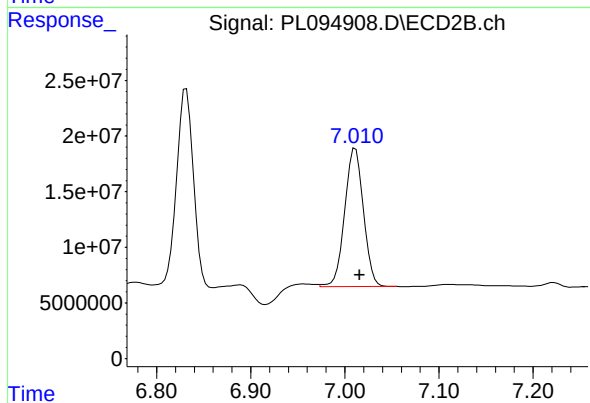
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 224692951
Conc: 47.08 ng/ml m



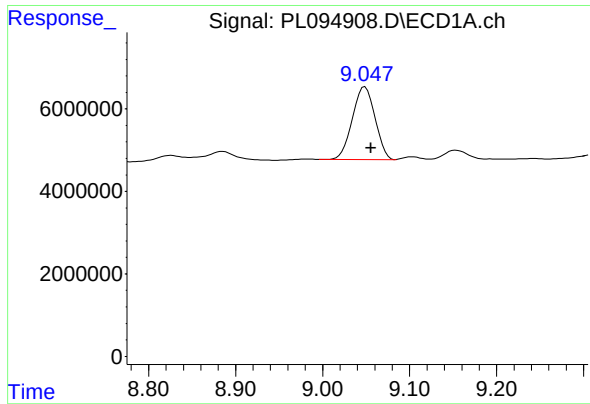
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 93498310
Conc: 45.25 ng/ml m



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 171702714
Conc: 45.24 ng/ml m



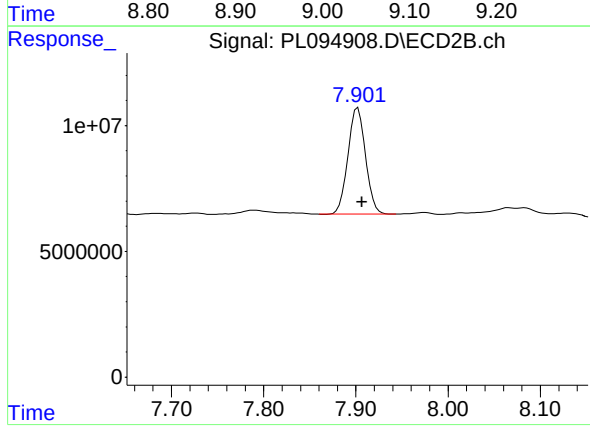
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 32004913
Conc: 15.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 55685369
Conc: 13.79 ng/ml