

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096622.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:22
 Operator : AR\AJ
 Sample : Q2709-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 7211935-295MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:51:33 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...	3.533	2.827	37042211	55422220	11.646m	11.600
28)	SA Decachlor...	9.017	7.992	32134065	59381298	13.475	13.688
Target Compounds							
2)	A alpha-BHC	3.982	3.332	209.0E6	297.8E6	45.180	42.084
3)	MA gamma-BHC...	4.311	3.664	191.7E6	270.1E6	43.331	40.897
4)	MA Heptachlor	4.903	4.013	181.2E6	265.3E6	43.607	39.822
5)	MB Aldrin	5.243	4.296	180.8E6	244.5E6	42.028	39.390
6)	B beta-BHC	4.497	3.961	79850923	110.5E6	44.240	39.170
7)	B delta-BHC	4.742	4.194	177.0E6	257.0E6	44.362m	39.701
8)	B Heptachlo...	5.663	4.798	171.0E6	228.4E6	44.349	39.992
9)	A Endosulfan I	6.044	5.169	159.9E6	218.0E6	44.474	39.402
10)	B gamma-Chl...	5.916	5.050	170.6E6	237.9E6	44.833	40.455
11)	B alpha-Chl...	5.997	5.114	170.1E6	232.1E6	44.135	39.340
12)	B 4,4'-DDE	6.167	5.303	138.9E6	224.0E6	43.259	40.623
13)	MA Dieldrin	6.316	5.434	166.8E6	243.1E6	44.952	41.165
14)	MA Endrin	6.543	5.708	142.7E6	233.9E6	47.131	43.274
15)	B Endosulfa...	6.755	6.000	144.7E6	227.1E6	45.183	44.209
16)	A 4,4'-DDD	6.675	5.855	117.2E6	199.2E6	46.339	42.332
17)	MA 4,4'-DDT	6.990	6.108	137.7E6	220.5E6	48.015	43.591
18)	B Endrin al...	6.884	6.179	112.5E6	182.0E6	52.447	48.926
19)	B Endosulfa...	7.118	6.402	137.0E6	235.1E6	47.670	46.214
20)	A Methoxychlor	7.463	6.680	75439028	130.2E6	51.377	47.505m
21)	B Endrin ke...	7.598	6.907	146.7E6	262.2E6	48.791	47.077
22)	Mirex	8.077	7.097	126.0E6	206.1E6	50.805	47.269

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:22
Operator : AR\AJ
Sample : Q2709-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

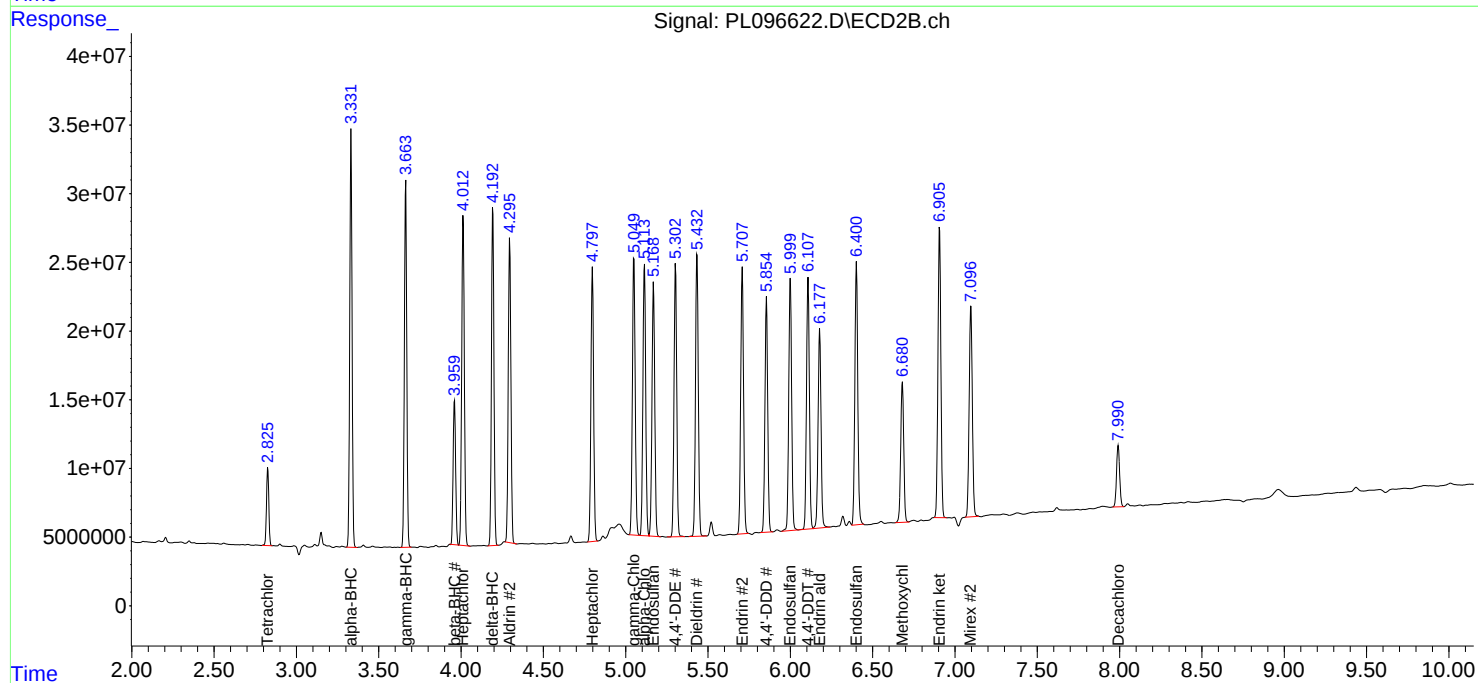
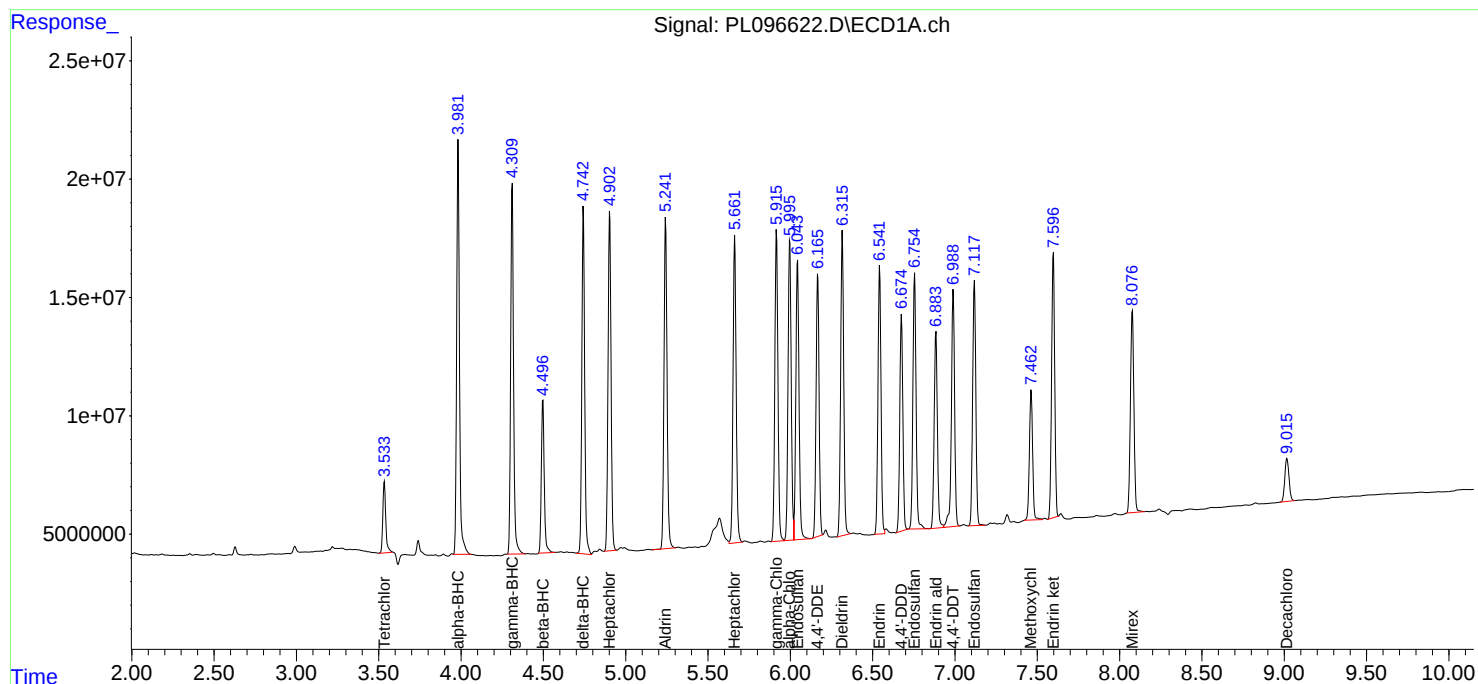
Instrument :
ECD_L
ClientSampleId :
7211935-295MS

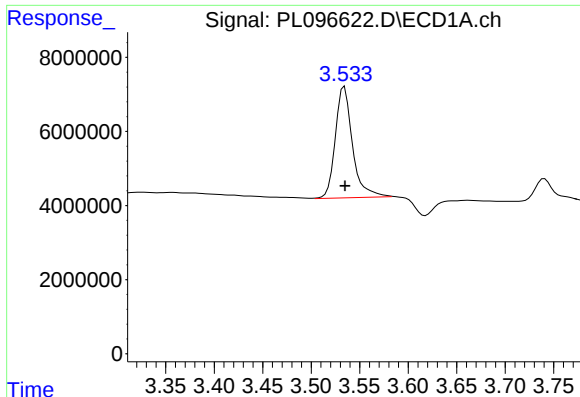
Manual Integrations
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Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:51:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





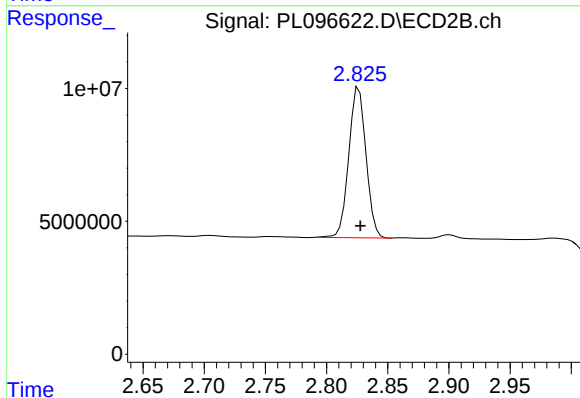
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 37042211
Conc: 11.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

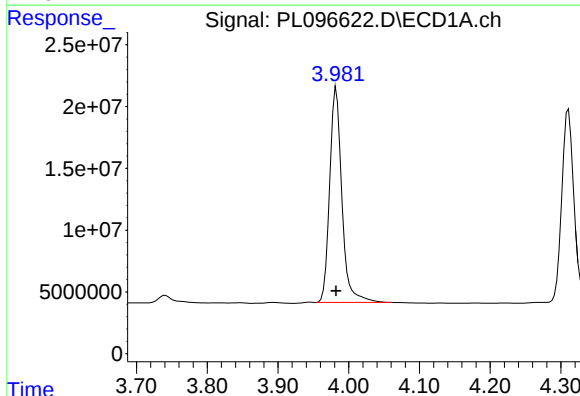
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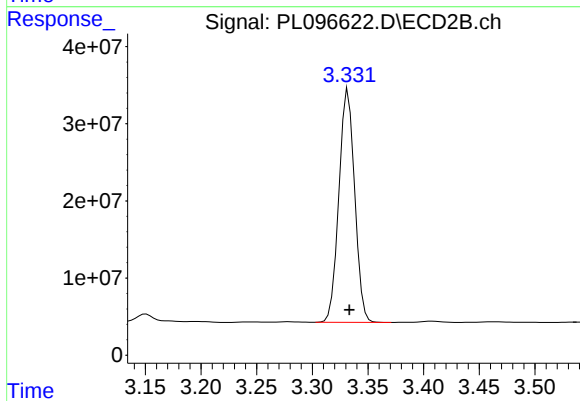
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 55422220
Conc: 11.60 ng/ml



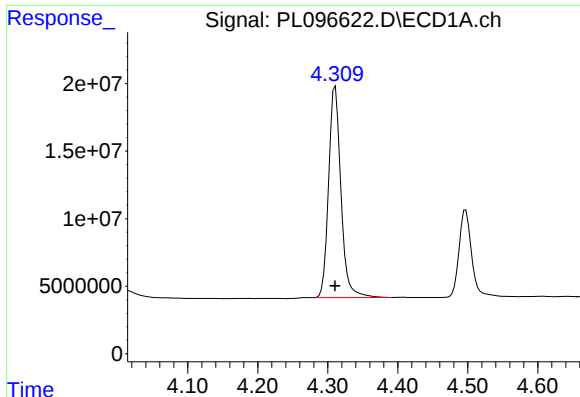
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 209018549
Conc: 45.18 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 297831741
Conc: 42.08 ng/ml



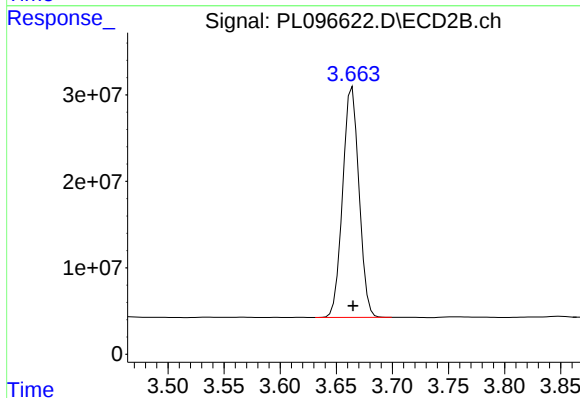
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 191674424
Conc: 43.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

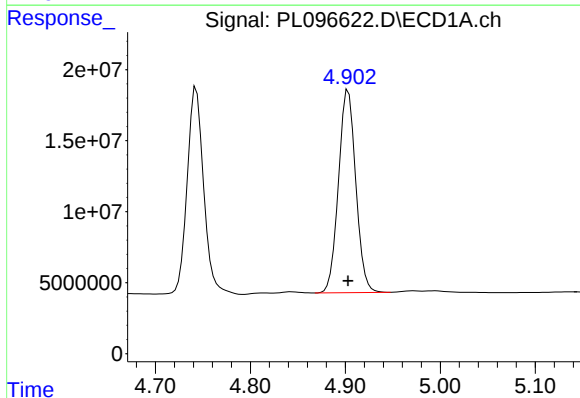
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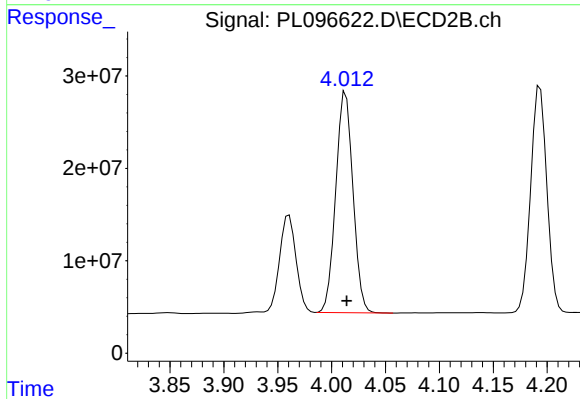
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 270060538
Conc: 40.90 ng/ml



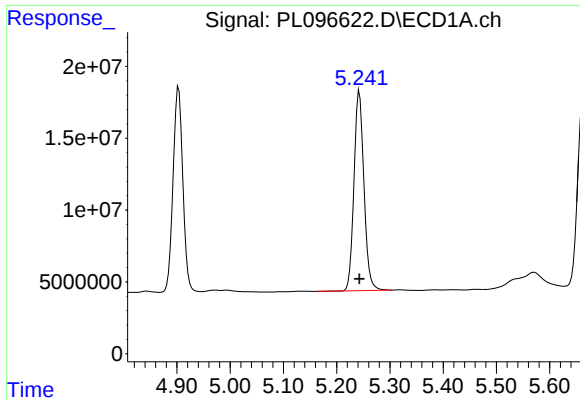
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 181215564
Conc: 43.61 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 265292448
Conc: 39.82 ng/ml



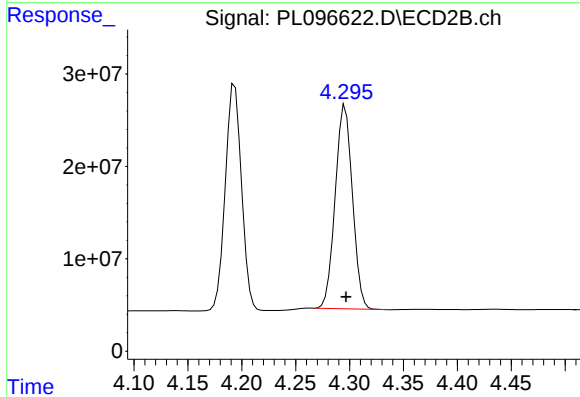
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 180762563
Conc: 42.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

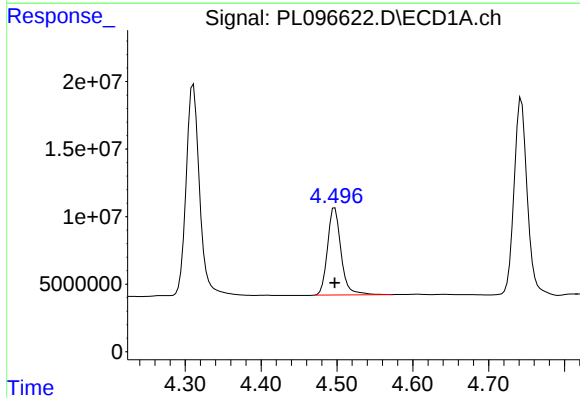
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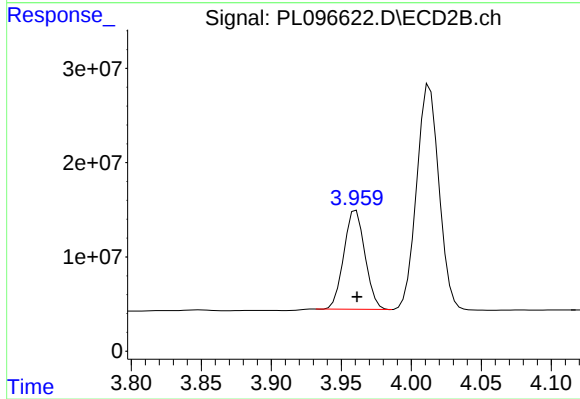
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 244495053
Conc: 39.39 ng/ml



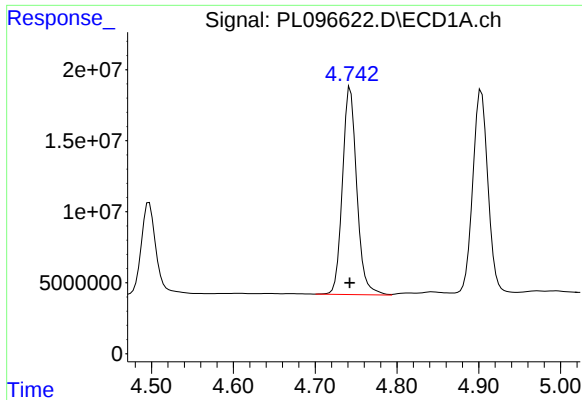
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 79850923
Conc: 44.24 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 110494177
Conc: 39.17 ng/ml



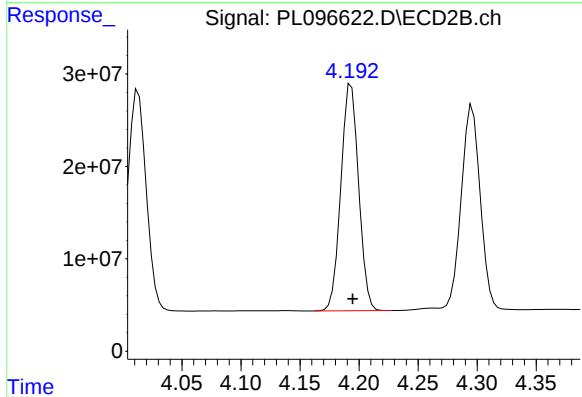
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 176996746
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

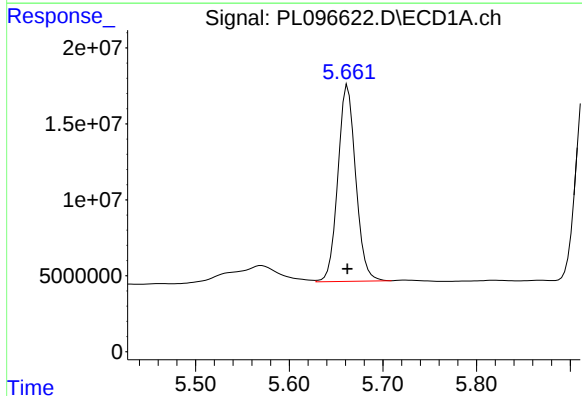
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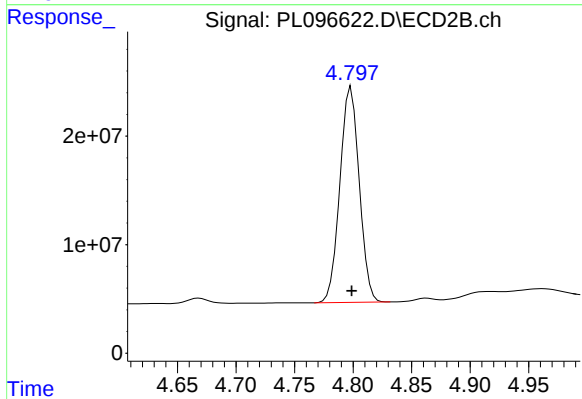
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.001 min
Response: 257010079
Conc: 39.70 ng/ml



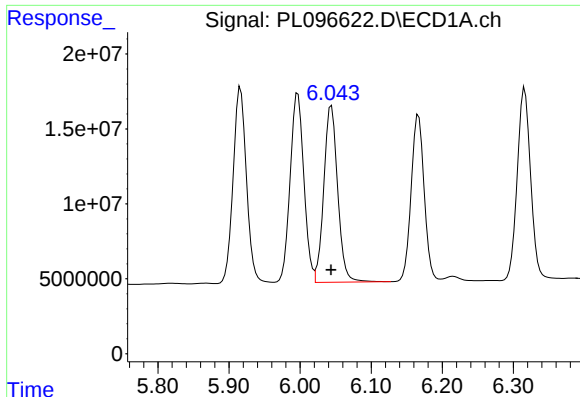
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 171032212
Conc: 44.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 228410074
Conc: 39.99 ng/ml



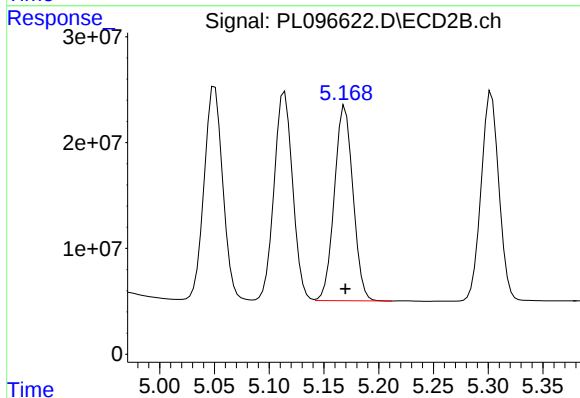
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 159945995
Conc: 44.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

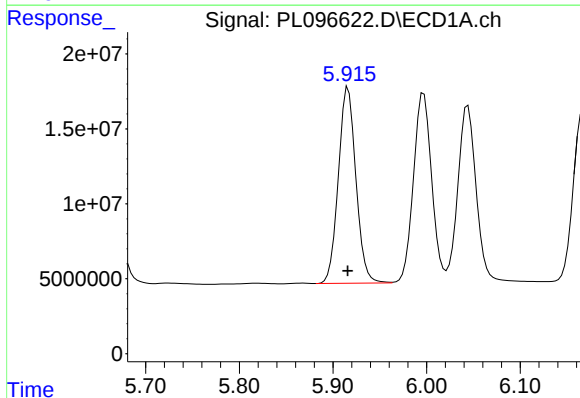
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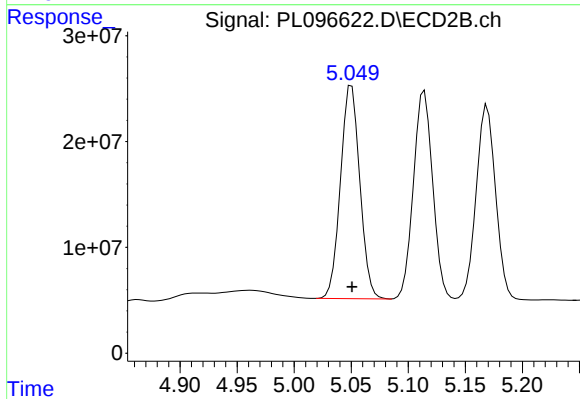
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 217950180
Conc: 39.40 ng/ml



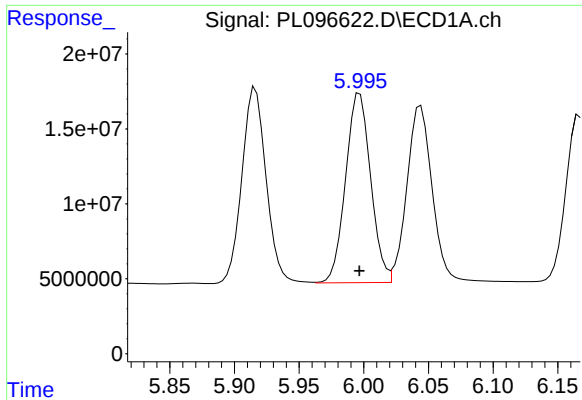
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 170601720
Conc: 44.83 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 237880522
Conc: 40.46 ng/ml



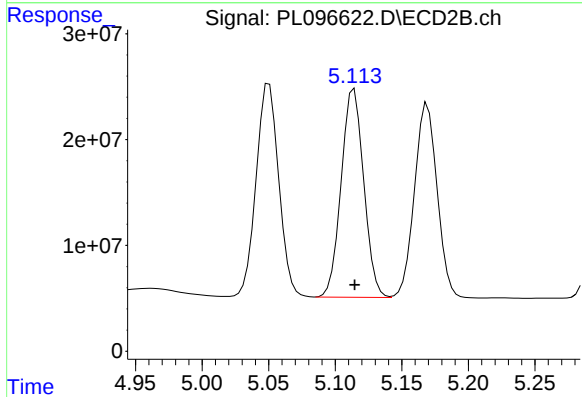
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 170125339
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

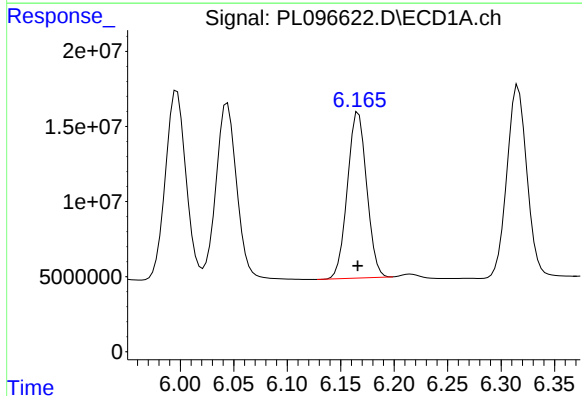
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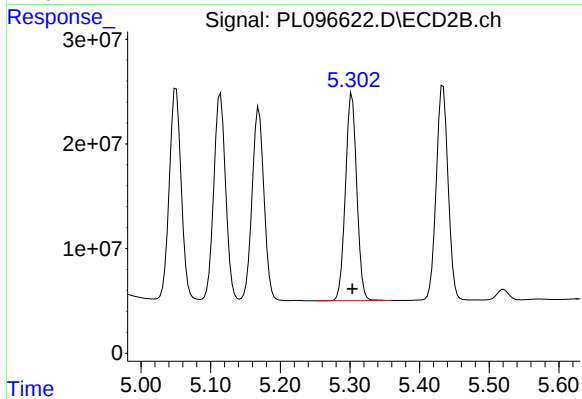
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 232061169
Conc: 39.34 ng/ml



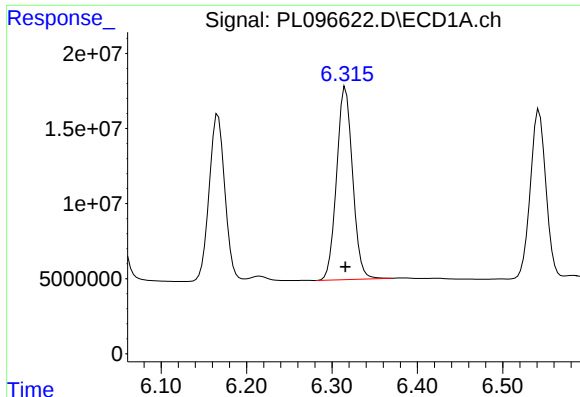
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 138914417
Conc: 43.26 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 224013386
Conc: 40.62 ng/ml



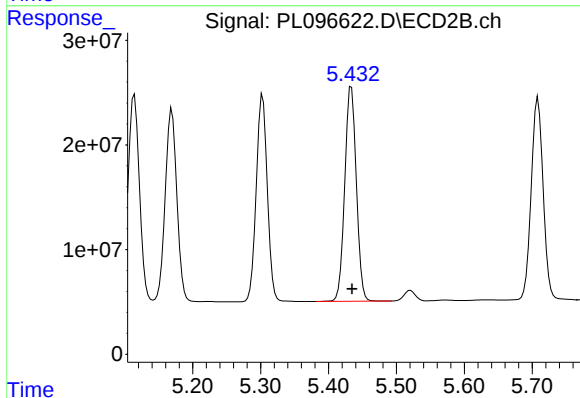
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 166824839
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

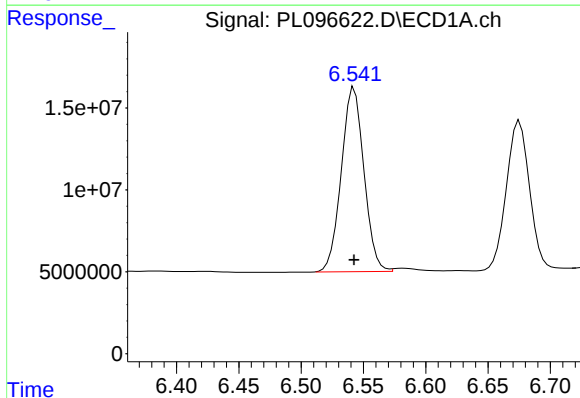
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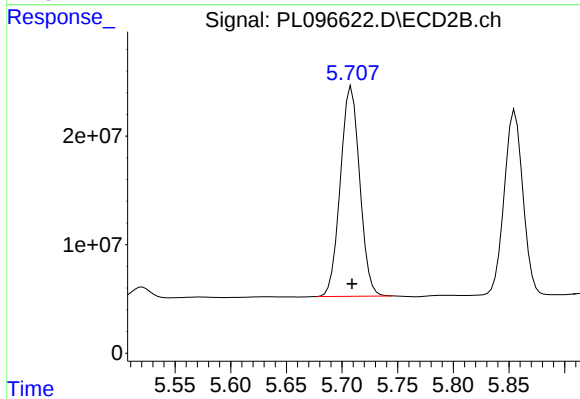
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 243140281
Conc: 41.16 ng/ml



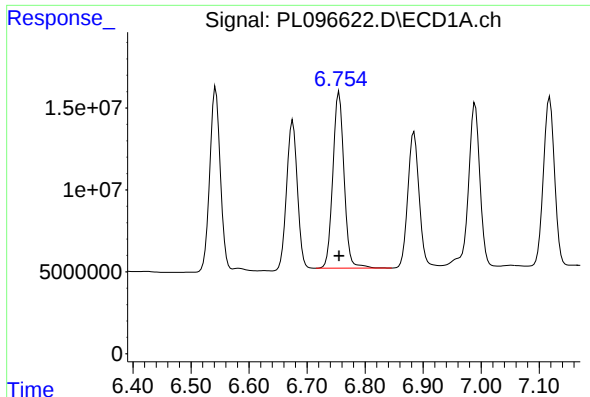
#14 Endrin

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 142655932
Conc: 47.13 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 233939865
Conc: 43.27 ng/ml



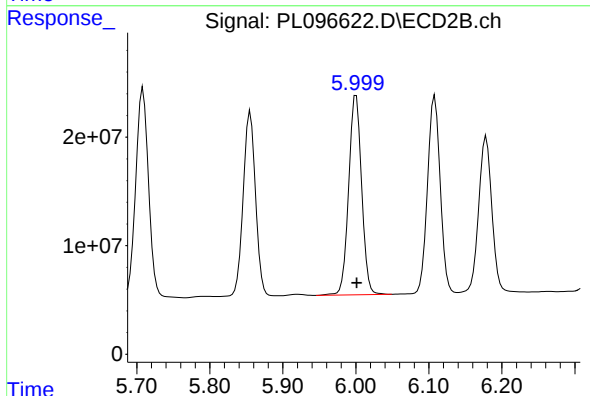
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 144706070
Conc: 45.18 ng/ml

Instrument :
ECD_L
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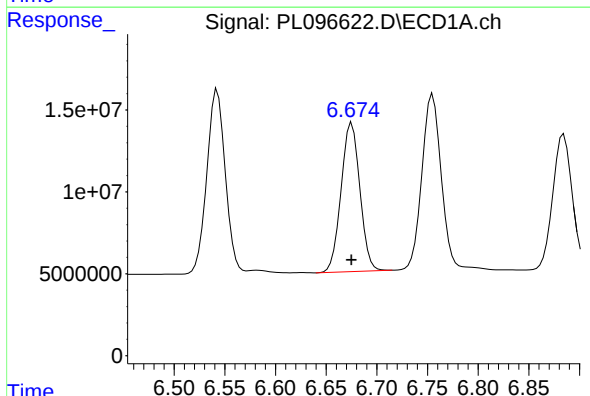
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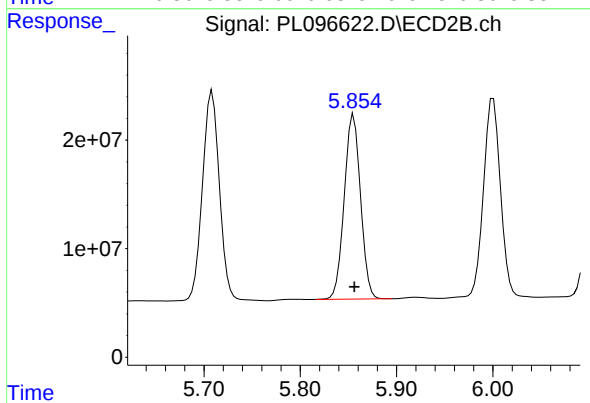
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 227066135
Conc: 44.21 ng/ml



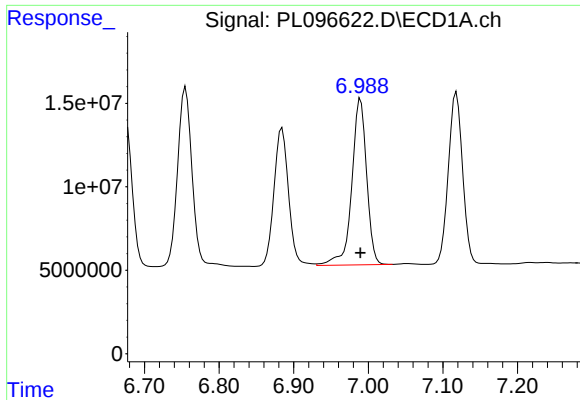
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 117162588
Conc: 46.34 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 199183979
Conc: 42.33 ng/ml



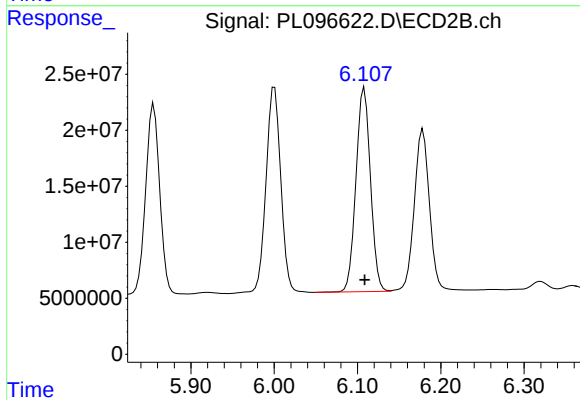
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 137690933
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

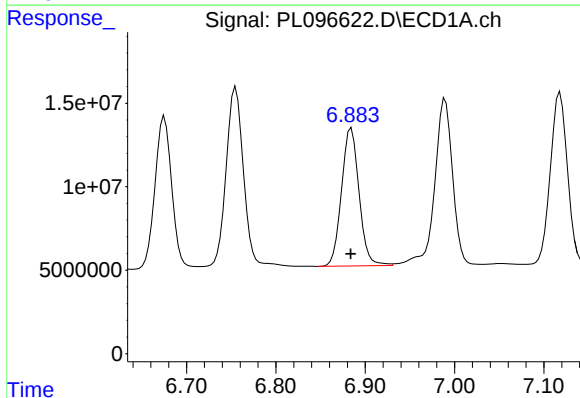
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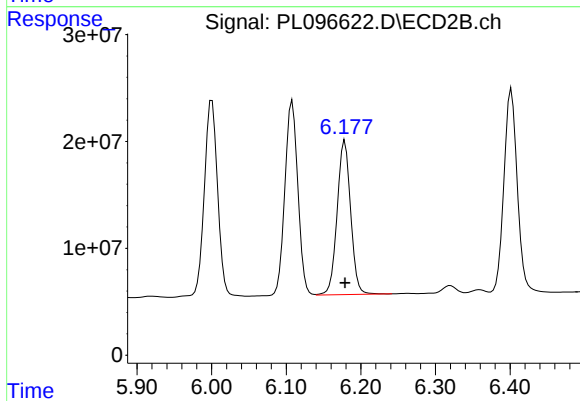
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 220494619
Conc: 43.59 ng/ml



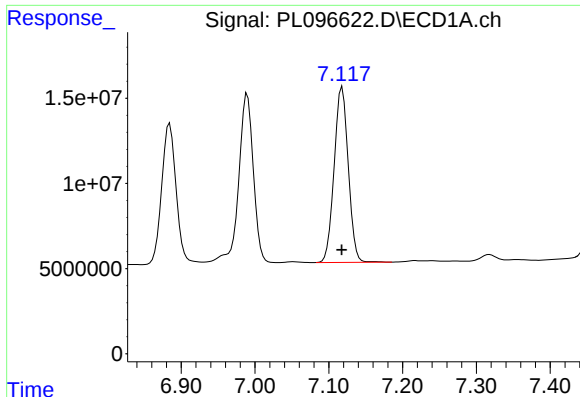
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 112547293
Conc: 52.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 181954622
Conc: 48.93 ng/ml



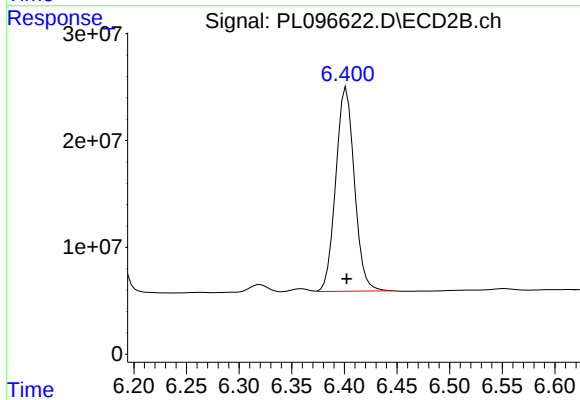
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: 0.000 min
Response: 136989078
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

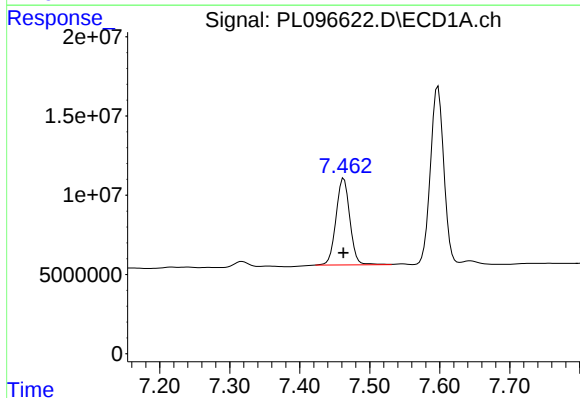
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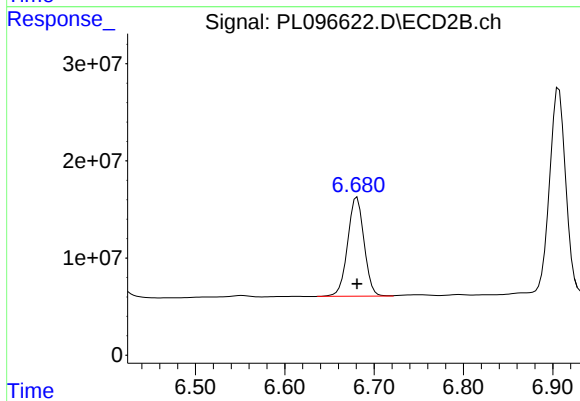
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 235053527
Conc: 46.21 ng/ml



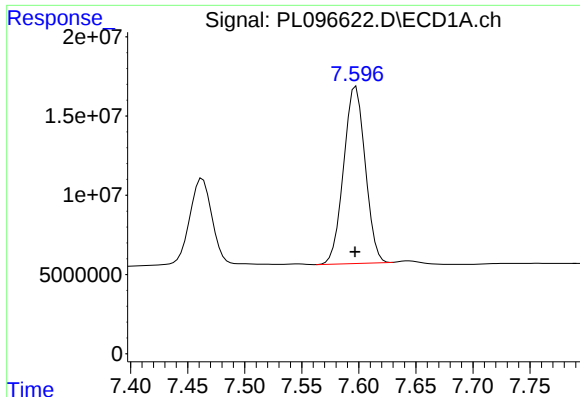
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 75439028
Conc: 51.38 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: -0.001 min
Response: 130186652
Conc: 47.50 ng/ml m



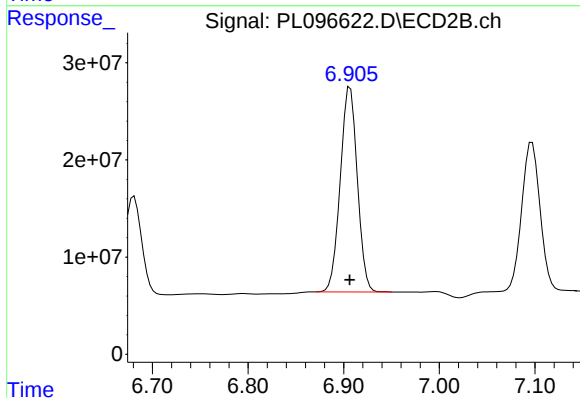
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 146702527
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

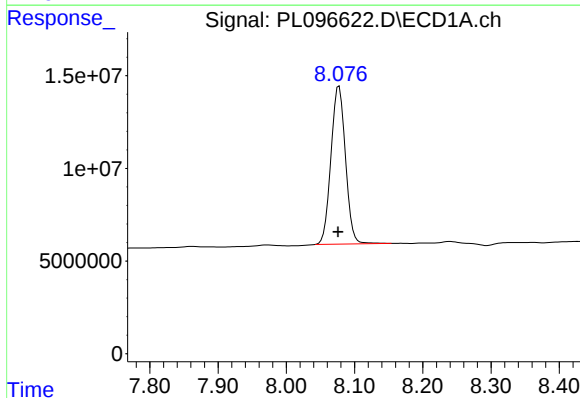
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



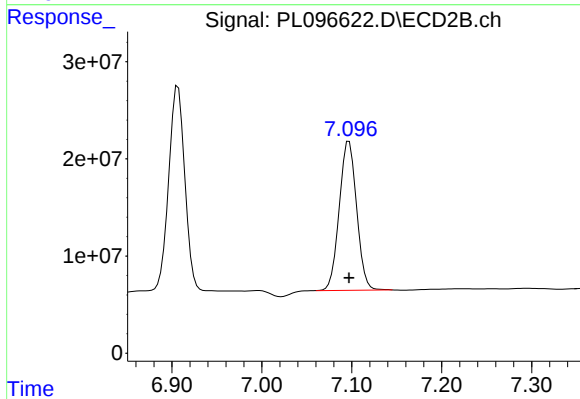
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 262204438
Conc: 47.08 ng/ml



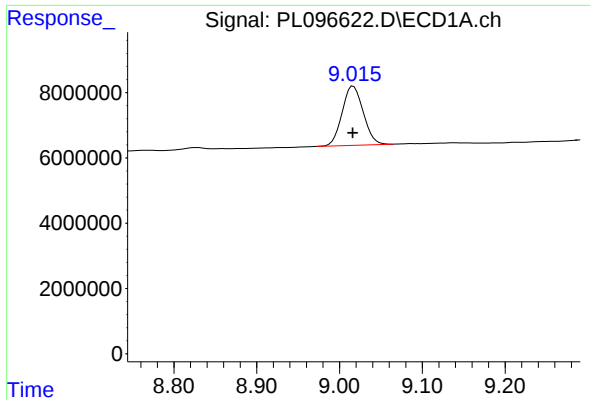
#22 Mirex

R.T.: 8.077 min
Delta R.T.: 0.002 min
Response: 125962549
Conc: 50.80 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 206135827
Conc: 47.27 ng/ml



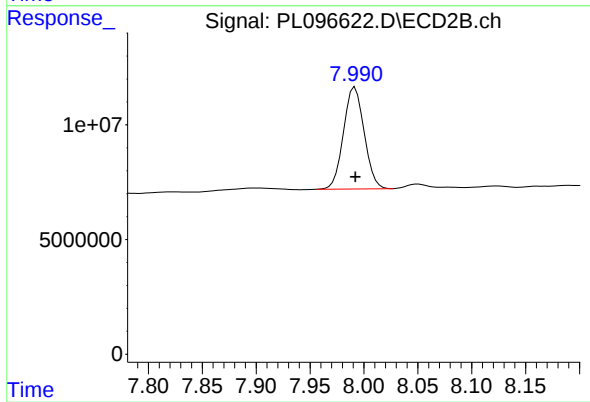
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: 0.000 min
Response: 32134065
Conc: 13.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
7211935-295MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 59381298
Conc: 13.69 ng/ml