

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080725\
 Data File : PL096736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 10:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/08/2025
 Supervised By : mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 22:39:11 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. : 2 µl
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
 Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.532	2.823	161.8E6	257.8E6	50.866	53.961
28)	SA Decachlor...	9.011	7.988	115.0E6	213.0E6	48.208	49.088
Target Compounds							
2)	A alpha-BHC	3.979	3.328	232.9E6	381.4E6	50.345	53.894
3)	MA gamma-BHC...	4.307	3.660	221.5E6	352.7E6	50.079	53.411
4)	MA Heptachlor	4.899	4.010	212.6E6	344.7E6	51.155	51.737
5)	MB Aldrin	5.238	4.292	208.2E6	325.7E6	48.407m	52.473
6)	B beta-BHC	4.494	3.957	92497923	148.7E6	51.246	52.703
7)	B delta-BHC	4.739	4.190	206.5E6	336.9E6	51.747m	52.048
8)	B Heptachlo...	5.659	4.795	200.8E6	292.9E6	52.080	51.276
9)	A Endosulfan I	6.040	5.165	167.9E6	269.0E6	46.682m	48.639
10)	B gamma-Chl...	5.912	5.046	188.7E6	315.2E6	49.594m	53.605
11)	B alpha-Chl...	5.993	5.111	193.3E6	314.7E6	50.139	53.353
12)	B 4,4'-DDE	6.164	5.298	157.9E6	278.1E6	49.179	50.432m
13)	MA Dieldrin	6.313	5.429	178.3E6	305.6E6	48.054	51.746m
14)	MA Endrin	6.538	5.705	152.7E6	274.1E6	50.458m	50.708
15)	B Endosulfa...	6.752	5.996	145.9E6	261.9E6	45.569	50.991m
16)	A 4,4'-DDD	6.671	5.853	123.5E6	233.1E6	48.859m	49.532
17)	MA 4,4'-DDT	6.987	6.104	138.8E6	248.5E6	48.403	49.125m
18)	B Endrin al...	6.881	6.175	109.4E6	195.2E6	50.992	52.732
19)	B Endosulfa...	7.115	6.398	135.6E6	254.7E6	47.180	50.086
20)	A Methoxychlor	7.459	6.676	67566312	136.7E6	46.015	49.872m
21)	B Endrin ke...	7.594	6.902	140.1E6	261.5E6	46.604	46.958
22)	Mirex	8.073	7.093	117.2E6	213.6E6	47.283	48.972

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

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Data File : PL096736.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2025 10:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

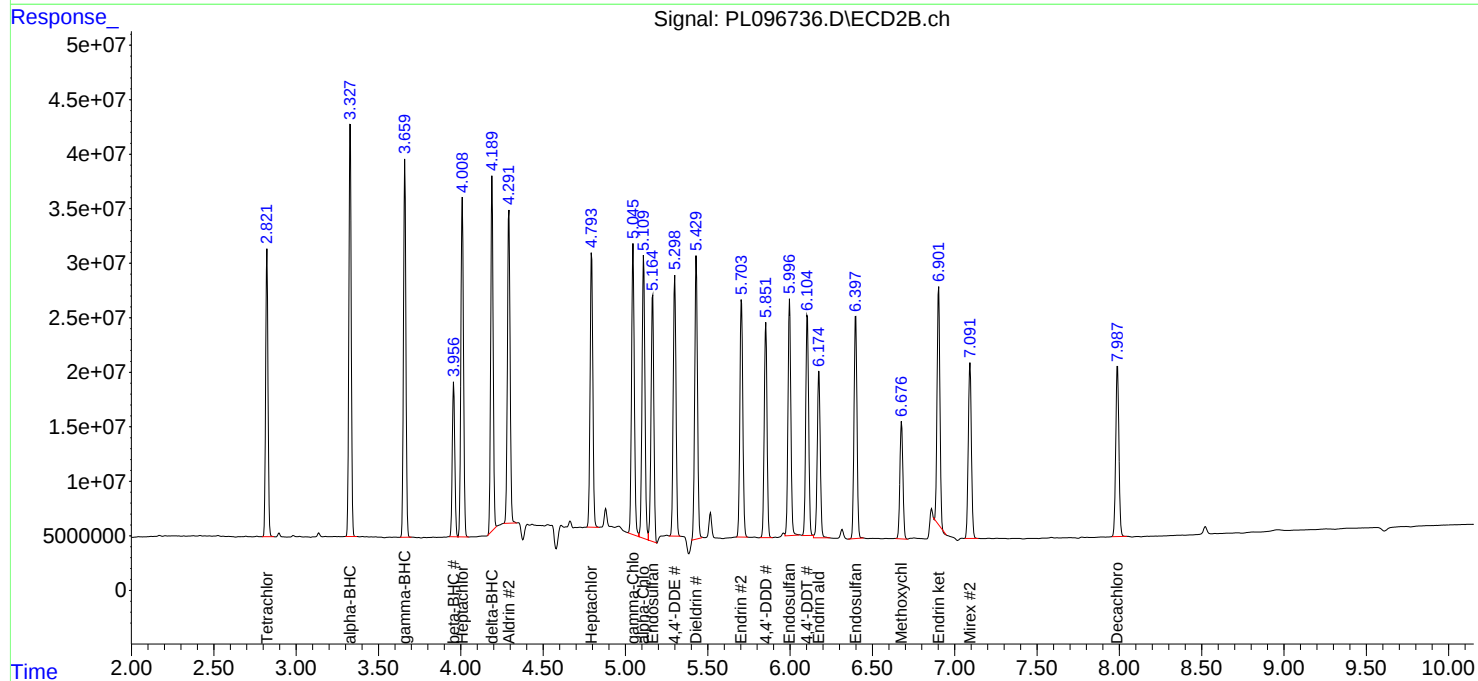
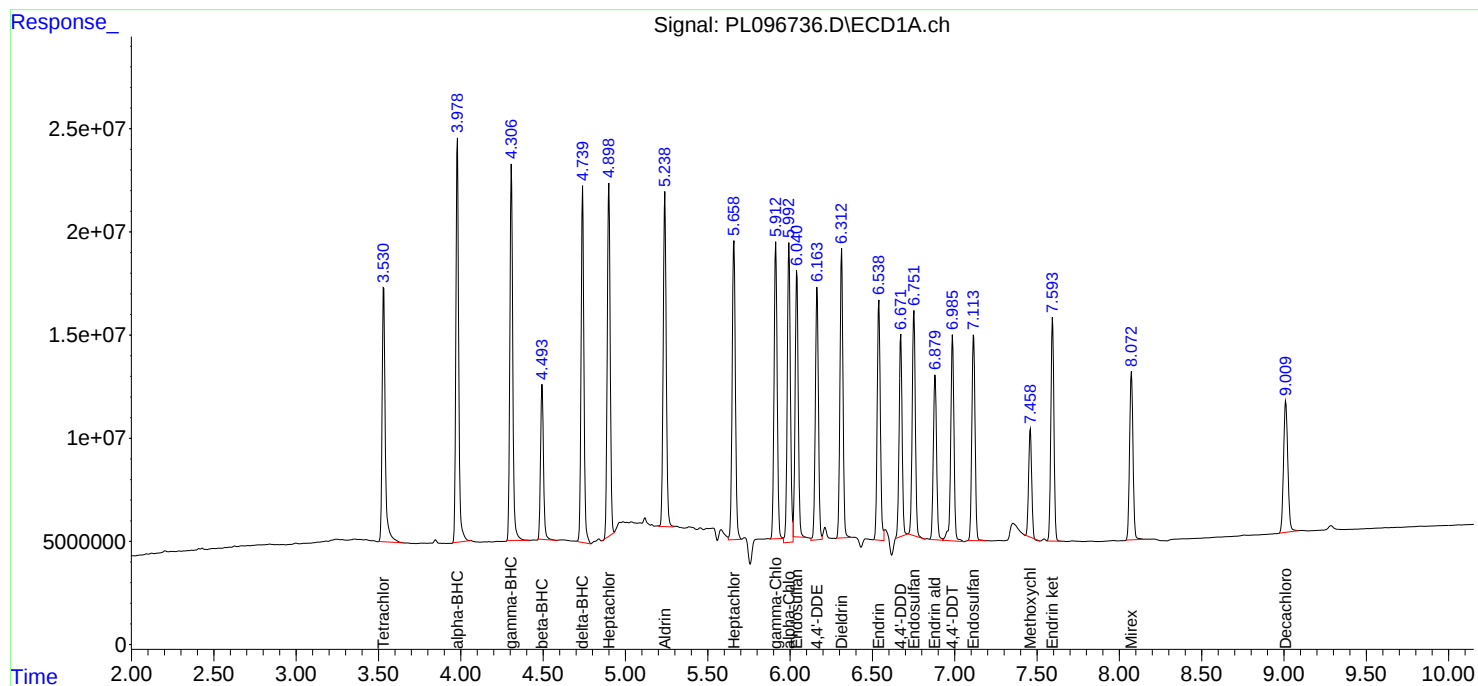
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

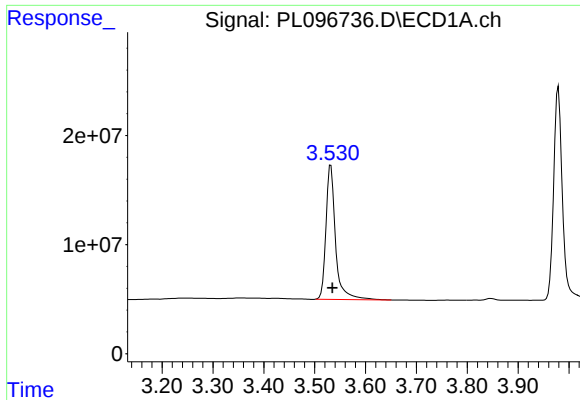
Manual Integrations
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Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 22:39:11 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. : 2 µl
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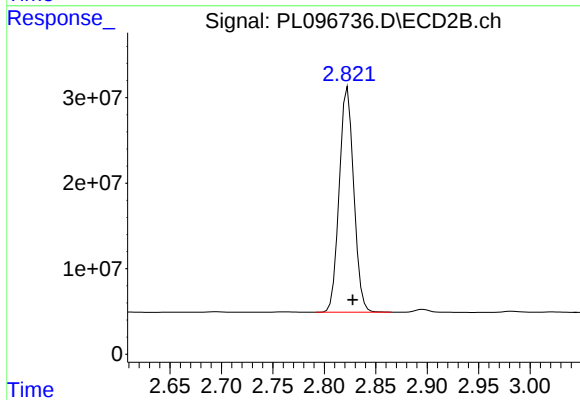
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 161792189
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

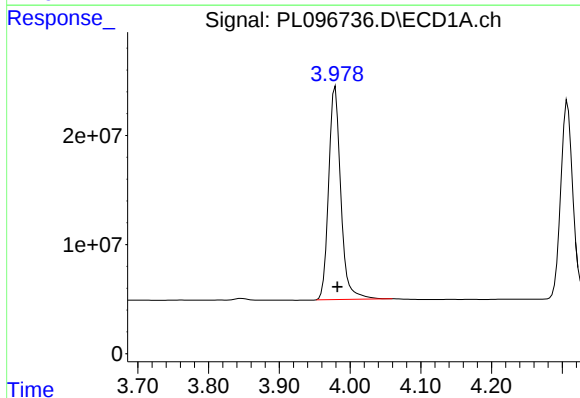
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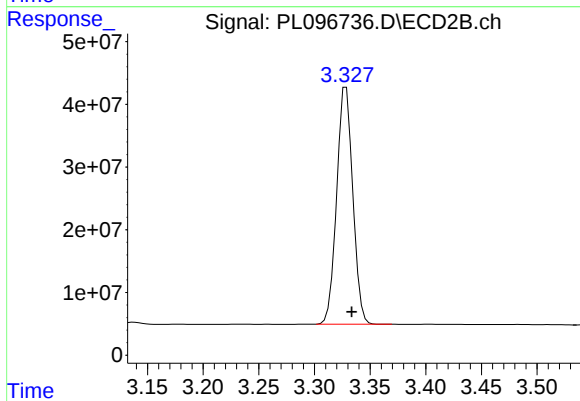
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.005 min
Response: 257812933
Conc: 53.96 ng/ml



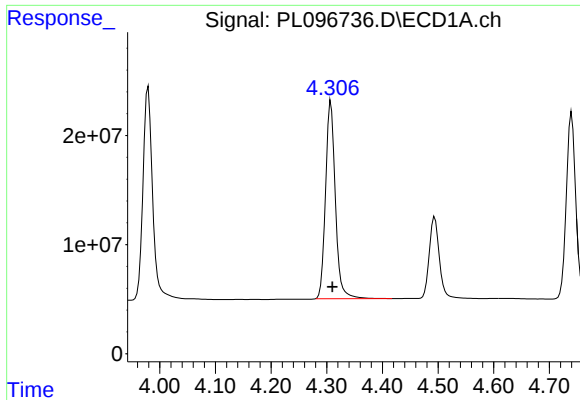
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 232915216
Conc: 50.35 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.005 min
Response: 381412513
Conc: 53.89 ng/ml



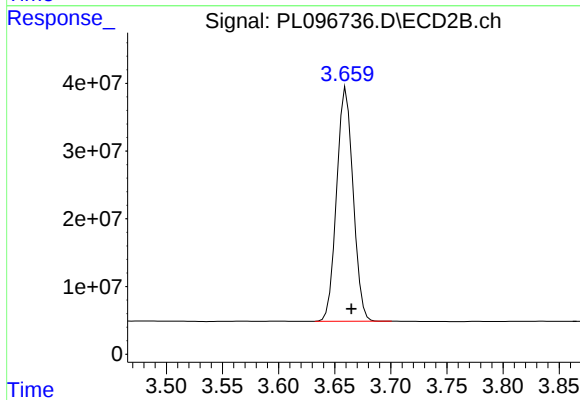
#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 221519721
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

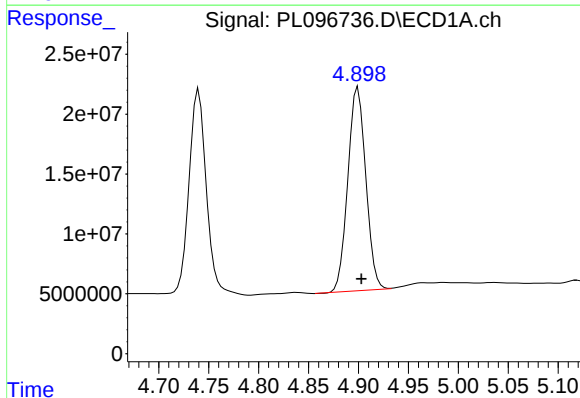
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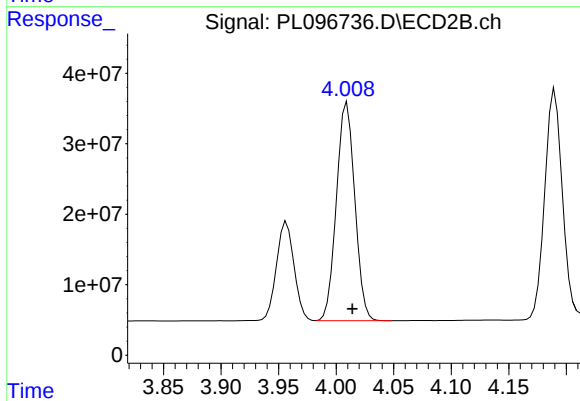
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 352690051
Conc: 53.41 ng/ml



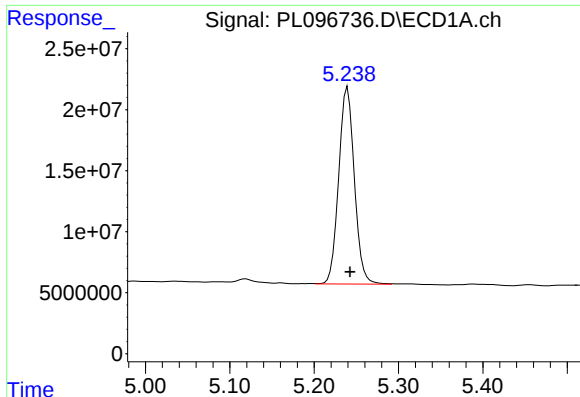
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 212586134
Conc: 51.16 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 344670984
Conc: 51.74 ng/ml



#5 Aldrin

R.T.: 5.238 min
Delta R.T.: -0.005 min
Response: 208198071
Conc: 48.41 ng/ml

Instrument :

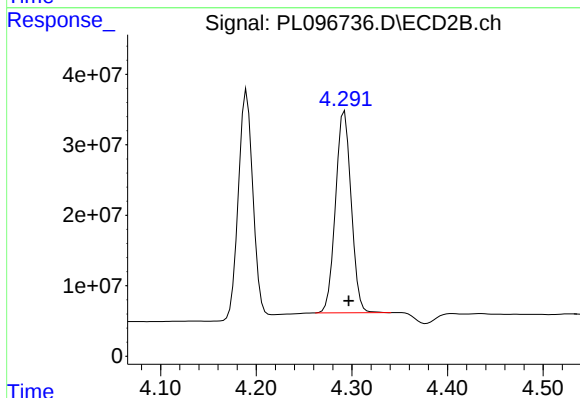
ECD_L

ClientSampleId :

PSTDCCC050

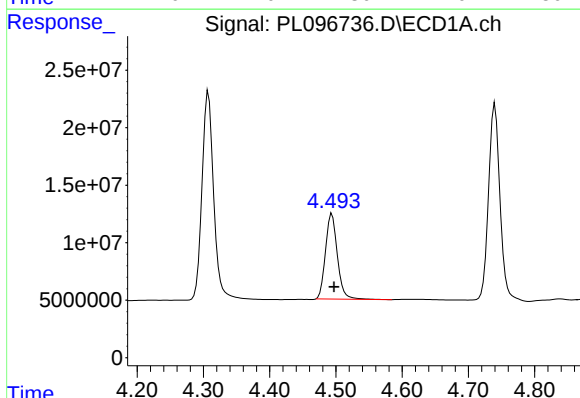
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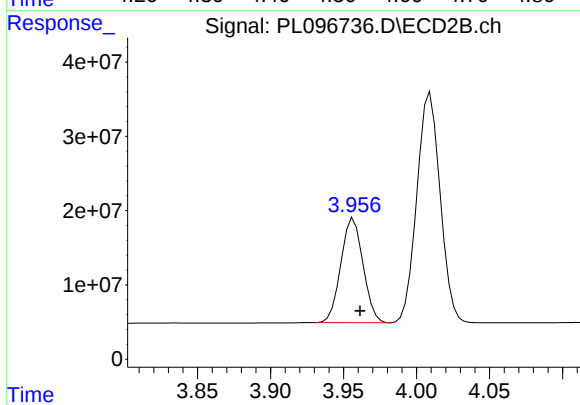
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: -0.004 min
Response: 325703288
Conc: 52.47 ng/ml



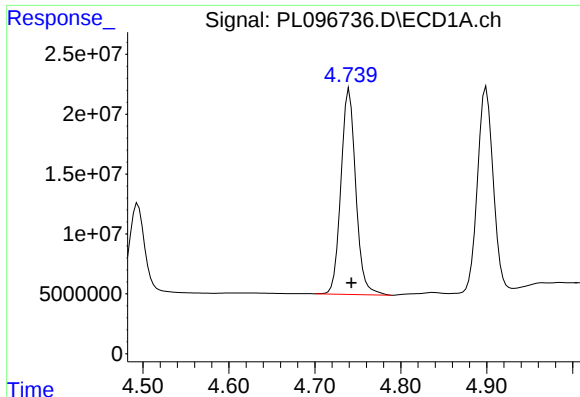
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 92497923
Conc: 51.25 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.004 min
Response: 148669188
Conc: 52.70 ng/ml



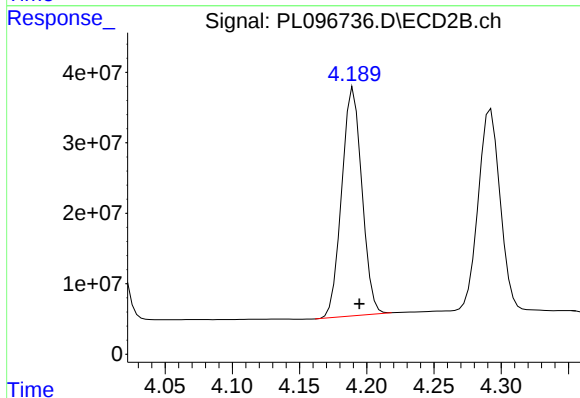
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 206461513
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

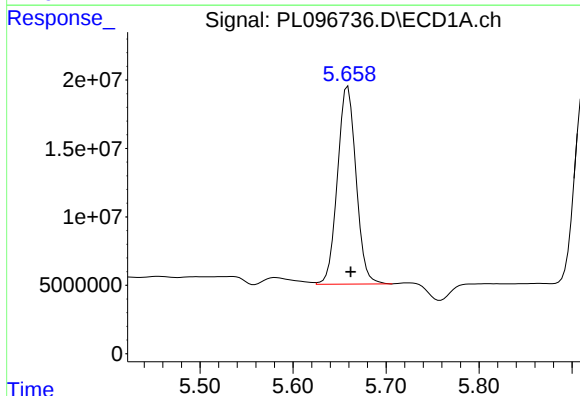
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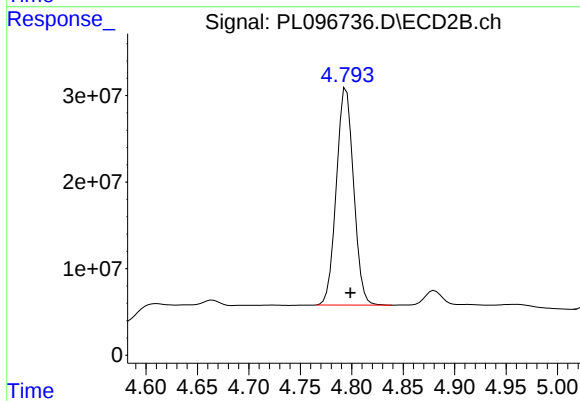
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.004 min
Response: 336939035
Conc: 52.05 ng/ml



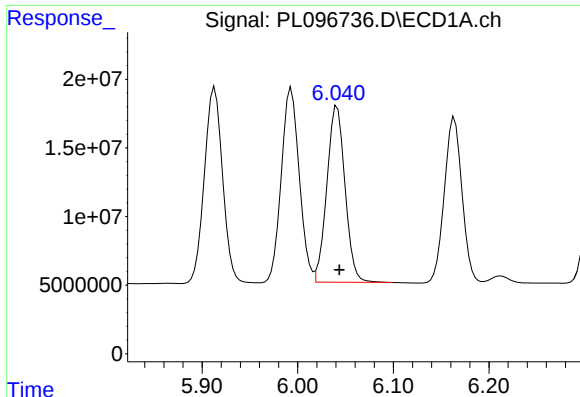
#8 Heptachlor epoxide

R.T.: 5.659 min
Delta R.T.: -0.003 min
Response: 200847335
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 292854737
Conc: 51.28 ng/ml



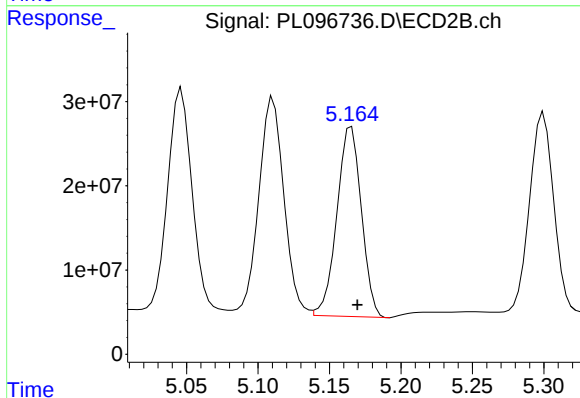
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 167884824
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

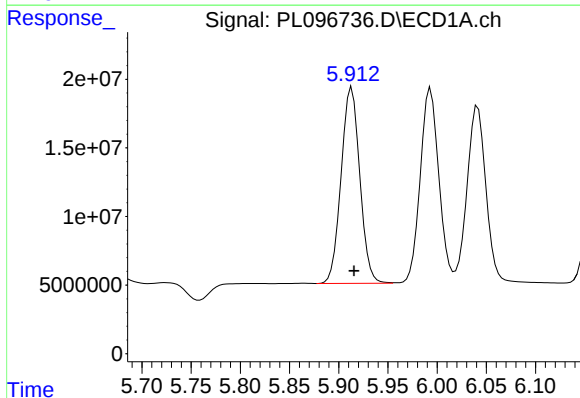
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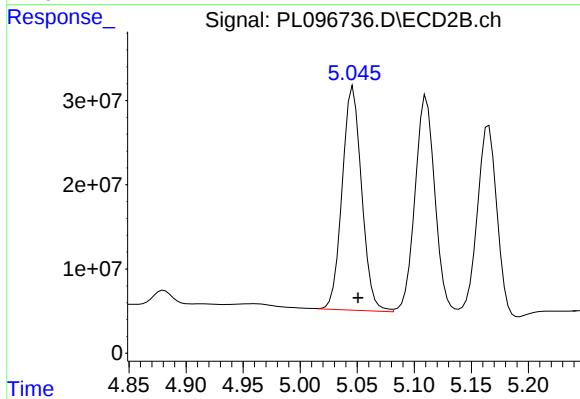
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 269040712
Conc: 48.64 ng/ml



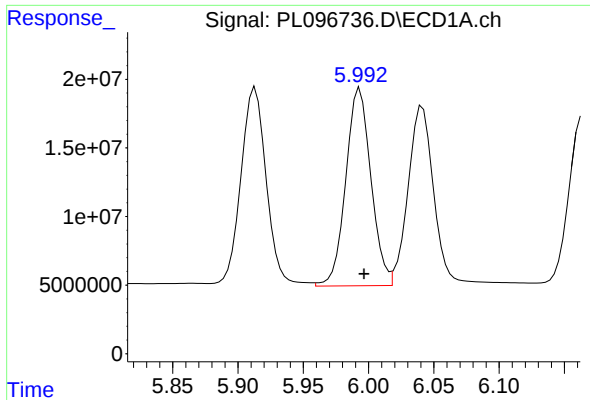
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 188716697
Conc: 49.59 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.004 min
Response: 315201309
Conc: 53.60 ng/ml



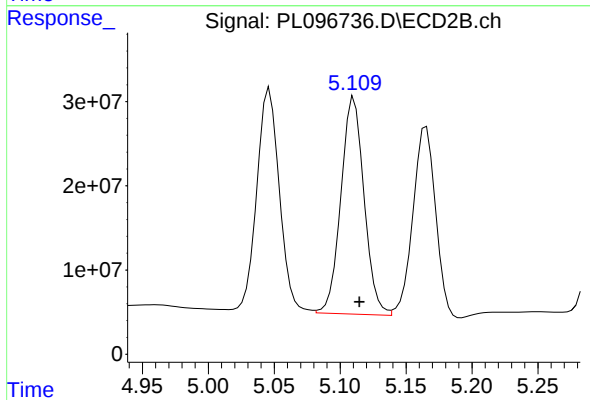
#11 alpha-Chlordane

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 193269158
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

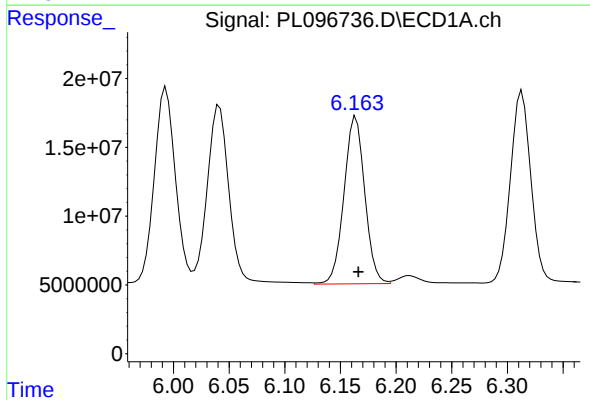
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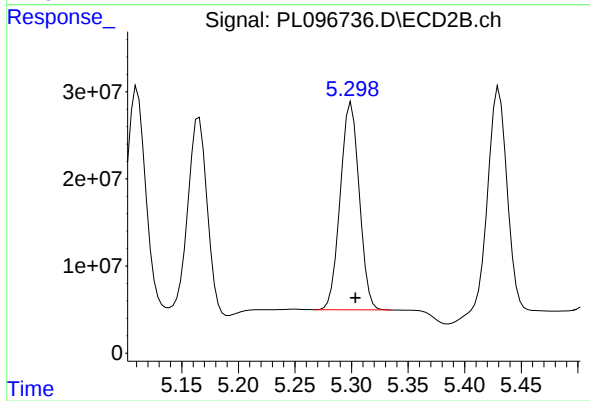
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 314722982
Conc: 53.35 ng/ml



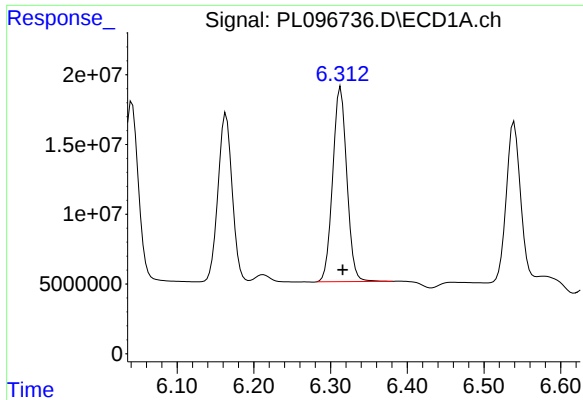
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 157925782
Conc: 49.18 ng/ml



#12 4,4'-DDE

R.T.: 5.298 min
Delta R.T.: -0.005 min
Response: 278102772
Conc: 50.43 ng/ml m



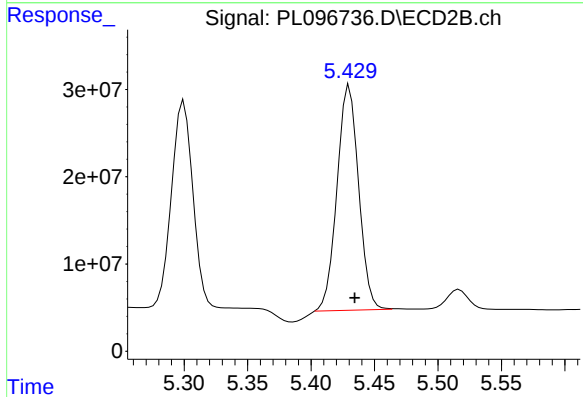
#13 Dieldrin

R.T.: 6.313 min
Delta R.T.: -0.003 min
Response: 178334567
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

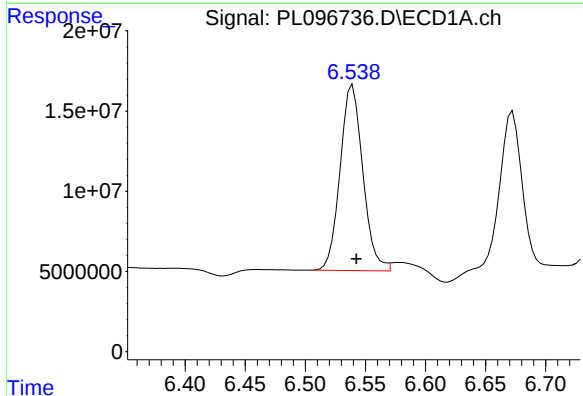
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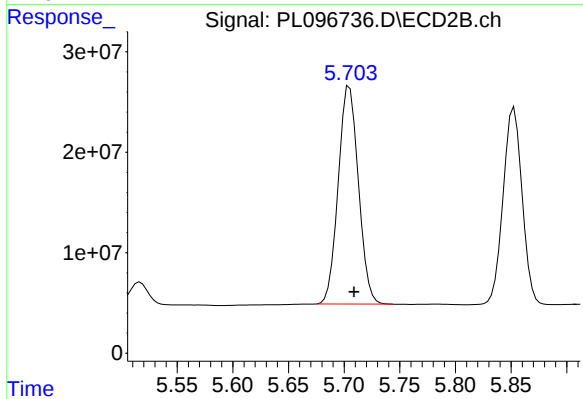
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.006 min
Response: 305639873
Conc: 51.75 ng/ml m



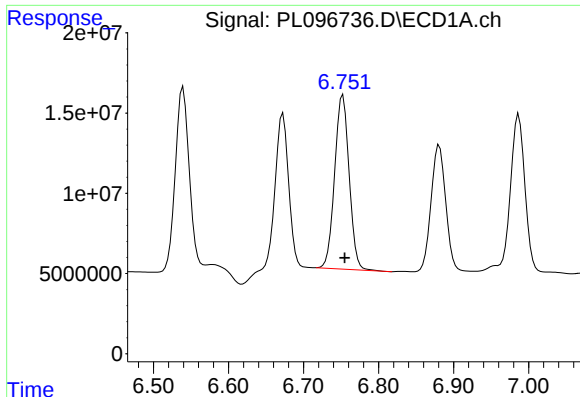
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 152727174
Conc: 50.46 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 274126784
Conc: 50.71 ng/ml



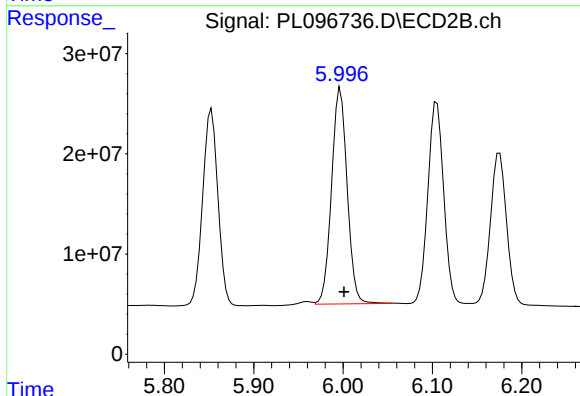
#15 Endosulfan II

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 145940188
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

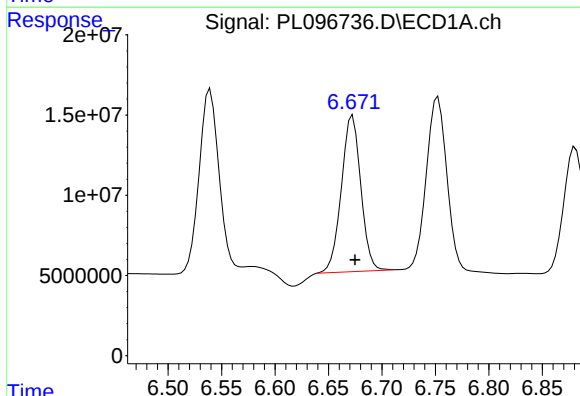
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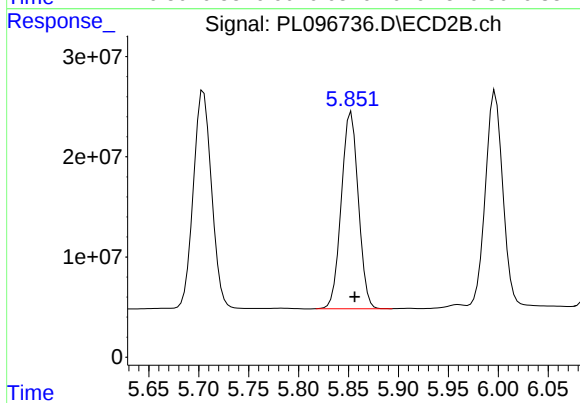
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 261899410
Conc: 50.99 ng/ml m



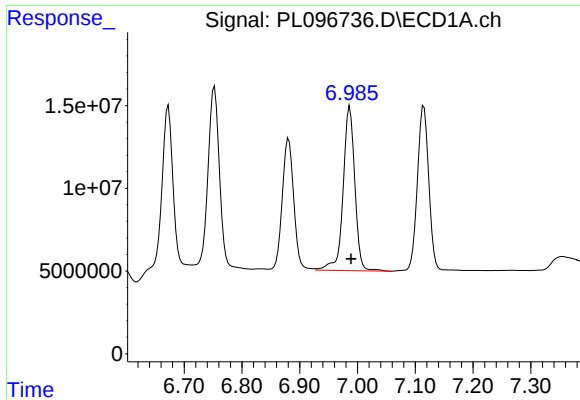
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 123532783
Conc: 48.86 ng/ml m



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 233061207
Conc: 49.53 ng/ml



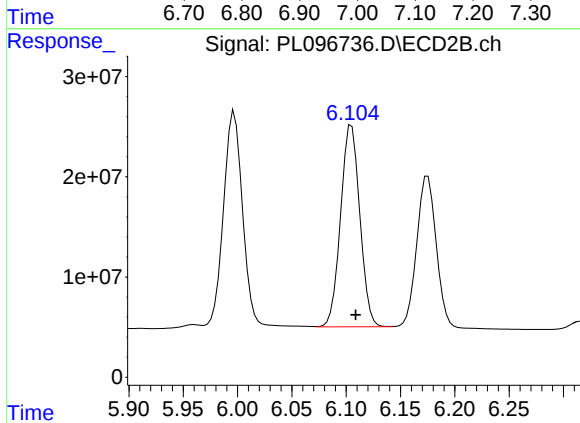
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 138805121
Conc: 48.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

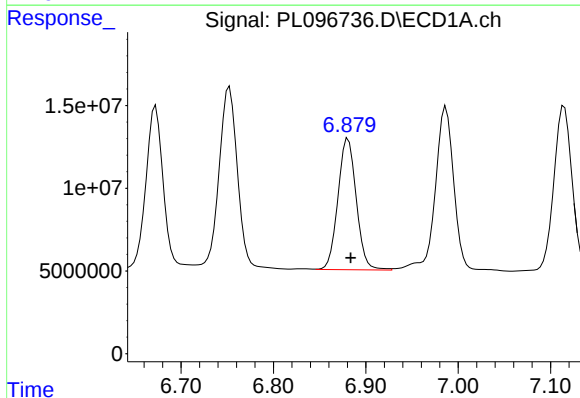
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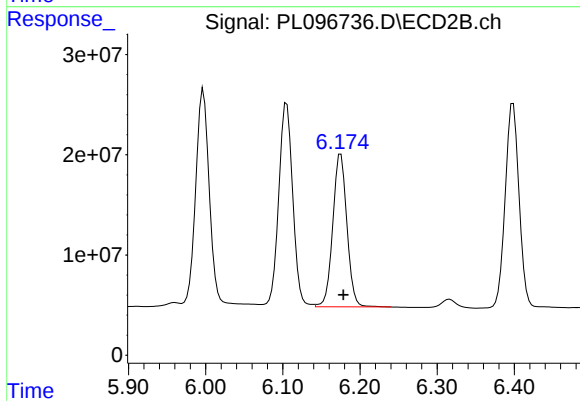
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 248486788
Conc: 49.12 ng/ml m



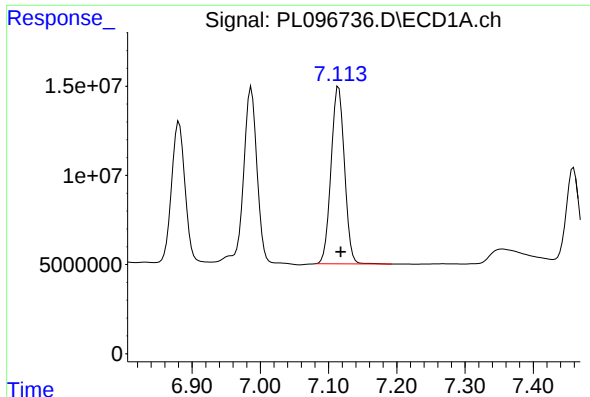
#18 Endrin aldehyde

R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 109424745
Conc: 50.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 195157874
Conc: 52.73 ng/ml



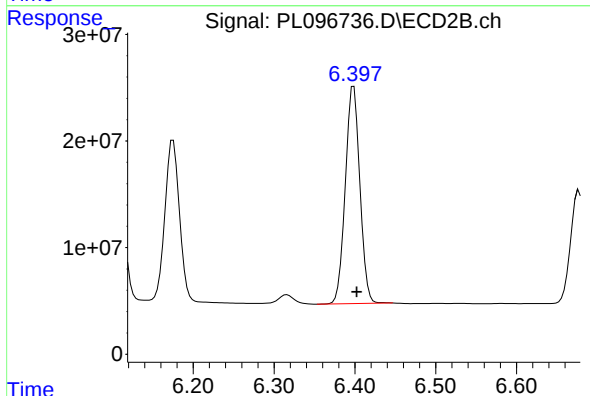
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 135581002
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

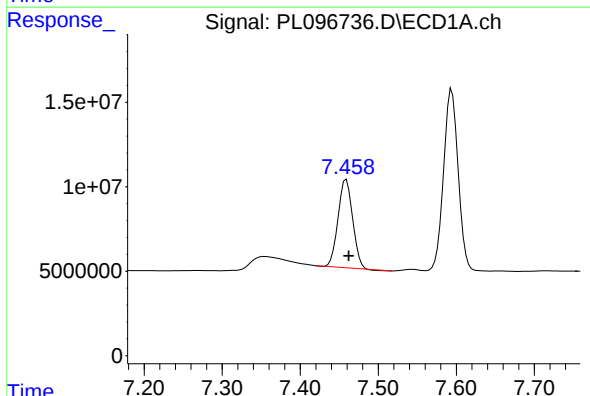
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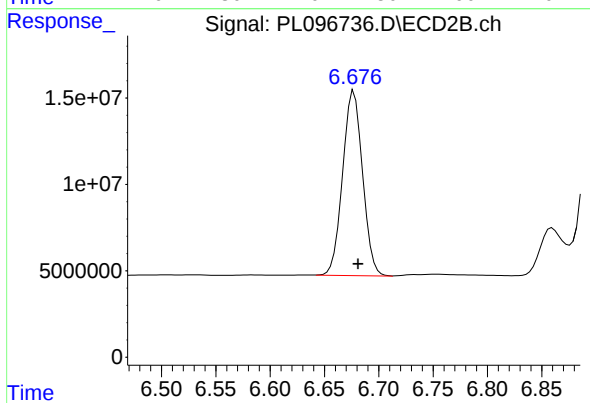
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 254749290
Conc: 50.09 ng/ml



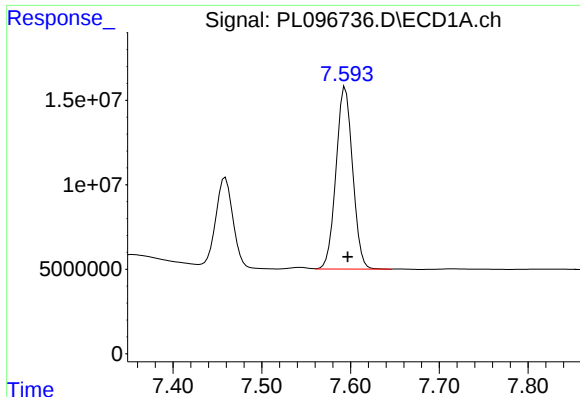
#20 Methoxychlor

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 67566312
Conc: 46.01 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 136673846
Conc: 49.87 ng/ml m



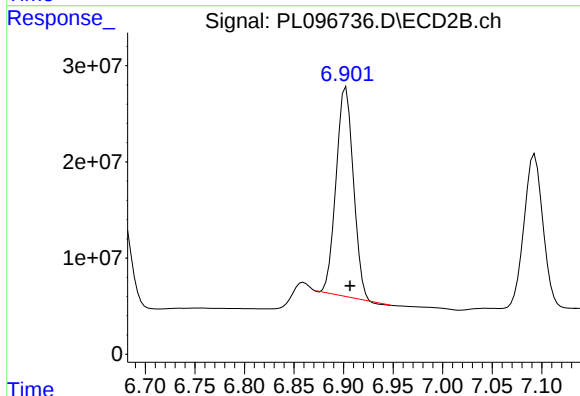
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 140124562
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

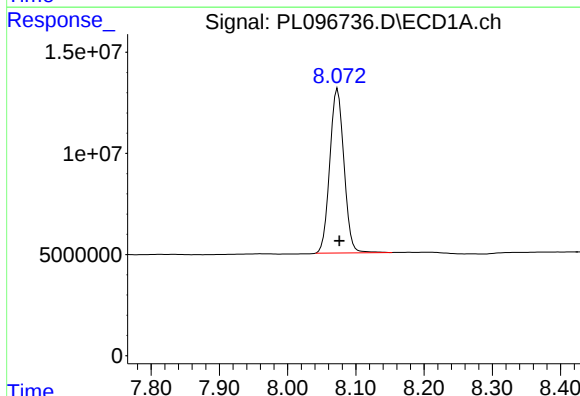
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/08/2025
Supervised By :mohammad ahmed 08/11/2025



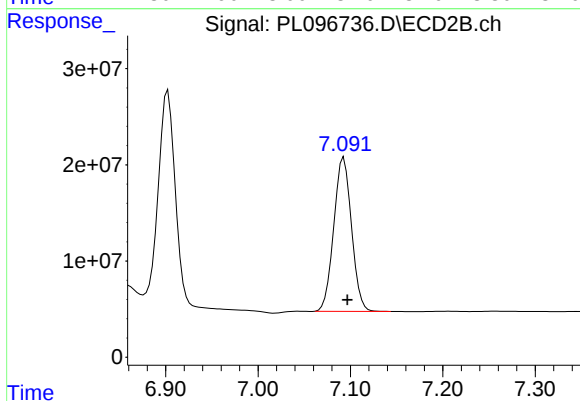
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.004 min
Response: 261543101
Conc: 46.96 ng/ml



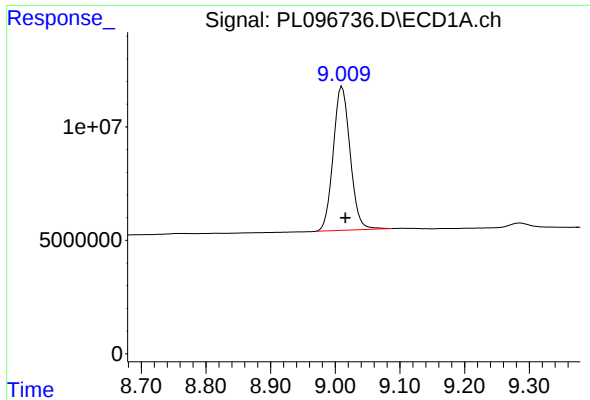
#22 Mirex

R.T.: 8.073 min
Delta R.T.: -0.003 min
Response: 117231763
Conc: 47.28 ng/ml



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 213559354
Conc: 48.97 ng/ml



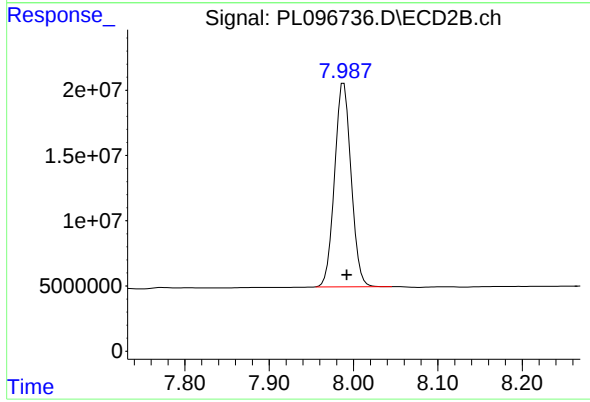
#28 Decachlorobiphenyl

R.T.: 9.011 min
Delta R.T.: -0.005 min
Response: 114959635
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/08/2025
Supervised By :mohammad ahmed 08/11/2025



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 212959071
Conc: 49.09 ng/ml