

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:37:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.531	2.826	175.3E6	256.7E6	55.122	53.727
28)	SA Decachlor...	9.002	7.985	126.9E6	194.3E6	53.217m	44.784m
Target Compounds							
2)	A alpha-BHC	3.978	3.331	254.1E6	382.5E6	54.922	54.042
3)	MA gamma-BHC...	4.306	3.663	239.0E6	353.5E6	54.027	53.532
4)	MA Heptachlor	4.897	4.011	235.6E6	349.6E6	56.688	52.475
5)	MB Aldrin	5.236	4.293	227.0E6	327.4E6	52.783	52.748
6)	B beta-BHC	4.491	3.959	102.2E6	150.4E6	56.643m	53.327
7)	B delta-BHC	4.738	4.191	222.3E6	344.2E6	55.714	53.174
8)	B Heptachlo...	5.654	4.795	207.9E6	290.6E6	53.911	50.877
9)	A Endosulfan I	6.036	5.166	181.7E6	264.1E6	50.515	47.754
10)	B gamma-Chl...	5.909	5.047	202.1E6	301.6E6	53.102	51.295
11)	B alpha-Chl...	5.989	5.111	199.4E6	296.3E6	51.719	50.235
12)	B 4,4'-DDE	6.159	5.299	169.4E6	279.1E6	52.747	50.617
13)	MA Dieldrin	6.307	5.429	188.8E6	295.9E6	50.870m	50.097m
14)	MA Endrin	6.533	5.705	154.8E6	292.4E6	51.154m	54.089
15)	B Endosulfa...	6.746	5.996	157.2E6	243.8E6	49.073m	47.470
16)	A 4,4'-DDD	6.667	5.852	139.7E6	226.5E6	55.238	48.130
17)	MA 4,4'-DDT	6.982	6.104	145.3E6	237.9E6	50.667	47.033
18)	B Endrin al...	6.876	6.175	111.1E6	171.0E6	51.774	47.044
19)	B Endosulfa...	7.109	6.398	136.7E6	231.3E6	47.583	45.475
20)	A Methoxychlor	7.452	6.675	71029000	123.0E6	48.373m	44.895m
21)	B Endrin ke...	7.589	6.902	142.3E6	252.5E6	47.312	45.329
22)	Mirex	8.066	7.092	116.6E6	191.4E6	47.024m	43.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

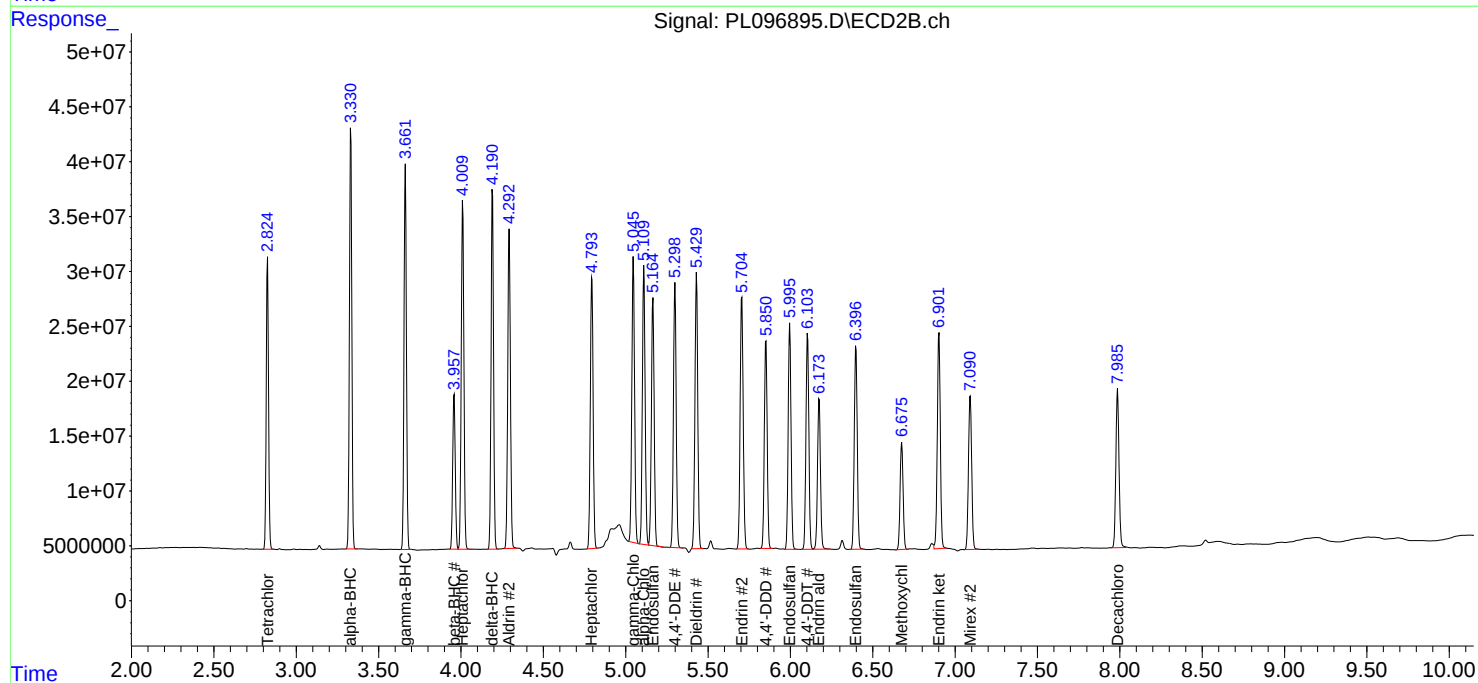
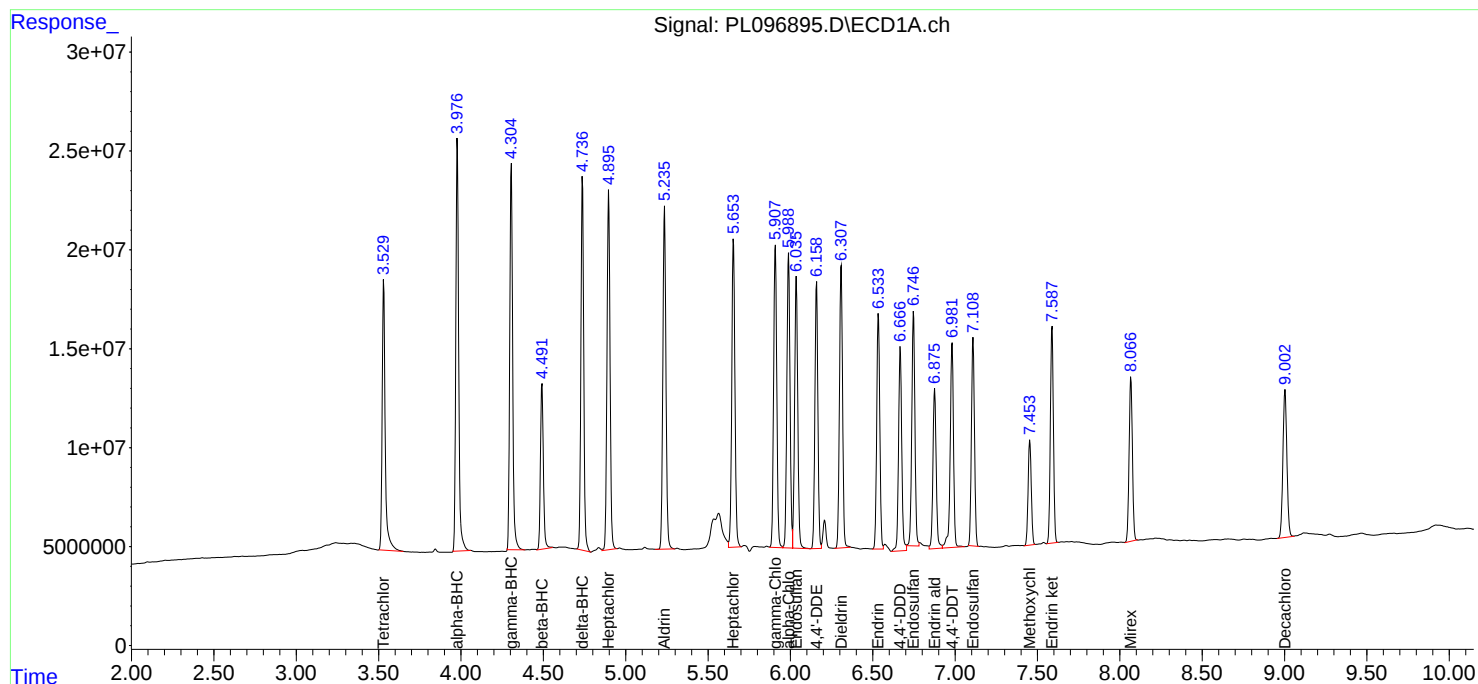
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

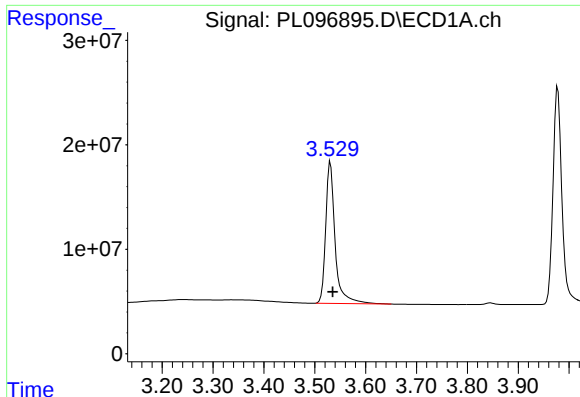
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:37:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





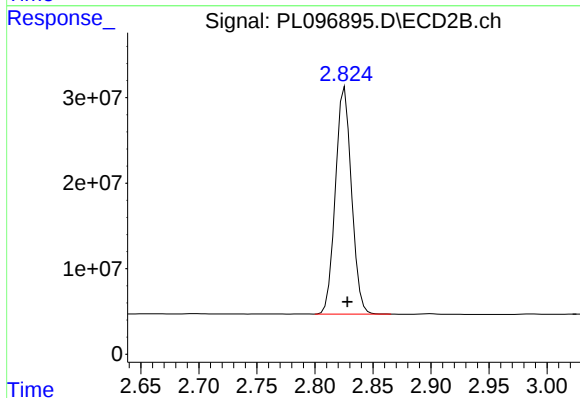
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 175332172
Conc: 55.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

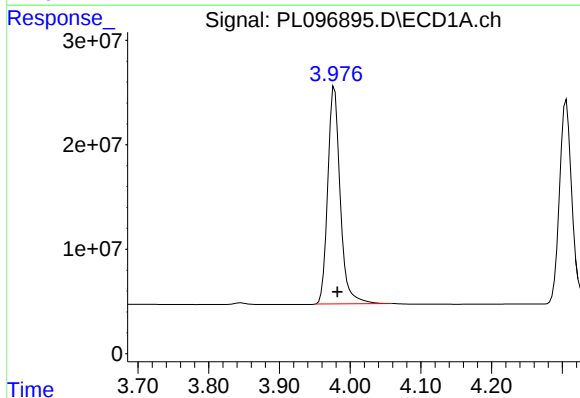
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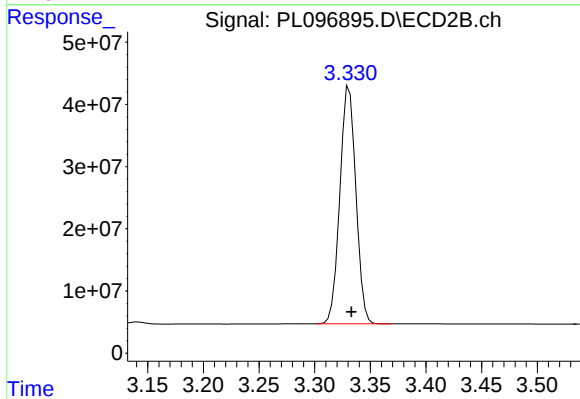
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 256694097
Conc: 53.73 ng/ml



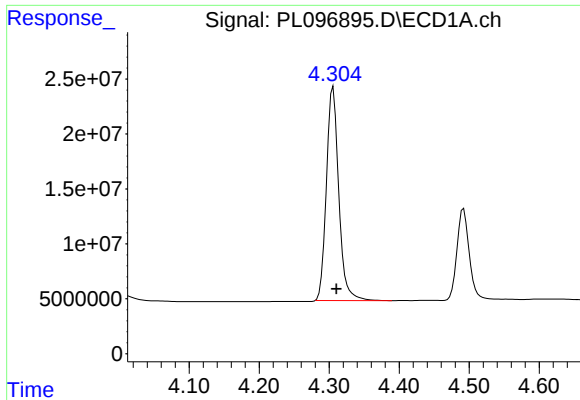
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 254087340
Conc: 54.92 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 382457699
Conc: 54.04 ng/ml



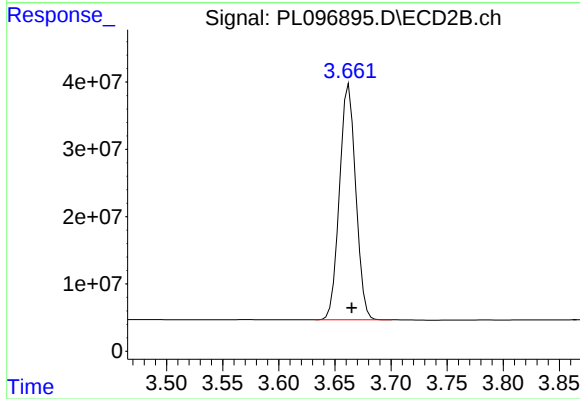
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.005 min
Response: 238986492
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

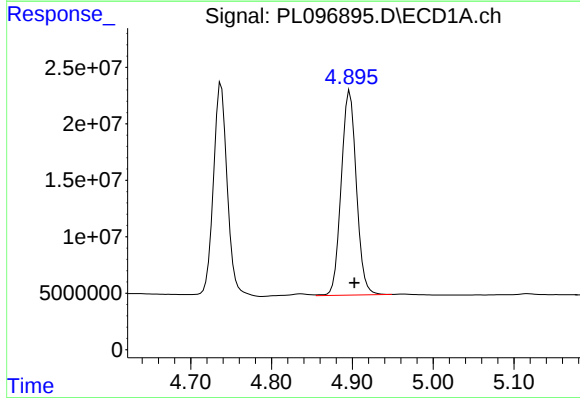
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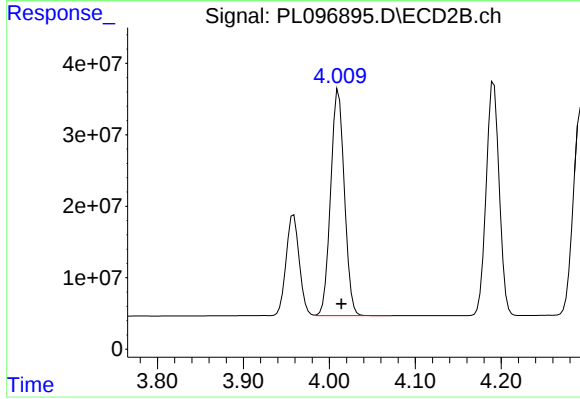
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 353488768
Conc: 53.53 ng/ml



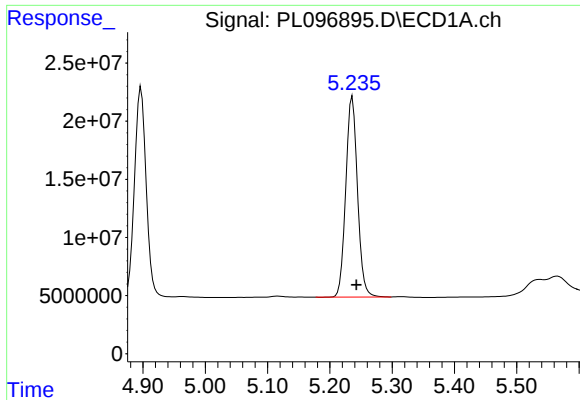
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.006 min
Response: 235578505
Conc: 56.69 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 349587085
Conc: 52.48 ng/ml



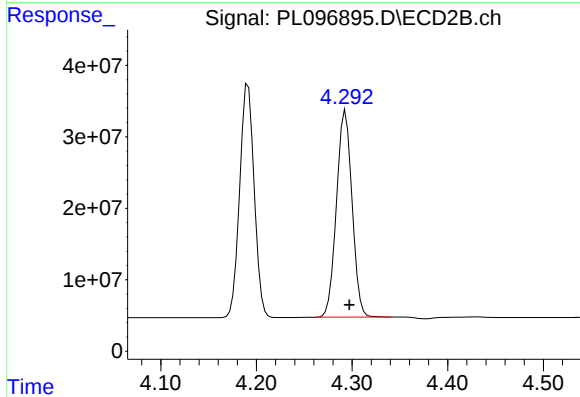
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 227019201
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

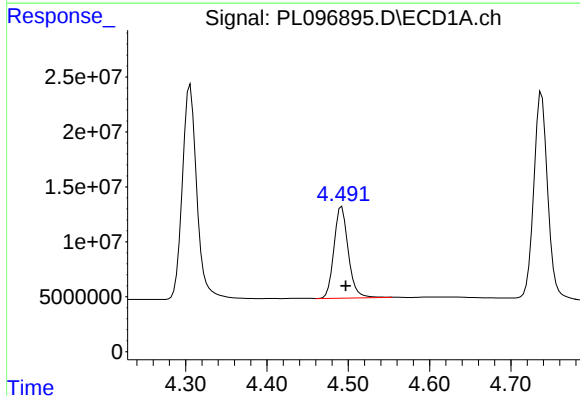
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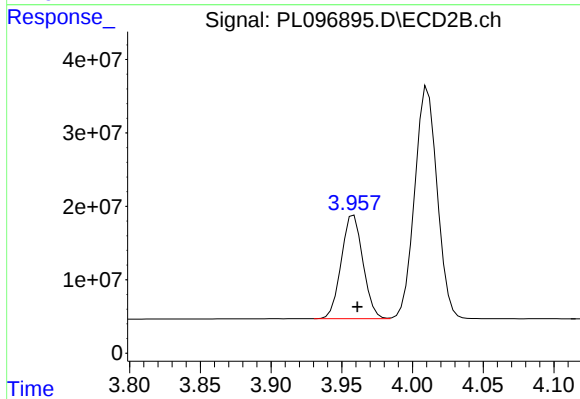
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 327407727
Conc: 52.75 ng/ml



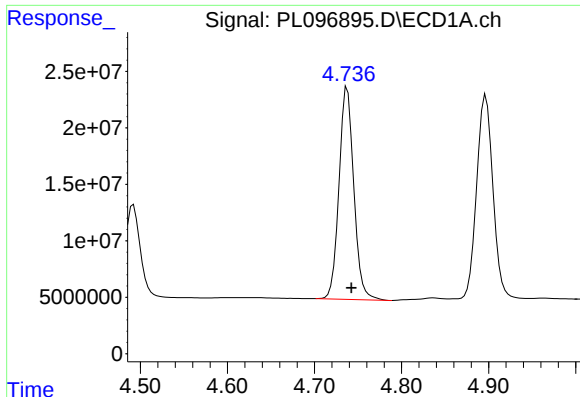
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 102238315
Conc: 56.64 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 150429846
Conc: 53.33 ng/ml



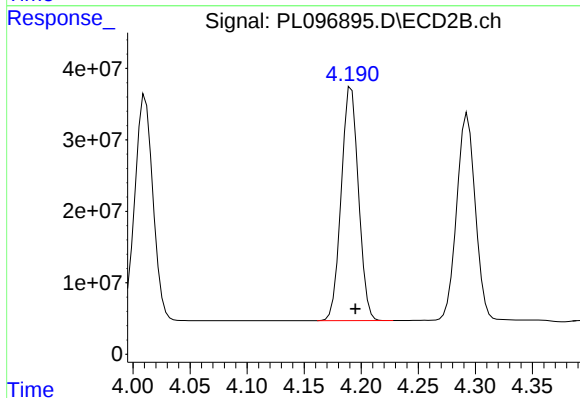
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 222290465
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

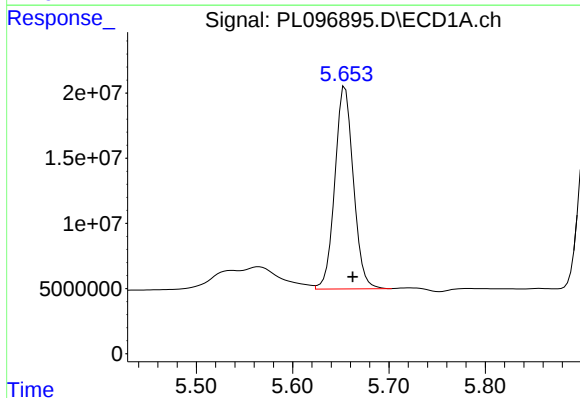
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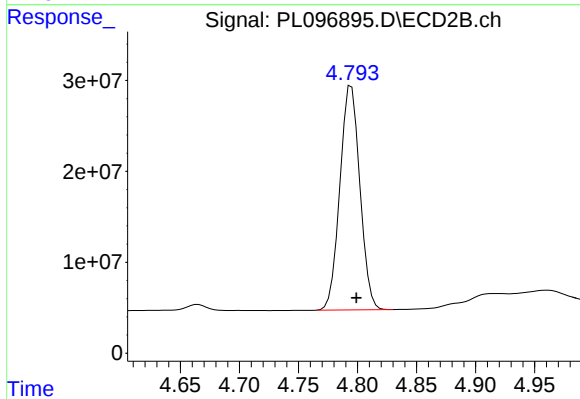
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 344229392
Conc: 53.17 ng/ml



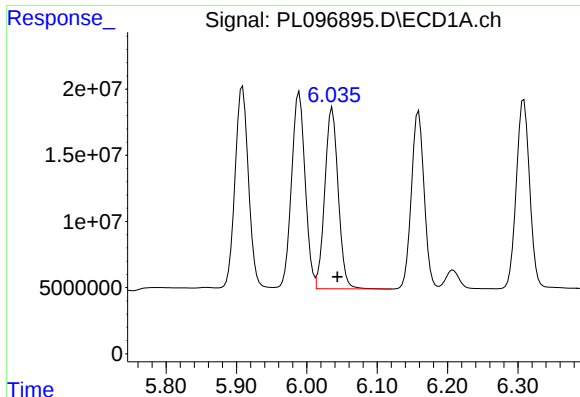
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.008 min
Response: 207910728
Conc: 53.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 290577483
Conc: 50.88 ng/ml



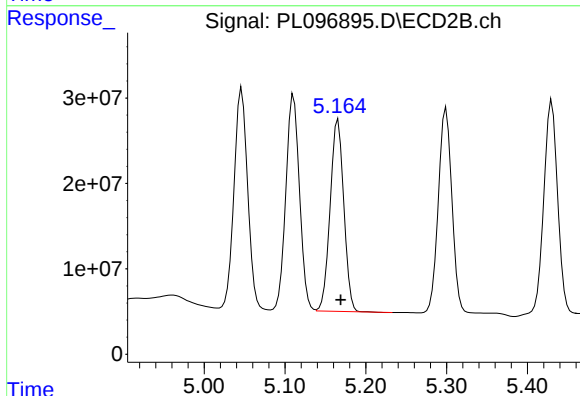
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 181671756
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

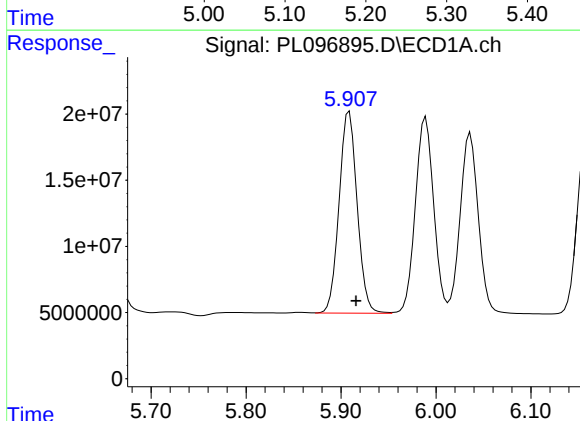
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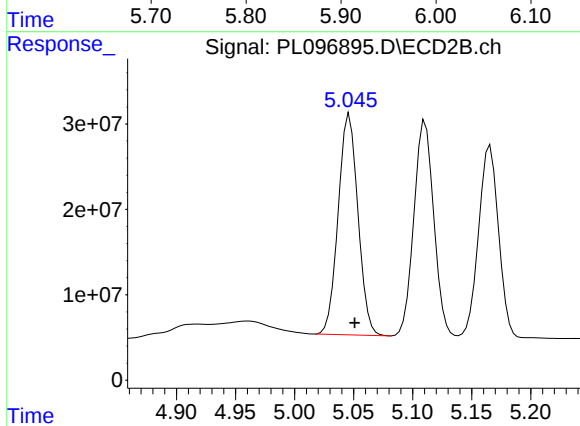
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 264144465
Conc: 47.75 ng/ml



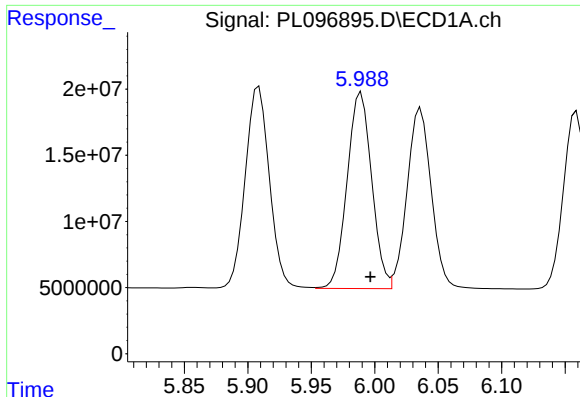
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 202067468
Conc: 53.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 301620074
Conc: 51.29 ng/ml



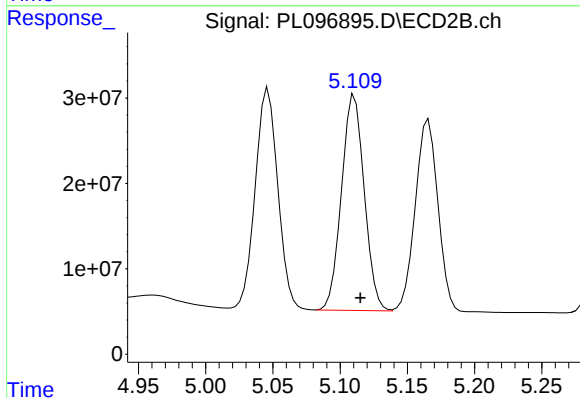
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 199357818
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

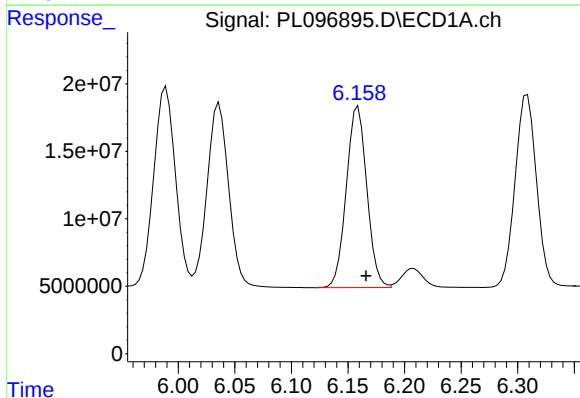
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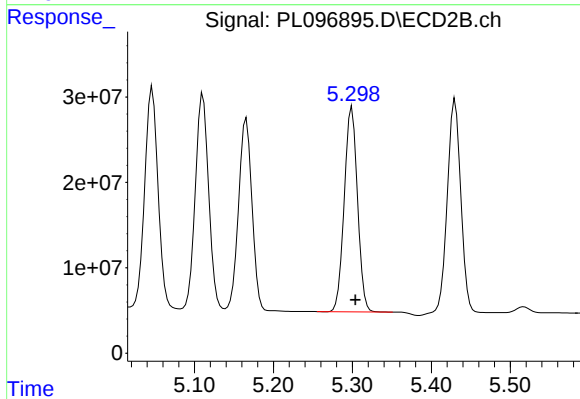
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 296330669
Conc: 50.23 ng/ml



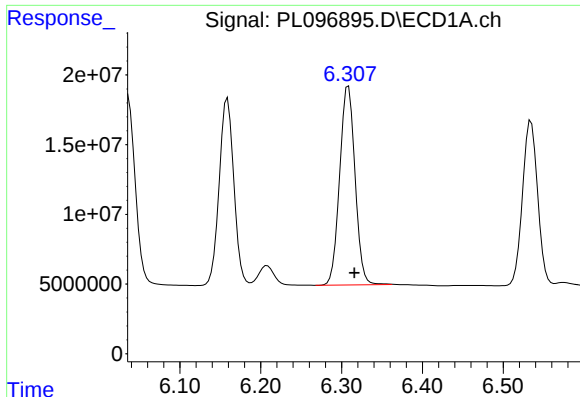
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 169383678
Conc: 52.75 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 279125638
Conc: 50.62 ng/ml



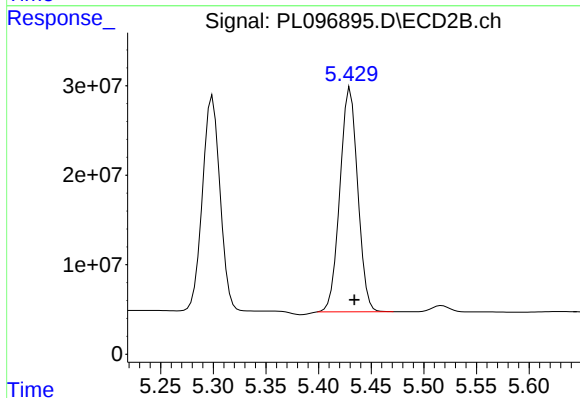
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 188785773
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

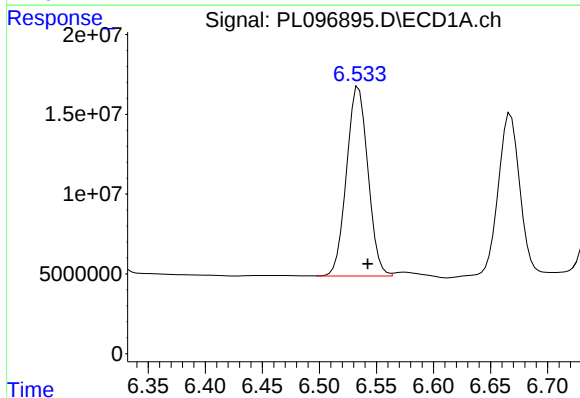
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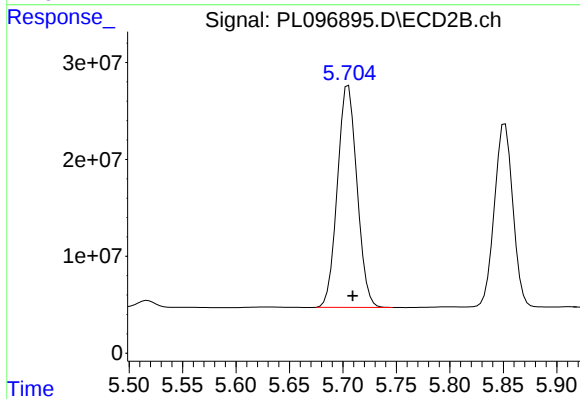
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 295900782
Conc: 50.10 ng/ml m



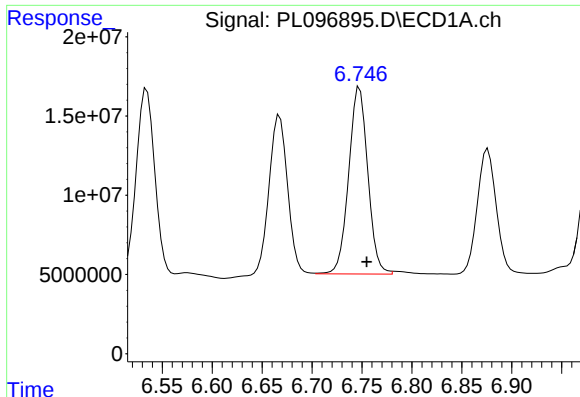
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 154831281
Conc: 51.15 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 292405513
Conc: 54.09 ng/ml



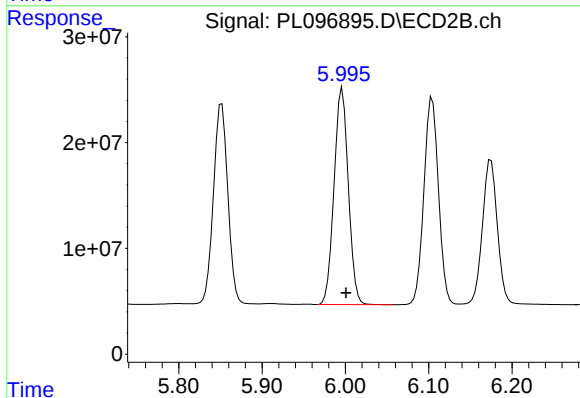
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 157162063
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

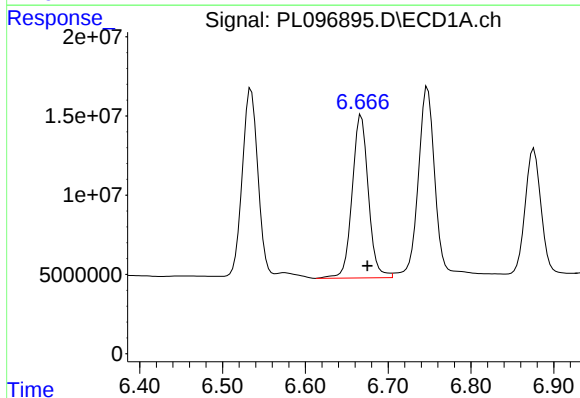
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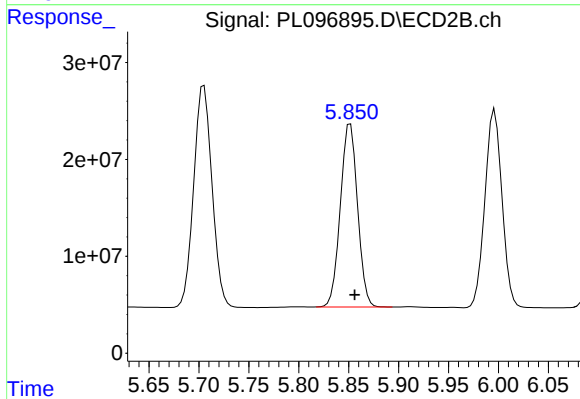
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 243816346
Conc: 47.47 ng/ml



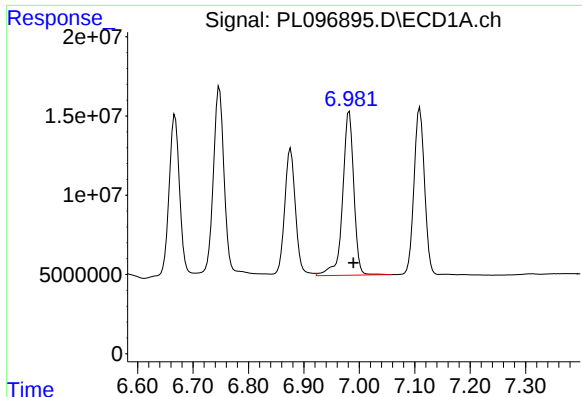
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 139662064
Conc: 55.24 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 226463624
Conc: 48.13 ng/ml



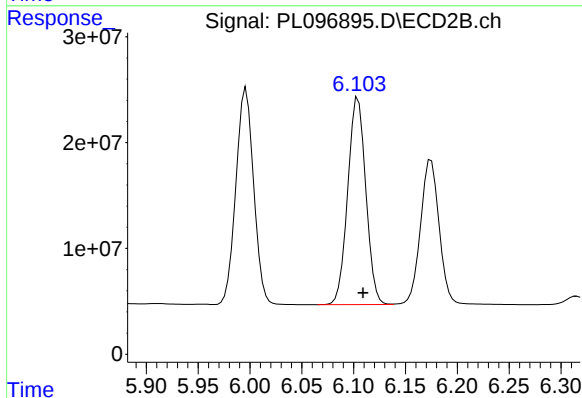
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 145297902
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

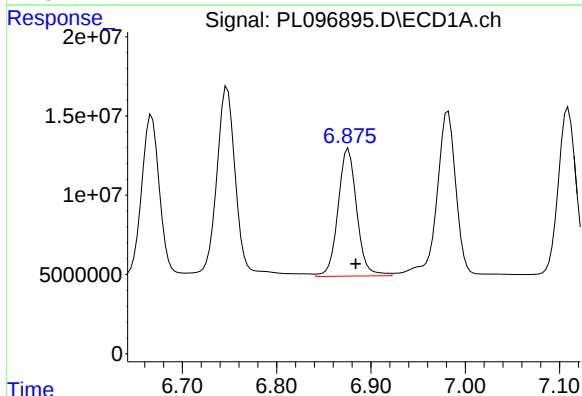
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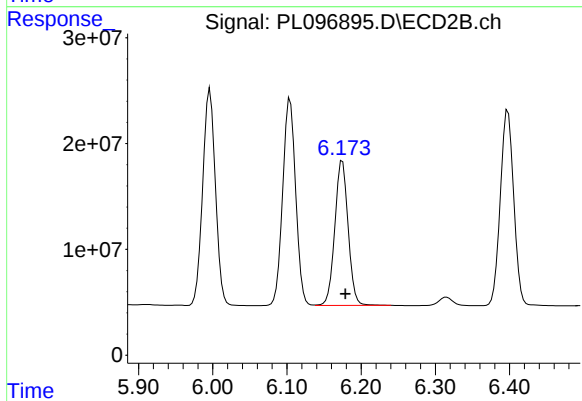
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 237908619
Conc: 47.03 ng/ml



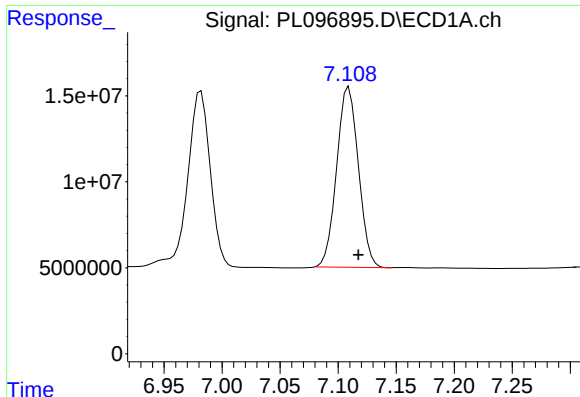
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 111101669
Conc: 51.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 171006400
Conc: 47.04 ng/ml



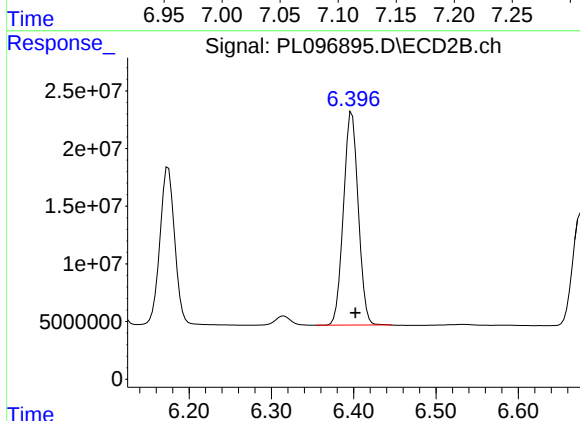
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.008 min
Response: 136737595
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

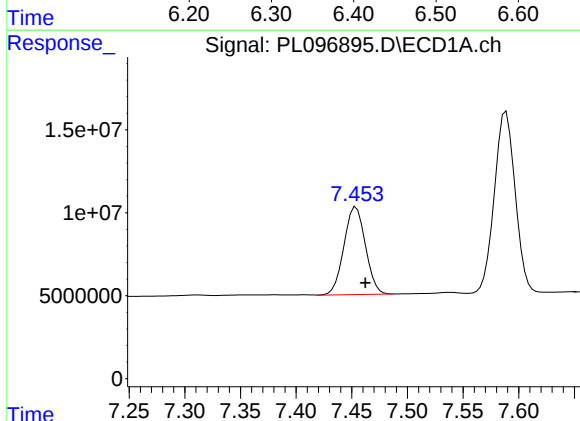
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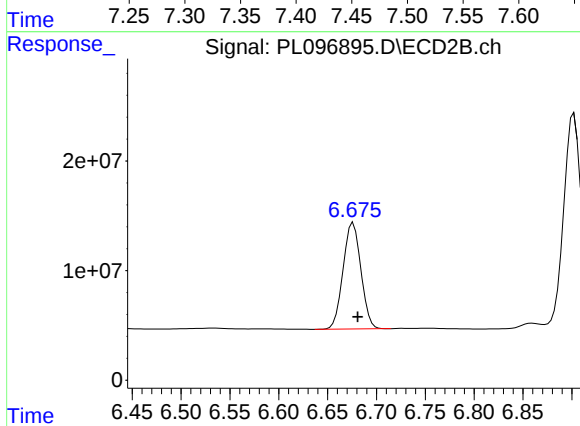
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 231295806
Conc: 45.48 ng/ml



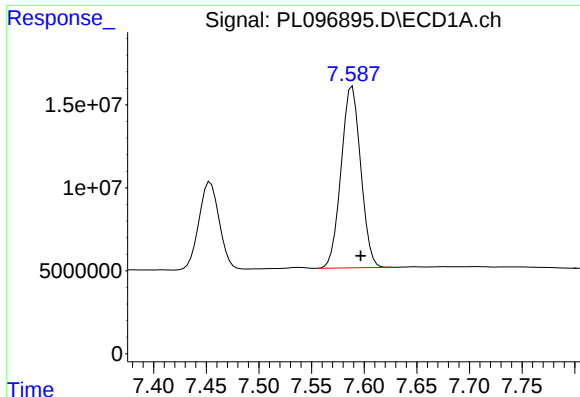
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.010 min
Response: 71029000
Conc: 48.37 ng/ml m



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 123034288
Conc: 44.89 ng/ml m



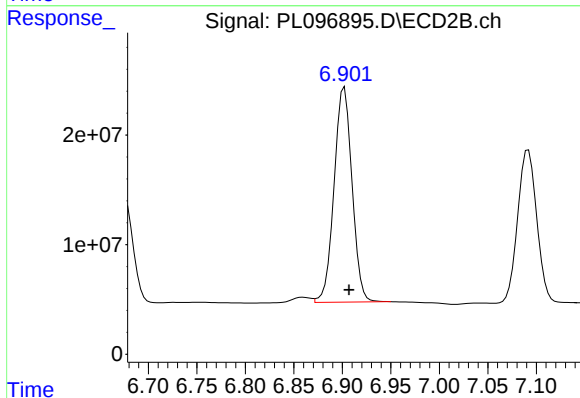
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 142254625
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

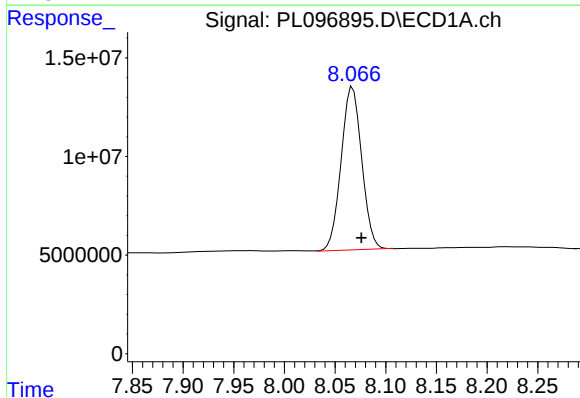
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



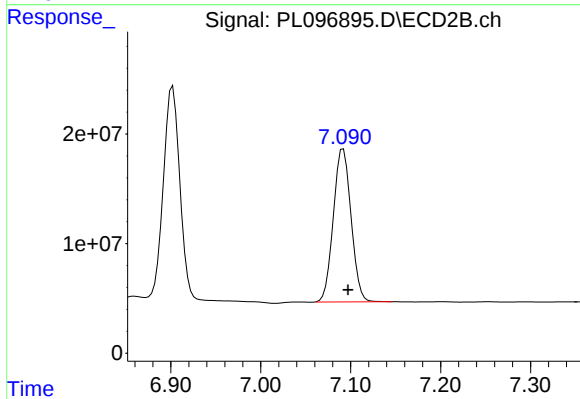
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 252468589
Conc: 45.33 ng/ml



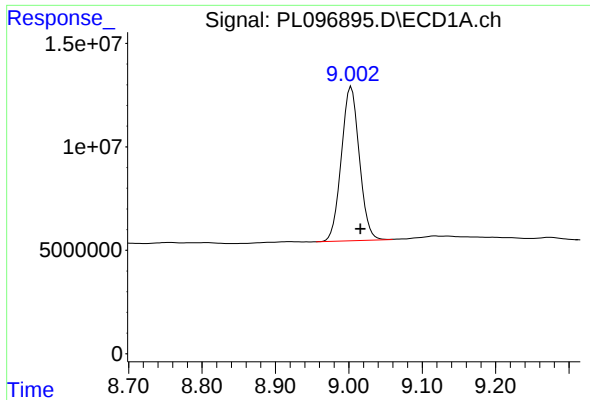
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 116589262
Conc: 47.02 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 191414963
Conc: 43.89 ng/ml



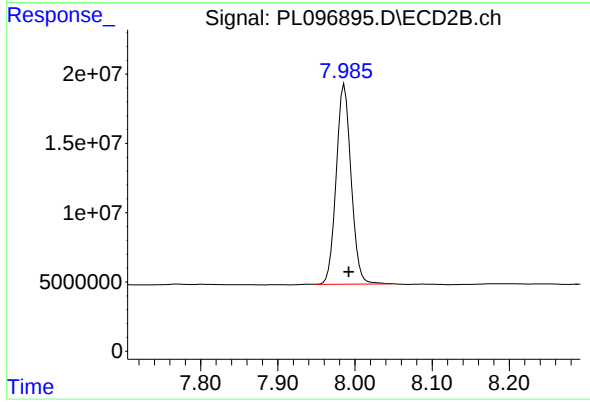
#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: -0.014 min
Response: 126904413
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 194287510
Conc: 44.78 ng/ml m