

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082225\
 Data File : PL096954.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 17:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/25/2025
 Supervised By : mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 04:10:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.530	2.825	201.1E6	300.8E6	50.999	53.374
28)	SA Decachlor...	9.004	7.986	143.0E6	276.6E6	48.293	57.670
Target Compounds							
2)	A alpha-BHC	3.977	3.330	300.0E6	452.8E6	51.774	55.145
3)	MA gamma-BHC...	4.304	3.662	281.4E6	420.5E6	51.523	57.083
4)	MA Heptachlor	4.895	4.010	275.9E6	418.1E6	51.750	55.565
5)	MB Aldrin	5.235	4.292	267.8E6	396.0E6	50.969	56.304
6)	B beta-BHC	4.491	3.958	114.9E6	178.5E6	50.254	54.717
7)	B delta-BHC	4.737	4.190	256.6E6	415.3E6	57.015	56.512
8)	B Heptachlo...	5.654	4.794	242.6E6	356.6E6	47.137	56.386
9)	A Endosulfan I	6.036	5.165	216.3E6	330.9E6	50.335	55.236
10)	B gamma-Chl...	5.907	5.046	236.8E6	374.8E6	51.417m	56.689
11)	B alpha-Chl...	5.988	5.110	234.5E6	366.9E6	49.836	56.192
12)	B 4,4'-DDE	6.159	5.298	195.8E6	350.9E6	49.080	57.009
13)	MA Dieldrin	6.308	5.428	228.5E6	372.1E6	50.331	56.778m
14)	MA Endrin	6.534	5.704	187.6E6	332.4E6	50.085	56.274
15)	B Endosulfa...	6.748	5.996	203.6E6	319.5E6	46.213	55.869
16)	A 4,4'-DDD	6.668	5.851	158.8E6	297.5E6	50.305	56.972
17)	MA 4,4'-DDT	6.982	6.104	173.6E6	316.9E6	49.555	57.862
18)	B Endrin al...	6.876	6.174	133.6E6	237.7E6	51.348	57.885
19)	B Endosulfa...	7.110	6.397	172.3E6	314.0E6	50.190	56.043
20)	A Methoxychlor	7.454	6.676	85642799	171.4E6	49.348	57.149
21)	B Endrin ke...	7.590	6.901	181.0E6	359.8E6	50.907	57.489
22)	Mirex	8.068	7.091	147.7E6	274.4E6	49.378	56.509

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082225\
Data File : PL096954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2025 17:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

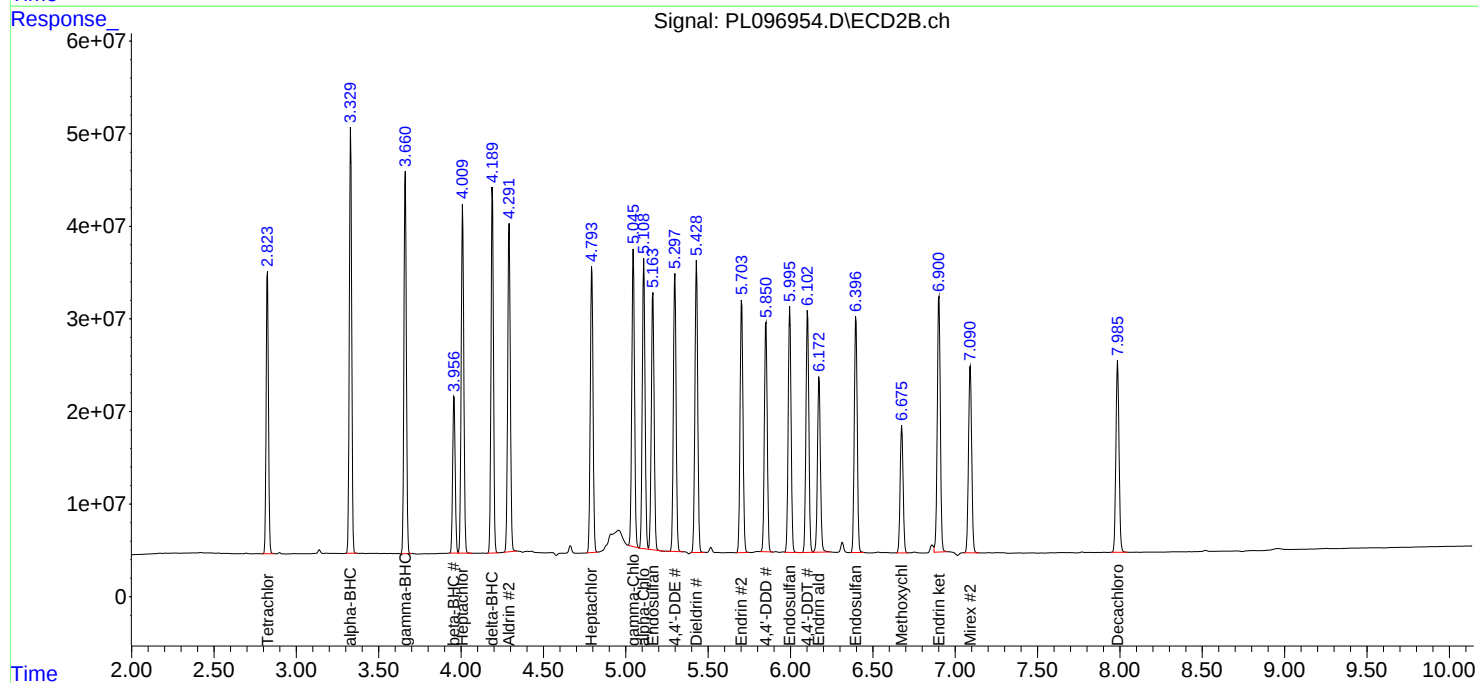
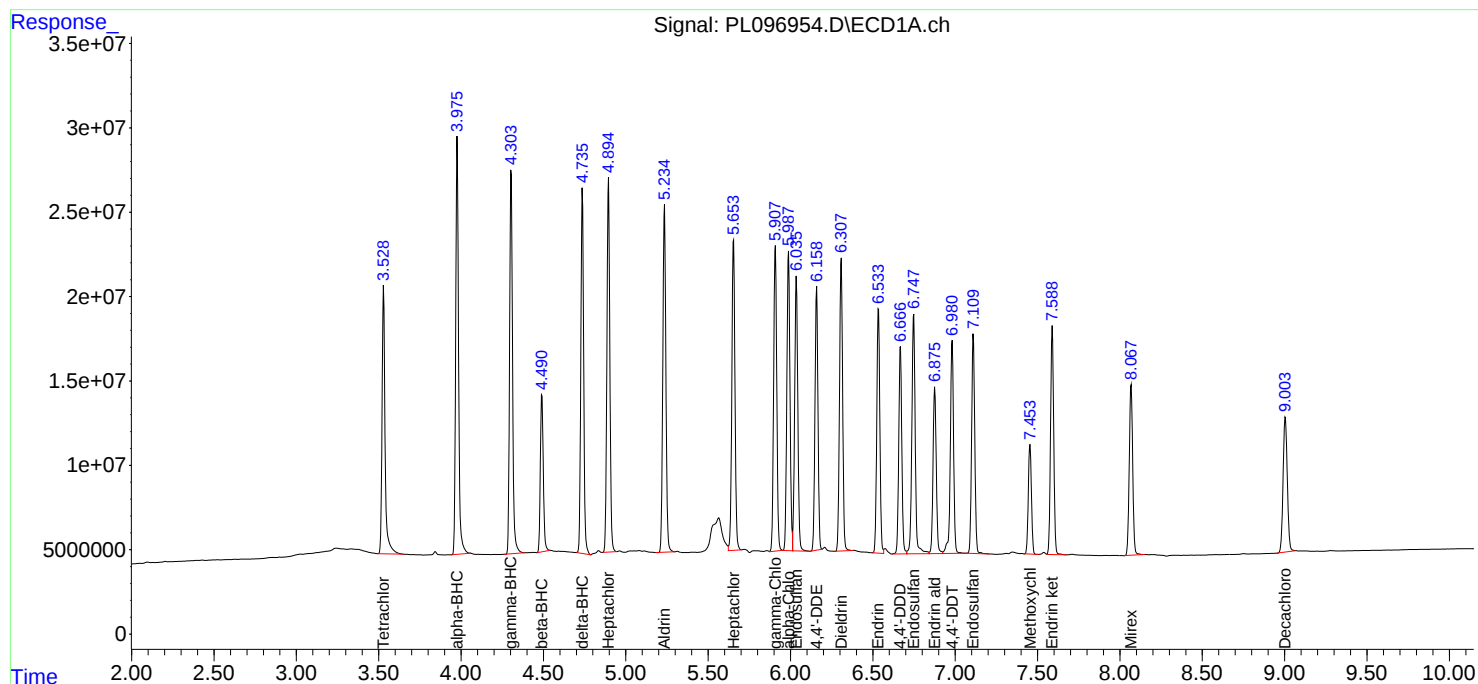
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

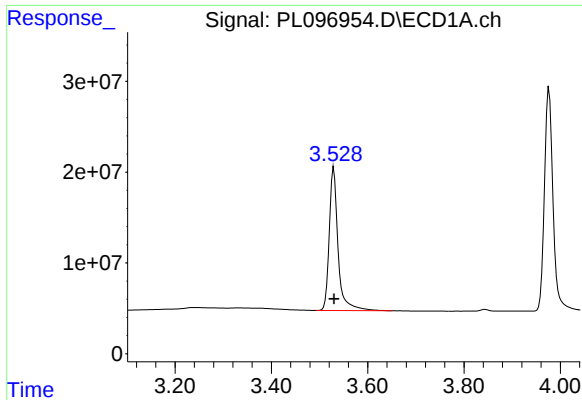
Manual Integrations
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Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 25 04:10:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 2025
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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.: 3.530 min
Delta R.T.: 0.000 min
Response: 201130866
Conc: 51.00 ng/ml

Instrument :

ECD_L

ClientSampleId :

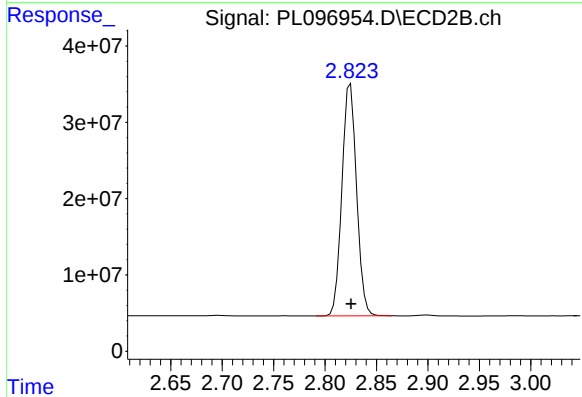
PSTDCCC050

Manual Integrations

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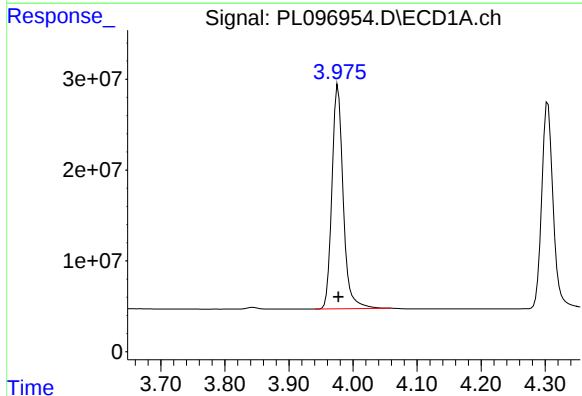
Reviewed By :Abdul Mirza 08/25/2025

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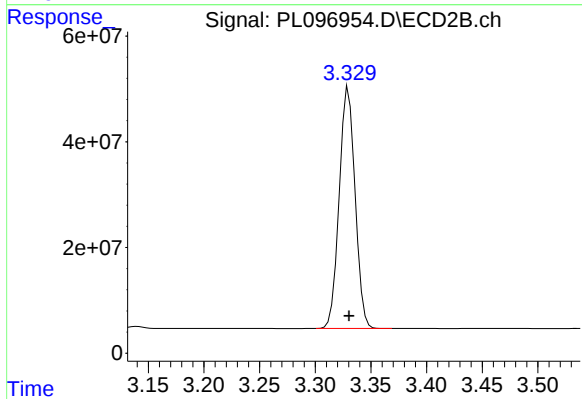
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.000 min
Response: 300848082
Conc: 53.37 ng/ml



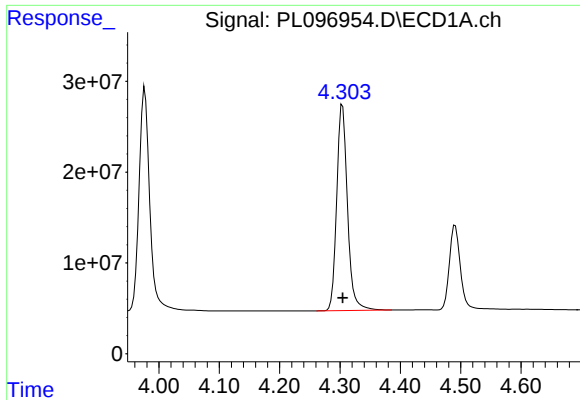
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: 0.000 min
Response: 299979708
Conc: 51.77 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 452813867
Conc: 55.15 ng/ml



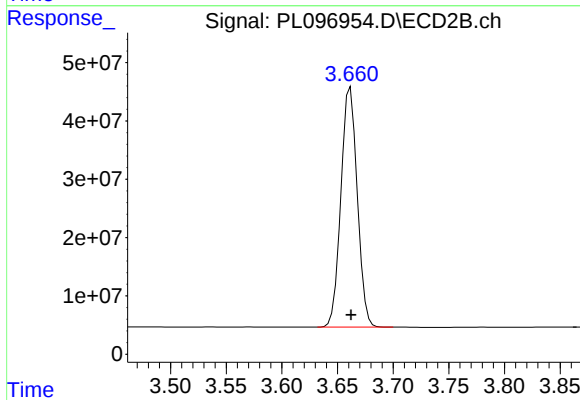
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 281409667
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

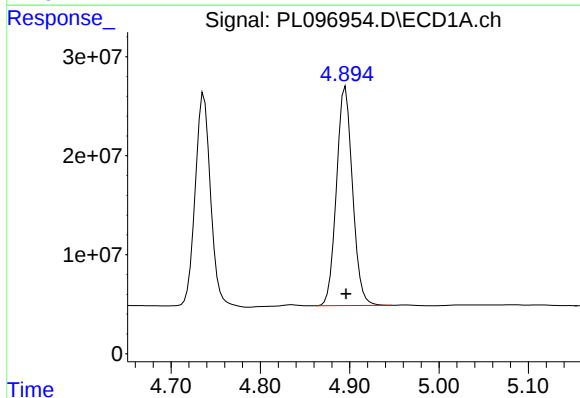
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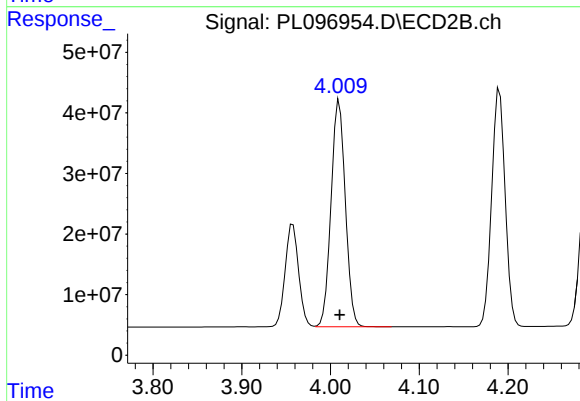
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 420498434
Conc: 57.08 ng/ml



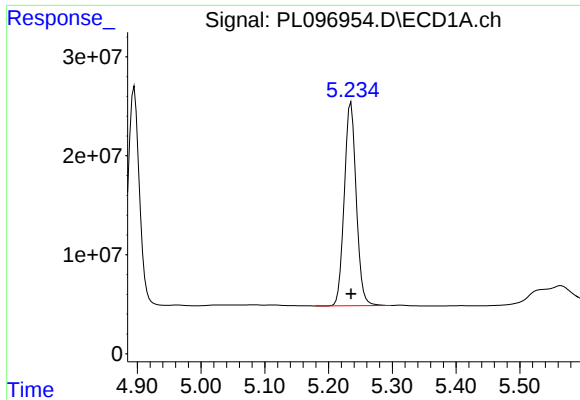
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 275948776
Conc: 51.75 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 418083834
Conc: 55.57 ng/ml



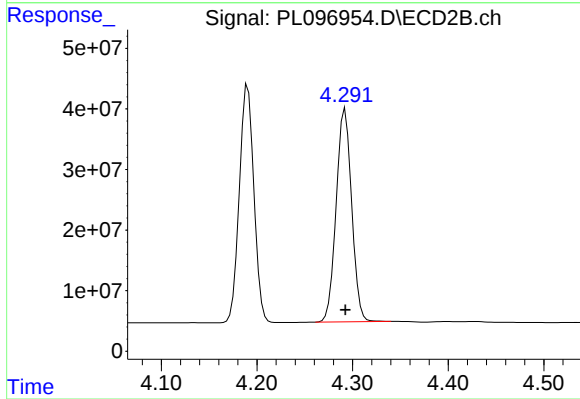
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 267765473
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

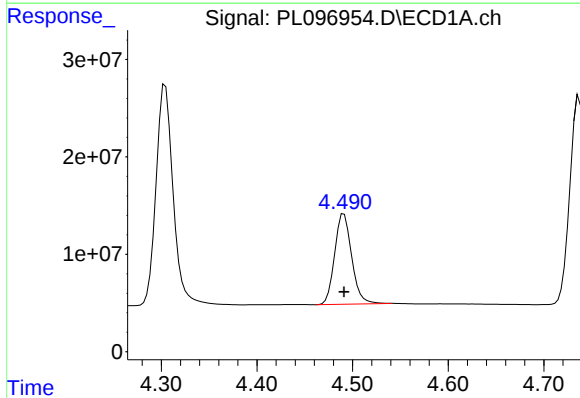
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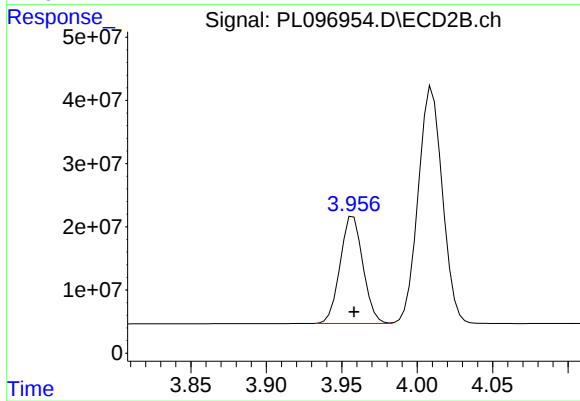
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: 0.000 min
Response: 395978116
Conc: 56.30 ng/ml



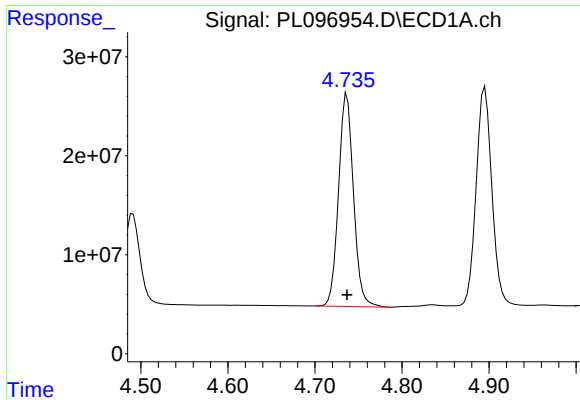
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 114933095
Conc: 50.25 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 178503935
Conc: 54.72 ng/ml



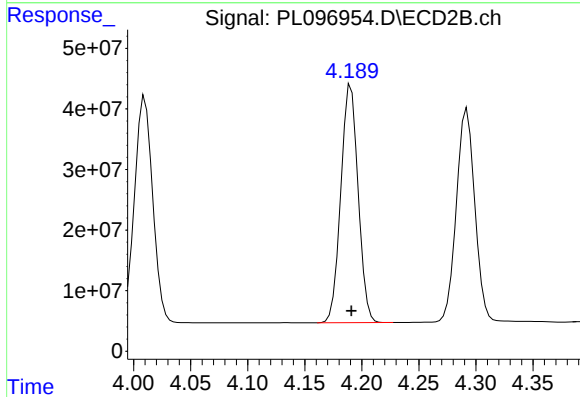
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 256563031
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

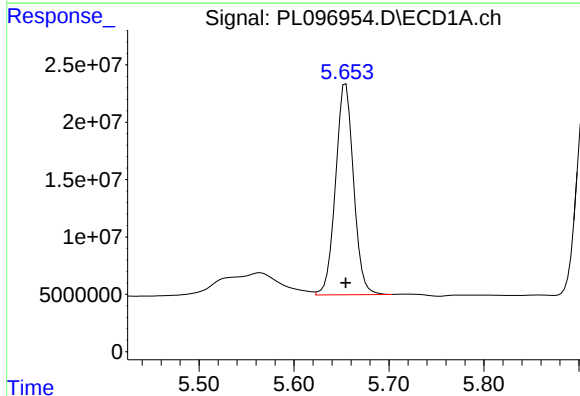
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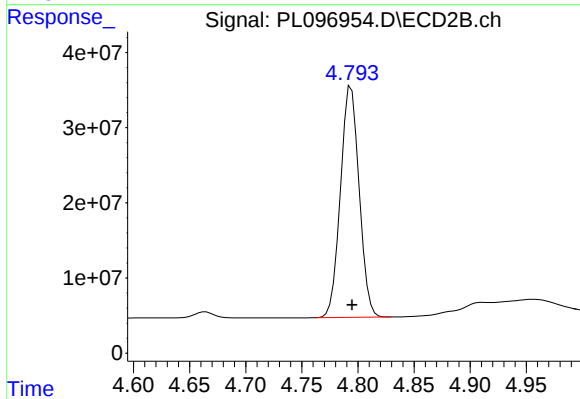
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 415300137
Conc: 56.51 ng/ml



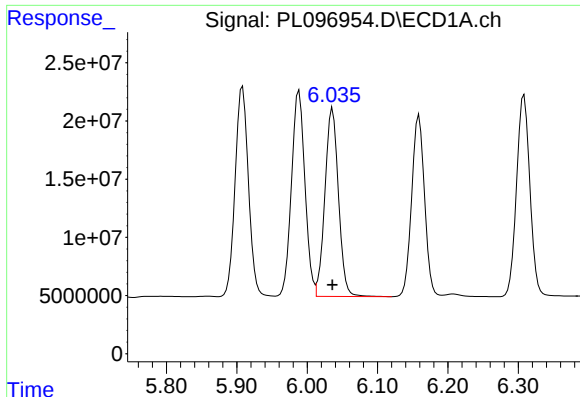
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 242555811
Conc: 47.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 356639557
Conc: 56.39 ng/ml



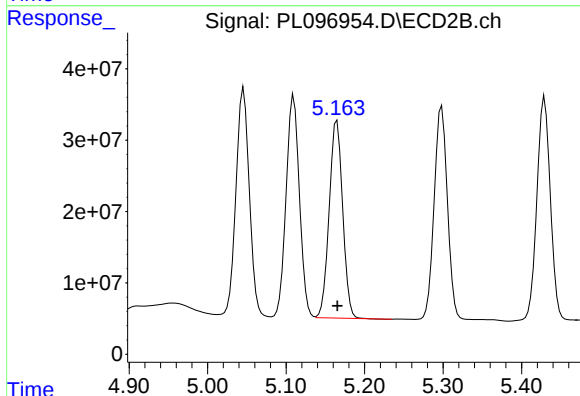
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 216278552
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

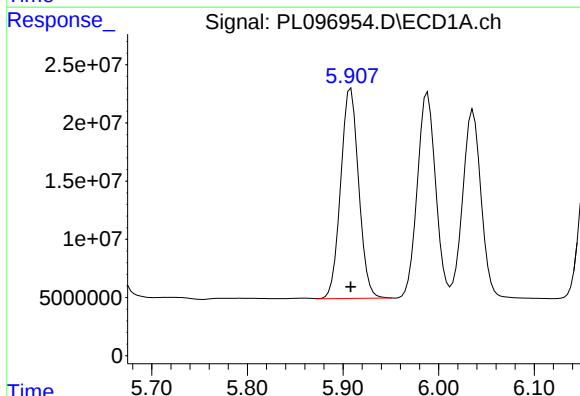
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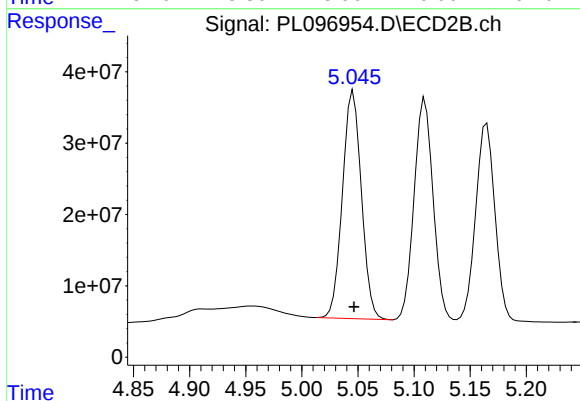
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 330936372
Conc: 55.24 ng/ml



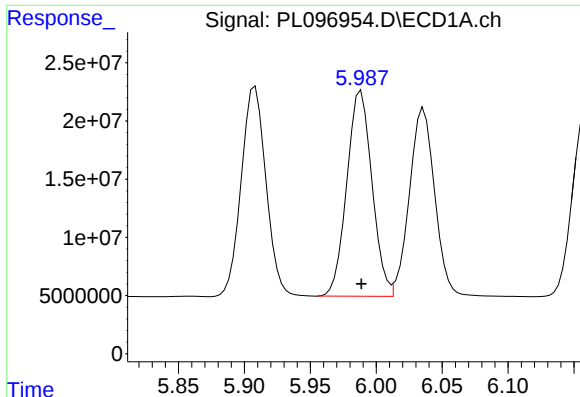
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.001 min
Response: 236799685
Conc: 51.42 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 374778139
Conc: 56.69 ng/ml



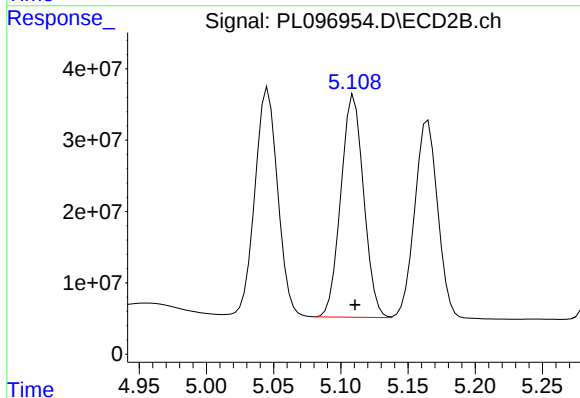
#11 alpha-Chlordane

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 234524064
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

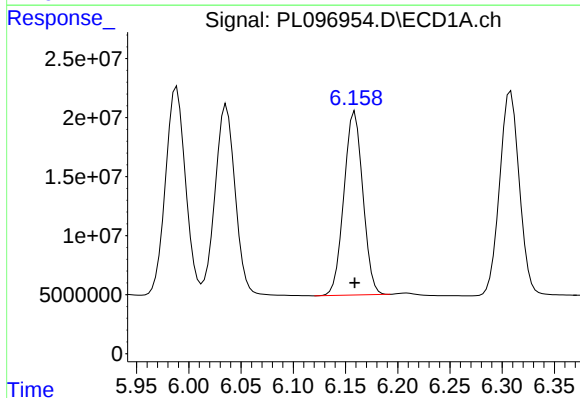
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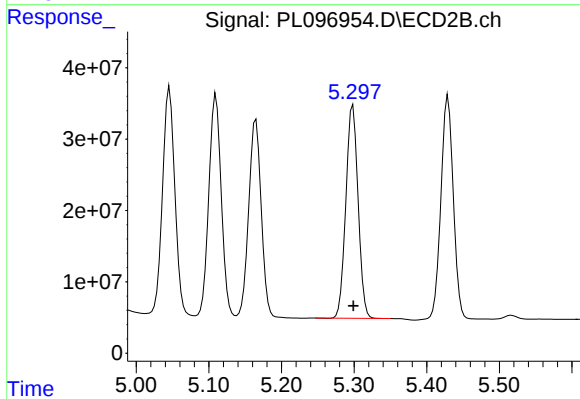
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 366918504
Conc: 56.19 ng/ml



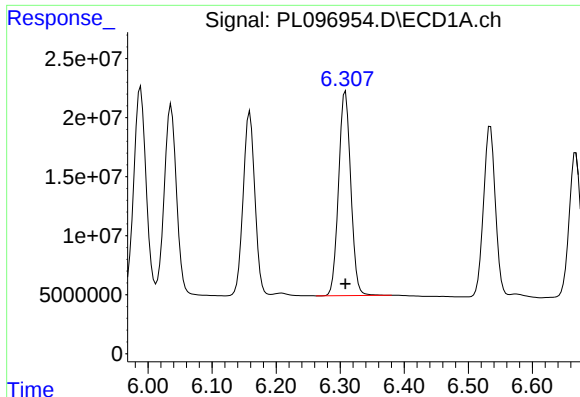
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 195834232
Conc: 49.08 ng/ml



#12 4,4'-DDE

R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 350877301
Conc: 57.01 ng/ml



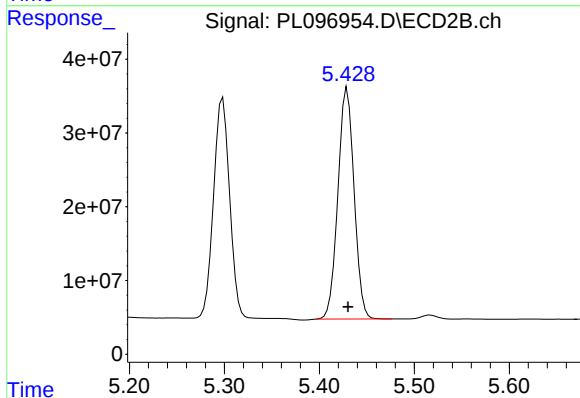
#13 Dieldrin

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 228545430
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

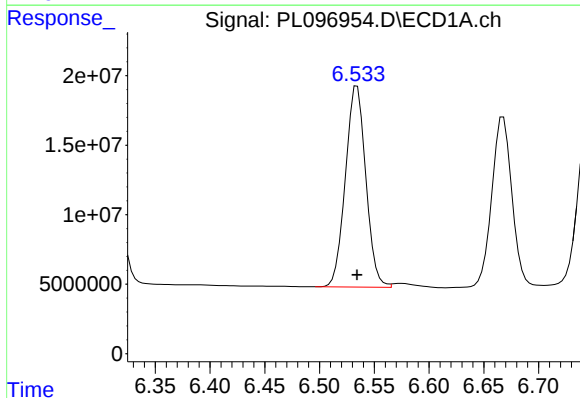
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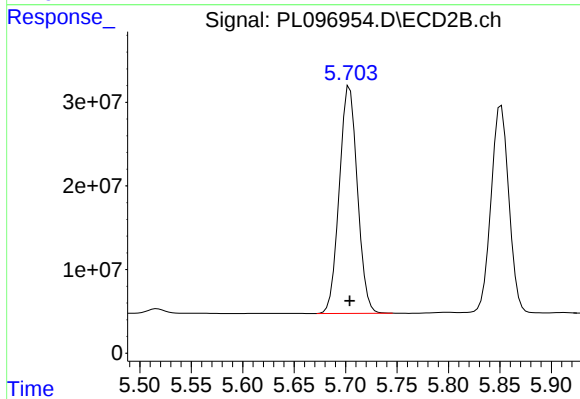
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.002 min
Response: 372068241
Conc: 56.78 ng/ml m



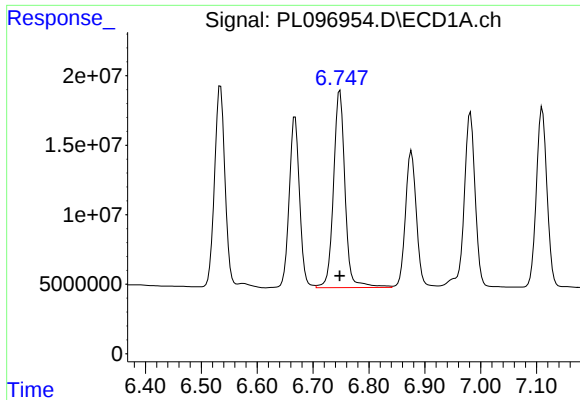
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 187562079
Conc: 50.08 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 332418624
Conc: 56.27 ng/ml



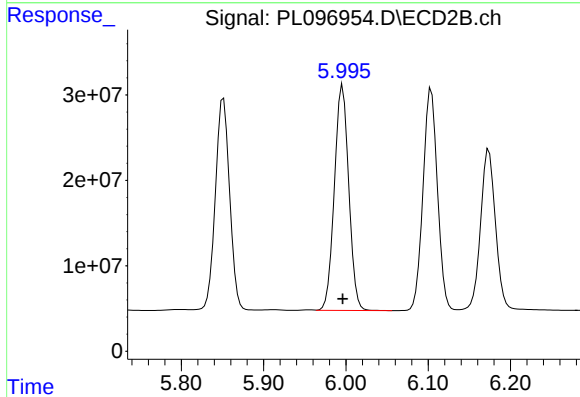
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: 0.000 min
Response: 203573377
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

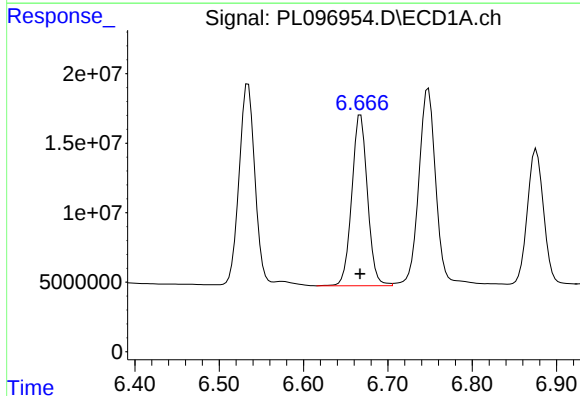
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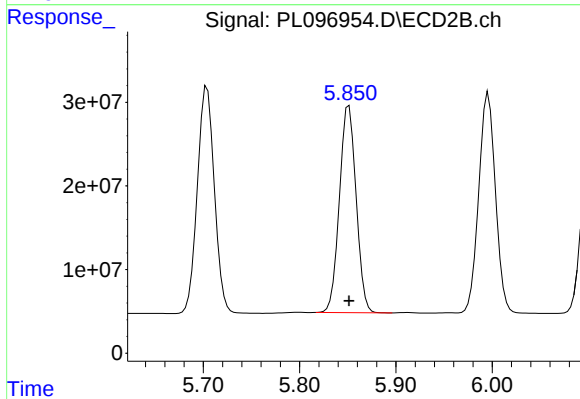
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 319501591
Conc: 55.87 ng/ml



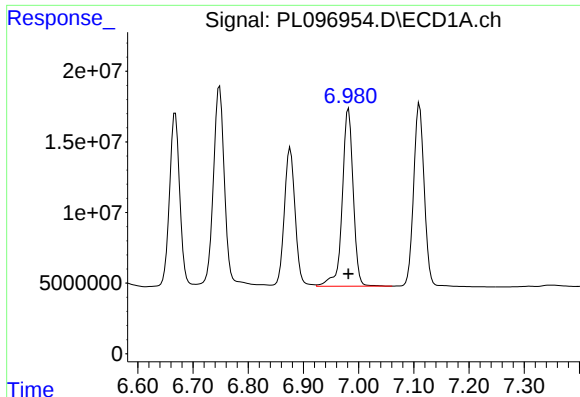
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 158753747
Conc: 50.31 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 297528393
Conc: 56.97 ng/ml



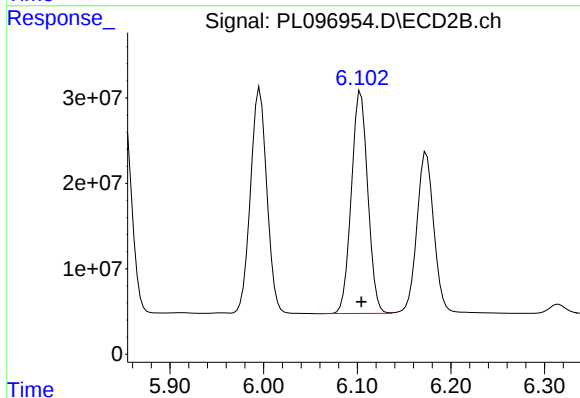
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 173564221
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

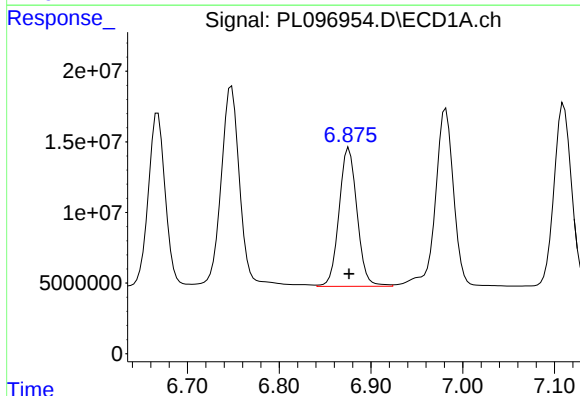
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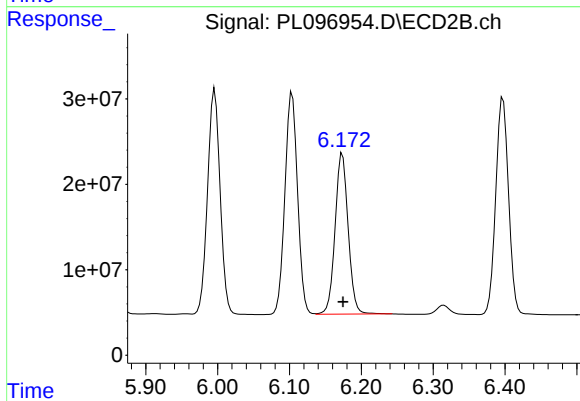
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 316922763
Conc: 57.86 ng/ml



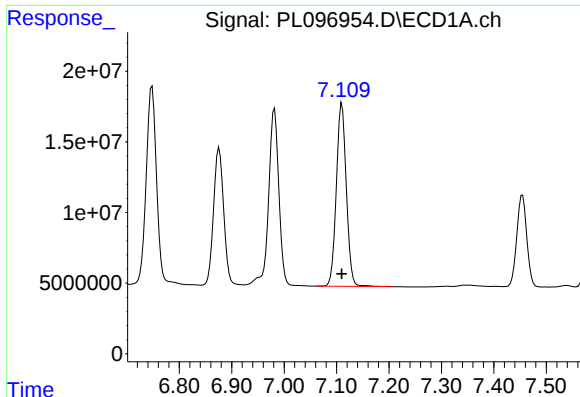
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 133577844
Conc: 51.35 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 237676491
Conc: 57.88 ng/ml



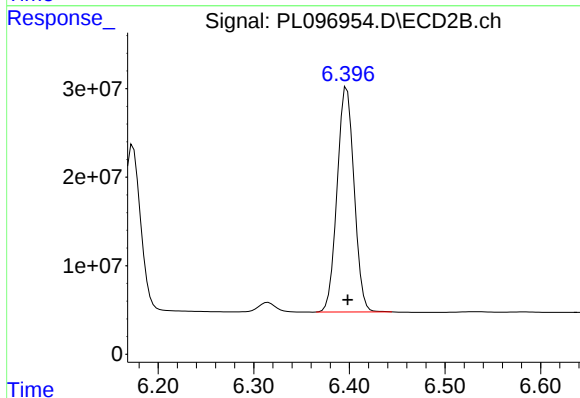
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: 0.000 min
Response: 172321092
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

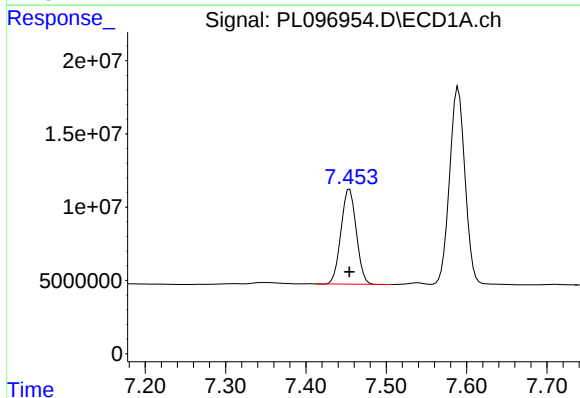
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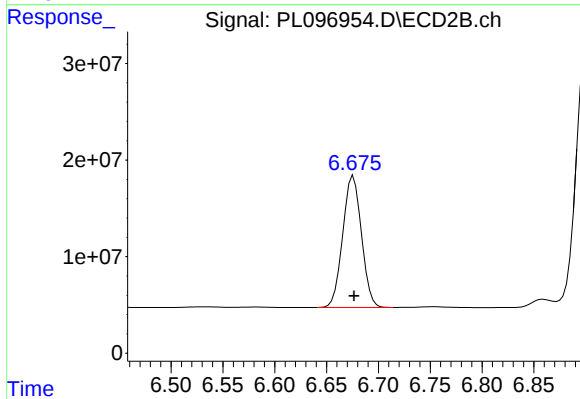
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 314005834
Conc: 56.04 ng/ml



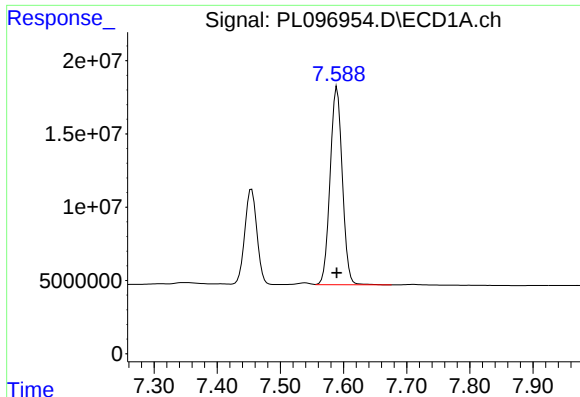
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 85642799
Conc: 49.35 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 171434909
Conc: 57.15 ng/ml



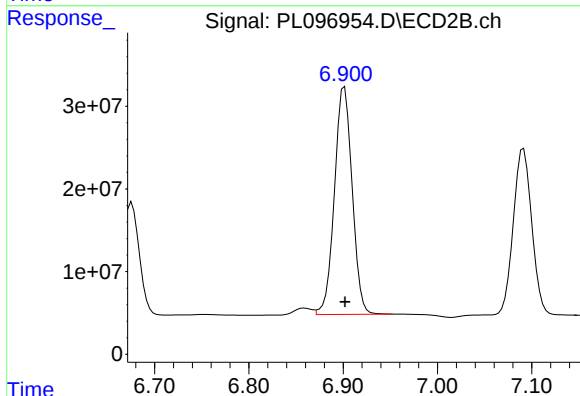
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 180988981
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

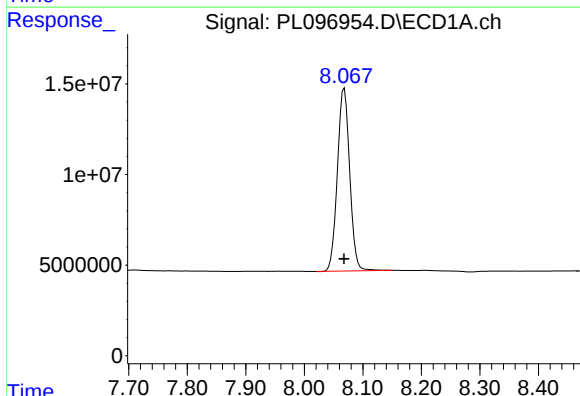
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



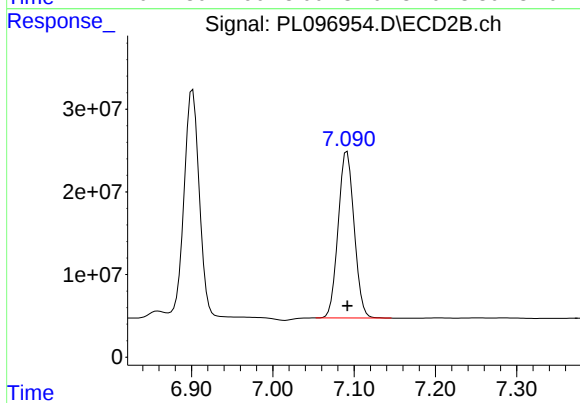
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 359817047
Conc: 57.49 ng/ml



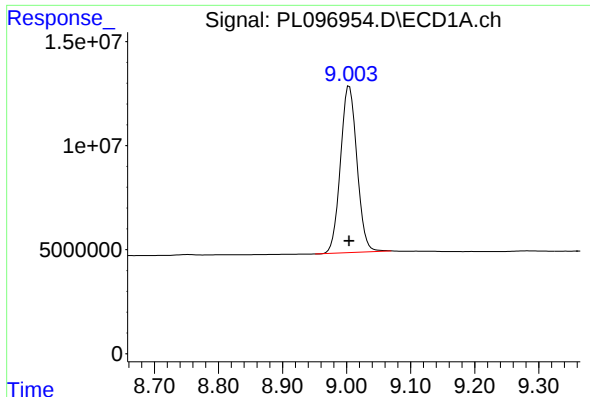
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 147732562
Conc: 49.38 ng/ml



#22 Mirex

R.T.: 7.091 min
Delta R.T.: 0.000 min
Response: 274441703
Conc: 56.51 ng/ml



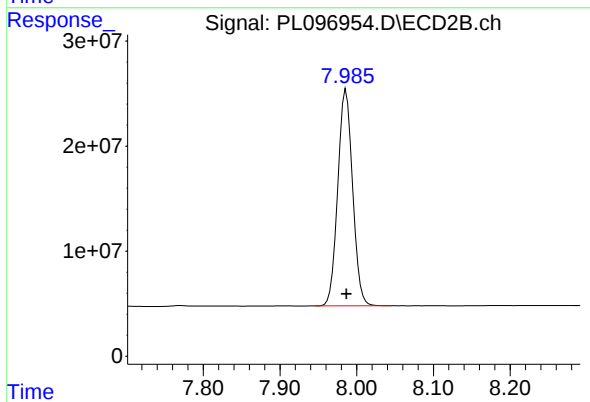
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: 0.000 min
Response: 142979665
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Reviewed By :Abdul Mirza 08/25/2025
Supervised By :mohammad ahmed 08/26/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 276572209
Conc: 57.67 ng/ml