

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070825\
 Data File : PL096273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 16:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/09/2025
 Supervised By :mohammad ahmed 07/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 01:57:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.537	2.828	186.2E6	292.1E6	51.030	50.605
28)	SA Decachlor...	9.021	7.996	137.7E6	248.3E6	48.959	49.790
Target Compounds							
2)	A alpha-BHC	3.985	3.335	266.9E6	436.5E6	51.888	51.751
3)	MA gamma-BHC...	4.313	3.667	258.5E6	404.6E6	51.917	51.371
4)	MA Heptachlor	4.906	4.016	240.8E6	391.8E6	52.553	51.504
5)	MB Aldrin	5.246	4.299	245.7E6	376.5E6	50.822	51.603
6)	B beta-BHC	4.499	3.963	107.5E6	172.5E6	51.717	50.385
7)	B delta-BHC	4.745	4.196	233.5E6	393.7E6	52.108	51.120
8)	B Heptachlo...	5.664	4.802	222.5E6	340.4E6	53.635m	50.915
9)	A Endosulfan I	6.047	5.173	205.6E6	317.4E6	50.932	44.238
10)	B gamma-Chl...	5.919	5.054	227.5E6	356.2E6	51.422	50.747
11)	B alpha-Chl...	6.000	5.118	222.6E6	350.7E6	50.840	46.628
12)	B 4,4'-DDE	6.169	5.307	185.9E6	331.9E6	50.152	51.345
13)	MA Dieldrin	6.319	5.438	214.2E6	348.2E6	50.661	51.066
14)	MA Endrin	6.545	5.712	162.2E6	307.5E6	52.164	50.434
15)	B Endosulfa...	6.758	6.004	181.9E6	296.0E6	52.407	50.486
16)	A 4,4'-DDD	6.678	5.859	150.2E6	260.9E6	51.596	50.862
17)	MA 4,4'-DDT	6.992	6.112	158.7E6	289.0E6	52.300	50.391
18)	B Endrin al...	6.886	6.182	126.7E6	220.6E6	56.670	49.532
19)	B Endosulfa...	7.120	6.406	157.5E6	284.6E6	51.479	50.597
20)	A Methoxychlor	7.465	6.685	81073569	153.1E6	51.462	50.386
21)	B Endrin ke...	7.600	6.910	169.0E6	315.1E6	51.185	50.393
22)	Mirex	8.079	7.101	137.8E6	246.0E6	49.536	49.517

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070825\
Data File : PL096273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

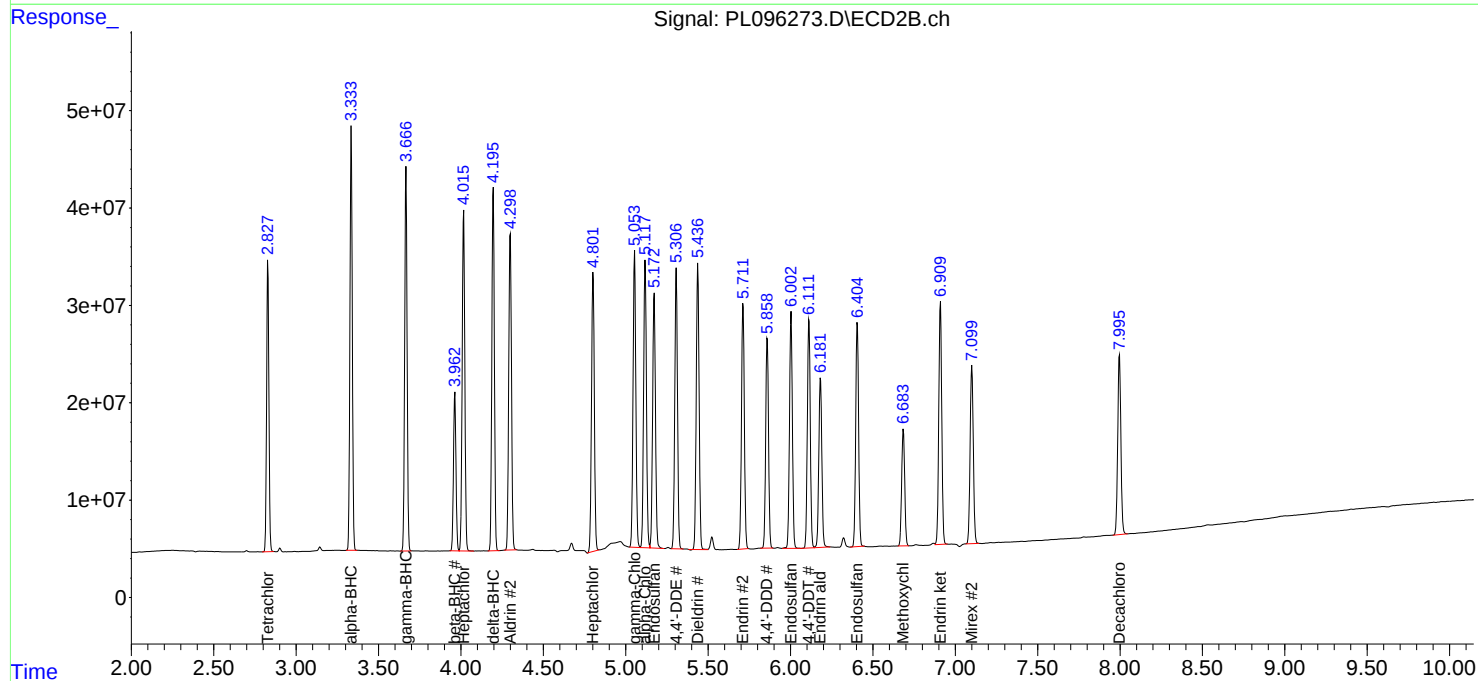
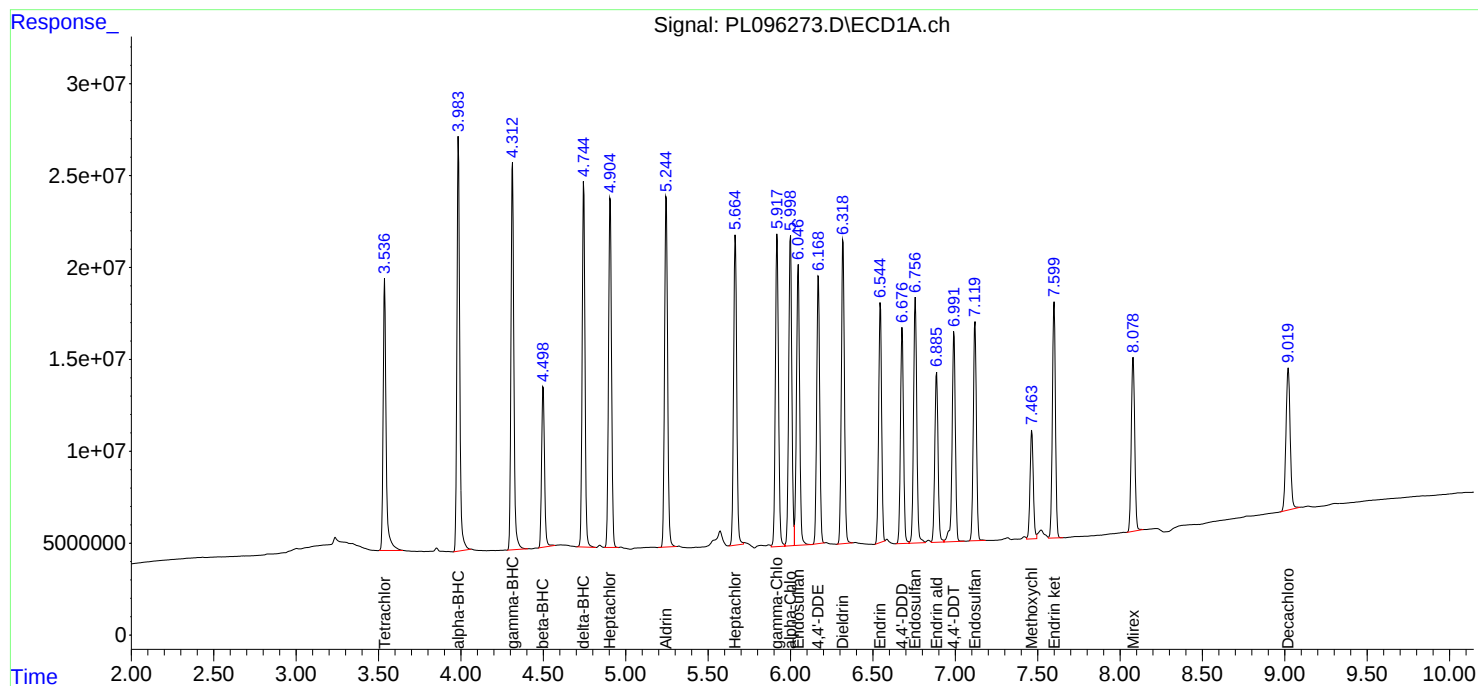
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

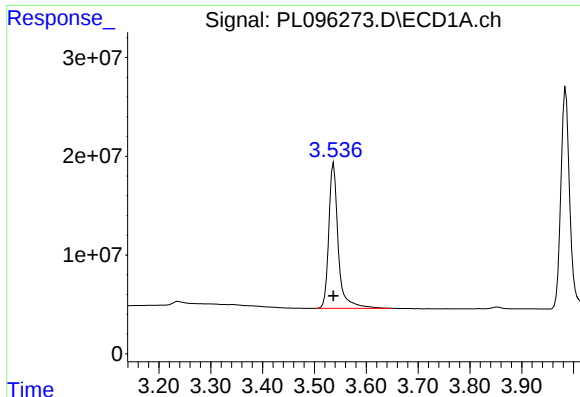
Manual Integrations
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Supervised By :mohammad ahmed 07/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





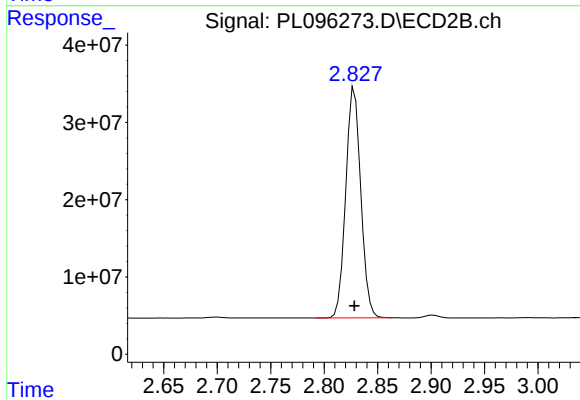
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 186206466
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

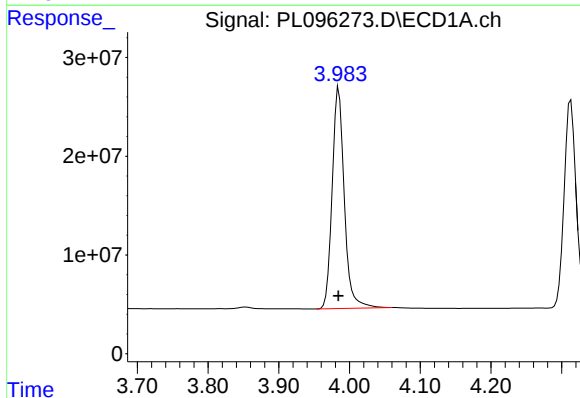
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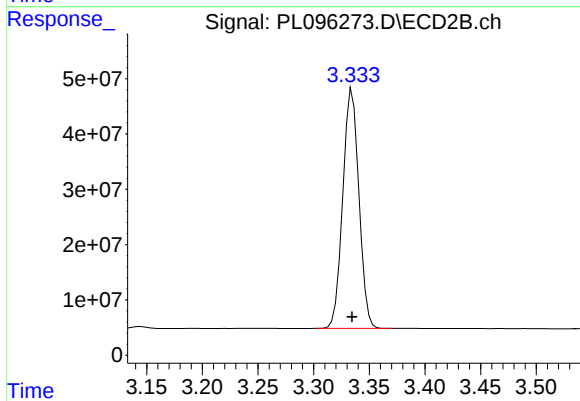
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 292054723
Conc: 50.61 ng/ml



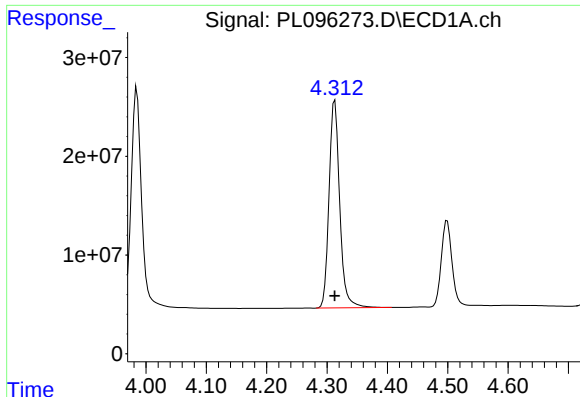
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 266865560
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 436482815
Conc: 51.75 ng/ml



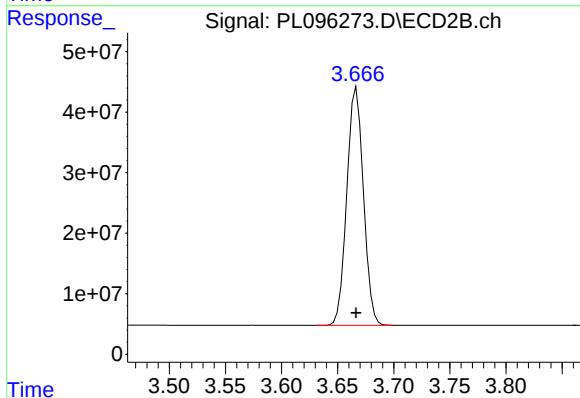
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 258526055
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

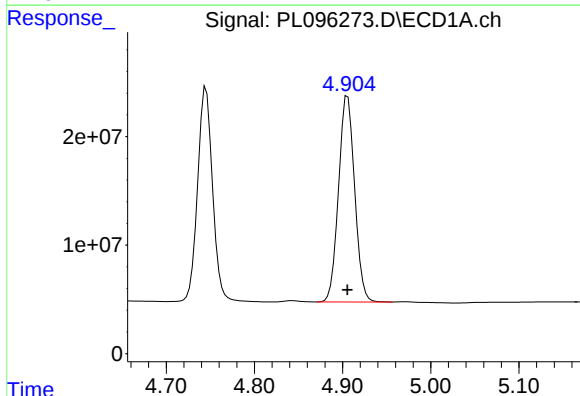
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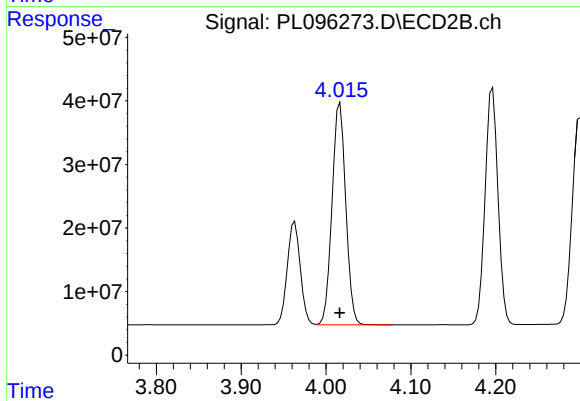
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 404588689
Conc: 51.37 ng/ml



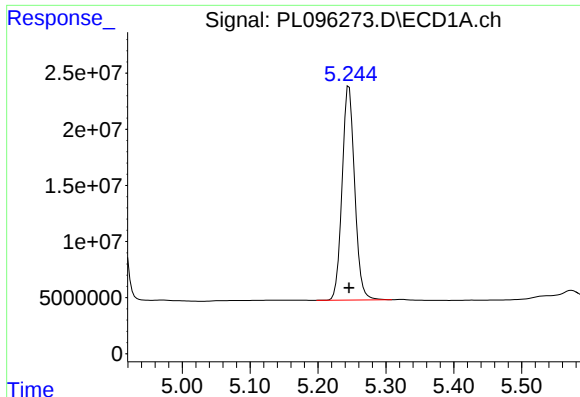
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 240758259
Conc: 52.55 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 391833108
Conc: 51.50 ng/ml



#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 245657879
Conc: 50.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

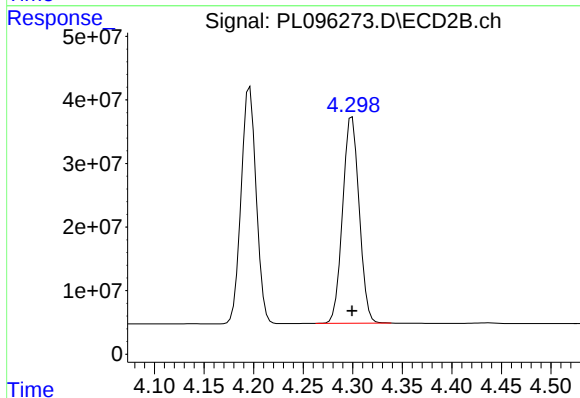
PSTDCCC050

Manual Integrations

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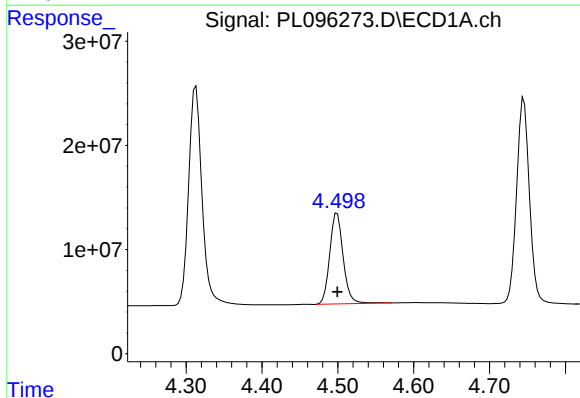
Reviewed By :Abdul Mirza 07/09/2025

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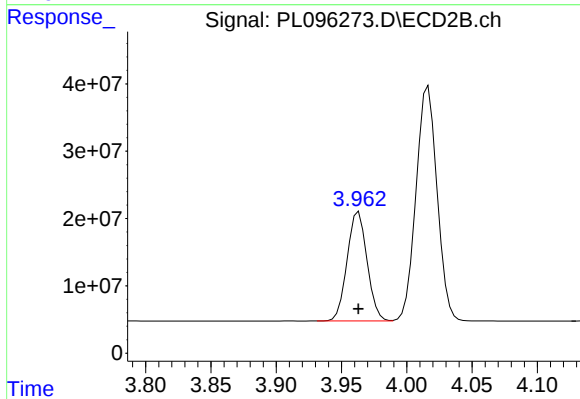
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 376478446
Conc: 51.60 ng/ml



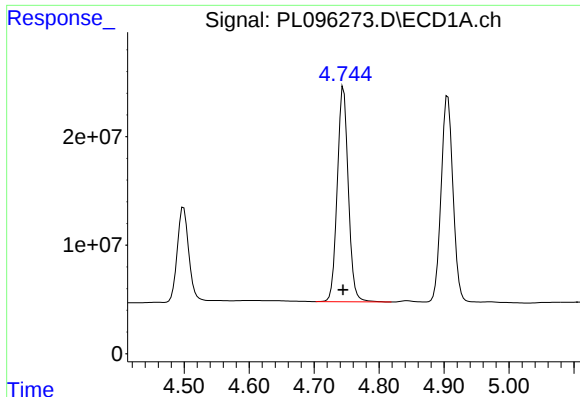
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 107508349
Conc: 51.72 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 172512829
Conc: 50.38 ng/ml



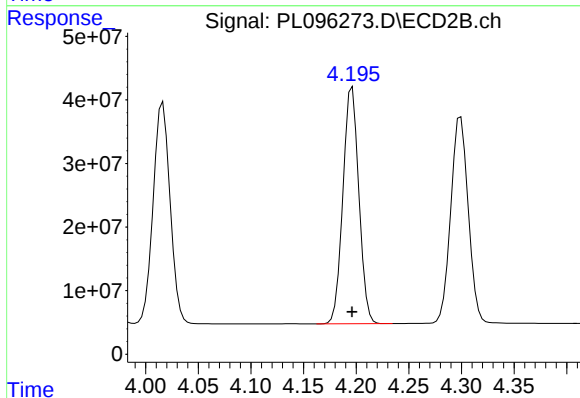
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 233514019
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

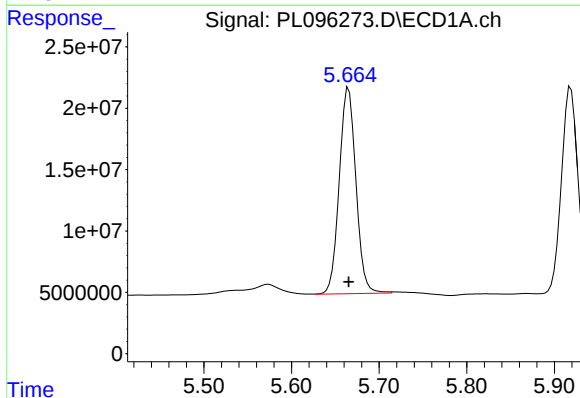
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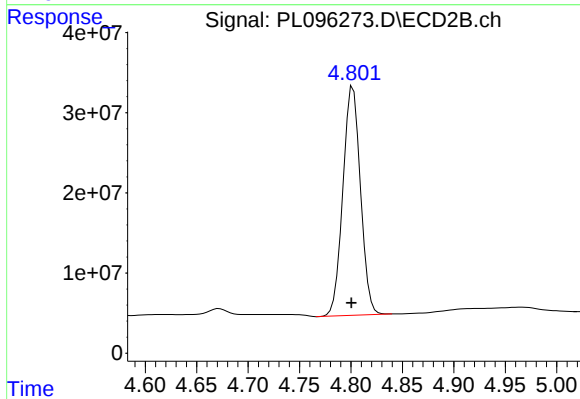
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 393718430
Conc: 51.12 ng/ml



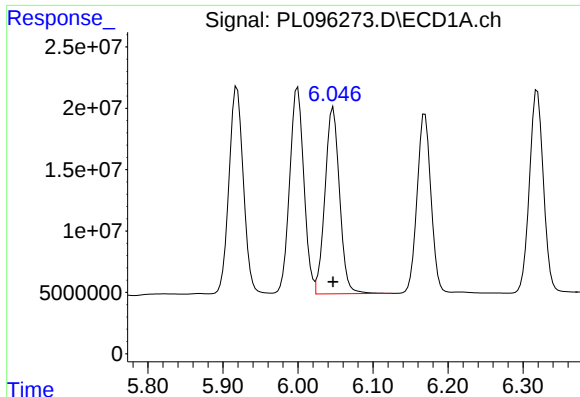
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 222541065
Conc: 53.64 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 340360633
Conc: 50.91 ng/ml



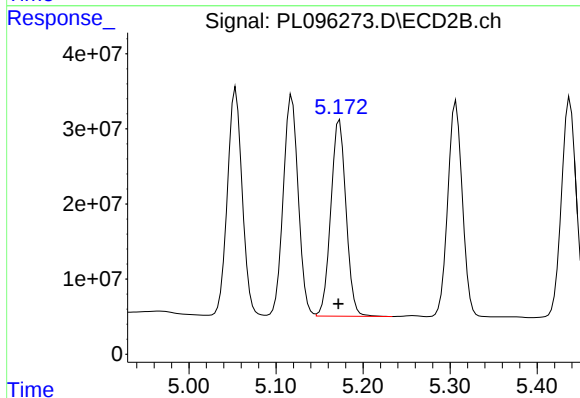
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 205623936
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

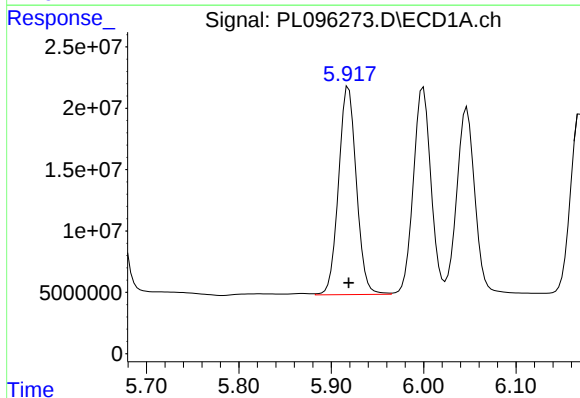
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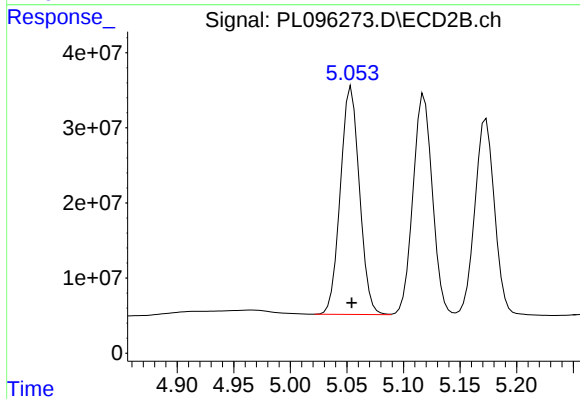
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 317370875
Conc: 44.24 ng/ml



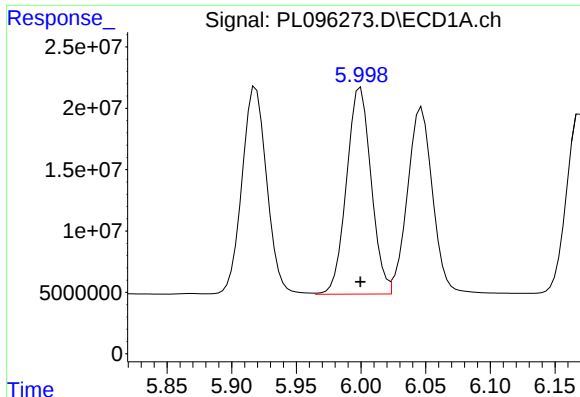
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 227532462
Conc: 51.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 356230366
Conc: 50.75 ng/ml



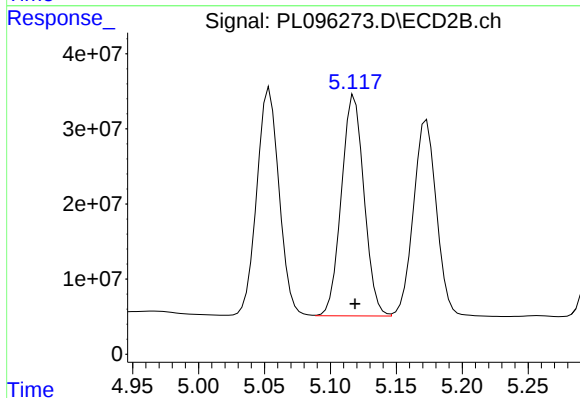
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 222619535
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

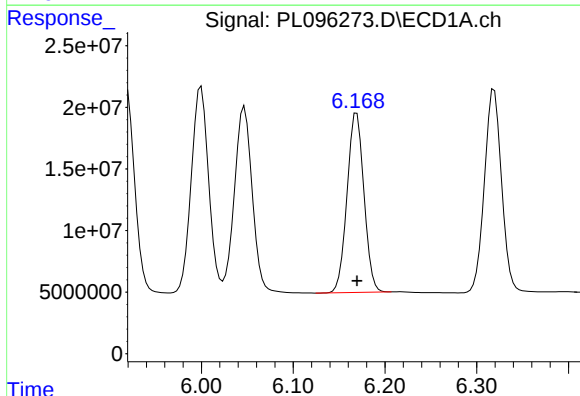
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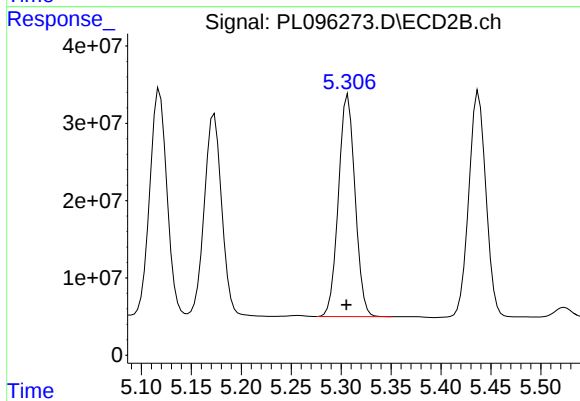
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 350650418
Conc: 46.63 ng/ml



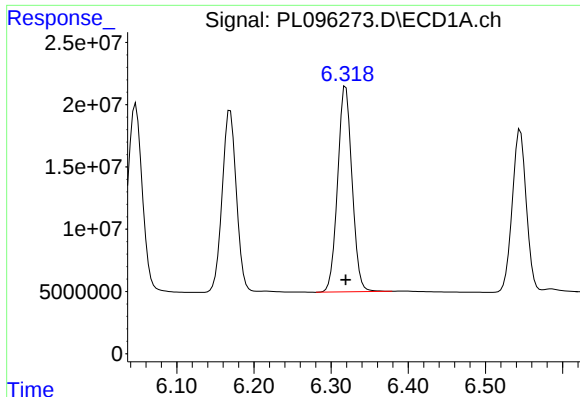
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 185936086
Conc: 50.15 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.001 min
Response: 331875587
Conc: 51.34 ng/ml



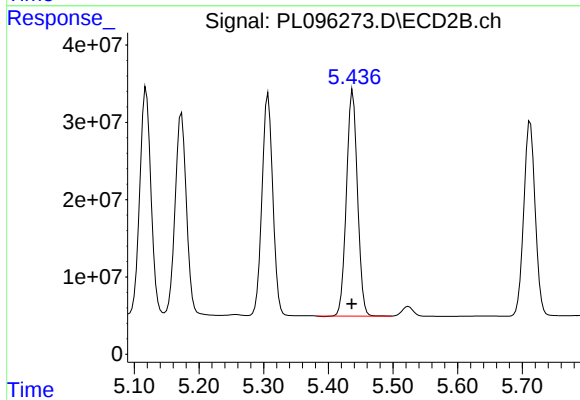
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 214214895
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

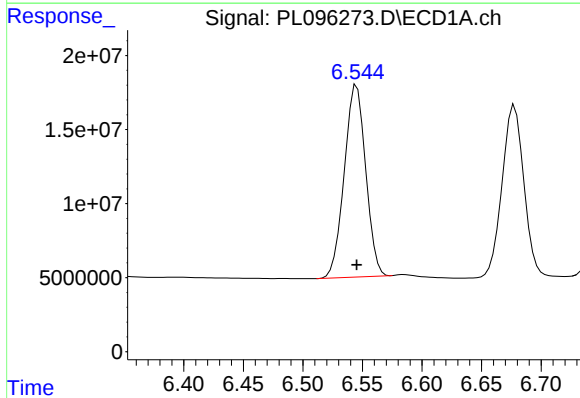
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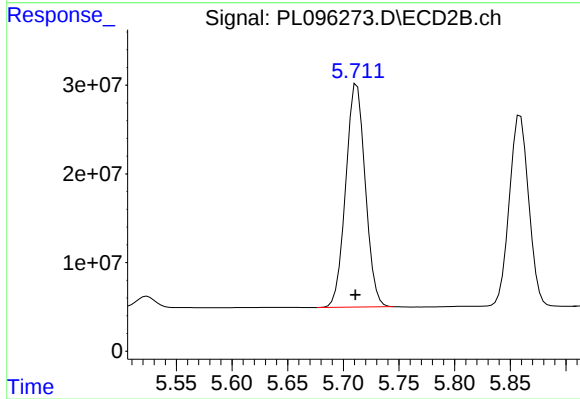
#13 Dieldrin

R.T.: 5.438 min
Delta R.T.: 0.002 min
Response: 348229683
Conc: 51.07 ng/ml



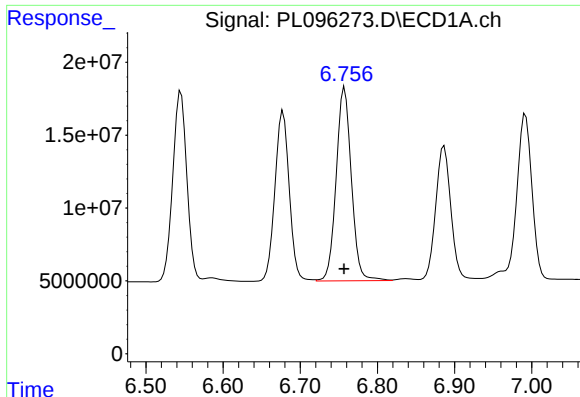
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 162239644
Conc: 52.16 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.002 min
Response: 307473238
Conc: 50.43 ng/ml



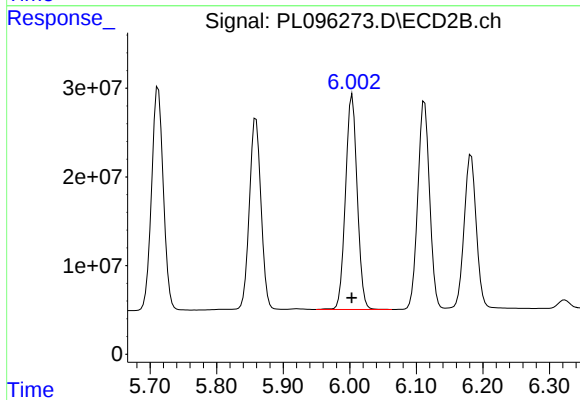
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 181856434
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

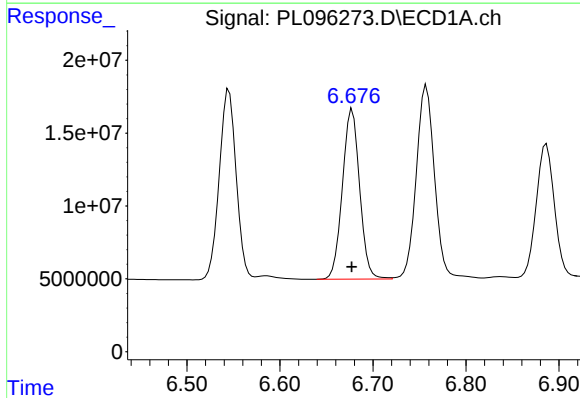
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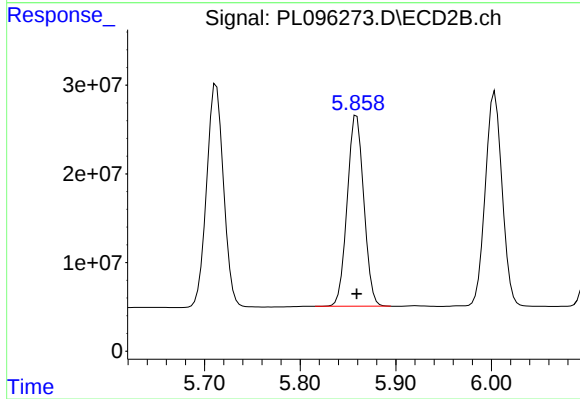
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 296042746
Conc: 50.49 ng/ml



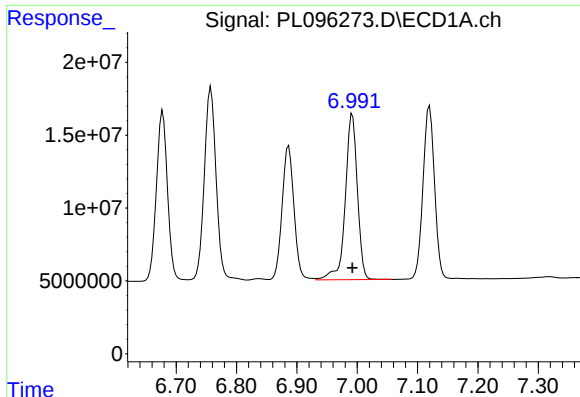
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 150232853
Conc: 51.60 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 260855322
Conc: 50.86 ng/ml



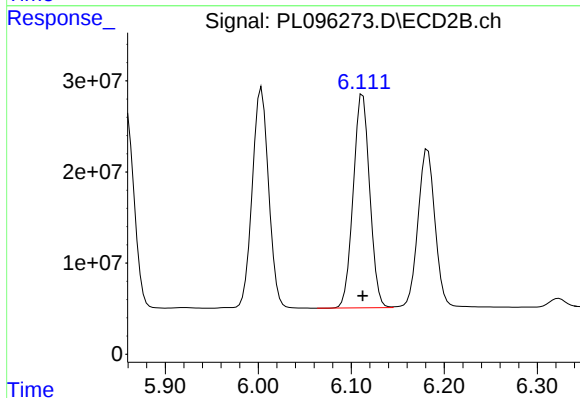
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 158741257
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

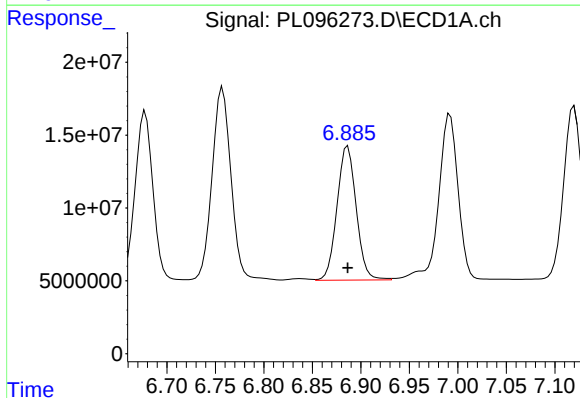
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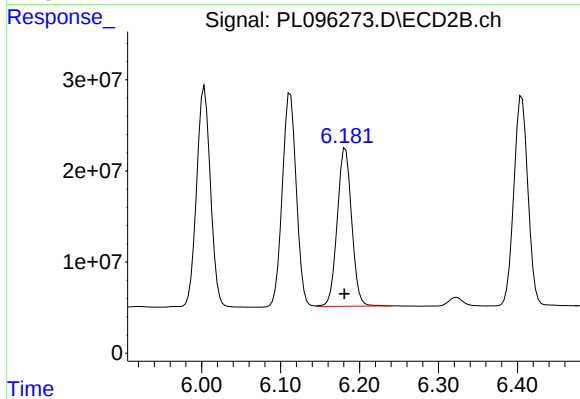
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 289001296
Conc: 50.39 ng/ml



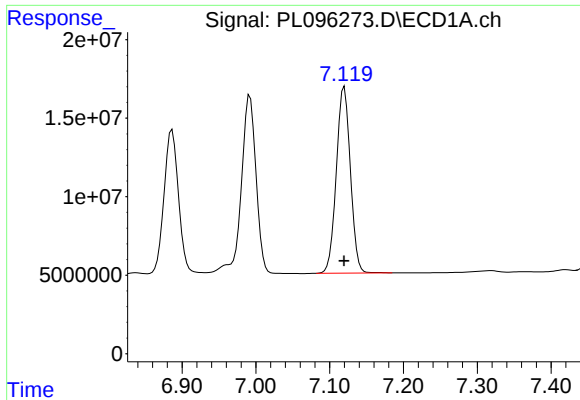
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 126688308
Conc: 56.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.001 min
Response: 220645989
Conc: 49.53 ng/ml



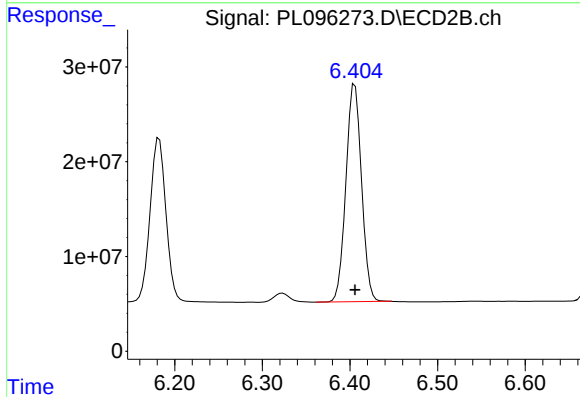
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 157466487
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

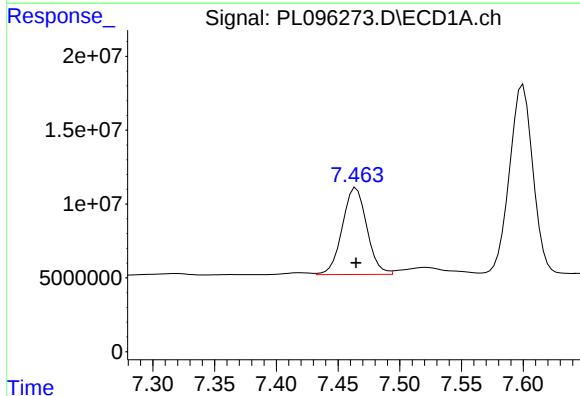
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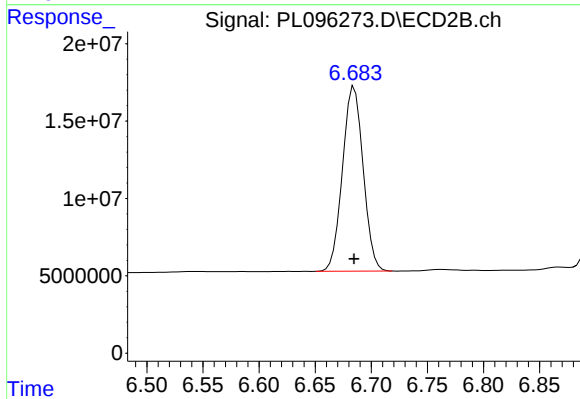
#19 Endosulfan Sulfate

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 284576396
Conc: 50.60 ng/ml



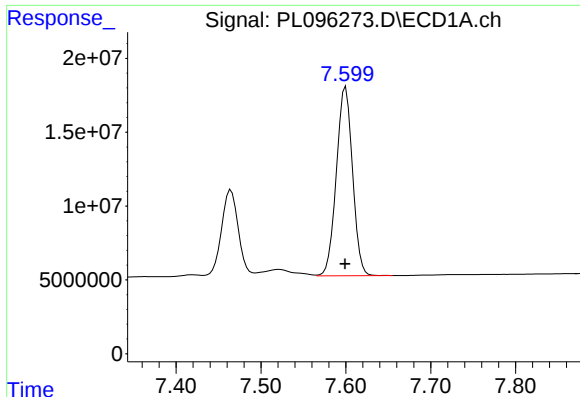
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 81073569
Conc: 51.46 ng/ml



#20 Methoxychlor

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 153062587
Conc: 50.39 ng/ml



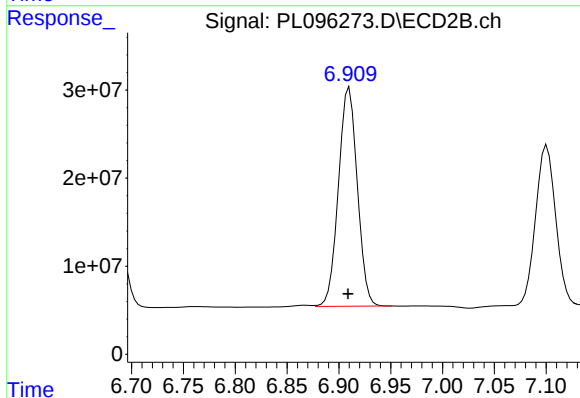
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 168994702
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

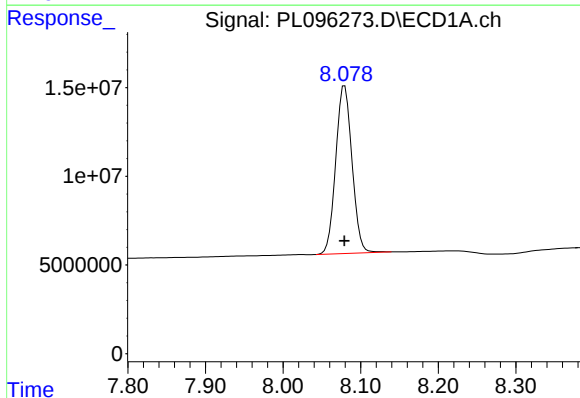
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/09/2025
Supervised By :mohammad ahmed 07/14/2025



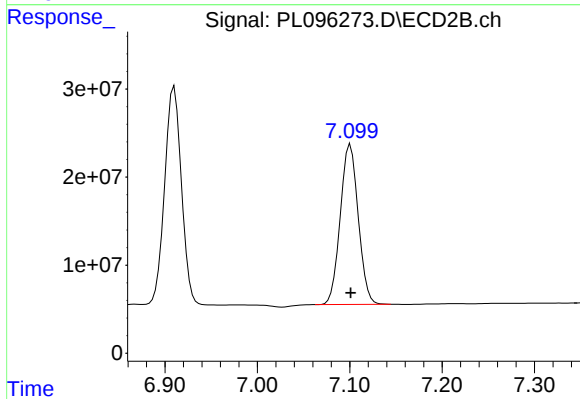
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.001 min
Response: 315071065
Conc: 50.39 ng/ml



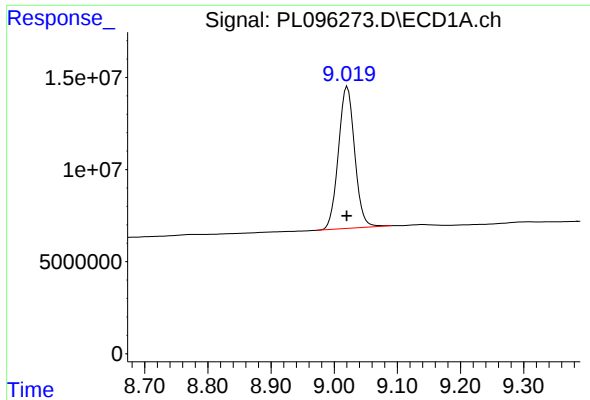
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 137819063
Conc: 49.54 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 246011459
Conc: 49.52 ng/ml



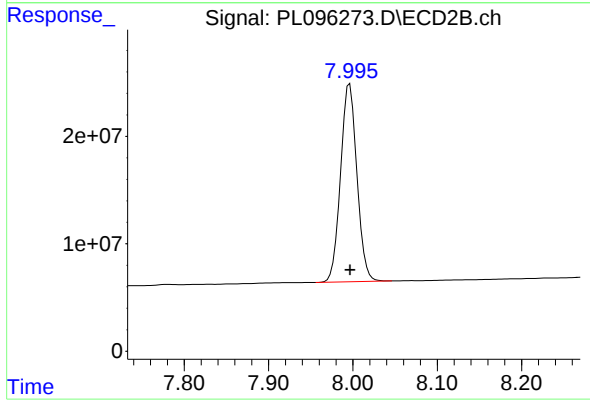
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 137724320
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 07/14/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 248279109
Conc: 49.79 ng/ml