

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096553.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 11:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2025
 Supervised By : mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:30:26 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...	3.535	2.827	201.2E6	330.2E6	55.147	57.215
28)	SA Decachlor...	9.017	7.993	154.0E6	234.8E6	54.746	47.086
Target Compounds							
2)	A alpha-BHC	3.983	3.332	296.9E6	495.7E6	57.727	58.771
3)	MA gamma-BHC...	4.311	3.664	284.3E6	455.2E6	57.097	57.791
4)	MA Heptachlor	4.903	4.013	248.2E6	418.5E6	54.185	55.011
5)	MB Aldrin	5.243	4.296	262.5E6	419.0E6	54.307	57.431
6)	B beta-BHC	4.497	3.960	118.6E6	190.5E6	57.049	55.643
7)	B delta-BHC	4.743	4.193	260.9E6	442.8E6	58.220	57.486
8)	B Heptachlo...	5.662	4.798	240.1E6	376.0E6	57.859	56.249
9)	A Endosulfan I	6.045	5.169	223.4E6	340.0E6	55.323	47.388
10)	B gamma-Chl...	5.915	5.050	235.4E6	397.3E6	53.200m	56.603
11)	B alpha-Chl...	5.997	5.114	240.7E6	387.1E6	54.961	51.471
12)	B 4,4'-DDE	6.167	5.304	199.3E6	359.6E6	53.754	55.639
13)	MA Dieldrin	6.316	5.432	218.2E6	385.9E6	51.596	56.585m
14)	MA Endrin	6.543	5.709	163.9E6	341.7E6	52.689	56.046
15)	B Endosulfa...	6.756	6.000	181.5E6	311.8E6	52.315	53.170
16)	A 4,4'-DDD	6.676	5.856	173.8E6	306.7E6	59.703	59.794
17)	MA 4,4'-DDT	6.990	6.109	139.2E6	269.7E6	45.868	47.034
18)	B Endrin al...	6.885	6.179	125.1E6	232.6E6	55.962	52.217
19)	B Endosulfa...	7.118	6.402	152.6E6	290.2E6	49.890	51.596
20)	A Methoxychlor	7.463	6.681	91202144	166.1E6	57.892	54.675
21)	B Endrin ke...	7.598	6.906	159.3E6	314.5E6	48.264	50.302
22)	Mirex	8.077	7.097	130.8E6	222.6E6	47.030	44.810

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 11:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

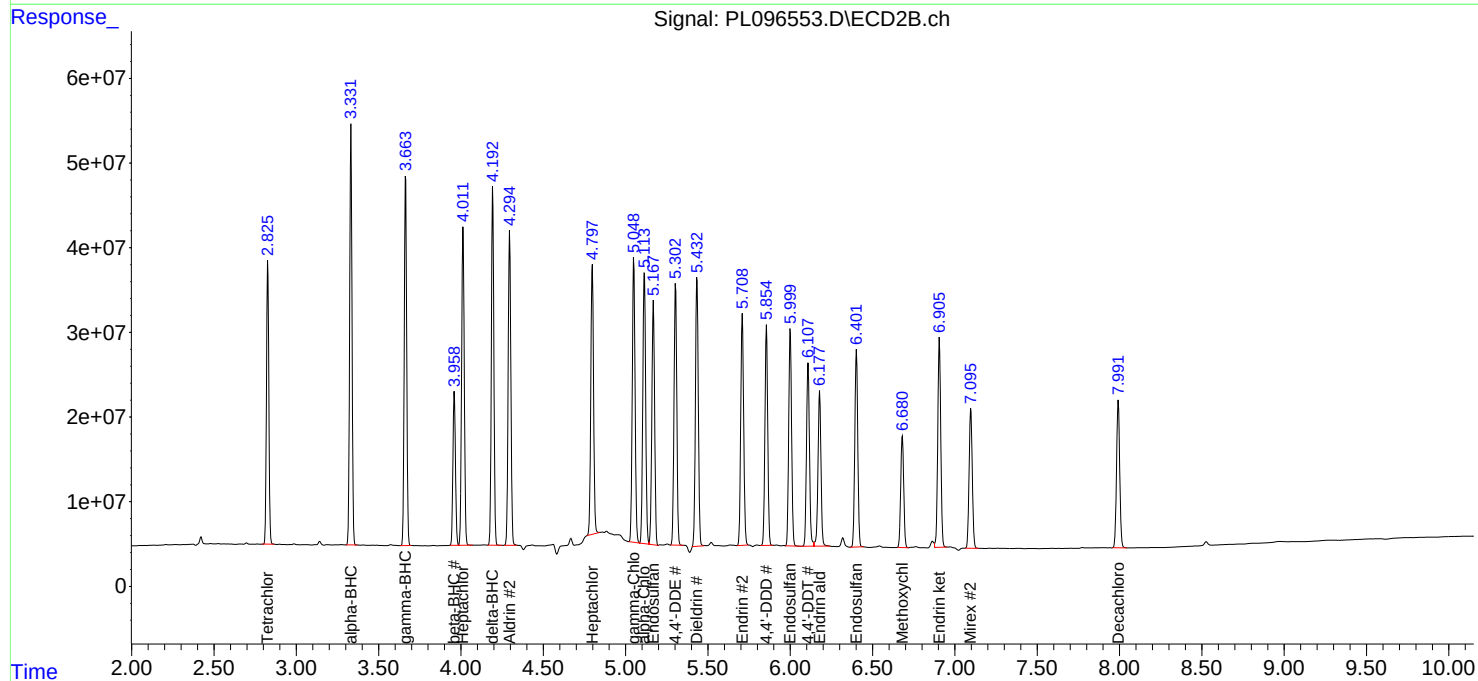
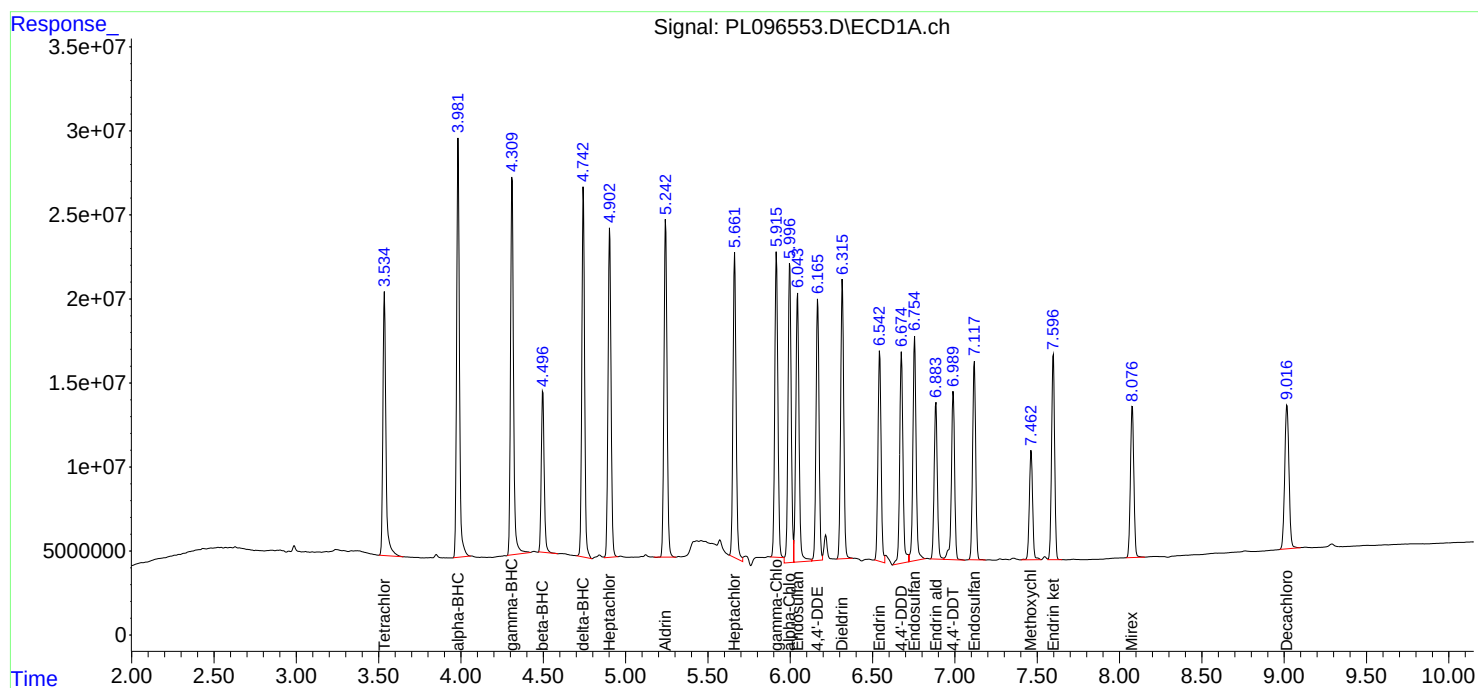
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

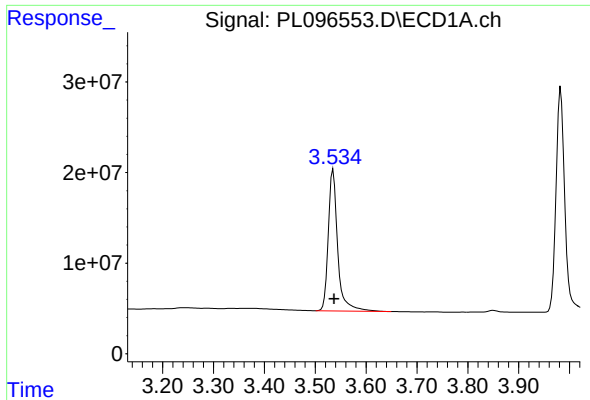
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:26 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





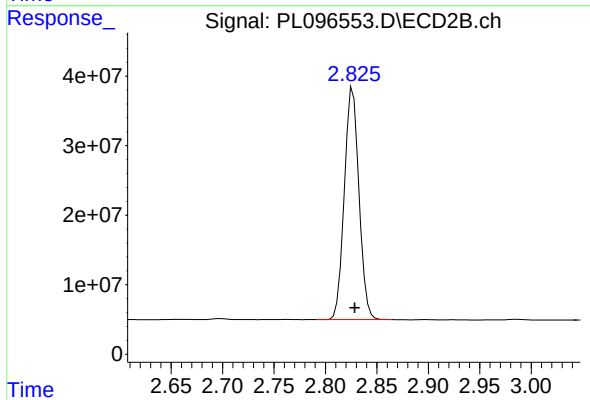
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 201231368
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

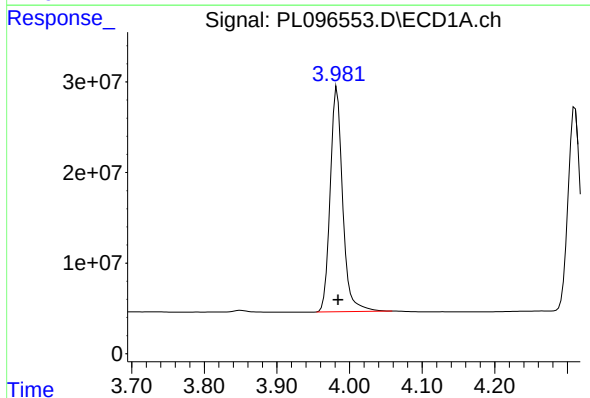
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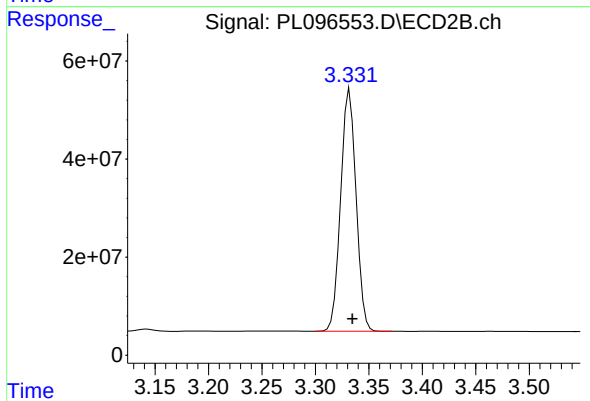
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.002 min
Response: 330198602
Conc: 57.21 ng/ml



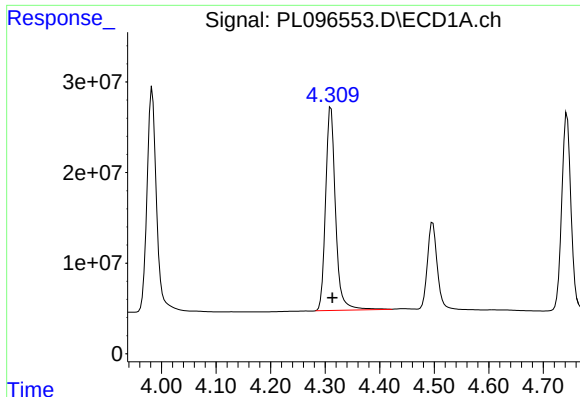
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 296896357
Conc: 57.73 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 495698936
Conc: 58.77 ng/ml



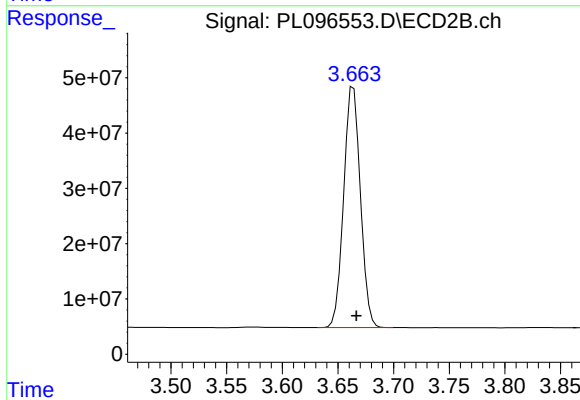
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 284322695
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

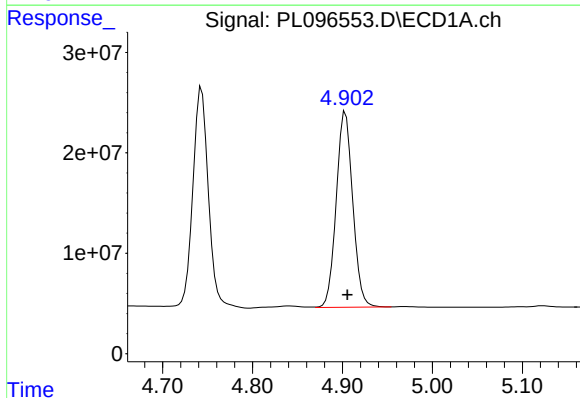
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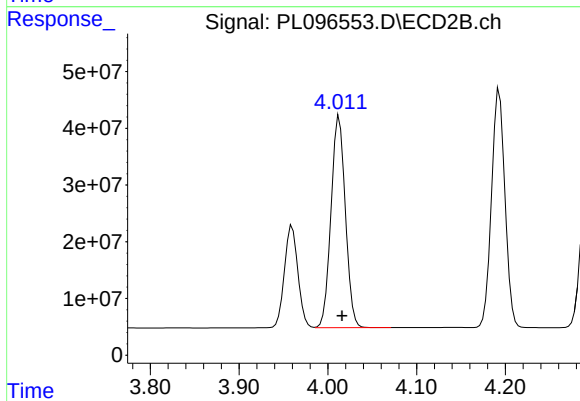
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.003 min
Response: 455155059
Conc: 57.79 ng/ml



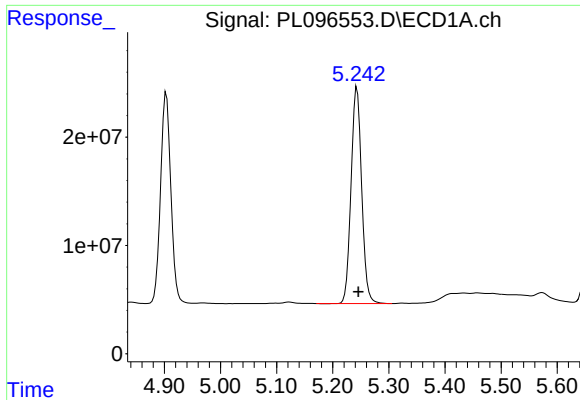
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: -0.002 min
Response: 248233410
Conc: 54.19 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 418509396
Conc: 55.01 ng/ml



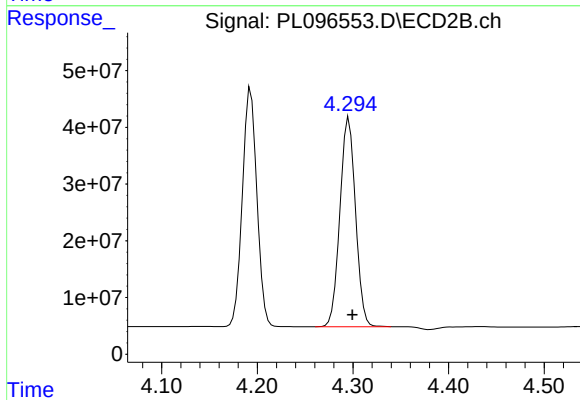
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 262506923
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

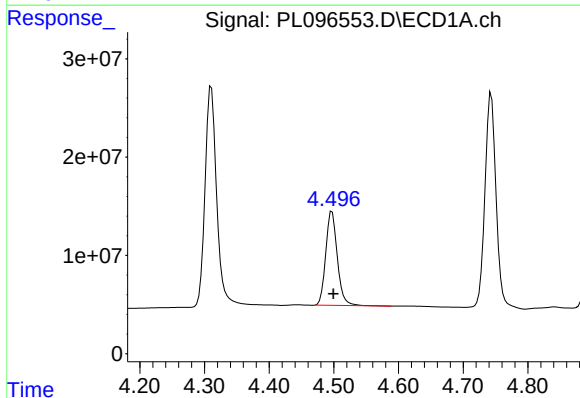
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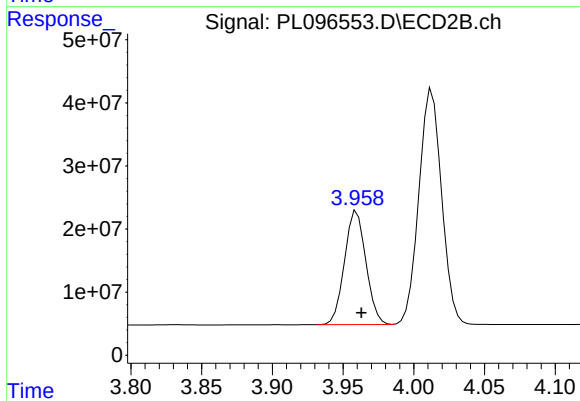
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.003 min
Response: 418992460
Conc: 57.43 ng/ml



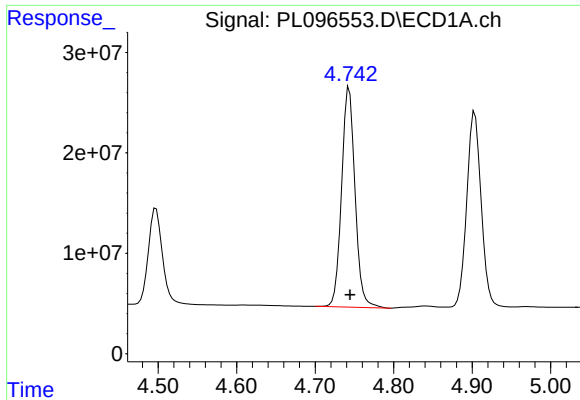
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 118594270
Conc: 57.05 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 190518235
Conc: 55.64 ng/ml



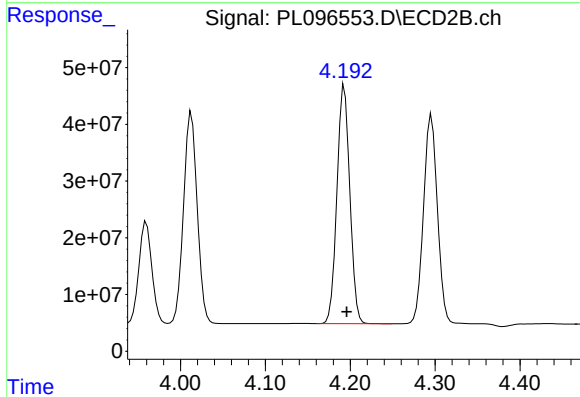
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 260901042
Conc: 58.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

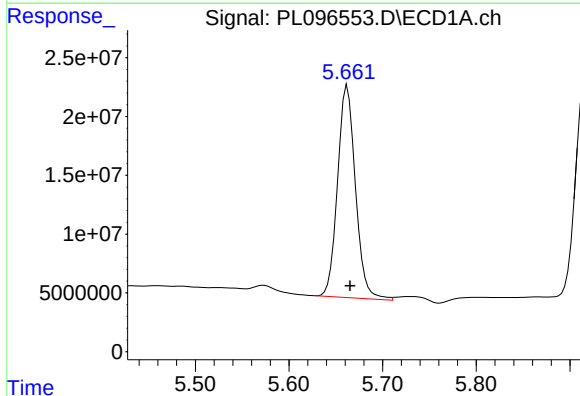
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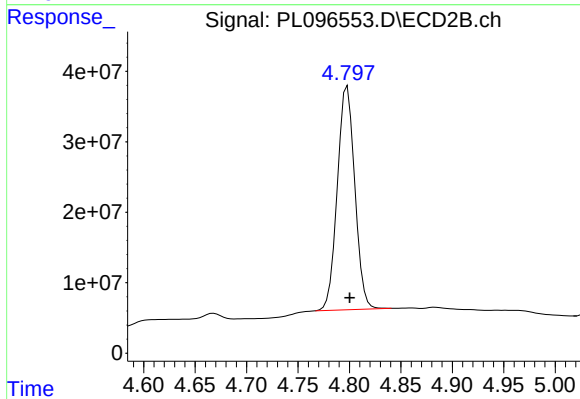
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 442754926
Conc: 57.49 ng/ml



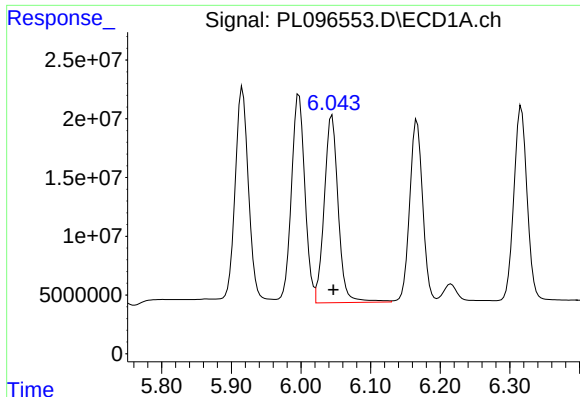
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 240066324
Conc: 57.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 376020602
Conc: 56.25 ng/ml



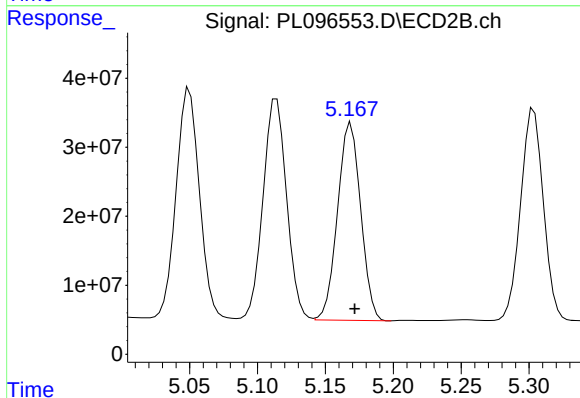
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 223352468
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

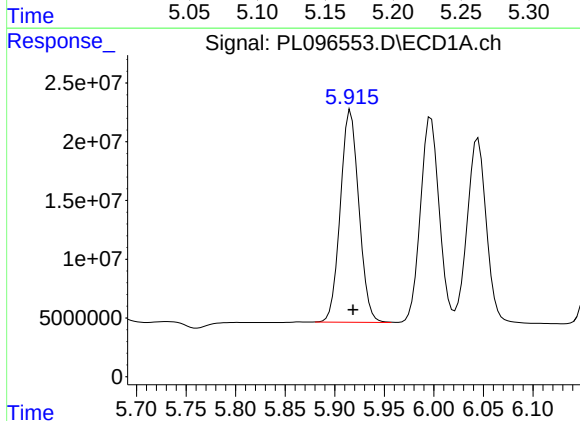
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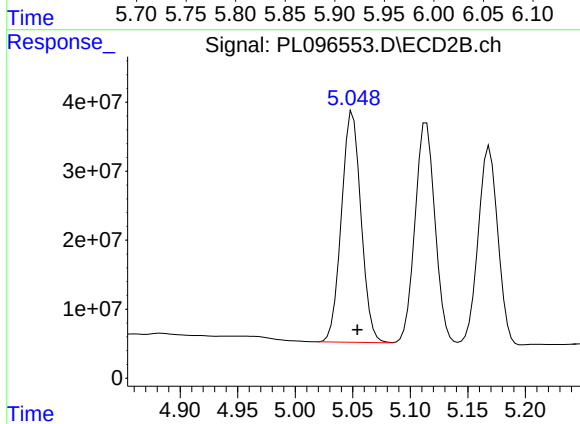
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 339970645
Conc: 47.39 ng/ml



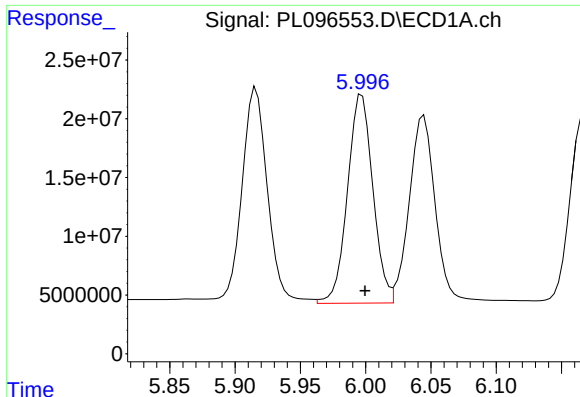
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 235401017
Conc: 53.20 ng/ml m



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 397334875
Conc: 56.60 ng/ml



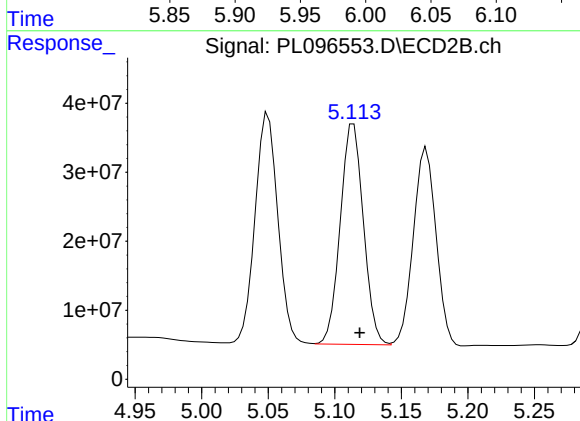
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 240666850
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

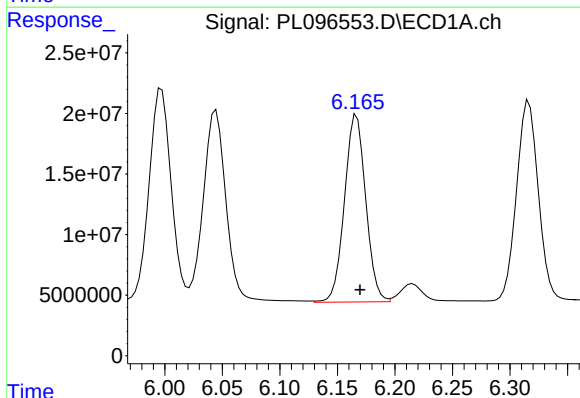
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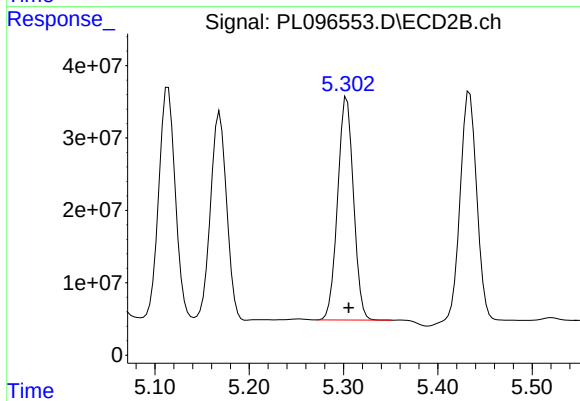
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 387073554
Conc: 51.47 ng/ml



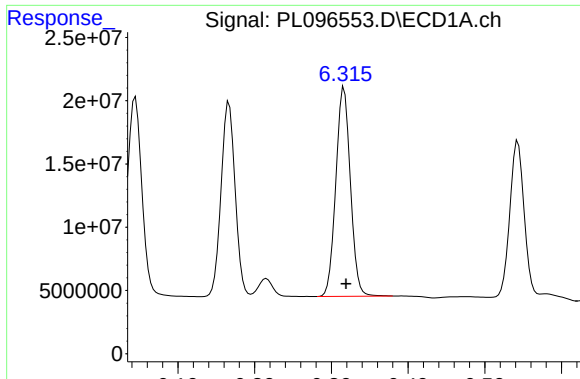
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 199290318
Conc: 53.75 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 359635819
Conc: 55.64 ng/ml



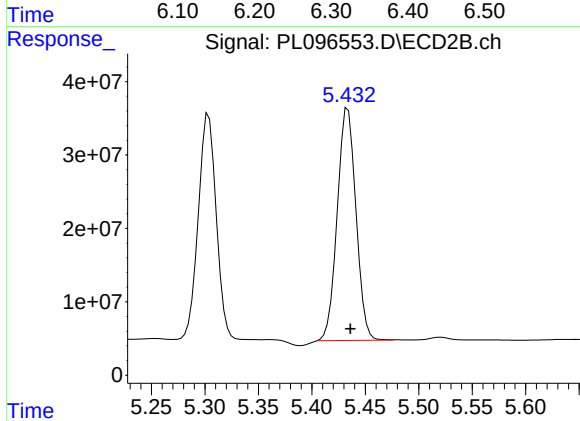
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 218167154
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

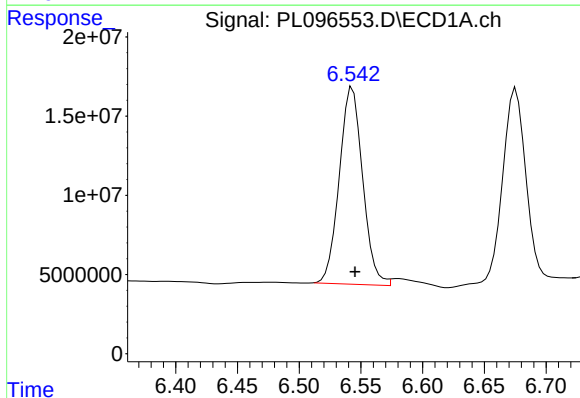
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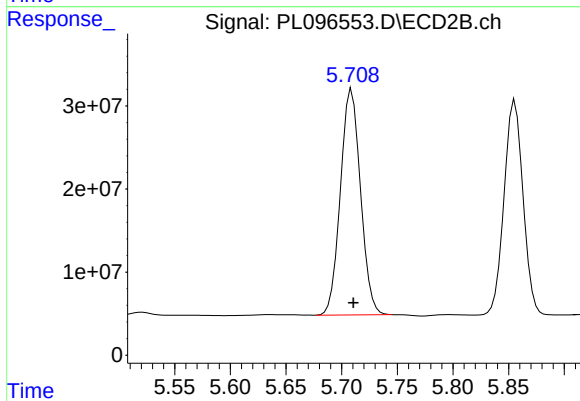
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 385869975
Conc: 56.59 ng/ml m



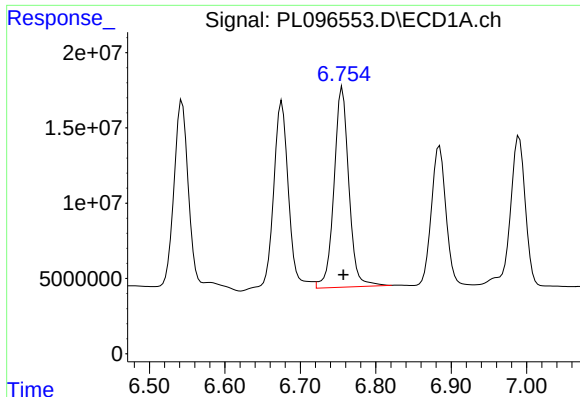
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 163873210
Conc: 52.69 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 341682352
Conc: 56.05 ng/ml



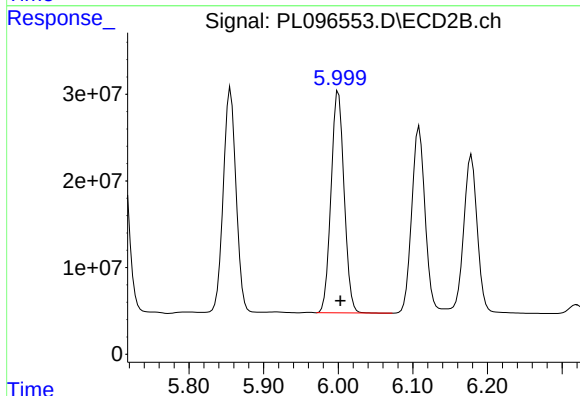
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 181535461
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

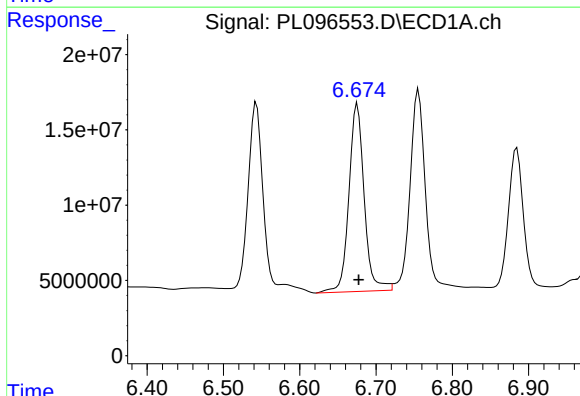
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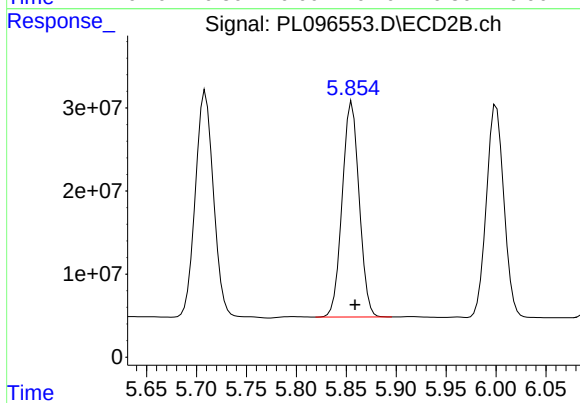
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 311781507
Conc: 53.17 ng/ml



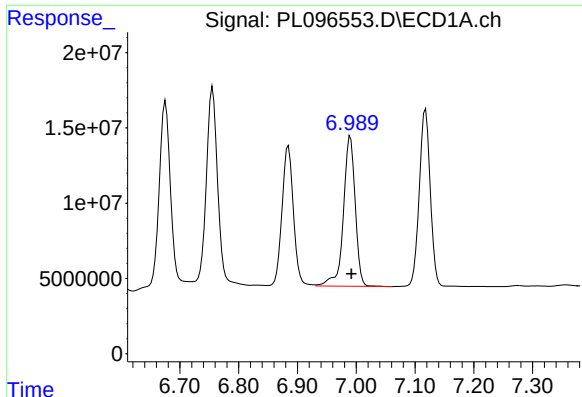
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 173837224
Conc: 59.70 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 306664176
Conc: 59.79 ng/ml



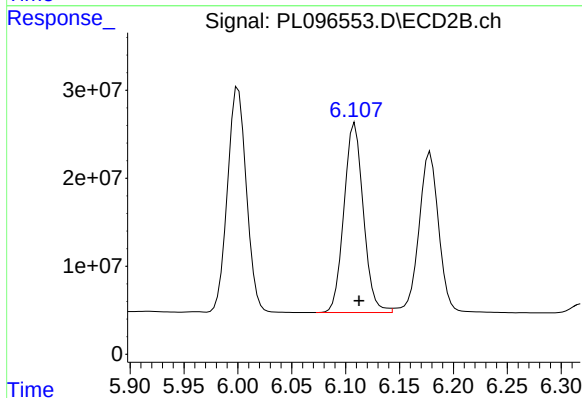
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 139219753
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

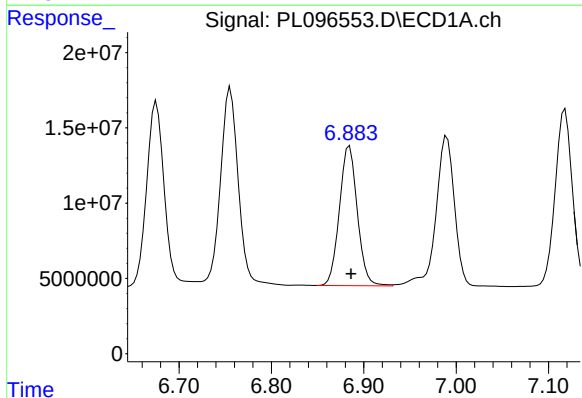
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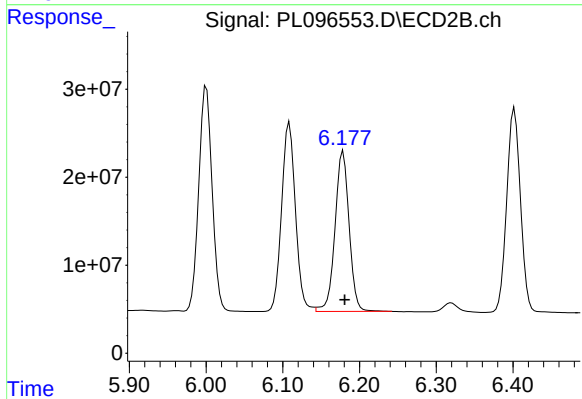
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 269744799
Conc: 47.03 ng/ml



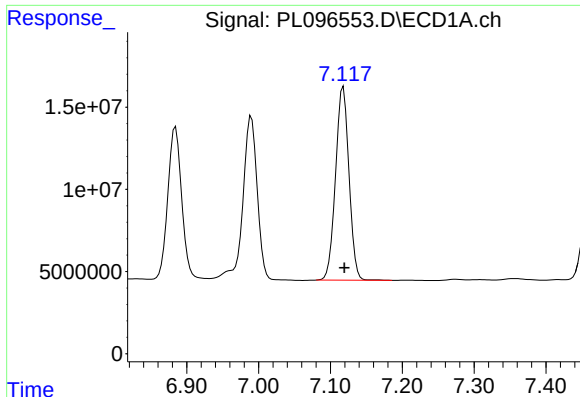
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 125105873
Conc: 55.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 232604685
Conc: 52.22 ng/ml



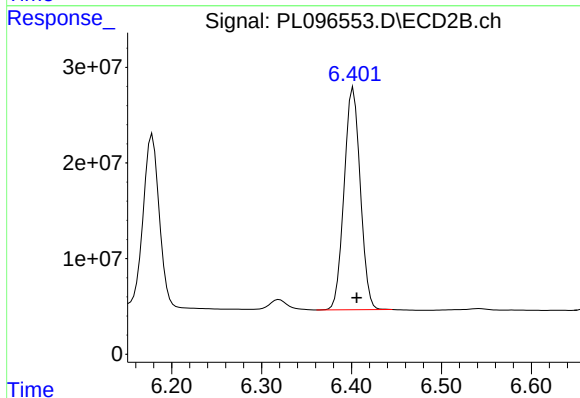
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 152606521
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

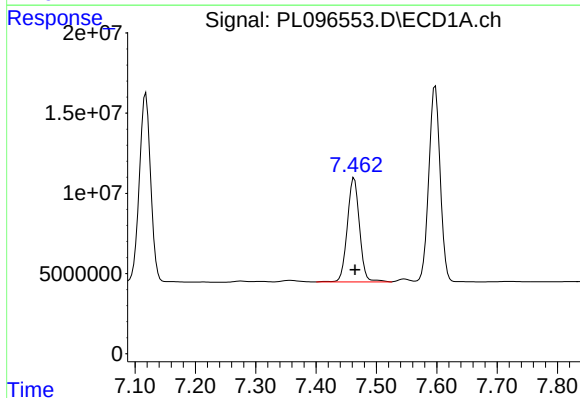
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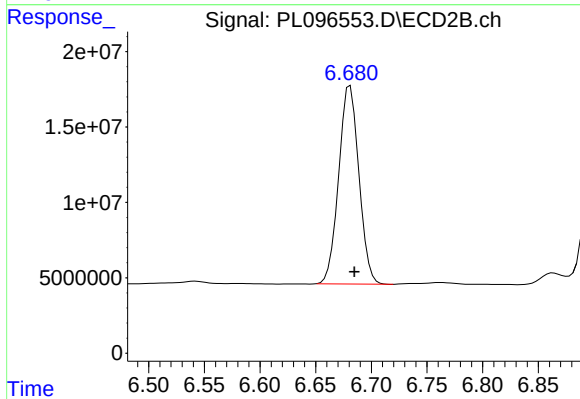
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 290194786
Conc: 51.60 ng/ml



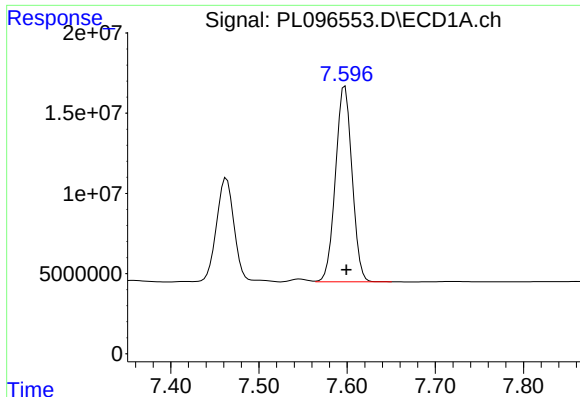
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 91202144
Conc: 57.89 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 166089509
Conc: 54.67 ng/ml



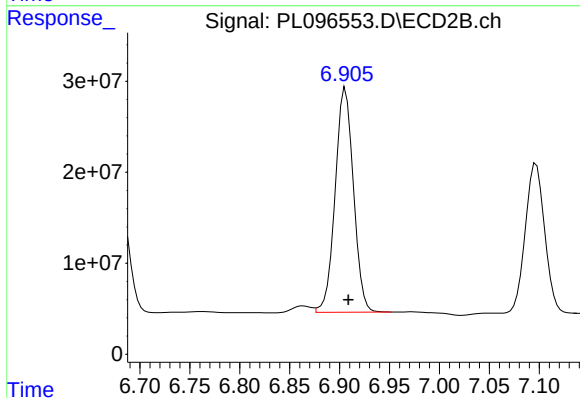
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.002 min
Response: 159348495
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

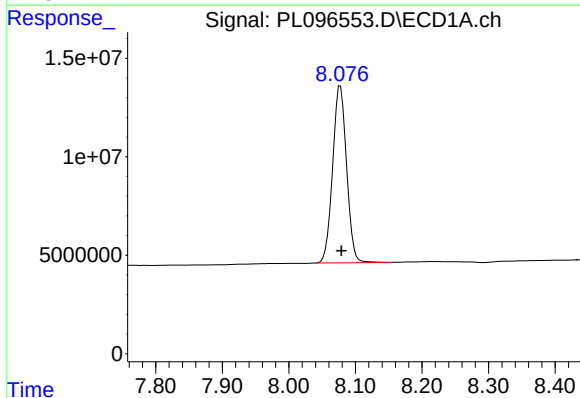
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APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



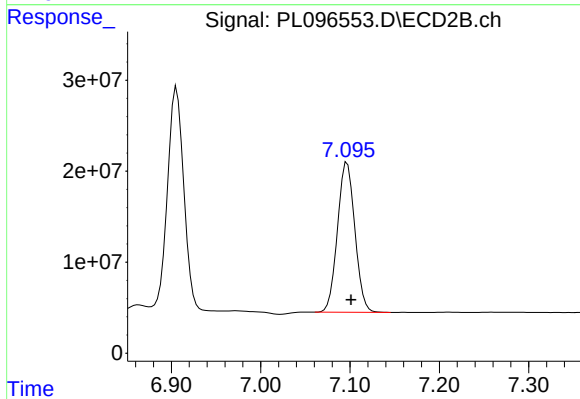
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 314501543
Conc: 50.30 ng/ml



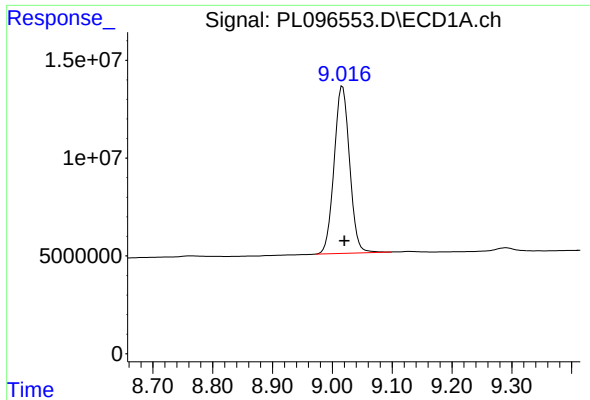
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 130847212
Conc: 47.03 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 222623138
Conc: 44.81 ng/ml



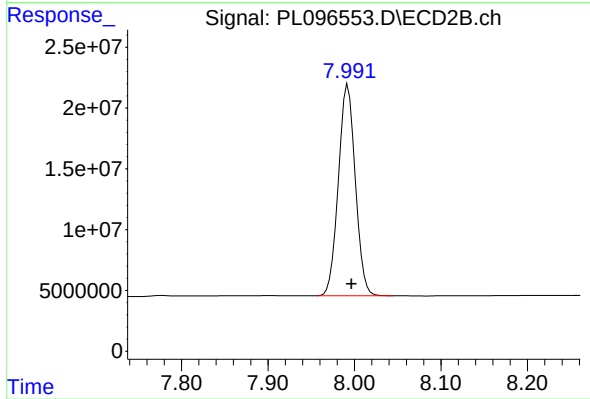
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 154004756
Conc: 54.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 234795648
Conc: 47.09 ng/ml