

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070825\
 Data File : PL096261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 11:29
 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 01:56:03 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...	3.536	2.824	188.5E6	294.2E6	51.650	50.976
28)	SA Decachlor...	9.025	7.997	137.9E6	247.5E6	49.020	49.634
Target Compounds							
2)	A alpha-BHC	3.984	3.330	278.0E6	436.1E6	54.052	51.702
3)	MA gamma-BHC...	4.313	3.663	263.8E6	402.5E6	52.983	51.104
4)	MA Heptachlor	4.907	4.013	246.0E6	383.6E6	53.691	50.428
5)	MB Aldrin	5.247	4.297	244.4E6	372.4E6	50.568	51.039
6)	B beta-BHC	4.499	3.960	108.0E6	170.1E6	51.936	49.667
7)	B delta-BHC	4.745	4.193	236.2E6	392.5E6	52.712	50.965
8)	B Heptachlo...	5.665	4.800	221.2E6	338.3E6	53.306m	50.609
9)	A Endosulfan I	6.049	5.171	206.4E6	314.4E6	51.120	43.818
10)	B gamma-Chl...	5.920	5.052	228.0E6	355.3E6	51.530	50.615
11)	B alpha-Chl...	6.001	5.116	223.2E6	347.8E6	50.962	46.252
12)	B 4,4'-DDE	6.172	5.306	194.7E6	330.1E6	52.513	51.067
13)	MA Dieldrin	6.321	5.436	215.0E6	345.8E6	50.846	50.708
14)	MA Endrin	6.546	5.711	175.5E6	306.1E6	56.421m	50.211
15)	B Endosulfa...	6.760	6.003	183.3E6	295.0E6	52.837	50.301
16)	A 4,4'-DDD	6.680	5.858	153.3E6	261.4E6	52.665	50.966
17)	MA 4,4'-DDT	6.995	6.112	167.5E6	290.1E6	55.184	50.588
18)	B Endrin al...	6.889	6.181	129.5E6	217.8E6	57.941	48.888
19)	B Endosulfa...	7.122	6.405	160.6E6	284.9E6	52.508	50.659
20)	A Methoxychlor	7.467	6.684	78655813	151.7E6	49.928	49.940
21)	B Endrin ke...	7.602	6.909	170.8E6	314.2E6	51.724	50.258
22)	Mirex	8.082	7.101	140.7E6	242.9E6	50.561	48.896

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070825\
Data File : PL096261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 11:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

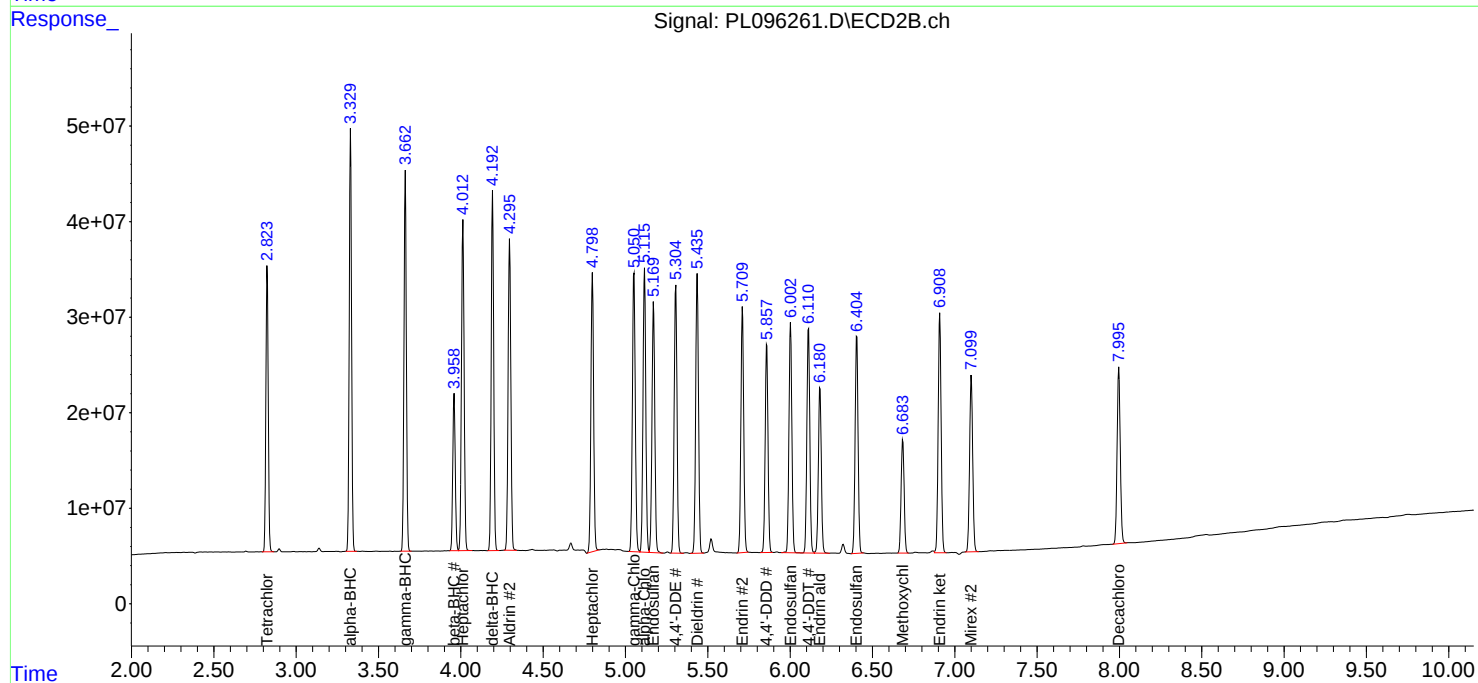
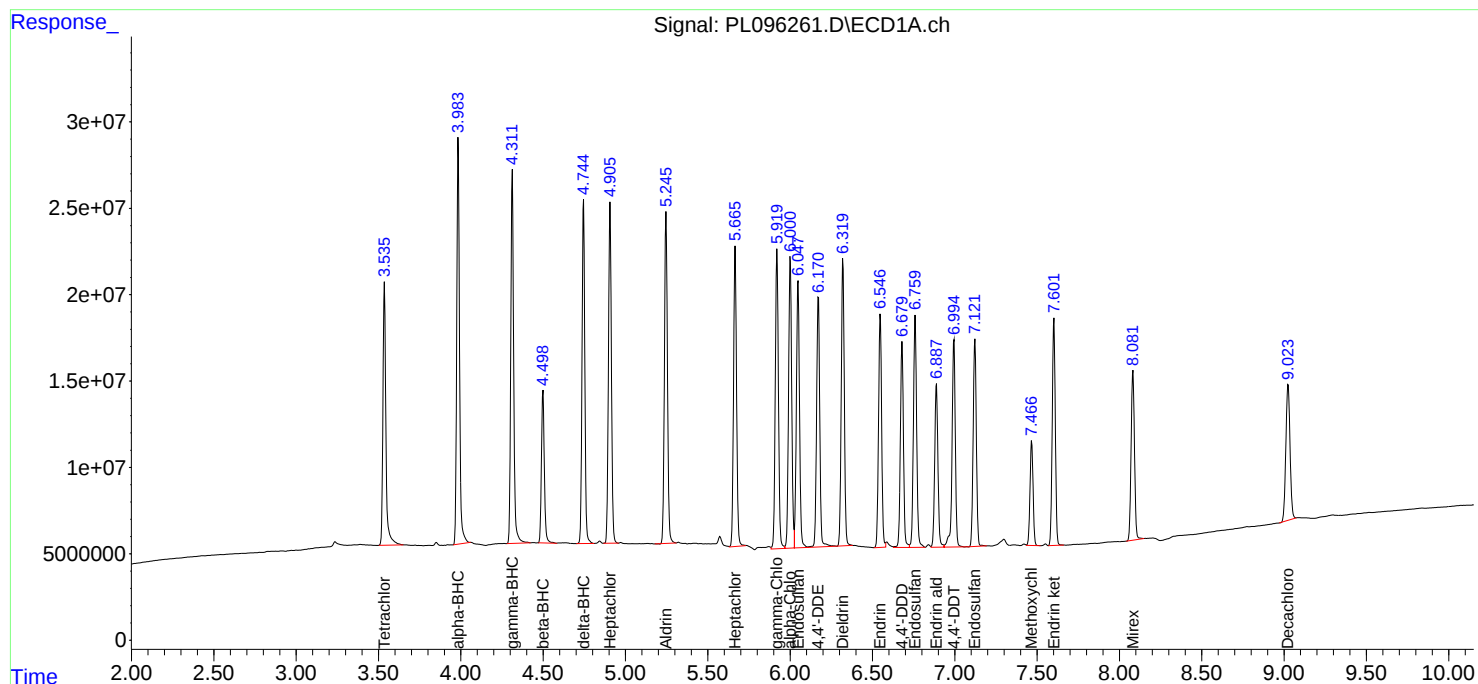
APPROVED

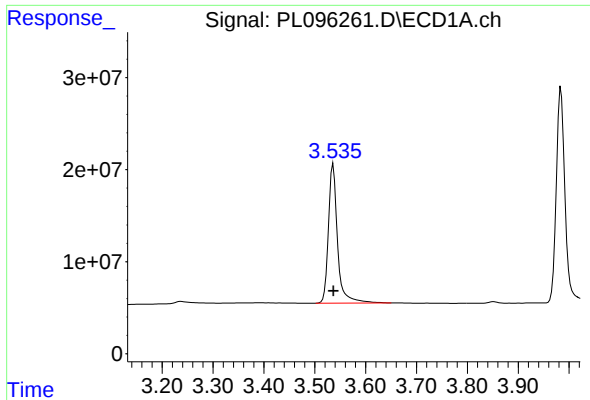
Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 01:56:03 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





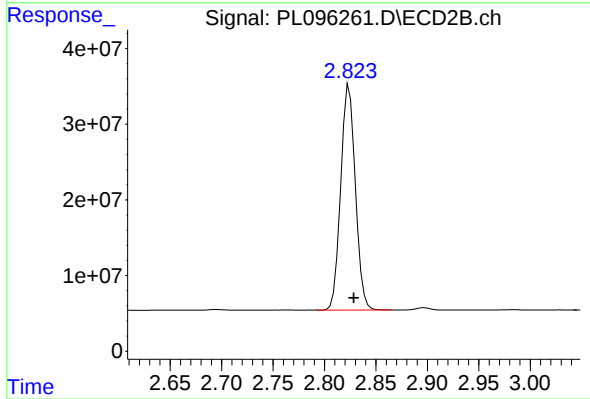
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 188470048
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

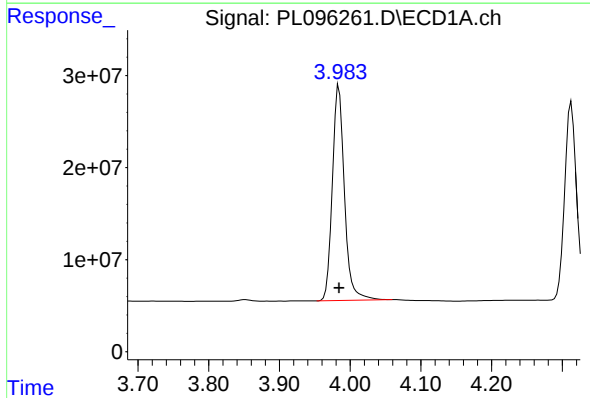
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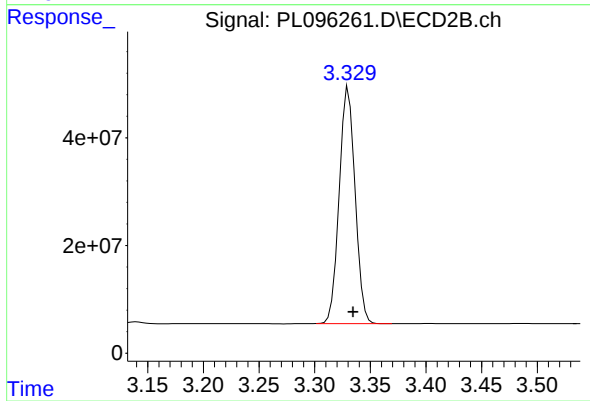
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 294194391
Conc: 50.98 ng/ml



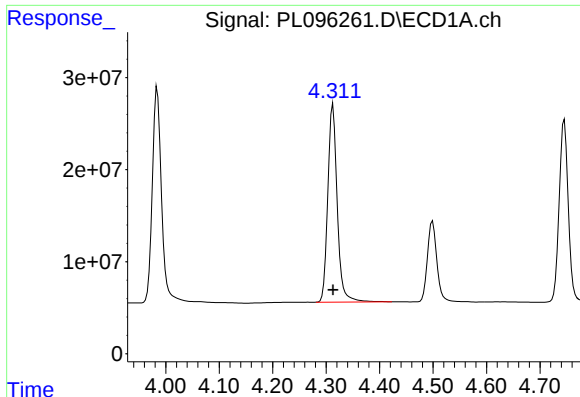
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 277995527
Conc: 54.05 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.004 min
Response: 436070658
Conc: 51.70 ng/ml



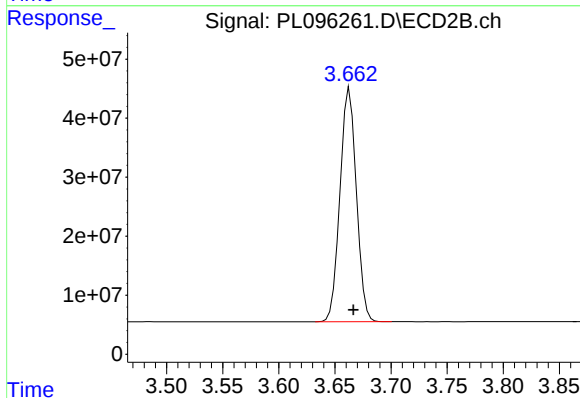
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 263834976
Conc: 52.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

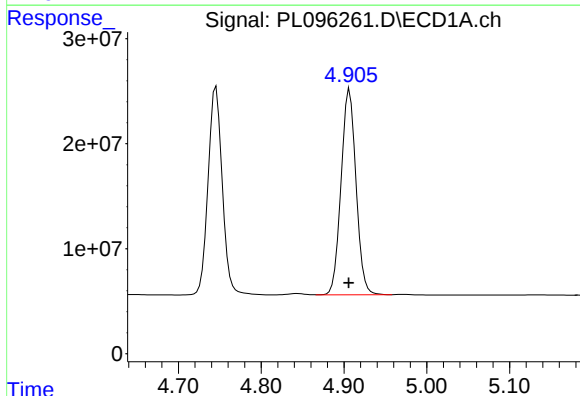
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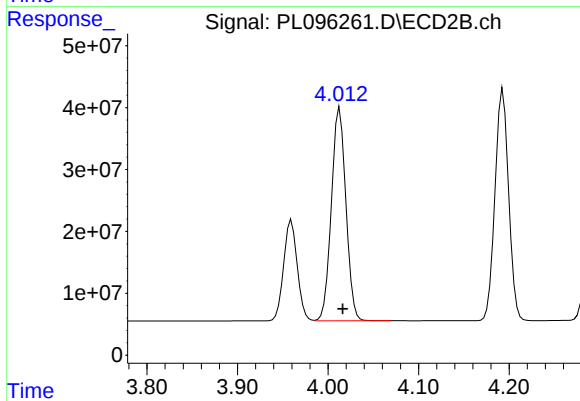
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.003 min
Response: 402487897
Conc: 51.10 ng/ml



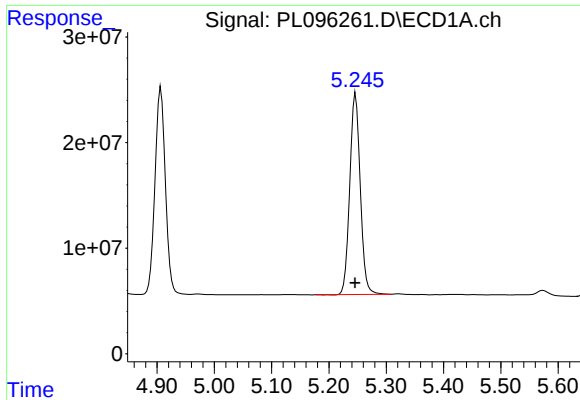
#4 Heptachlor

R.T.: 4.907 min
Delta R.T.: 0.001 min
Response: 245970822
Conc: 53.69 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.003 min
Response: 383641300
Conc: 50.43 ng/ml



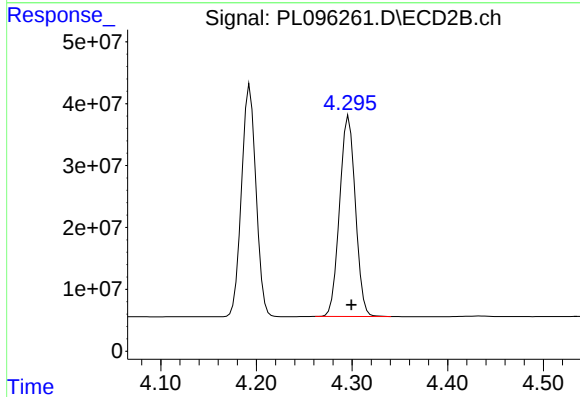
#5 Aldrin

R.T.: 5.247 min
Delta R.T.: 0.000 min
Response: 244433016
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

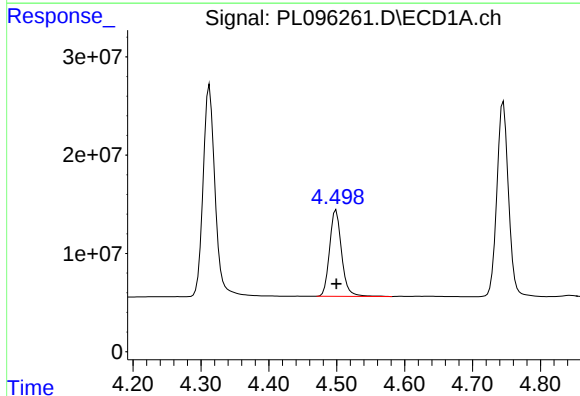
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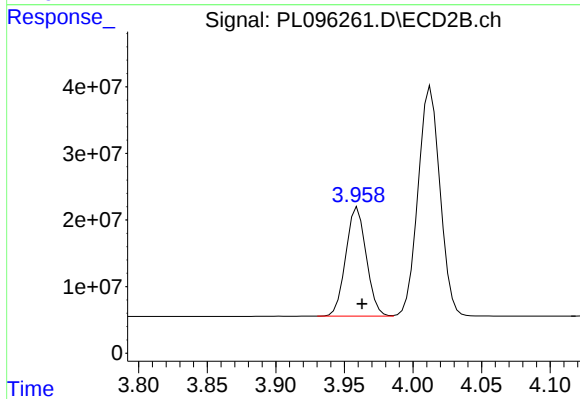
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 372359430
Conc: 51.04 ng/ml



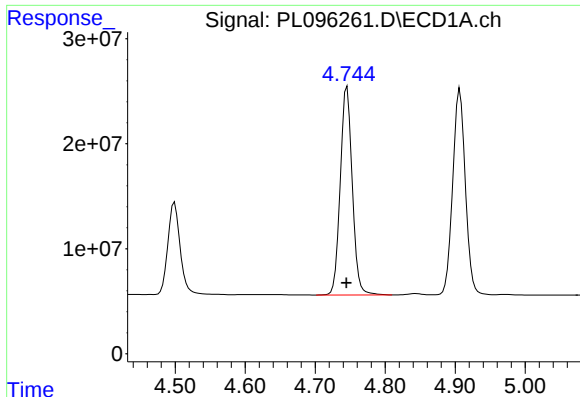
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 107964750
Conc: 51.94 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 170053997
Conc: 49.67 ng/ml



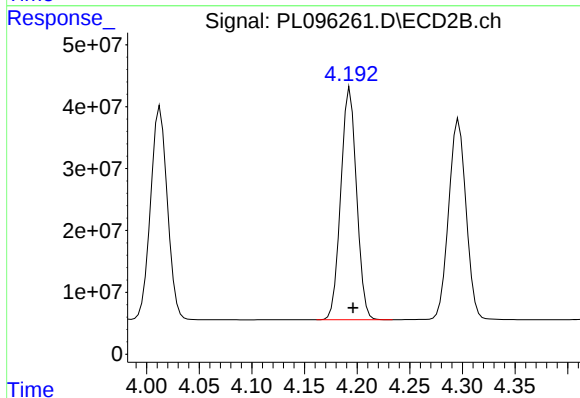
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 236220141
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

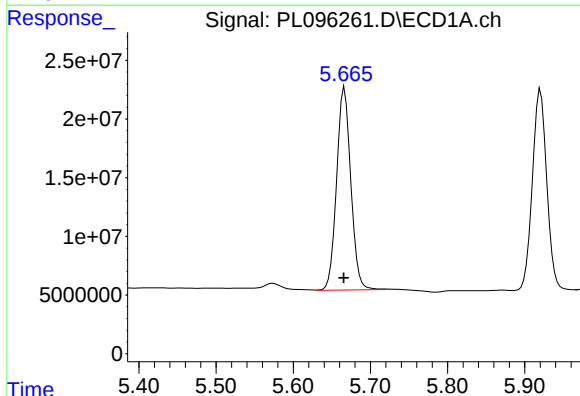
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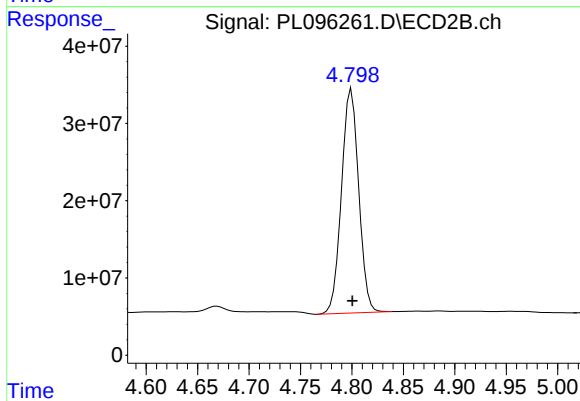
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.003 min
Response: 392526085
Conc: 50.96 ng/ml



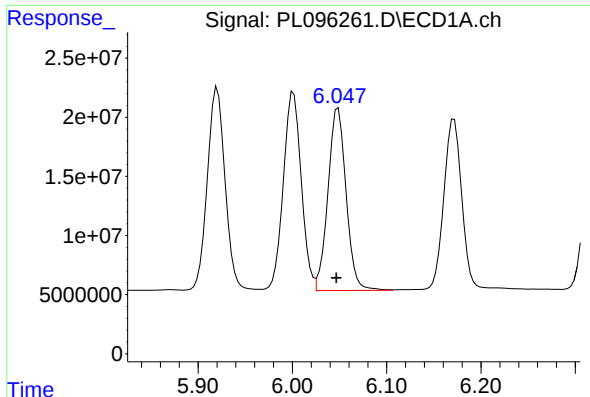
#8 Heptachlor epoxide

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 221176837
Conc: 53.31 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 338313640
Conc: 50.61 ng/ml



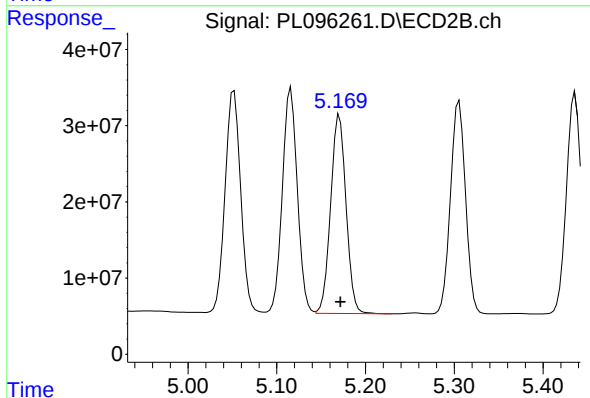
#9 Endosulfan I

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 206382909
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

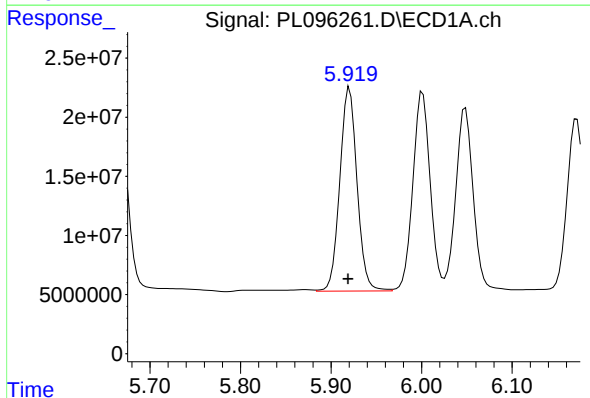
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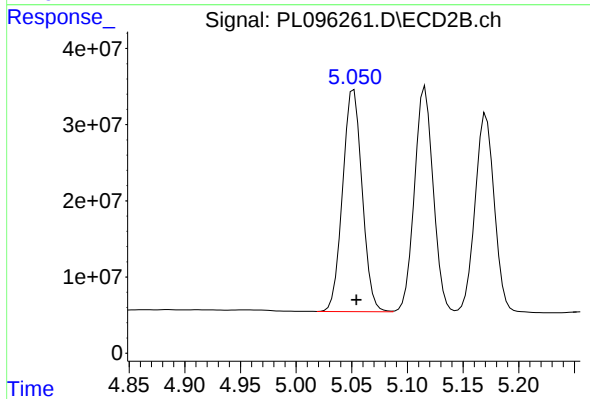
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 314354991
Conc: 43.82 ng/ml



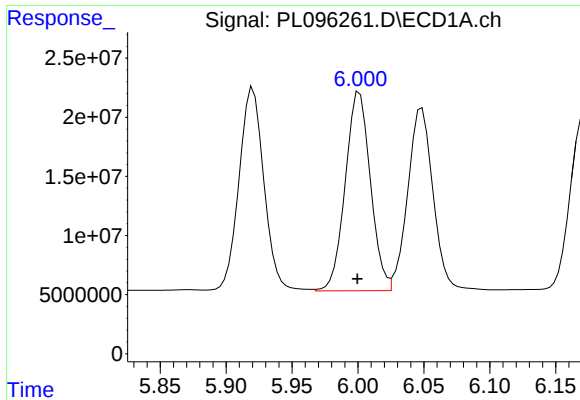
#10 gamma-Chlordane

R.T.: 5.920 min
Delta R.T.: 0.002 min
Response: 228010199
Conc: 51.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 355300209
Conc: 50.61 ng/ml



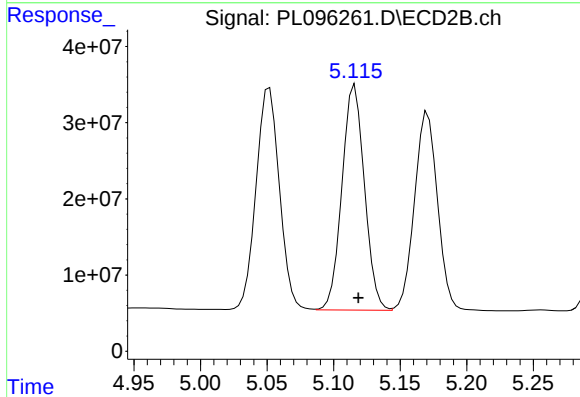
#11 alpha-Chlordane

R.T.: 6.001 min
Delta R.T.: 0.002 min
Response: 223155440
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

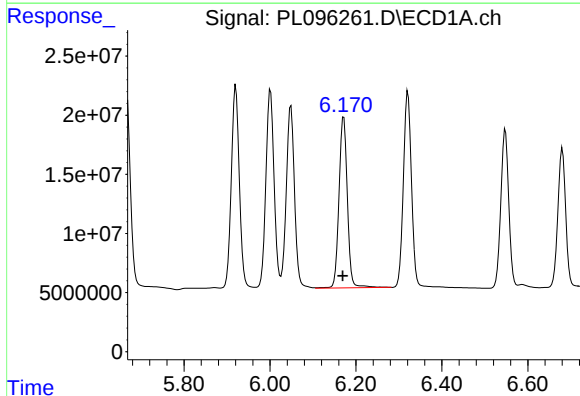
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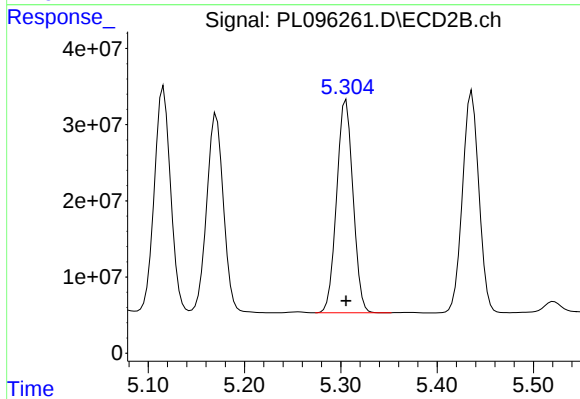
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 347829241
Conc: 46.25 ng/ml



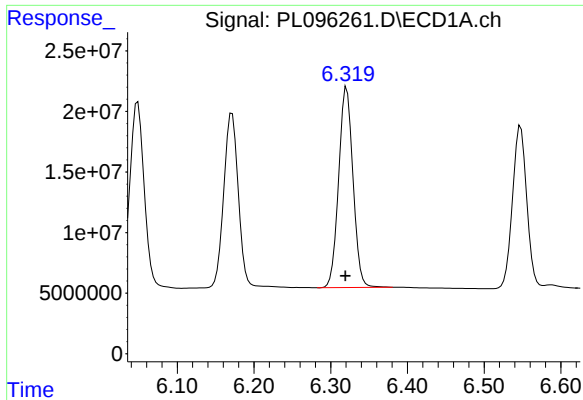
#12 4,4'-DDE

R.T.: 6.172 min
Delta R.T.: 0.002 min
Response: 194691362
Conc: 52.51 ng/ml



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 330082517
Conc: 51.07 ng/ml



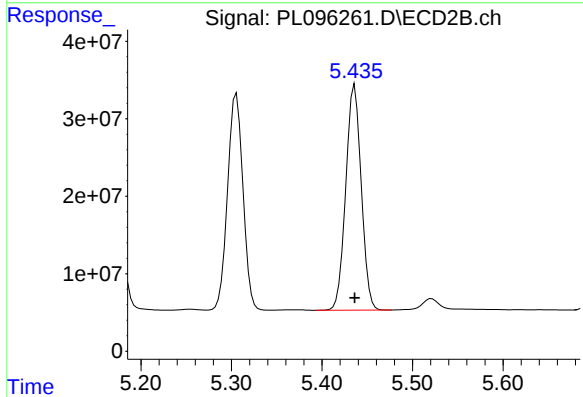
#13 Dieldrin

R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 214997749
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

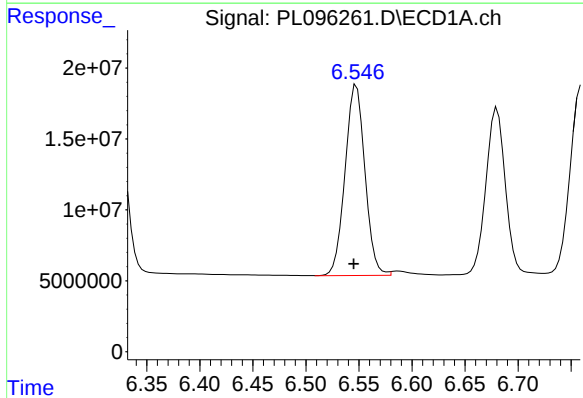
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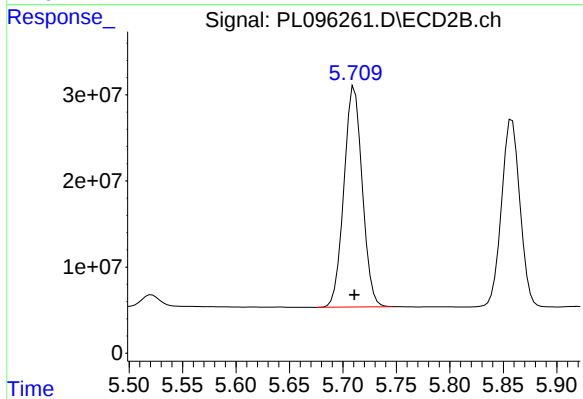
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 345789693
Conc: 50.71 ng/ml



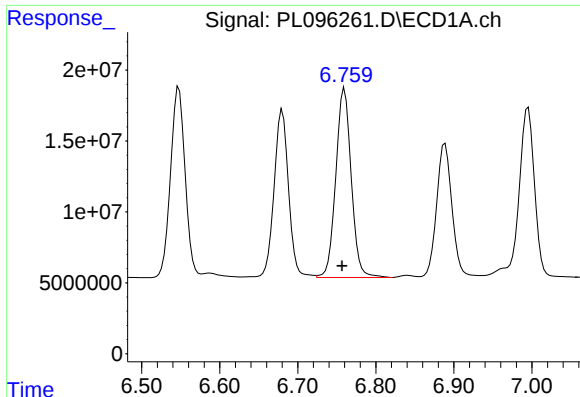
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.001 min
Response: 175481072
Conc: 56.42 ng/ml m



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 306109049
Conc: 50.21 ng/ml



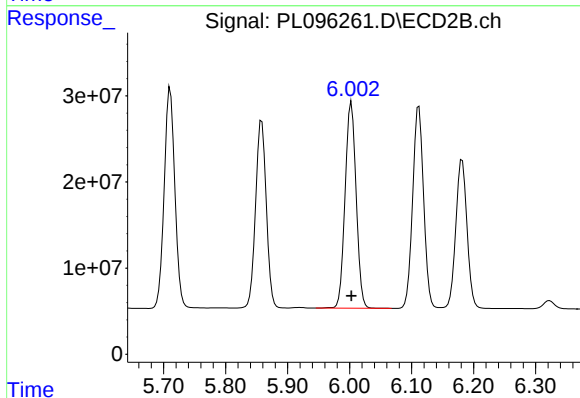
#15 Endosulfan II

R.T.: 6.760 min
Delta R.T.: 0.003 min
Response: 183347143
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

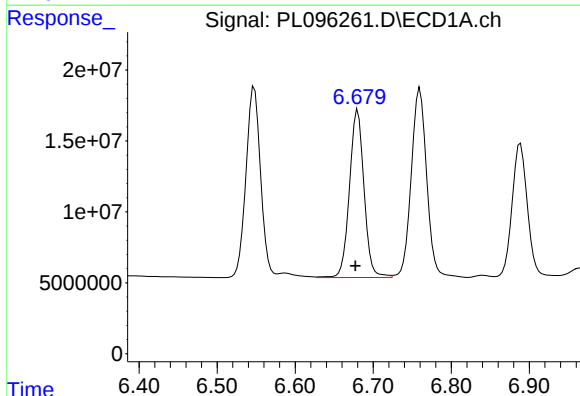
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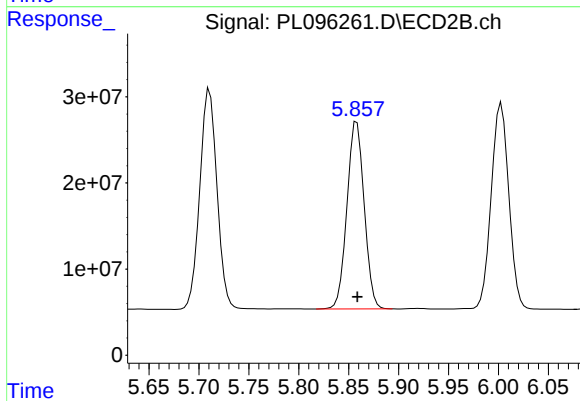
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 294960785
Conc: 50.30 ng/ml



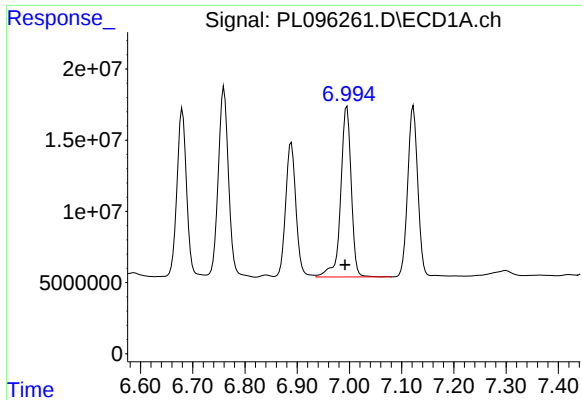
#16 4,4'-DDD

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 153344692
Conc: 52.67 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 261387560
Conc: 50.97 ng/ml



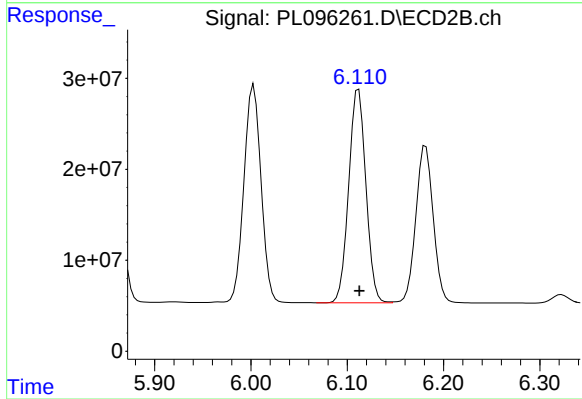
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 167494072
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

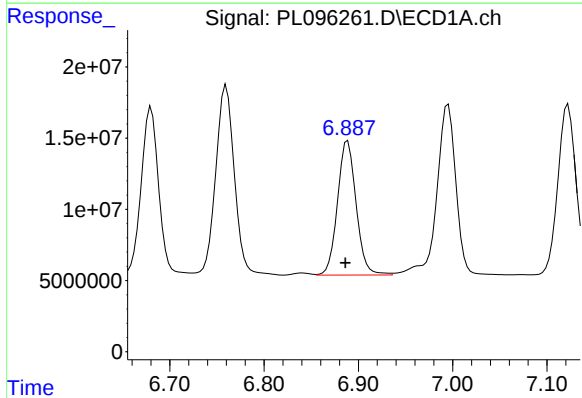
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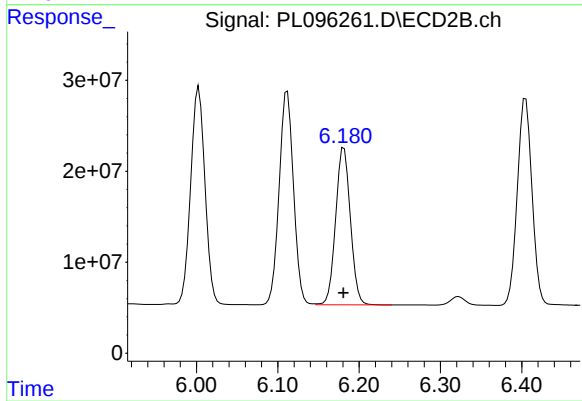
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 290127084
Conc: 50.59 ng/ml



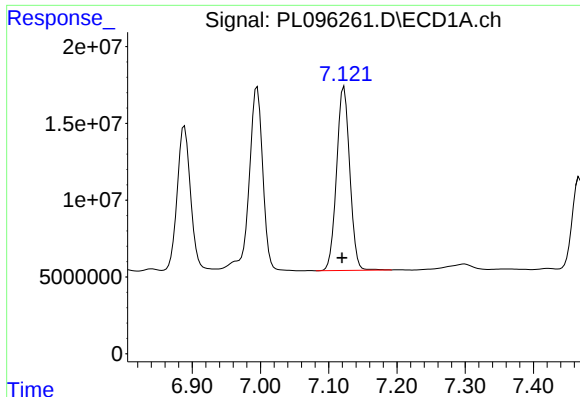
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 129530304
Conc: 57.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 217775118
Conc: 48.89 ng/ml



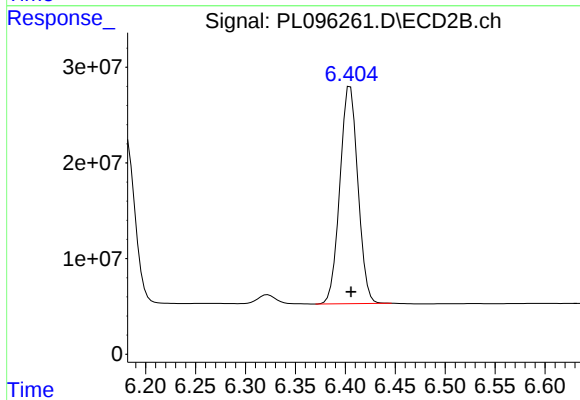
#19 Endosulfan Sulfate

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 160613867
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

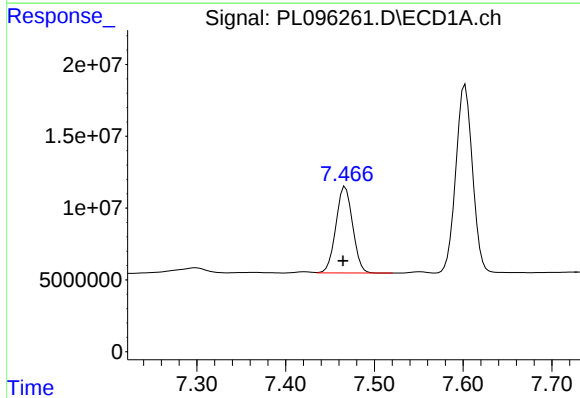
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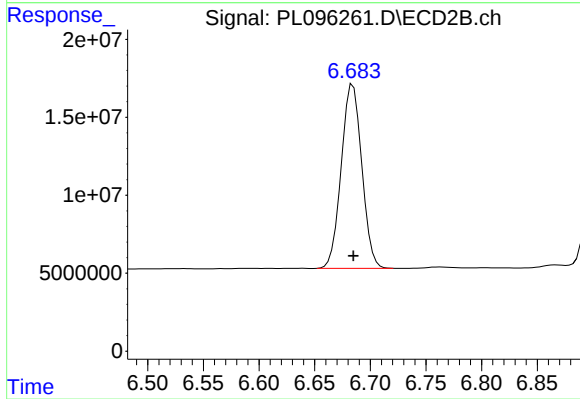
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 284924565
Conc: 50.66 ng/ml



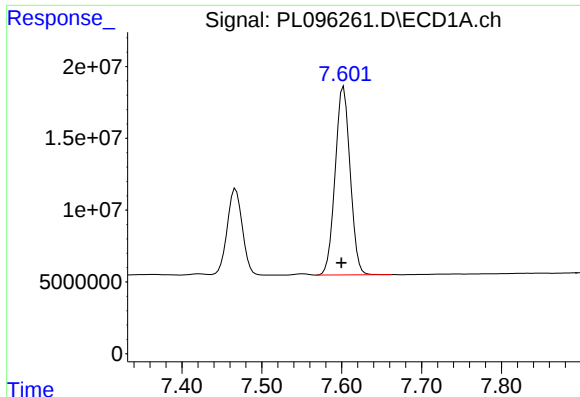
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 78655813
Conc: 49.93 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 151705760
Conc: 49.94 ng/ml



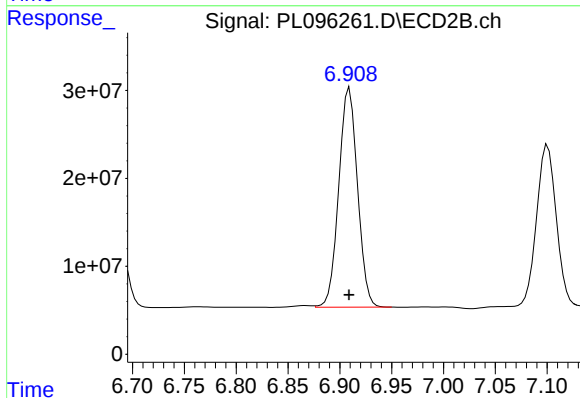
#21 Endrin ketone

R.T.: 7.602 min
Delta R.T.: 0.003 min
Response: 170772421
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

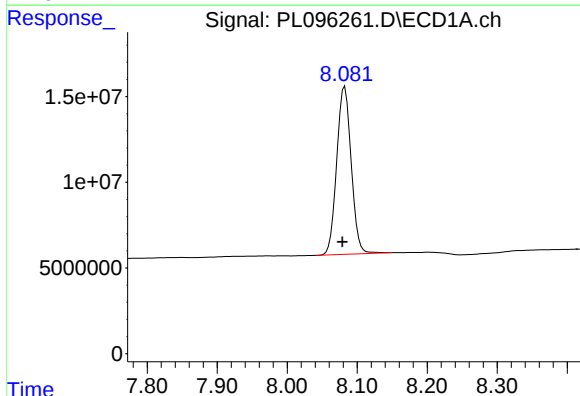
Manual Integrations
APPROVED

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



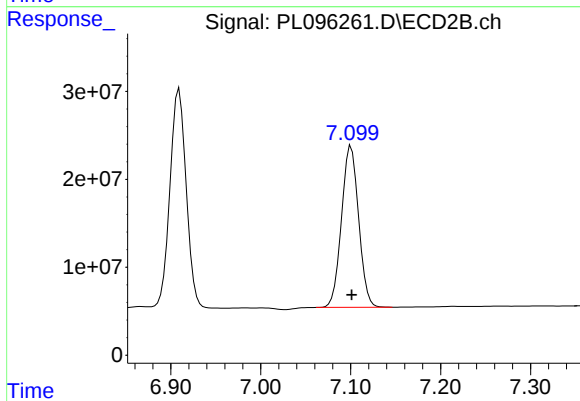
#21 Endrin ketone

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 314227820
Conc: 50.26 ng/ml



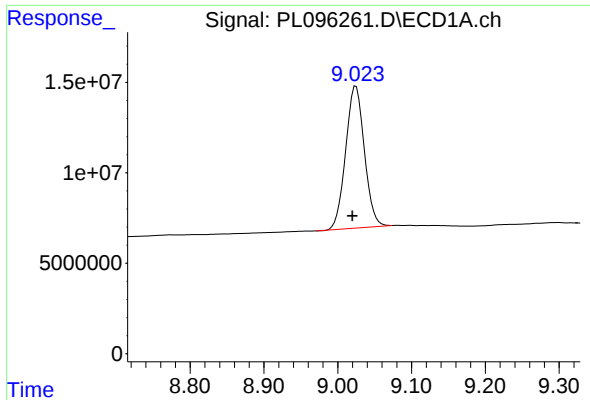
#22 Mirex

R.T.: 8.082 min
Delta R.T.: 0.004 min
Response: 140671267
Conc: 50.56 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 242923192
Conc: 48.90 ng/ml



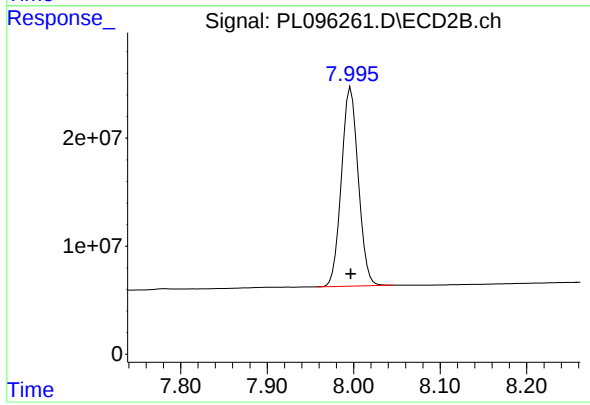
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.005 min
Response: 137895998
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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



#28 Decachlorobiphenyl

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 247501258
Conc: 49.63 ng/ml