

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 18:50
 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 01:39:22 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	172.1E6	252.7E6	54.091	52.881
28)	SA Decachlor...	9.003	7.986	127.6E6	212.4E6	53.528m	48.960
Target Compounds							
2)	A alpha-BHC	3.976	3.331	255.8E6	377.6E6	55.302m	53.356
3)	MA gamma-BHC...	4.304	3.663	242.3E6	350.5E6	54.787m	53.073
4)	MA Heptachlor	4.896	4.011	237.0E6	347.6E6	57.036	52.182
5)	MB Aldrin	5.236	4.293	231.2E6	328.4E6	53.759	52.910
6)	B beta-BHC	4.490	3.958	101.0E6	150.1E6	55.971m	53.205
7)	B delta-BHC	4.737	4.191	223.5E6	344.6E6	56.016	53.226
8)	B Heptachlo...	5.654	4.795	212.9E6	297.1E6	55.202m	52.021
9)	A Endosulfan I	6.037	5.165	187.9E6	271.5E6	52.237	49.082
10)	B gamma-Chl...	5.909	5.047	206.9E6	311.4E6	54.383	52.951
11)	B alpha-Chl...	5.989	5.111	205.7E6	306.4E6	53.373	51.934
12)	B 4,4'-DDE	6.159	5.299	174.1E6	289.2E6	54.218	52.452
13)	MA Dieldrin	6.307	5.429	194.7E6	308.9E6	52.463m	52.298m
14)	MA Endrin	6.533	5.705	160.7E6	299.8E6	53.094m	55.464
15)	B Endosulfa...	6.746	5.996	165.3E6	261.8E6	51.610m	50.965
16)	A 4,4'-DDD	6.667	5.852	146.2E6	244.6E6	57.843	51.978
17)	MA 4,4'-DDT	6.982	6.104	150.0E6	253.9E6	52.296	50.188
18)	B Endrin al...	6.876	6.174	117.1E6	189.3E6	54.566	52.068
19)	B Endosulfa...	7.108	6.397	146.1E6	254.0E6	50.842m	49.945
20)	A Methoxychlor	7.454	6.675	73966964	136.9E6	50.374	49.973m
21)	B Endrin ke...	7.589	6.901	150.8E6	291.2E6	50.156	52.289
22)	Mirex	8.066	7.091	123.4E6	218.3E6	49.779m	50.070

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 18:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

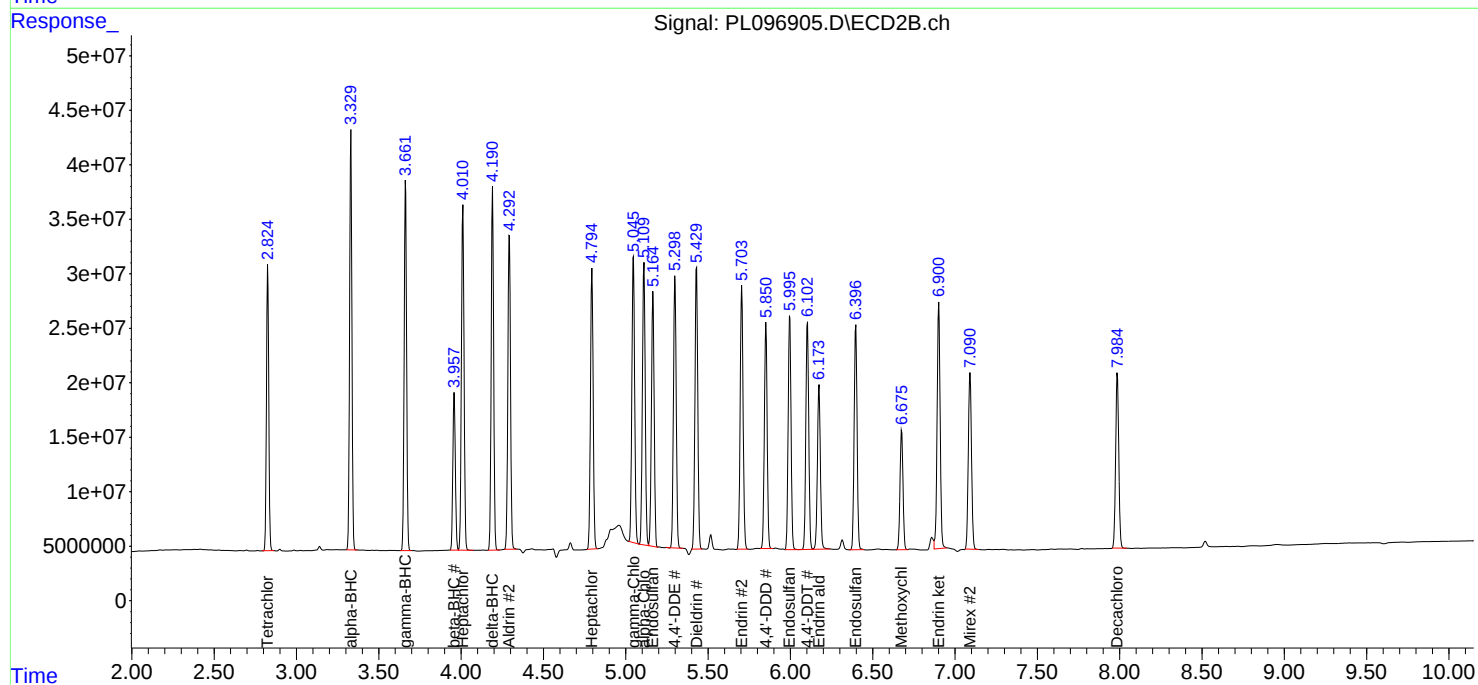
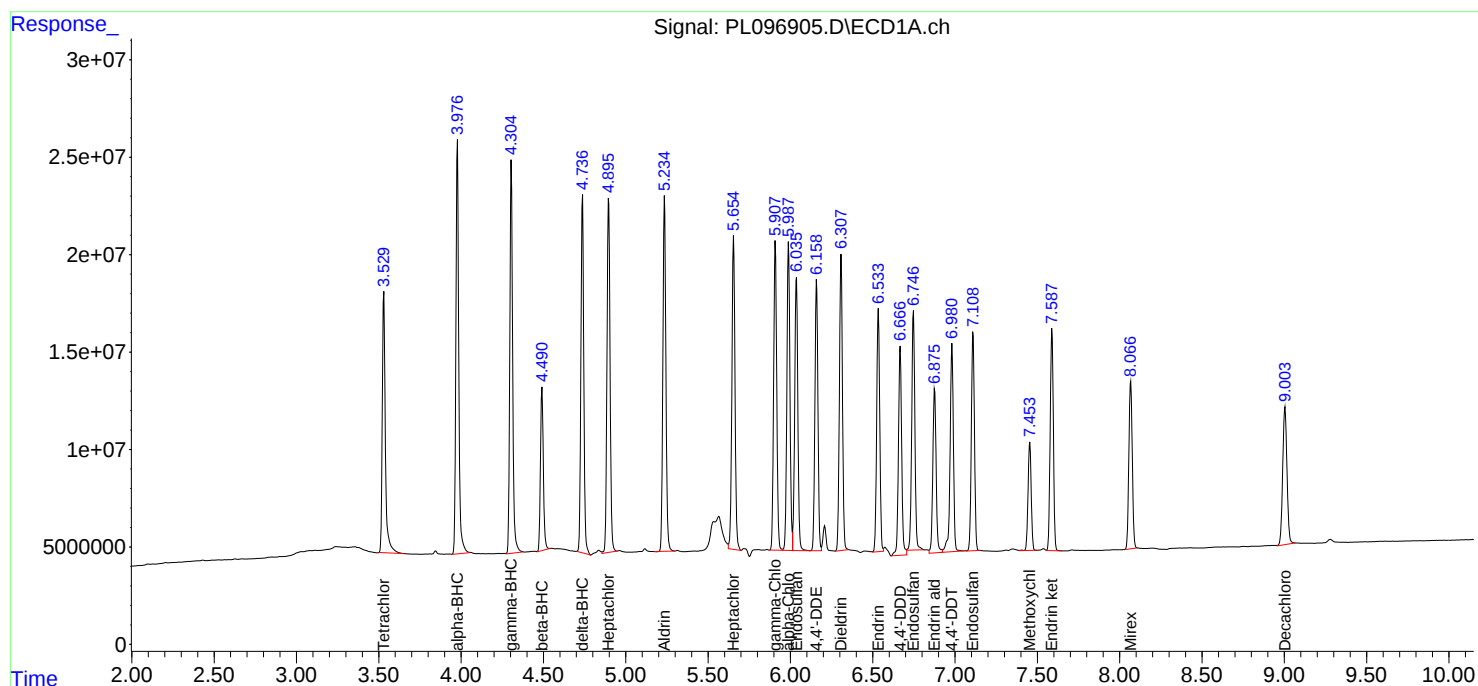
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

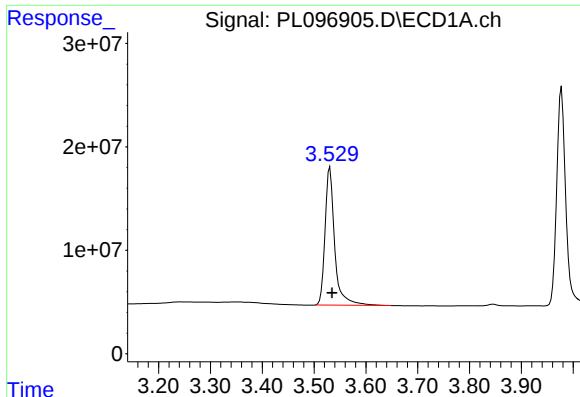
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:22 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





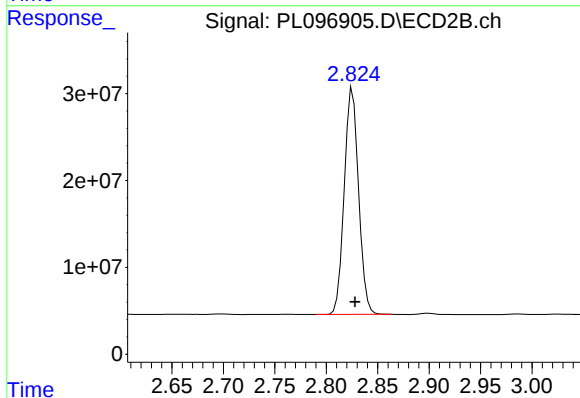
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 172051049
Conc: 54.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

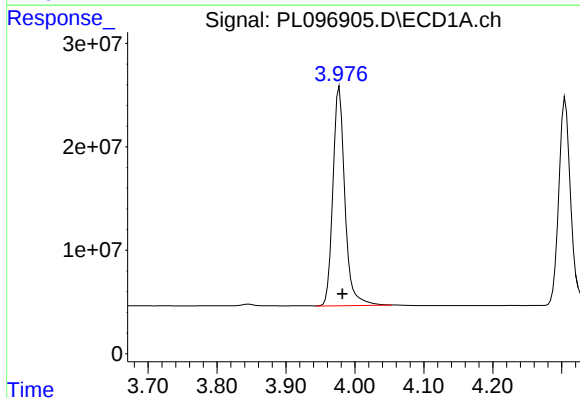
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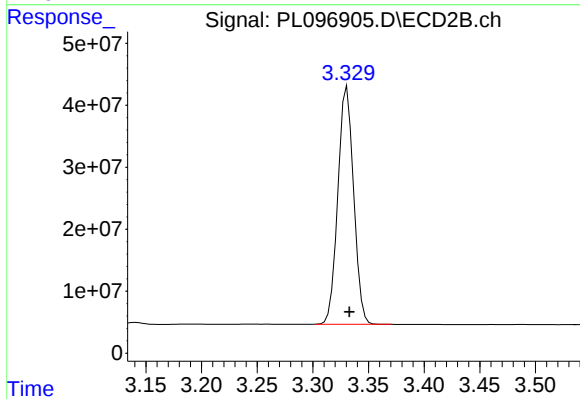
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.002 min
Response: 252655046
Conc: 52.88 ng/ml



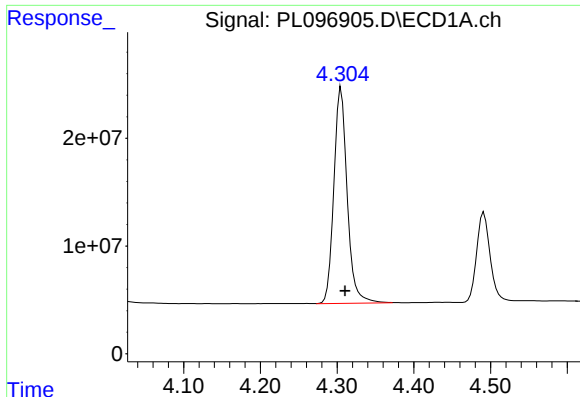
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 255847816
Conc: 55.30 ng/ml m



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 377603500
Conc: 53.36 ng/ml



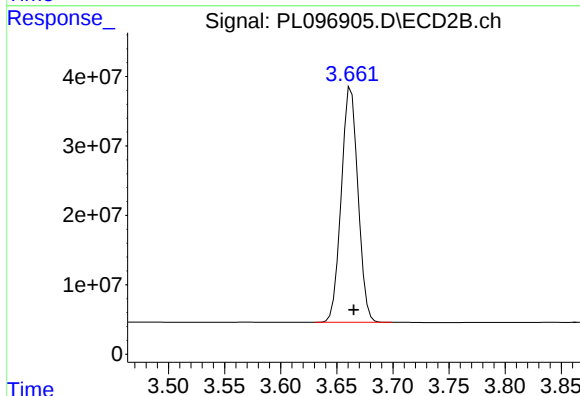
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 242345388
Conc: 54.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

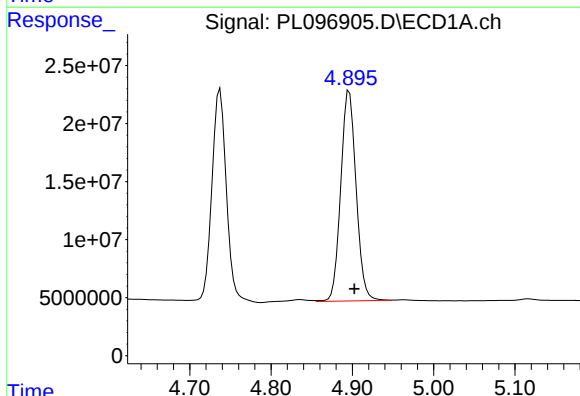
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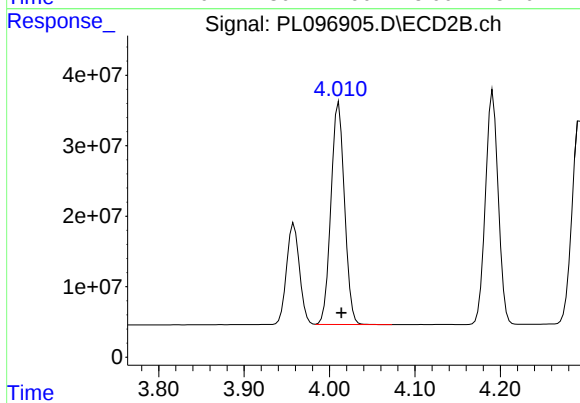
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 350457757
Conc: 53.07 ng/ml



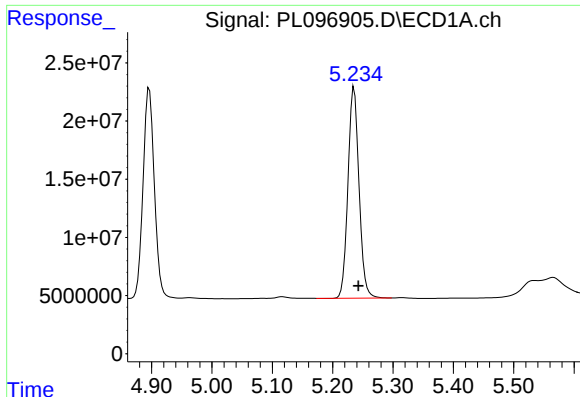
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 237022549
Conc: 57.04 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 347633698
Conc: 52.18 ng/ml



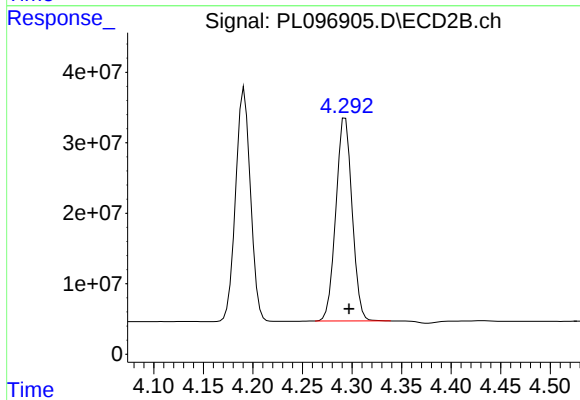
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 231218440
Conc: 53.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

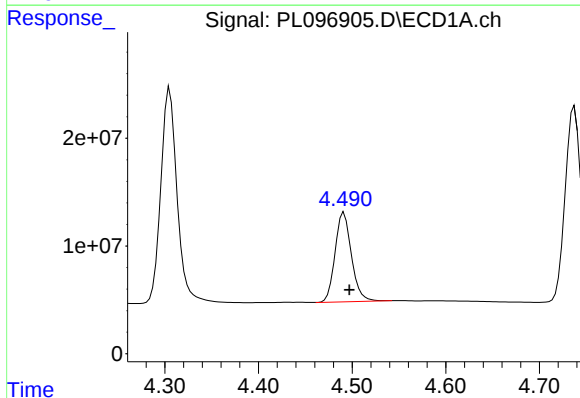
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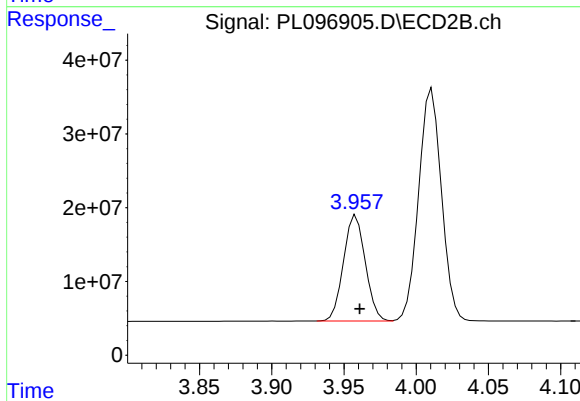
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 328417987
Conc: 52.91 ng/ml



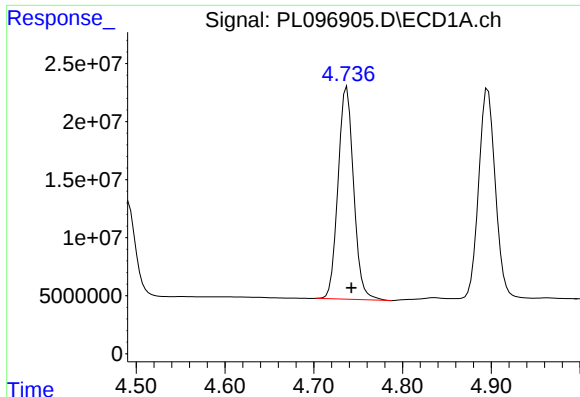
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 101025755
Conc: 55.97 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 150085082
Conc: 53.20 ng/ml



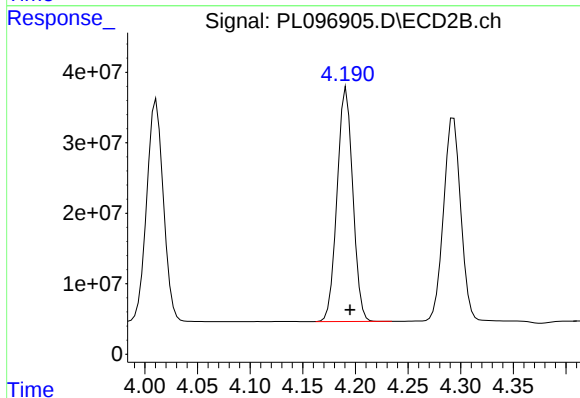
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 223494714
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

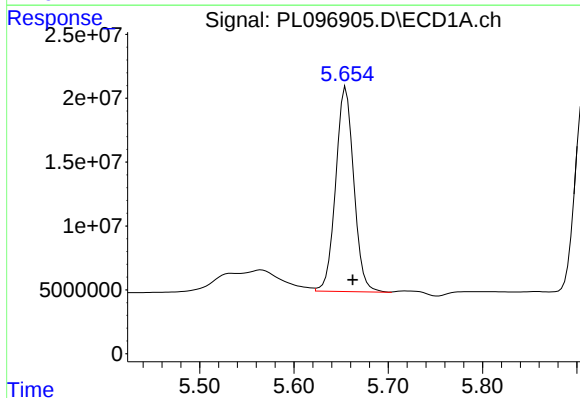
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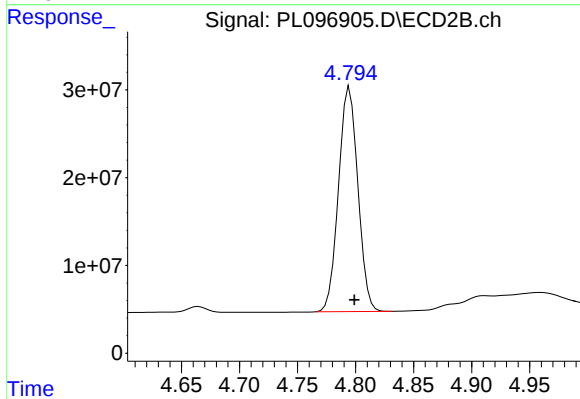
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 344562489
Conc: 53.23 ng/ml



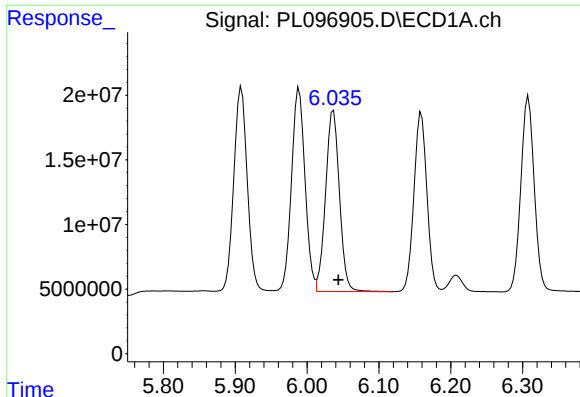
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: -0.009 min
Response: 212886987
Conc: 55.20 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 297107860
Conc: 52.02 ng/ml



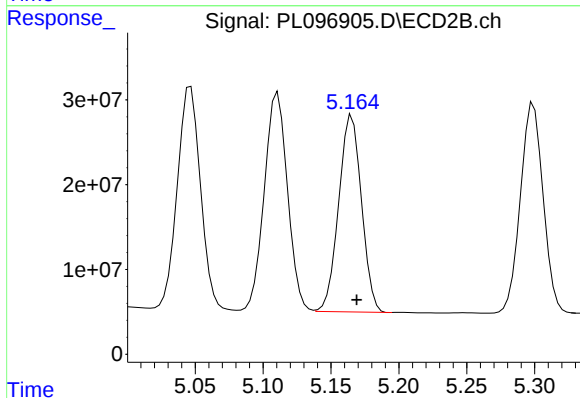
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 187861868
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

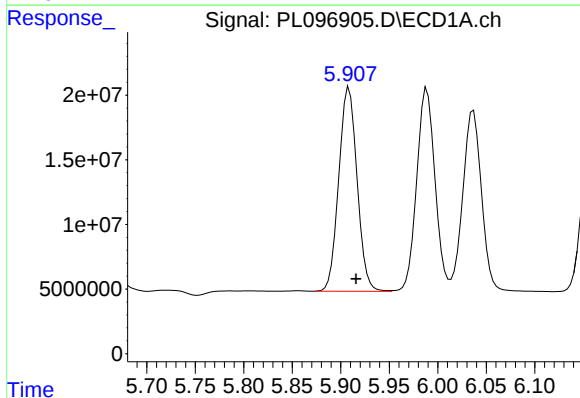
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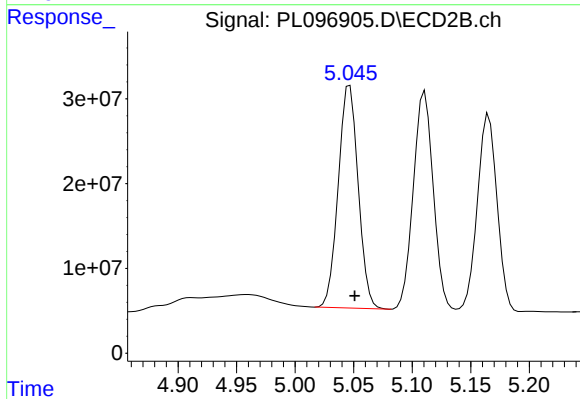
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 271493770
Conc: 49.08 ng/ml



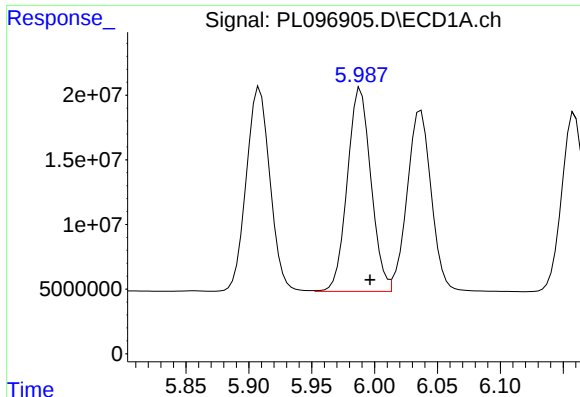
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 206939069
Conc: 54.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 311357406
Conc: 52.95 ng/ml



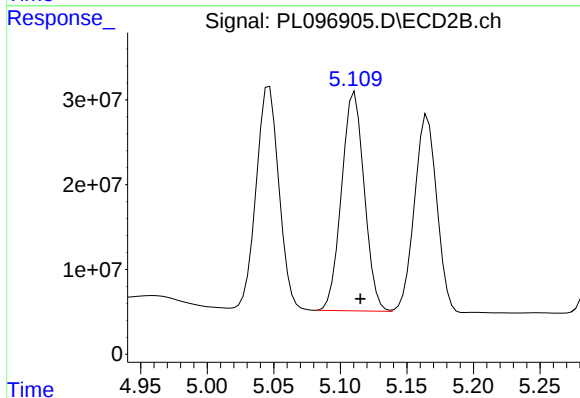
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 205733419
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

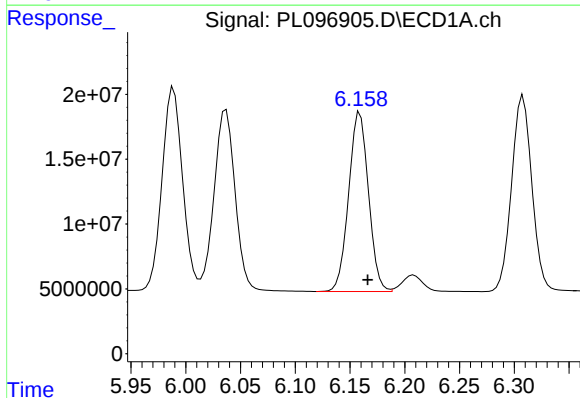
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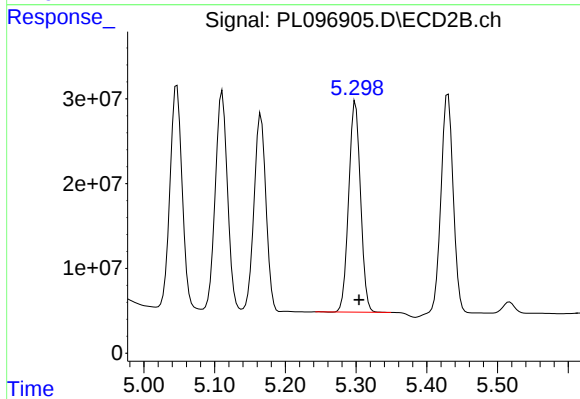
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 306355616
Conc: 51.93 ng/ml



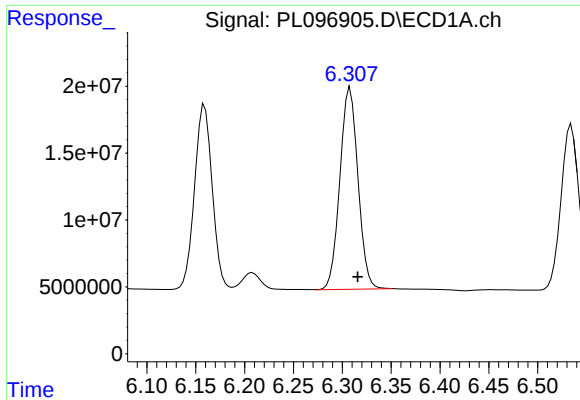
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 174107822
Conc: 54.22 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 289242566
Conc: 52.45 ng/ml



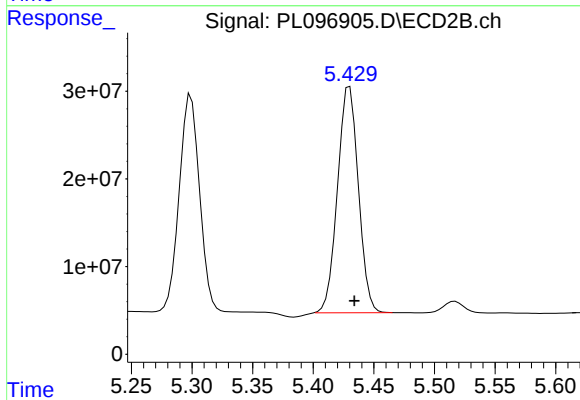
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 194696321
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

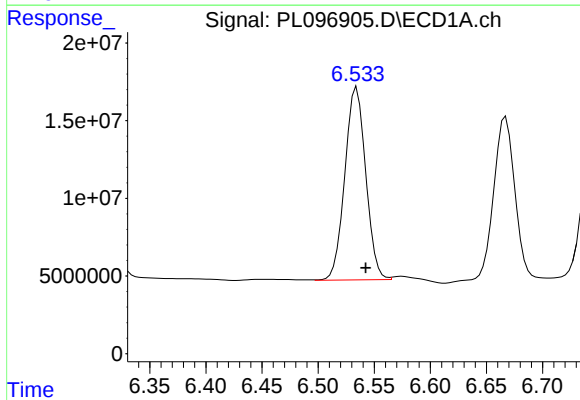
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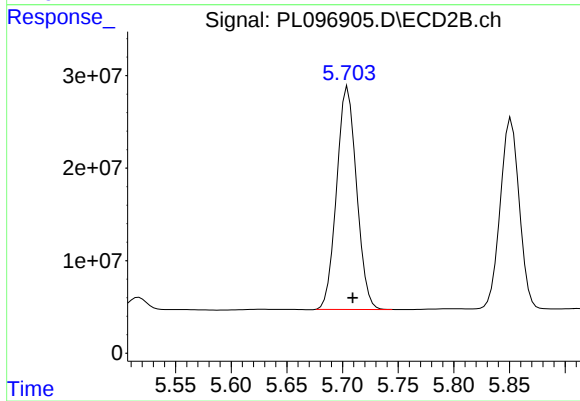
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 308901487
Conc: 52.30 ng/ml m



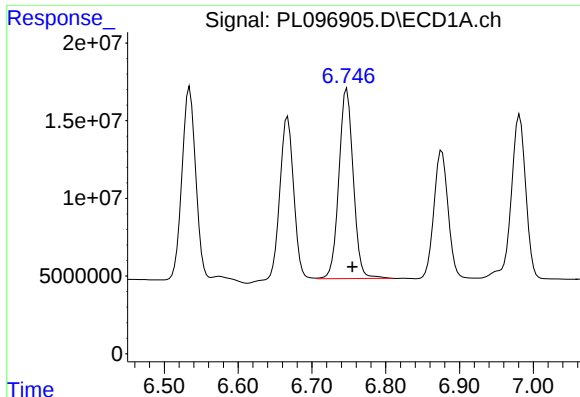
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 160703051
Conc: 53.09 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 299836919
Conc: 55.46 ng/ml



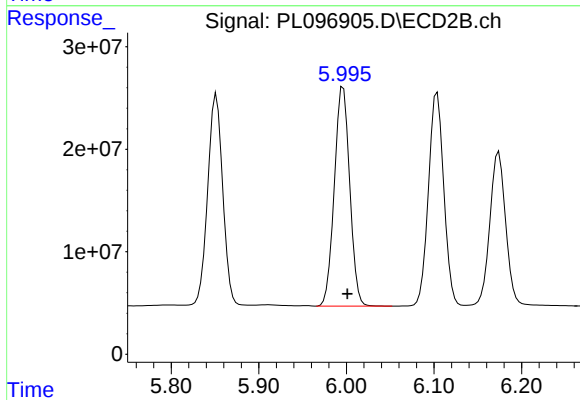
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.009 min
Response: 165288761
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

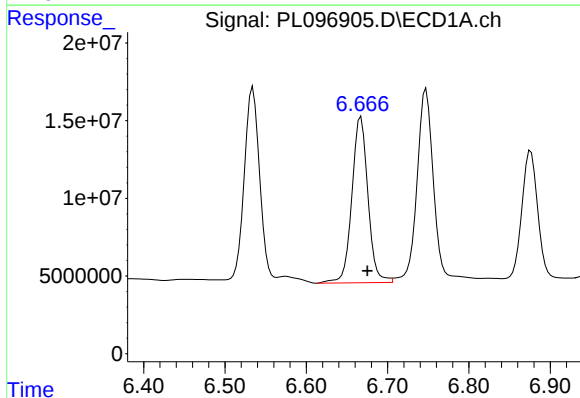
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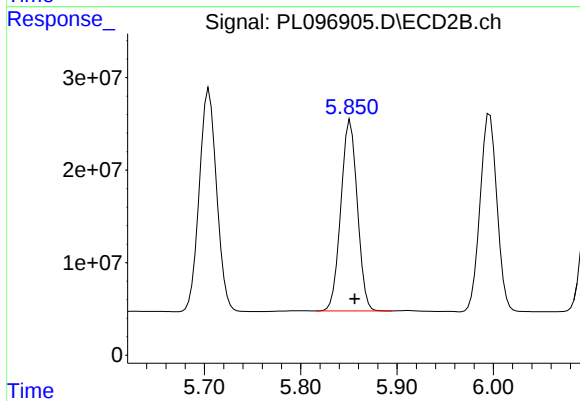
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 261766551
Conc: 50.96 ng/ml



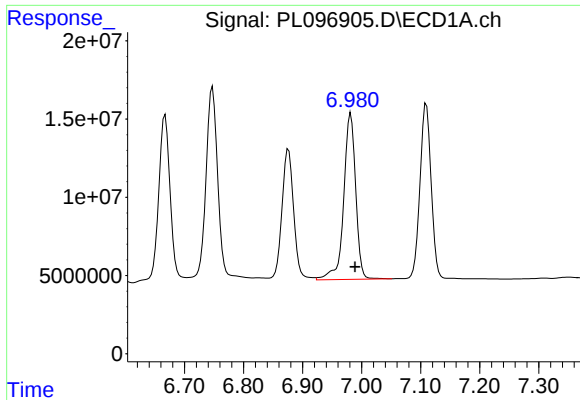
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 146249464
Conc: 57.84 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 244571226
Conc: 51.98 ng/ml



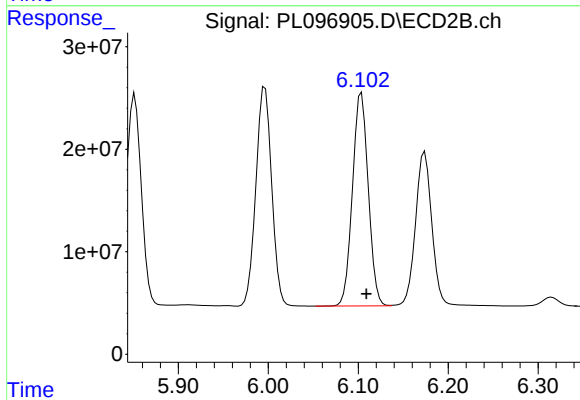
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 149967725
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

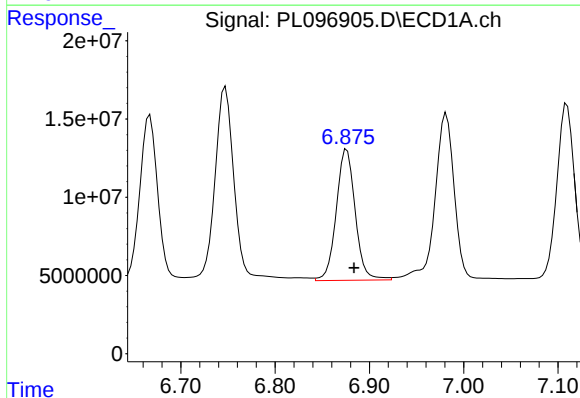
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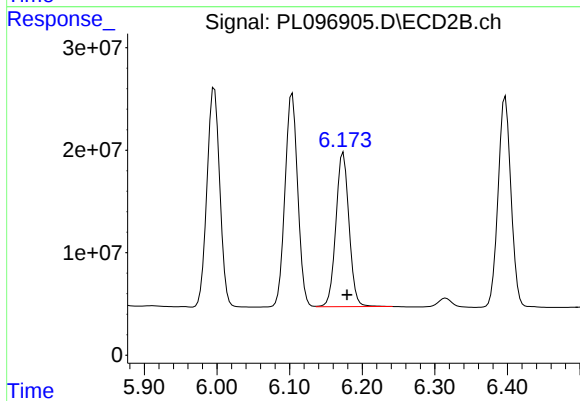
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 253863761
Conc: 50.19 ng/ml



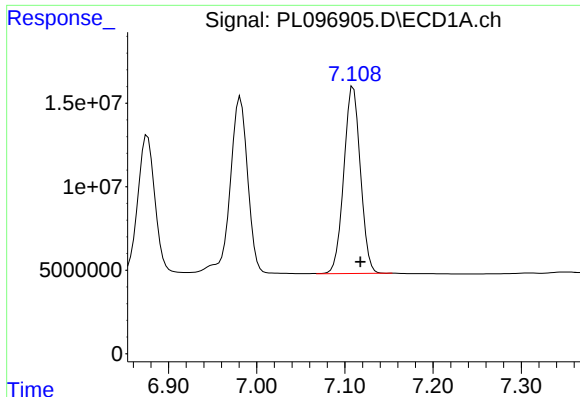
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 117094412
Conc: 54.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 189270426
Conc: 52.07 ng/ml



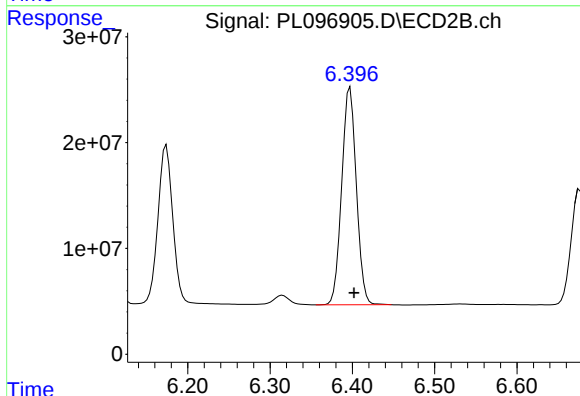
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.010 min
Response: 146105233
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

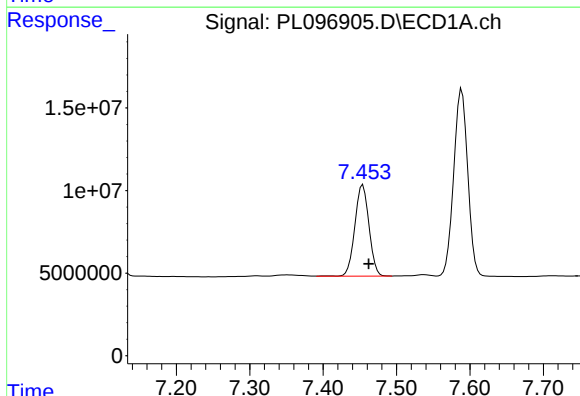
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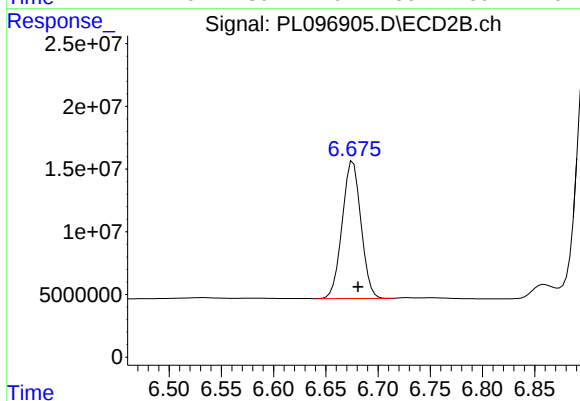
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 254031740
Conc: 49.95 ng/ml



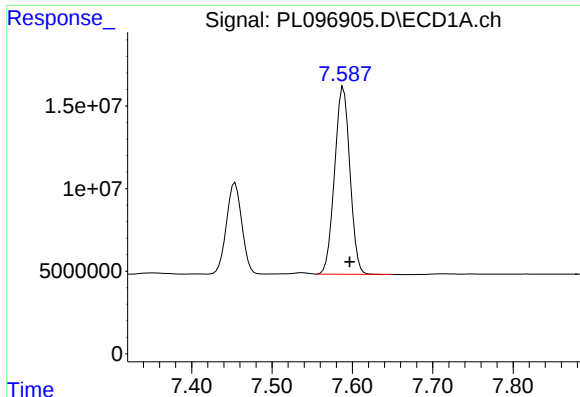
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.008 min
Response: 73966964
Conc: 50.37 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 136949516
Conc: 49.97 ng/ml m



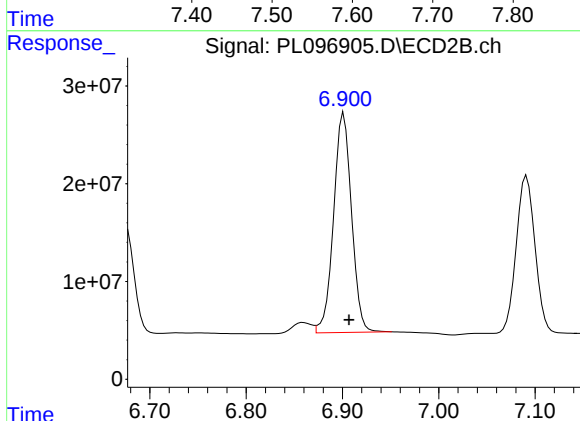
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 150805564
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

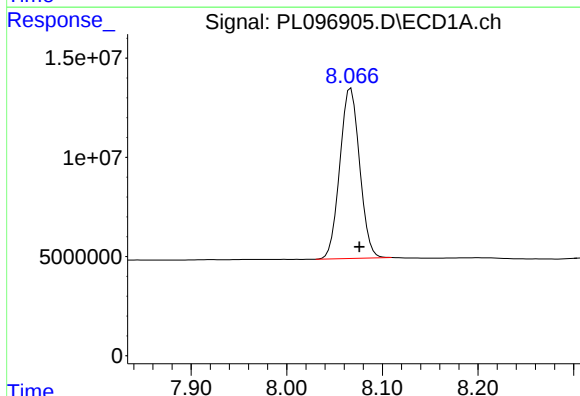
Manual Integrations
APPROVED

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



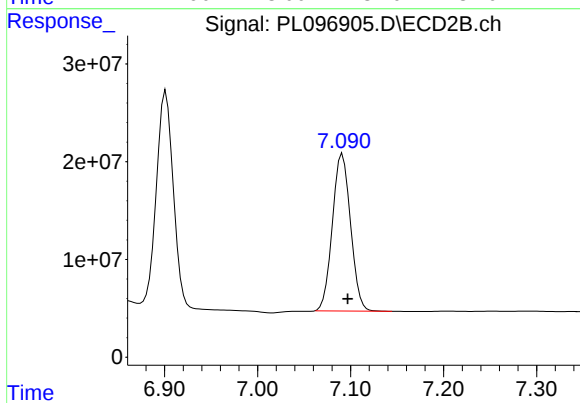
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 291234350
Conc: 52.29 ng/ml



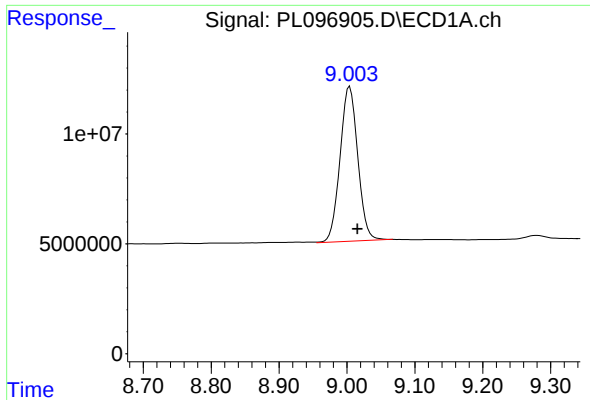
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 123419496
Conc: 49.78 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 218347897
Conc: 50.07 ng/ml



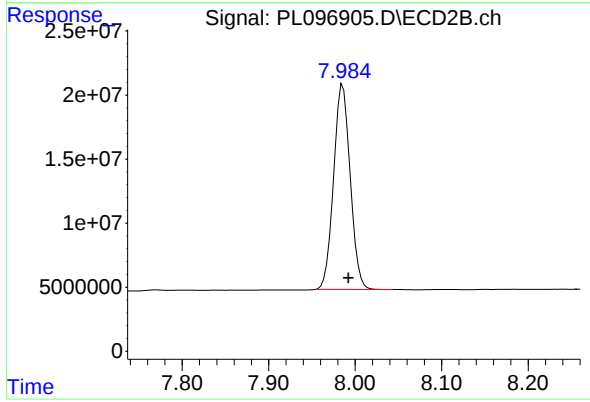
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 127647207
Conc: 53.53 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.: 7.986 min
Delta R.T.: -0.006 min
Response: 212404319
Conc: 48.96 ng/ml