

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 11:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2025
 Supervised By : mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 22:28:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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	2.822	161.5E6	263.5E6	50.775	55.151
28)	SA Decachlor...	9.013	7.987	117.2E6	225.2E6	49.143	51.906
Target Compounds							
2)	A alpha-BHC	3.979	3.327	233.3E6	391.9E6	50.430	55.383
3)	MA gamma-BHC...	4.306	3.659	223.6E6	364.3E6	50.552m	55.172
4)	MA Heptachlor	4.899	4.009	217.7E6	357.6E6	52.379	53.677
5)	MB Aldrin	5.239	4.291	214.1E6	336.1E6	49.776	54.143
6)	B beta-BHC	4.492	3.956	93246510	152.1E6	51.661m	53.906
7)	B delta-BHC	4.738	4.189	201.0E6	353.1E6	50.368m	54.537
8)	B Heptachlo...	5.658	4.794	195.2E6	304.0E6	50.625	53.225
9)	A Endosulfan I	6.041	5.165	179.4E6	280.7E6	49.886	50.753
10)	B gamma-Chl...	5.913	5.046	199.4E6	323.3E6	52.390	54.979
11)	B alpha-Chl...	5.994	5.110	193.9E6	317.9E6	50.294	53.889
12)	B 4,4'-DDE	6.164	5.299	164.7E6	291.8E6	51.289	52.914
13)	MA Dieldrin	6.313	5.430	182.6E6	337.2E6	49.215	57.086
14)	MA Endrin	6.538	5.703	155.5E6	294.2E6	51.366m	54.413m
15)	B Endosulfa...	6.753	5.996	149.9E6	268.6E6	46.808	52.291
16)	A 4,4'-DDD	6.671	5.852	124.2E6	242.4E6	49.134m	51.523
17)	MA 4,4'-DDT	6.987	6.105	141.1E6	267.0E6	49.206	52.776
18)	B Endrin al...	6.881	6.175	111.2E6	201.7E6	51.797	54.629
19)	B Endosulfa...	7.115	6.398	140.1E6	270.3E6	48.769	53.153
20)	A Methoxychlor	7.460	6.675	71012792	145.6E6	48.362	53.145m
21)	B Endrin ke...	7.594	6.902	143.6E6	280.6E6	47.753	50.385
22)	Mirex	8.073	7.092	119.4E6	225.7E6	48.141	51.765

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
Data File : PL096716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 11:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

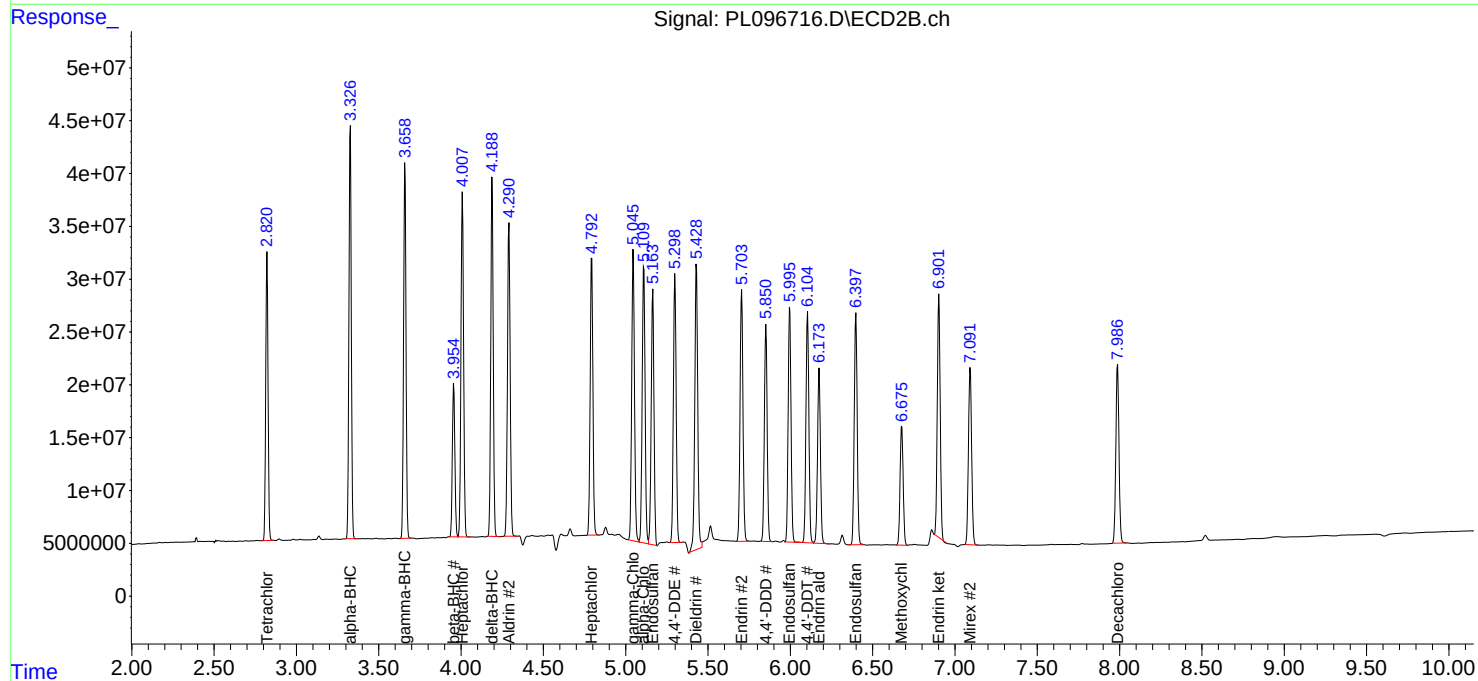
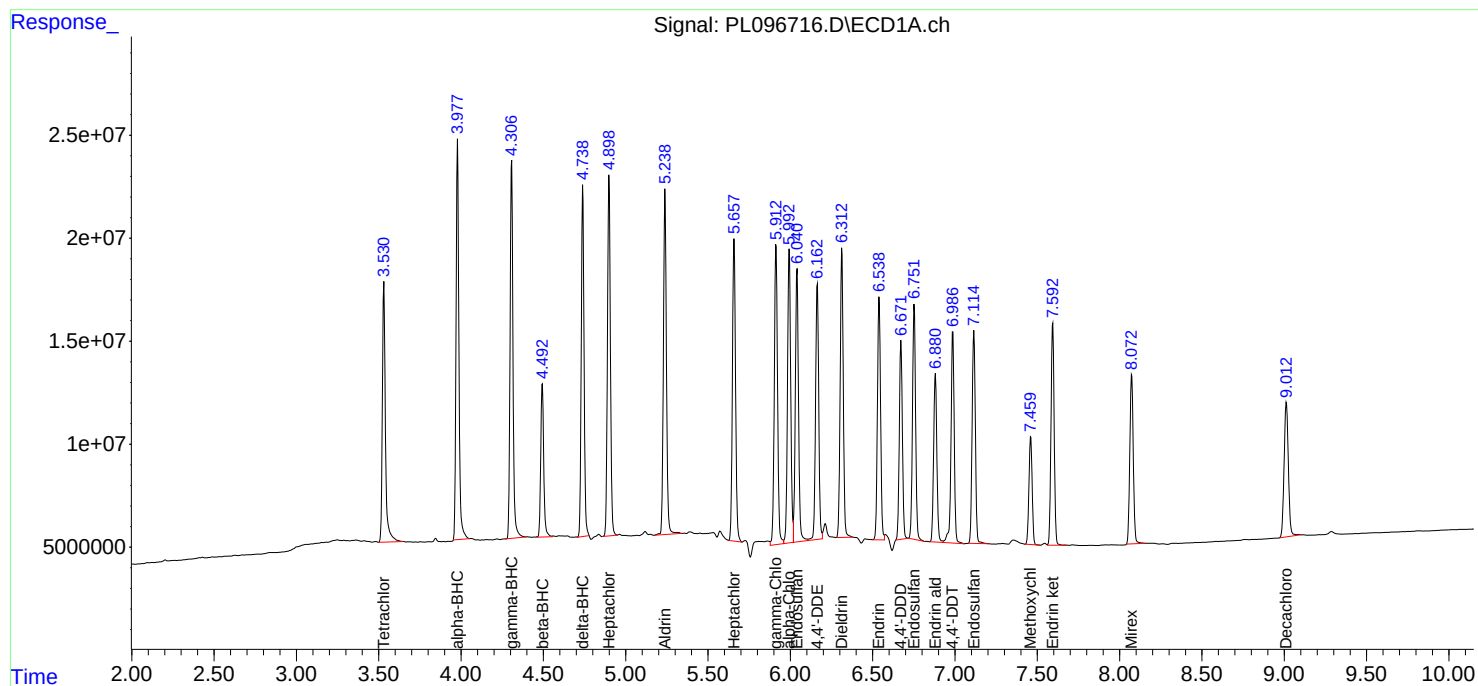
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

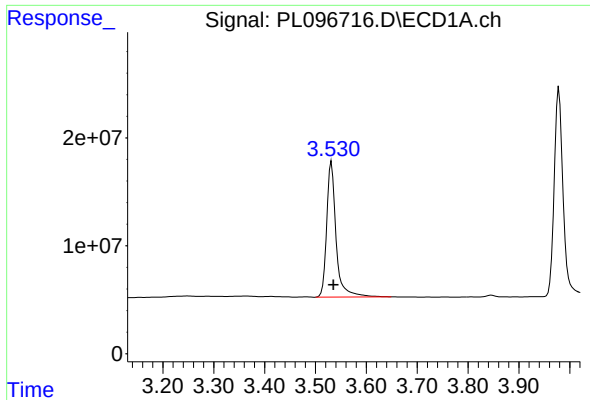
Manual Integrations
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Reviewed By :Abdul Mirza 08/07/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 22:28:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





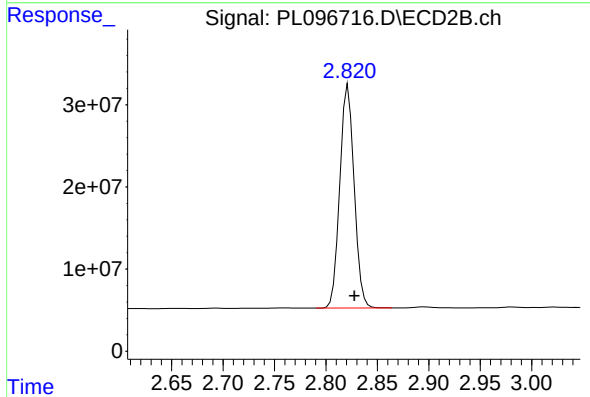
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 161504192
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

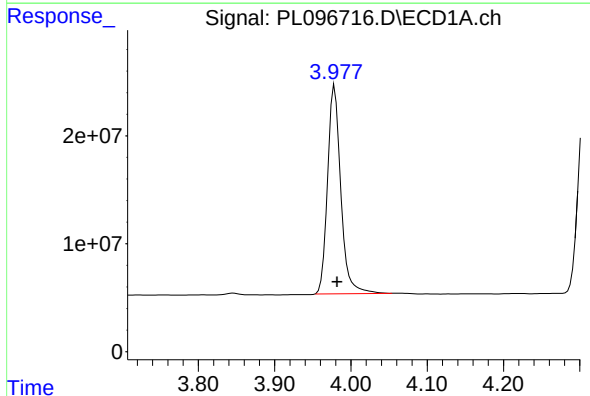
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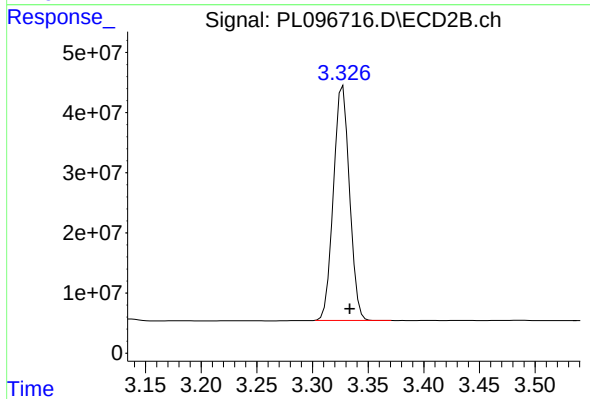
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.006 min
Response: 263497997
Conc: 55.15 ng/ml



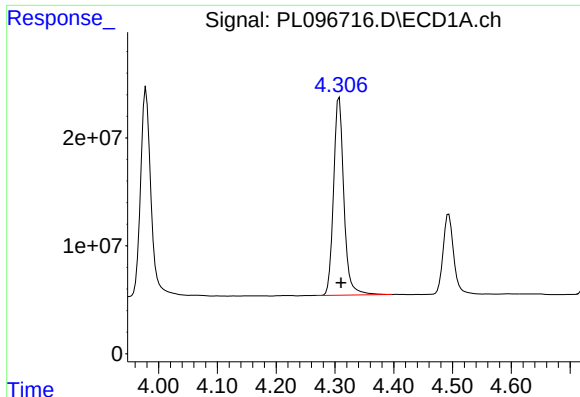
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 233305599
Conc: 50.43 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.006 min
Response: 391949488
Conc: 55.38 ng/ml



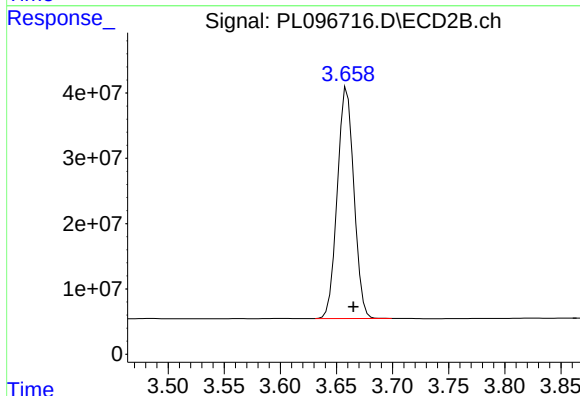
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 223612931
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

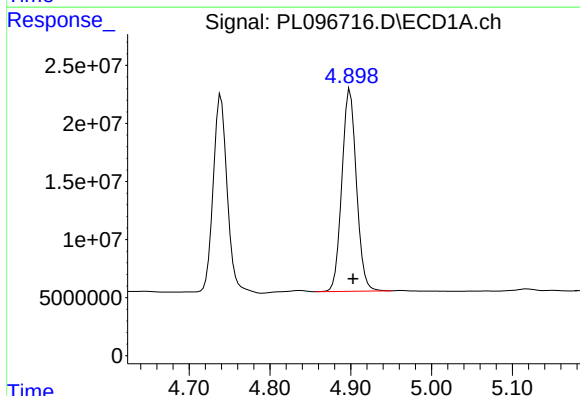
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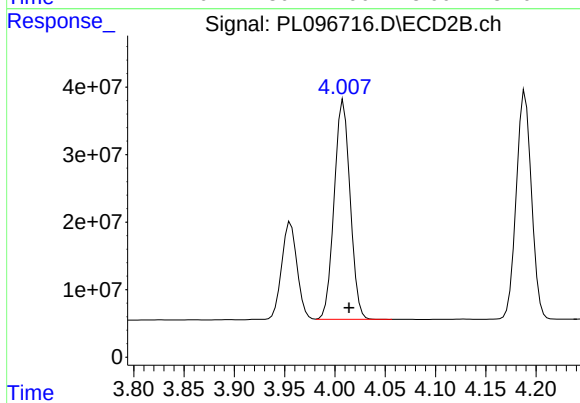
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.005 min
Response: 364317760
Conc: 55.17 ng/ml



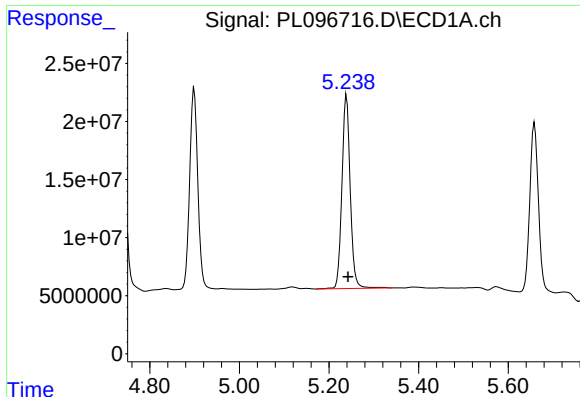
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 217670943
Conc: 52.38 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 357593737
Conc: 53.68 ng/ml



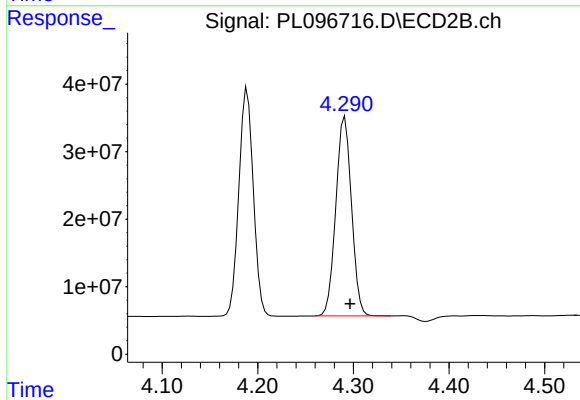
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 214088015
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

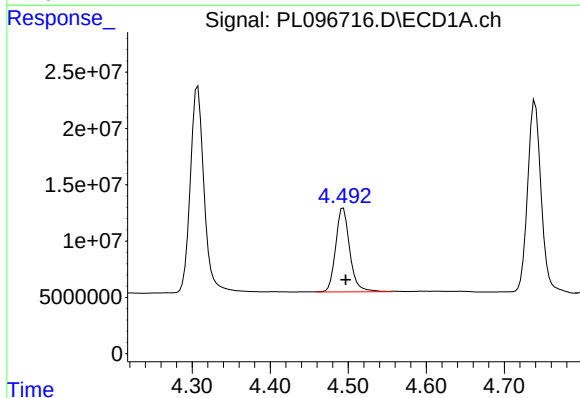
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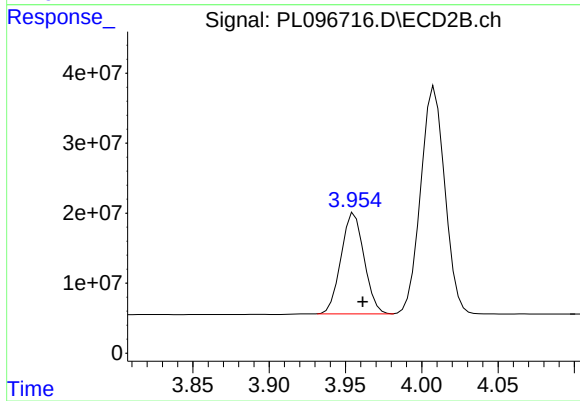
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.006 min
Response: 336069657
Conc: 54.14 ng/ml



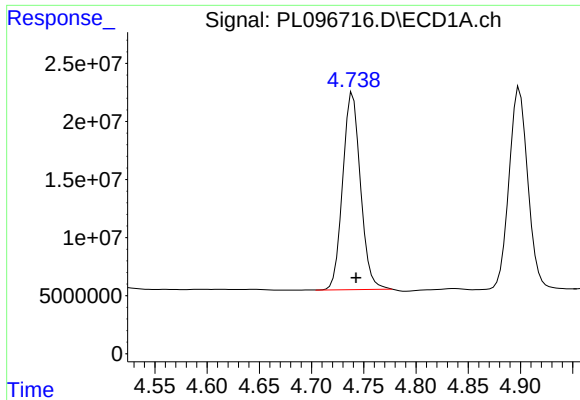
#6 beta-BHC

R.T.: 4.492 min
Delta R.T.: -0.005 min
Response: 93246510
Conc: 51.66 ng/ml m



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.005 min
Response: 152064049
Conc: 53.91 ng/ml



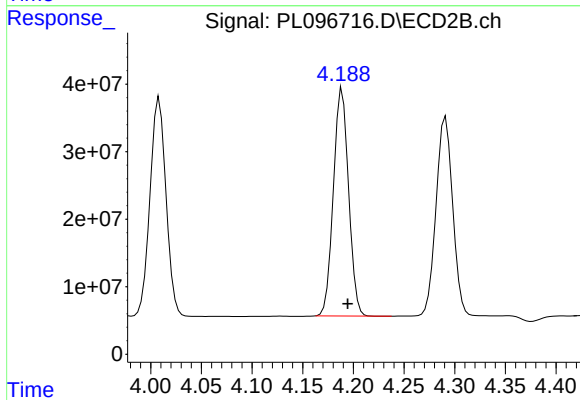
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 200960571
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

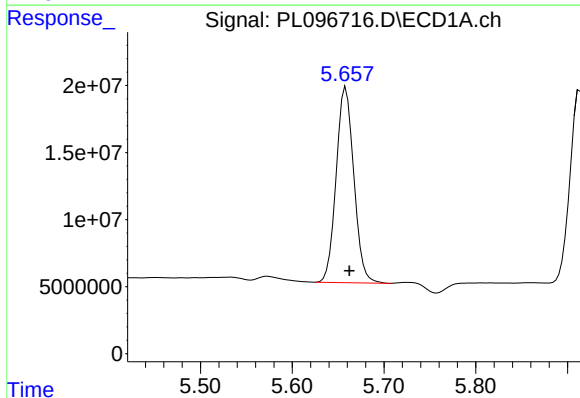
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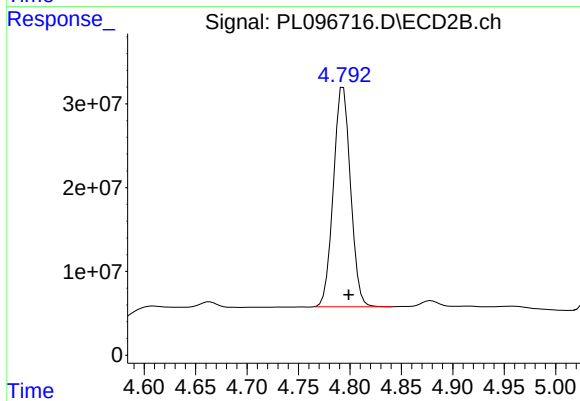
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.006 min
Response: 353054815
Conc: 54.54 ng/ml



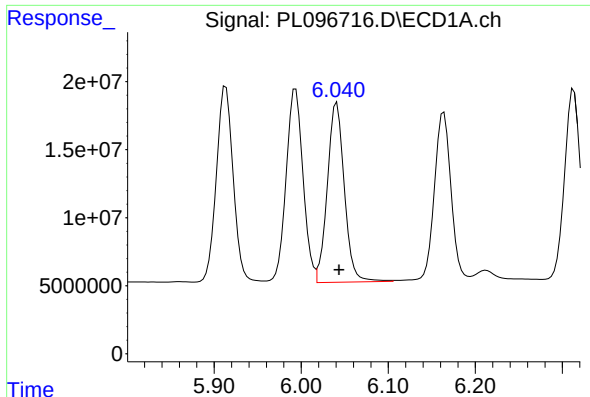
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 195236638
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 303985242
Conc: 53.22 ng/ml



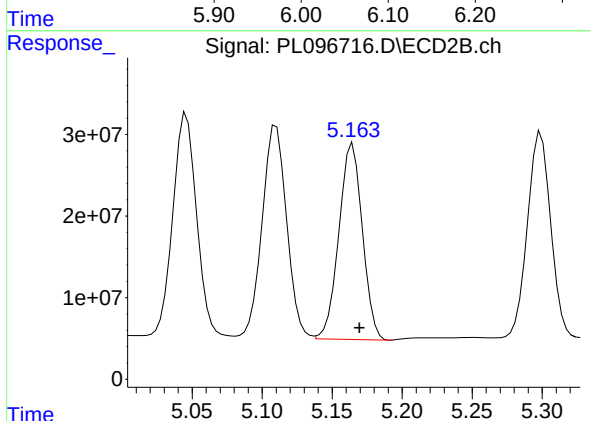
#9 Endosulfan I

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 179406875
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

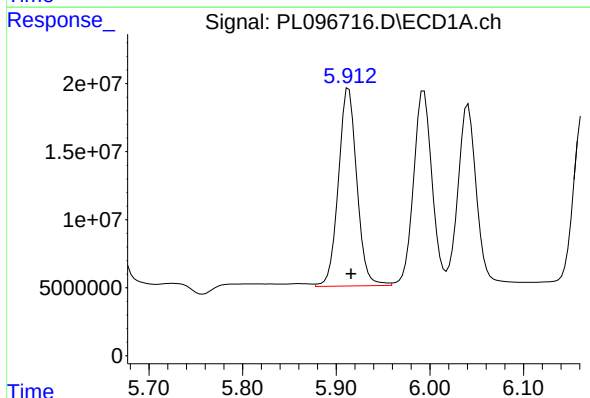
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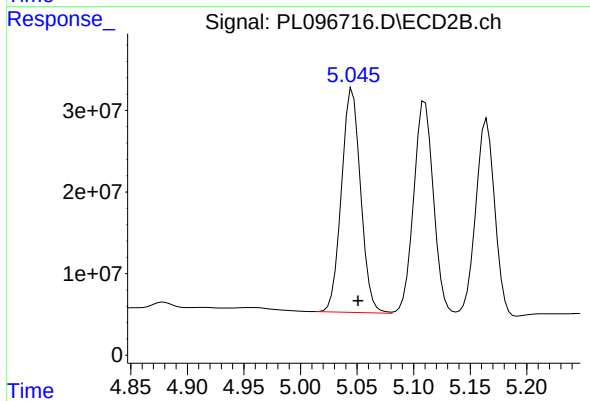
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.005 min
Response: 280737750
Conc: 50.75 ng/ml



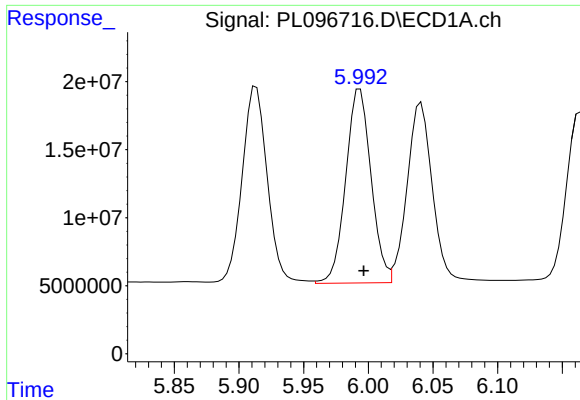
#10 gamma-Chlordane

R.T.: 5.913 min
Delta R.T.: -0.002 min
Response: 199354779
Conc: 52.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 323281851
Conc: 54.98 ng/ml



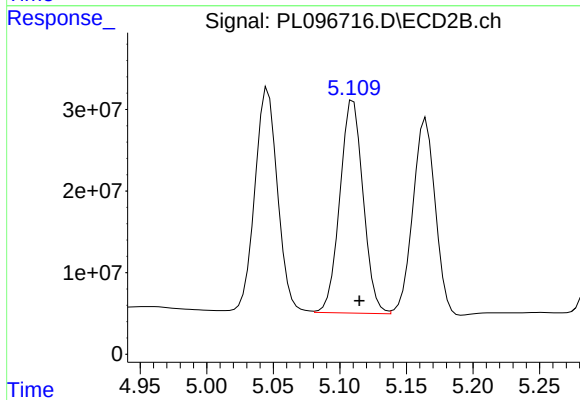
#11 alpha-Chlordane

R.T.: 5.994 min
Delta R.T.: -0.003 min
Response: 193864361
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

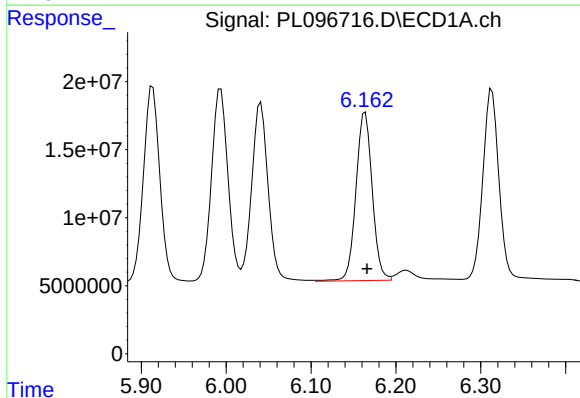
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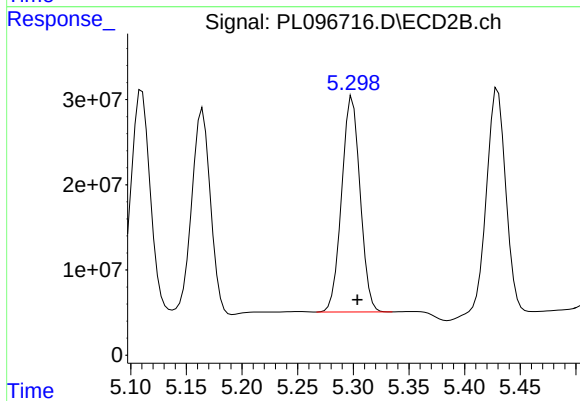
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 317887633
Conc: 53.89 ng/ml



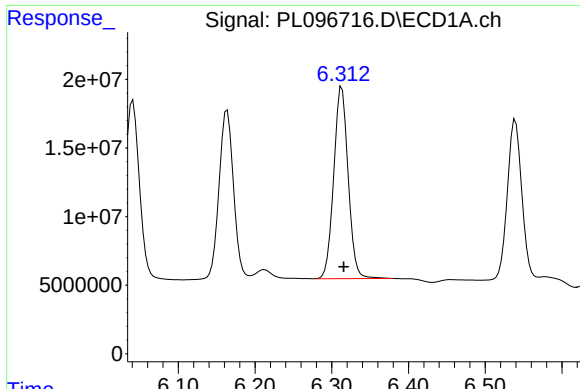
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 164700826
Conc: 51.29 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.004 min
Response: 291788627
Conc: 52.91 ng/ml



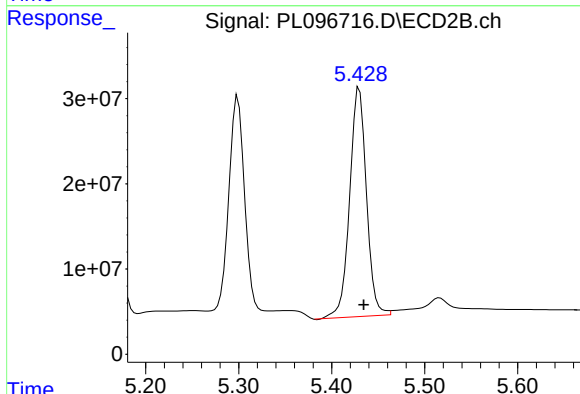
#13 Dieldrin

R.T.: 6.313 min
Delta R.T.: -0.003 min
Response: 182642768
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

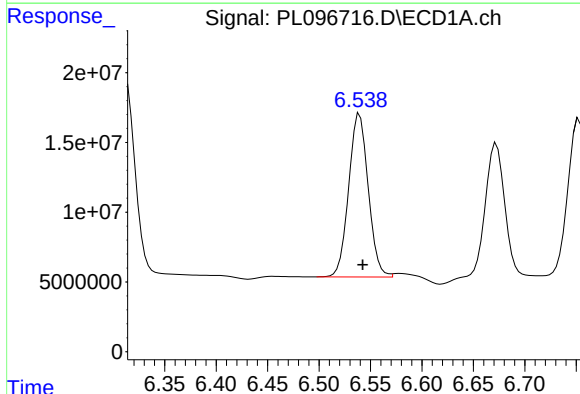
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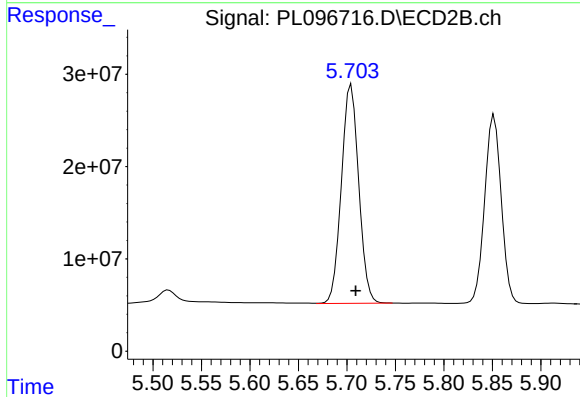
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.005 min
Response: 337182162
Conc: 57.09 ng/ml



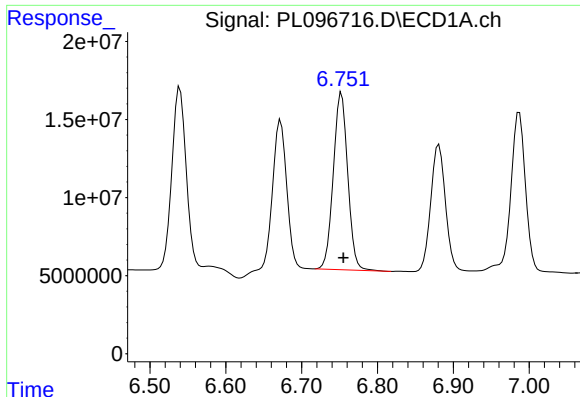
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 155473144
Conc: 51.37 ng/ml m



#14 Endrin

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 294152767
Conc: 54.41 ng/ml m



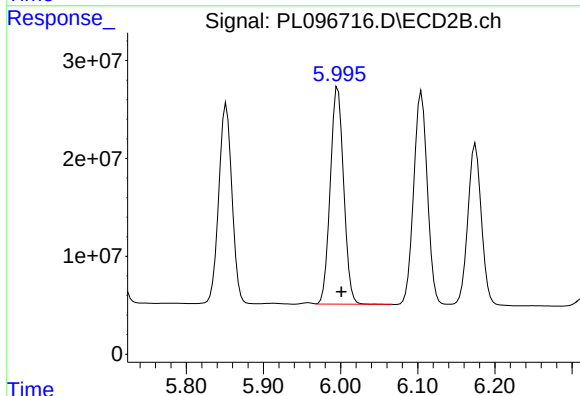
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 149909571
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

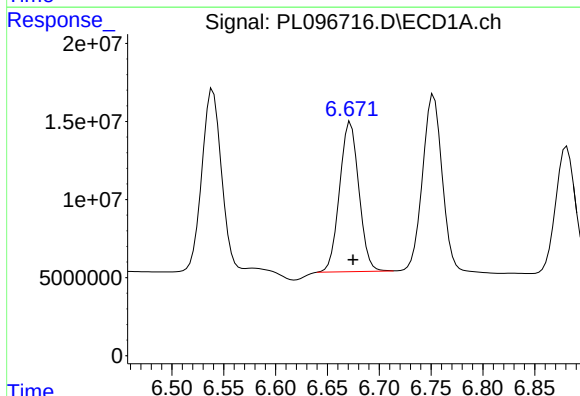
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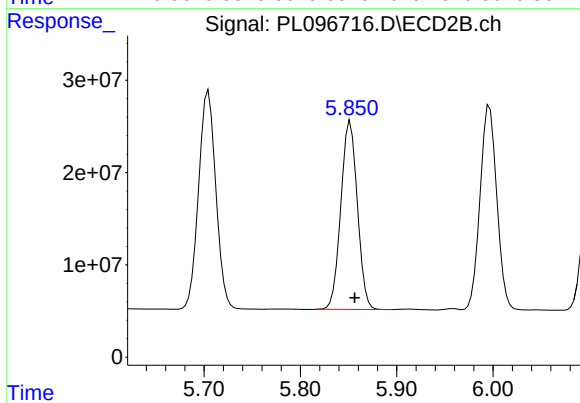
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 268580631
Conc: 52.29 ng/ml



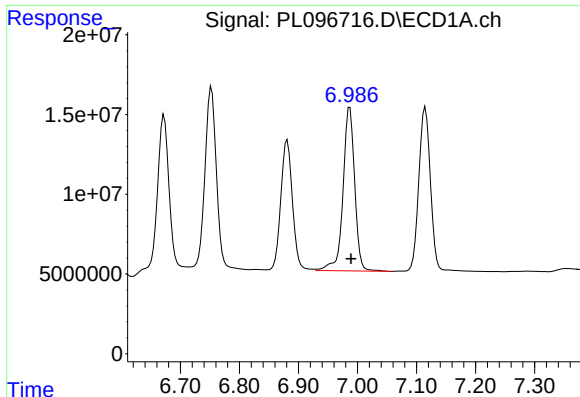
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 124229519
Conc: 49.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 242429972
Conc: 51.52 ng/ml



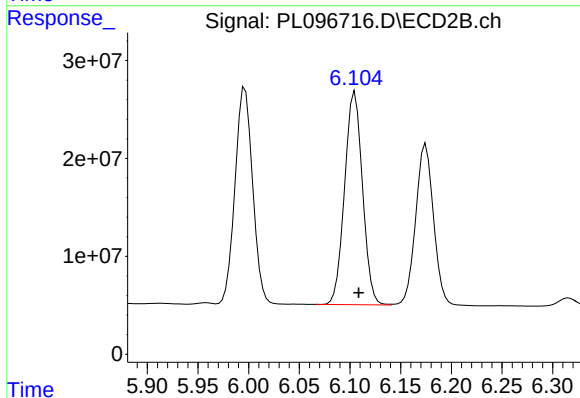
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 141107581
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

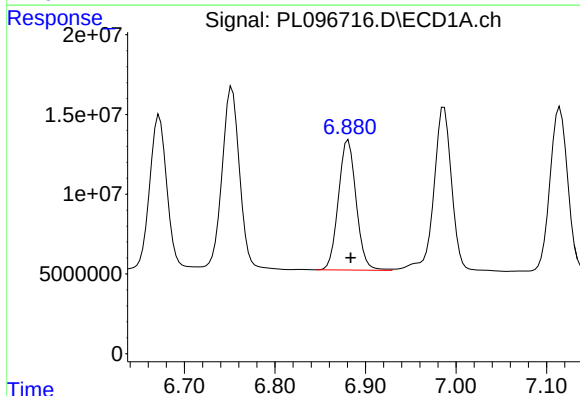
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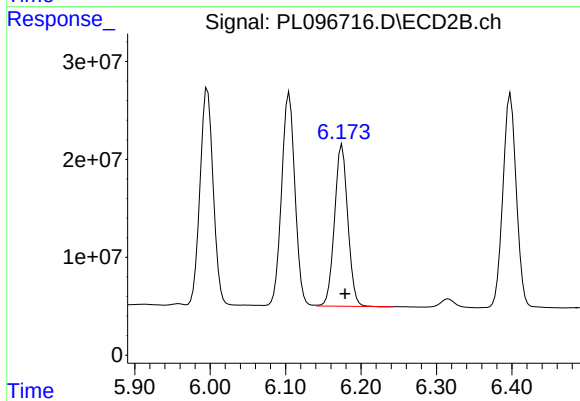
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 266958860
Conc: 52.78 ng/ml



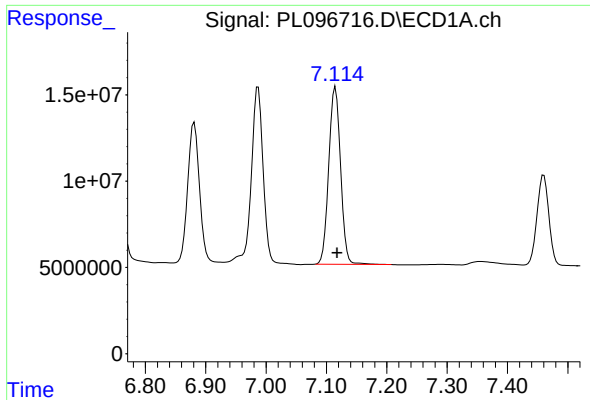
#18 Endrin aldehyde

R.T.: 6.881 min
Delta R.T.: -0.003 min
Response: 111151868
Conc: 51.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 201735686
Conc: 54.63 ng/ml



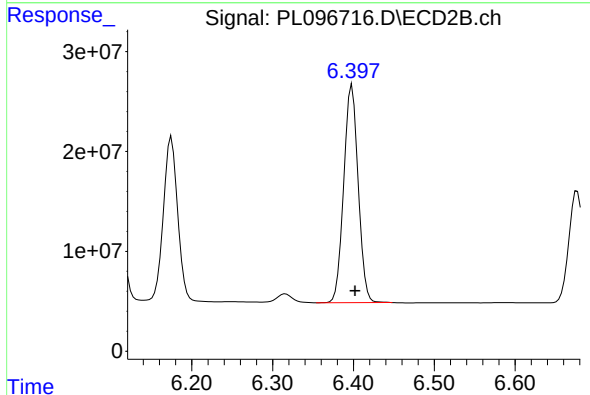
#19 Endosulfan Sulfate

R.T.: 7.115 min
Delta R.T.: -0.003 min
Response: 140146767
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

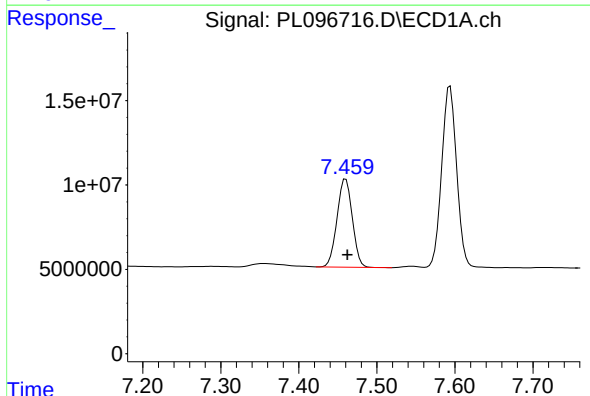
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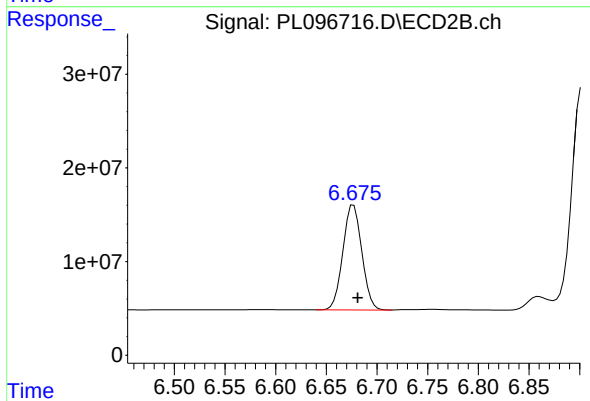
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 270345974
Conc: 53.15 ng/ml



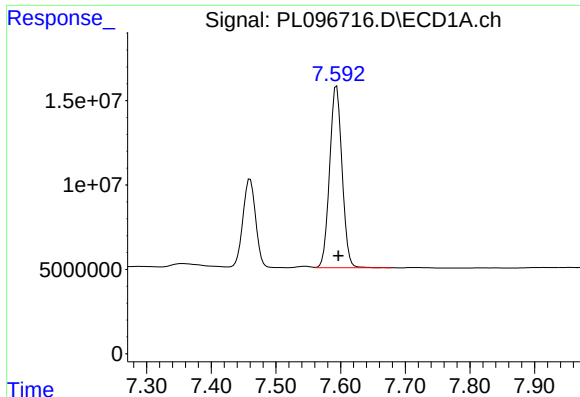
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 71012792
Conc: 48.36 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 145642740
Conc: 53.14 ng/ml m



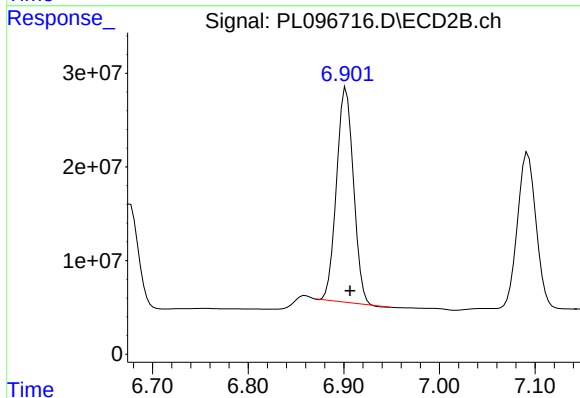
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: -0.003 min
Response: 143579555
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

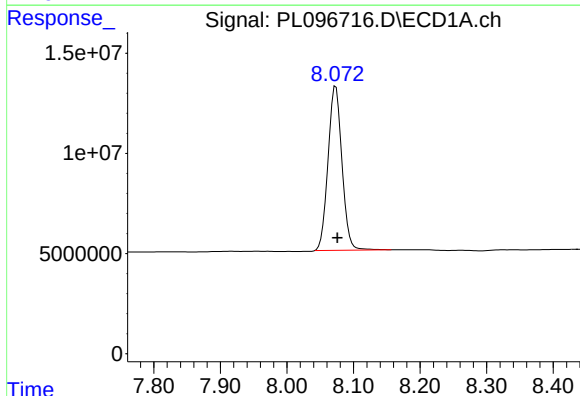
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APPROVED

Reviewed By :Abdul Mirza 08/07/2025
Supervised By :mohammad ahmed 08/08/2025



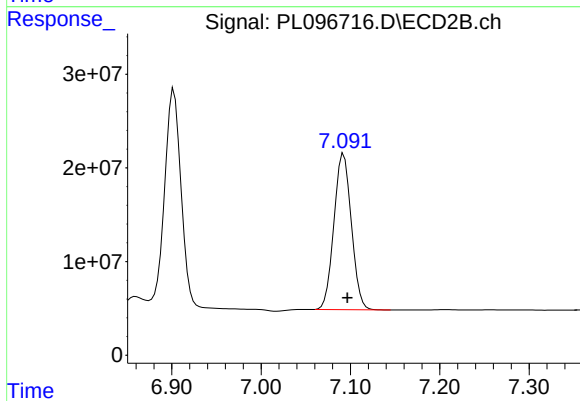
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.004 min
Response: 280634334
Conc: 50.39 ng/ml



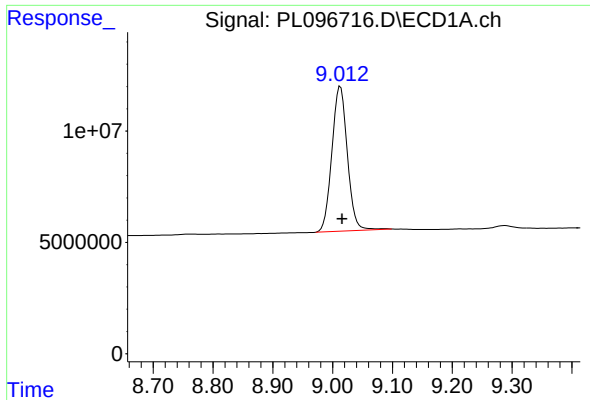
#22 Mirex

R.T.: 8.073 min
Delta R.T.: -0.002 min
Response: 119357938
Conc: 48.14 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 225741007
Conc: 51.77 ng/ml



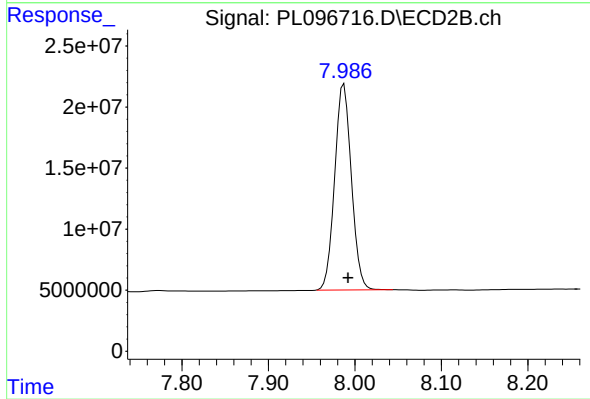
#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.003 min
Response: 117188793
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 225182839
Conc: 51.91 ng/ml