

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 16:05
 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 22:32:53 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...	3.533	2.827	163.0E6	260.7E6	51.231	54.560
28)	SA Decachlor...	9.007	7.988	114.8E6	205.7E6	48.131	47.424
Target Compounds							
2)	A alpha-BHC	3.980	3.333	235.6E6	390.5E6	50.921	55.173
3)	MA gamma-BHC...	4.308	3.664	223.0E6	362.8E6	50.421	54.942
4)	MA Heptachlor	4.899	4.013	216.8E6	353.8E6	52.160	53.110
5)	MB Aldrin	5.239	4.296	211.0E6	333.0E6	49.060	53.643
6)	B beta-BHC	4.494	3.960	93380328	152.9E6	51.735	54.212
7)	B delta-BHC	4.739	4.193	208.2E6	352.1E6	52.179m	54.382
8)	B Heptachlo...	5.658	4.797	196.2E6	301.3E6	50.879	52.750
9)	A Endosulfan I	6.040	5.168	175.5E6	271.0E6	48.794	49.001
10)	B gamma-Chl...	5.912	5.049	198.2E6	311.4E6	52.099	52.951
11)	B alpha-Chl...	5.992	5.113	190.9E6	306.1E6	49.513	51.889
12)	B 4,4'-DDE	6.162	5.300	157.2E6	283.4E6	48.943	51.397m
13)	MA Dieldrin	6.312	5.431	178.6E6	306.1E6	48.125	51.818m
14)	MA Endrin	6.538	5.706	146.7E6	279.8E6	48.482	51.749
15)	B Endosulfa...	6.750	5.998	150.2E6	257.0E6	46.909	50.038
16)	A 4,4'-DDD	6.669	5.854	123.8E6	233.6E6	48.945m	49.641
17)	MA 4,4'-DDT	6.985	6.106	136.1E6	246.0E6	47.472	48.632
18)	B Endrin al...	6.879	6.176	108.4E6	198.1E6	50.524	53.572
19)	B Endosulfa...	7.113	6.399	134.0E6	254.2E6	46.629	49.973
20)	A Methoxychlor	7.457	6.678	67317827	131.6E6	45.846	48.032
21)	B Endrin ke...	7.592	6.904	138.9E6	258.7E6	46.208	46.446
22)	Mirex	8.071	7.094	115.1E6	209.3E6	46.413	48.002

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
Data File : PL096732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 16:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

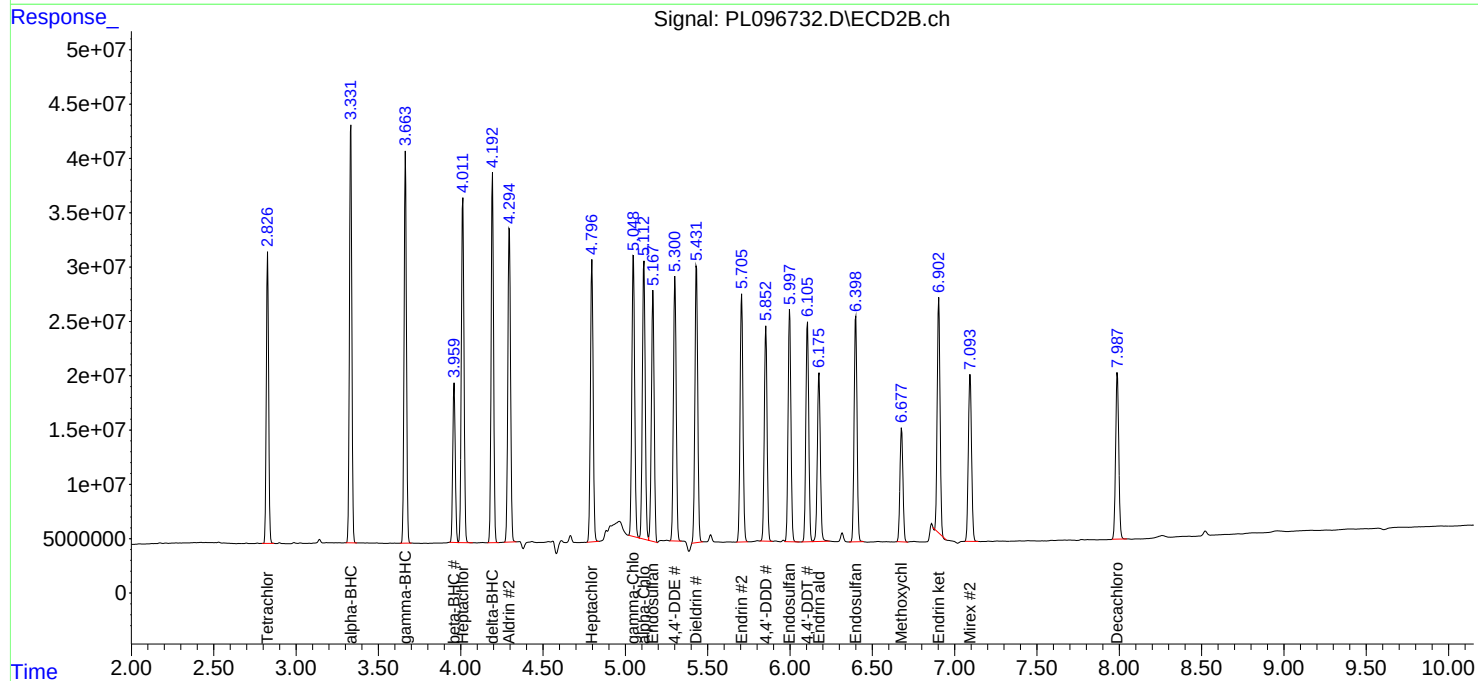
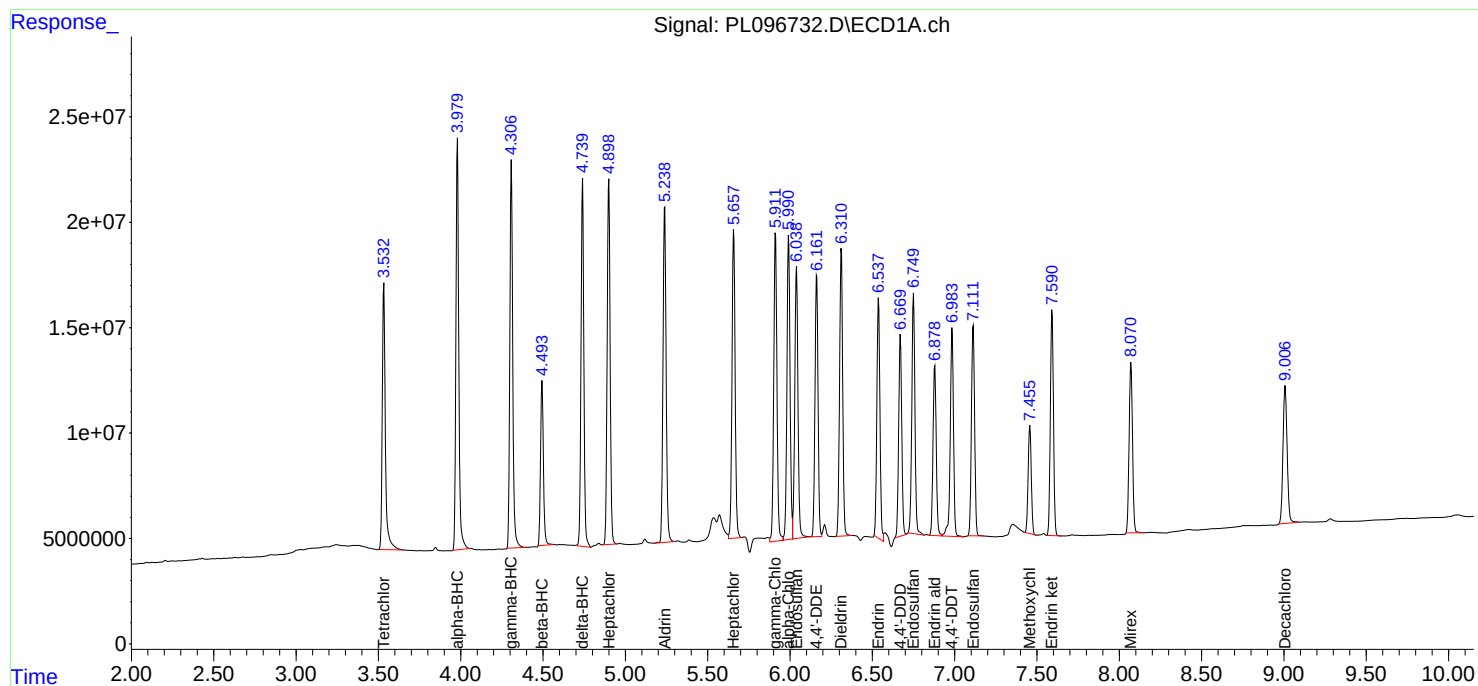
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

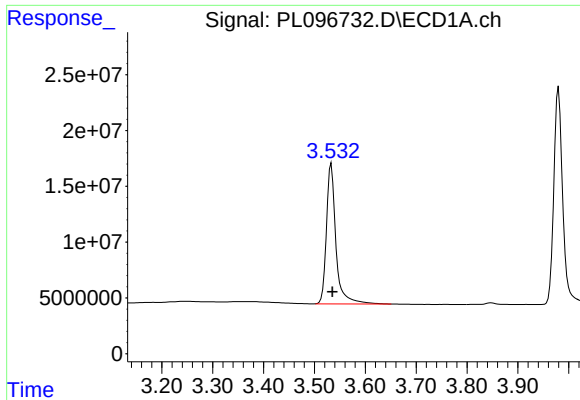
Manual Integrations
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Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 22:32:53 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





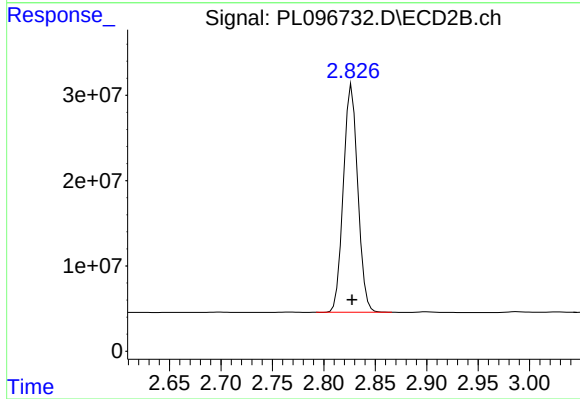
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.002 min
Response: 162953321
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

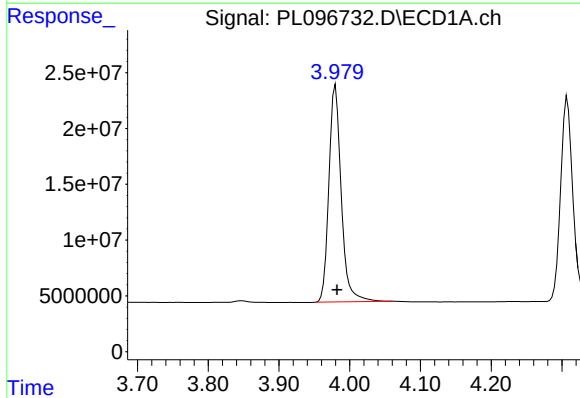
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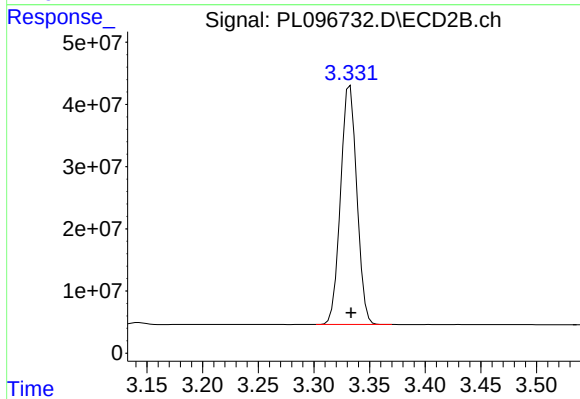
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 260673932
Conc: 54.56 ng/ml



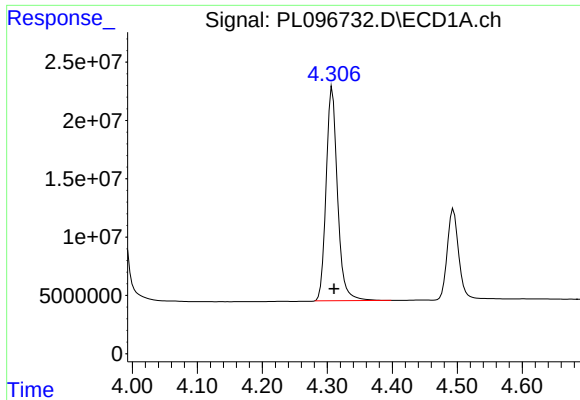
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 235579759
Conc: 50.92 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 390461552
Conc: 55.17 ng/ml



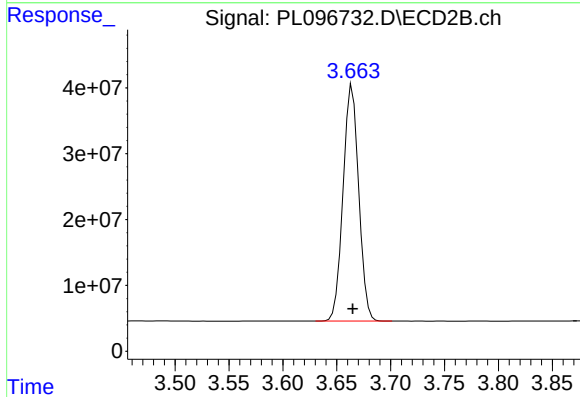
#3 gamma-BHC (Lindane)

R.T.: 4.308 min
Delta R.T.: -0.003 min
Response: 223033271
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

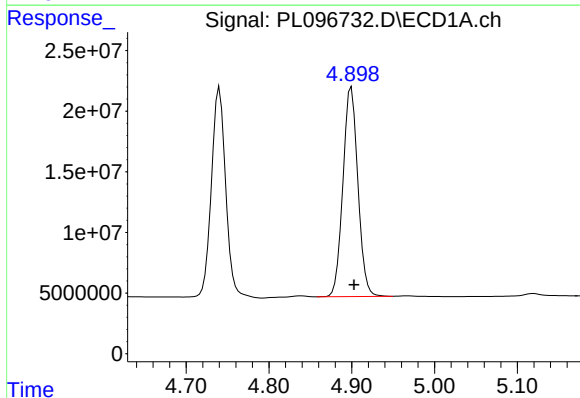
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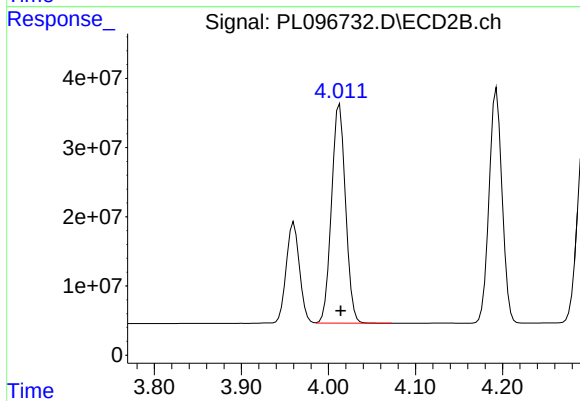
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 362801259
Conc: 54.94 ng/ml



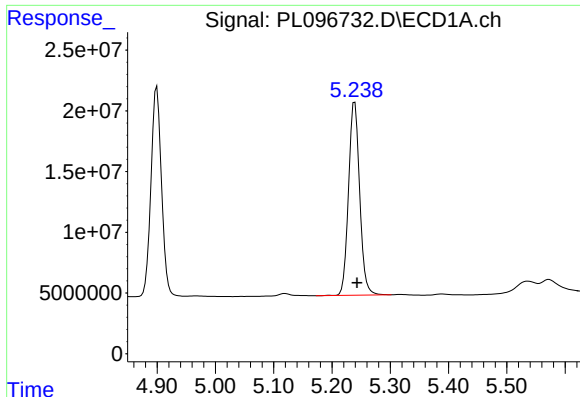
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 216759221
Conc: 52.16 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 353816020
Conc: 53.11 ng/ml



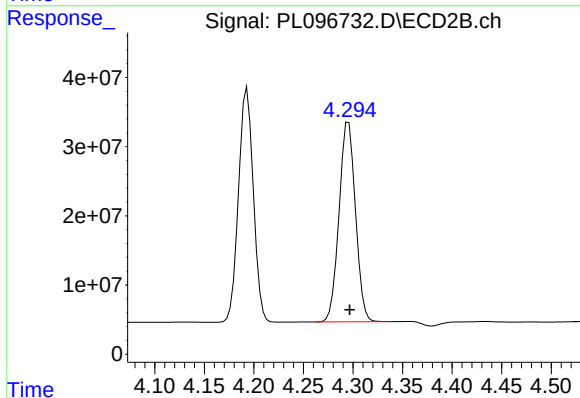
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 211008613
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

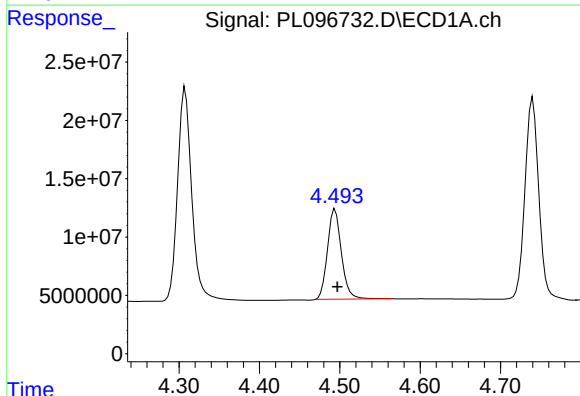
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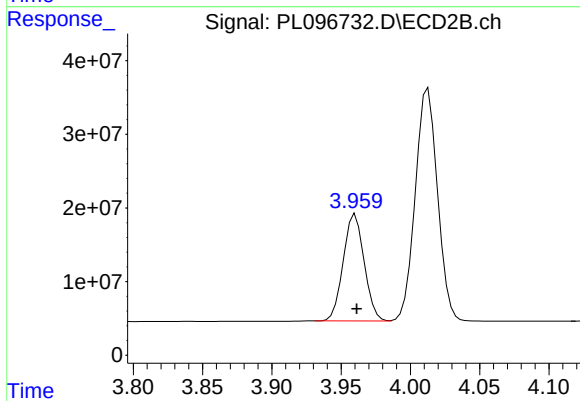
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 332964391
Conc: 53.64 ng/ml



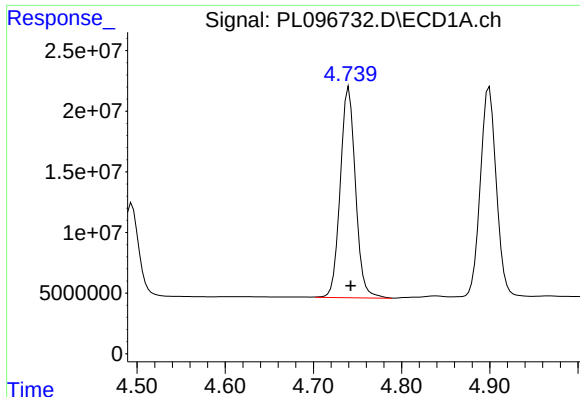
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.003 min
Response: 93380328
Conc: 51.74 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 152927457
Conc: 54.21 ng/ml



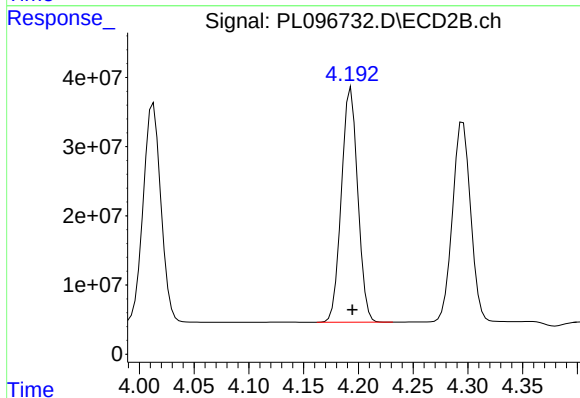
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: -0.004 min
Response: 208188912
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

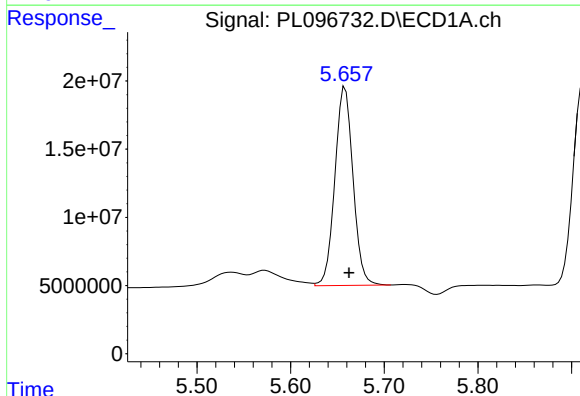
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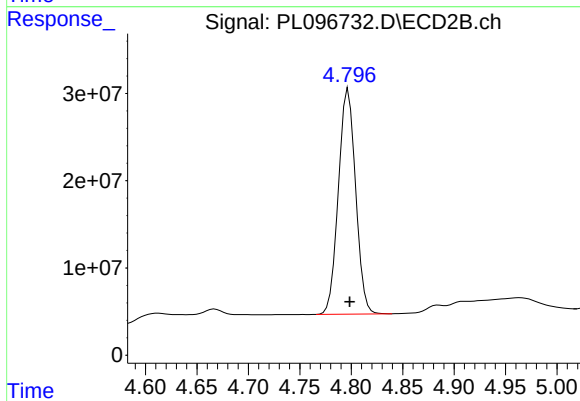
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 352050417
Conc: 54.38 ng/ml



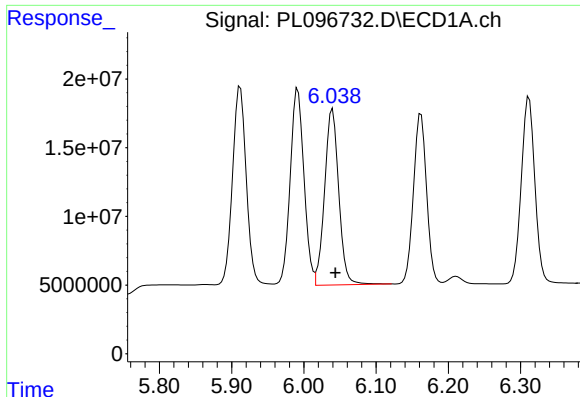
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 196218852
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 301271463
Conc: 52.75 ng/ml



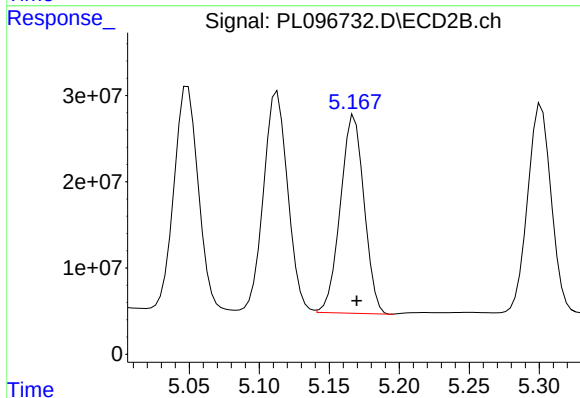
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 175483087
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

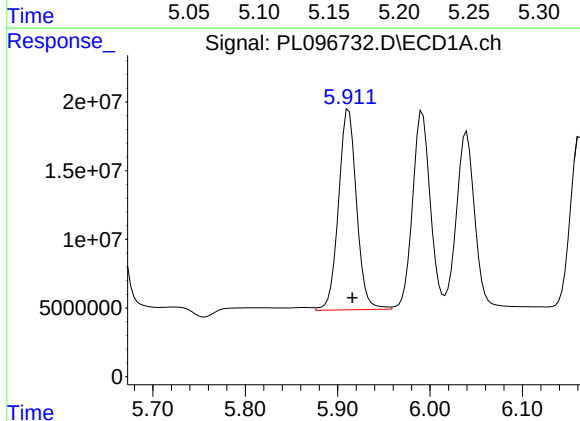
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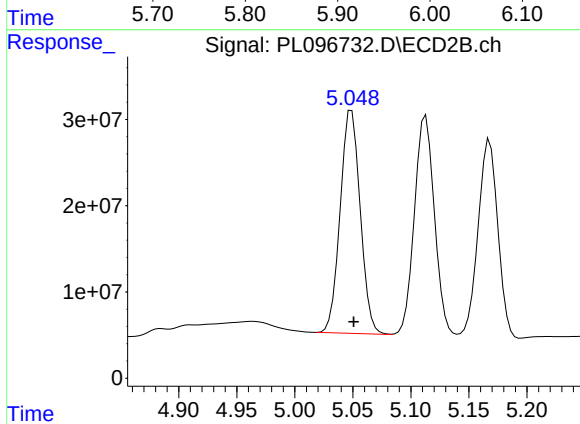
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 271044311
Conc: 49.00 ng/ml



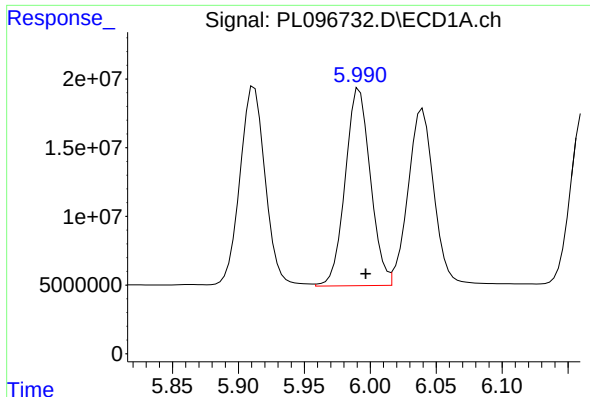
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 198248094
Conc: 52.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.002 min
Response: 311355478
Conc: 52.95 ng/ml



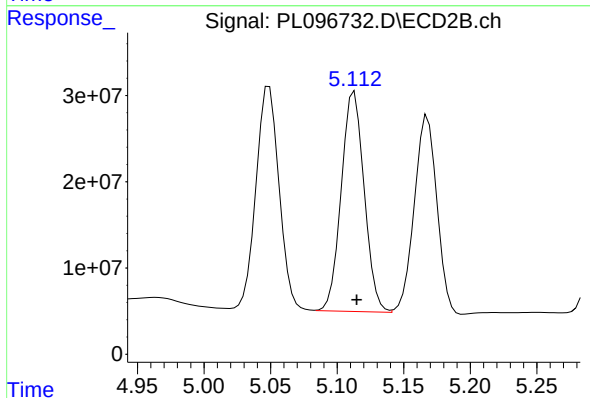
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.005 min
Response: 190856434
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

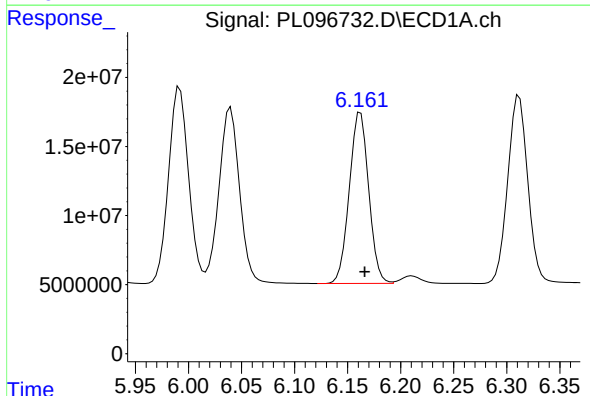
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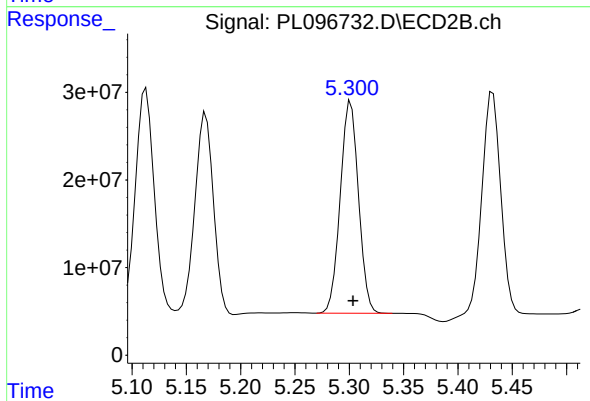
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 306089666
Conc: 51.89 ng/ml



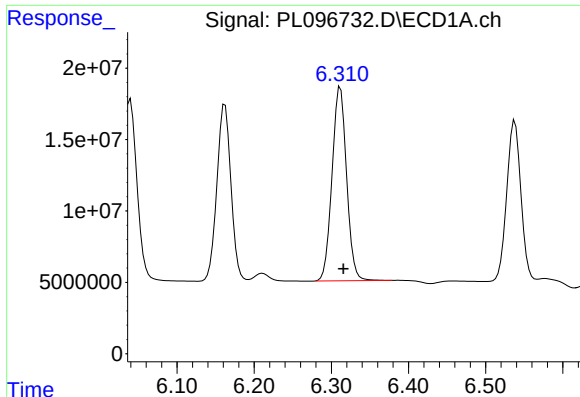
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.004 min
Response: 157167729
Conc: 48.94 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 283422724
Conc: 51.40 ng/ml m



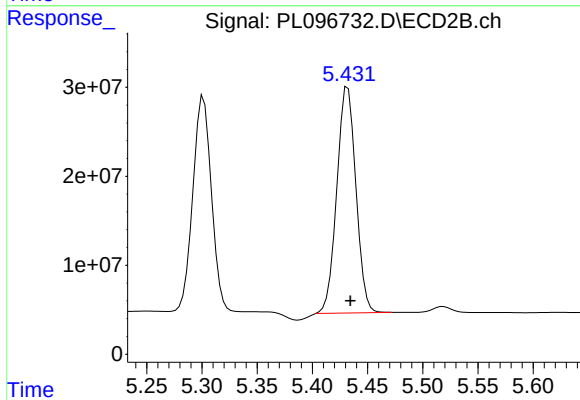
#13 Dieldrin

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 178600470
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

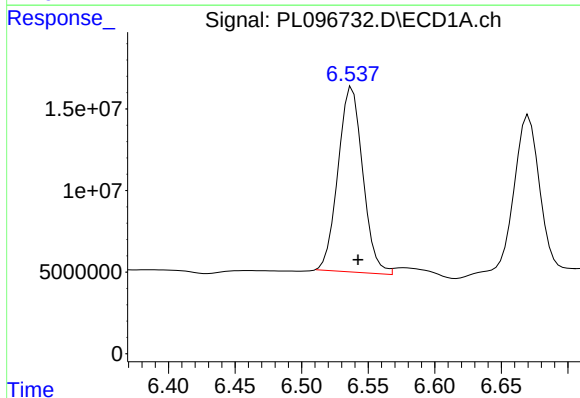
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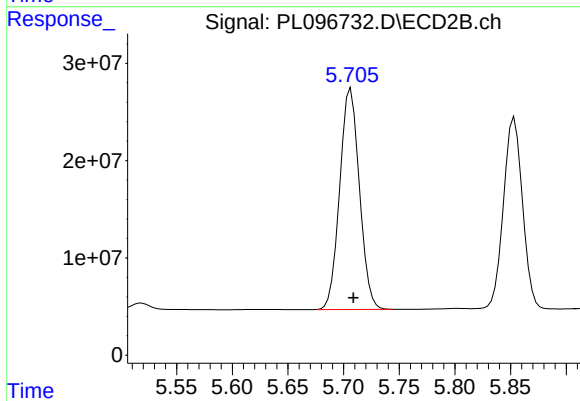
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.004 min
Response: 306067883
Conc: 51.82 ng/ml m



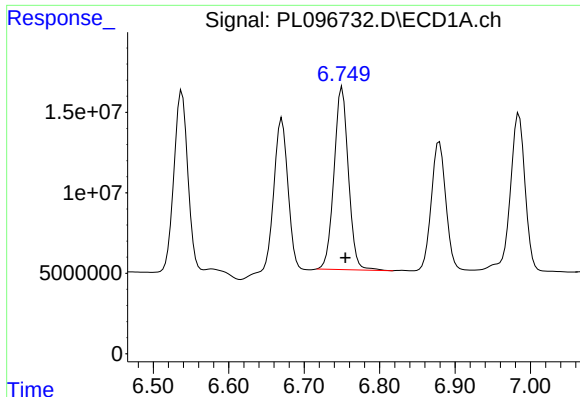
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 146744722
Conc: 48.48 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 279753936
Conc: 51.75 ng/ml



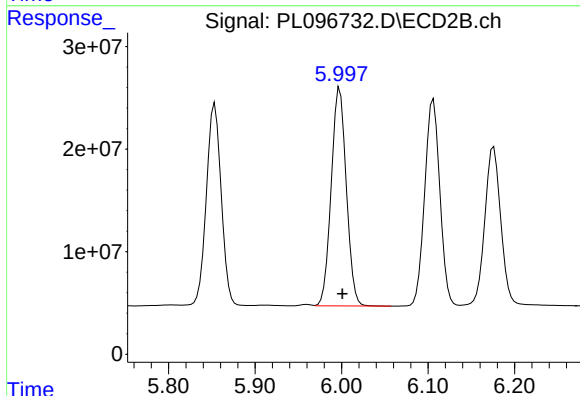
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 150234343
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

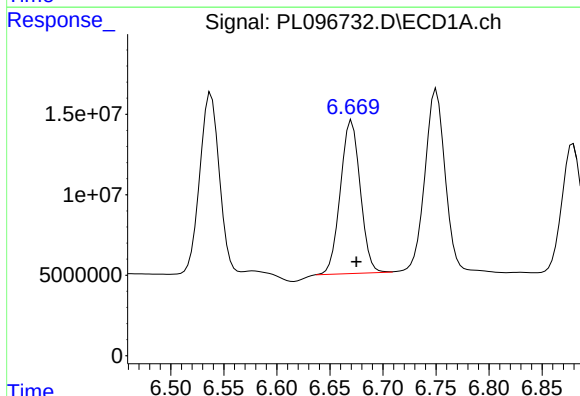
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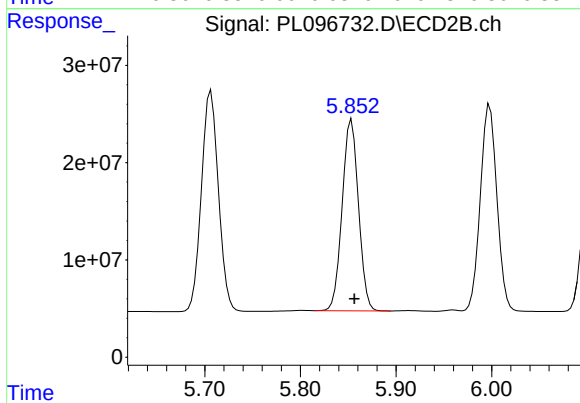
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 257005042
Conc: 50.04 ng/ml



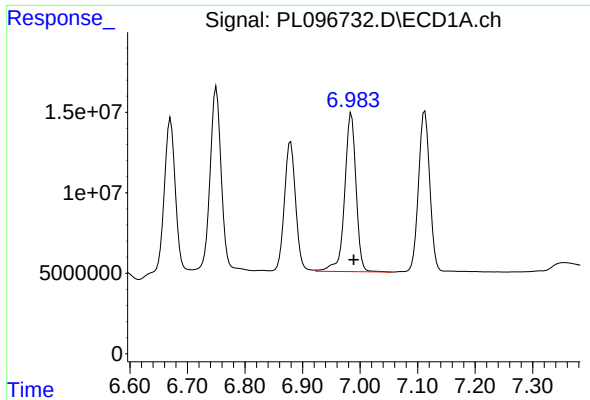
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 123750664
Conc: 48.94 ng/ml m



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 233576703
Conc: 49.64 ng/ml



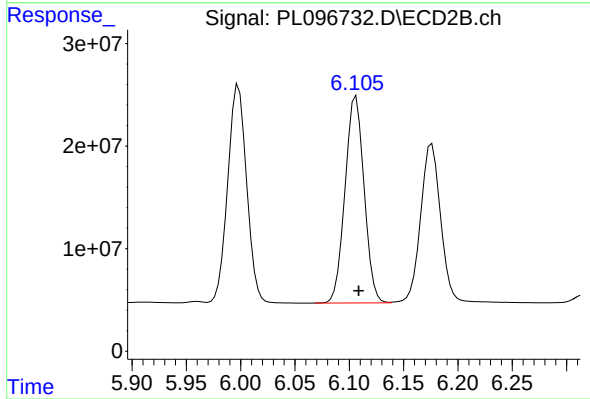
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 136135015
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

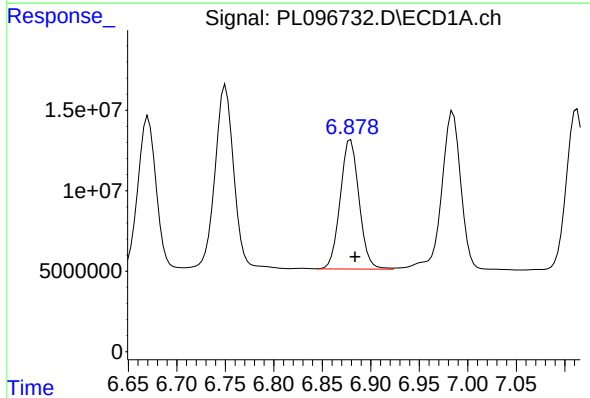
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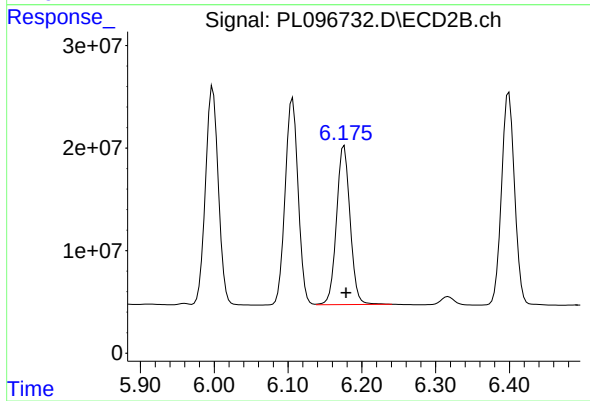
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 245993343
Conc: 48.63 ng/ml



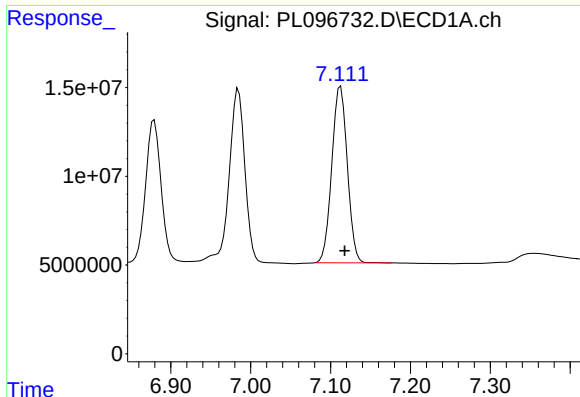
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 108420466
Conc: 50.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 198069144
Conc: 53.57 ng/ml



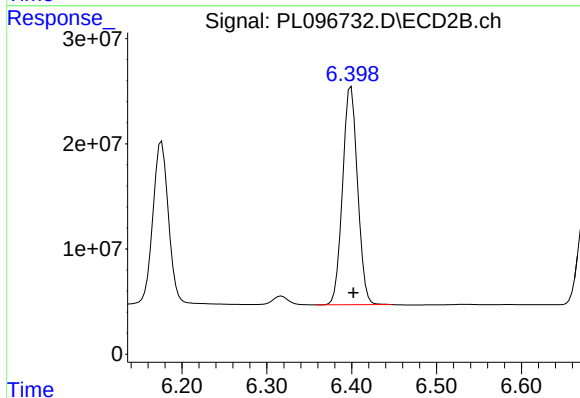
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 133996327
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

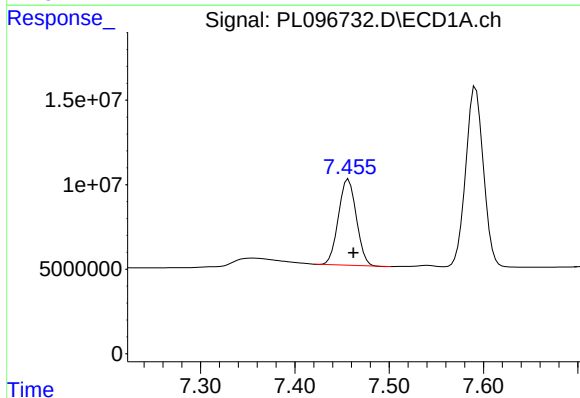
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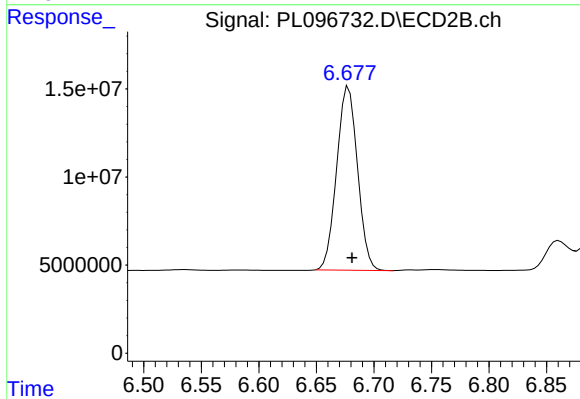
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 254172114
Conc: 49.97 ng/ml



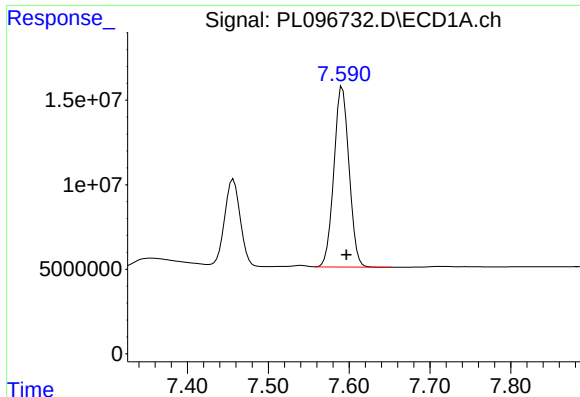
#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 67317827
Conc: 45.85 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 131632081
Conc: 48.03 ng/ml



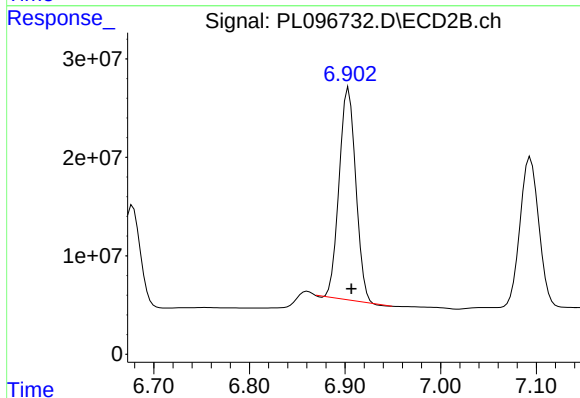
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: -0.005 min
Response: 138935379
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

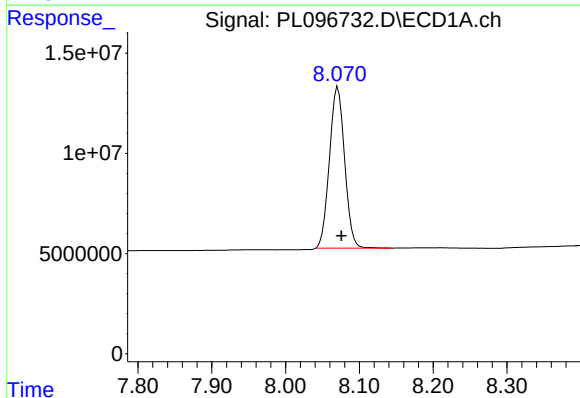
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APPROVED

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



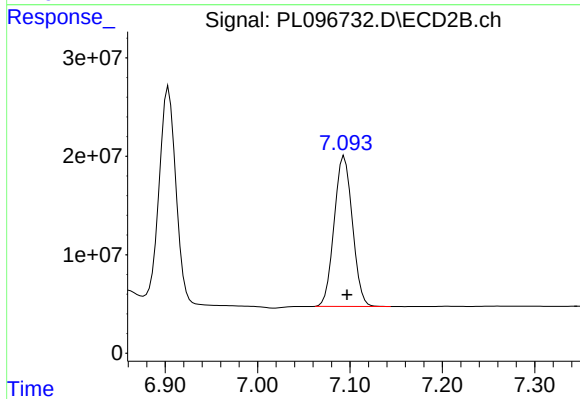
#21 Endrin ketone

R.T.: 6.904 min
Delta R.T.: -0.003 min
Response: 258694398
Conc: 46.45 ng/ml



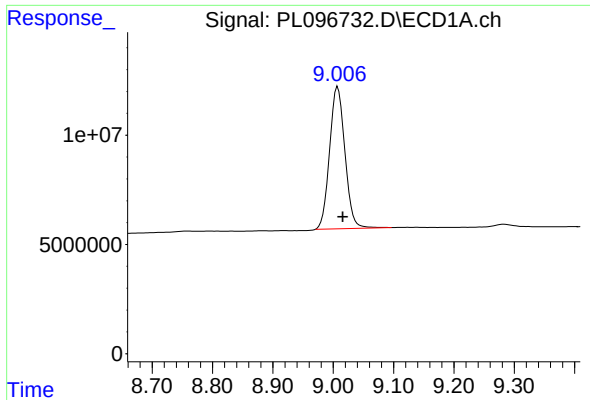
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 115074209
Conc: 46.41 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 209328950
Conc: 48.00 ng/ml



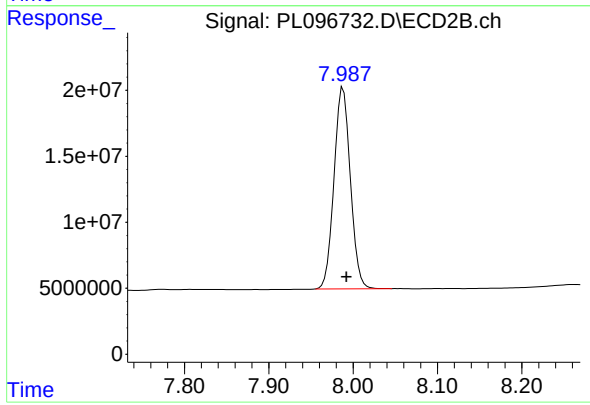
#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: -0.008 min
Response: 114776777
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 205740076
Conc: 47.42 ng/ml