

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071725\
 Data File : PL096428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 12:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/18/2025
 Supervised By : mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 18:17:36 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...	3.537	2.826	190.5E6	324.6E6	52.209	56.241
28)	SA Decachlor...	9.025	7.996	132.3E6	246.8E6	47.016	49.501
Target Compounds							
2)	A alpha-BHC	3.985	3.332	281.7E6	485.5E6	54.772	57.566
3)	MA gamma-BHC...	4.313	3.664	267.8E6	448.0E6	53.782	56.878
4)	MA Heptachlor	4.907	4.014	253.1E6	436.0E6	55.255	57.309
5)	MB Aldrin	5.245	4.297	251.6E6	410.9E6	52.051m	56.319
6)	B beta-BHC	4.499	3.961	112.2E6	188.6E6	53.977	55.087
7)	B delta-BHC	4.746	4.194	245.3E6	436.3E6	54.745	56.645
8)	B Heptachlo...	5.666	4.800	224.4E6	366.8E6	54.094	54.865
9)	A Endosulfan I	6.049	5.171	209.0E6	341.6E6	51.774	47.612
10)	B gamma-Chl...	5.921	5.052	227.5E6	390.8E6	51.417	55.671
11)	B alpha-Chl...	6.002	5.116	225.5E6	381.3E6	51.504	50.698
12)	B 4,4'-DDE	6.171	5.305	190.8E6	361.3E6	51.453	55.891
13)	MA Dieldrin	6.321	5.435	217.4E6	378.3E6	51.407	55.474m
14)	MA Endrin	6.548	5.711	174.0E6	340.7E6	55.937	55.878
15)	B Endosulfa...	6.760	6.003	187.8E6	323.8E6	54.108	55.220
16)	A 4,4'-DDD	6.681	5.858	162.2E6	302.0E6	55.716	58.882
17)	MA 4,4'-DDT	6.995	6.111	161.3E6	330.3E6	53.137	57.597
18)	B Endrin al...	6.889	6.181	129.7E6	242.7E6	58.030	54.473
19)	B Endosulfa...	7.123	6.405	157.4E6	317.3E6	51.444	56.423
20)	A Methoxychlor	7.467	6.684	85180157	165.6E6	54.069	54.510
21)	B Endrin ke...	7.603	6.908	164.8E6	370.7E6	49.913	59.292m
22)	Mirex	8.082	7.100	137.4E6	259.5E6	49.375	52.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071725\
Data File : PL096428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 12:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

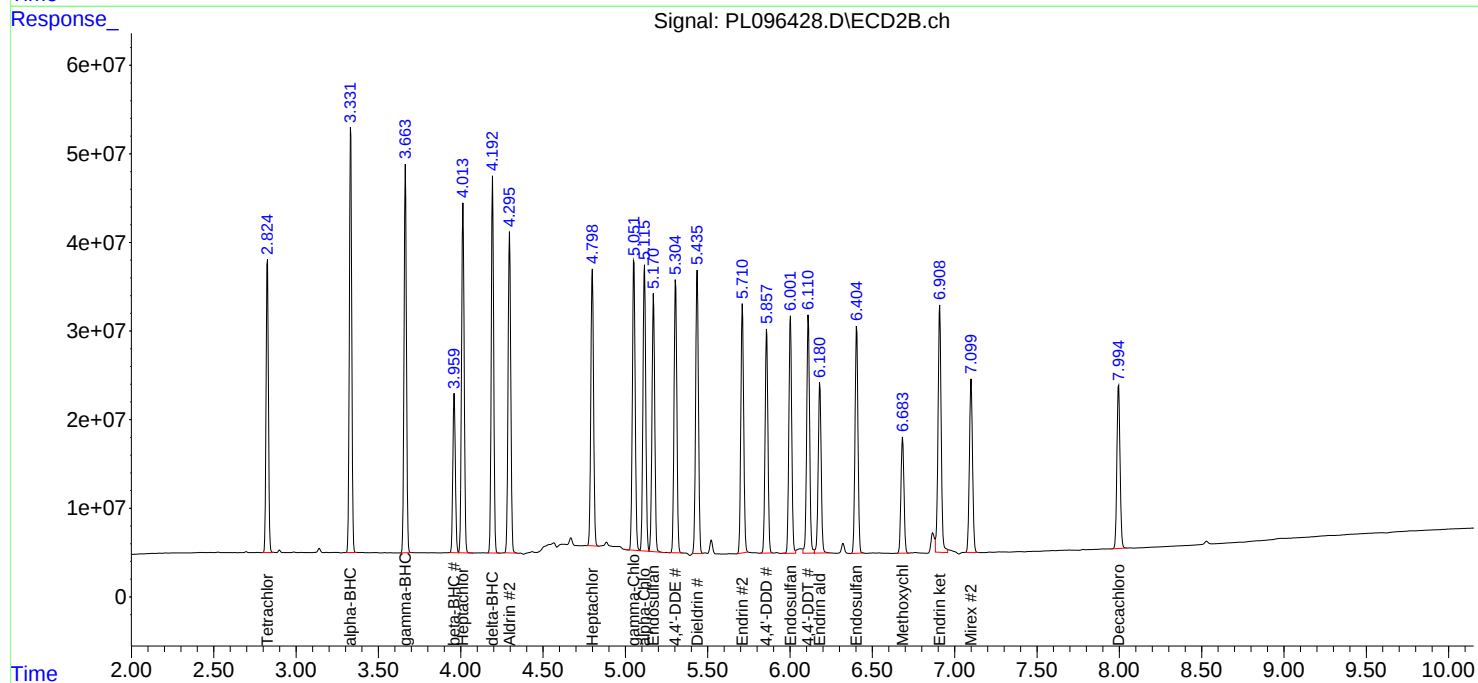
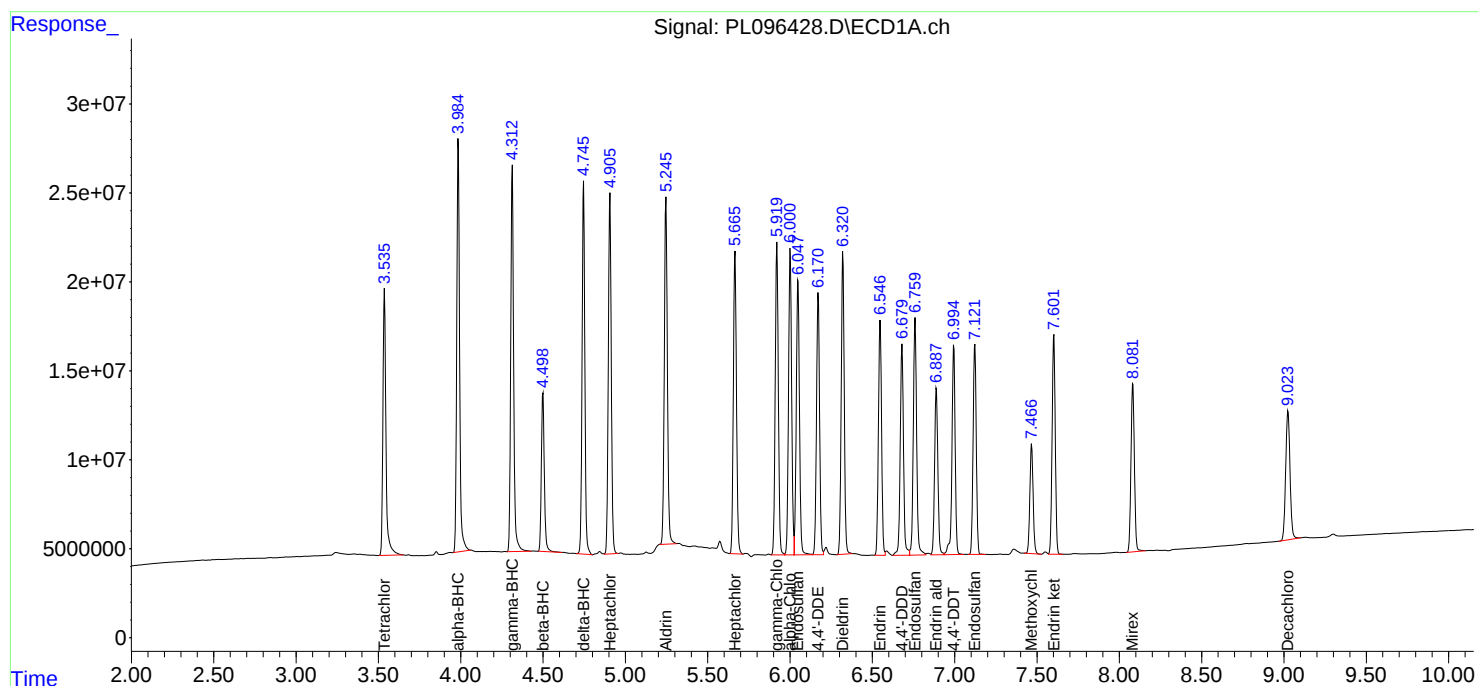
APPROVED

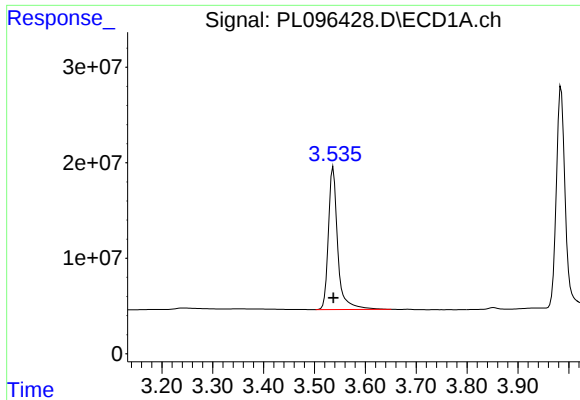
Reviewed By :Abdul Mirza 07/18/2025

Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 18:17:36 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





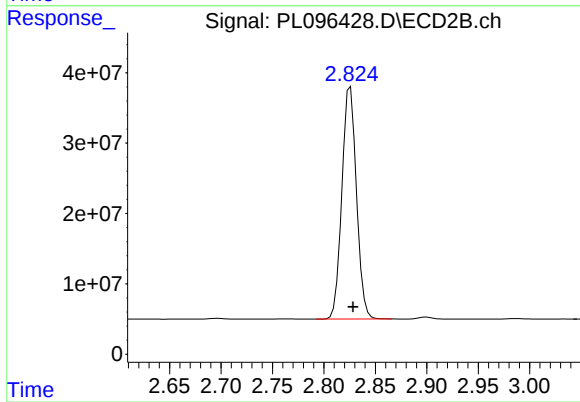
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 190509114
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

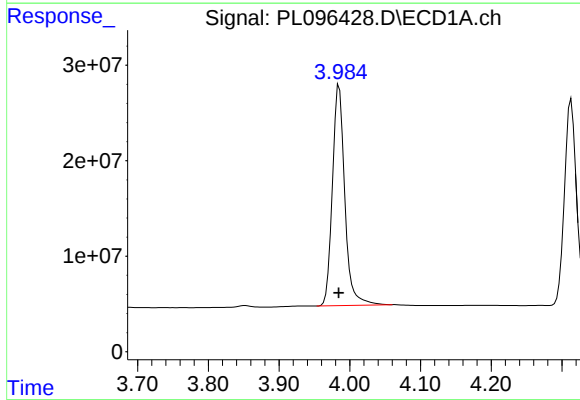
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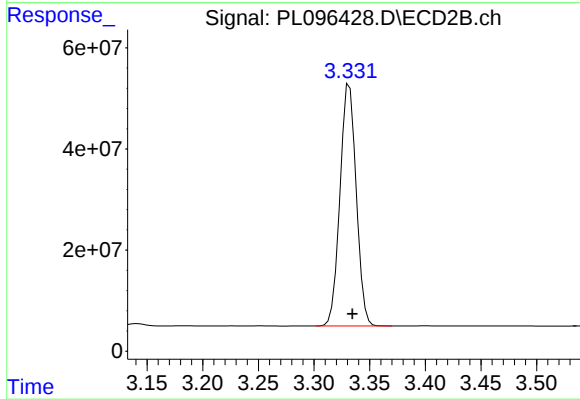
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.003 min
Response: 324577448
Conc: 56.24 ng/ml



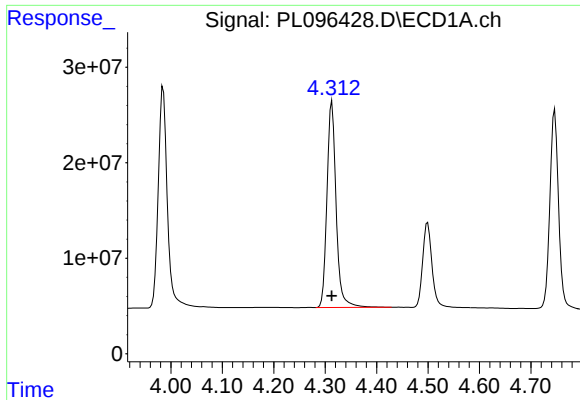
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 281697913
Conc: 54.77 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 485534312
Conc: 57.57 ng/ml



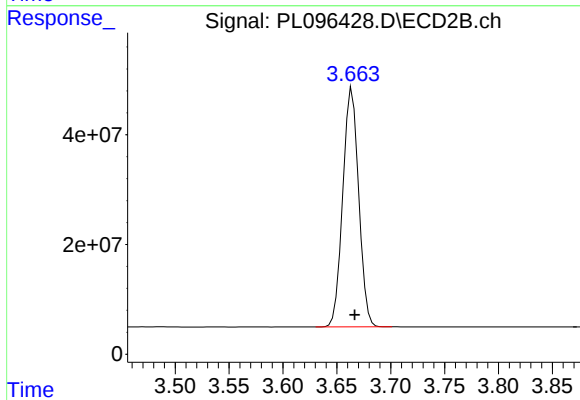
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 267815489
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

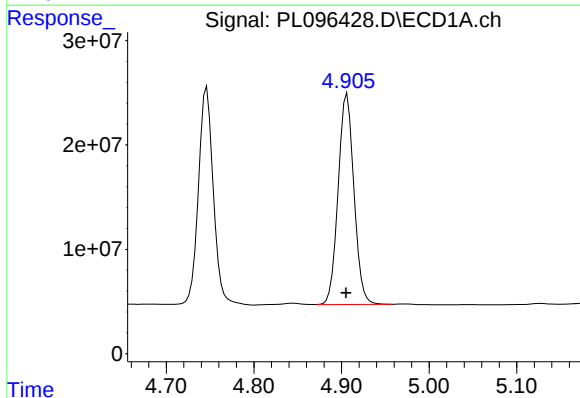
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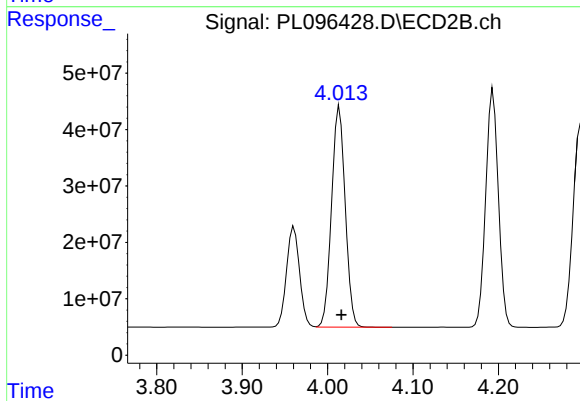
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 447966747
Conc: 56.88 ng/ml



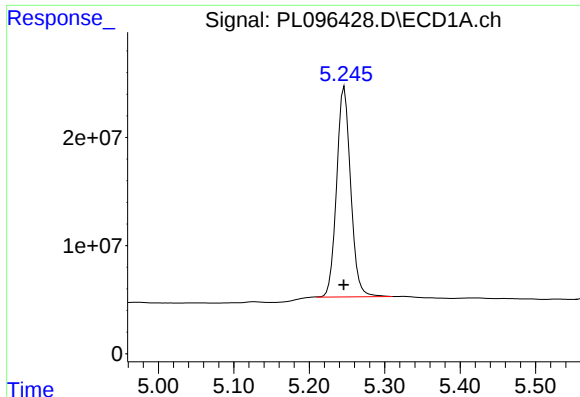
#4 Heptachlor

R.T.: 4.907 min
Delta R.T.: 0.001 min
Response: 253134788
Conc: 55.25 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 435991486
Conc: 57.31 ng/ml



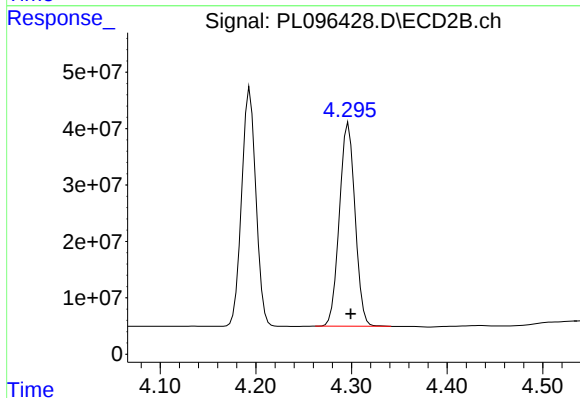
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 251602195
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

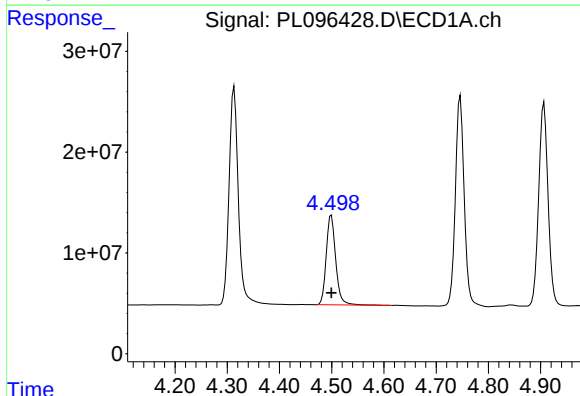
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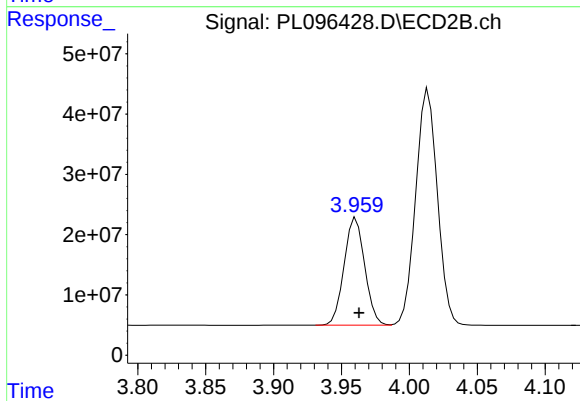
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 410878551
Conc: 56.32 ng/ml



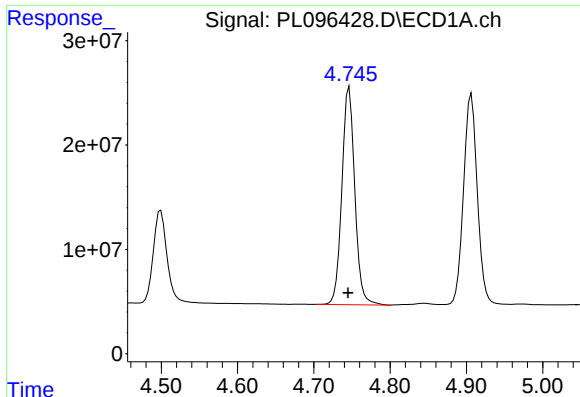
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 112206776
Conc: 53.98 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 188612003
Conc: 55.09 ng/ml



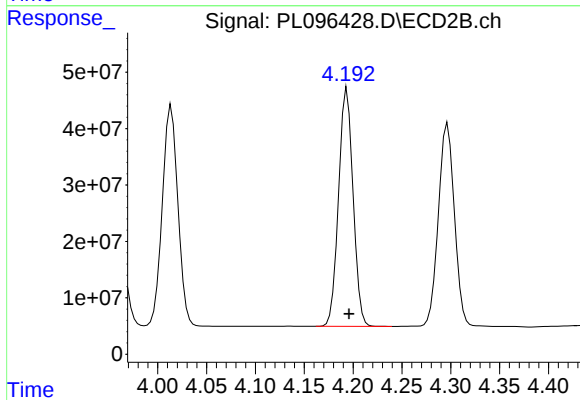
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.002 min
Response: 245328277
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

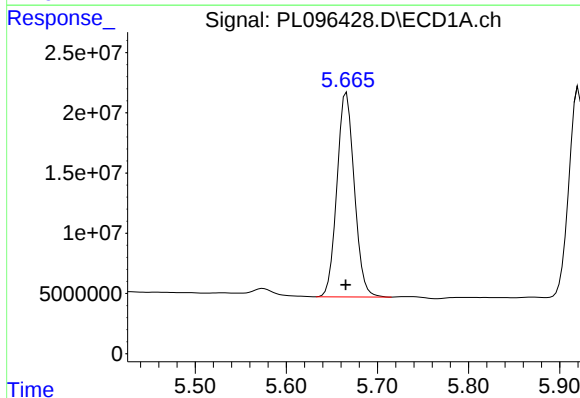
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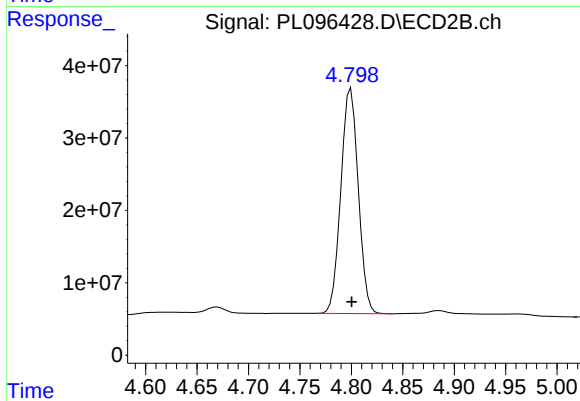
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 436272112
Conc: 56.64 ng/ml



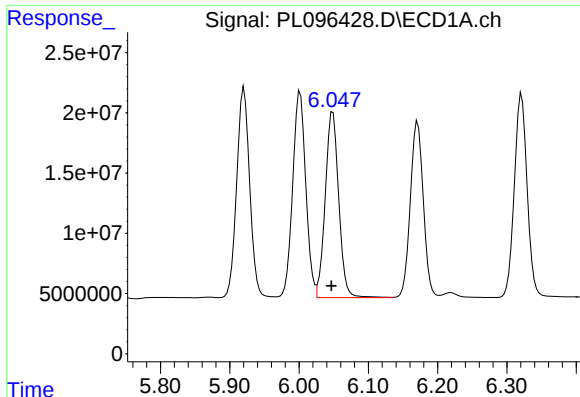
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 224442852
Conc: 54.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 366768177
Conc: 54.87 ng/ml



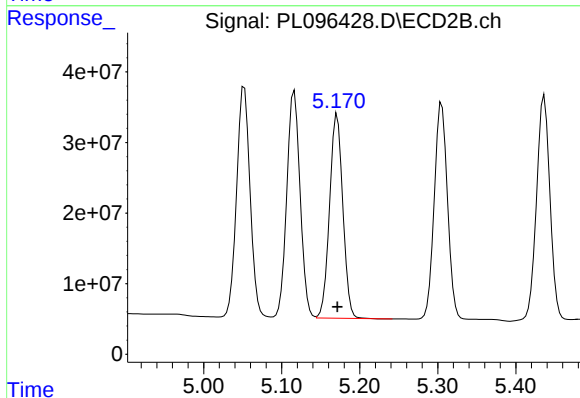
#9 Endosulfan I

R.T.: 6.049 min
Delta R.T.: 0.002 min
Response: 209024968
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

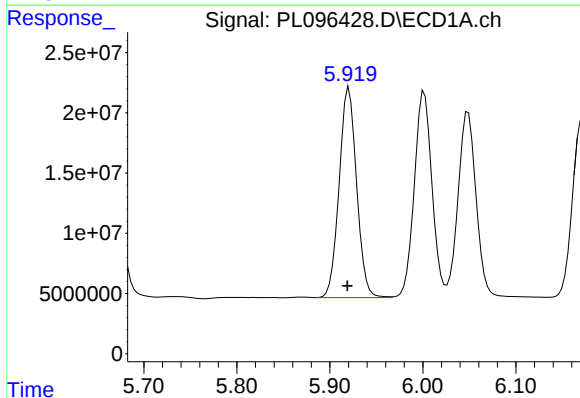
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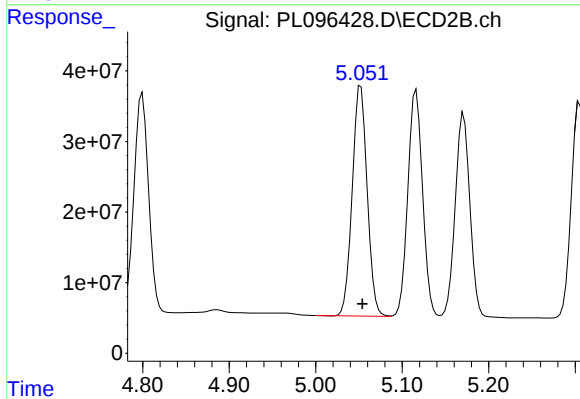
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 341576381
Conc: 47.61 ng/ml



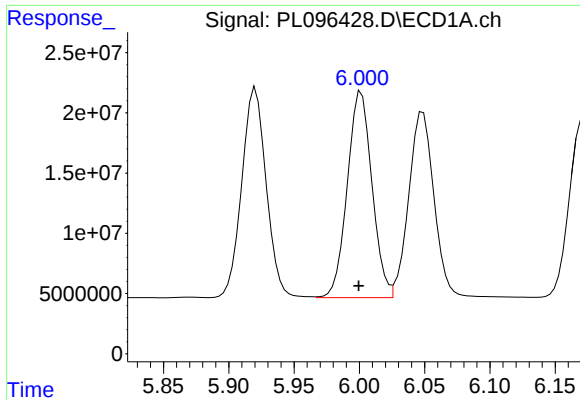
#10 gamma-Chlordane

R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 227510675
Conc: 51.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 390797240
Conc: 55.67 ng/ml



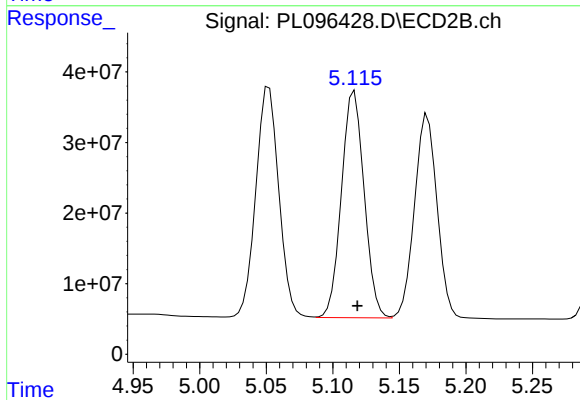
#11 alpha-Chlordane

R.T.: 6.002 min
Delta R.T.: 0.002 min
Response: 225527213
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

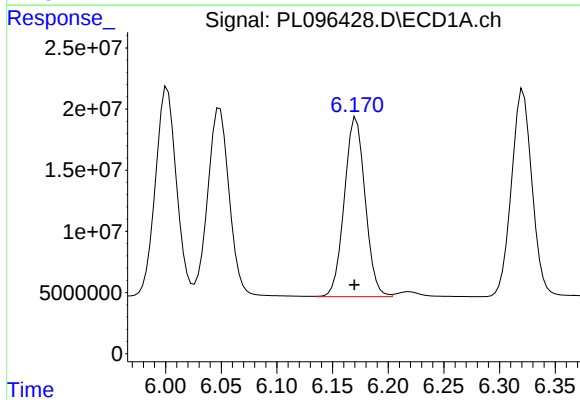
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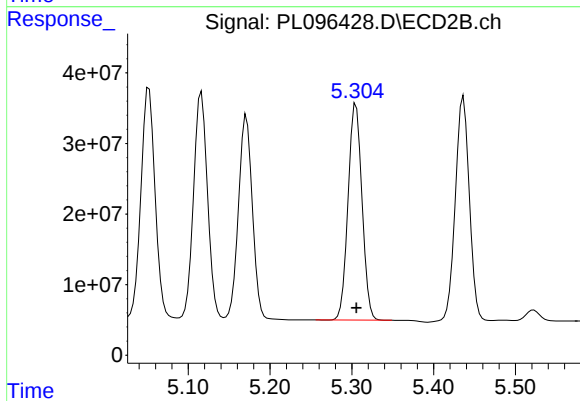
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 381263536
Conc: 50.70 ng/ml



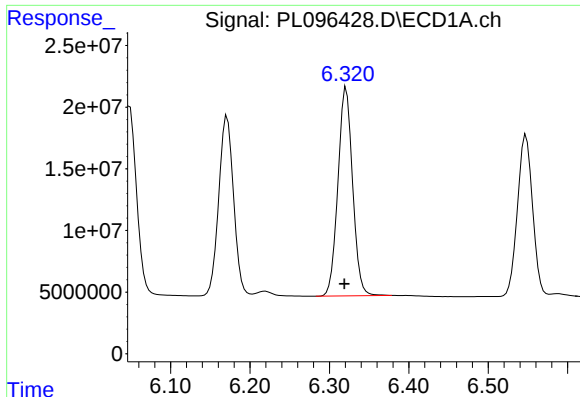
#12 4,4'-DDE

R.T.: 6.171 min
Delta R.T.: 0.002 min
Response: 190759825
Conc: 51.45 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 361259794
Conc: 55.89 ng/ml



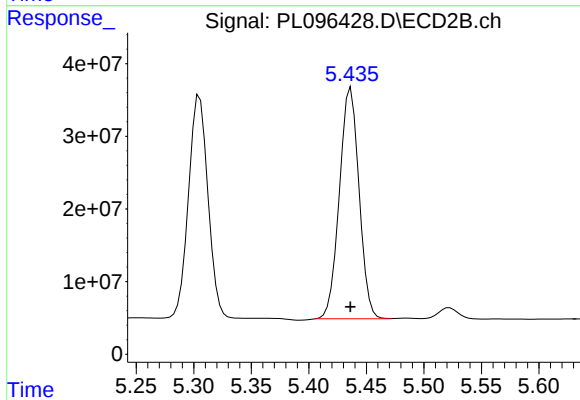
#13 Dieldrin

R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 217370509
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

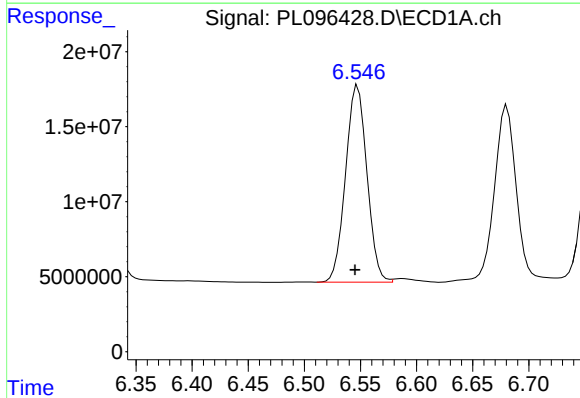
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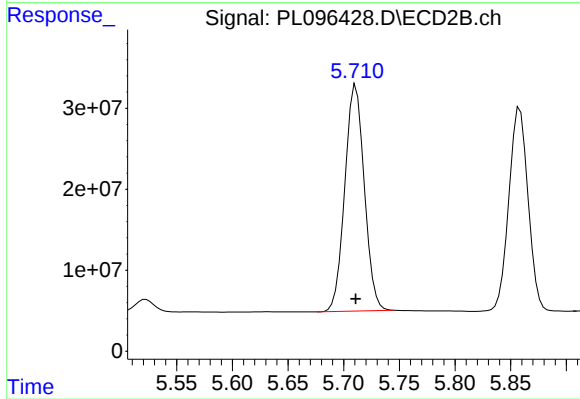
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 378291031
Conc: 55.47 ng/ml m



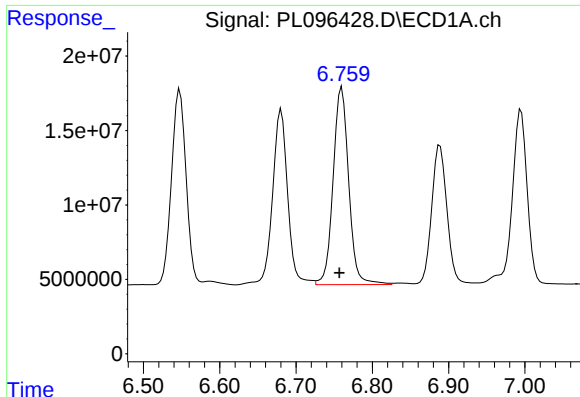
#14 Endrin

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 173974878
Conc: 55.94 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 340661009
Conc: 55.88 ng/ml



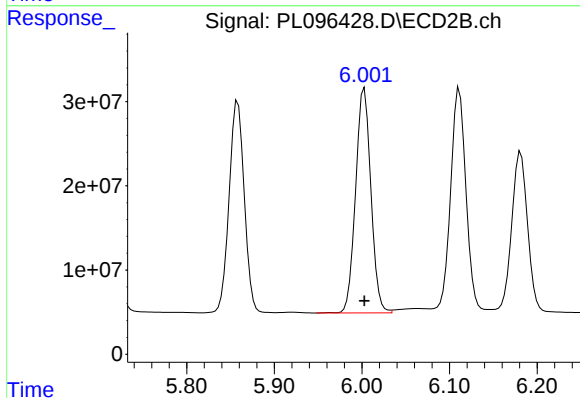
#15 Endosulfan II

R.T.: 6.760 min
Delta R.T.: 0.003 min
Response: 187759198
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

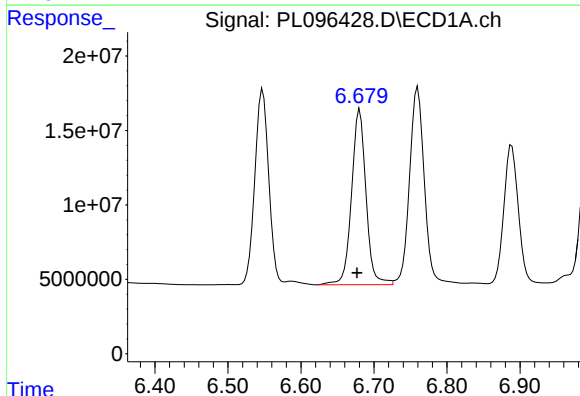
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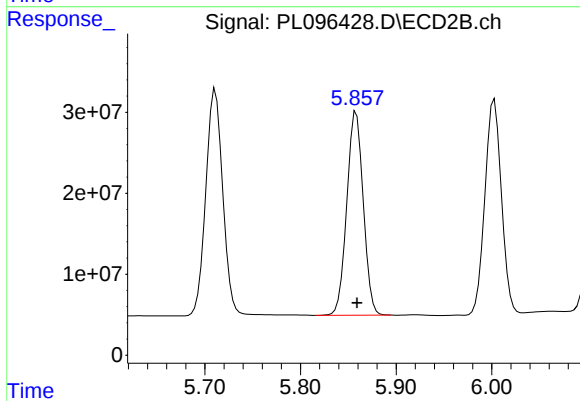
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 323802697
Conc: 55.22 ng/ml



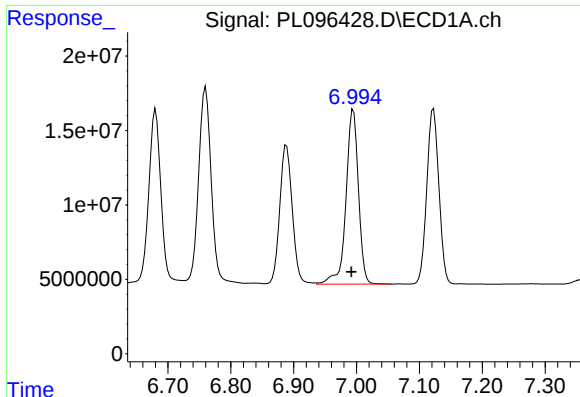
#16 4,4'-DDD

R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 162228221
Conc: 55.72 ng/ml



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 301988433
Conc: 58.88 ng/ml



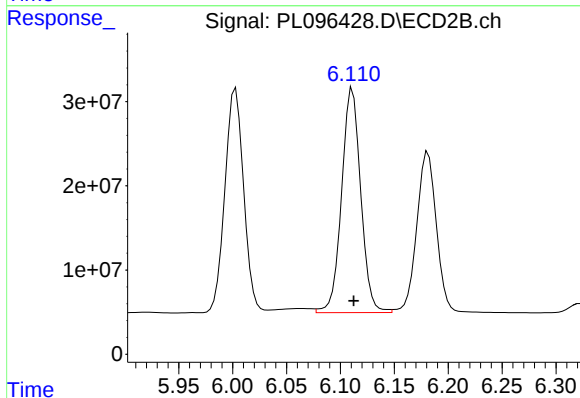
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 161281307
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

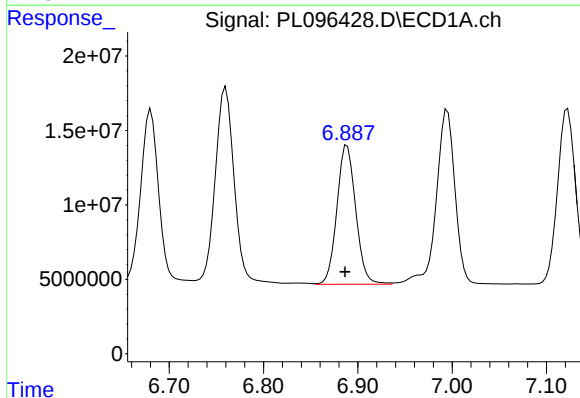
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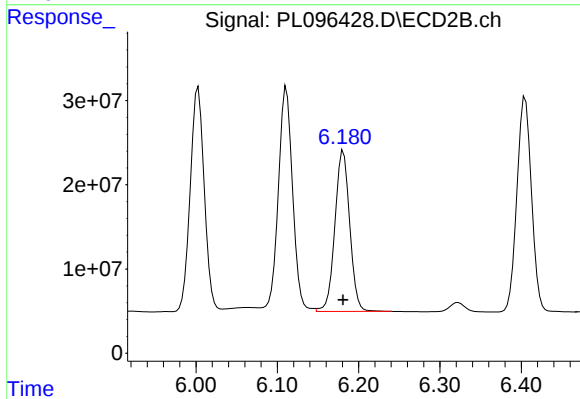
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 330327722
Conc: 57.60 ng/ml



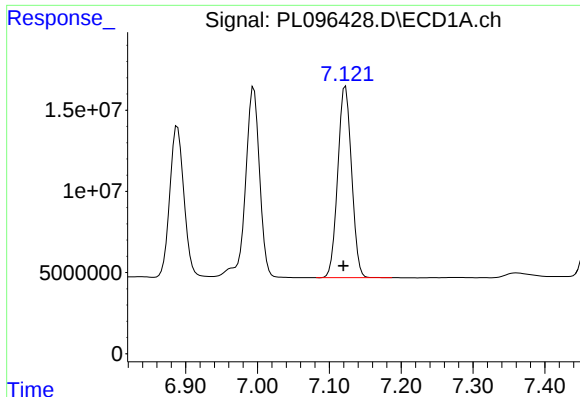
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 129729967
Conc: 58.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 242653821
Conc: 54.47 ng/ml



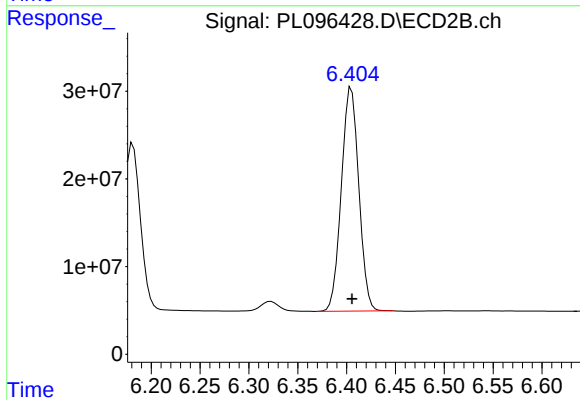
#19 Endosulfan Sulfate

R.T.: 7.123 min
Delta R.T.: 0.003 min
Response: 157359053
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

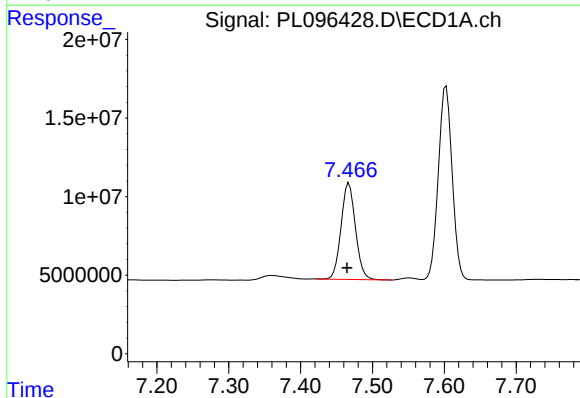
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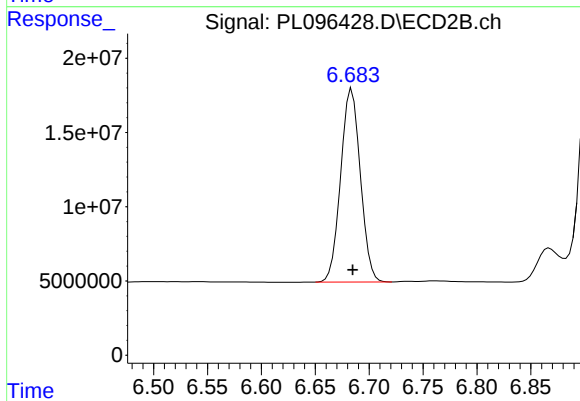
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 317346894
Conc: 56.42 ng/ml



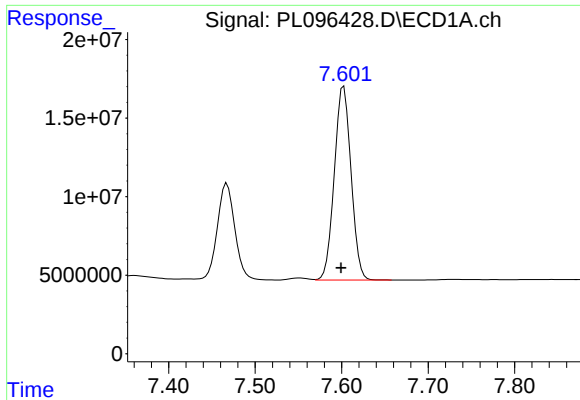
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 85180157
Conc: 54.07 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 165588110
Conc: 54.51 ng/ml



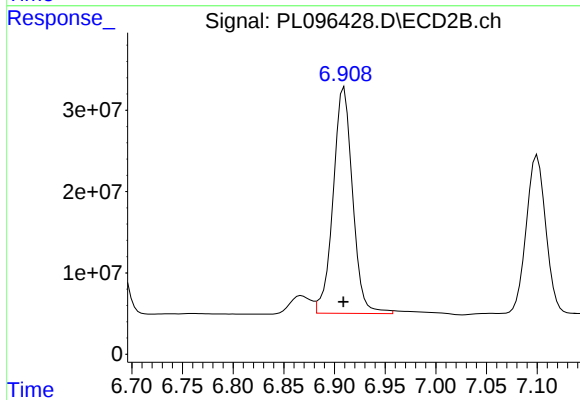
#21 Endrin ketone

R.T.: 7.603 min
Delta R.T.: 0.003 min
Response: 164795887
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

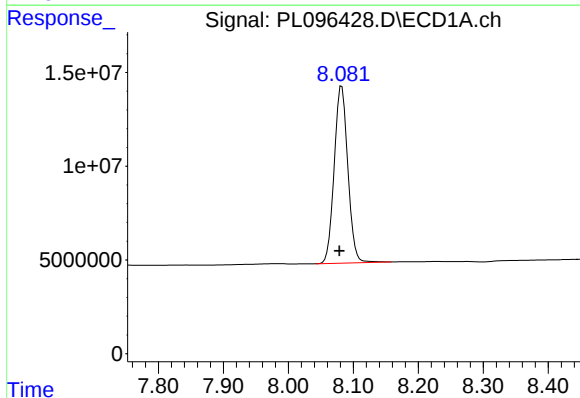
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



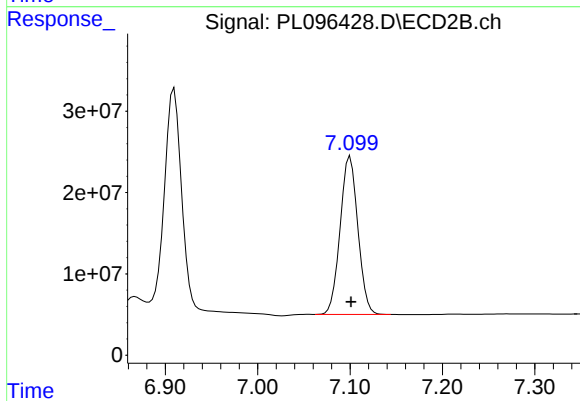
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 370706605
Conc: 59.29 ng/ml m



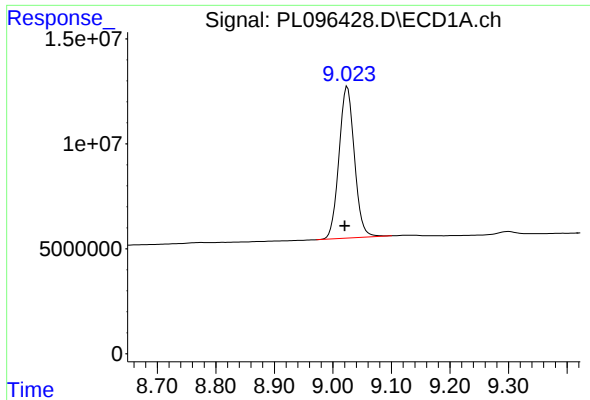
#22 Mirex

R.T.: 8.082 min
Delta R.T.: 0.003 min
Response: 137370885
Conc: 49.37 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 259491381
Conc: 52.23 ng/ml



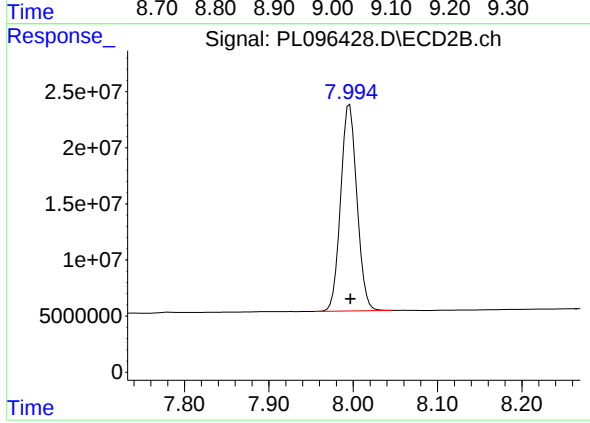
#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.005 min
Response: 132259443
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 246837995
Conc: 49.50 ng/ml