

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
 Data File : PL096502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 21:12
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:50:47 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	2.829	195.9E6	316.4E6	53.690	54.832
28)	SA Decachlor...	9.020	7.994	132.7E6	229.7E6	47.189	46.068
Target Compounds							
2)	A alpha-BHC	3.984	3.334	281.6E6	474.7E6	54.747	56.285
3)	MA gamma-BHC...	4.313	3.667	268.1E6	433.8E6	53.829	55.074
4)	MA Heptachlor	4.905	4.016	228.3E6	381.2E6	49.828	50.104
5)	MB Aldrin	5.245	4.298	252.9E6	402.0E6	52.329	55.108
6)	B beta-BHC	4.499	3.962	114.6E6	182.8E6	55.129	53.403
7)	B delta-BHC	4.745	4.196	252.5E6	420.9E6	56.337	54.645
8)	B Heptachlo...	5.663	4.800	225.8E6	356.0E6	54.428m	53.253
9)	A Endosulfan I	6.045	5.172	206.3E6	324.5E6	51.111m	45.231
10)	B gamma-Chl...	5.917	5.053	228.6E6	380.2E6	51.652m	54.155
11)	B alpha-Chl...	5.998	5.116	225.1E6	372.3E6	51.395m	49.509
12)	B 4,4'-DDE	6.169	5.305	190.1E6	339.6E6	51.270	52.533
13)	MA Dieldrin	6.319	5.435	214.7E6	373.5E6	50.784	54.777m
14)	MA Endrin	6.545	5.711	164.3E6	329.9E6	52.829	54.113
15)	B Endosulfa...	6.757	6.003	176.5E6	305.5E6	50.856m	52.093
16)	A 4,4'-DDD	6.676	5.858	162.4E6	304.3E6	55.761m	59.338
17)	MA 4,4'-DDT	6.991	6.111	124.7E6	230.9E6	41.086m	40.259
18)	B Endrin al...	6.885	6.181	121.4E6	217.4E6	54.294m	48.796
19)	B Endosulfa...	7.120	6.404	153.1E6	292.9E6	50.058	52.084
20)	A Methoxychlor	7.464	6.683	64782686	123.3E6	41.121	40.577
21)	B Endrin ke...	7.600	6.908	165.1E6	322.4E6	49.993	51.559
22)	Mirex	8.079	7.099	133.2E6	237.1E6	47.864	47.726

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
Data File : PL096502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 21:12
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

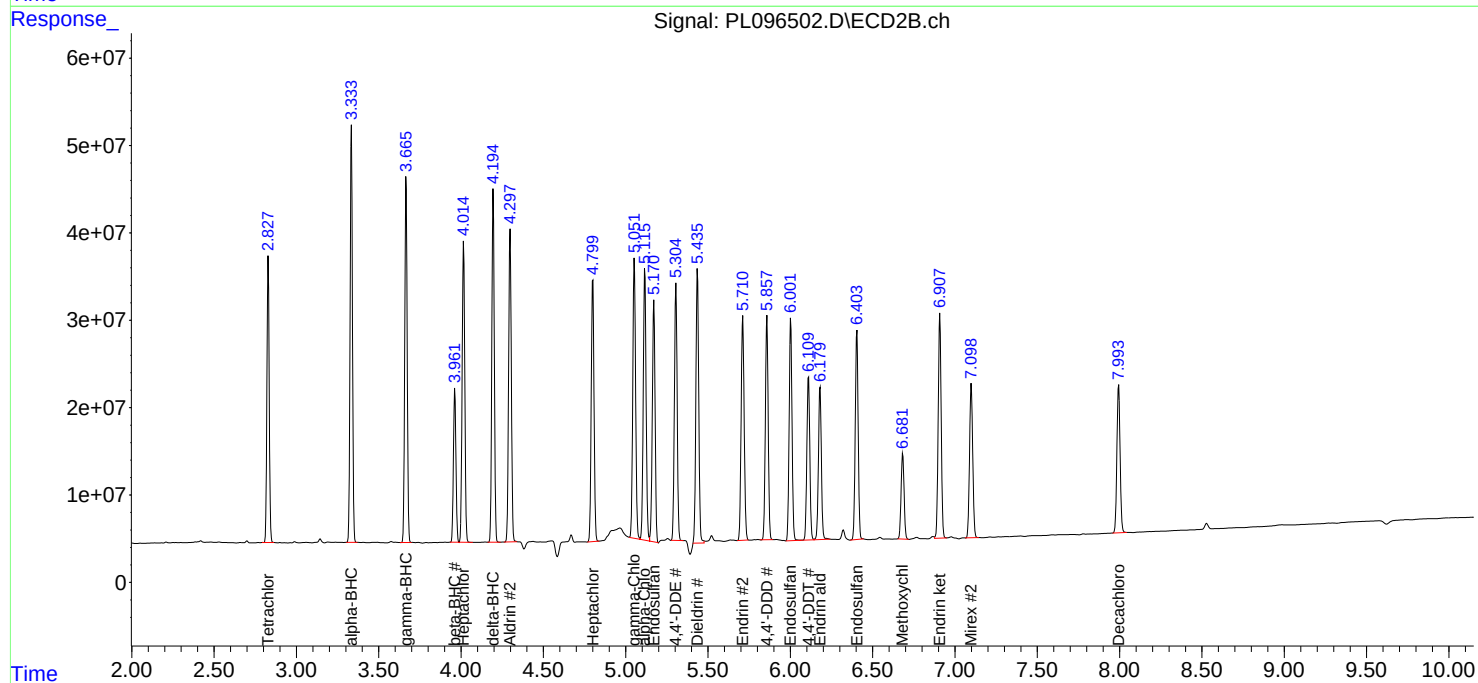
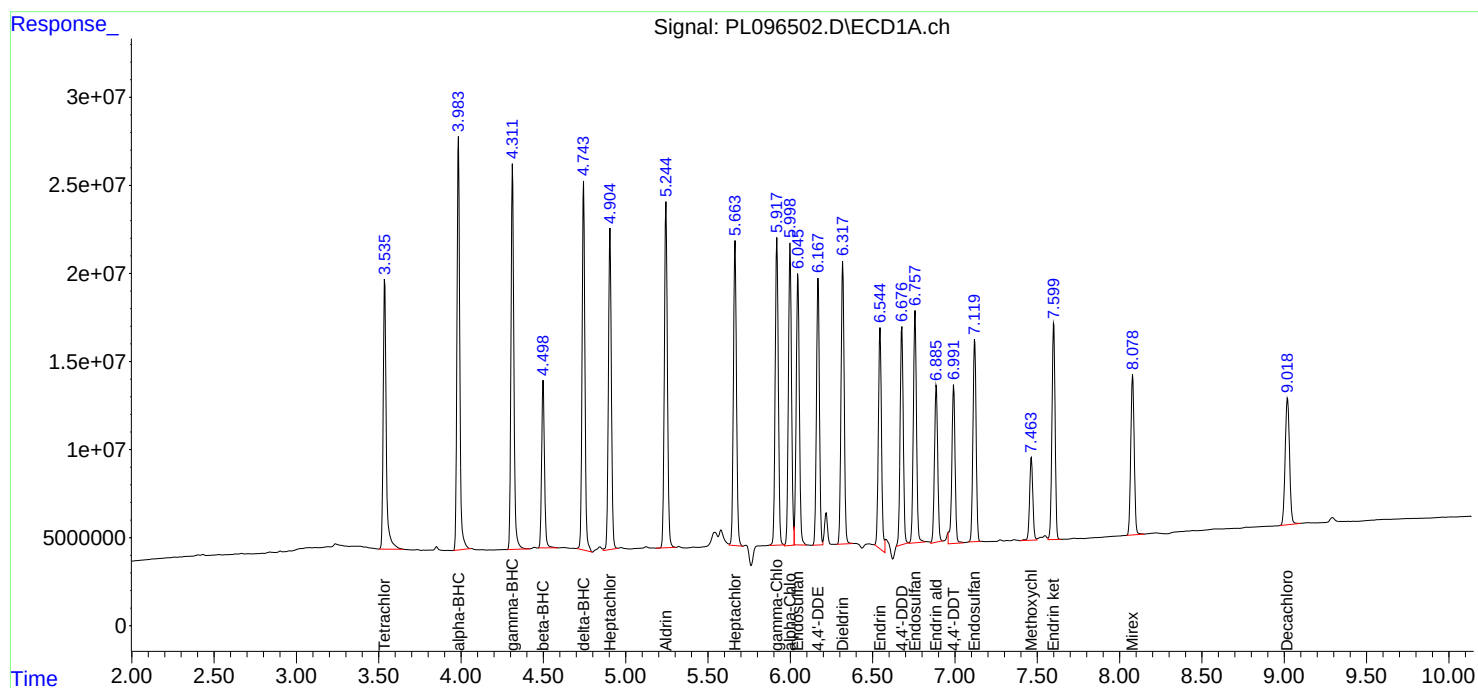
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

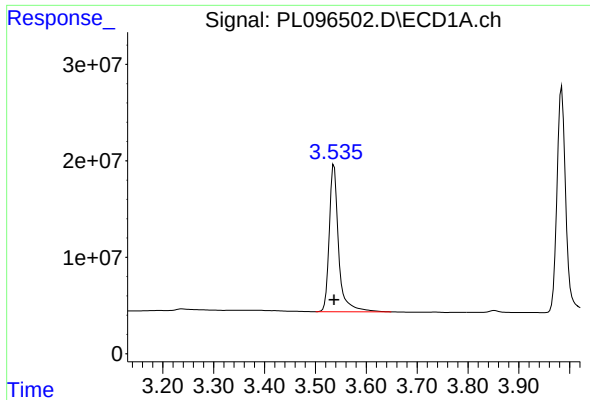
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:47 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





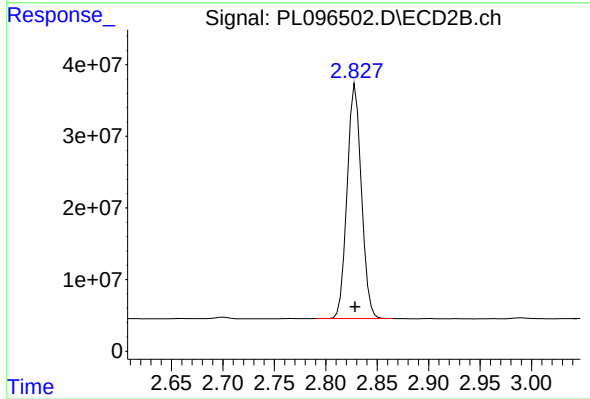
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 195912916
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

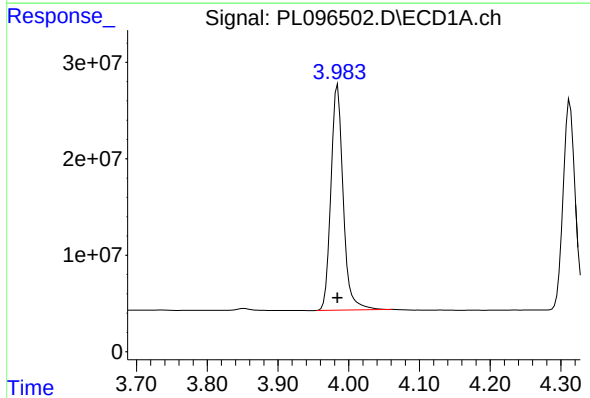
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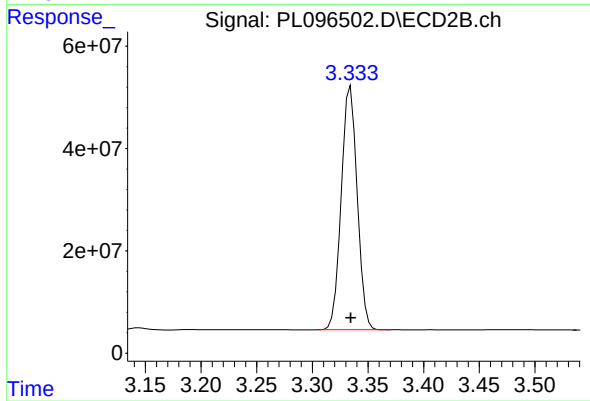
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 316446379
Conc: 54.83 ng/ml



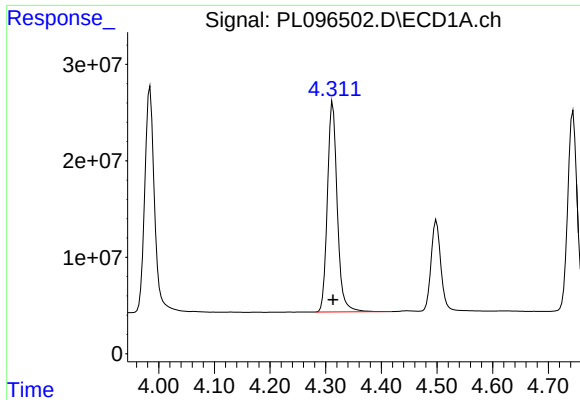
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 281573036
Conc: 54.75 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 474730195
Conc: 56.29 ng/ml



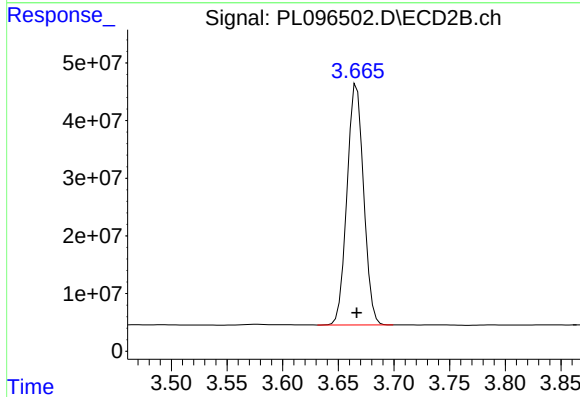
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 268050049
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

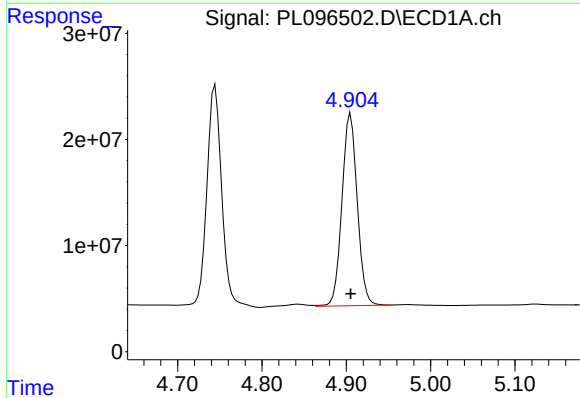
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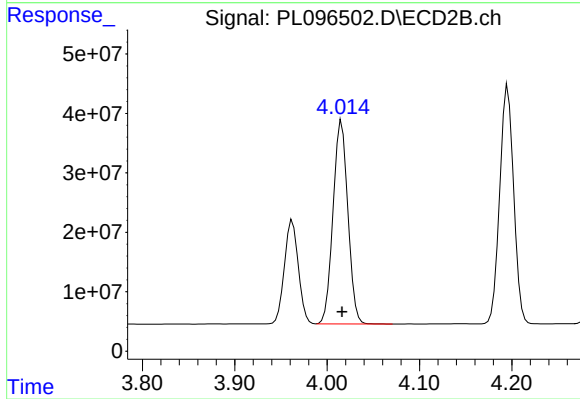
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 433754148
Conc: 55.07 ng/ml



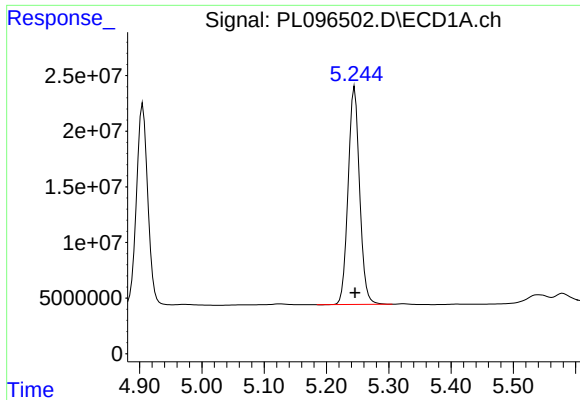
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 228275049
Conc: 49.83 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 381178956
Conc: 50.10 ng/ml



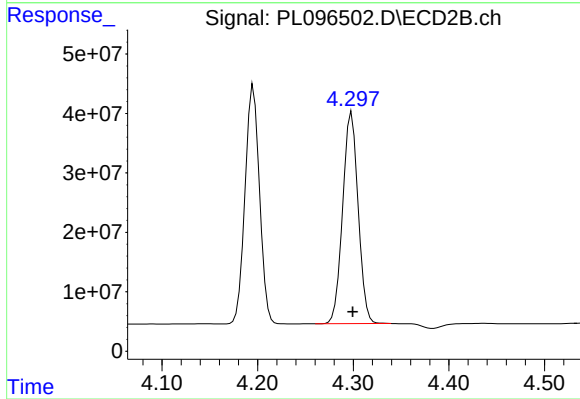
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 252945058
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

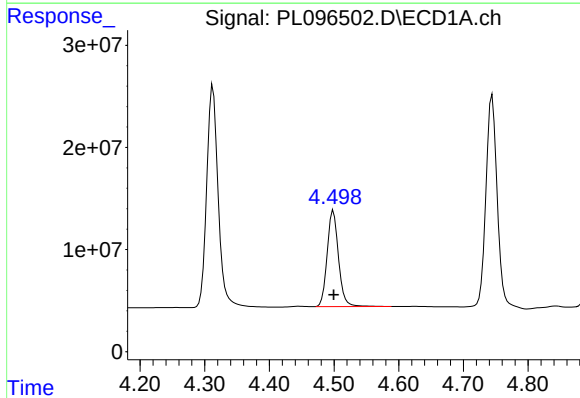
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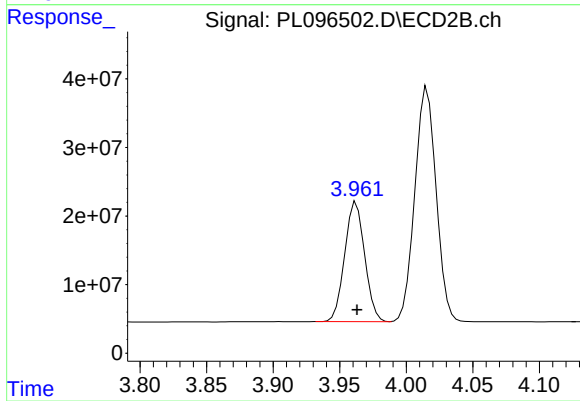
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: 0.000 min
Response: 402045170
Conc: 55.11 ng/ml



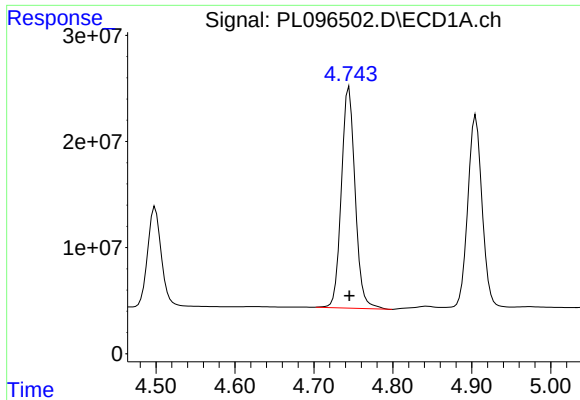
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 114602316
Conc: 55.13 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 182848458
Conc: 53.40 ng/ml



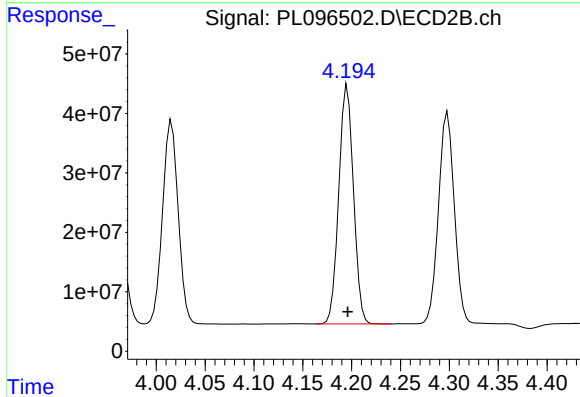
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 252462406
Conc: 56.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

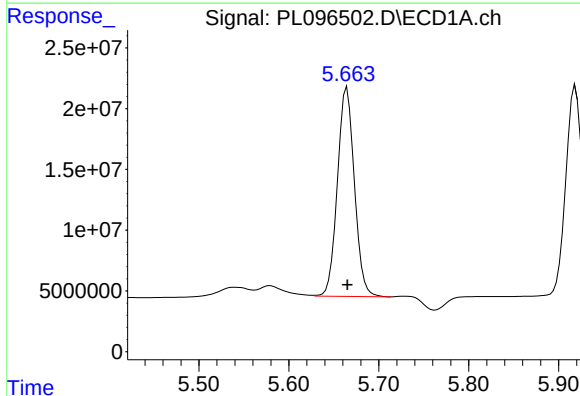
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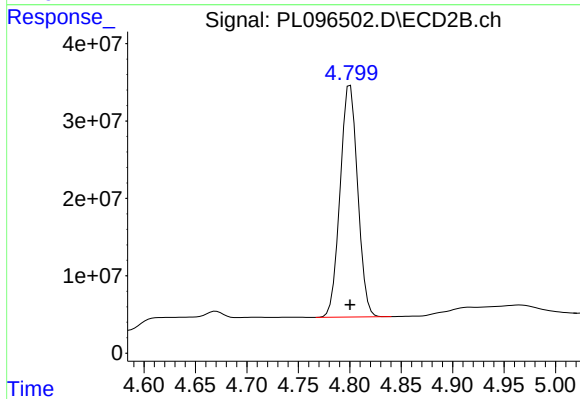
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 420868220
Conc: 54.64 ng/ml



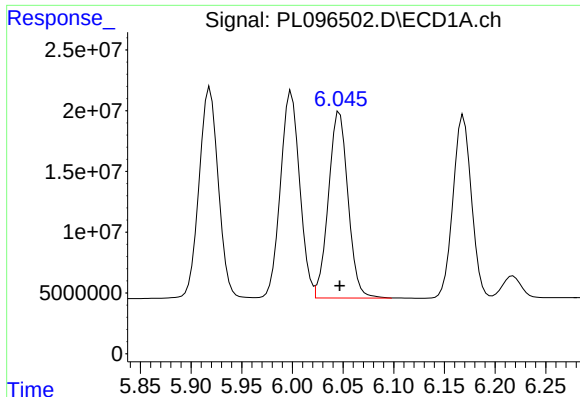
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 225829942
Conc: 54.43 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 355987651
Conc: 53.25 ng/ml



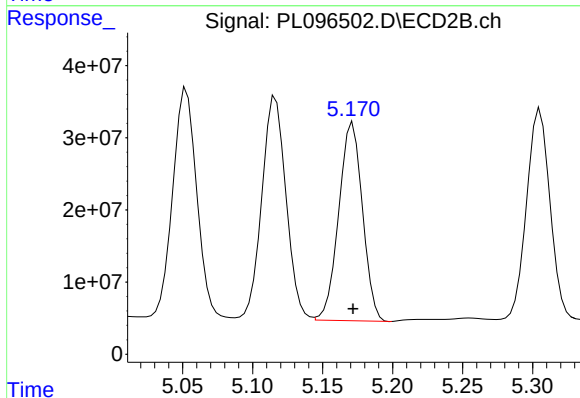
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 206347461
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

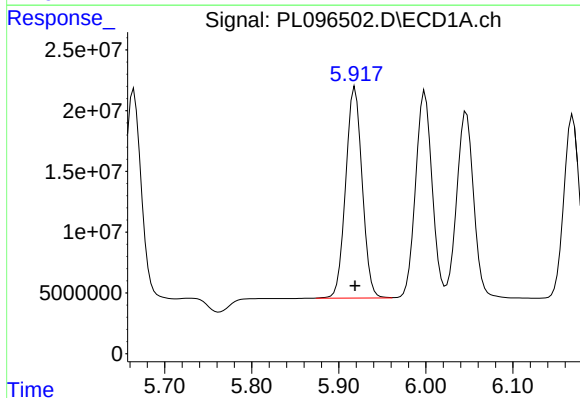
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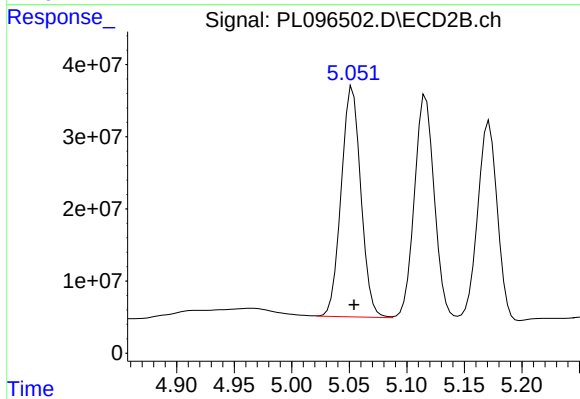
#9 Endosulfan I

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 324492681
Conc: 45.23 ng/ml



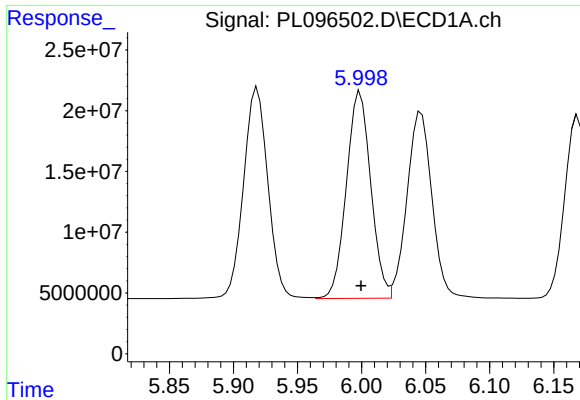
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 228551323
Conc: 51.65 ng/ml m



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 380150709
Conc: 54.15 ng/ml



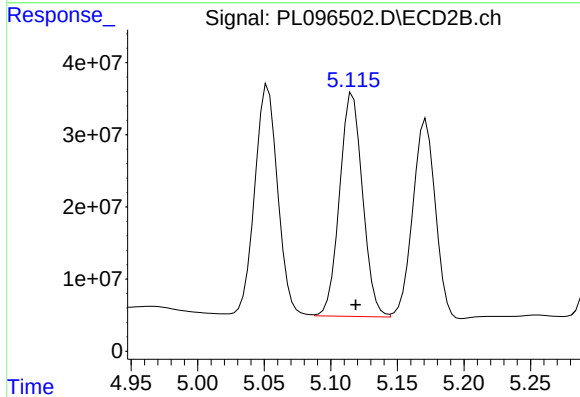
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 225050181
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

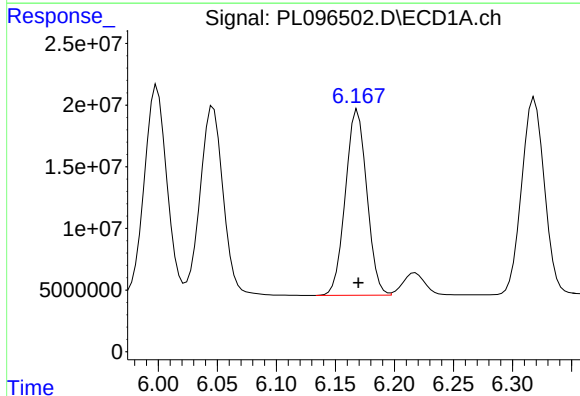
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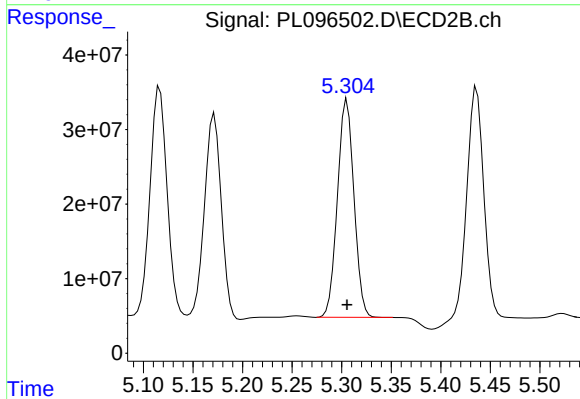
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 372321092
Conc: 49.51 ng/ml



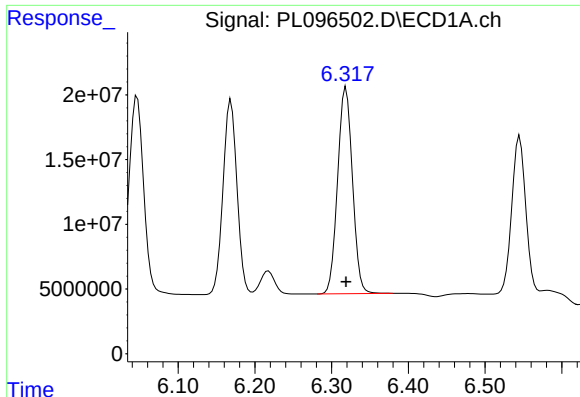
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 190080473
Conc: 51.27 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 339559534
Conc: 52.53 ng/ml



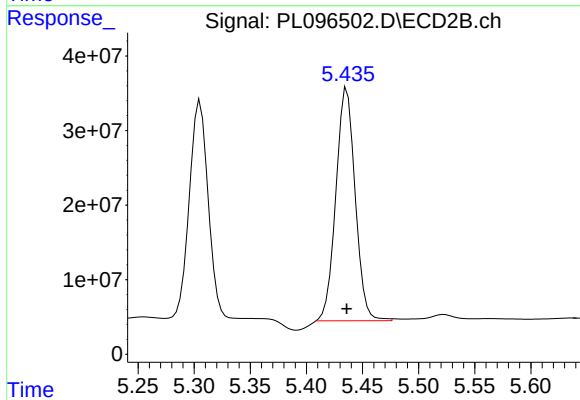
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 214735022
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

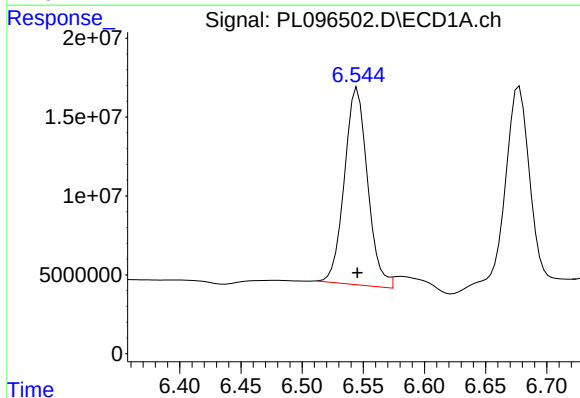
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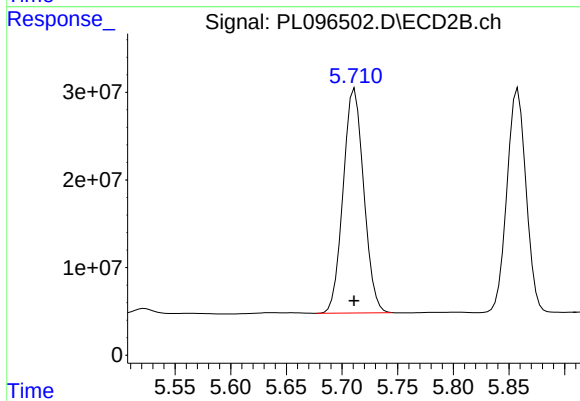
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 373538747
Conc: 54.78 ng/ml m



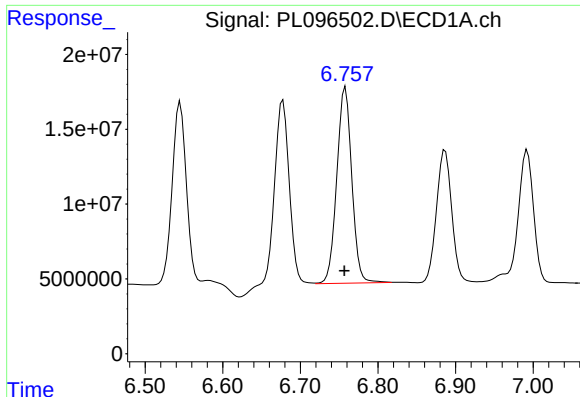
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 164310299
Conc: 52.83 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 329898938
Conc: 54.11 ng/ml



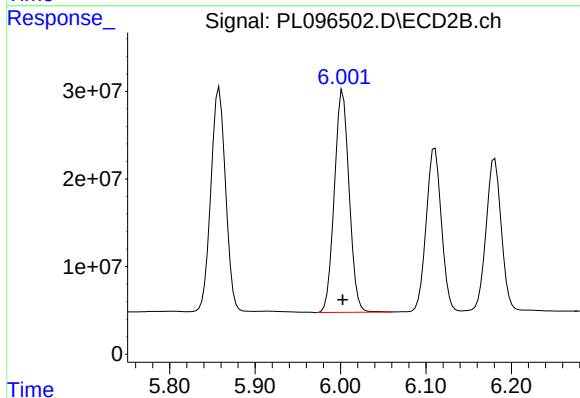
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 176473171
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

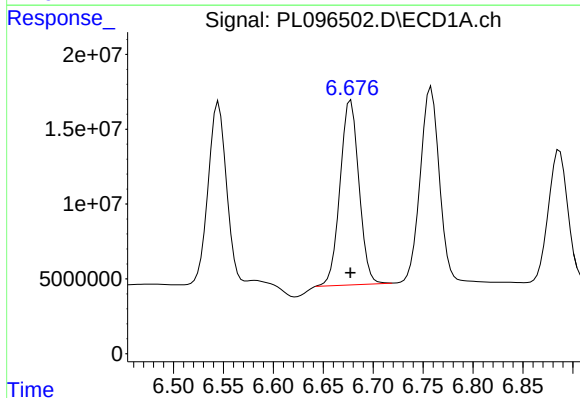
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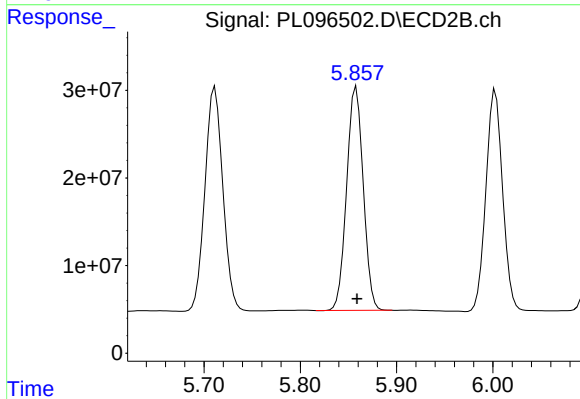
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 305465155
Conc: 52.09 ng/ml



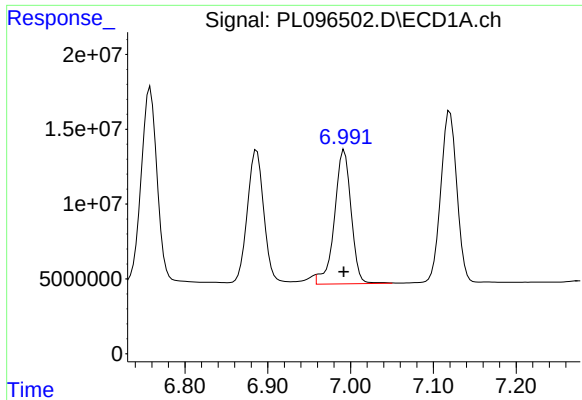
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 162360170
Conc: 55.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 304324117
Conc: 59.34 ng/ml



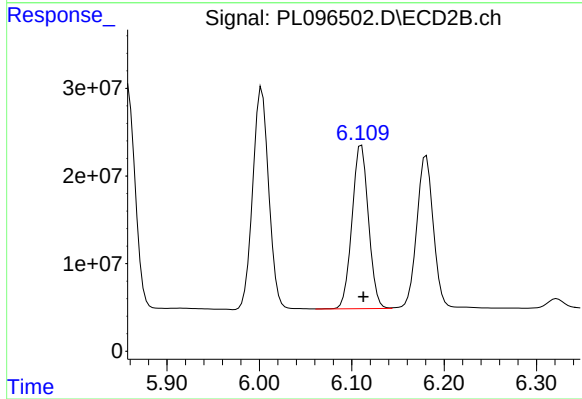
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 124704247
Conc: 41.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

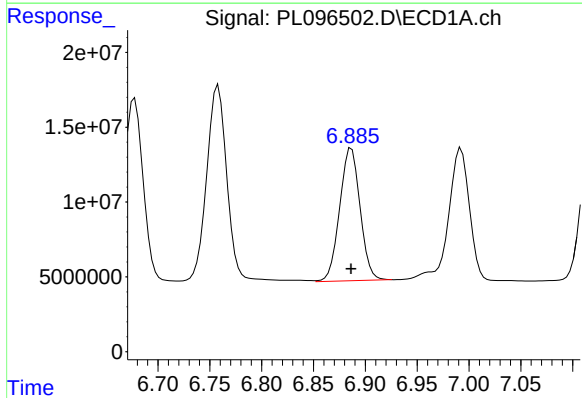
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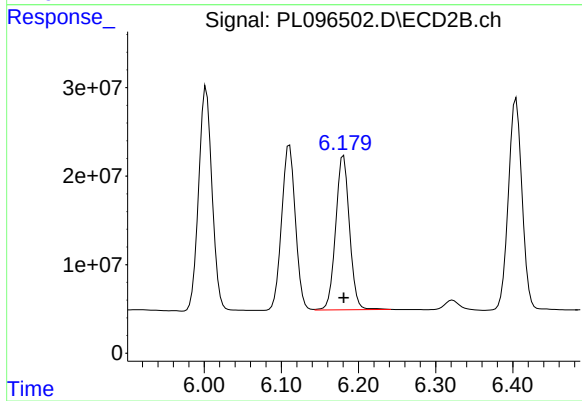
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 230888836
Conc: 40.26 ng/ml



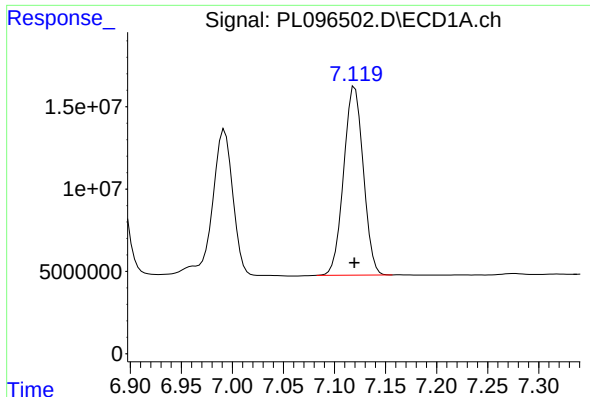
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 121376421
Conc: 54.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 217366598
Conc: 48.80 ng/ml



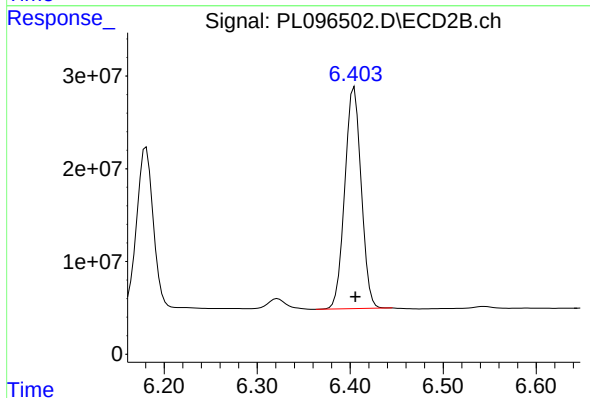
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 153119339
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

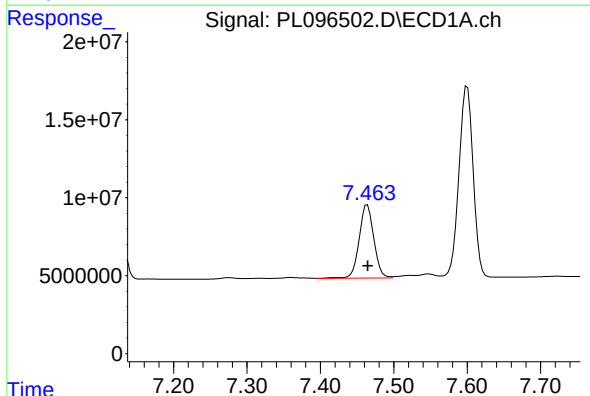
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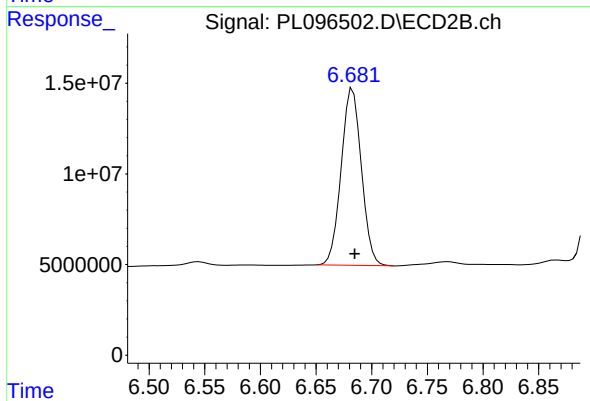
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.001 min
Response: 292942139
Conc: 52.08 ng/ml



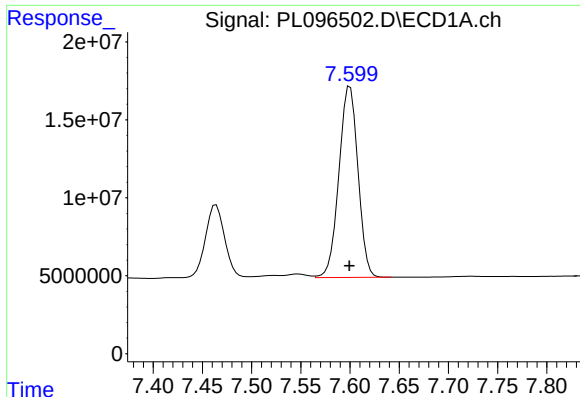
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 64782686
Conc: 41.12 ng/ml



#20 Methoxychlor

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 123265008
Conc: 40.58 ng/ml



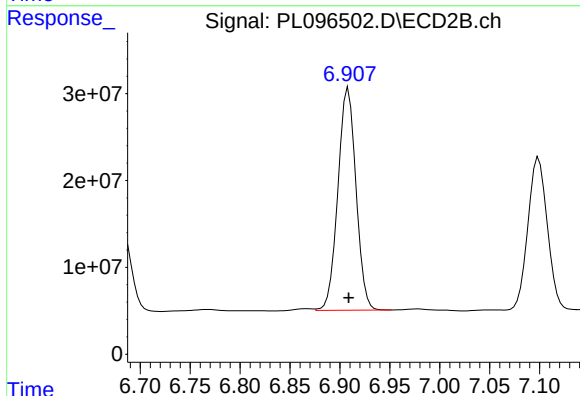
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 165059591
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

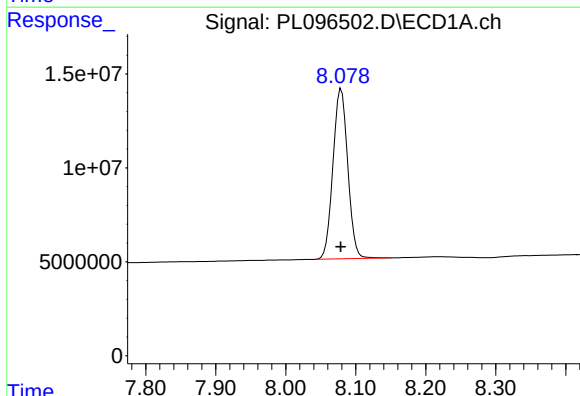
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Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



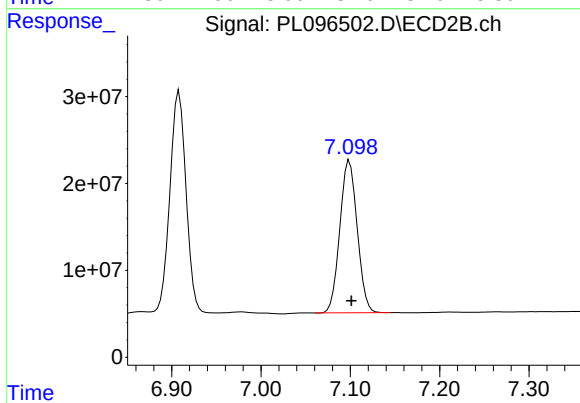
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 322358804
Conc: 51.56 ng/ml



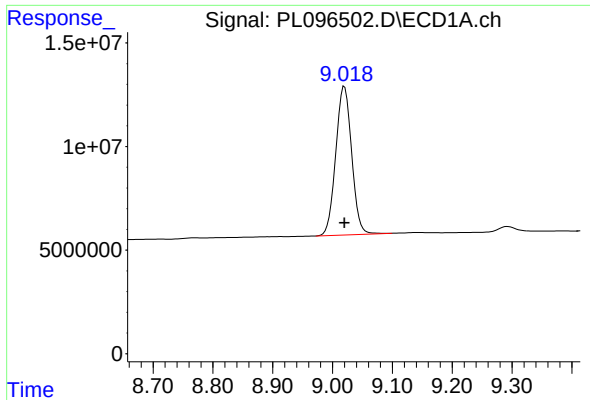
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 133168117
Conc: 47.86 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 237109539
Conc: 47.73 ng/ml



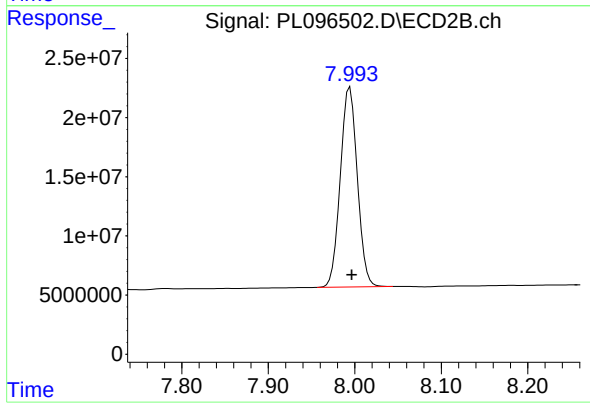
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 132746650
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 229720100
Conc: 46.07 ng/ml