

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
 Data File : PL097364.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 12:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/24/2025
 Supervised By : mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:26:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.526	2.820	240.4E6	344.9E6	53.103	52.451
28)	SA Decachlor...	9.004	7.983	171.3E6	275.8E6	52.353	48.452
Target Compounds							
2)	A alpha-BHC	3.973	3.325	378.2E6	528.3E6	54.130	53.056
3)	MA gamma-BHC...	4.301	3.657	353.3E6	489.2E6	53.419	52.520
4)	MA Heptachlor	4.892	4.005	338.7E6	463.7E6	50.774	49.832
5)	MB Aldrin	5.232	4.288	330.7E6	449.2E6	52.206	51.754
6)	B beta-BHC	4.489	3.952	143.9E6	206.1E6	52.768	50.746m
7)	B delta-BHC	4.733	4.185	339.8E6	476.3E6	55.993m	51.817m
8)	B Heptachlo...	5.652	4.790	296.4E6	411.7E6	51.577	51.904
9)	A Endosulfan I	6.034	5.161	272.5E6	376.0E6	52.595	48.932
10)	B gamma-Chl...	5.906	5.042	298.6E6	431.1E6	52.816	49.364
11)	B alpha-Chl...	5.986	5.106	296.6E6	421.0E6	52.217	50.714
12)	B 4,4'-DDE	6.157	5.294	259.9E6	396.2E6	54.543	51.557
13)	MA Dieldrin	6.306	5.425	290.1E6	425.8E6	52.921	52.079
14)	MA Endrin	6.533	5.700	229.6E6	355.4E6	49.764	47.322
15)	B Endosulfa...	6.747	5.992	240.8E6	364.6E6	48.958	51.282
16)	A 4,4'-DDD	6.666	5.848	224.3E6	345.5E6	59.478	53.572
17)	MA 4,4'-DDT	6.981	6.100	199.3E6	318.0E6	47.139	45.954
18)	B Endrin al...	6.875	6.171	162.8E6	255.1E6	52.807	47.798
19)	B Endosulfa...	7.109	6.394	215.0E6	343.7E6	52.665	50.175
20)	A Methoxychlor	7.454	6.673	95109290	164.5E6	45.608	43.639
21)	B Endrin ke...	7.589	6.899	233.9E6	396.5E6	55.108	52.654
22)	Mirex	8.067	7.088	174.8E6	295.6E6	49.227	49.442

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092325\
Data File : PL097364.D
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Acq On : 23 Sep 2025 12:52
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

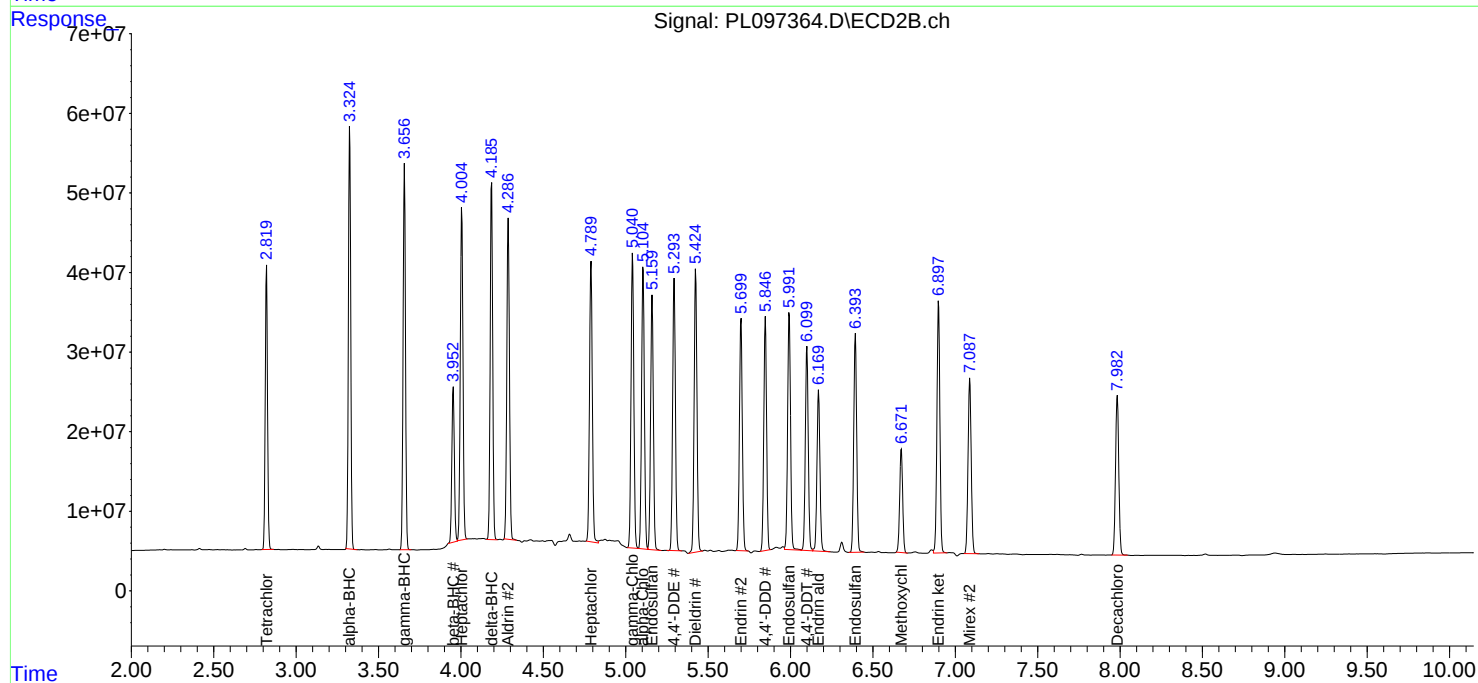
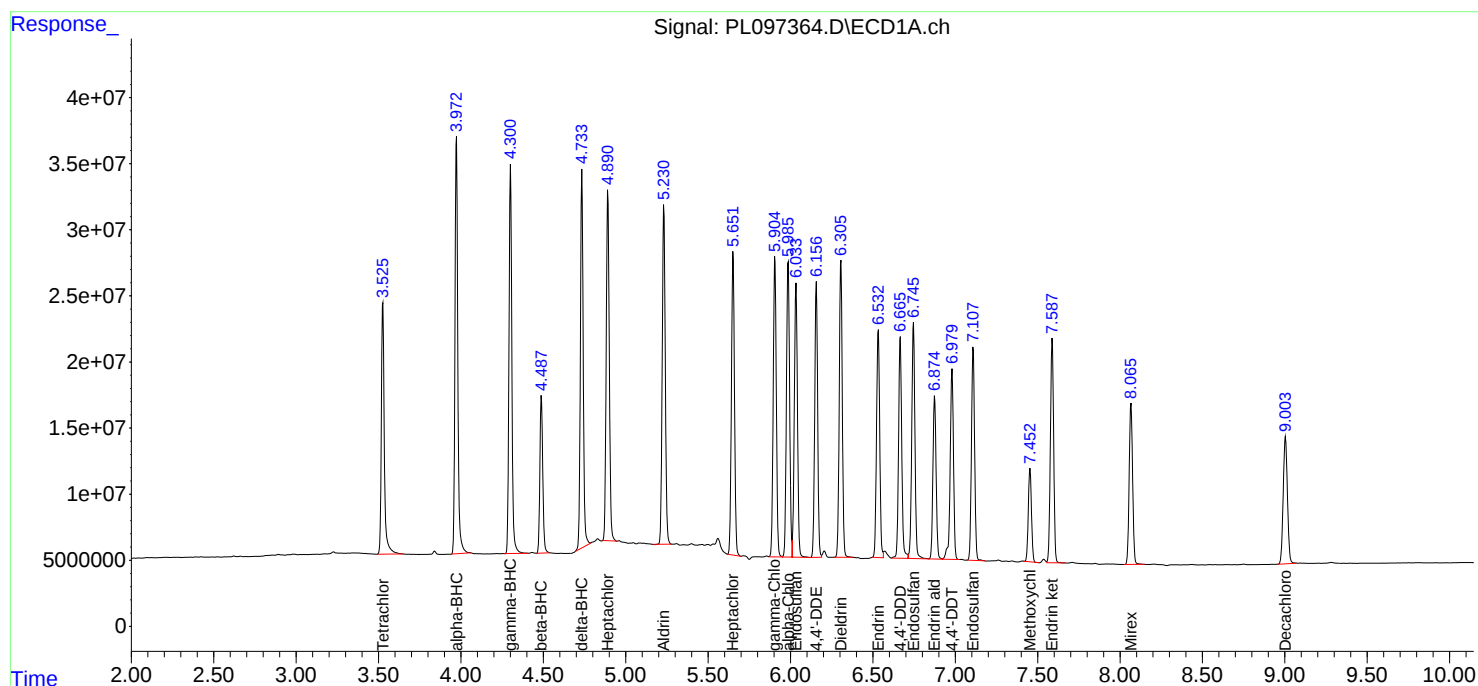
APPROVED

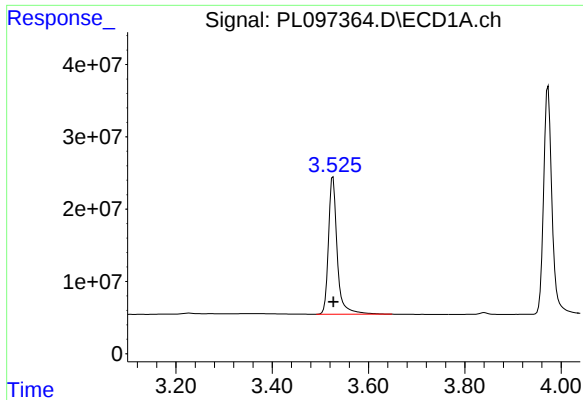
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 01:26:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
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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.: 3.526 min
Delta R.T.: 0.000 min
Response: 240407921
Conc: 53.10 ng/ml

Instrument :

ECD_L

ClientSampleId :

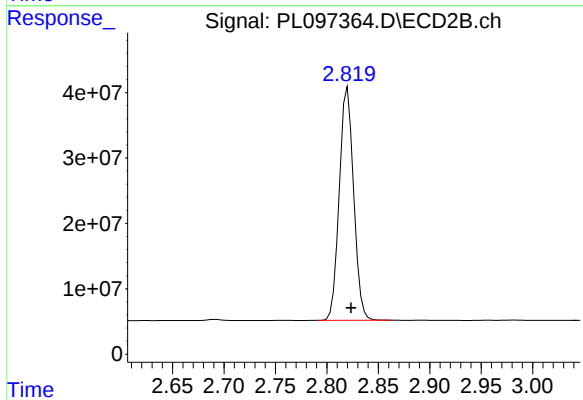
PSTDCCC050

Manual Integrations

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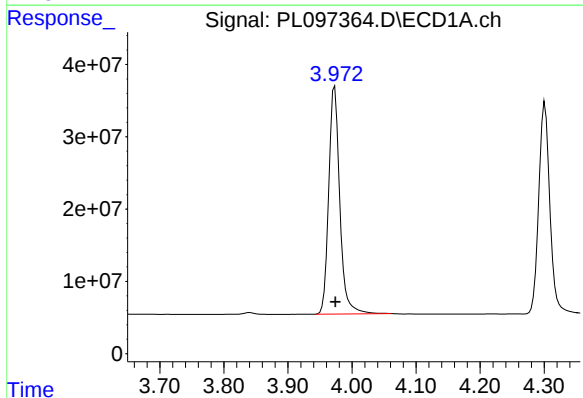
Reviewed By :Abdul Mirza 09/24/2025

Supervised By :mohammad ahmed 09/25/2025



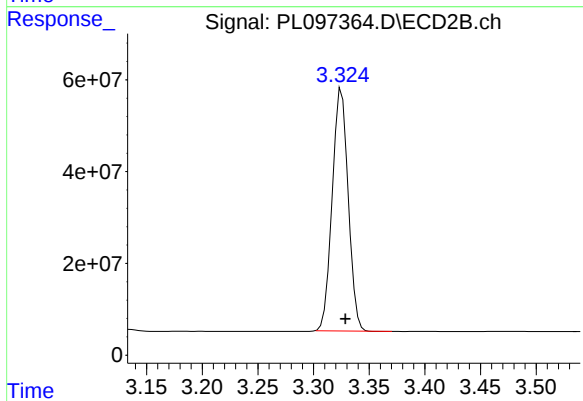
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.003 min
Response: 344896468
Conc: 52.45 ng/ml



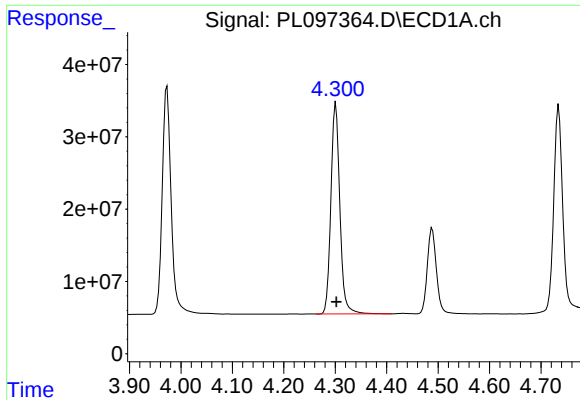
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 378232937
Conc: 54.13 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.003 min
Response: 528312755
Conc: 53.06 ng/ml



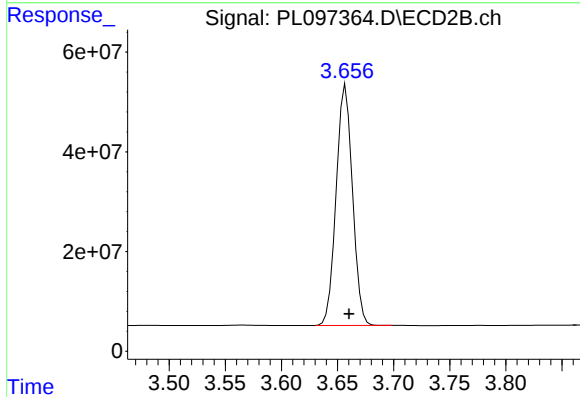
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 353265101
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

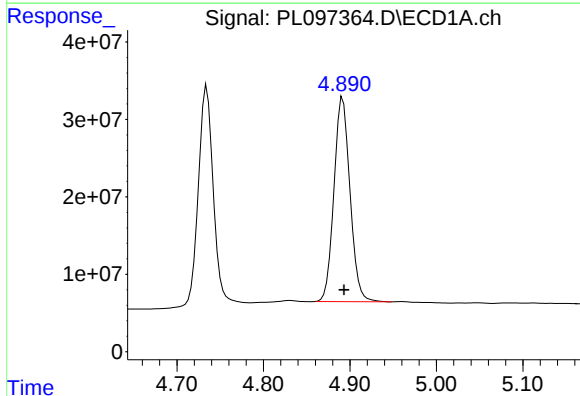
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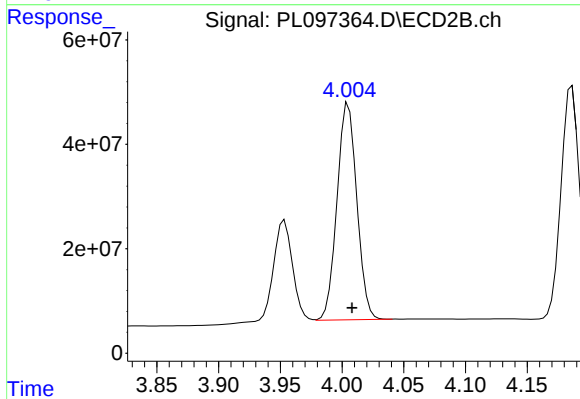
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.003 min
Response: 489207053
Conc: 52.52 ng/ml



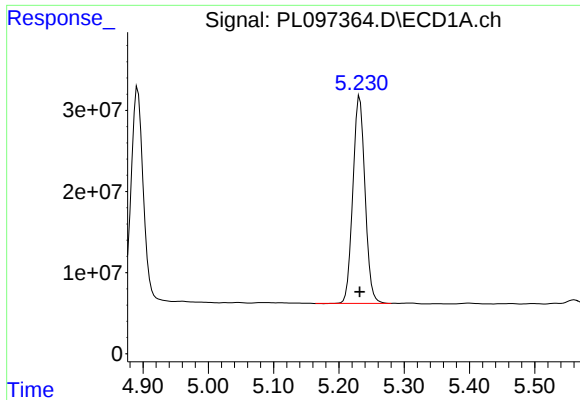
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 338668059
Conc: 50.77 ng/ml



#4 Heptachlor

R.T.: 4.005 min
Delta R.T.: -0.003 min
Response: 463697556
Conc: 49.83 ng/ml



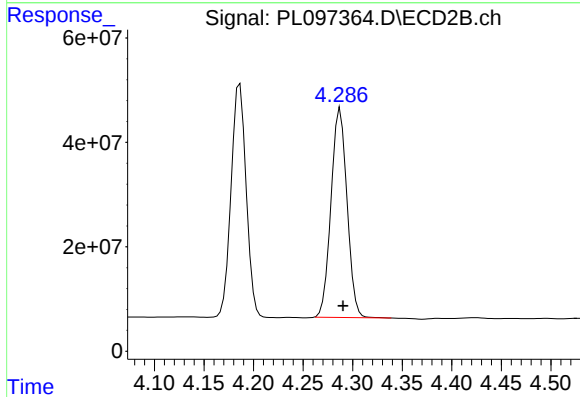
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 330665700
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

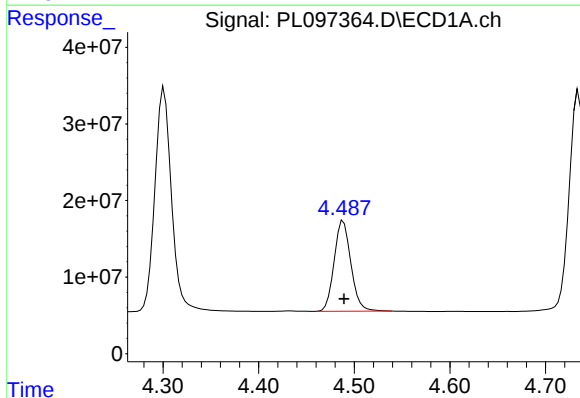
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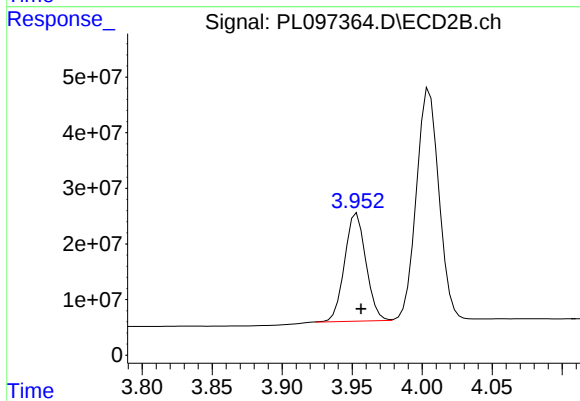
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 449185263
Conc: 51.75 ng/ml



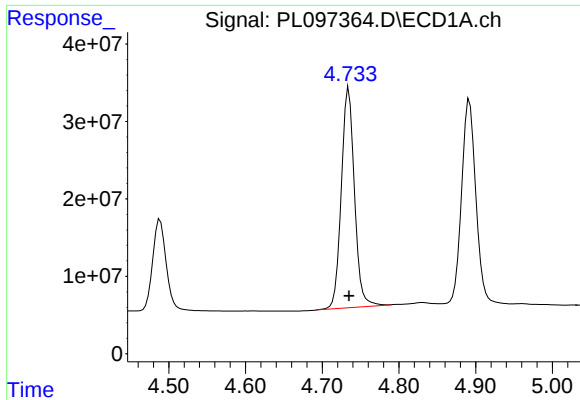
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 143854581
Conc: 52.77 ng/ml



#6 beta-BHC

R.T.: 3.952 min
Delta R.T.: -0.004 min
Response: 206131800
Conc: 50.75 ng/ml m



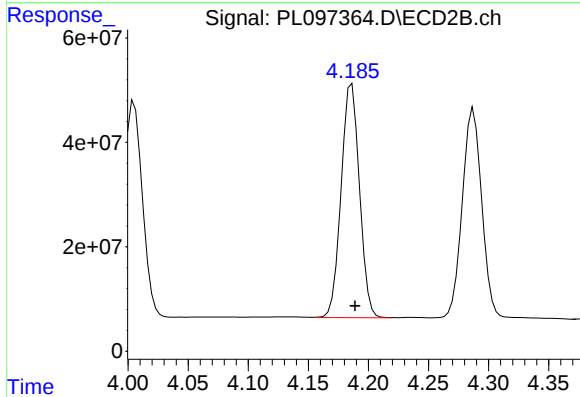
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 339785805
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

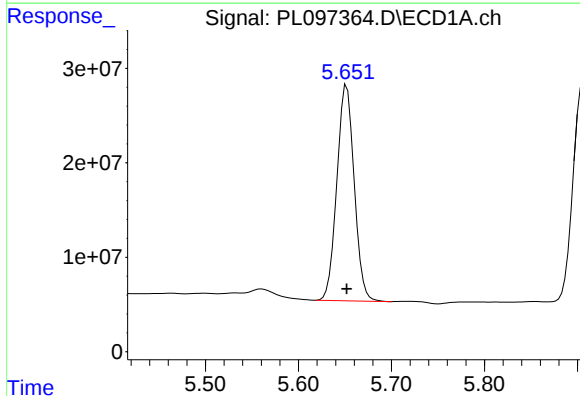
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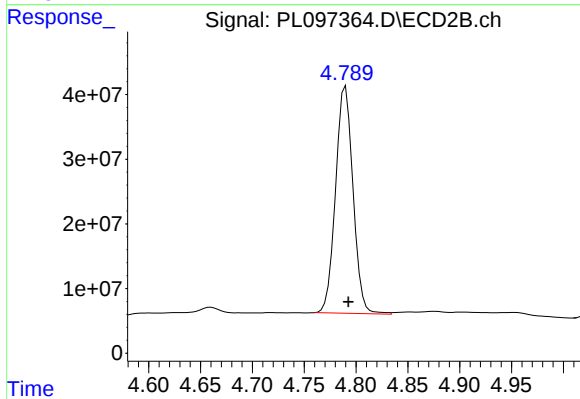
#7 delta-BHC

R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 476318993
Conc: 51.82 ng/ml m



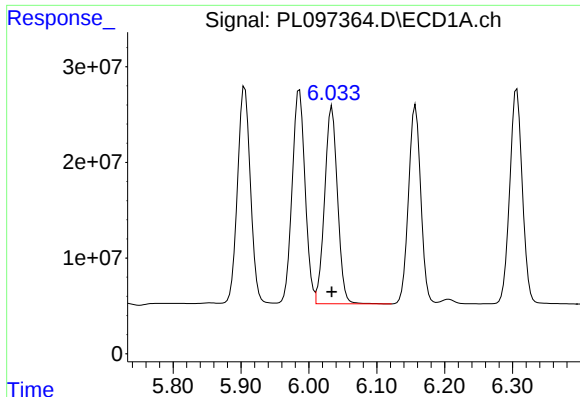
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 296412575
Conc: 51.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.003 min
Response: 411676712
Conc: 51.90 ng/ml



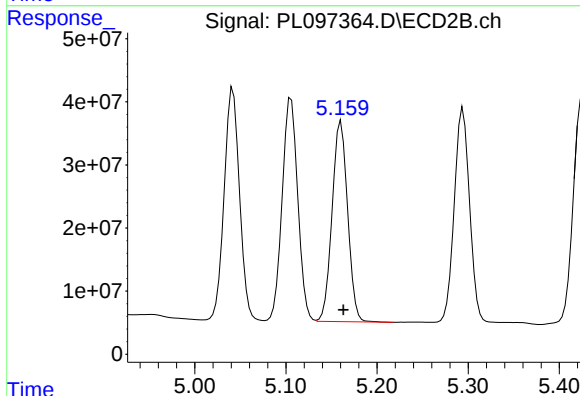
#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 272512471
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

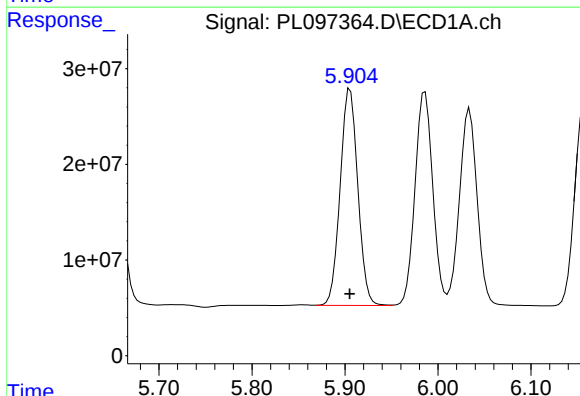
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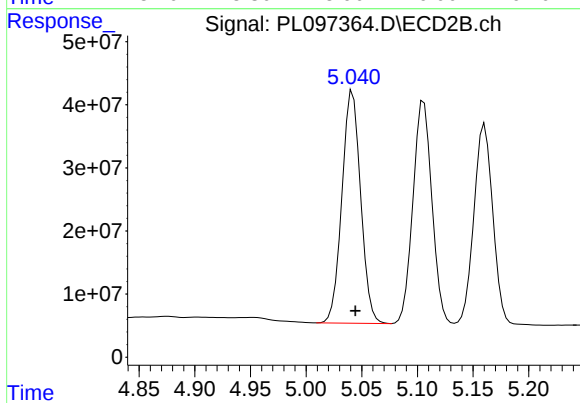
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 375975391
Conc: 48.93 ng/ml



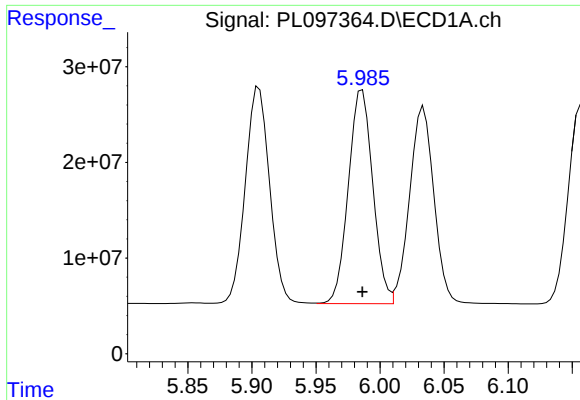
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 298599284
Conc: 52.82 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 431136168
Conc: 49.36 ng/ml



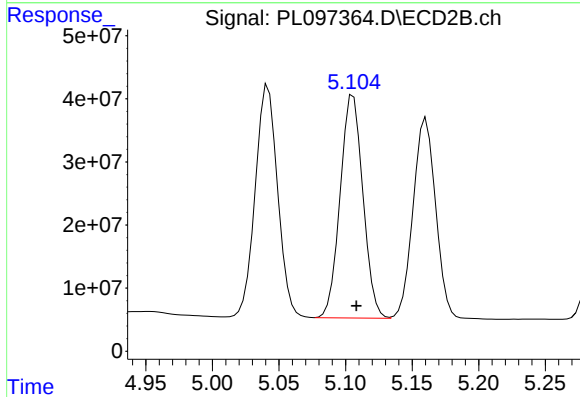
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 296587158
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

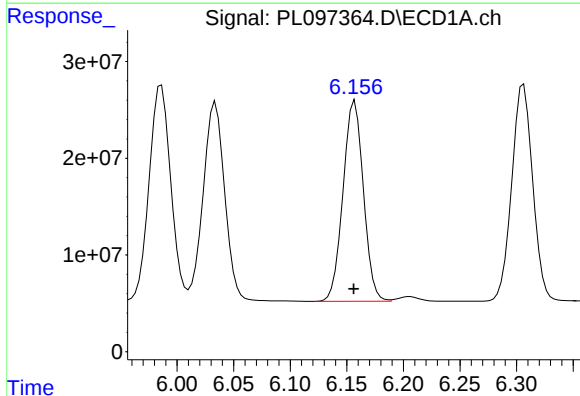
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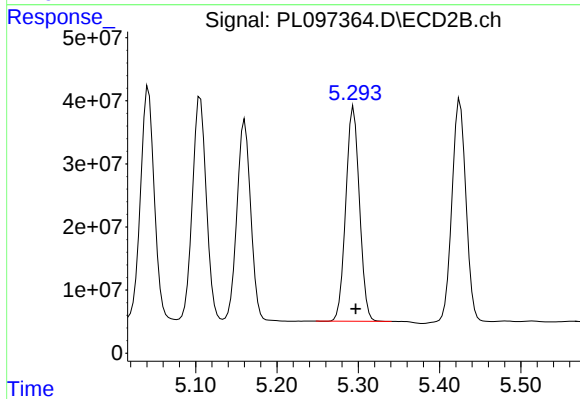
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 420955019
Conc: 50.71 ng/ml



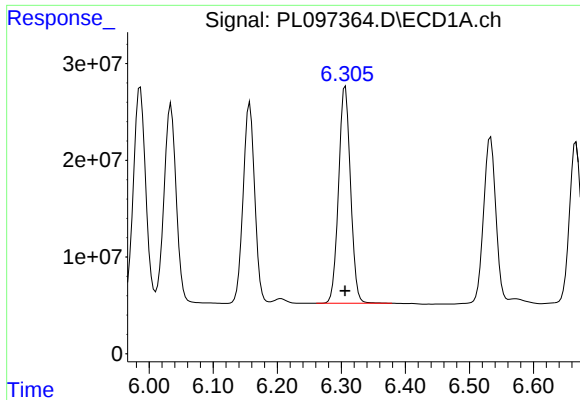
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: 0.001 min
Response: 259879494
Conc: 54.54 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 396201103
Conc: 51.56 ng/ml



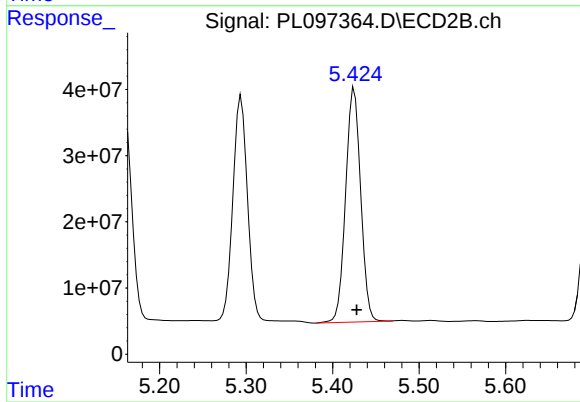
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.000 min
Response: 290121496
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

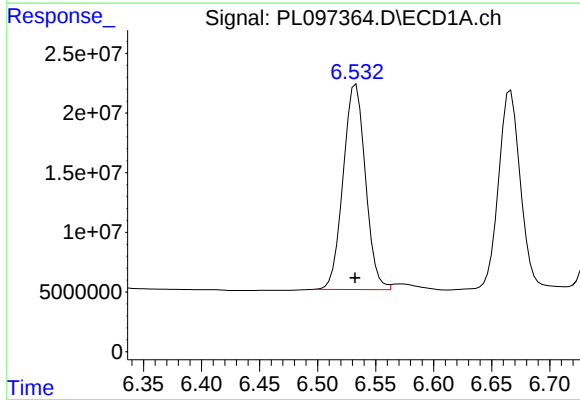
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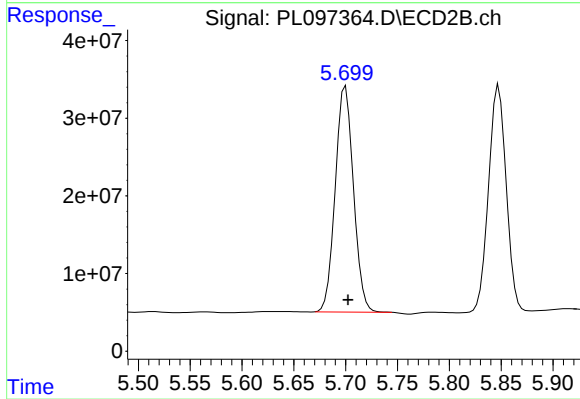
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 425835776
Conc: 52.08 ng/ml



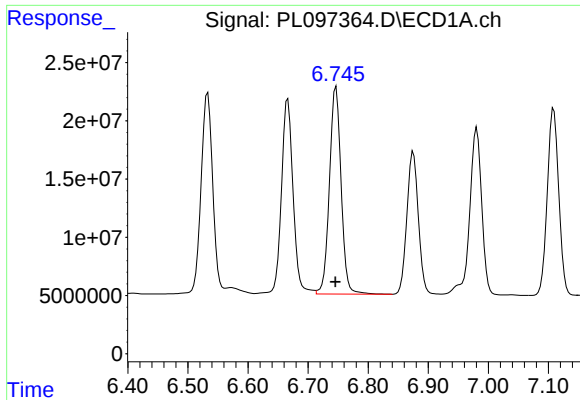
#14 Endrin

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 229570014
Conc: 49.76 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 355409685
Conc: 47.32 ng/ml



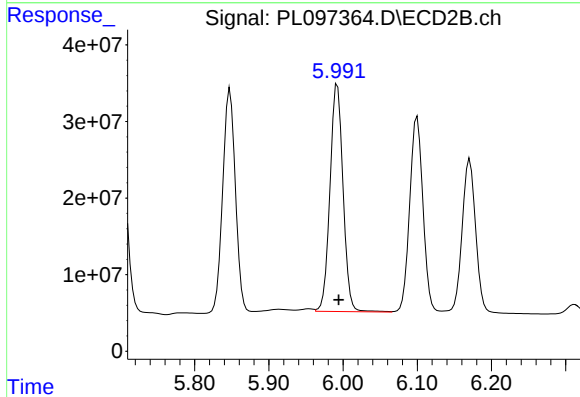
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 240793414
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

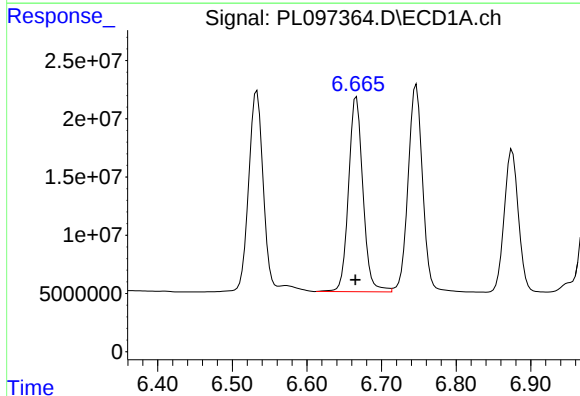
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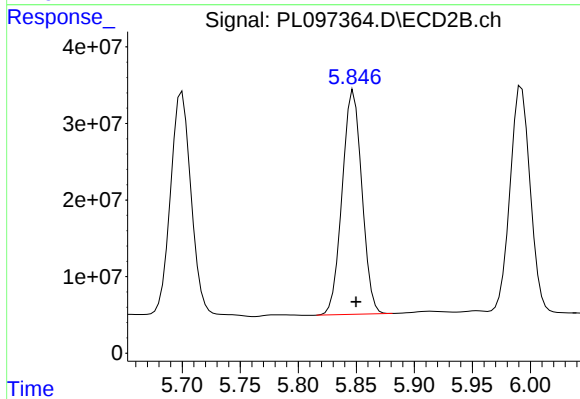
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 364575951
Conc: 51.28 ng/ml



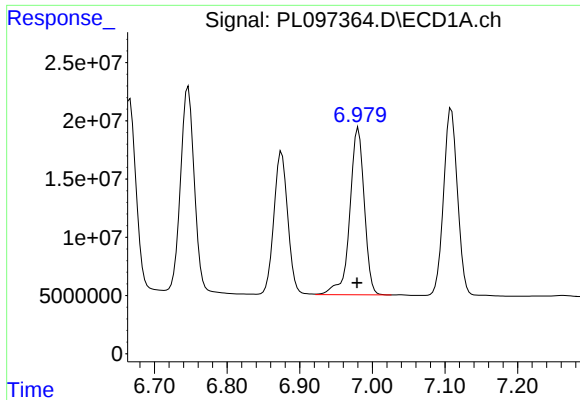
#16 4,4'-DDD

R.T.: 6.666 min
Delta R.T.: 0.001 min
Response: 224264893
Conc: 59.48 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 345490391
Conc: 53.57 ng/ml



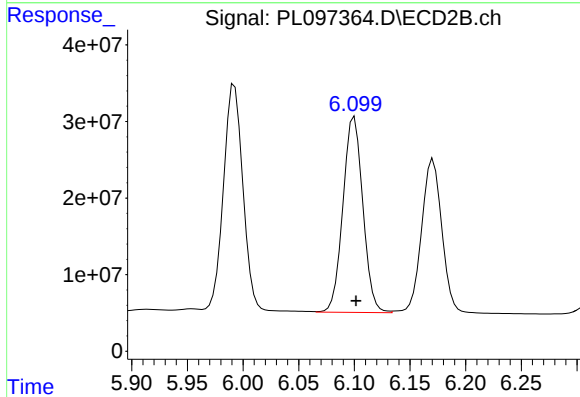
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 199264592
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

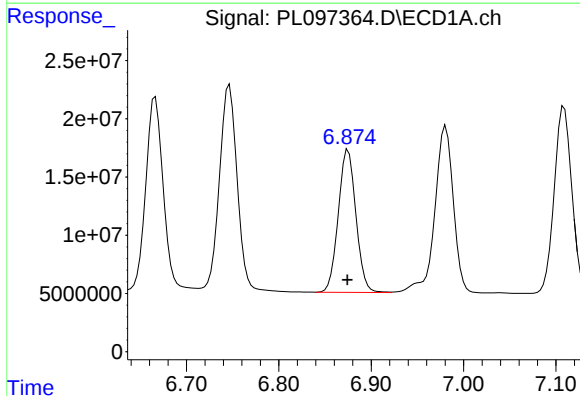
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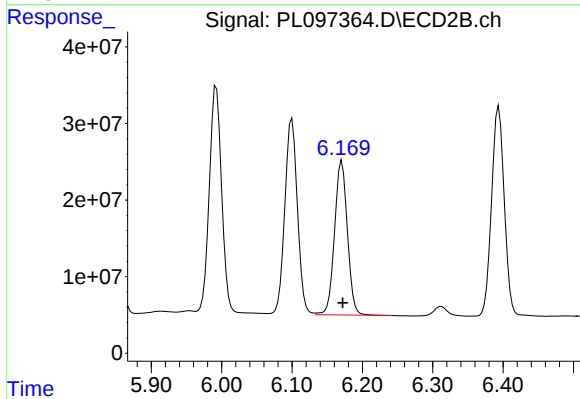
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 318022852
Conc: 45.95 ng/ml



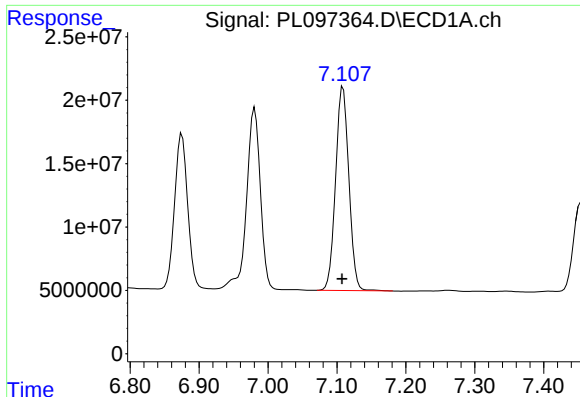
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 162793140
Conc: 52.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 255116232
Conc: 47.80 ng/ml



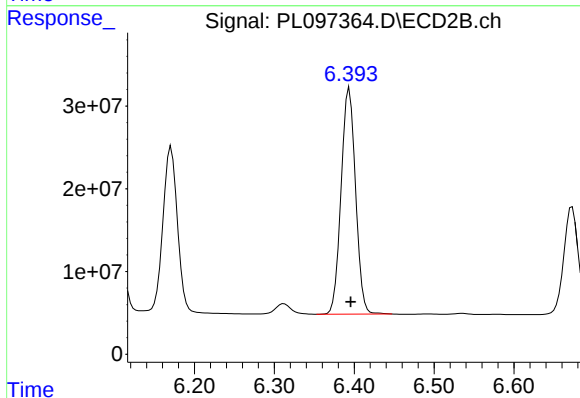
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.001 min
Response: 215014811
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

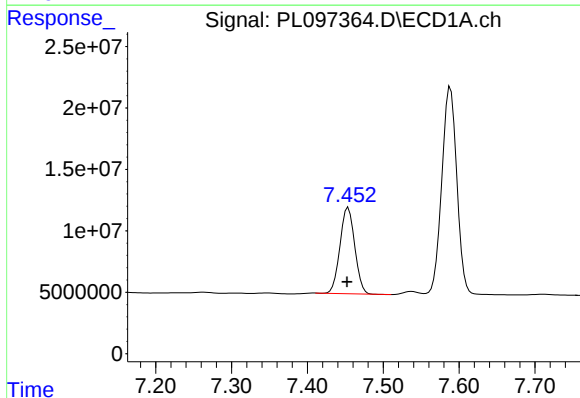
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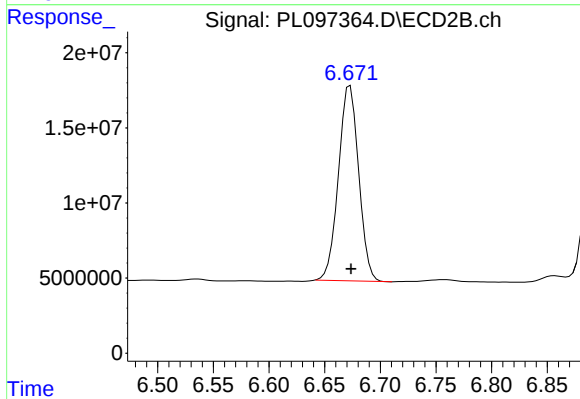
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 343686781
Conc: 50.17 ng/ml



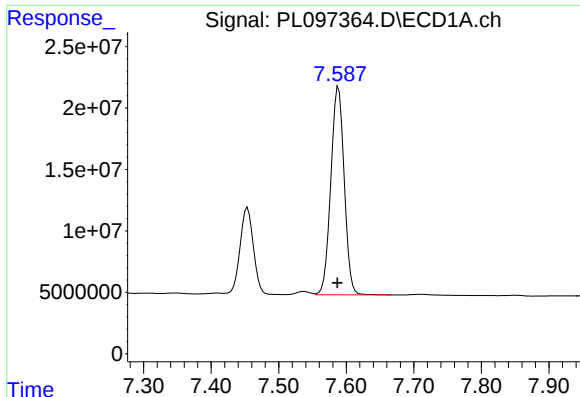
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: 0.002 min
Response: 95109290
Conc: 45.61 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 164496198
Conc: 43.64 ng/ml



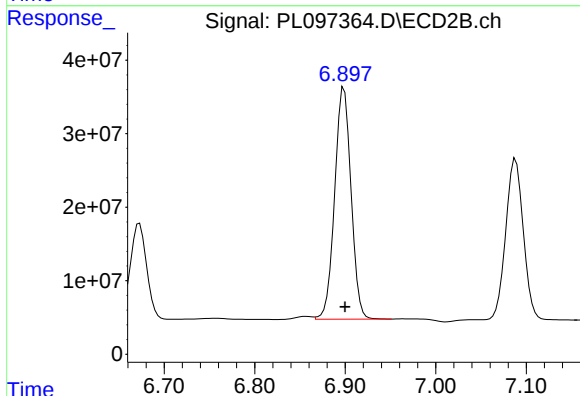
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.002 min
Response: 233898414
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

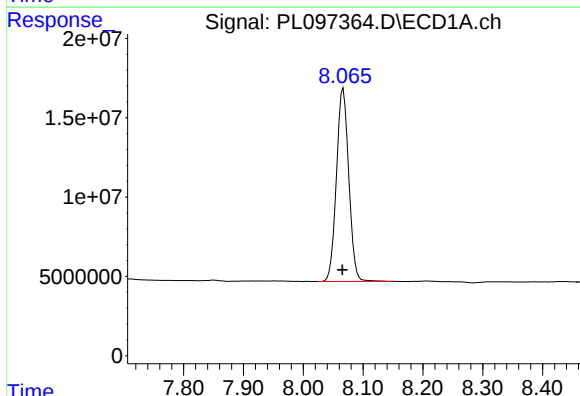
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



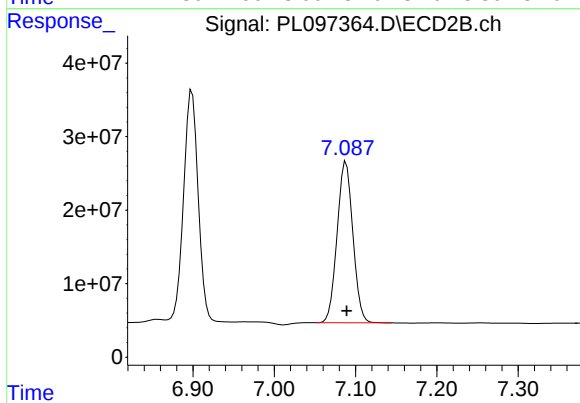
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.001 min
Response: 396498625
Conc: 52.65 ng/ml



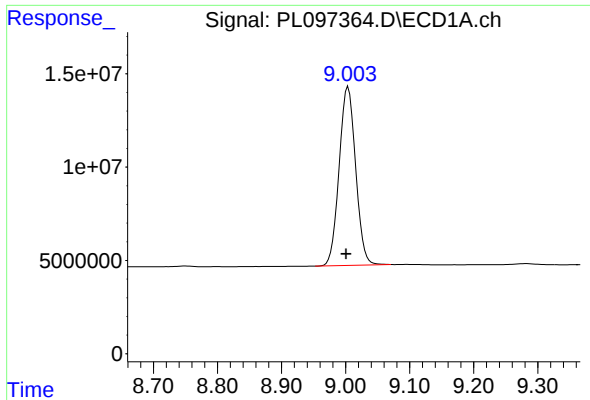
#22 Mirex

R.T.: 8.067 min
Delta R.T.: 0.001 min
Response: 174770175
Conc: 49.23 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 295599256
Conc: 49.44 ng/ml



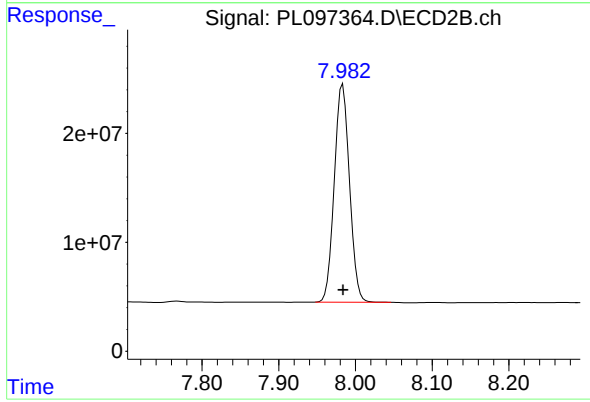
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: 0.003 min
Response: 171309482
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/24/2025
Supervised By :mohammad ahmed 09/25/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 275769729
Conc: 48.45 ng/ml