

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092525\
 Data File : PL097368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Sep 2025 12:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/26/2025
 Supervised By : Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 26 07:30:29 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...	3.527	2.823	252.6E6	367.8E6	55.786	55.937
28)	SA Decachlor...	9.001	7.982	177.3E6	294.1E6	54.170	51.674
Target Compounds							
2)	A alpha-BHC	3.974	3.328	400.8E6	574.6E6	57.366	57.703
3)	MA gamma-BHC...	4.301	3.660	367.0E6	533.0E6	55.501	57.219
4)	MA Heptachlor	4.892	4.007	367.6E6	510.5E6	55.119	54.867
5)	MB Aldrin	5.231	4.289	355.6E6	495.8E6	56.141	57.130
6)	B beta-BHC	4.489	3.955	155.7E6	225.9E6	57.123	55.601
7)	B delta-BHC	4.733	4.188	359.2E6	527.1E6	59.189m	57.340
8)	B Heptachlo...	5.651	4.791	320.7E6	444.0E6	55.806	55.974
9)	A Endosulfan I	6.033	5.162	290.2E6	421.8E6	56.006	54.890
10)	B gamma-Chl...	5.905	5.043	323.3E6	483.8E6	57.180	55.388
11)	B alpha-Chl...	5.985	5.107	320.3E6	467.6E6	56.392	56.333
12)	B 4,4'-DDE	6.156	5.295	274.3E6	434.6E6	57.560	56.551
13)	MA Dieldrin	6.305	5.426	306.4E6	459.5E6	55.886	56.191
14)	MA Endrin	6.531	5.701	233.5E6	381.2E6	50.626	50.755
15)	B Endosulfa...	6.744	5.993	260.7E6	389.4E6	53.002	54.773
16)	A 4,4'-DDD	6.664	5.848	225.0E6	374.5E6	59.676	58.066
17)	MA 4,4'-DDT	6.979	6.101	222.7E6	354.6E6	52.690	51.244
18)	B Endrin al...	6.874	6.172	174.3E6	271.2E6	56.548	50.816
19)	B Endosulfa...	7.107	6.394	229.3E6	371.5E6	56.170	54.229
20)	A Methoxychlor	7.452	6.672	106.3E6	183.4E6	50.952	48.646
21)	B Endrin ke...	7.587	6.899	246.8E6	424.1E6	58.152	56.314
22)	Mirex	8.065	7.088	186.4E6	318.5E6	52.492	53.270

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092525\
Data File : PL097368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Sep 2025 12:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

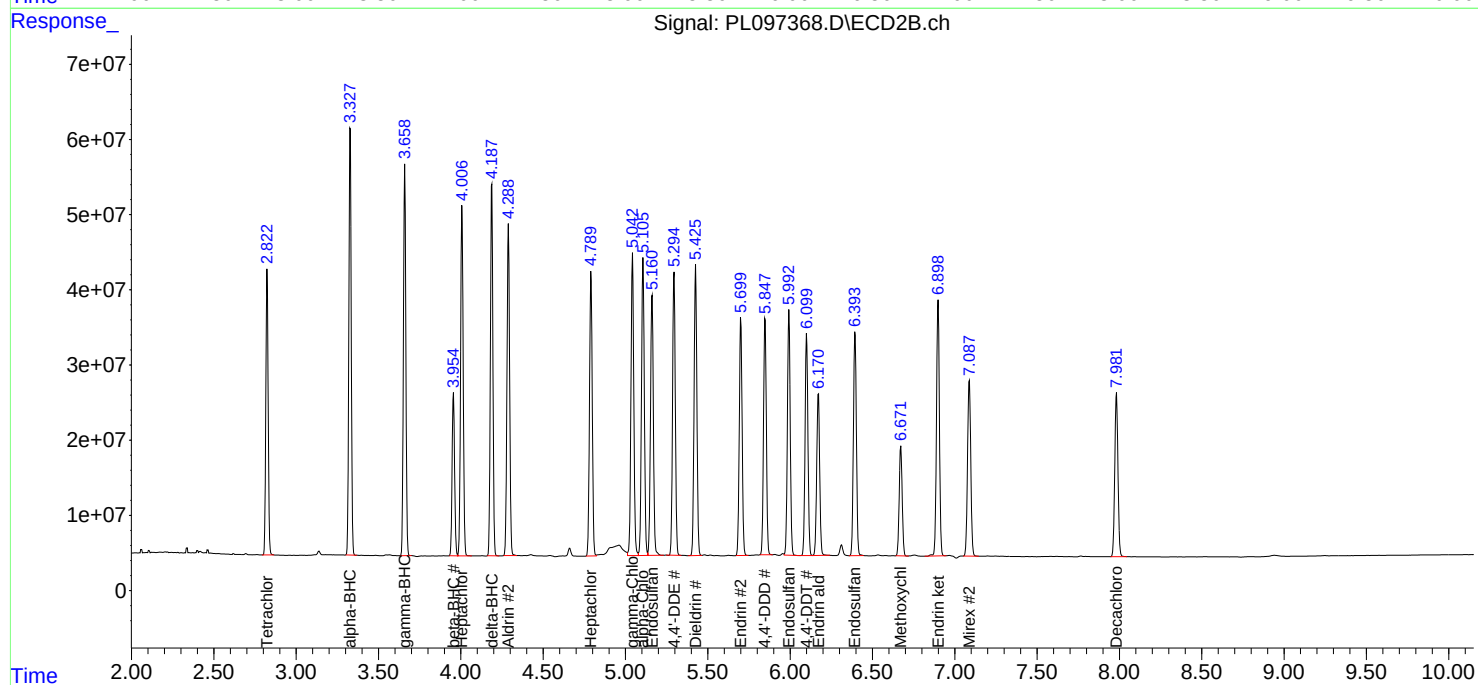
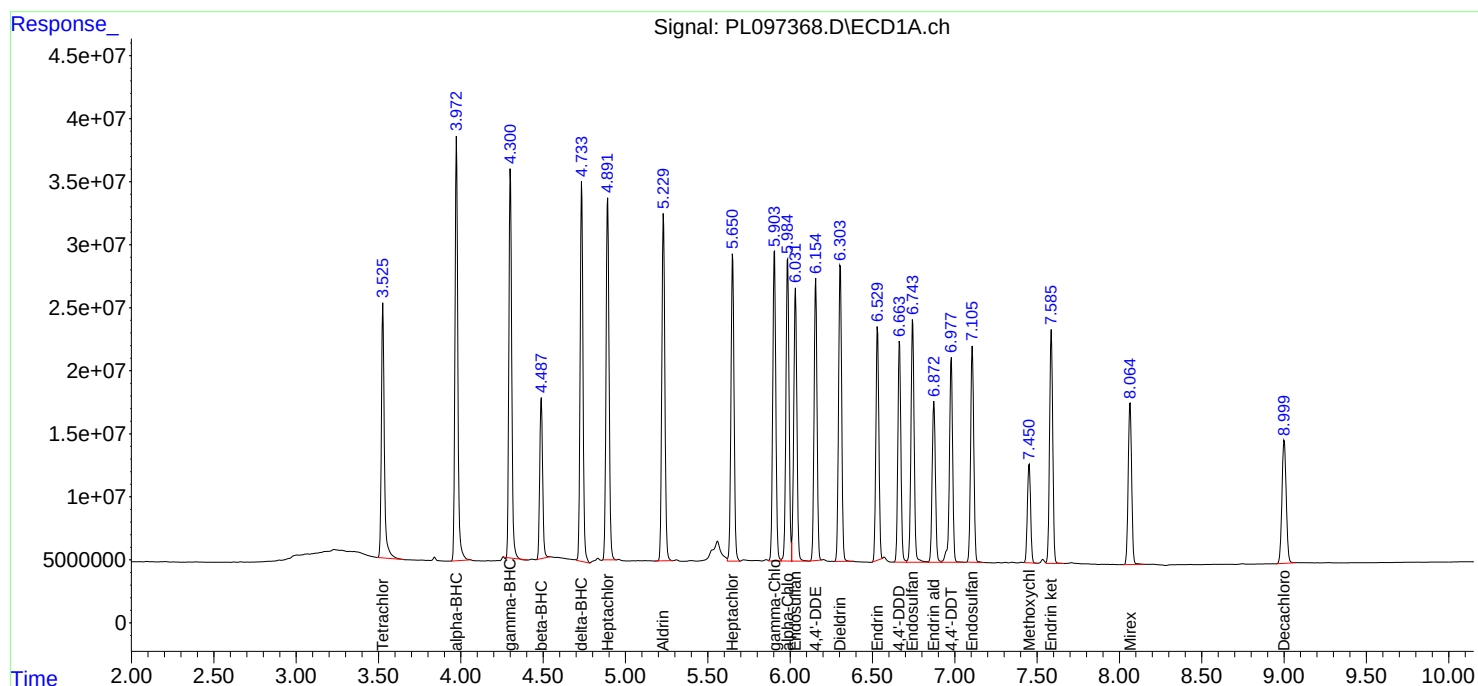
Manual Integrations

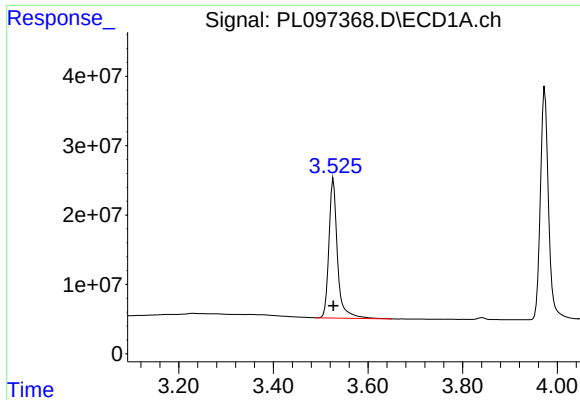
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Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 26 07:30:29 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





#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 252552644
Conc: 55.79 ng/ml

Instrument :

ECD_L

ClientSampleId :

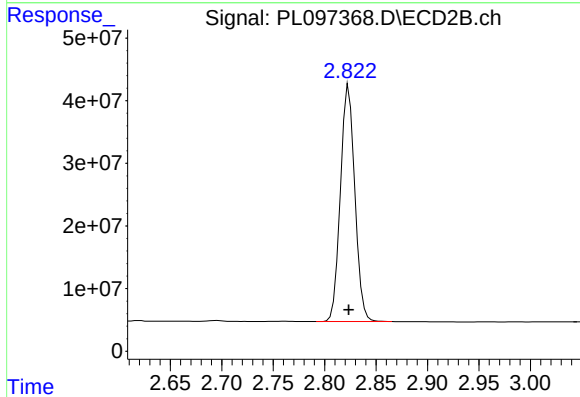
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Manual Integrations

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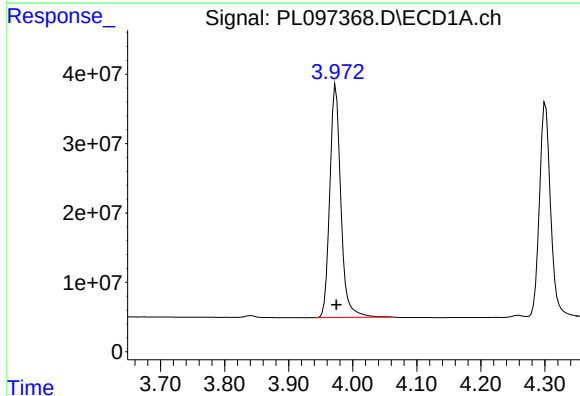
Reviewed By :Abdul Mirza 09/26/2025

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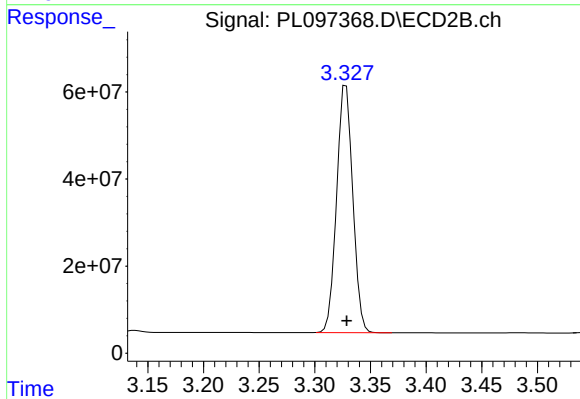
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 367813813
Conc: 55.94 ng/ml



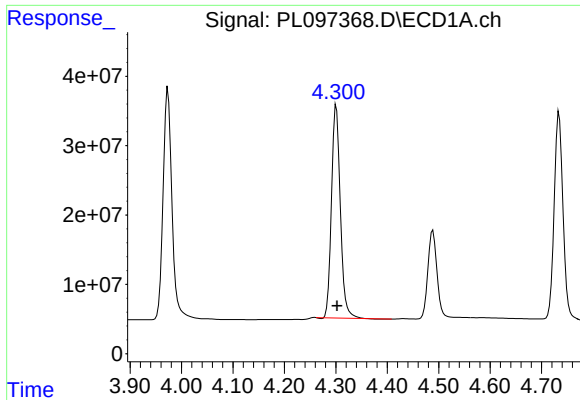
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 400840519
Conc: 57.37 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 574583703
Conc: 57.70 ng/ml



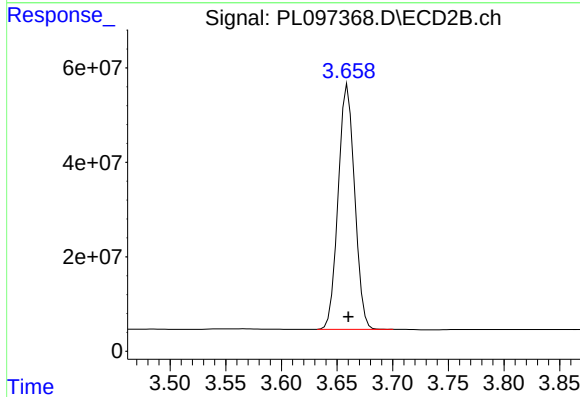
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.001 min
Response: 367035109
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

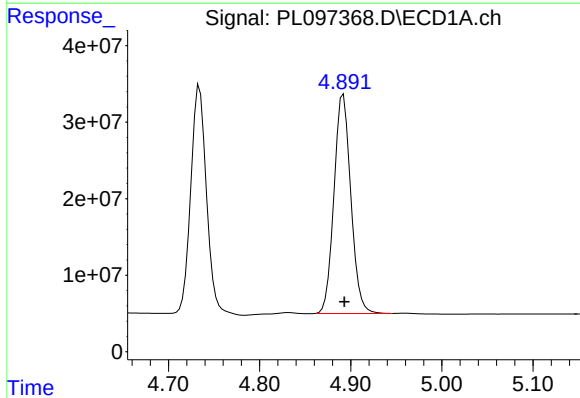
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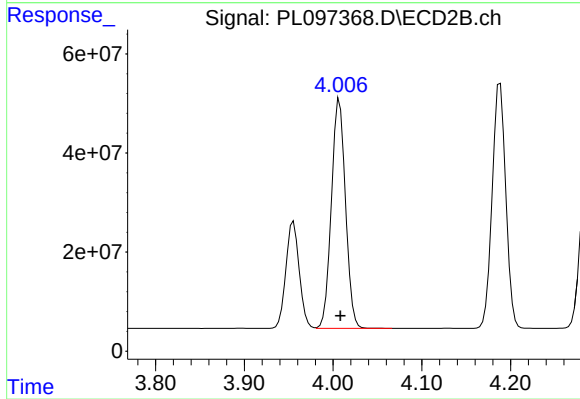
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 532975159
Conc: 57.22 ng/ml



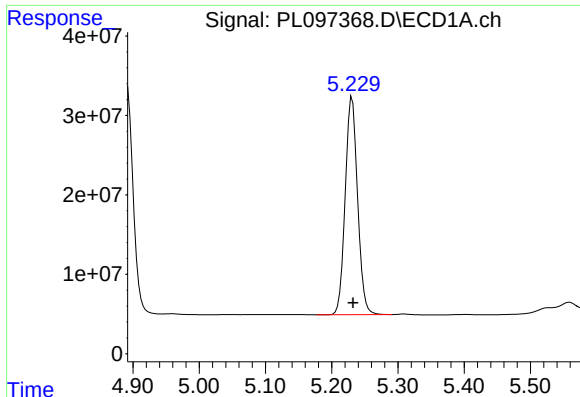
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 367649267
Conc: 55.12 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 510541486
Conc: 54.87 ng/ml



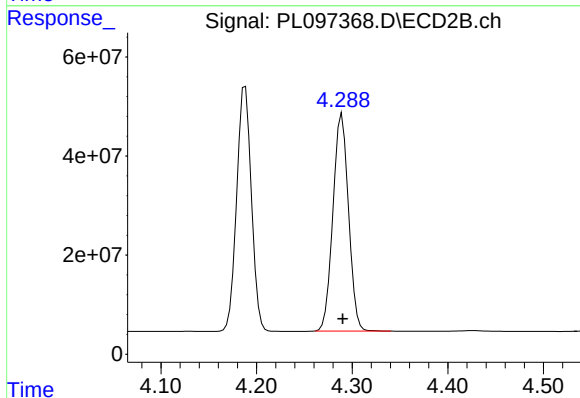
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 355591254
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

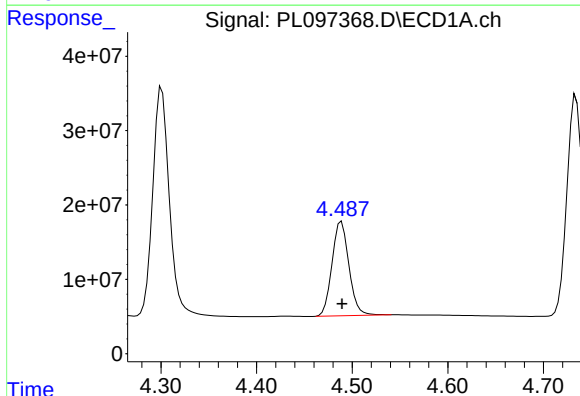
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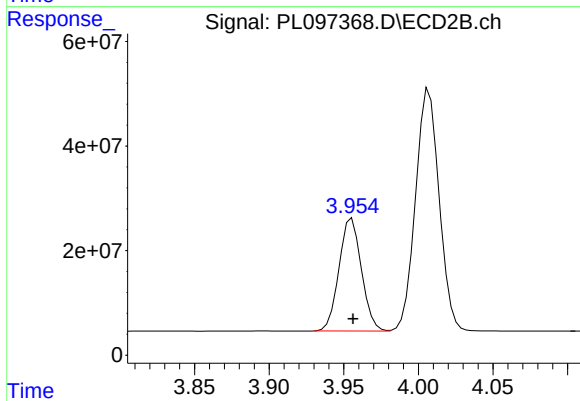
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 495845998
Conc: 57.13 ng/ml



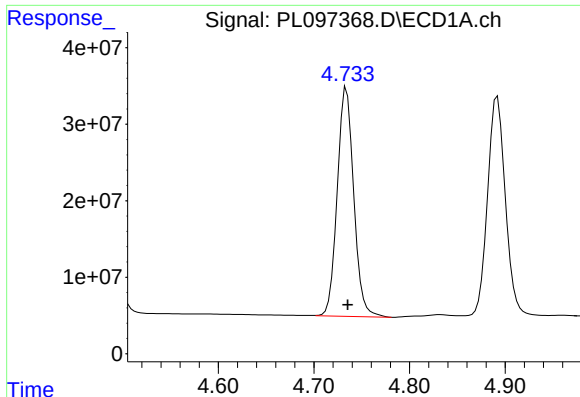
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 155728404
Conc: 57.12 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 225851679
Conc: 55.60 ng/ml



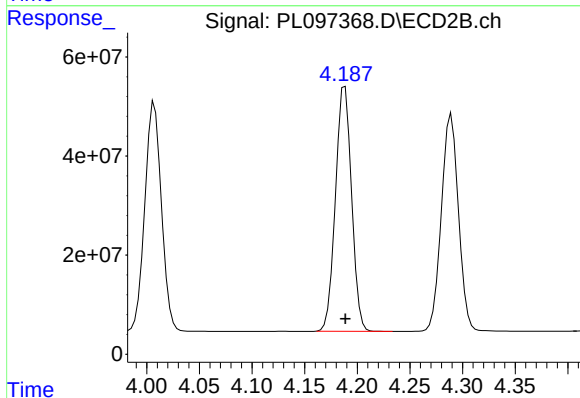
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 359176434
Conc: 59.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

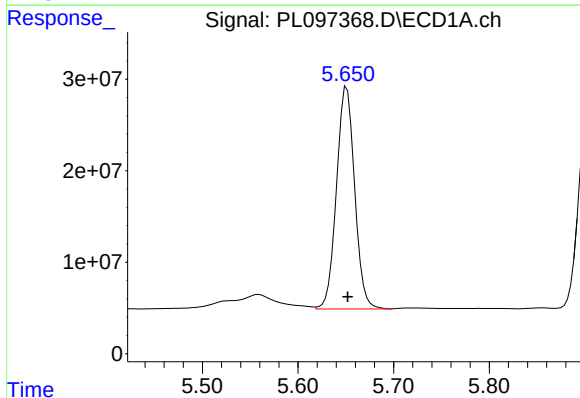
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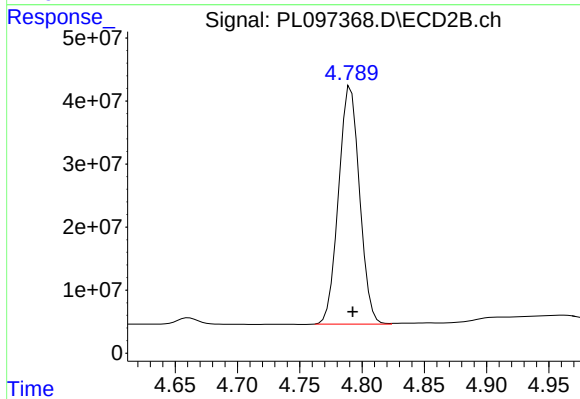
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 527082435
Conc: 57.34 ng/ml



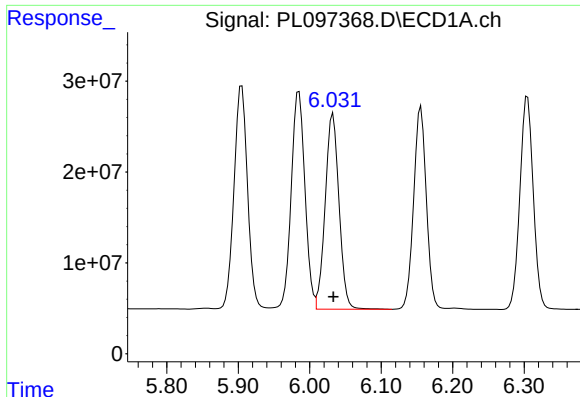
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 320715235
Conc: 55.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 443957269
Conc: 55.97 ng/ml



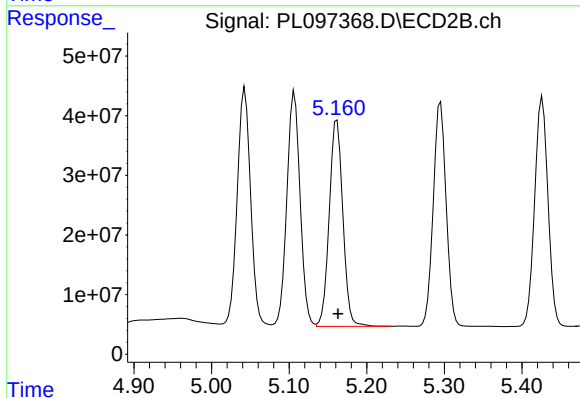
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 290183494
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

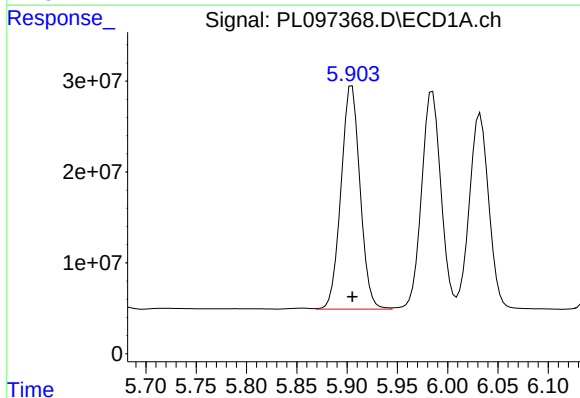
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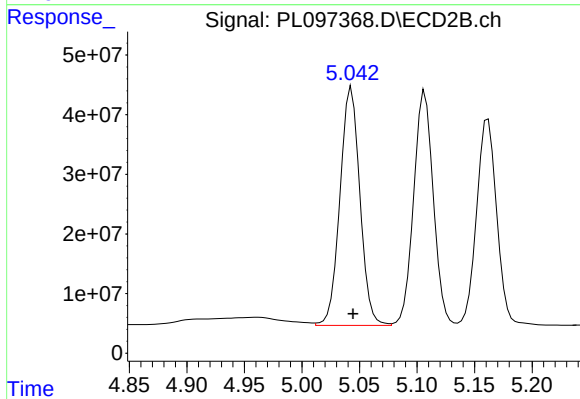
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 421752938
Conc: 54.89 ng/ml



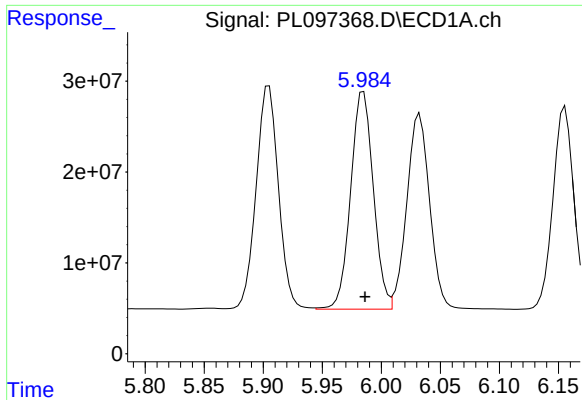
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 323269497
Conc: 57.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 483754900
Conc: 55.39 ng/ml



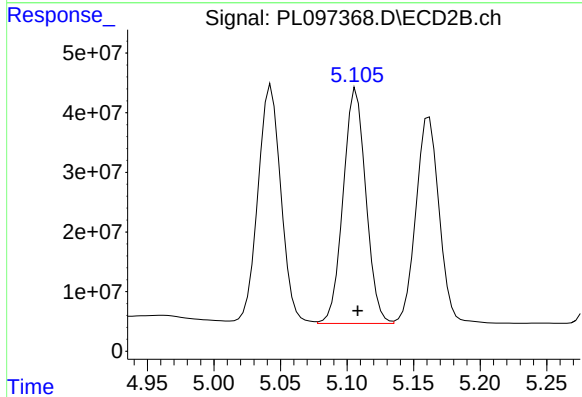
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 320303693
Conc: 56.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

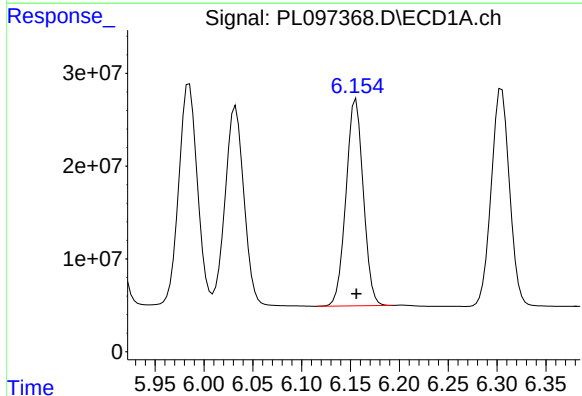
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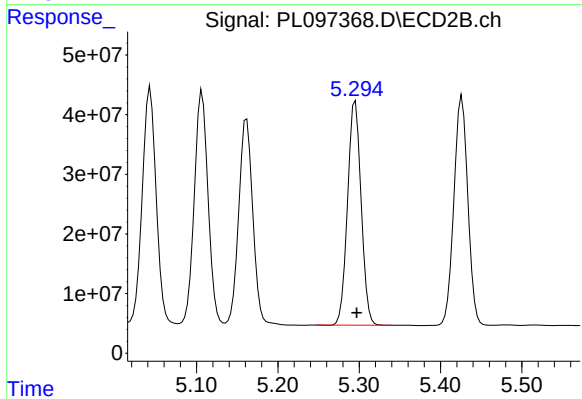
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 467593554
Conc: 56.33 ng/ml



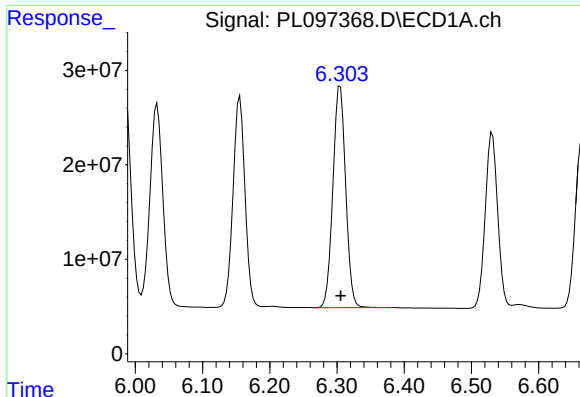
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 274257461
Conc: 57.56 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 434579930
Conc: 56.55 ng/ml



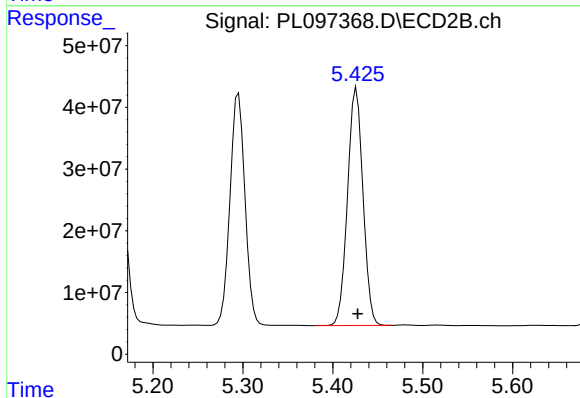
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 306373107
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

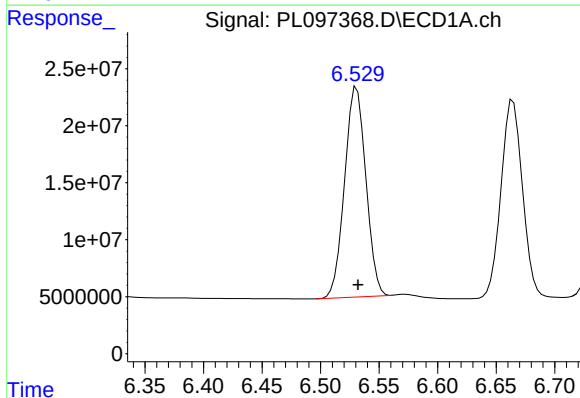
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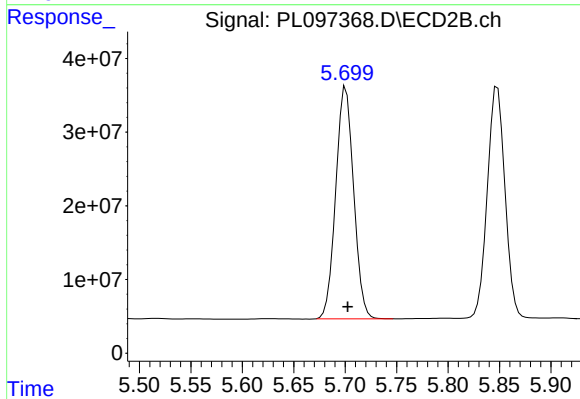
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.001 min
Response: 459463286
Conc: 56.19 ng/ml



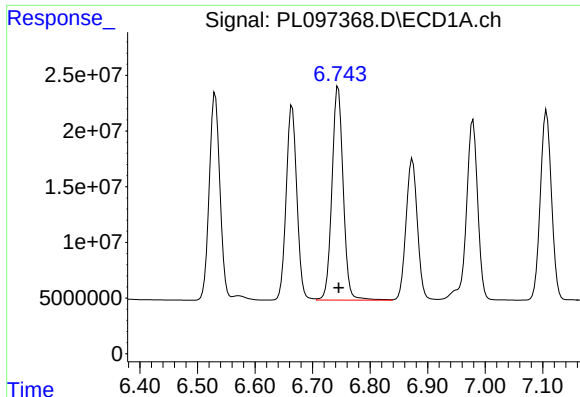
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 233544904
Conc: 50.63 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 381198415
Conc: 50.76 ng/ml



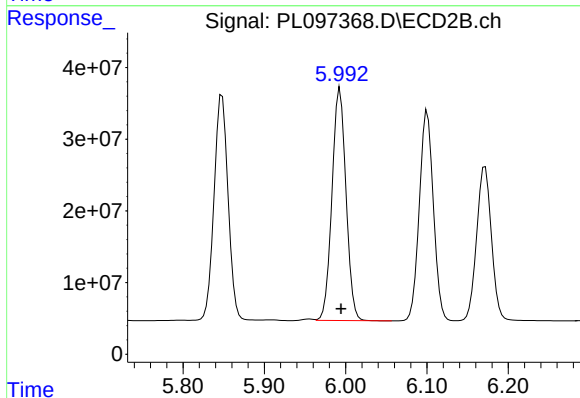
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 260683375
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

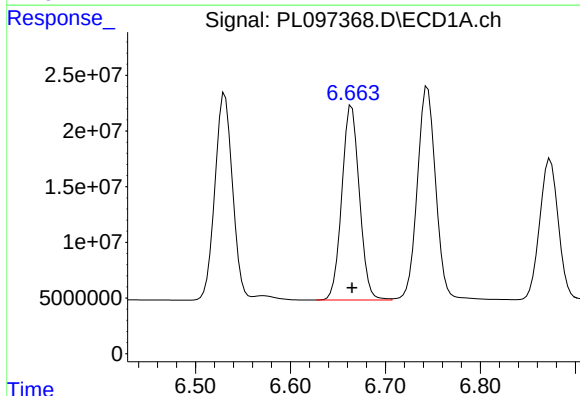
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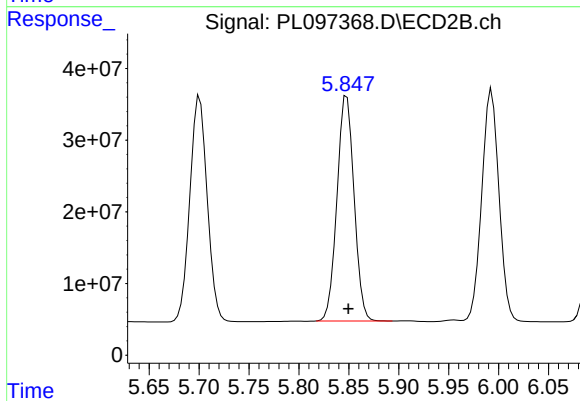
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 389392102
Conc: 54.77 ng/ml



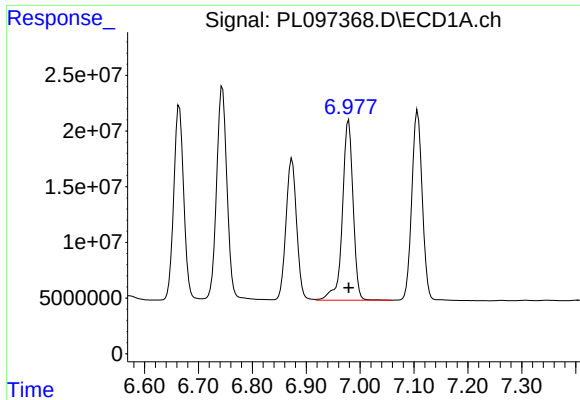
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 225010430
Conc: 59.68 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 374473589
Conc: 58.07 ng/ml



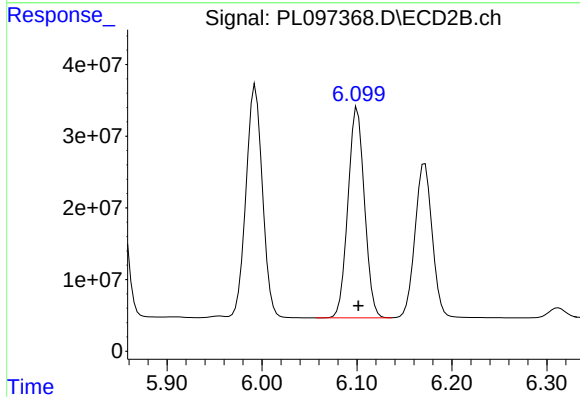
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 222732410
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

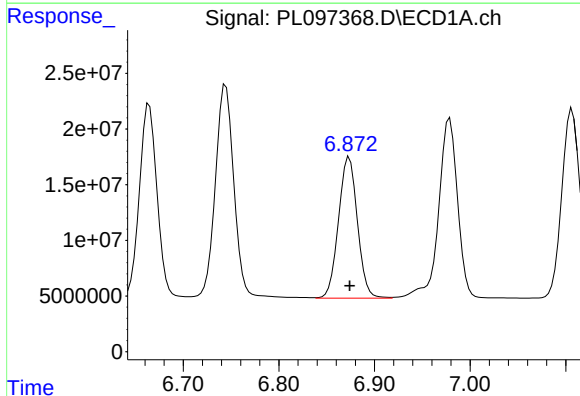
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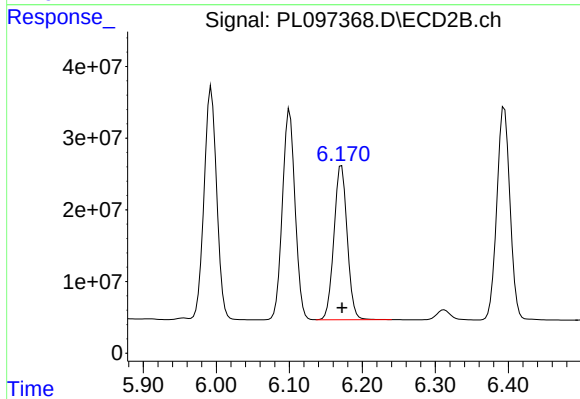
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 354631397
Conc: 51.24 ng/ml



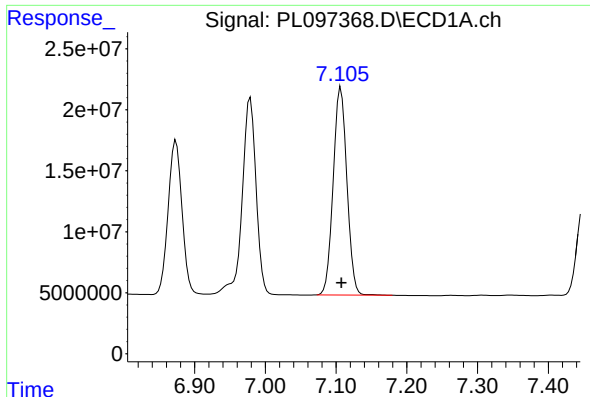
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 174328151
Conc: 56.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 271228151
Conc: 50.82 ng/ml



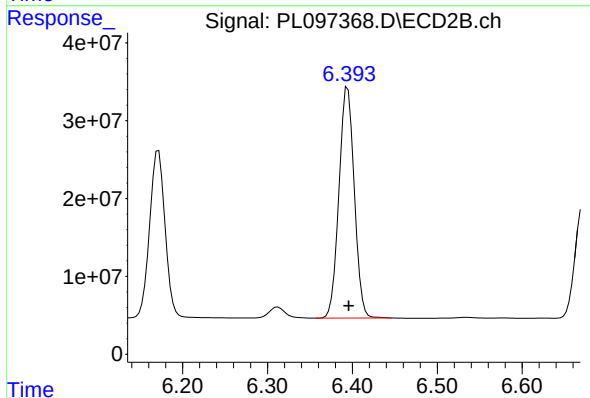
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 229325519
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

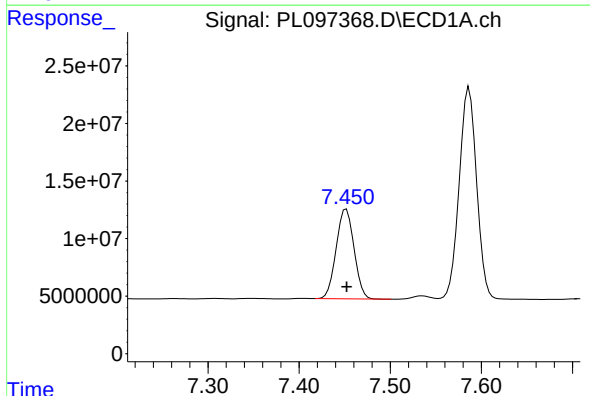
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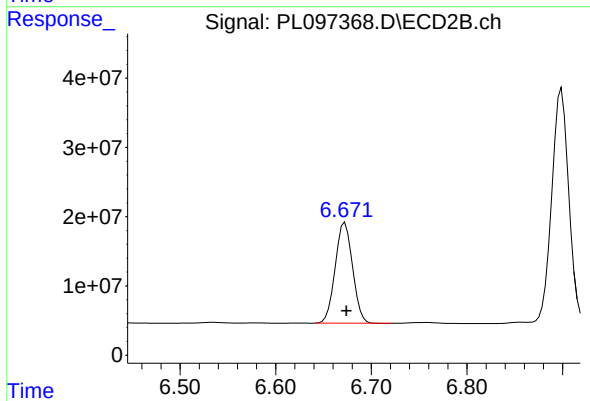
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 371453974
Conc: 54.23 ng/ml



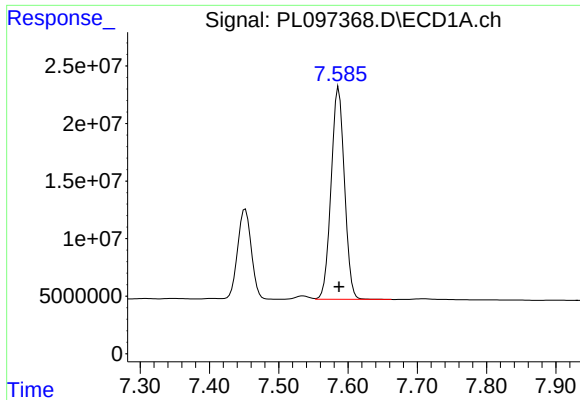
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 106253662
Conc: 50.95 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 183371601
Conc: 48.65 ng/ml



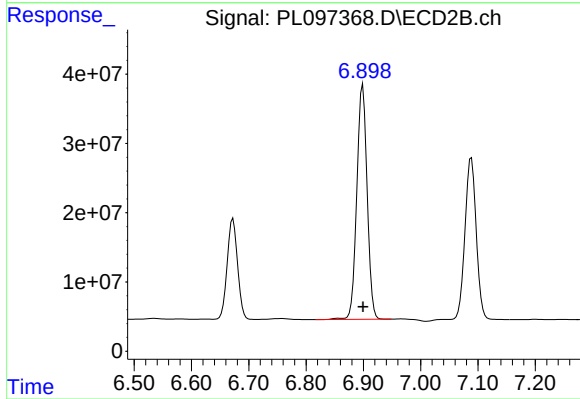
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 246816862
Conc: 58.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

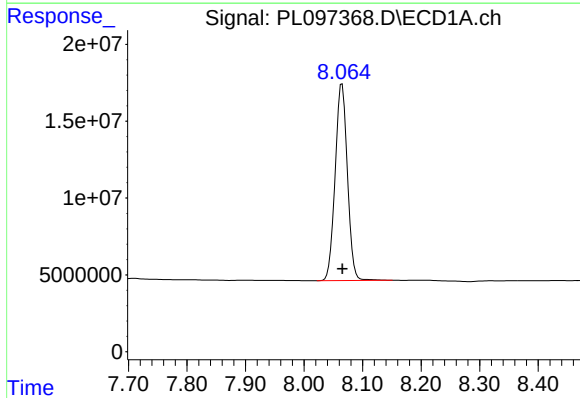
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APPROVED

Reviewed By :Abdul Mirza 09/26/2025
Supervised By :Sohil Jodhani 09/26/2025



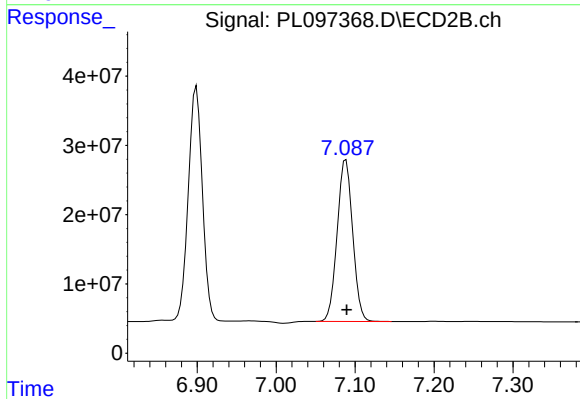
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 424064191
Conc: 56.31 ng/ml



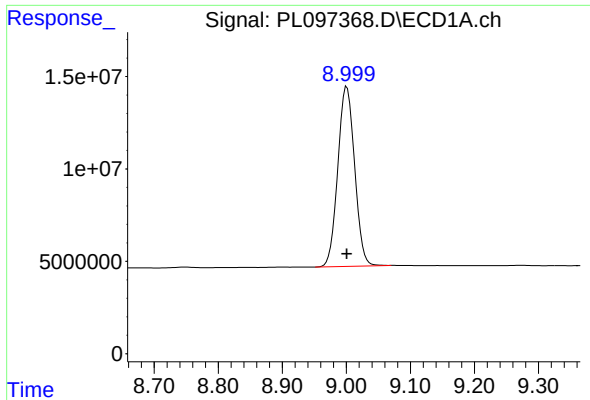
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 186362680
Conc: 52.49 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 318484605
Conc: 53.27 ng/ml



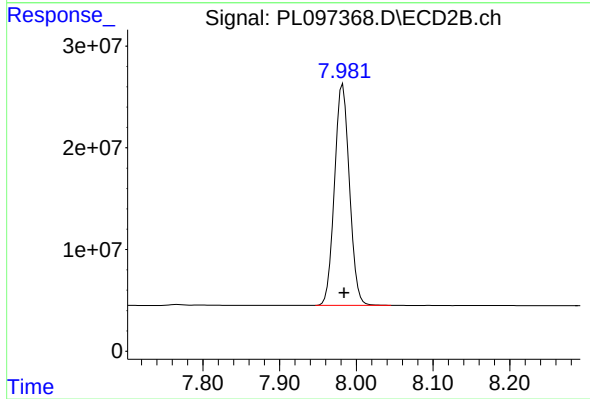
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 177254528
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 294105595
Conc: 51.67 ng/ml