

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090925\
 Data File : PL097095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 16:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/09/2025
 Supervised By : mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 05:38:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.824	198.8E6	273.4E6	50.419	48.501
28)	SA Decachlor...	9.000	7.983	142.4E6	243.8E6	48.101	50.847
Target Compounds							
2)	A alpha-BHC	3.975	3.329	305.0E6	418.8E6	52.646	51.000
3)	MA gamma-BHC...	4.303	3.661	286.3E6	389.5E6	52.417	52.881
4)	MA Heptachlor	4.894	4.008	278.1E6	379.2E6	52.154	50.393
5)	MB Aldrin	5.233	4.291	273.7E6	364.2E6	52.091	51.780
6)	B beta-BHC	4.490	3.956	117.5E6	166.5E6	51.366	51.040
7)	B delta-BHC	4.735	4.189	264.5E6	382.1E6	58.786	51.997
8)	B Heptachlo...	5.653	4.793	248.4E6	330.2E6	48.266	52.210
9)	A Endosulfan I	6.034	5.163	221.1E6	307.0E6	51.459	51.243
10)	B gamma-Chl...	5.905	5.044	243.9E6	345.9E6	52.968m	52.316
11)	B alpha-Chl...	5.987	5.108	240.3E6	340.0E6	51.067	52.066
12)	B 4,4'-DDE	6.157	5.297	197.3E6	318.9E6	49.450	51.815
13)	MA Dieldrin	6.306	5.427	232.8E6	339.7E6	51.257	51.831
14)	MA Endrin	6.533	5.702	179.2E6	289.7E6	47.850	49.047
15)	B Endosulfa...	6.746	5.993	201.8E6	293.6E6	45.822	51.332
16)	A 4,4'-DDD	6.665	5.849	160.9E6	272.5E6	50.992	52.188
17)	MA 4,4'-DDT	6.980	6.101	166.7E6	275.0E6	47.582	50.199
18)	B Endrin al...	6.874	6.172	136.1E6	214.3E6	52.333	51.698
19)	B Endosulfa...	7.108	6.395	174.3E6	284.5E6	50.777	50.780
20)	A Methoxychlor	7.452	6.673	80093398	144.7E6	46.150	48.230
21)	B Endrin ke...	7.587	6.899	188.6E6	335.3E6	53.040	53.572
22)	Mirex	8.065	7.088	150.7E6	251.3E6	50.365	51.743

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090925\
Data File : PL097095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 16:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

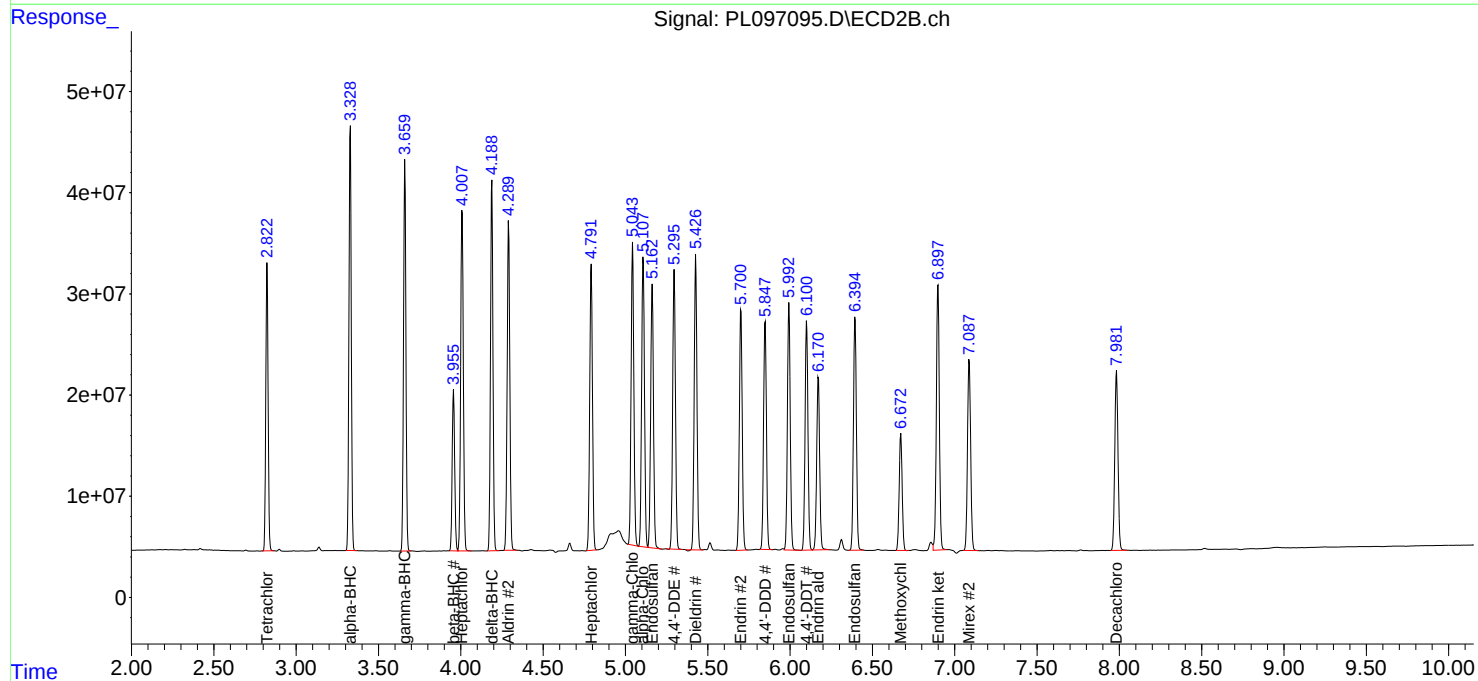
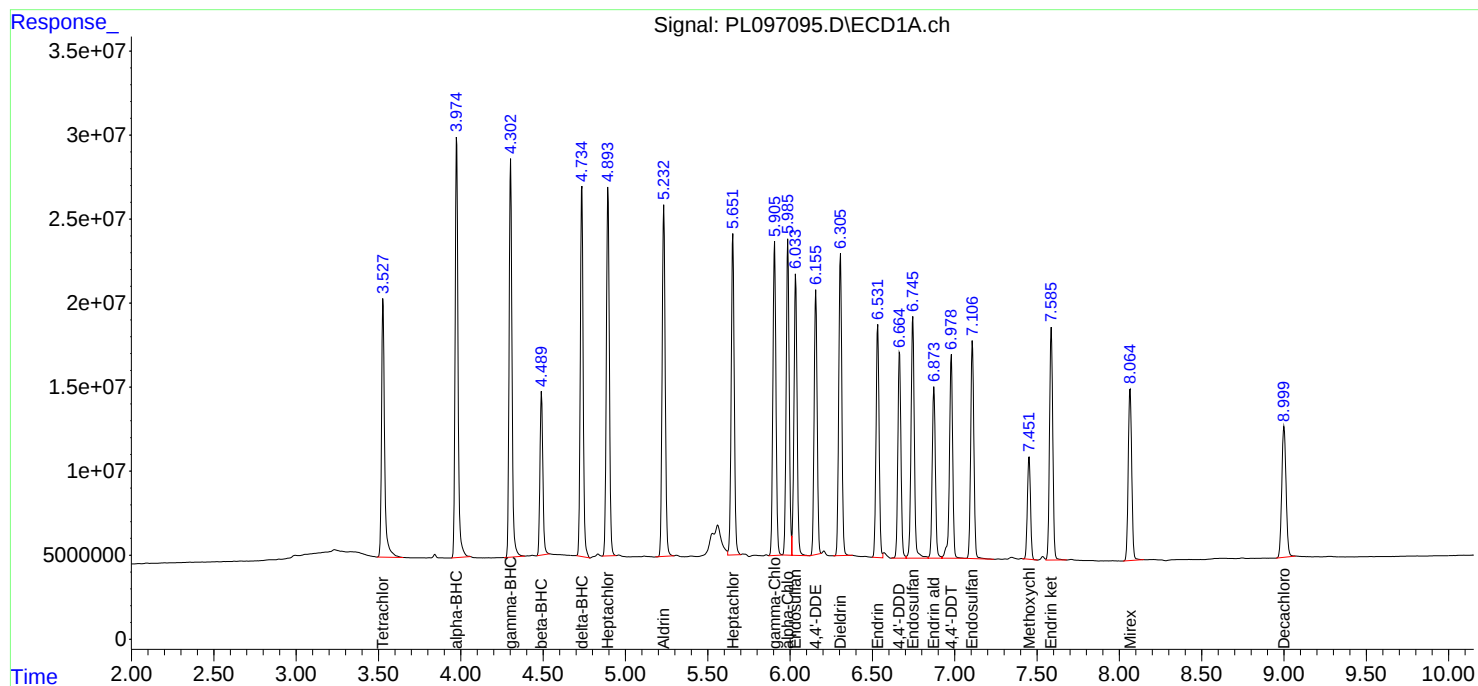
APPROVED

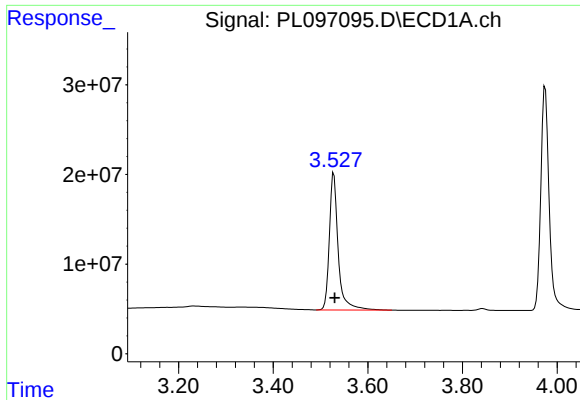
Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 05:38:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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.: 3.528 min
Delta R.T.: -0.002 min
Response: 198845147
Conc: 50.42 ng/ml

Instrument :

ECD_L

ClientSampleId :

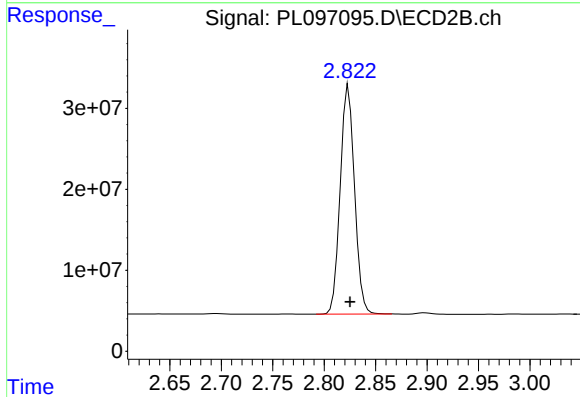
PSTDCCC050

Manual Integrations

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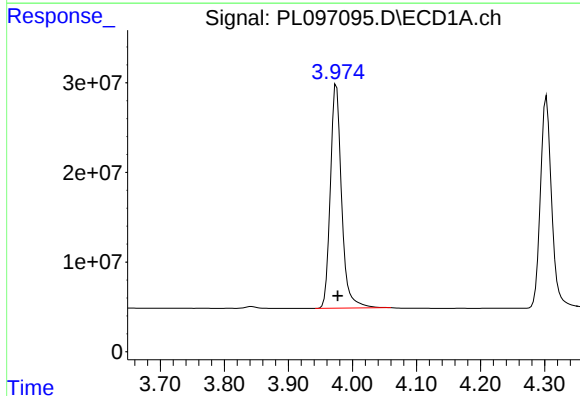
Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/12/2025



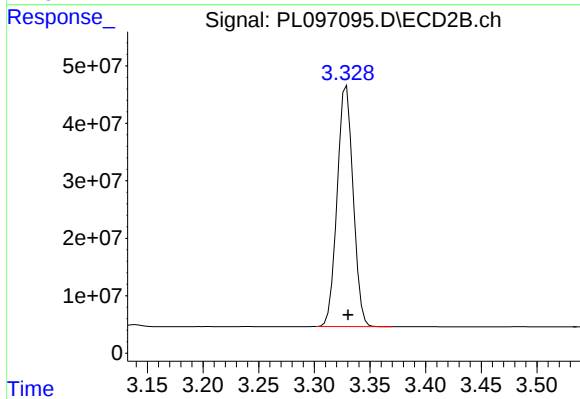
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.002 min
Response: 273382654
Conc: 48.50 ng/ml



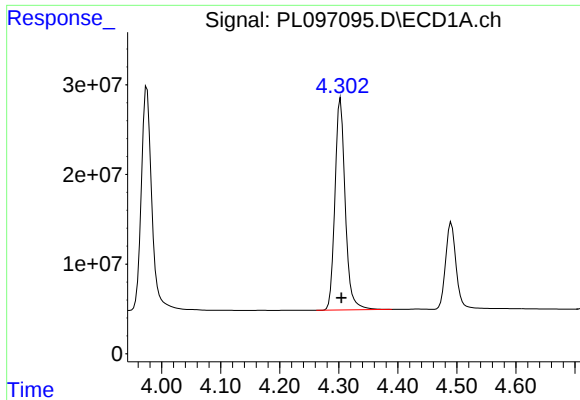
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 305032970
Conc: 52.65 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.001 min
Response: 418776172
Conc: 51.00 ng/ml



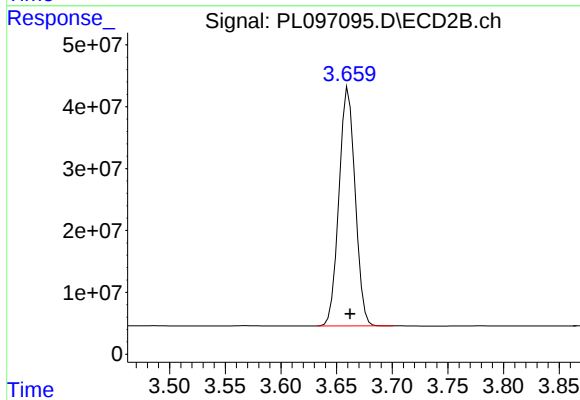
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 286288897
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

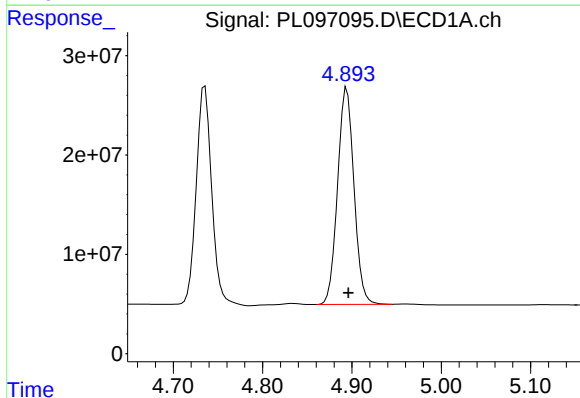
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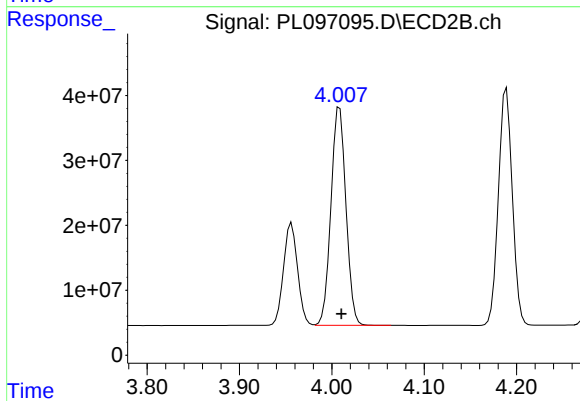
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 389547360
Conc: 52.88 ng/ml



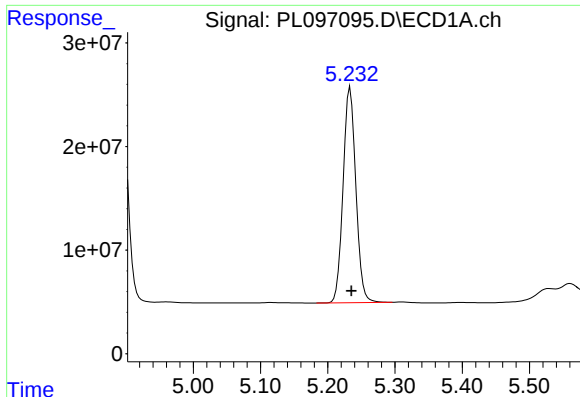
#4 Heptachlor

R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 278104600
Conc: 52.15 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 379163592
Conc: 50.39 ng/ml



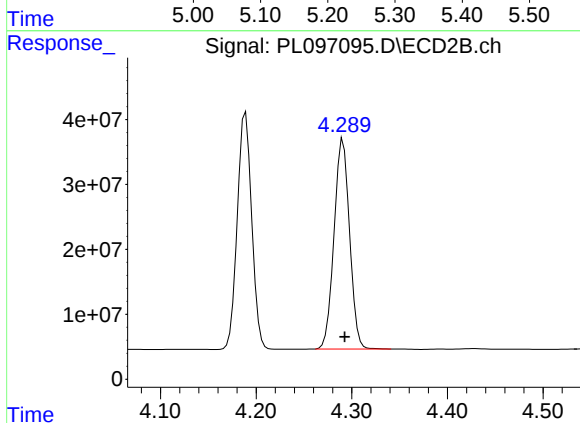
#5 Aldrin

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 273659825
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

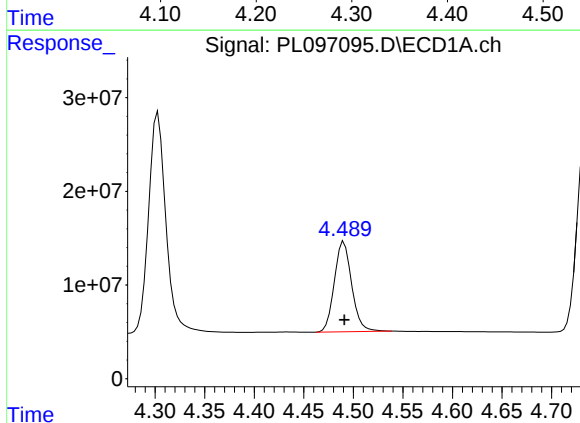
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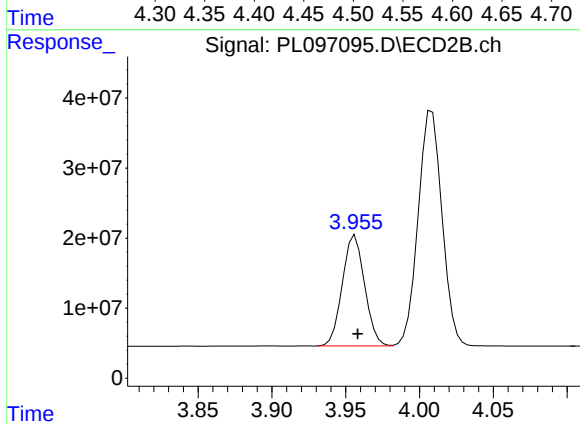
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 364157273
Conc: 51.78 ng/ml



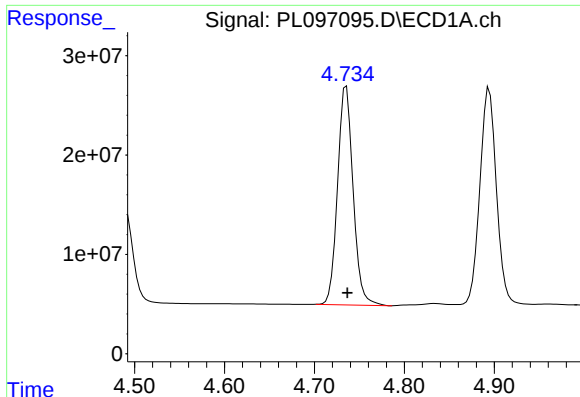
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 117477009
Conc: 51.37 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 166506875
Conc: 51.04 ng/ml



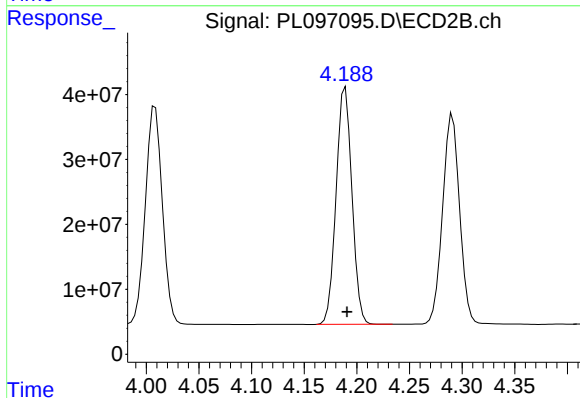
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.001 min
Response: 264534625
Conc: 58.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

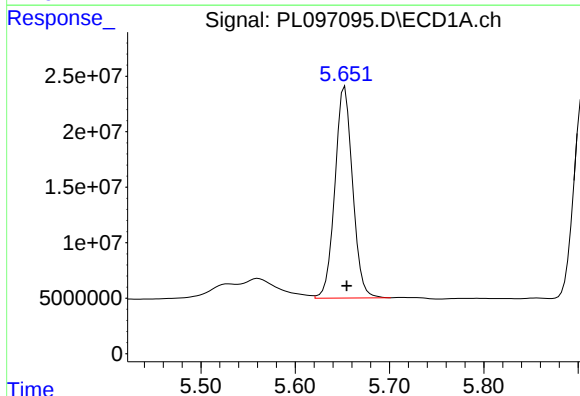
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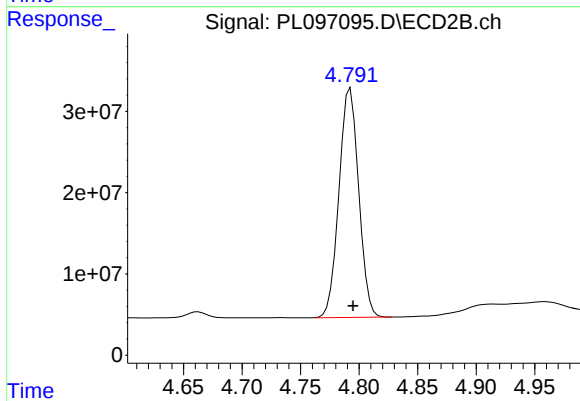
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 382115847
Conc: 52.00 ng/ml



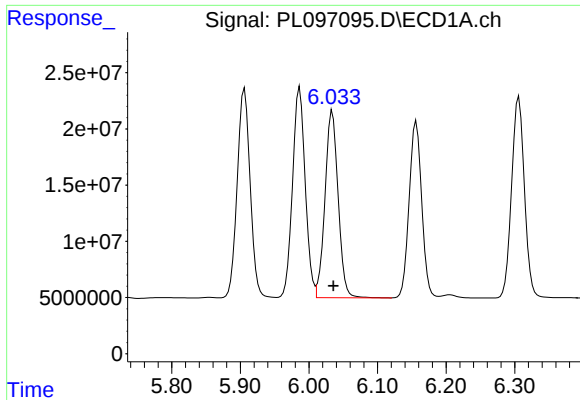
#8 Heptachlor epoxide

R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 248367366
Conc: 48.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 330227849
Conc: 52.21 ng/ml



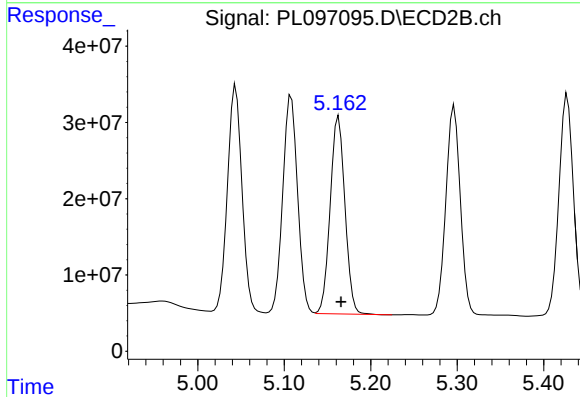
#9 Endosulfan I

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 221108497
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

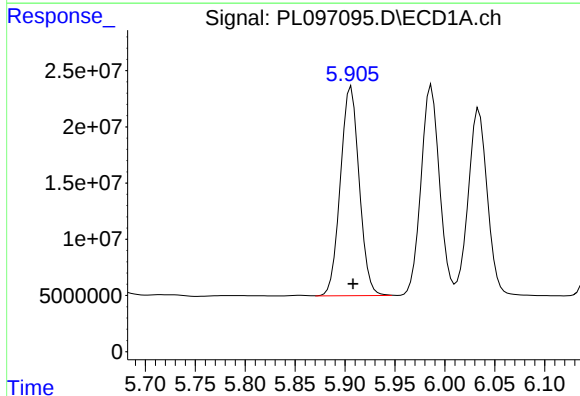
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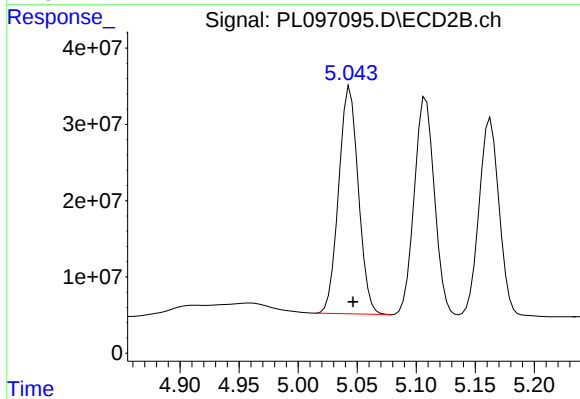
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 307014064
Conc: 51.24 ng/ml



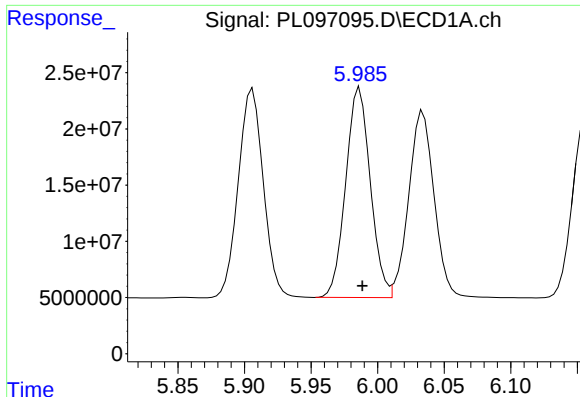
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 243944825
Conc: 52.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 345865216
Conc: 52.32 ng/ml



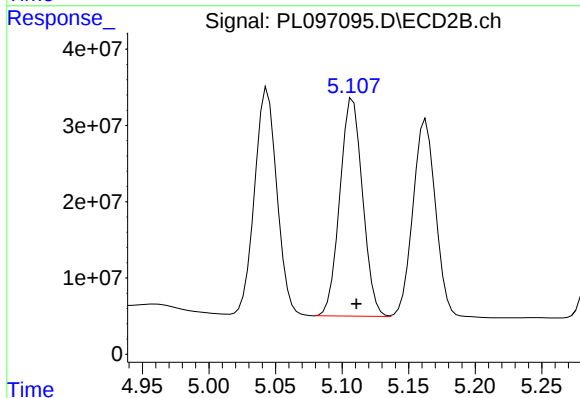
#11 alpha-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 240316772
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

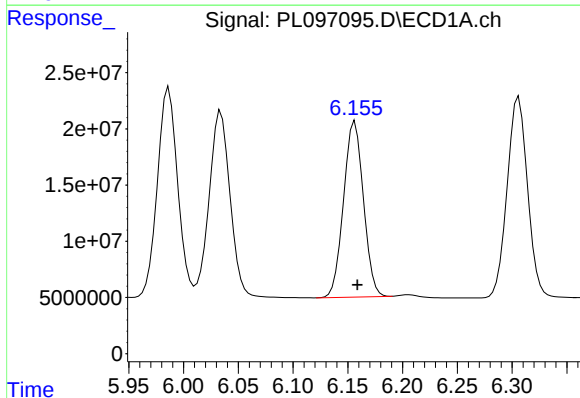
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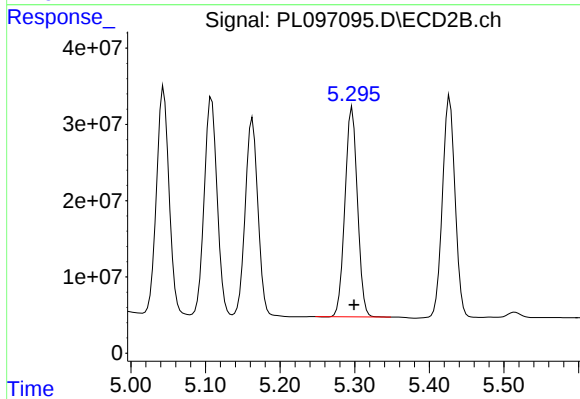
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.002 min
Response: 339981240
Conc: 52.07 ng/ml



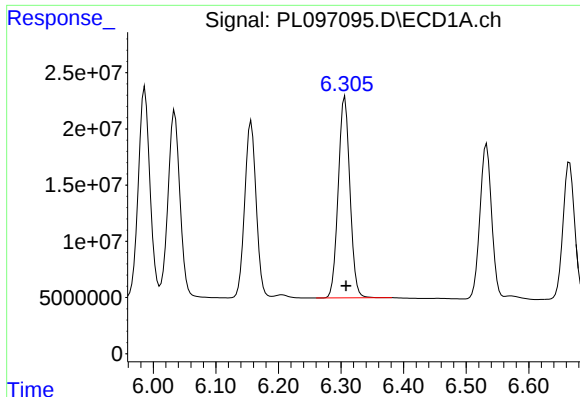
#12 4,4'-DDE

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 197313744
Conc: 49.45 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.002 min
Response: 318904529
Conc: 51.81 ng/ml



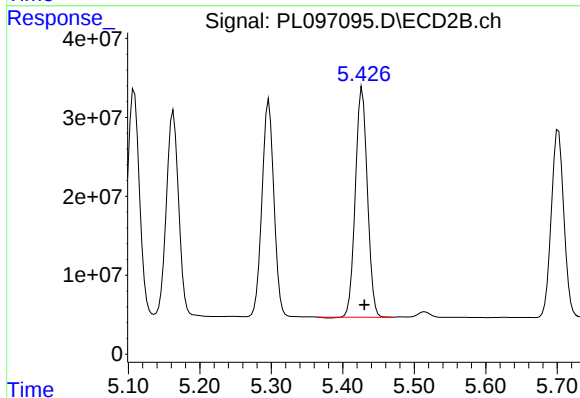
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 232751699
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

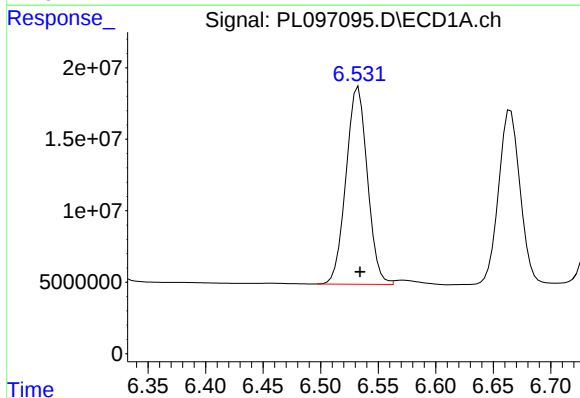
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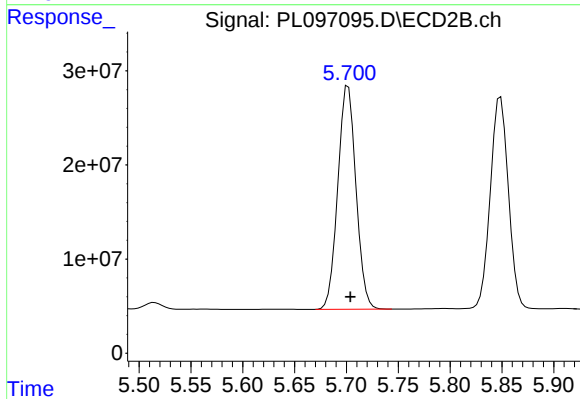
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 339651512
Conc: 51.83 ng/ml



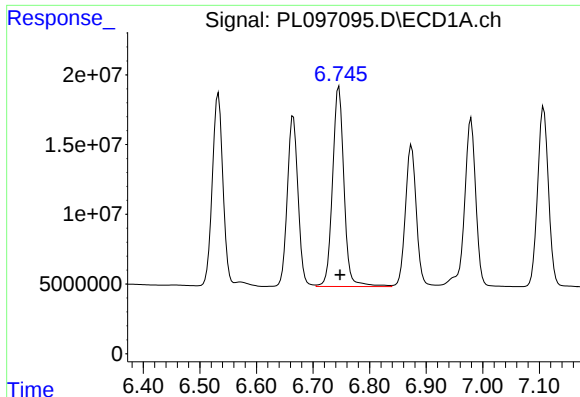
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 179194935
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 289730672
Conc: 49.05 ng/ml



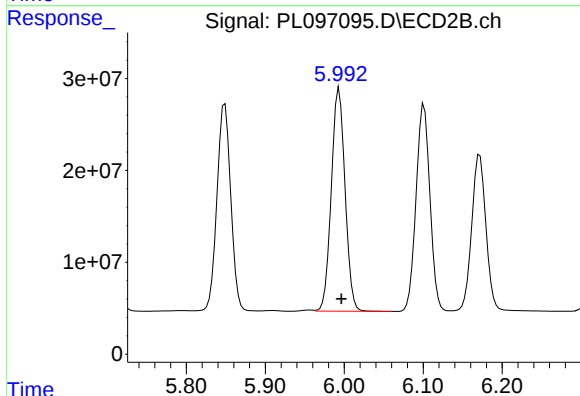
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 201848023
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

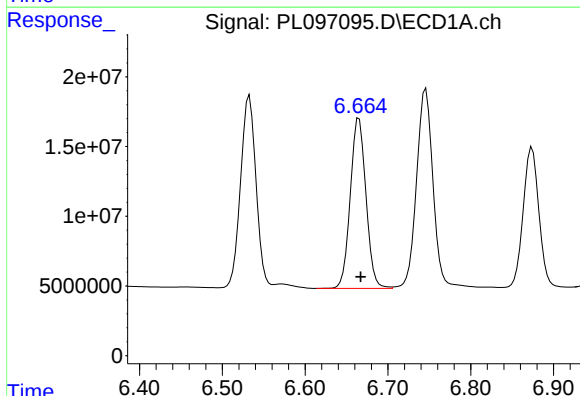
Manual Integrations
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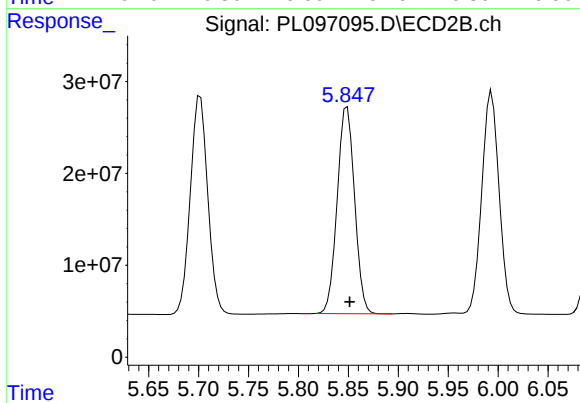
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 293551160
Conc: 51.33 ng/ml



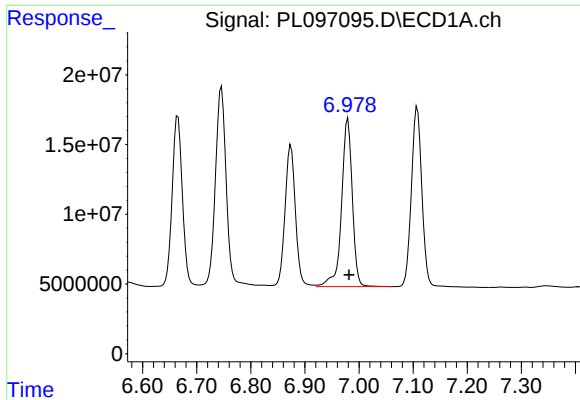
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 160921458
Conc: 50.99 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.003 min
Response: 272546035
Conc: 52.19 ng/ml



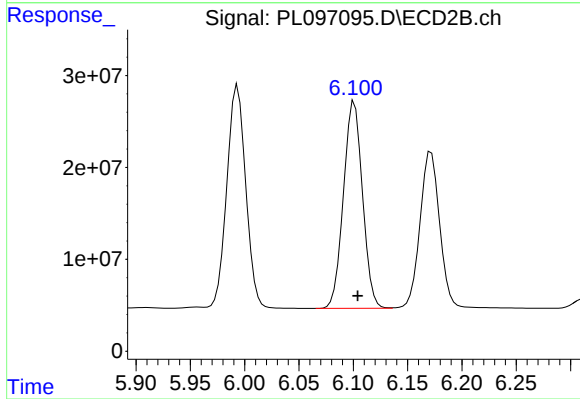
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 166651544
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

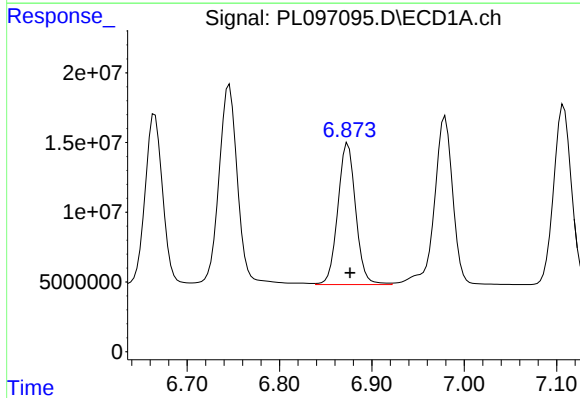
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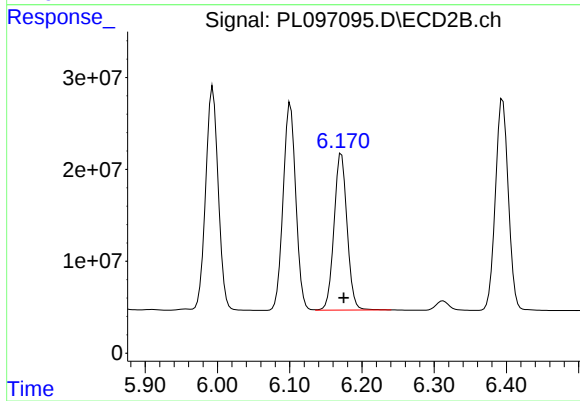
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 274954929
Conc: 50.20 ng/ml



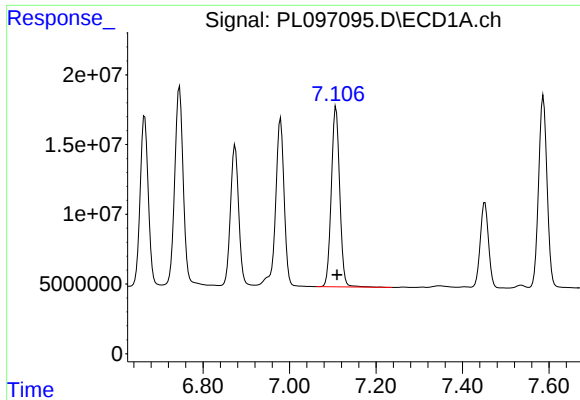
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 136142719
Conc: 52.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 214292425
Conc: 51.70 ng/ml



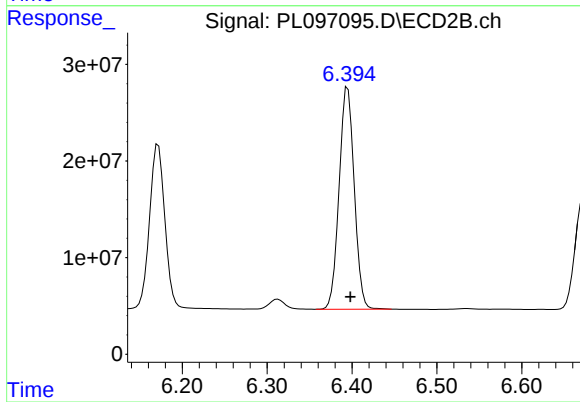
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: -0.002 min
Response: 174337042
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

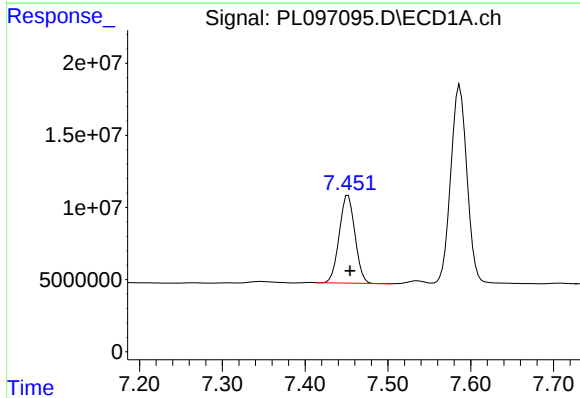
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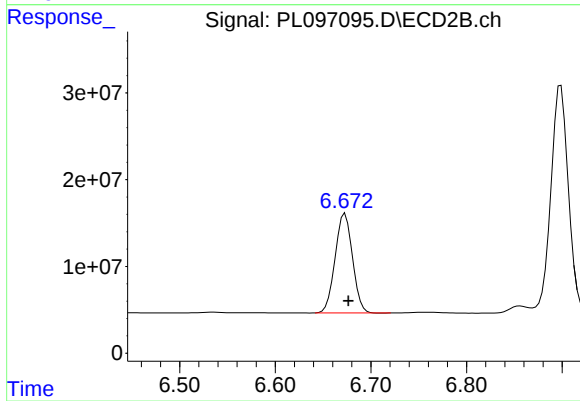
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 284519026
Conc: 50.78 ng/ml



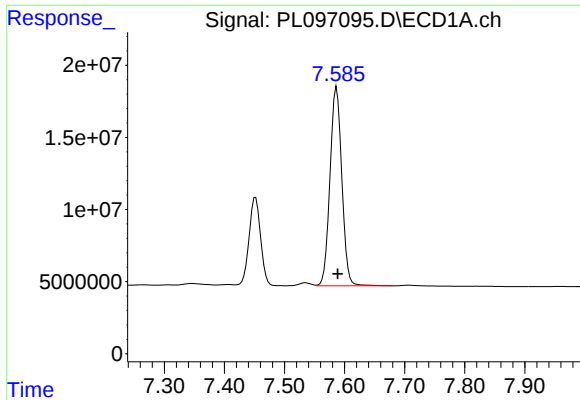
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 80093398
Conc: 46.15 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 144679454
Conc: 48.23 ng/ml



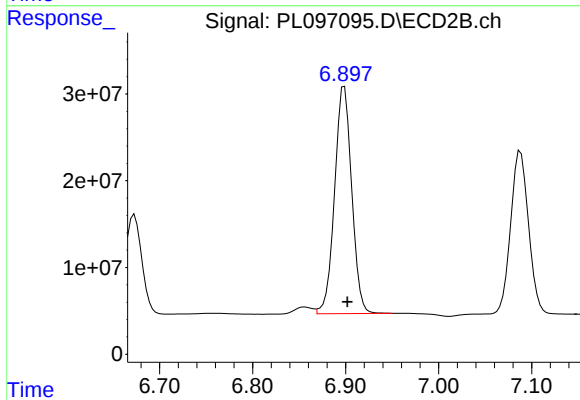
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 188570848
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

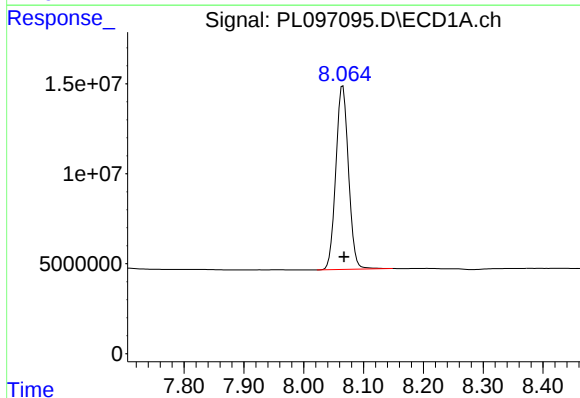
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



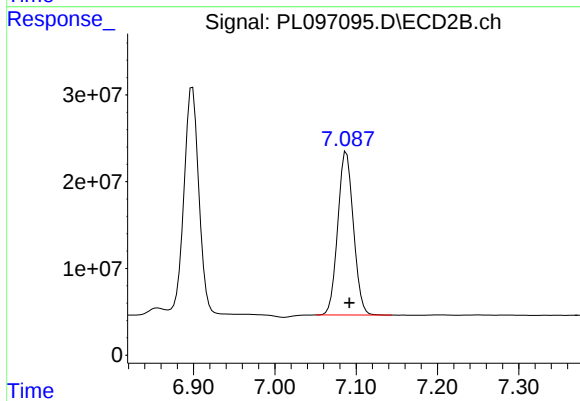
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 335306137
Conc: 53.57 ng/ml



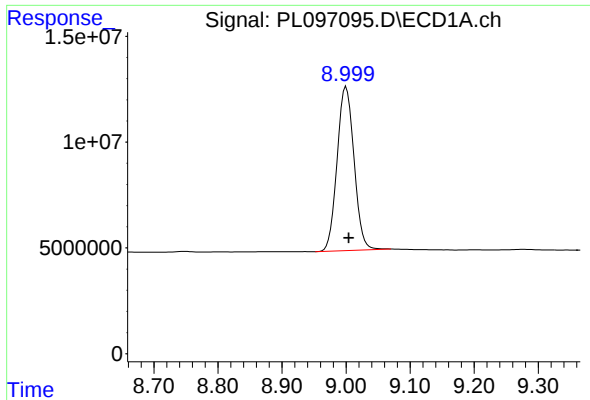
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 150688027
Conc: 50.37 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 251292764
Conc: 51.74 ng/ml



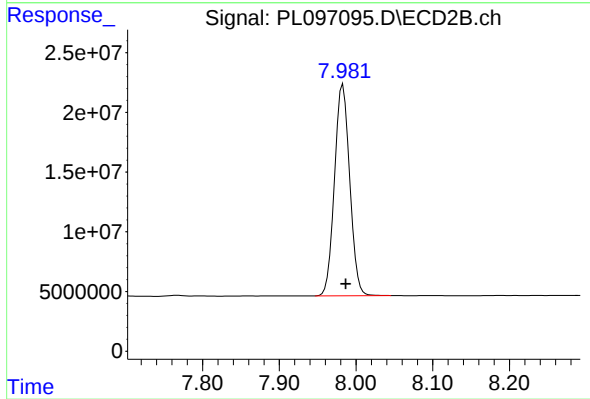
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 142411700
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/12/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 243849829
Conc: 50.85 ng/ml