

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 22:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/01/2025
 Supervised By : mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 08:23:52 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	2.824	216.5E6	303.1E6	47.814	46.088
28)	SA Decachlor...	8.997	7.982	158.9E6	232.6E6	48.546	40.865
Target Compounds							
2)	A alpha-BHC	3.973	3.328	366.4E6	518.9E6	52.431	52.110
3)	MA gamma-BHC...	4.301	3.660	343.3E6	474.2E6	51.915	50.913
4)	MA Heptachlor	4.892	4.008	326.1E6	451.8E6	48.897	48.556
5)	MB Aldrin	5.230	4.290	324.3E6	445.8E6	51.202	51.358
6)	B beta-BHC	4.489	3.956	140.5E6	194.8E6	51.551	47.957
7)	B delta-BHC	4.732	4.188	328.2E6	462.5E6	54.079m	50.319
8)	B Heptachlo...	5.648	4.792	302.9E6	408.0E6	52.705m	51.436
9)	A Endosulfan I	6.031	5.162	279.6E6	356.6E6	53.967	46.406
10)	B gamma-Chl...	5.903	5.043	294.2E6	444.9E6	52.035m	50.941
11)	B alpha-Chl...	5.984	5.107	306.8E6	425.8E6	54.011	51.298
12)	B 4,4'-DDE	6.155	5.295	256.8E6	384.4E6	53.893	50.017
13)	MA Dieldrin	6.304	5.426	288.3E6	433.2E6	52.582	52.977
14)	MA Endrin	6.530	5.702	247.2E6	450.3E6	53.594	59.959
15)	B Endosulfa...	6.742	5.992	240.5E6	353.7E6	48.900m	49.749
16)	A 4,4'-DDD	6.662	5.848	214.3E6	331.8E6	56.826m	51.442
17)	MA 4,4'-DDT	6.977	6.100	212.5E6	296.2E6	50.269	42.802
18)	B Endrin al...	6.871	6.171	175.3E6	256.1E6	56.855m	47.991
19)	B Endosulfa...	7.106	6.394	218.5E6	332.3E6	53.519	48.516
20)	A Methoxychlor	7.450	6.672	98956405	157.3E6	47.453	41.724
21)	B Endrin ke...	7.585	6.898	232.0E6	393.6E6	54.651	52.264
22)	Mirex	8.063	7.088	162.2E6	253.0E6	45.698	42.322

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 22:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

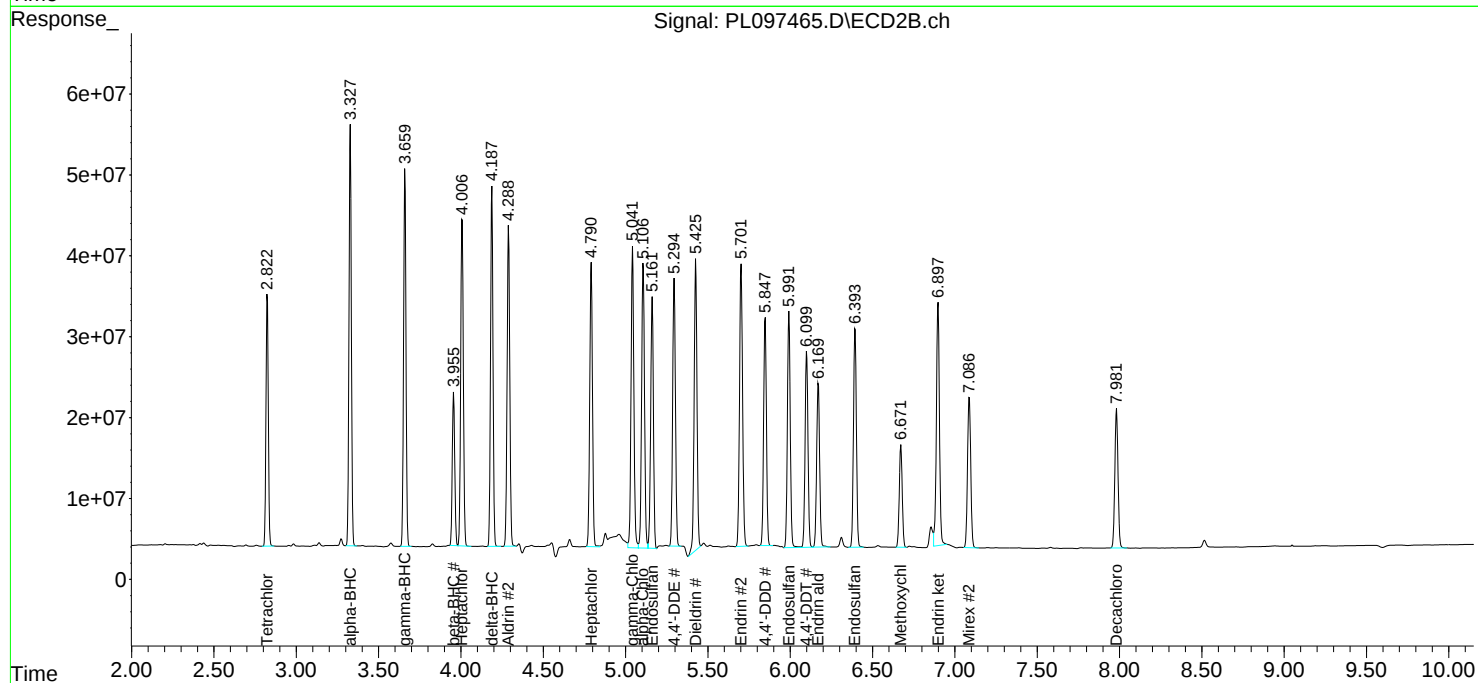
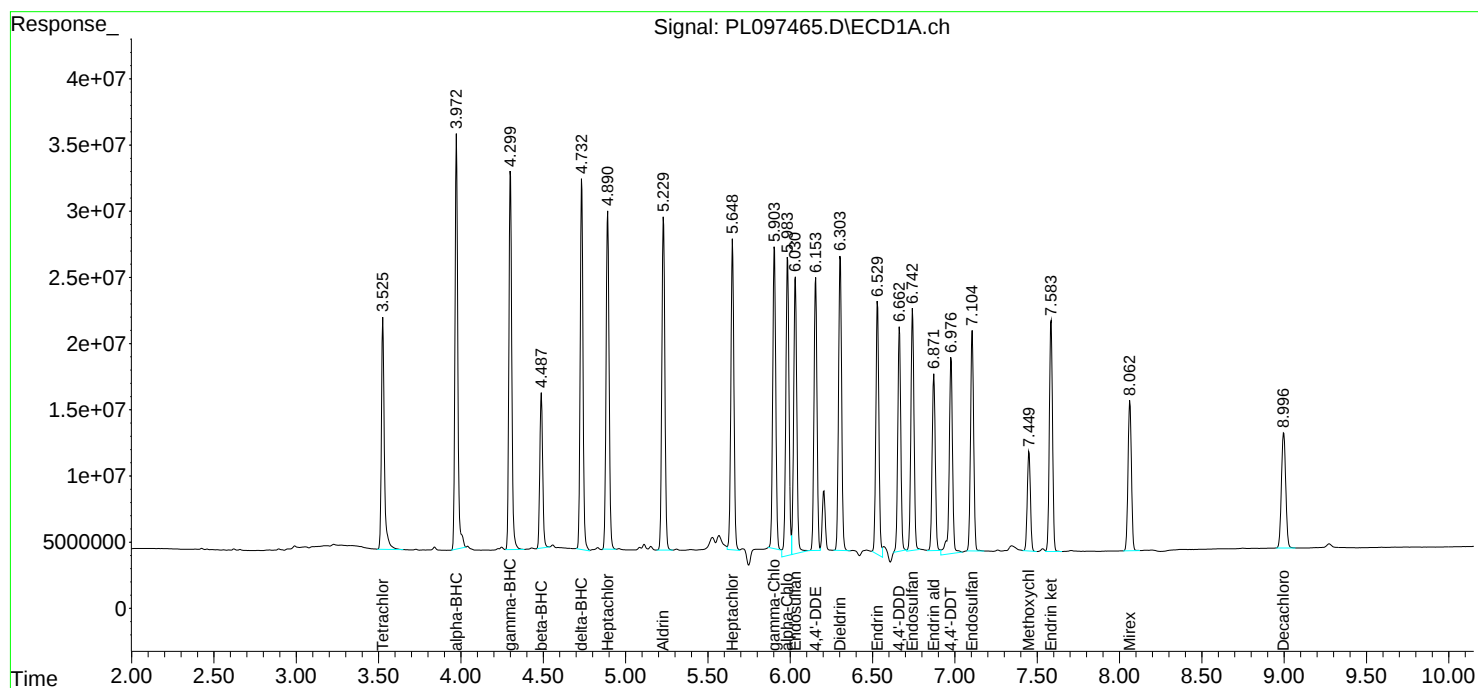
APPROVED

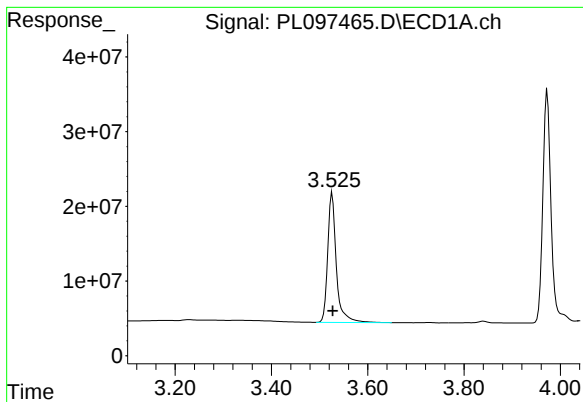
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 08:23:52 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





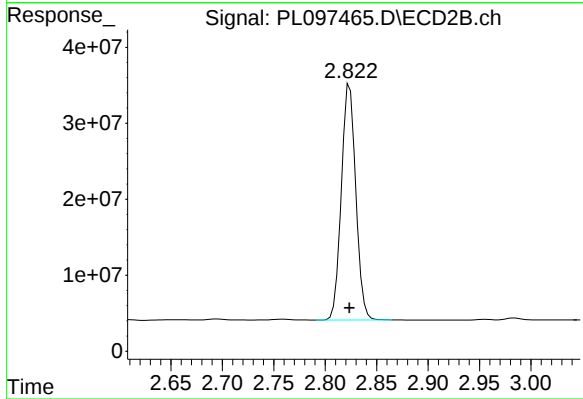
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 216463614
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

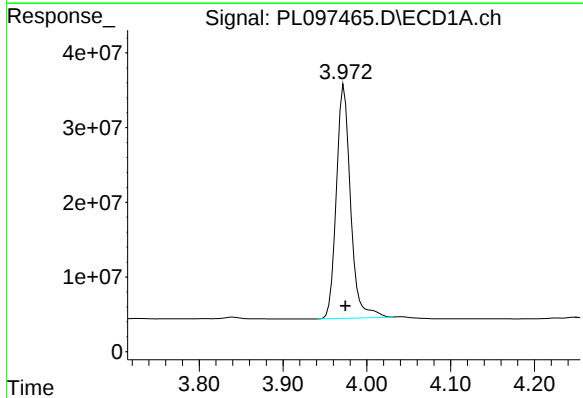
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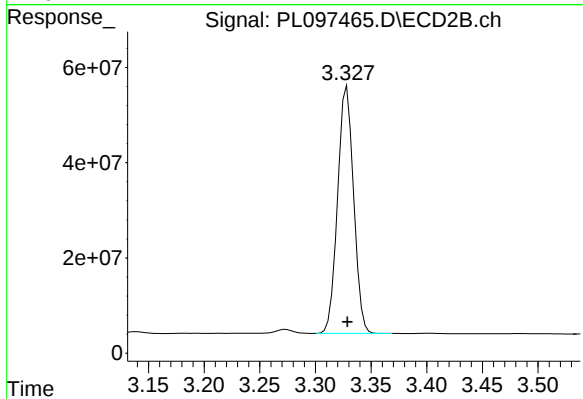
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 303055154
Conc: 46.09 ng/ml



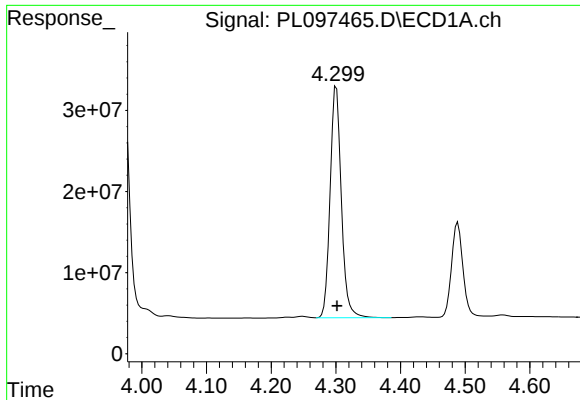
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 366357130
Conc: 52.43 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 518894063
Conc: 52.11 ng/ml



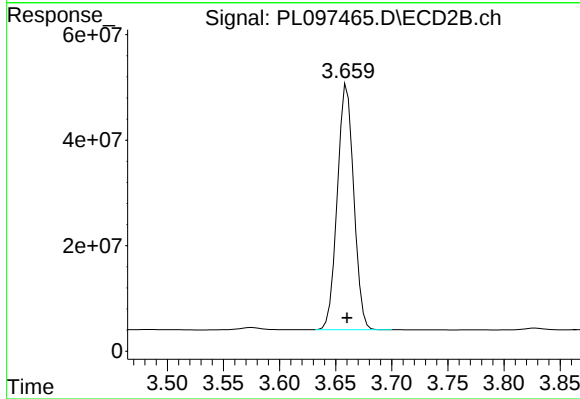
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.001 min
Response: 343320711
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

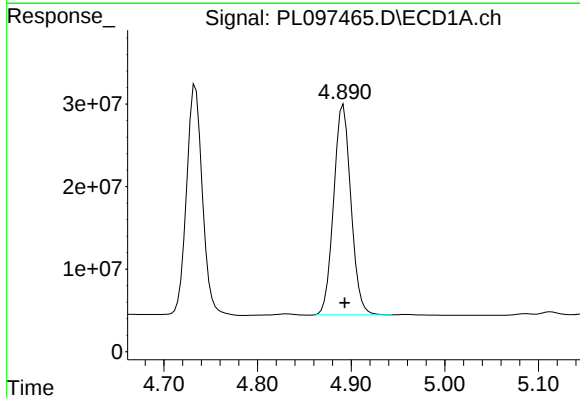
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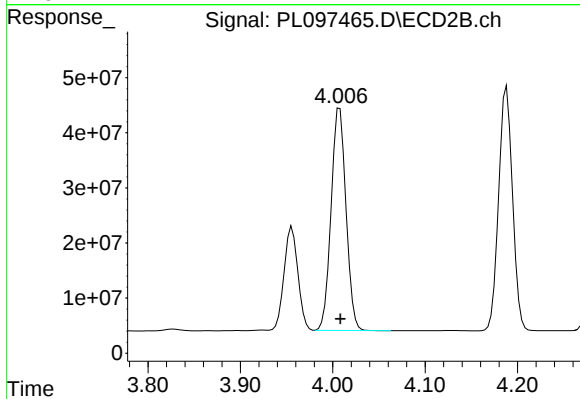
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 474236067
Conc: 50.91 ng/ml



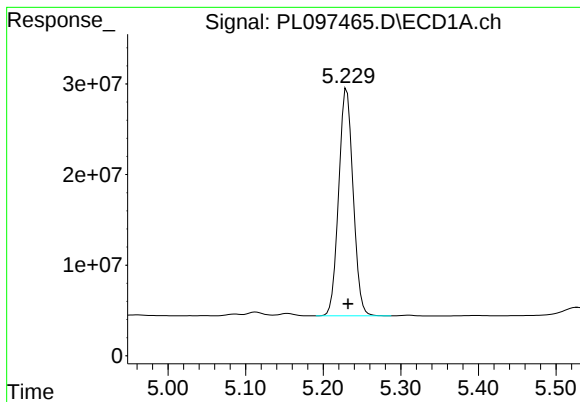
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 326145206
Conc: 48.90 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 451823075
Conc: 48.56 ng/ml



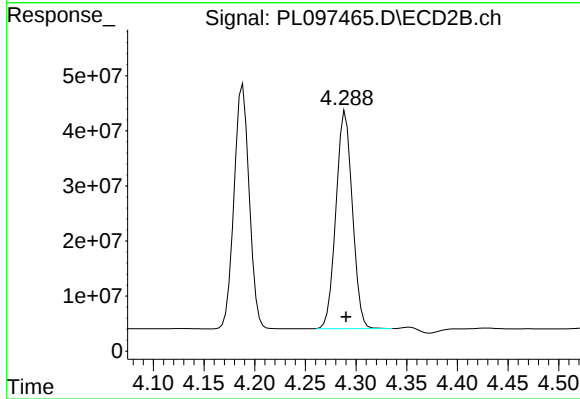
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 324309474
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

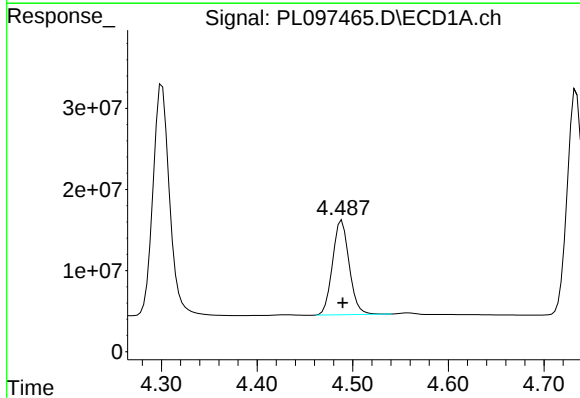
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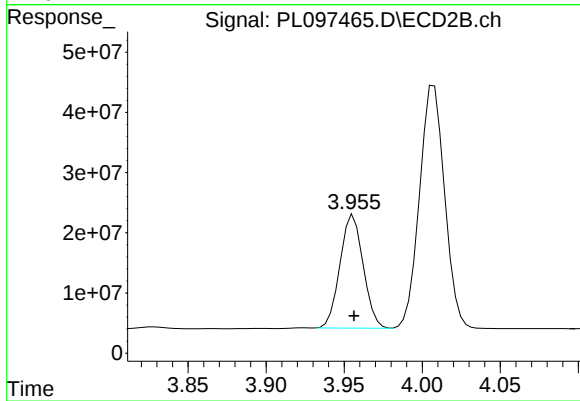
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 445750304
Conc: 51.36 ng/ml



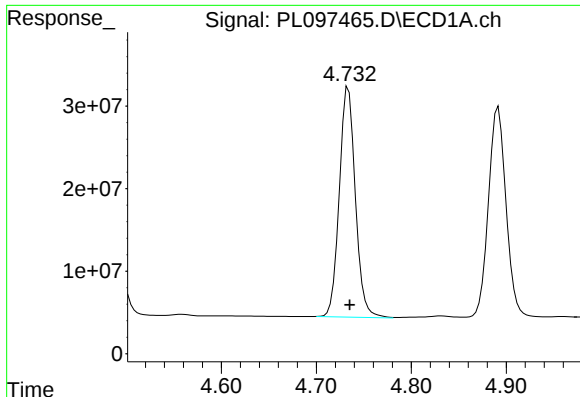
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 140536543
Conc: 51.55 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 194804289
Conc: 47.96 ng/ml



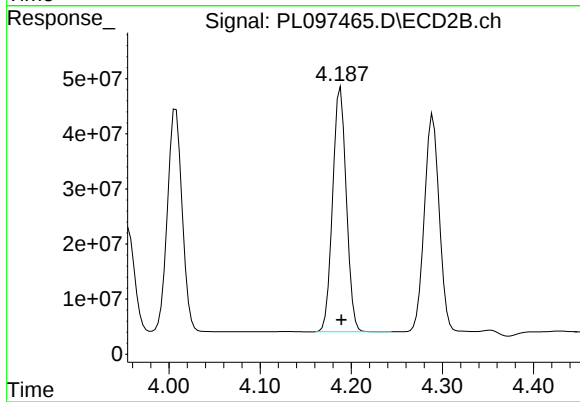
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 328171627
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

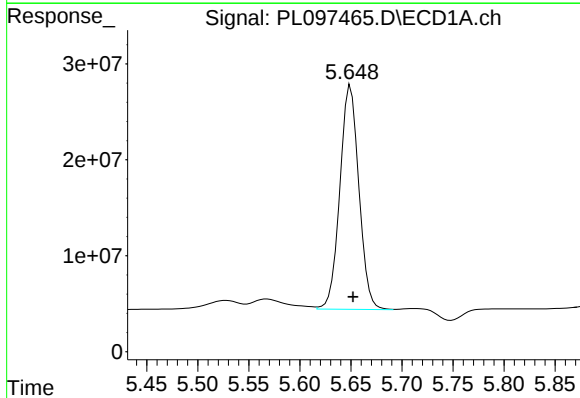
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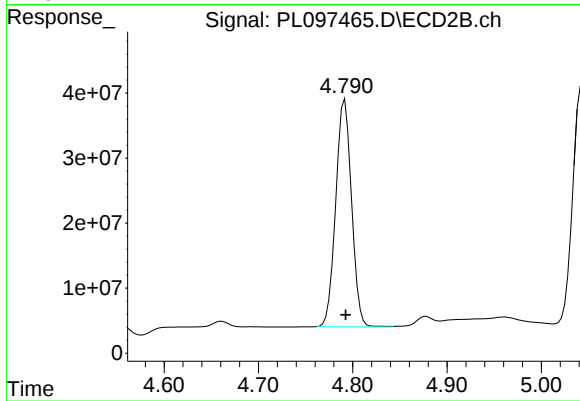
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 462546744
Conc: 50.32 ng/ml



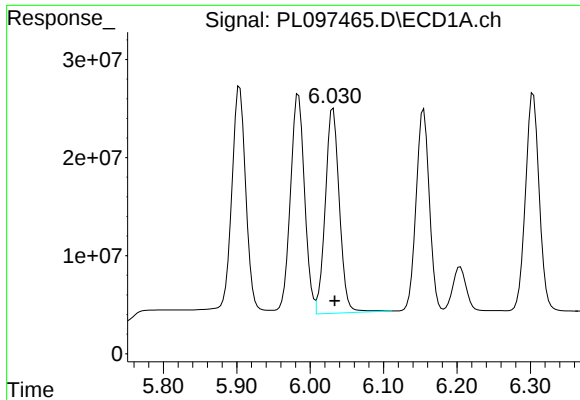
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 302893614
Conc: 52.71 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 407966226
Conc: 51.44 ng/ml



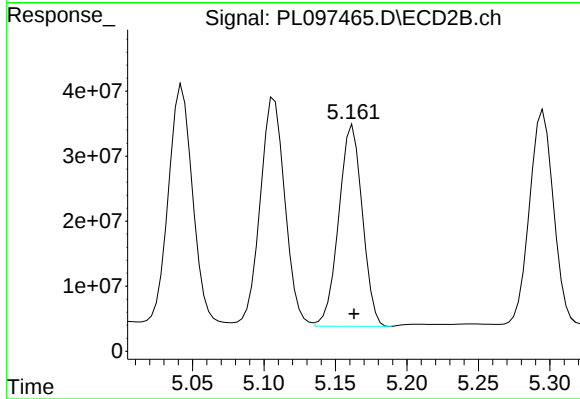
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 279620241
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

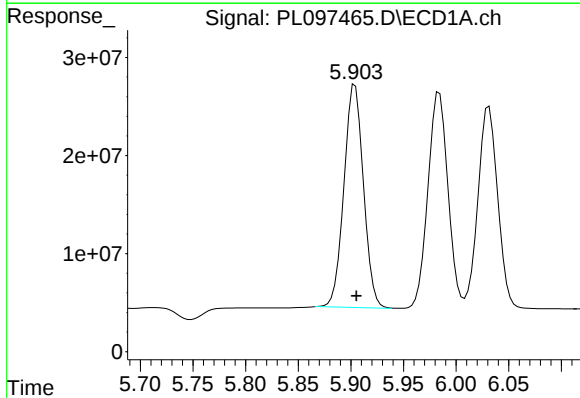
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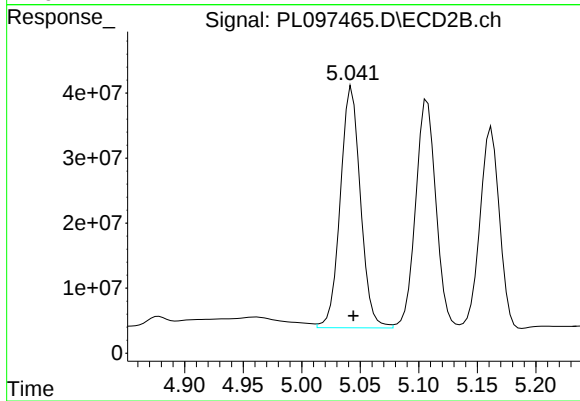
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 356567573
Conc: 46.41 ng/ml



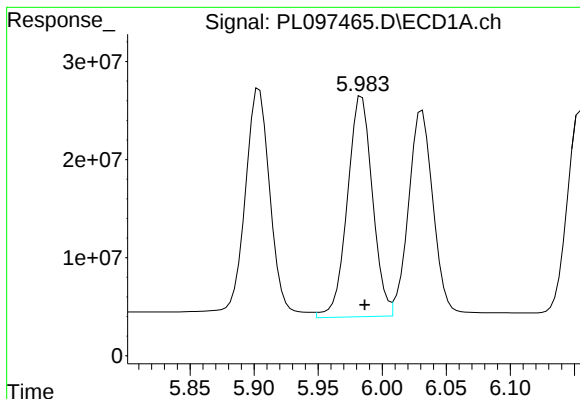
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 294180608
Conc: 52.03 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 444906802
Conc: 50.94 ng/ml



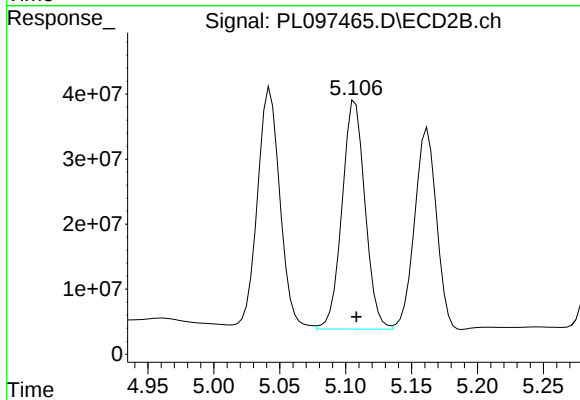
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 306776022
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

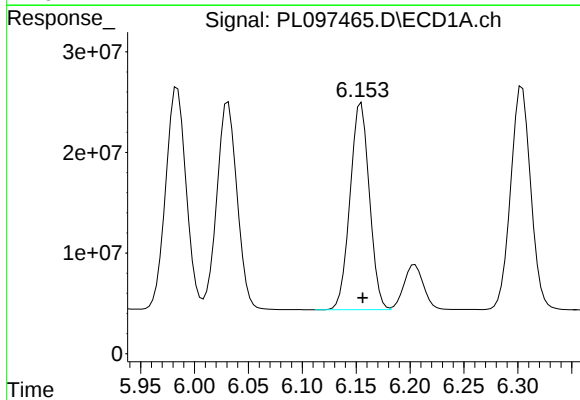
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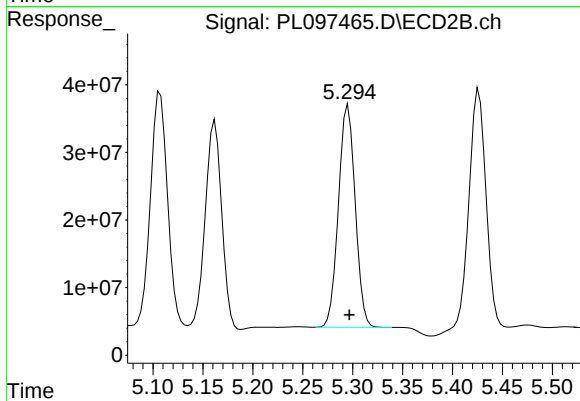
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 425799193
Conc: 51.30 ng/ml



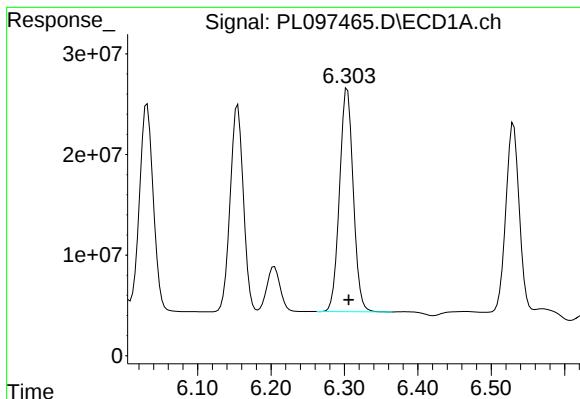
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 256782945
Conc: 53.89 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 384363371
Conc: 50.02 ng/ml



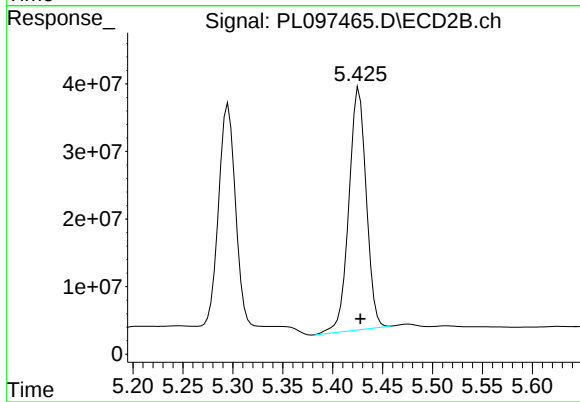
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 288262719
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

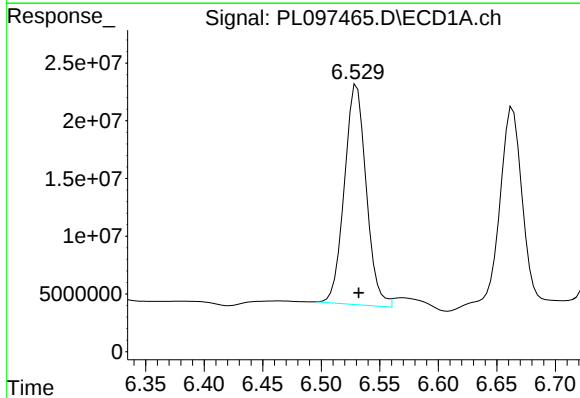
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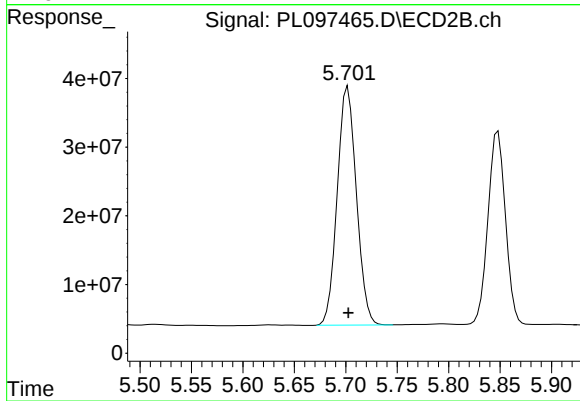
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.001 min
Response: 433182840
Conc: 52.98 ng/ml



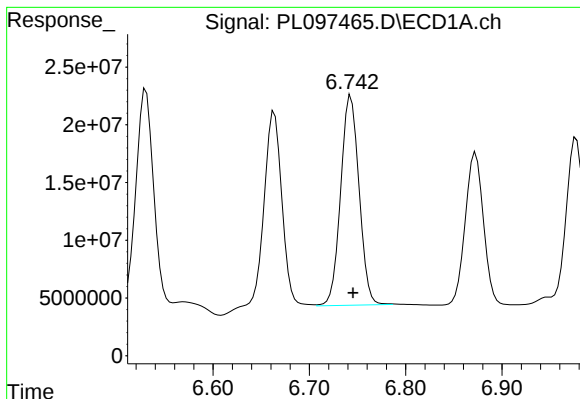
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 247238062
Conc: 53.59 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 450322032
Conc: 59.96 ng/ml



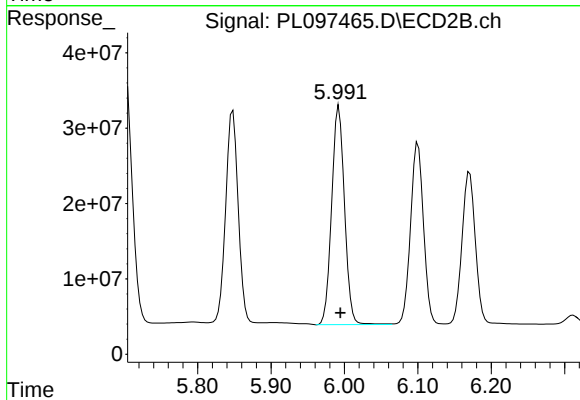
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.004 min
Response: 240506841
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

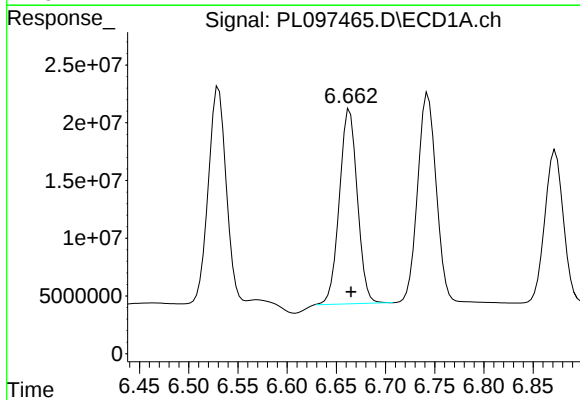
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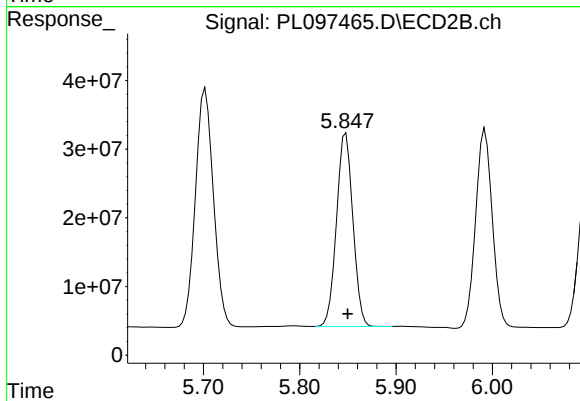
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 353678597
Conc: 49.75 ng/ml



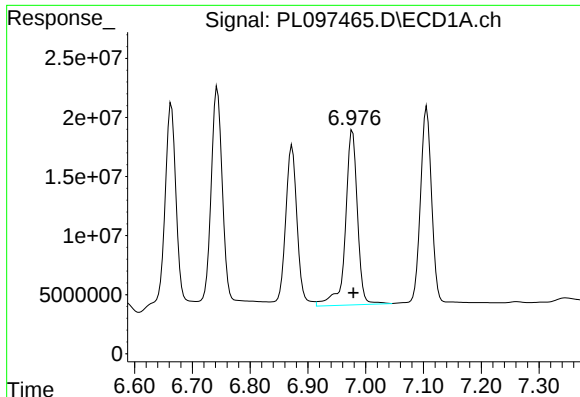
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 214266491
Conc: 56.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 331750824
Conc: 51.44 ng/ml



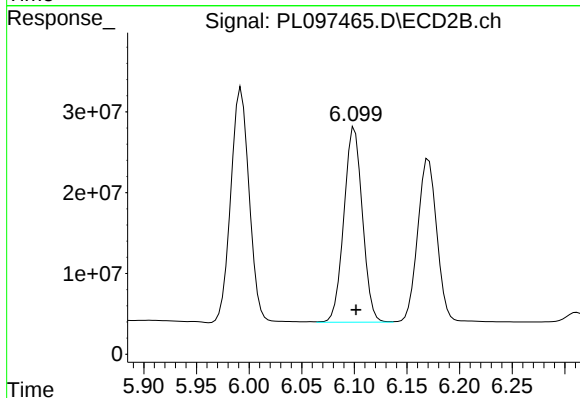
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 212497993
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

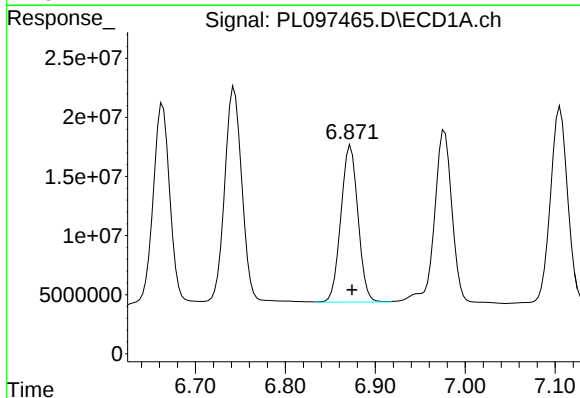
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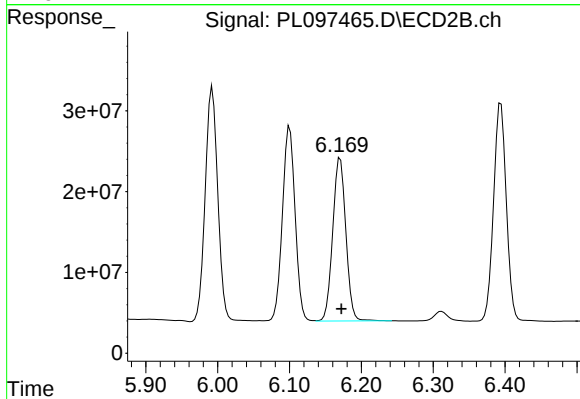
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 296212726
Conc: 42.80 ng/ml



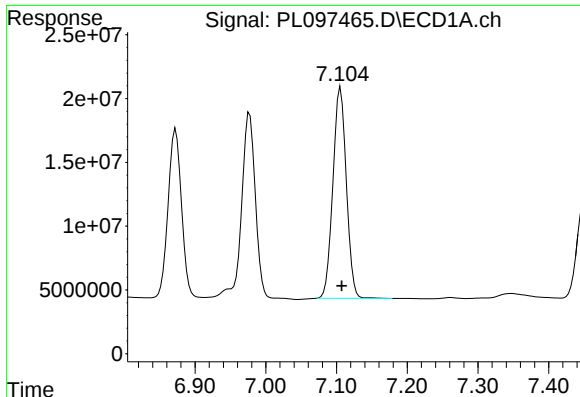
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 175274409
Conc: 56.86 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.002 min
Response: 256148852
Conc: 47.99 ng/ml



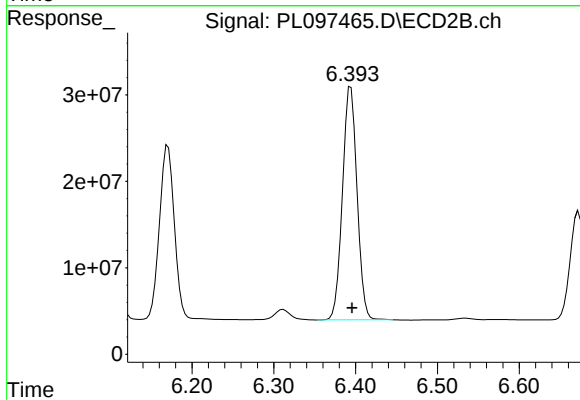
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 218502146
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

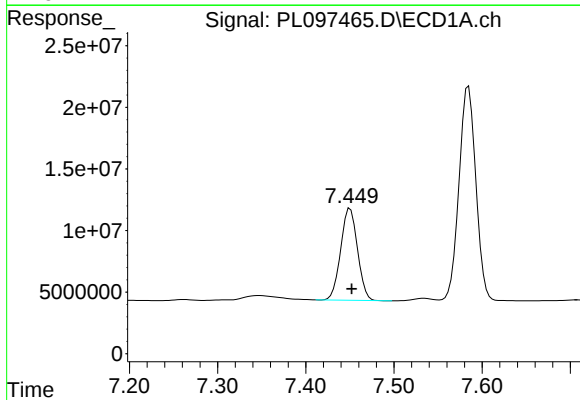
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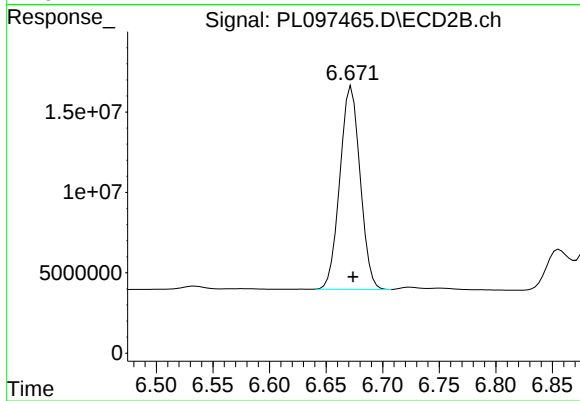
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 332324068
Conc: 48.52 ng/ml



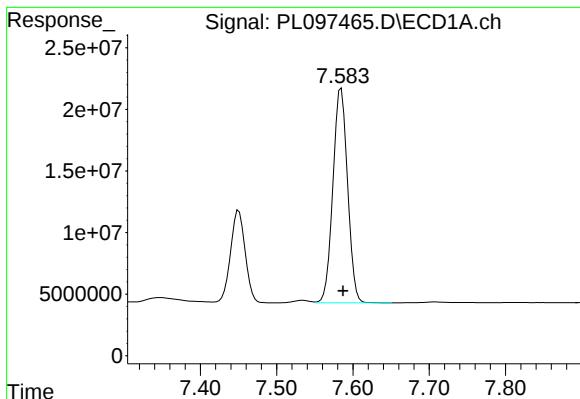
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 98956405
Conc: 47.45 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.001 min
Response: 157276501
Conc: 41.72 ng/ml



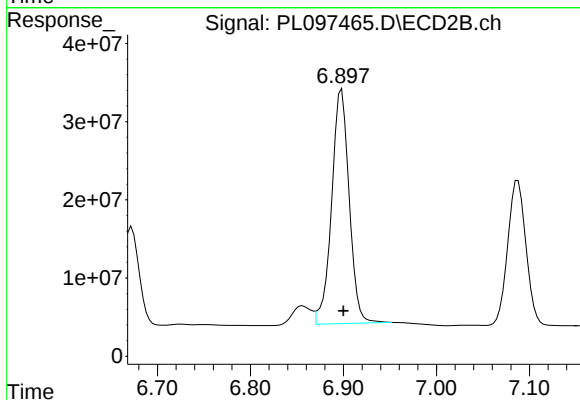
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 231957353
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

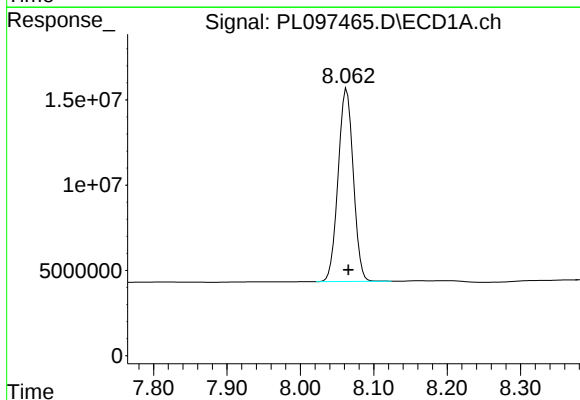
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



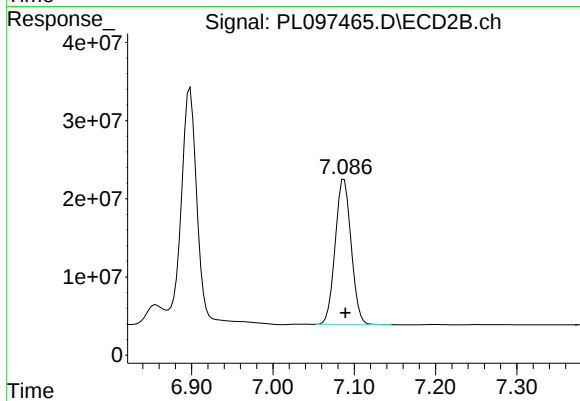
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 393563698
Conc: 52.26 ng/ml



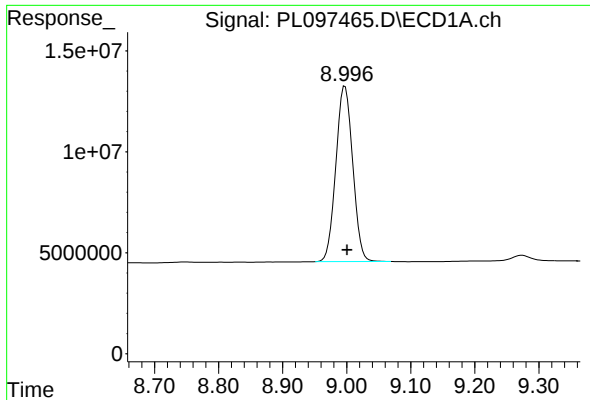
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 162240682
Conc: 45.70 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 253031911
Conc: 42.32 ng/ml



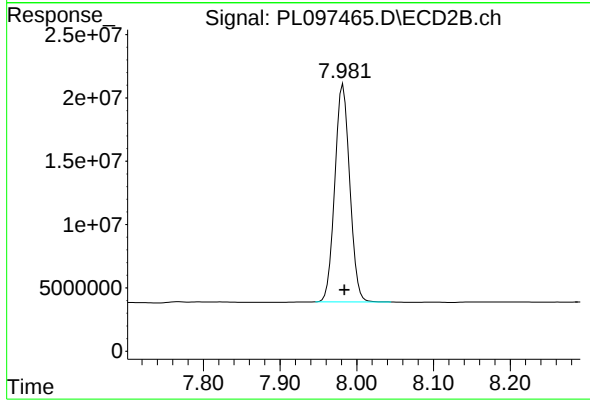
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 158851058
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 232587328
Conc: 40.87 ng/ml