

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
 Data File : PL097856.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 17:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:02:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.496	2.799	259.9E6	372.8E6	51.500	53.373
28)	SA Decachlor...	8.956	7.946	190.0E6	335.8E6	50.003	51.070
Target Compounds							
2)	A alpha-BHC	3.942	3.301	439.2E6	630.2E6	51.933	54.926
3)	MA gamma-BHC...	4.271	3.631	427.5E6	584.6E6	53.333	54.351
4)	MA Heptachlor	4.860	3.977	399.4E6	535.0E6	50.157	51.469
5)	MB Aldrin	5.198	4.258	395.4E6	534.4E6	54.579	54.035
6)	B beta-BHC	4.460	3.928	166.6E6	247.6E6	49.755	53.411
7)	B delta-BHC	4.704	4.159	416.3E6	589.3E6	53.754m	55.139
8)	B Heptachlo...	5.619	4.759	362.7E6	483.3E6	54.512	53.678
9)	A Endosulfan I	5.999	5.129	315.5E6	476.0E6	53.590	46.724
10)	B gamma-Chl...	5.872	5.010	331.9E6	553.1E6	51.133	54.302
11)	B alpha-Chl...	5.952	5.074	343.7E6	524.6E6	52.934	51.157
12)	B 4,4'-DDE	6.123	5.263	314.6E6	485.2E6	53.569	55.074
13)	MA Dieldrin	6.271	5.393	328.1E6	510.8E6	53.468	54.515
14)	MA Endrin	6.498	5.667	273.3E6	442.5E6	52.765	52.954
15)	B Endosulfa...	6.712	5.959	288.9E6	443.8E6	56.529	53.619
16)	A 4,4'-DDD	6.633	5.816	254.6E6	412.2E6	54.958	54.946
17)	MA 4,4'-DDT	6.946	6.067	251.2E6	384.5E6	52.441	50.129
18)	B Endrin al...	6.841	6.137	216.1E6	332.0E6	54.834	52.003
19)	B Endosulfa...	7.074	6.361	262.1E6	438.1E6	52.880	53.819
20)	A Methoxychlor	7.418	6.638	128.9E6	203.1E6	51.218m	48.590
21)	B Endrin ke...	7.552	6.863	262.7E6	487.2E6	50.545	54.611
22)	Mirex	8.028	7.051	183.0E6	336.2E6	53.048	52.076

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
Data File : PL097856.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 17:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

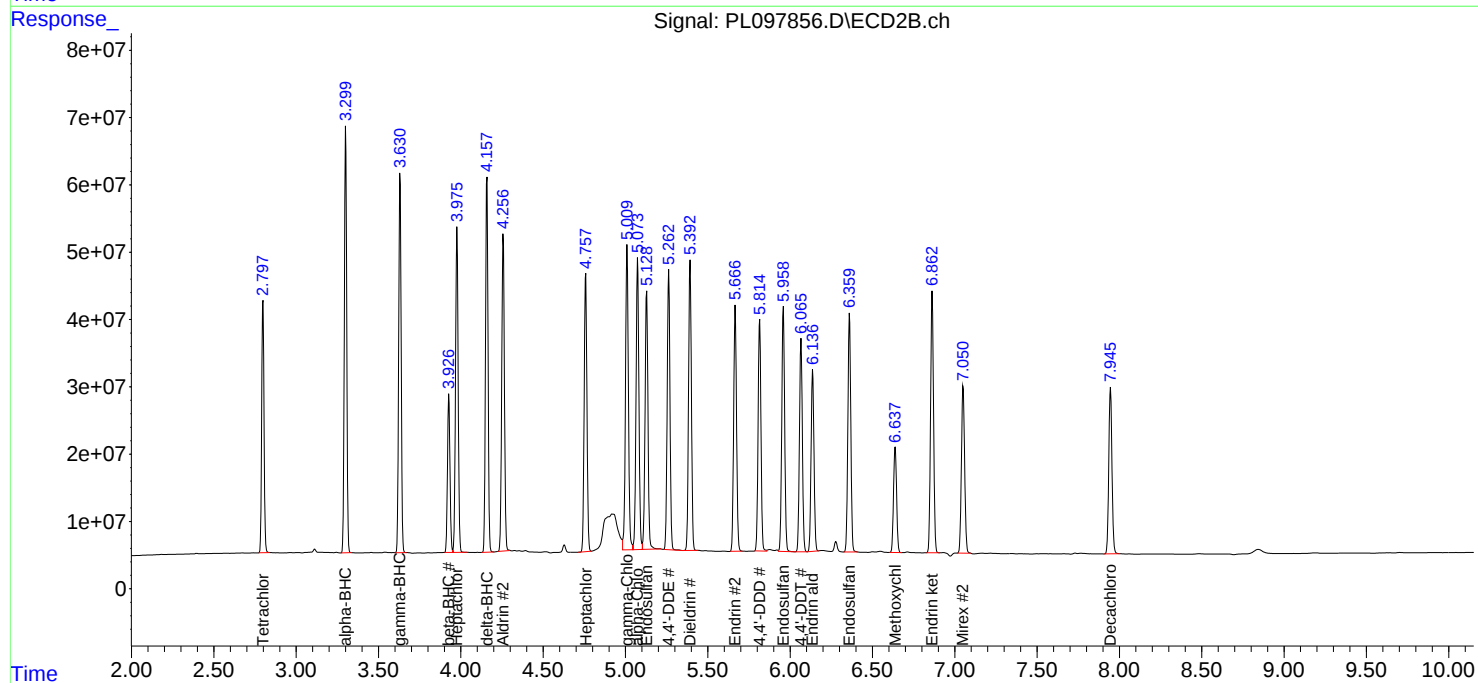
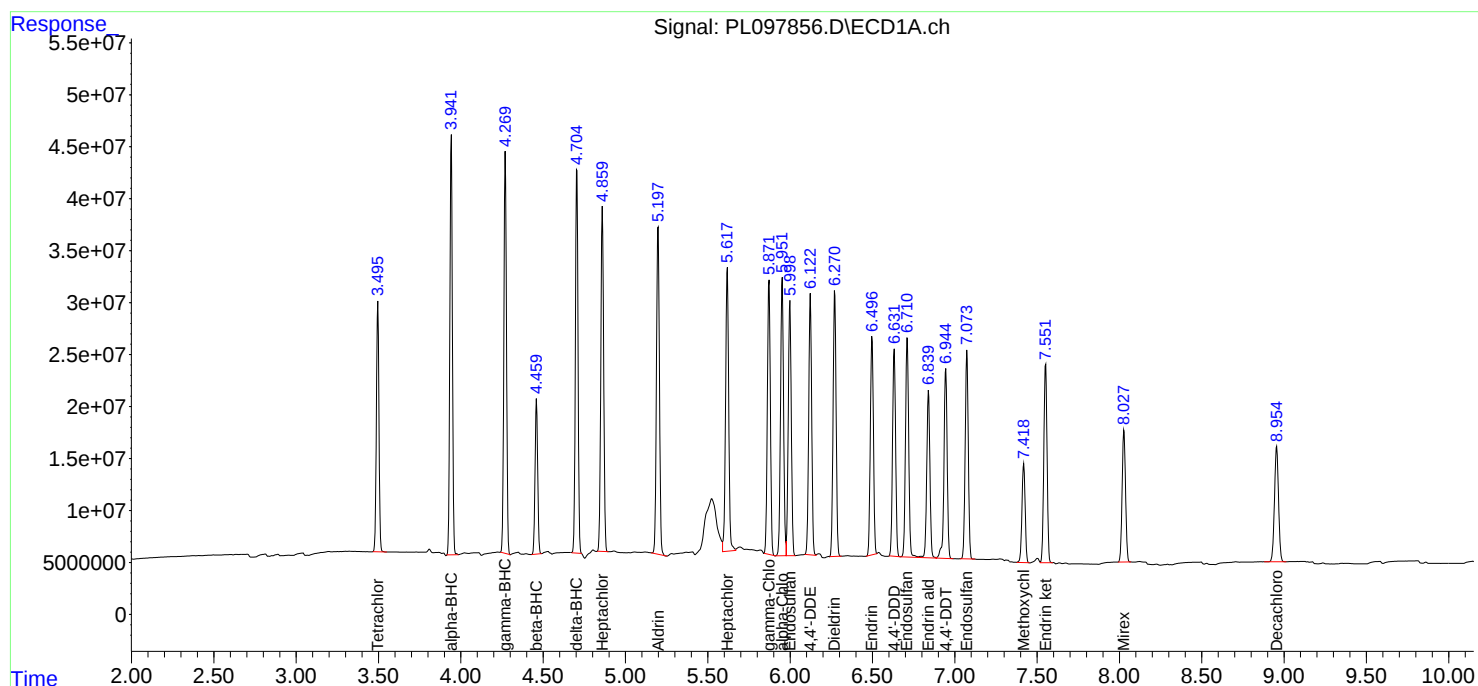
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

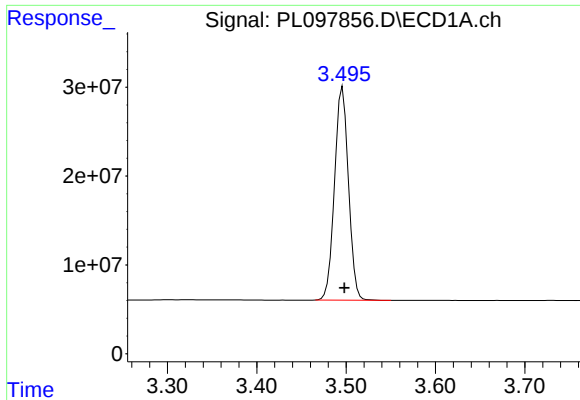
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/16/2025
Supervised By : Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:02:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





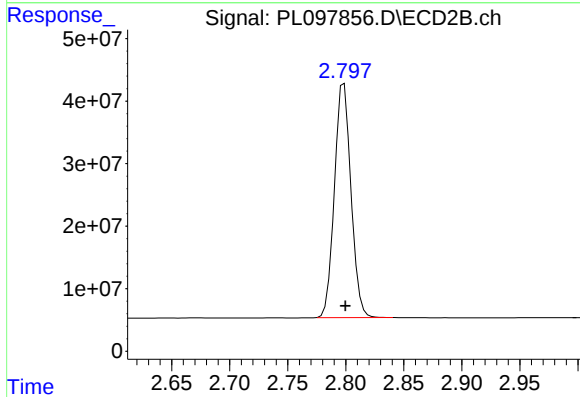
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.002 min
Response: 259916392
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

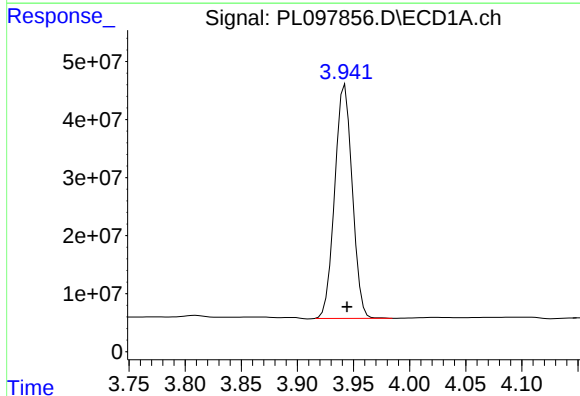
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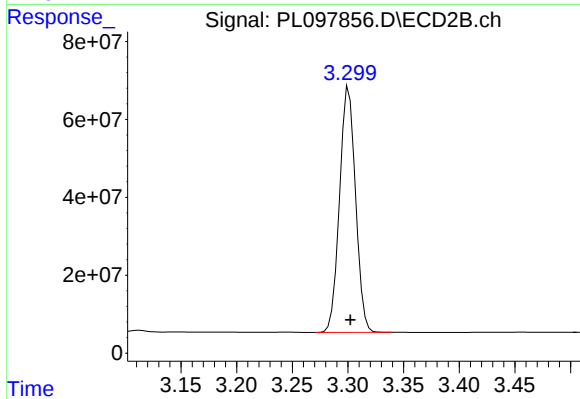
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: -0.001 min
Response: 372821360
Conc: 53.37 ng/ml



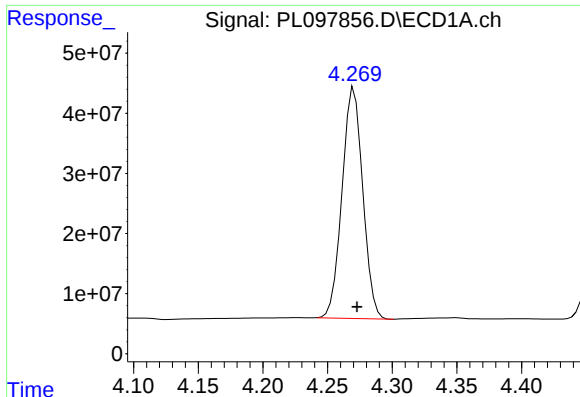
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.002 min
Response: 439181240
Conc: 51.93 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 630211489
Conc: 54.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 427545079
Conc: 53.33 ng/ml

Instrument :

ECD_L

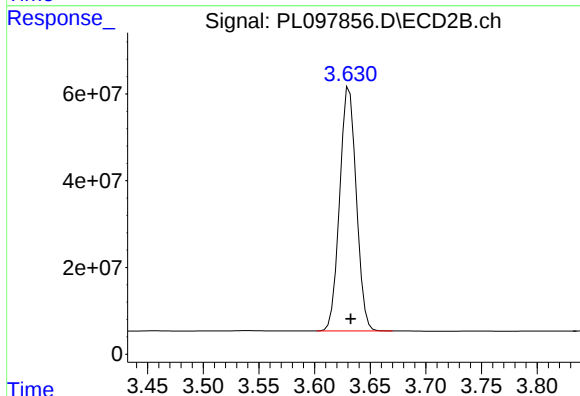
ClientSampleId :

PSTDCCC050

Manual Integrations

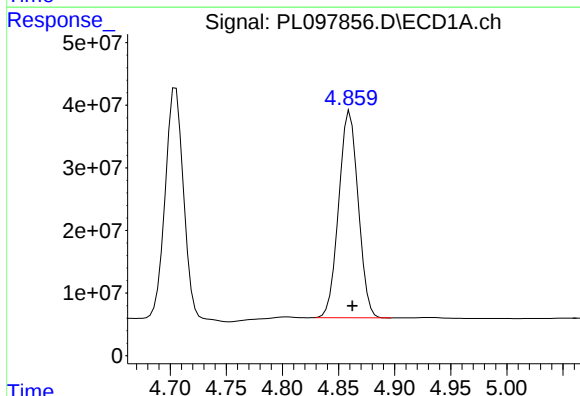
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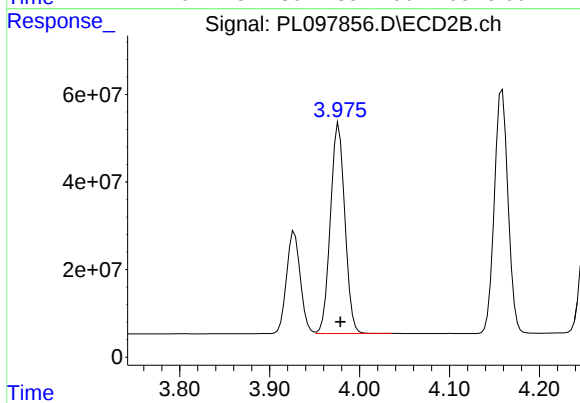
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 584601163
Conc: 54.35 ng/ml



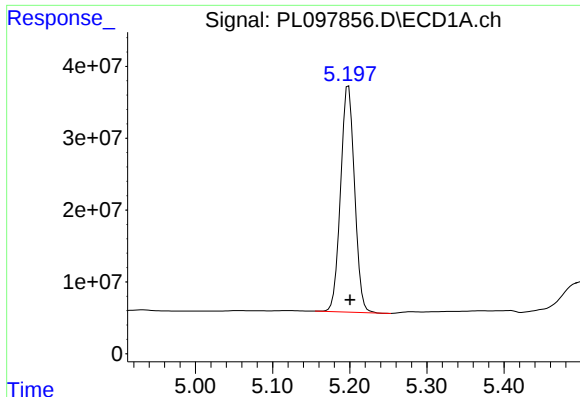
#4 Heptachlor

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 399361882
Conc: 50.16 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.002 min
Response: 535032821
Conc: 51.47 ng/ml



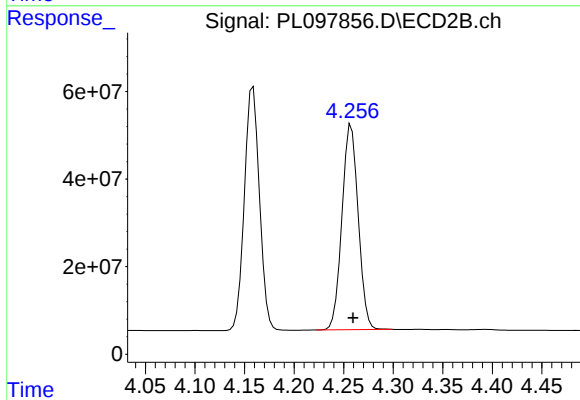
#5 Aldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 395399638
Conc: 54.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

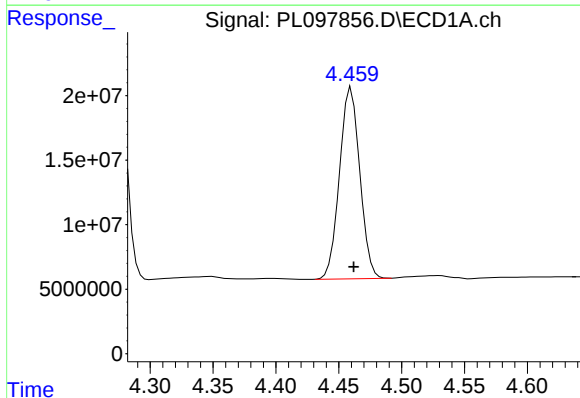
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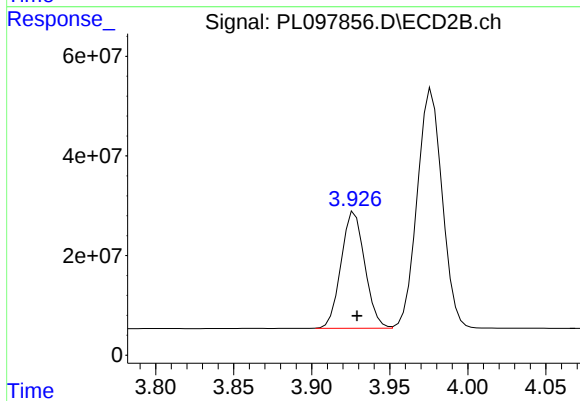
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 534393227
Conc: 54.04 ng/ml



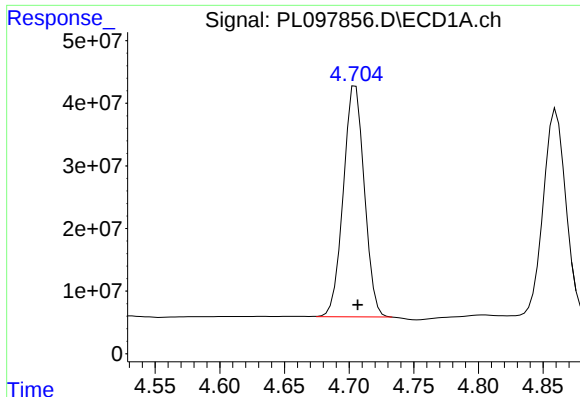
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 166587244
Conc: 49.76 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 247627742
Conc: 53.41 ng/ml



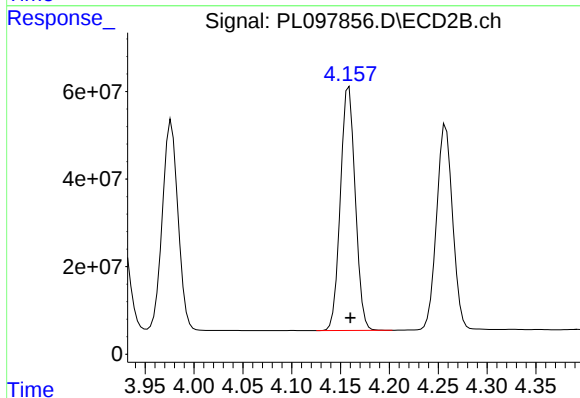
#7 delta-BHC

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 416334611
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

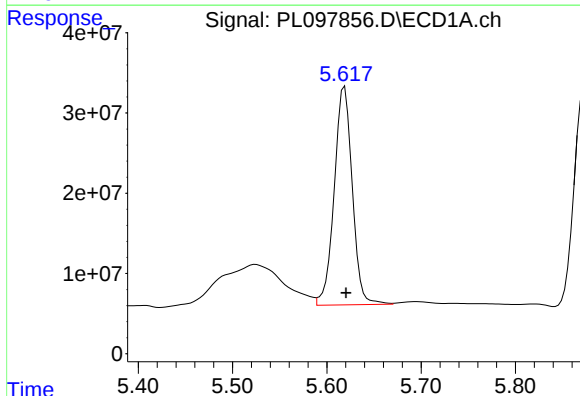
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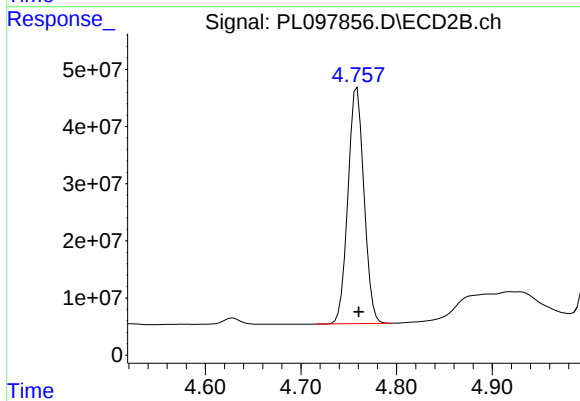
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 589284510
Conc: 55.14 ng/ml



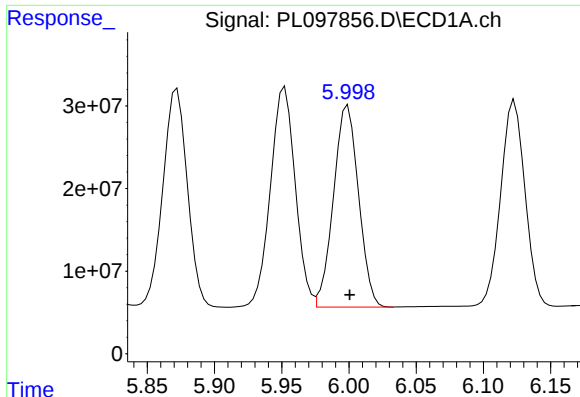
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 362682365
Conc: 54.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 483307727
Conc: 53.68 ng/ml



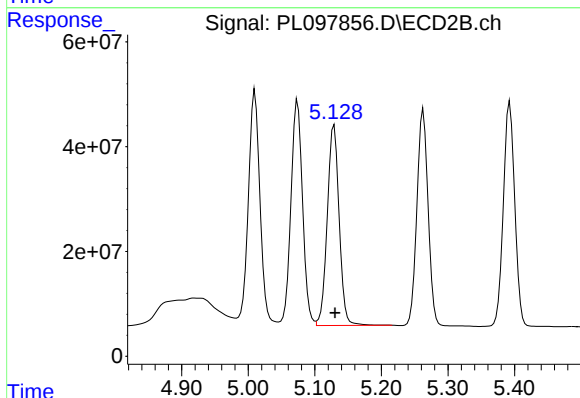
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 315508418
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

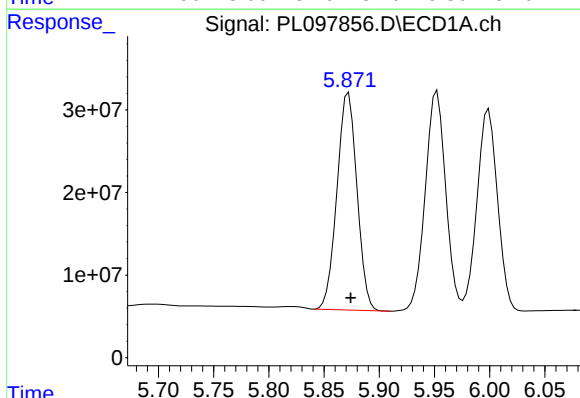
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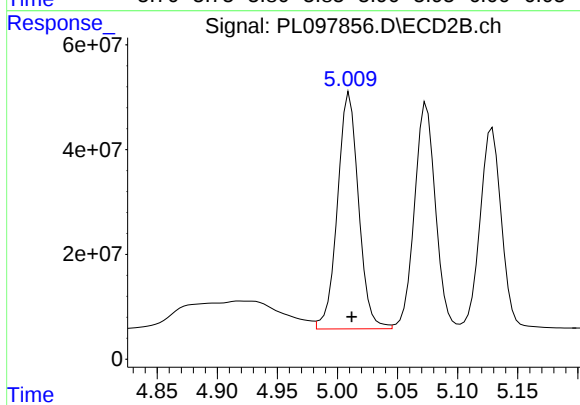
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 476042240
Conc: 46.72 ng/ml



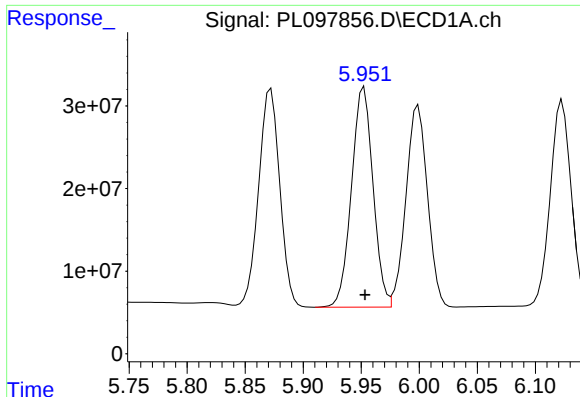
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 331933228
Conc: 51.13 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 553072440
Conc: 54.30 ng/ml



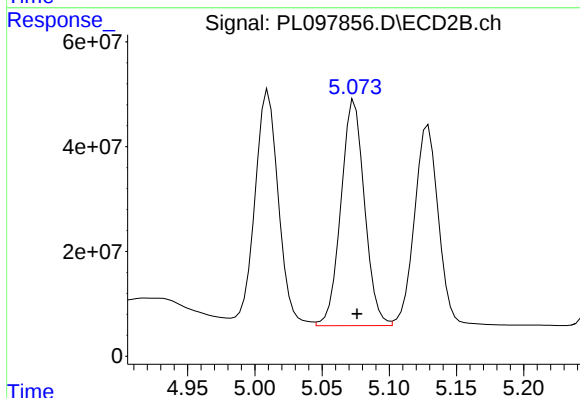
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 343705292
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

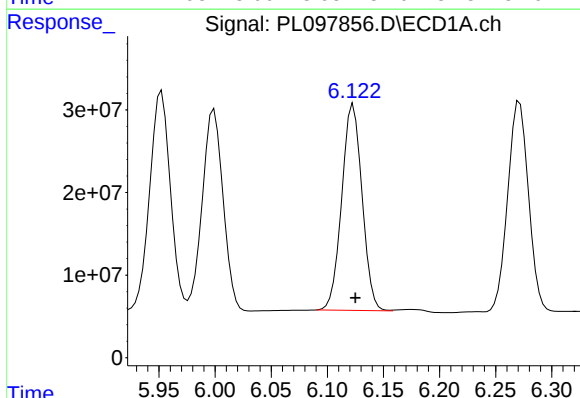
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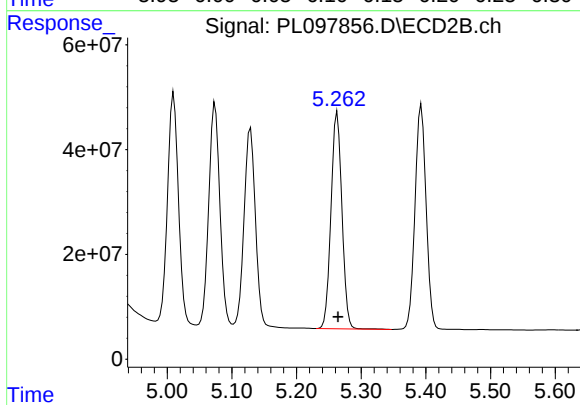
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 524603444
Conc: 51.16 ng/ml



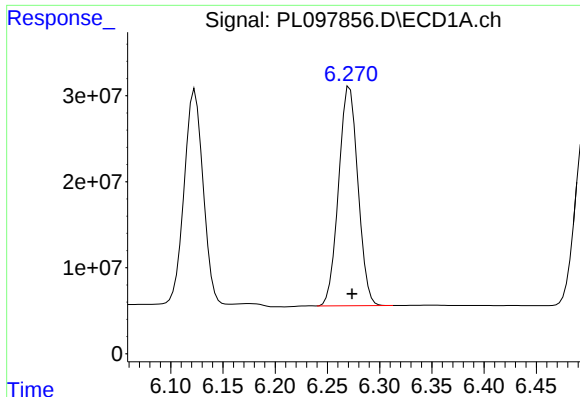
#12 4,4'-DDE

R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 314628843
Conc: 53.57 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 485245937
Conc: 55.07 ng/ml



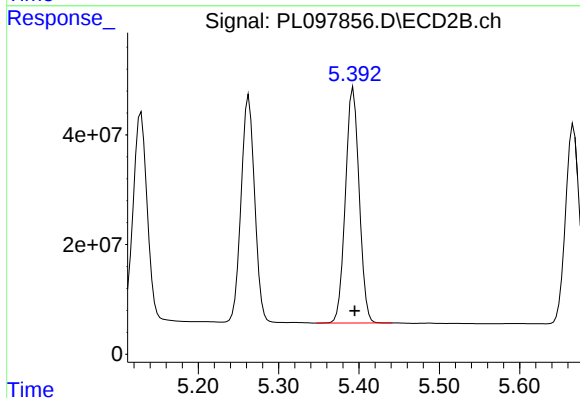
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 328106915
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

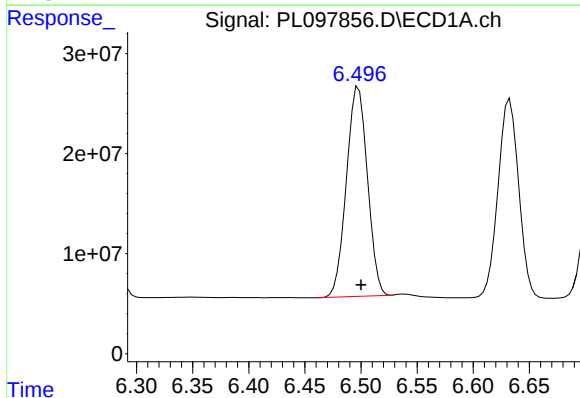
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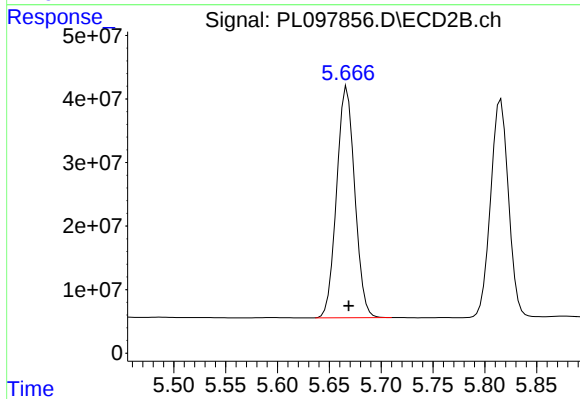
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 510829739
Conc: 54.51 ng/ml



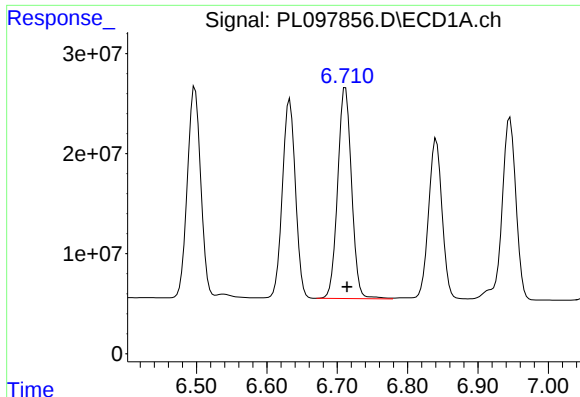
#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 273295654
Conc: 52.77 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 442530809
Conc: 52.95 ng/ml



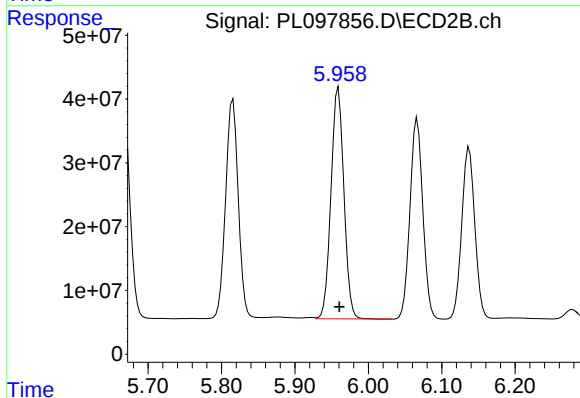
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 288861767
Conc: 56.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

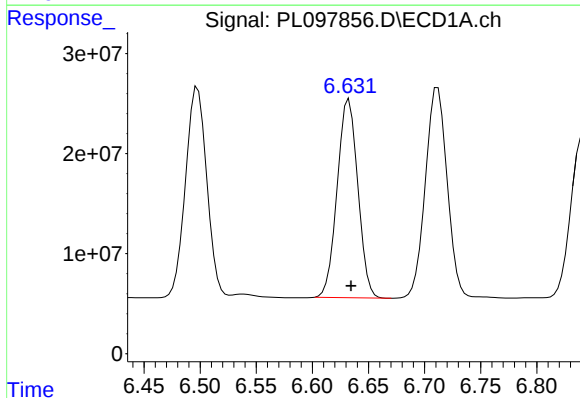
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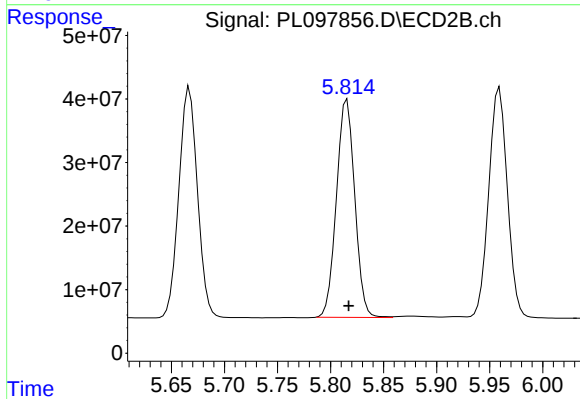
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 443803275
Conc: 53.62 ng/ml



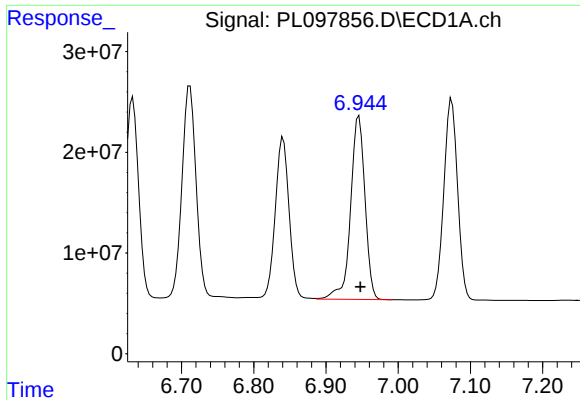
#16 4,4'-DDD

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 254564699
Conc: 54.96 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: -0.001 min
Response: 412156642
Conc: 54.95 ng/ml



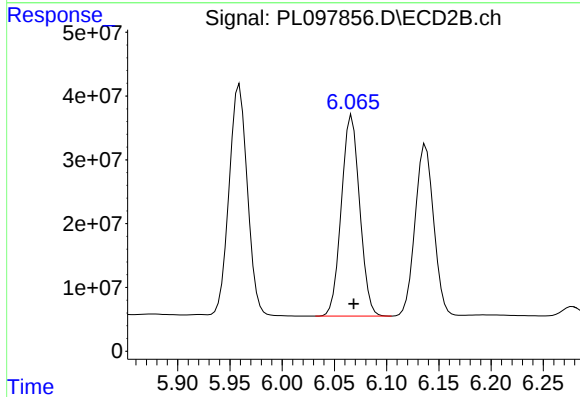
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 251210667
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

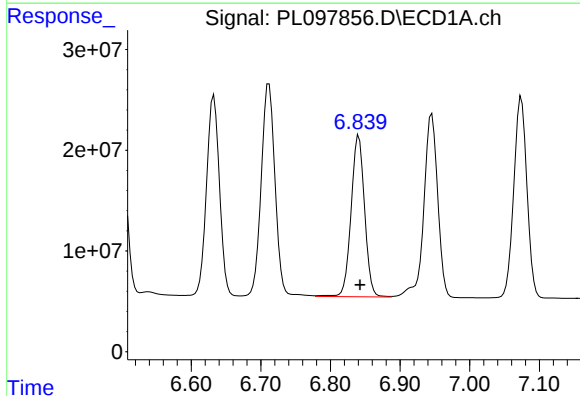
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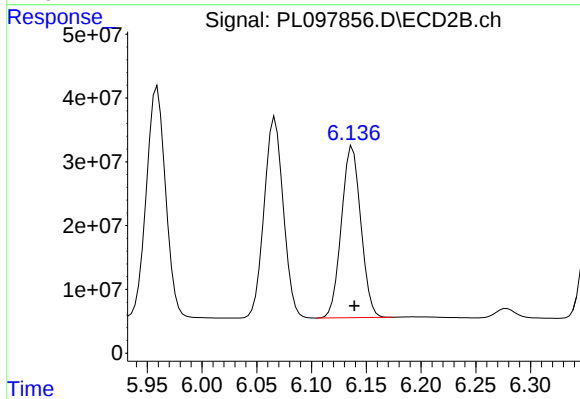
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 384526889
Conc: 50.13 ng/ml



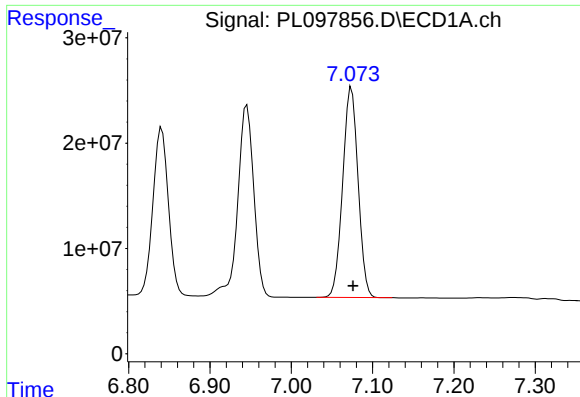
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 216063150
Conc: 54.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 332041090
Conc: 52.00 ng/ml



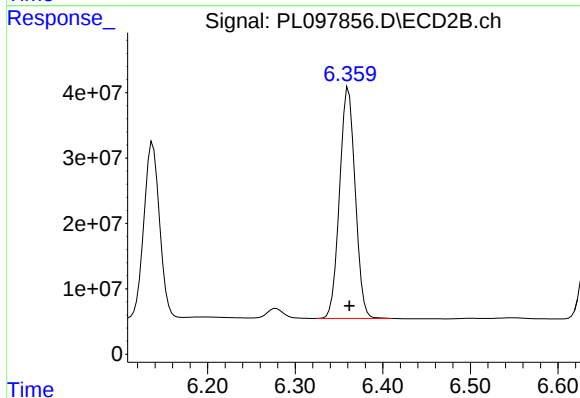
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 262144394
Conc: 52.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

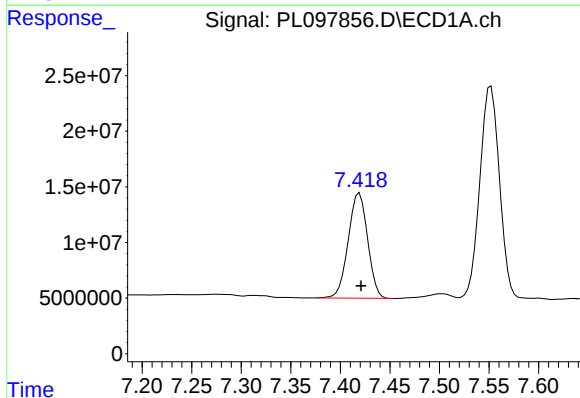
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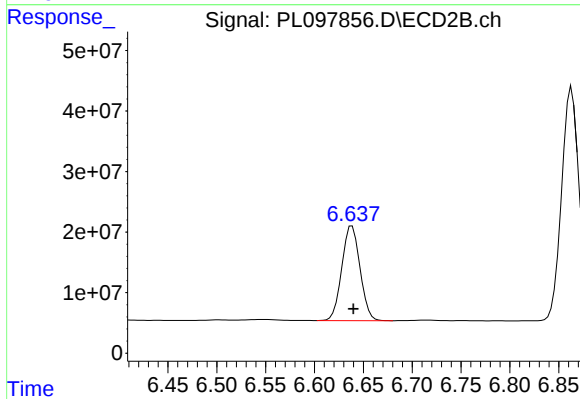
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 438138044
Conc: 53.82 ng/ml



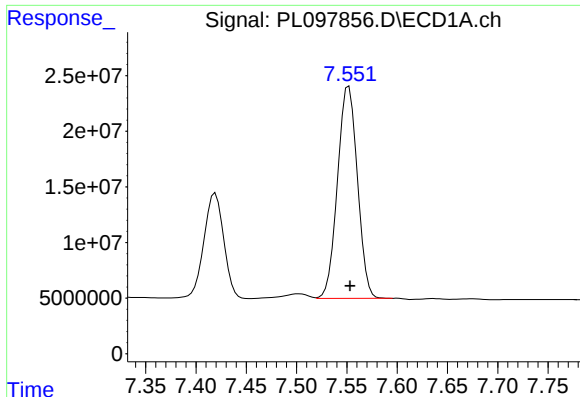
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 128909580
Conc: 51.22 ng/ml m



#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.002 min
Response: 203058034
Conc: 48.59 ng/ml



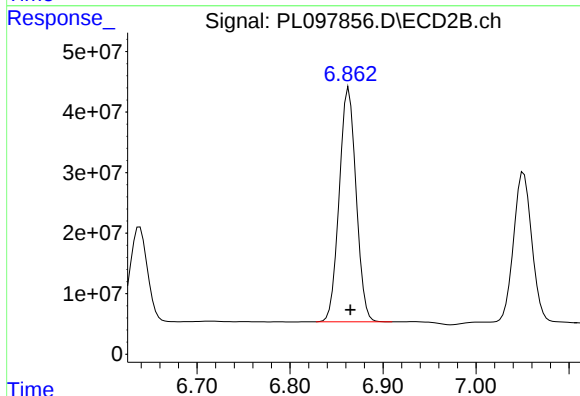
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 262664758
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

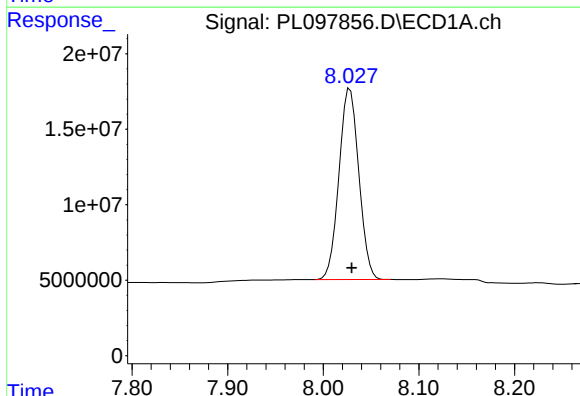
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



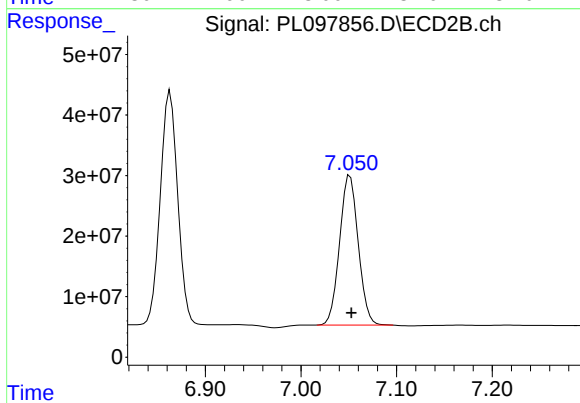
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: -0.002 min
Response: 487177895
Conc: 54.61 ng/ml



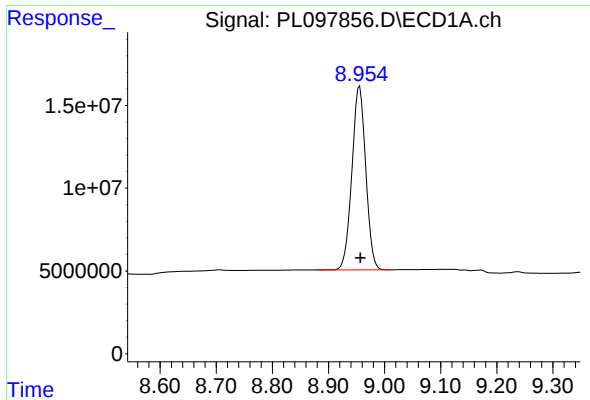
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 182959876
Conc: 53.05 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: -0.001 min
Response: 336169215
Conc: 52.08 ng/ml



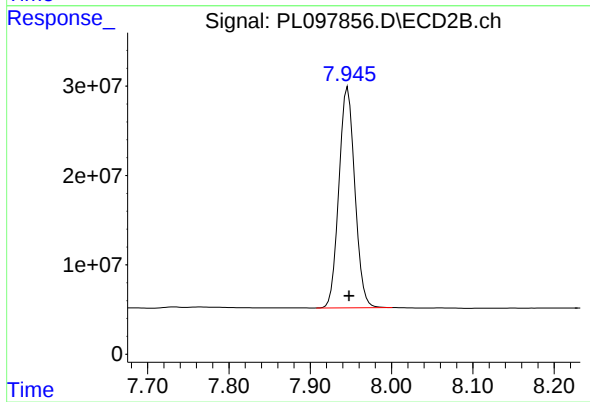
#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.001 min
Response: 189984718
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 335843139
Conc: 51.07 ng/ml