

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097436.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 12:10
 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: Sep 30 12:42:23 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...	3.525	2.822	202.1E6	288.7E6	44.638	43.900
28)	SA Decachlor...	8.999	7.983	152.9E6	244.9E6	46.716	43.028
Target Compounds							
2)	A alpha-BHC	3.972	3.327	345.0E6	493.9E6	49.379	49.601
3)	MA gamma-BHC...	4.300	3.658	323.2E6	452.6E6	48.875	48.588
4)	MA Heptachlor	4.891	4.006	315.7E6	438.7E6	47.326	47.143
5)	MB Aldrin	5.230	4.289	310.1E6	427.5E6	48.956	49.259
6)	B beta-BHC	4.488	3.955	133.1E6	187.2E6	48.821	46.092
7)	B delta-BHC	4.731	4.187	305.1E6	441.6E6	50.272m	48.042
8)	B Heptachlo...	5.648	4.791	287.5E6	392.4E6	50.031m	49.475
9)	A Endosulfan I	6.030	5.162	261.0E6	347.6E6	50.380m	45.244
10)	B gamma-Chl...	5.903	5.043	286.1E6	430.4E6	50.611m	49.280
11)	B alpha-Chl...	5.982	5.107	282.2E6	413.0E6	49.681m	49.762
12)	B 4,4'-DDE	6.155	5.296	246.3E6	372.9E6	51.696	48.523
13)	MA Dieldrin	6.303	5.425	278.1E6	405.3E6	50.720	49.562m
14)	MA Endrin	6.529	5.702	236.9E6	432.9E6	51.347m	57.646
15)	B Endosulfa...	6.742	5.993	236.1E6	351.0E6	48.000m	49.372
16)	A 4,4'-DDD	6.663	5.848	203.1E6	318.4E6	53.853m	49.372
17)	MA 4,4'-DDT	6.976	6.101	199.9E6	301.6E6	47.293m	43.582
18)	B Endrin al...	6.871	6.171	176.0E6	257.6E6	57.078m	48.265
19)	B Endosulfa...	7.106	6.395	212.8E6	332.8E6	52.116	48.584
20)	A Methoxychlor	7.451	6.673	96328865	160.4E6	46.193	42.557
21)	B Endrin ke...	7.585	6.899	225.0E6	393.4E6	53.016	52.249
22)	Mirex	8.063	7.088	160.2E6	260.5E6	45.129	43.570

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097436.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 12:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

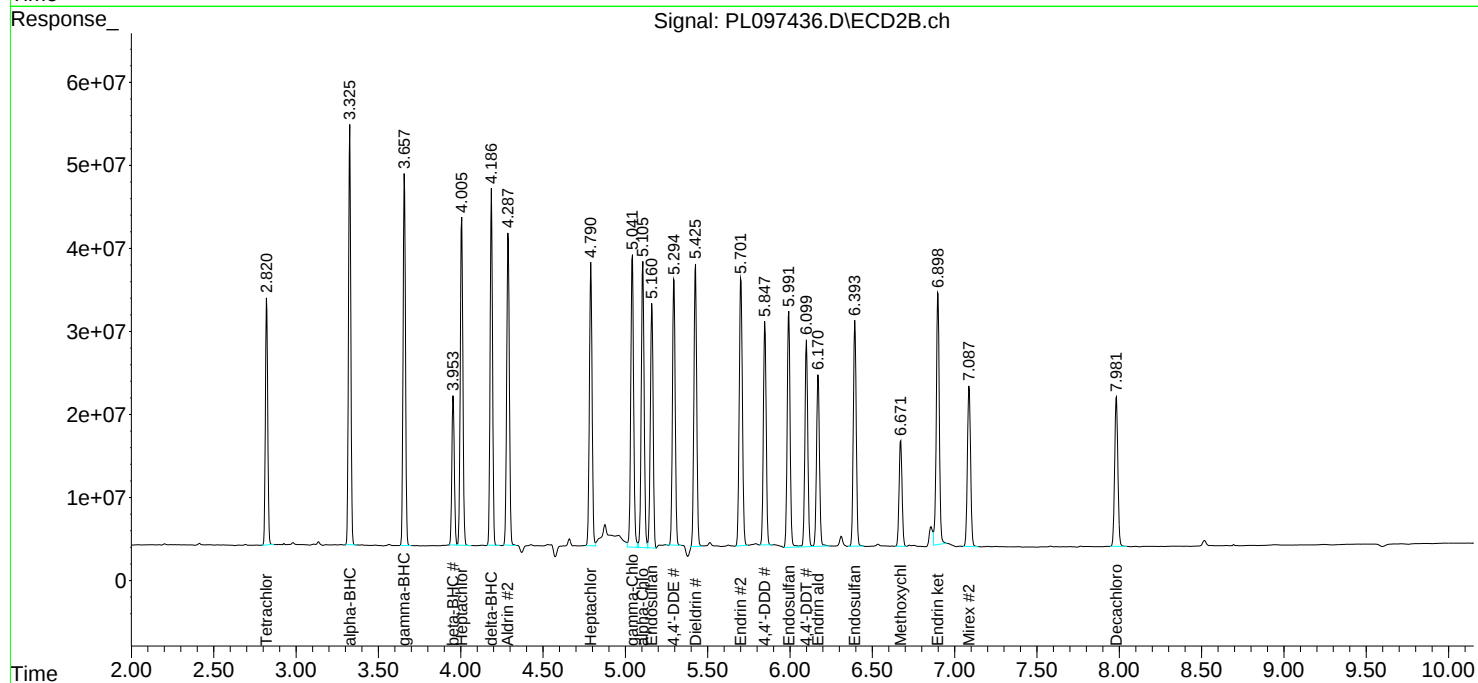
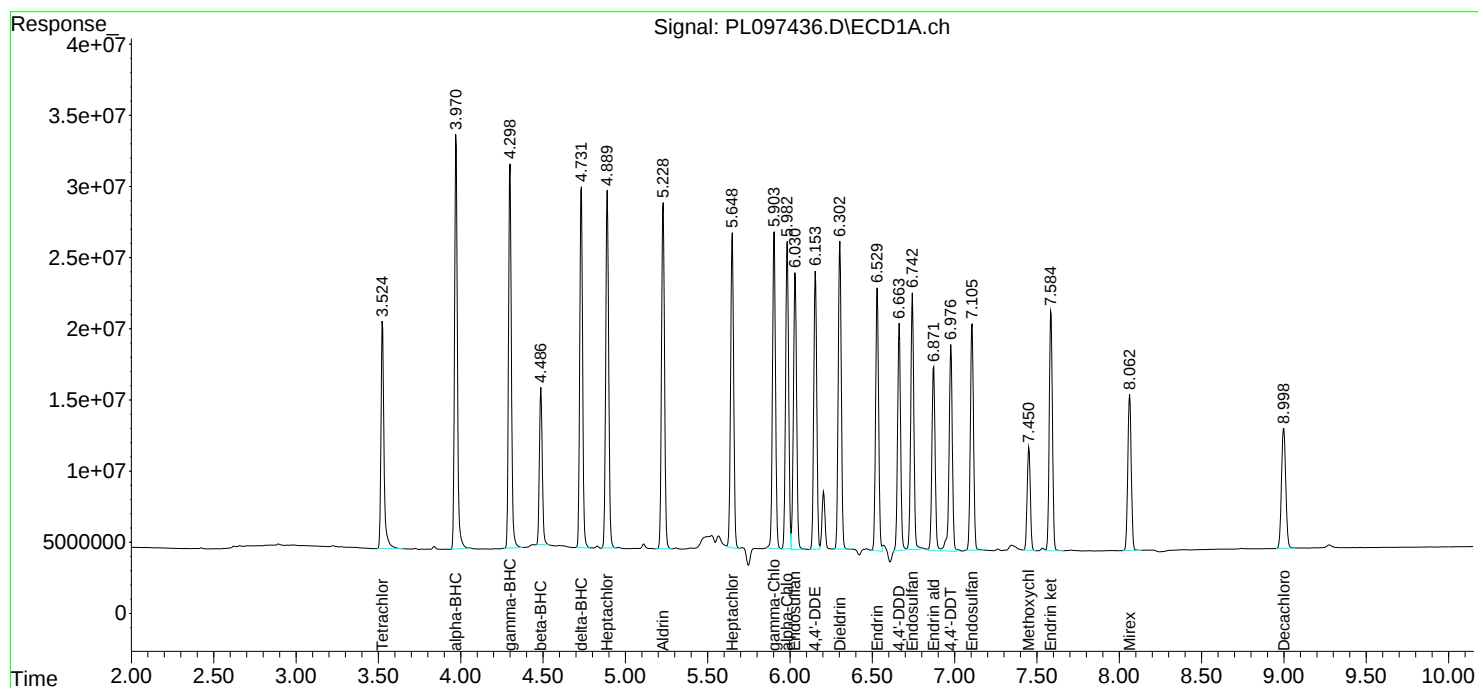
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

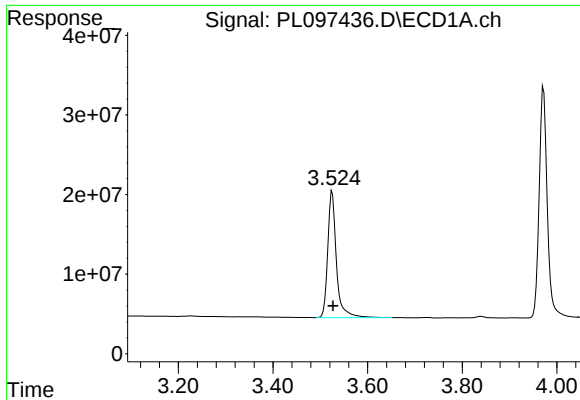
Manual Integrations
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Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 12:42:23 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





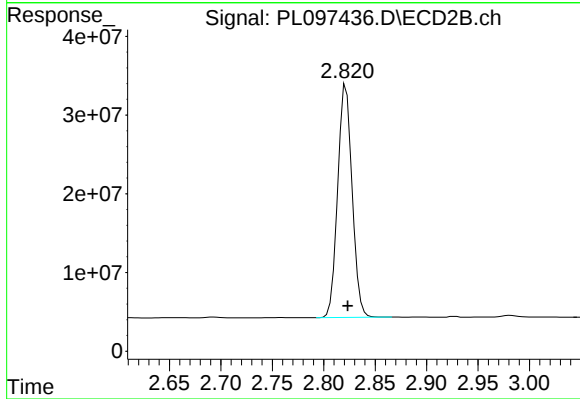
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 202081872
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

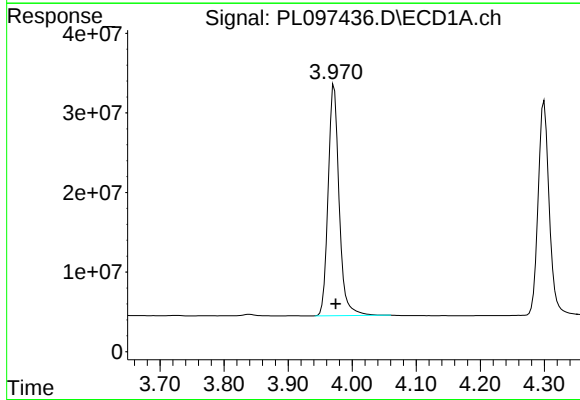
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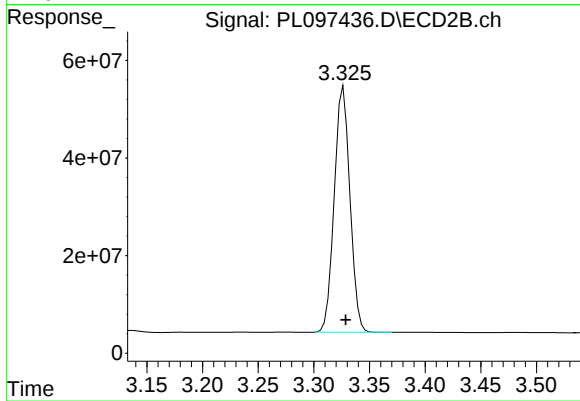
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.002 min
Response: 288669336
Conc: 43.90 ng/ml



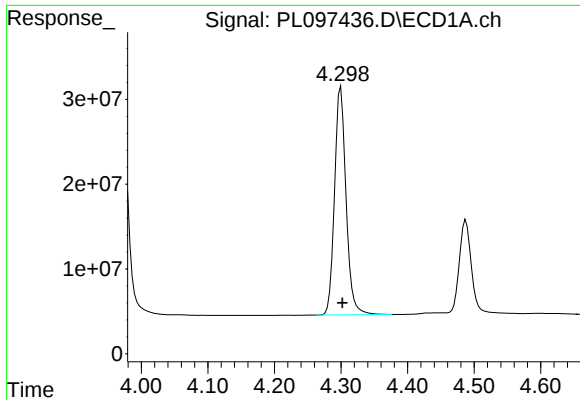
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 345033450
Conc: 49.38 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 493907165
Conc: 49.60 ng/ml



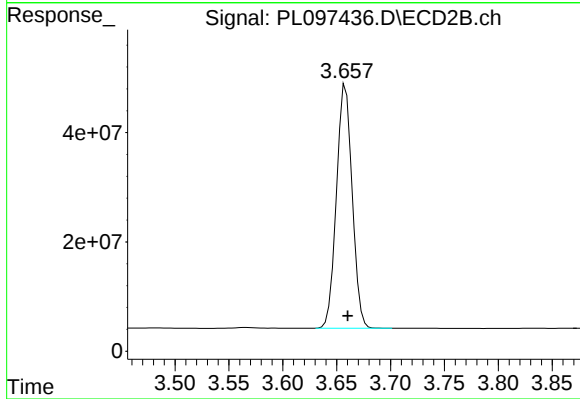
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 323218852
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

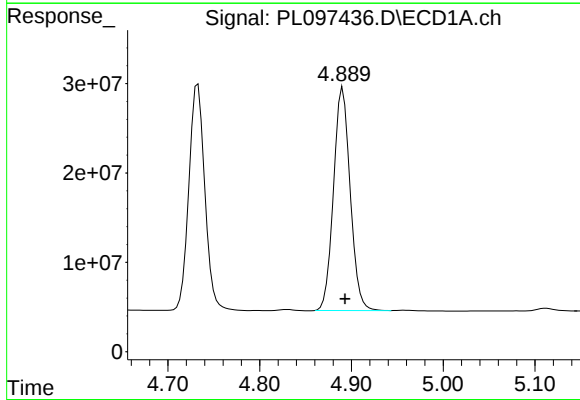
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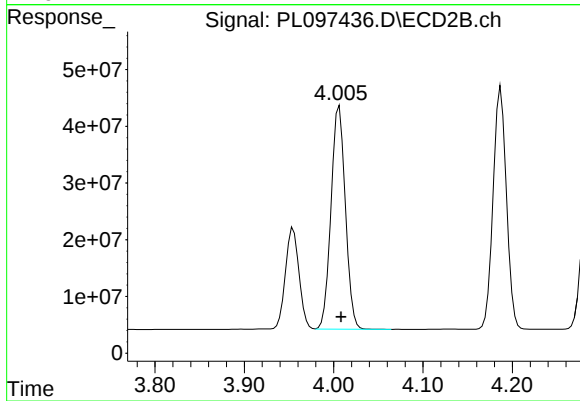
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.002 min
Response: 452577669
Conc: 48.59 ng/ml



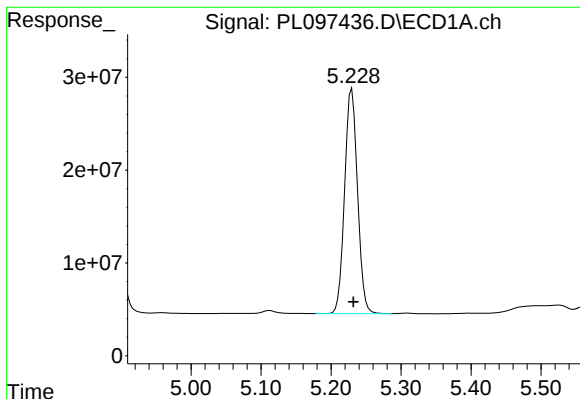
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 315666768
Conc: 47.33 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 438671012
Conc: 47.14 ng/ml



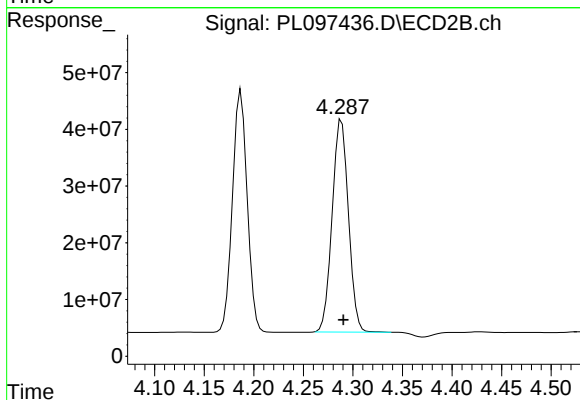
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 310082338
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

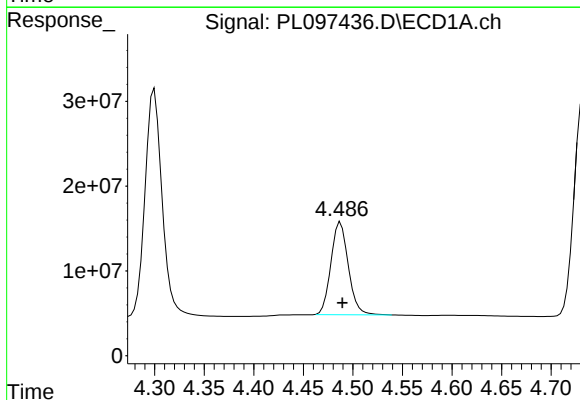
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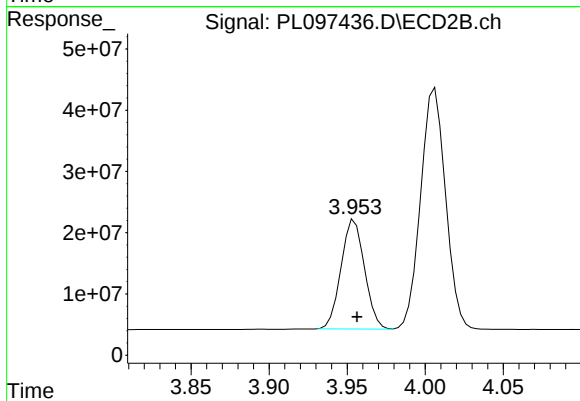
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 427537126
Conc: 49.26 ng/ml



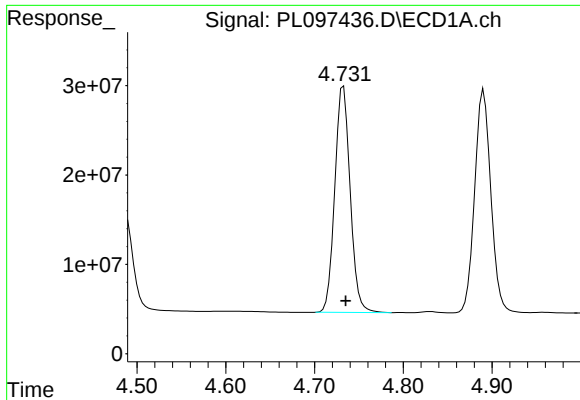
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 133093867
Conc: 48.82 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 187226125
Conc: 46.09 ng/ml



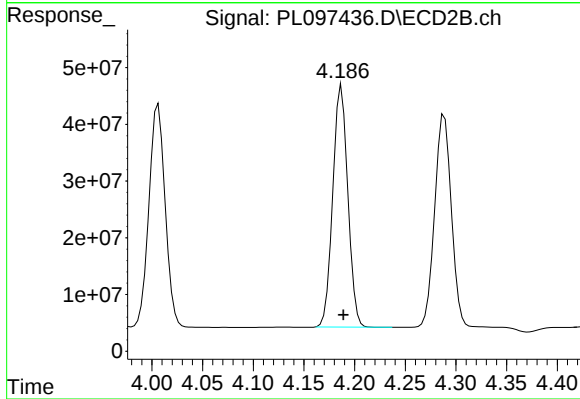
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 305064792
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

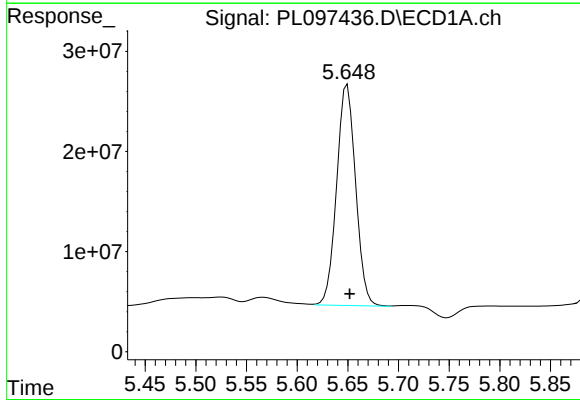
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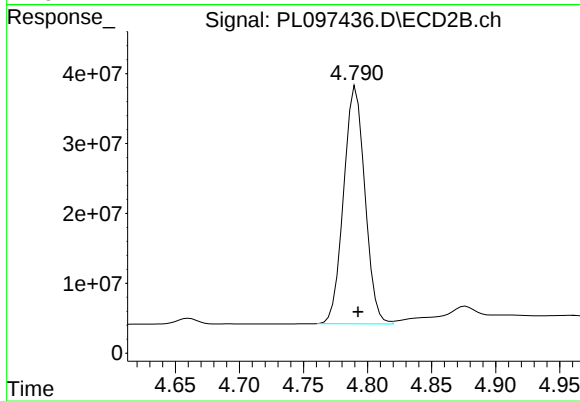
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 441610780
Conc: 48.04 ng/ml



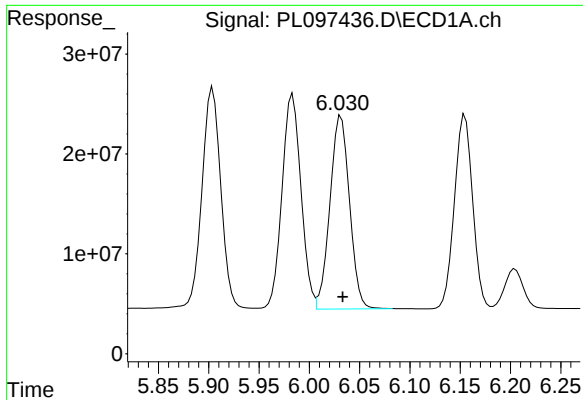
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 287528450
Conc: 50.03 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 392414122
Conc: 49.48 ng/ml



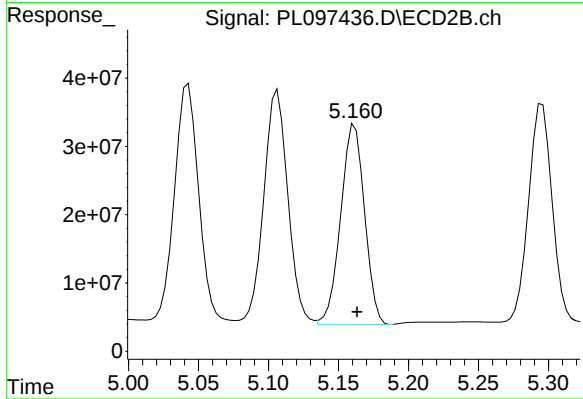
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 261036037
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

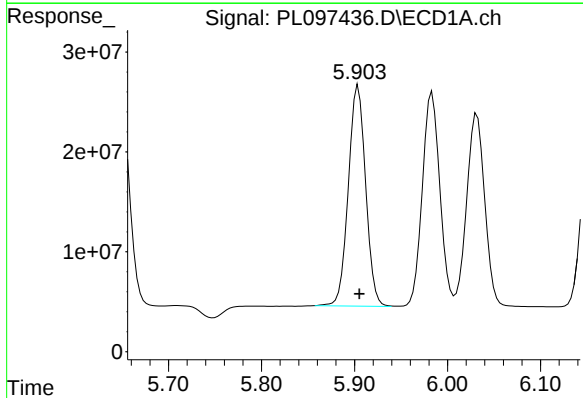
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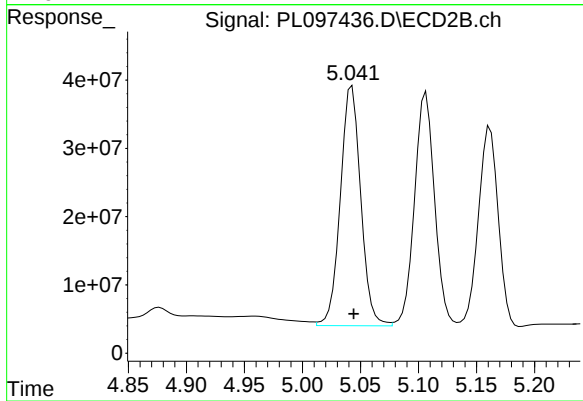
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.001 min
Response: 347635776
Conc: 45.24 ng/ml



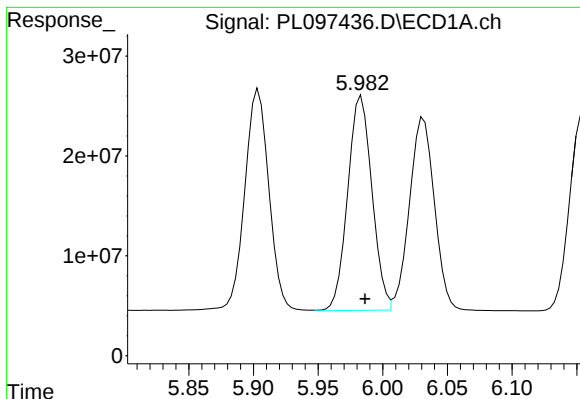
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 286132176
Conc: 50.61 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 430401357
Conc: 49.28 ng/ml



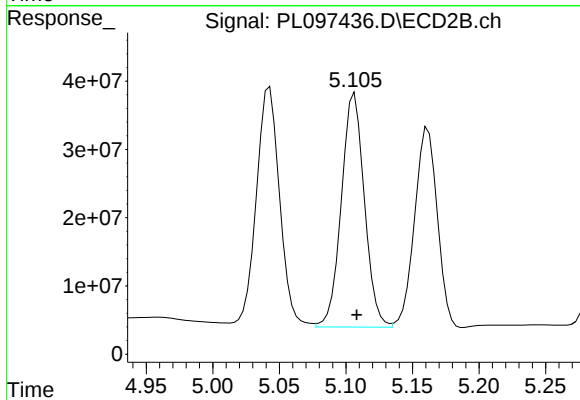
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 282184947
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

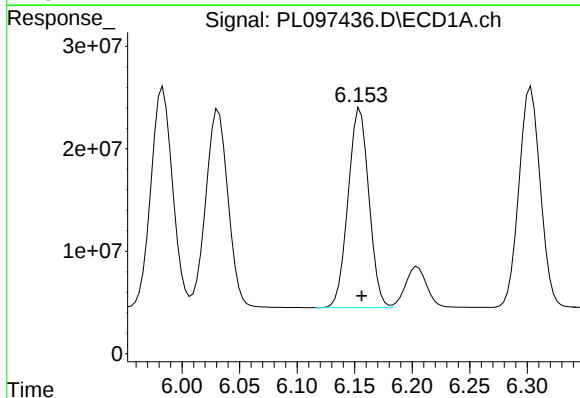
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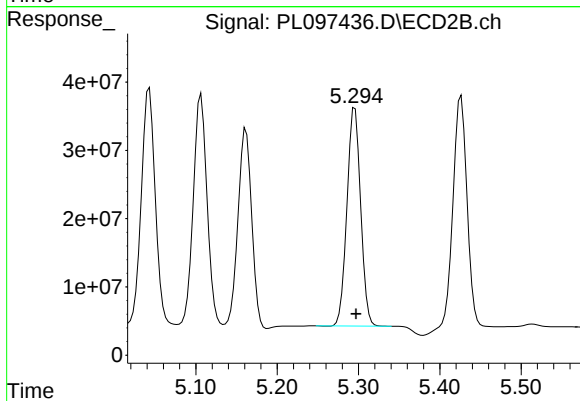
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 413049094
Conc: 49.76 ng/ml



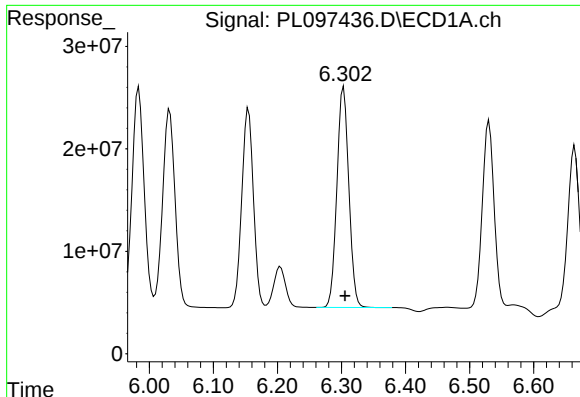
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.001 min
Response: 246318728
Conc: 51.70 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 372882289
Conc: 48.52 ng/ml



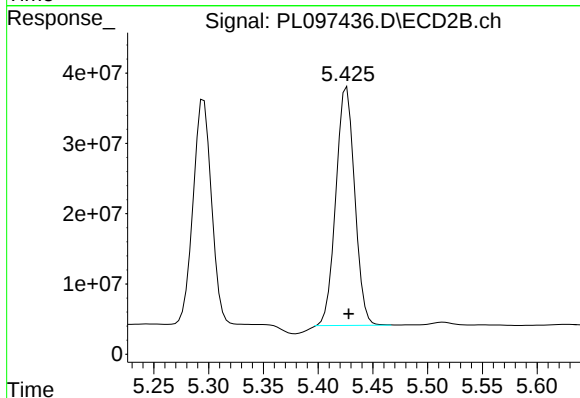
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 278056152
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

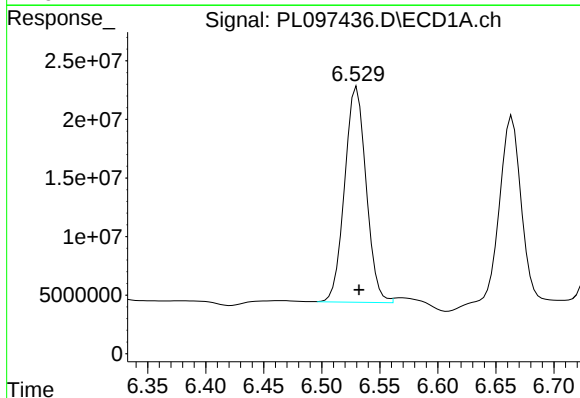
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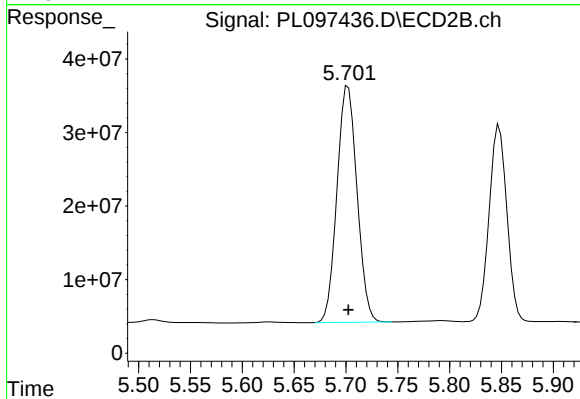
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 405256194
Conc: 49.56 ng/ml m



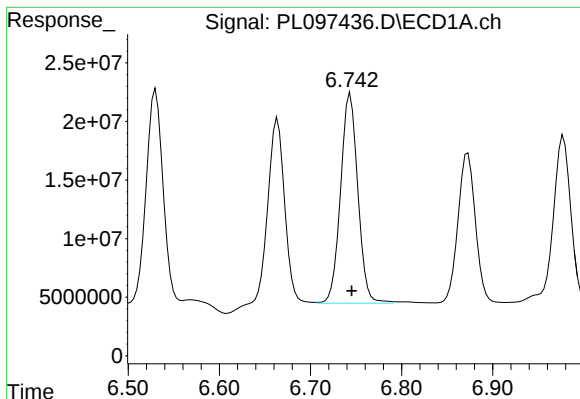
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 236868796
Conc: 51.35 ng/ml m



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 432949923
Conc: 57.65 ng/ml



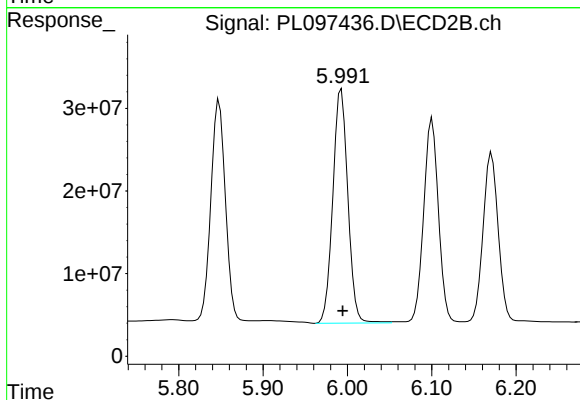
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 236081067
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

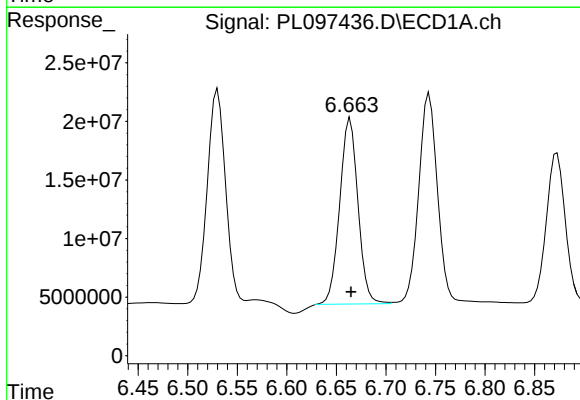
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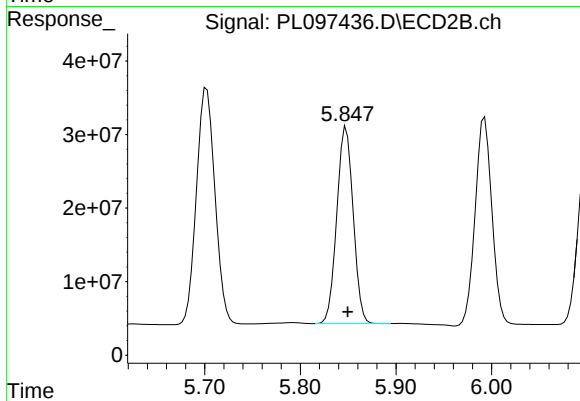
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 350999534
Conc: 49.37 ng/ml



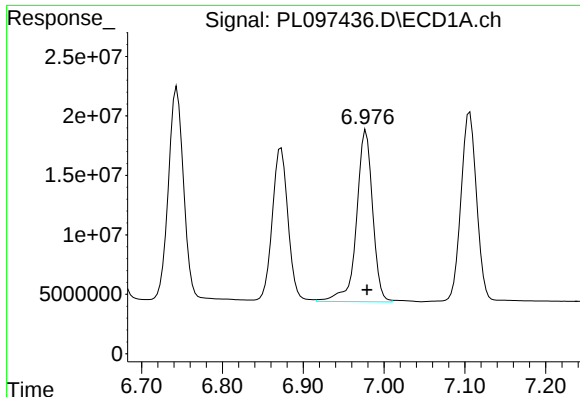
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 203055761
Conc: 53.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 318407147
Conc: 49.37 ng/ml



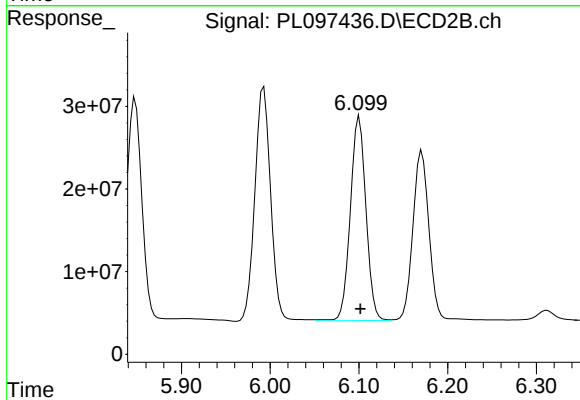
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 199918650
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

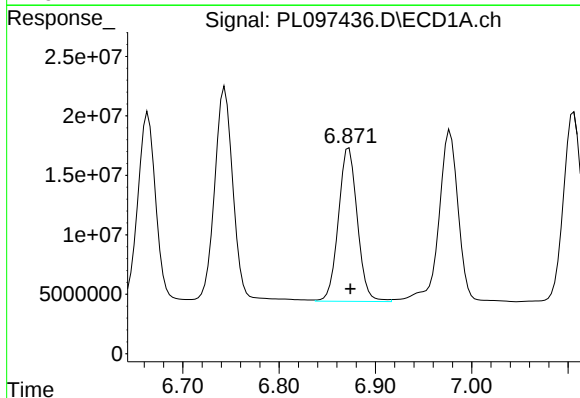
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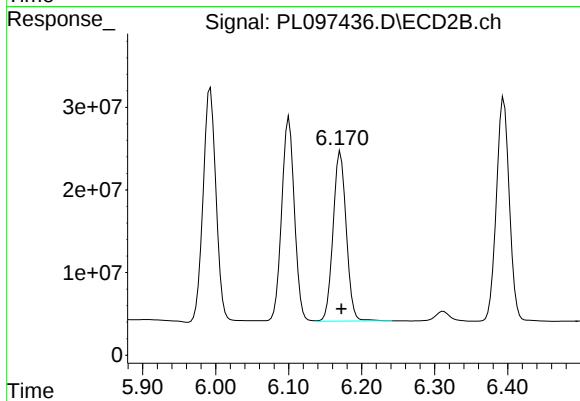
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.001 min
Response: 301609514
Conc: 43.58 ng/ml



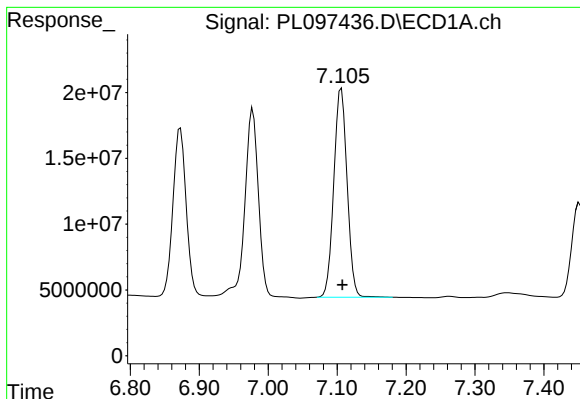
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 175960604
Conc: 57.08 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 257607652
Conc: 48.26 ng/ml



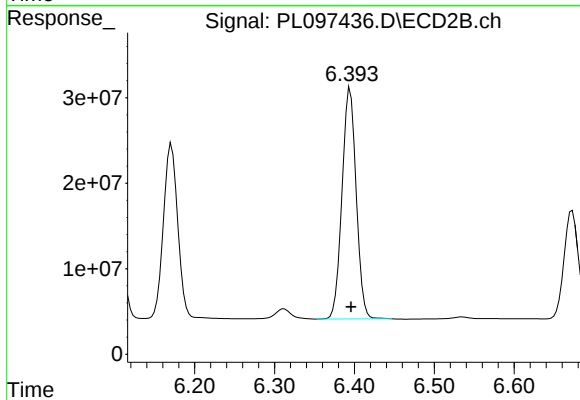
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 212775371
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

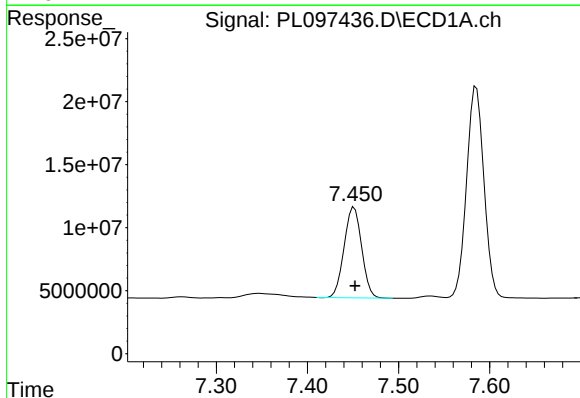
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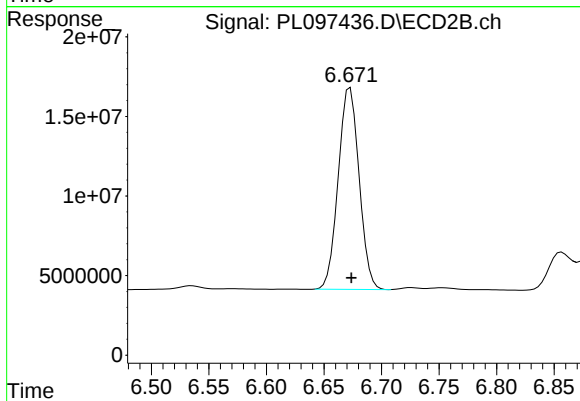
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 332788569
Conc: 48.58 ng/ml



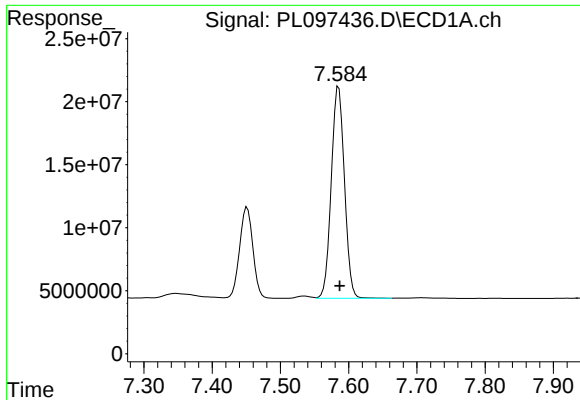
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 96328865
Conc: 46.19 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 160418890
Conc: 42.56 ng/ml



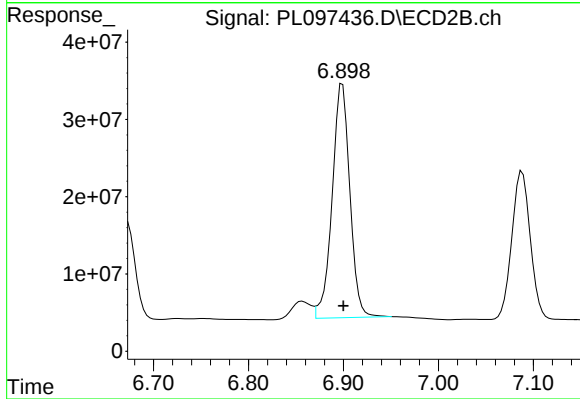
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 225019193
Conc: 53.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

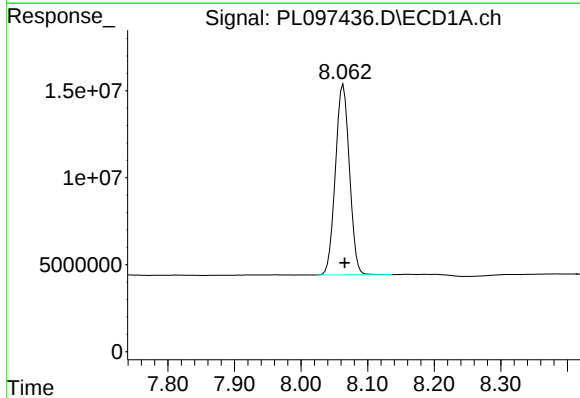
Manual Integrations
APPROVED

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



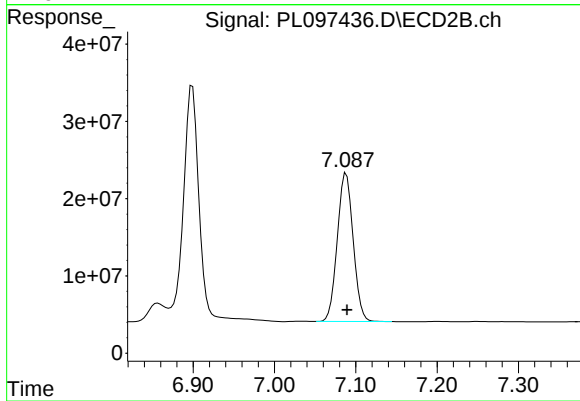
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 393447357
Conc: 52.25 ng/ml



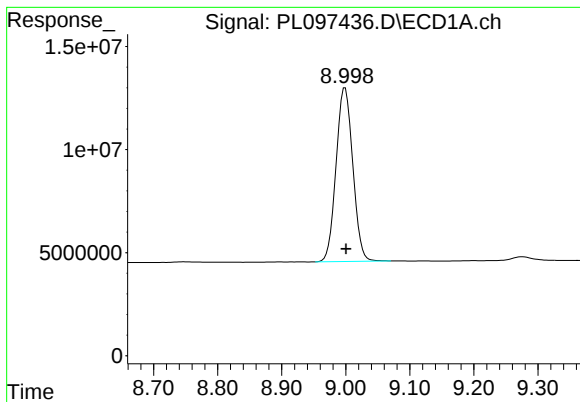
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 160223169
Conc: 45.13 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 260494252
Conc: 43.57 ng/ml



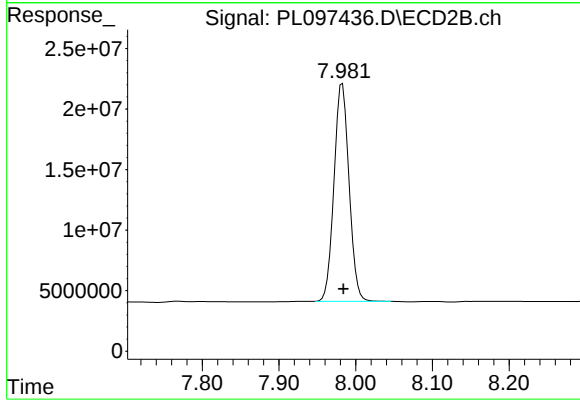
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.002 min
Response: 152863784
Conc: 46.72 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.: 7.983 min
Delta R.T.: -0.001 min
Response: 244896682
Conc: 43.03 ng/ml