

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097469.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 10:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:02:21 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	2.822	206.6E6	281.5E6	45.627	42.806
28)	SA Decachlor...	9.000	7.982	155.0E6	228.1E6	47.368	40.082
Target Compounds							
2)	A alpha-BHC	3.972	3.327	349.5E6	478.5E6	50.014	48.058
3)	MA gamma-BHC...	4.300	3.659	324.9E6	439.5E6	49.134	47.187
4)	MA Heptachlor	4.891	4.006	320.7E6	426.1E6	48.079	45.789
5)	MB Aldrin	5.230	4.288	313.4E6	412.8E6	49.482	47.559
6)	B beta-BHC	4.488	3.955	134.6E6	180.7E6	49.383	44.487
7)	B delta-BHC	4.732	4.187	311.4E6	426.7E6	51.309m	46.422
8)	B Heptachlo...	5.648	4.790	299.7E6	383.1E6	52.155m	48.306
9)	A Endosulfan I	6.030	5.161	261.0E6	330.8E6	50.369m	43.048
10)	B gamma-Chl...	5.903	5.042	290.2E6	392.6E6	51.337m	44.956
11)	B alpha-Chl...	5.983	5.106	286.3E6	386.6E6	50.409m	46.576
12)	B 4,4'-DDE	6.155	5.295	251.0E6	356.8E6	52.672	46.428
13)	MA Dieldrin	6.304	5.424	283.6E6	396.4E6	51.736	48.473m
14)	MA Endrin	6.531	5.701	245.7E6	411.4E6	53.251	54.781
15)	B Endosulfa...	6.743	5.992	234.9E6	334.6E6	47.751m	47.062
16)	A 4,4'-DDD	6.663	5.847	207.5E6	309.9E6	55.031m	48.060
17)	MA 4,4'-DDT	6.978	6.100	216.1E6	289.9E6	51.124	41.893
18)	B Endrin al...	6.872	6.170	172.1E6	246.1E6	55.822m	46.106
19)	B Endosulfa...	7.107	6.394	215.9E6	318.1E6	52.874	46.443
20)	A Methoxychlor	7.451	6.672	101.0E6	155.8E6	48.421	41.339
21)	B Endrin ke...	7.586	6.898	231.9E6	396.9E6	54.626	52.706
22)	Mirex	8.064	7.088	161.1E6	245.4E6	45.369	41.045

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097469.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 10:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

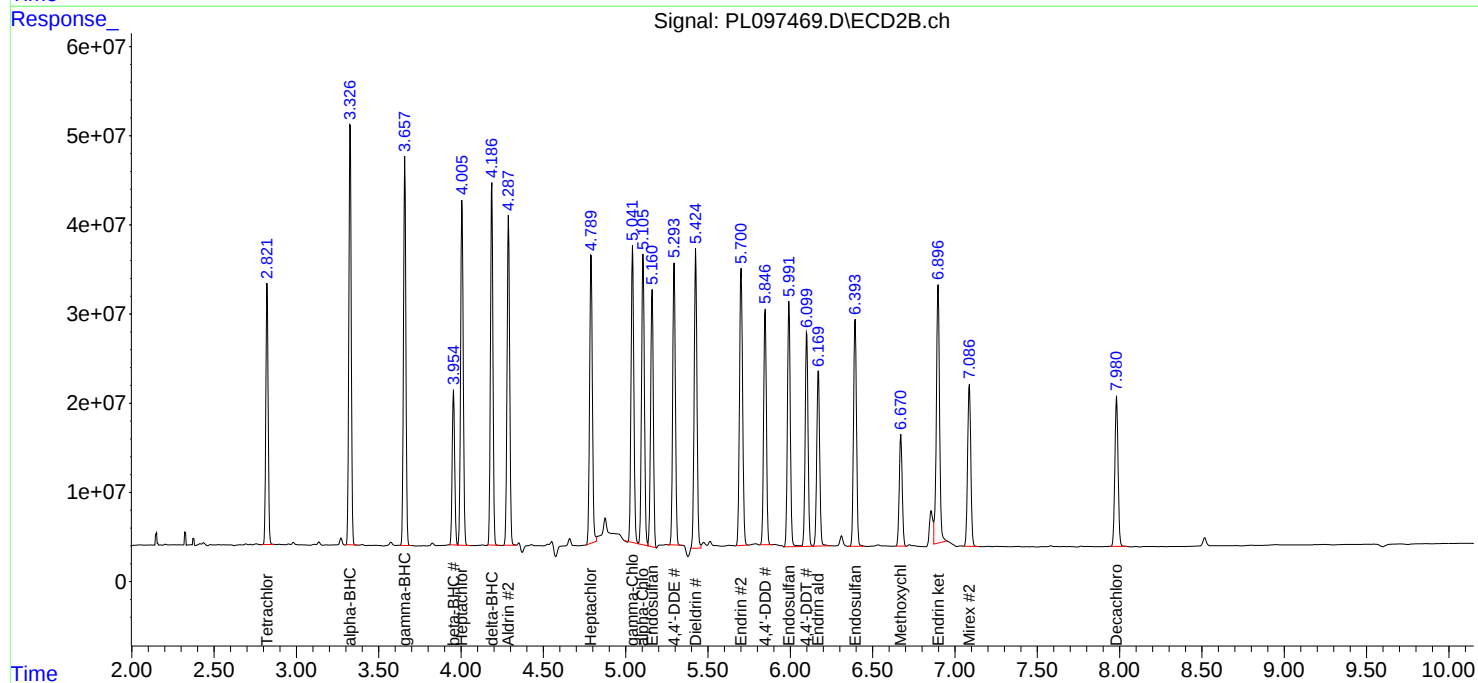
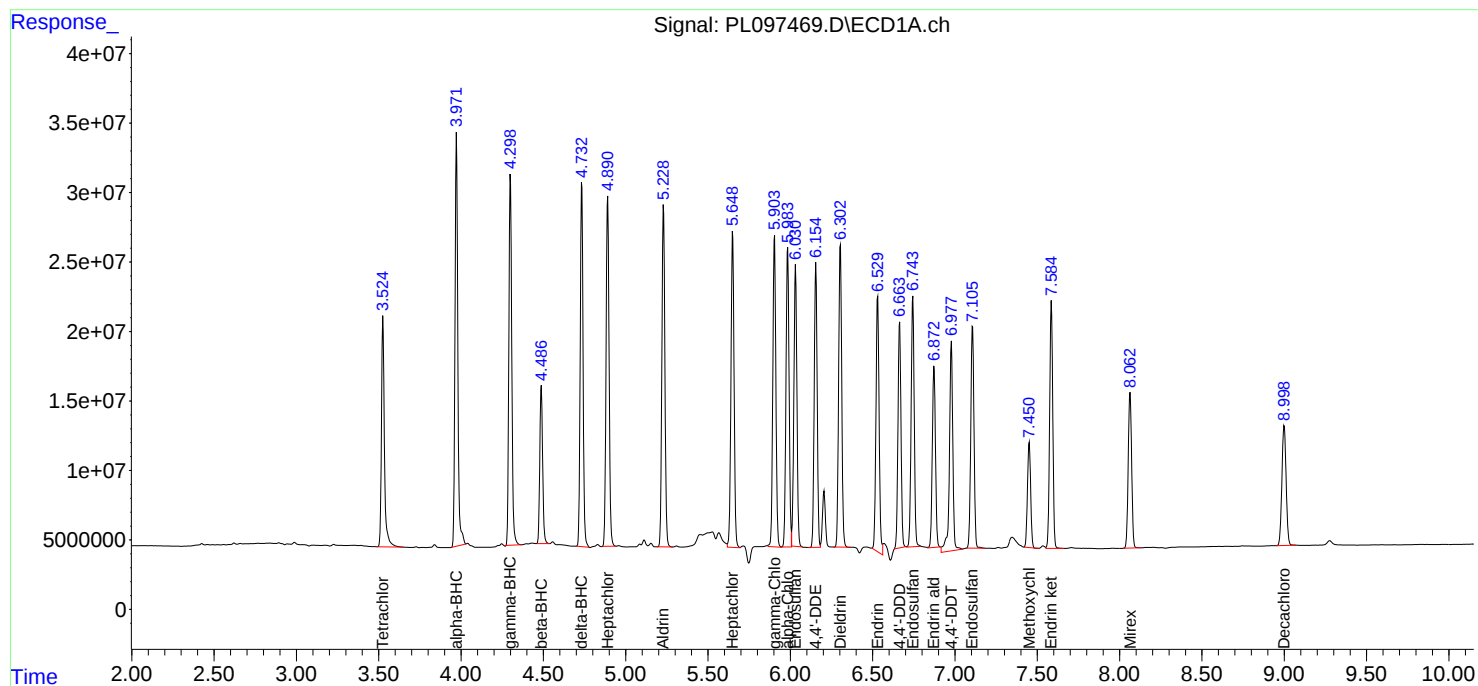
APPROVED

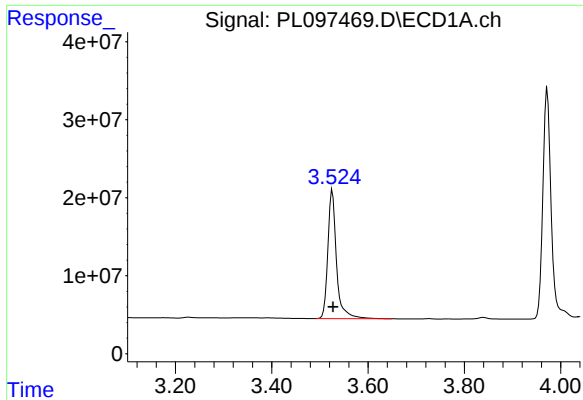
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:02:21 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.: -0.001 min
Response: 206561389
Conc: 45.63 ng/ml

Instrument :

ECD_L

ClientSampleId :

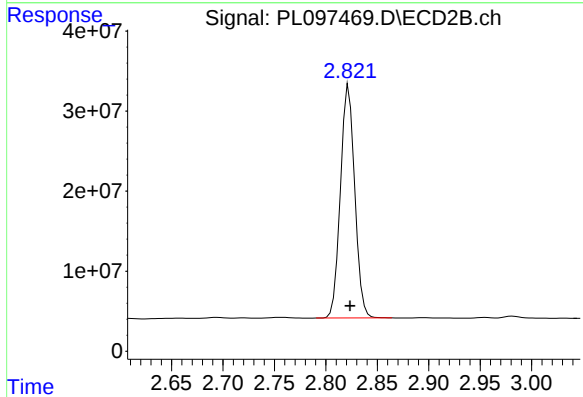
PSTDCCC050

Manual Integrations

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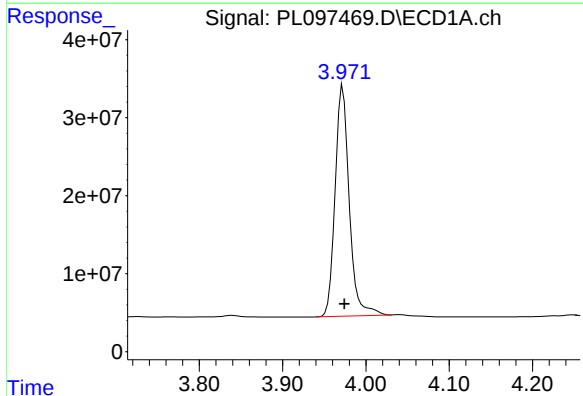
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/06/2025



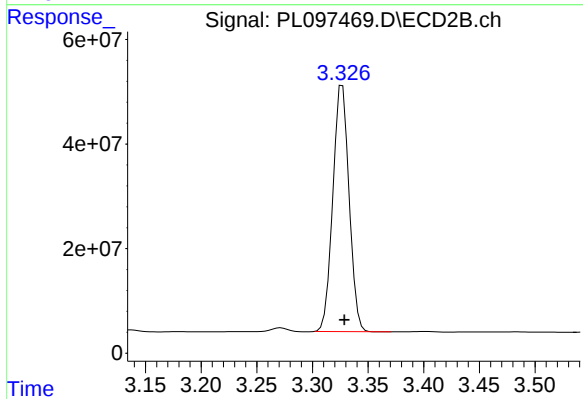
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 281476357
Conc: 42.81 ng/ml



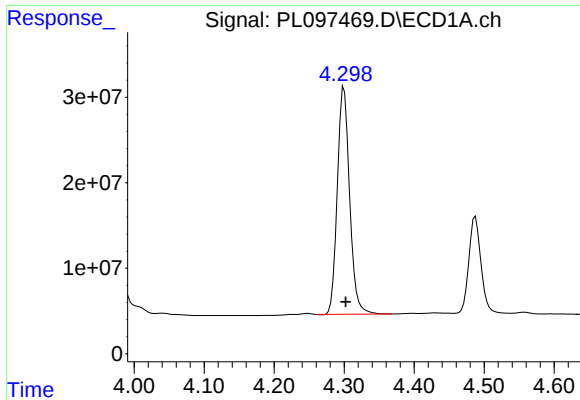
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 349471395
Conc: 50.01 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 478544754
Conc: 48.06 ng/ml



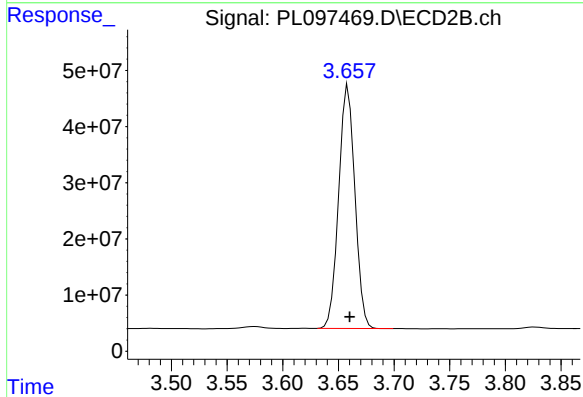
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 324930734
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

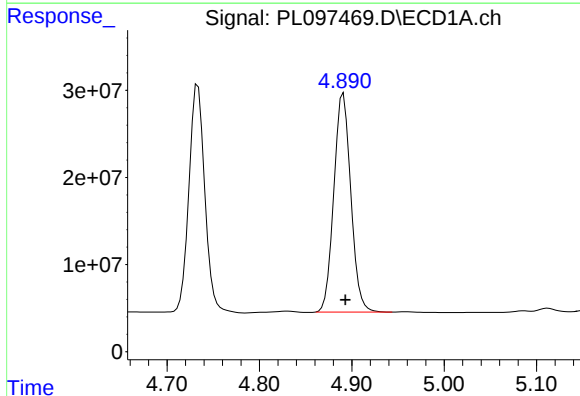
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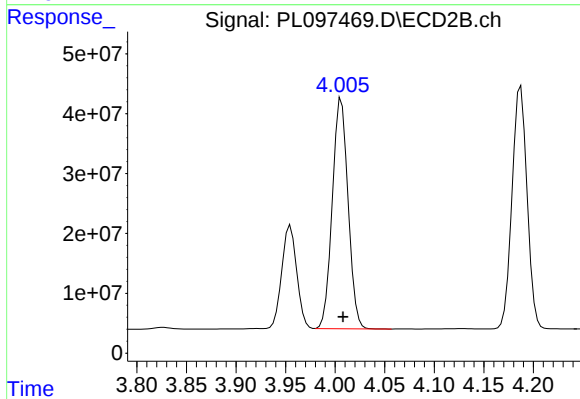
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 439529469
Conc: 47.19 ng/ml



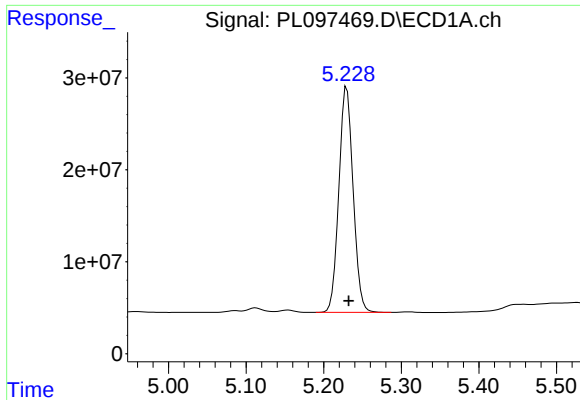
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 320688541
Conc: 48.08 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 426077437
Conc: 45.79 ng/ml



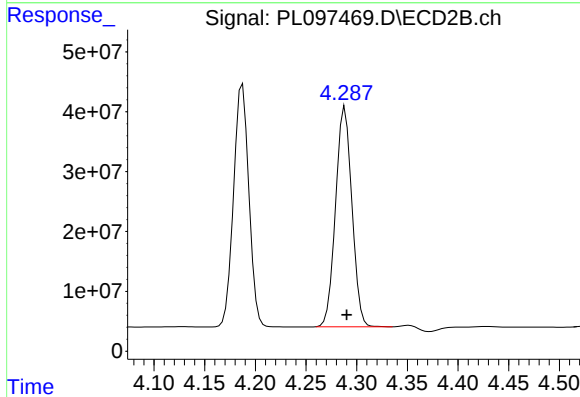
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 313415544
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

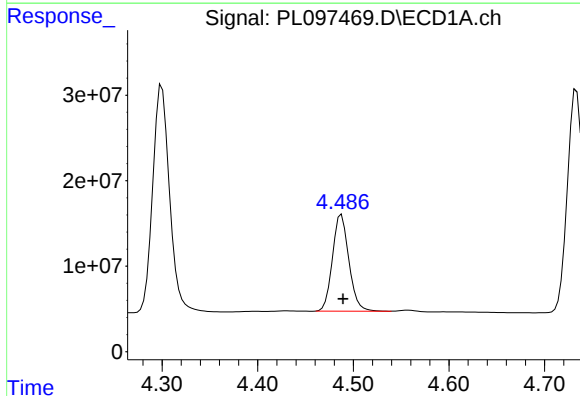
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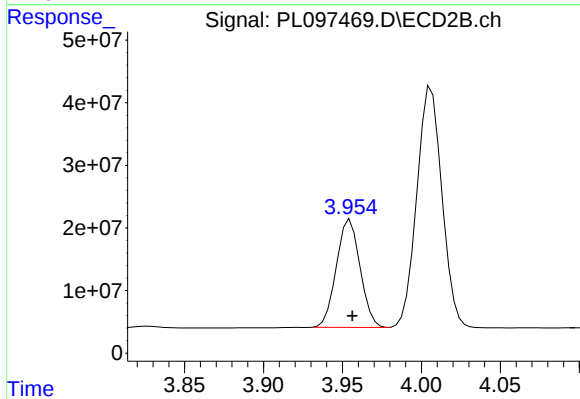
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.002 min
Response: 412775915
Conc: 47.56 ng/ml



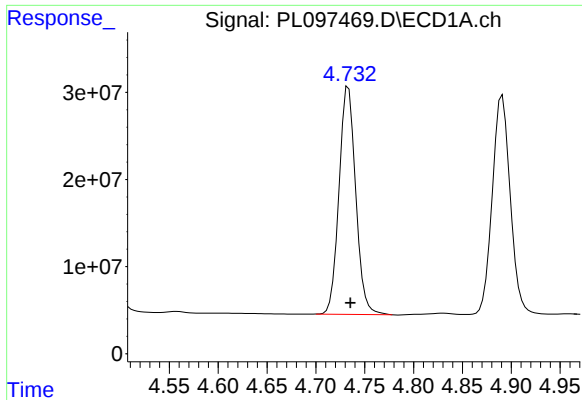
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 134626681
Conc: 49.38 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.001 min
Response: 180708049
Conc: 44.49 ng/ml



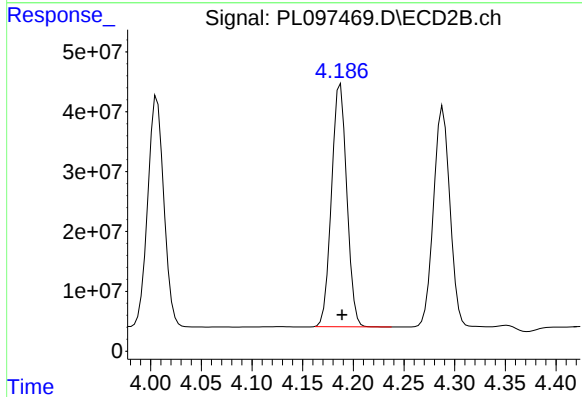
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 311357940
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

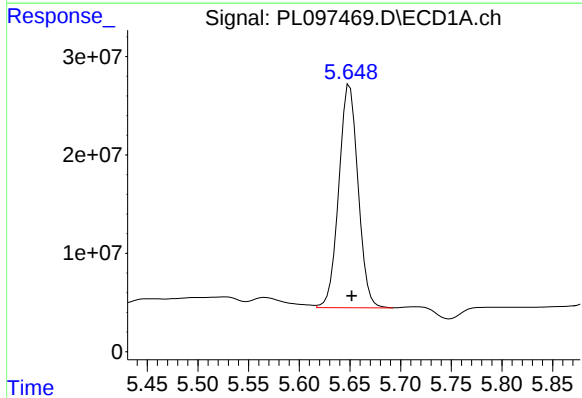
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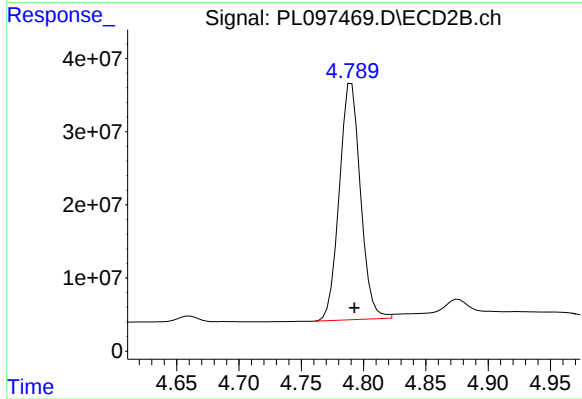
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 426724106
Conc: 46.42 ng/ml



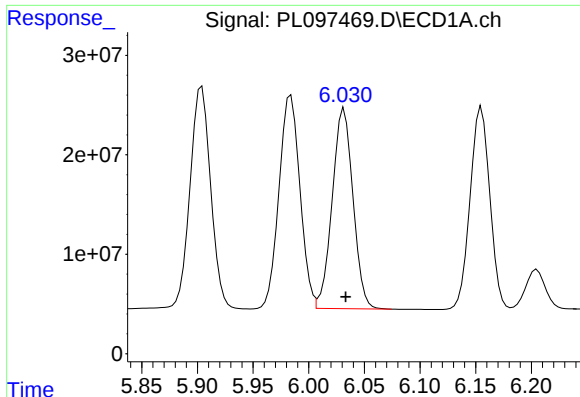
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 299732462
Conc: 52.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 383137259
Conc: 48.31 ng/ml



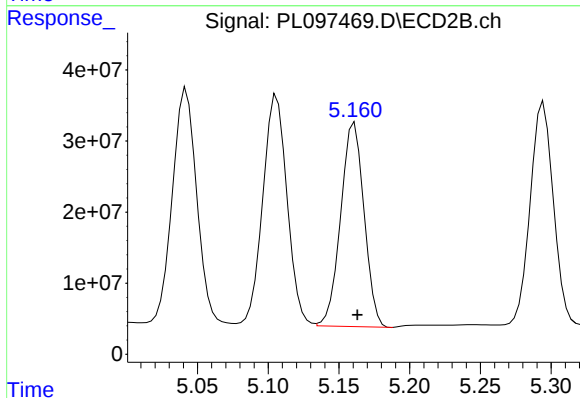
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 260976995
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

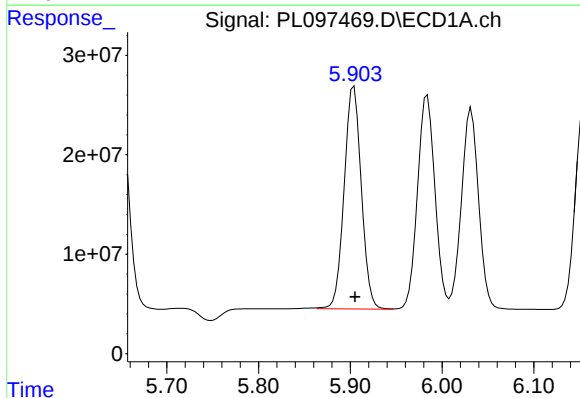
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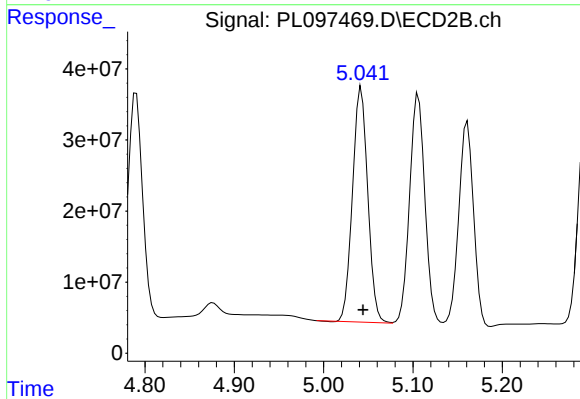
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 330763776
Conc: 43.05 ng/ml



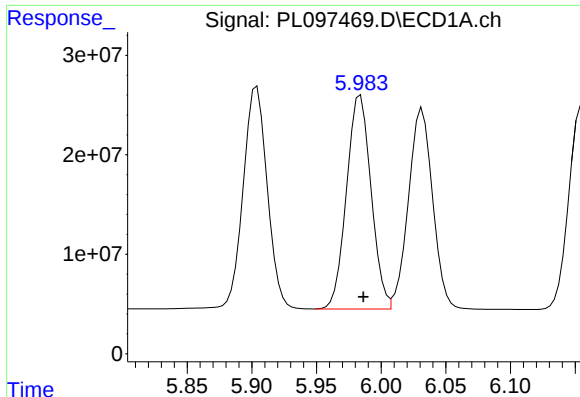
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 290236236
Conc: 51.34 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 392636078
Conc: 44.96 ng/ml



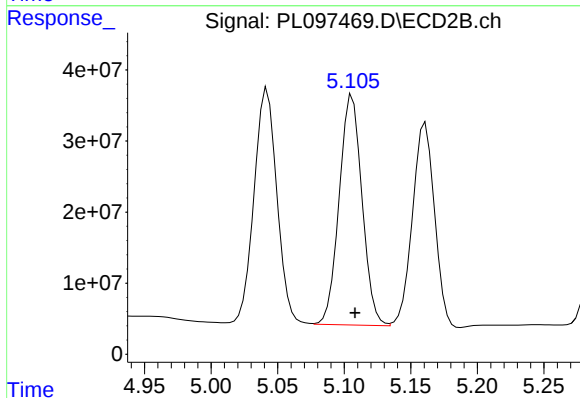
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 286319828
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

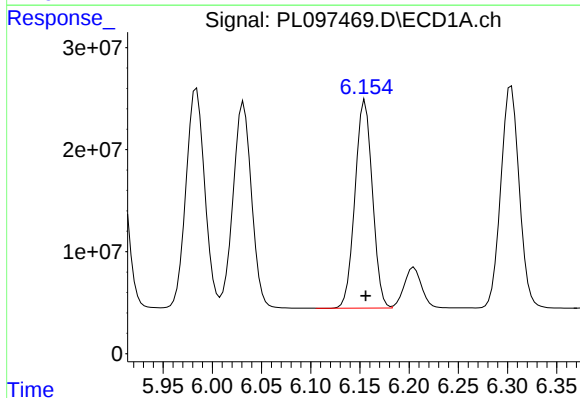
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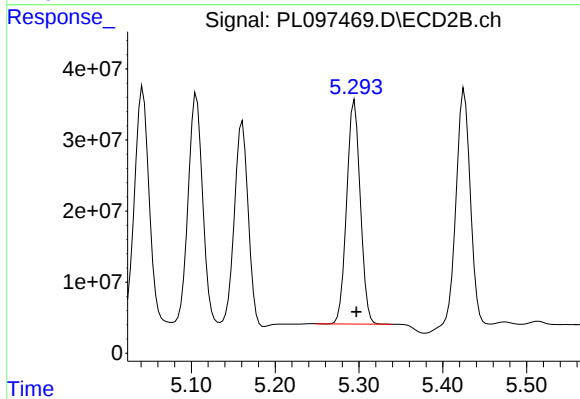
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 386607776
Conc: 46.58 ng/ml



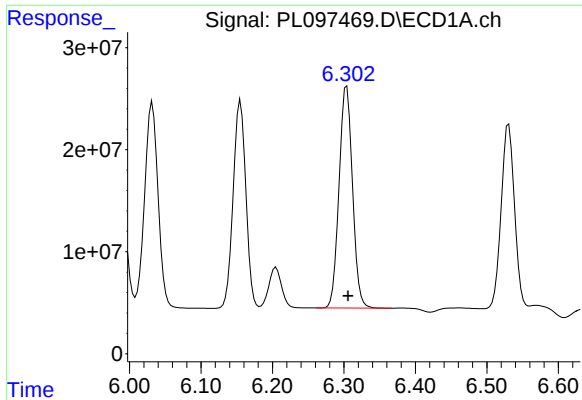
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 250966181
Conc: 52.67 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 356785519
Conc: 46.43 ng/ml



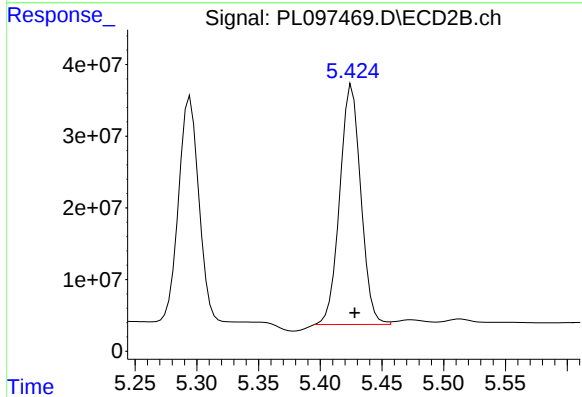
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.002 min
Response: 283625395
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

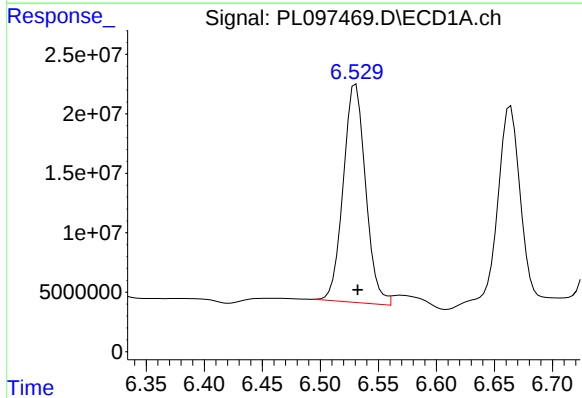
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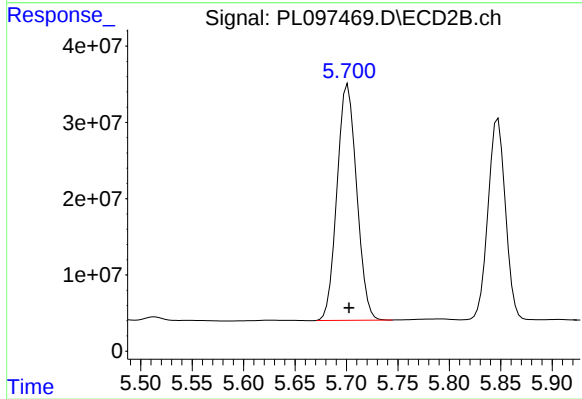
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 396353705
Conc: 48.47 ng/ml m



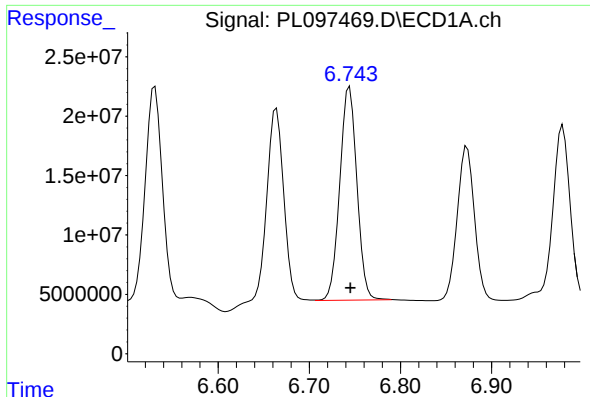
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.002 min
Response: 245655095
Conc: 53.25 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 411435228
Conc: 54.78 ng/ml



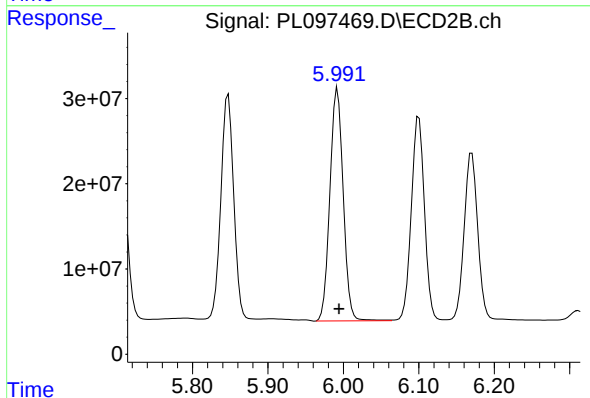
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 234853803
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

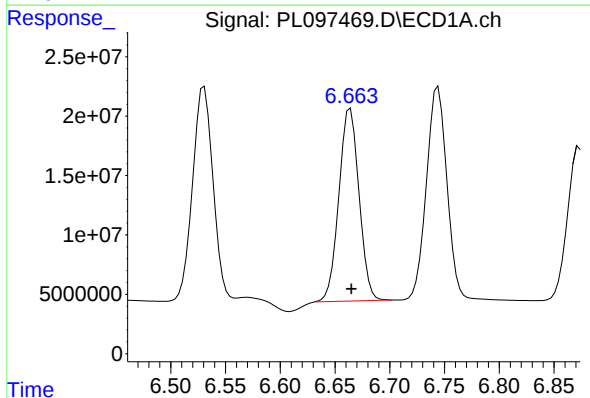
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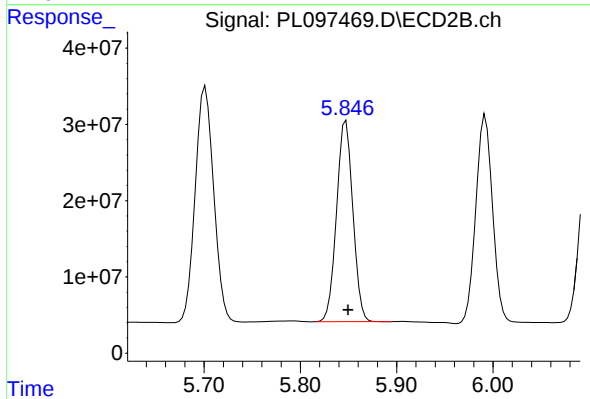
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 334578201
Conc: 47.06 ng/ml



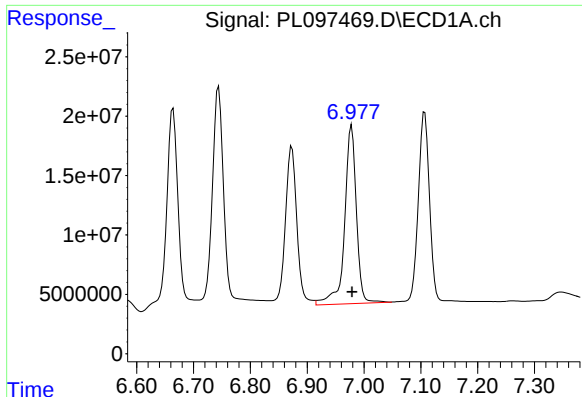
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 207497876
Conc: 55.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 309944235
Conc: 48.06 ng/ml



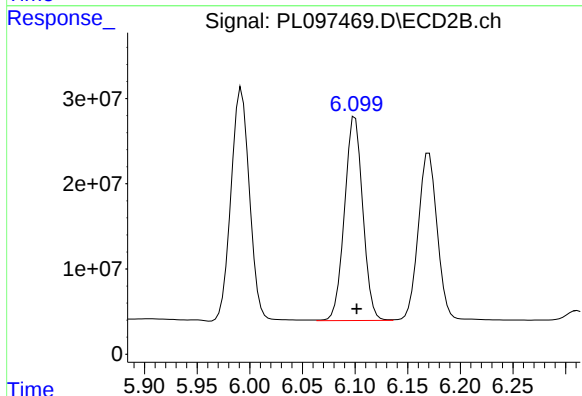
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 216110095
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

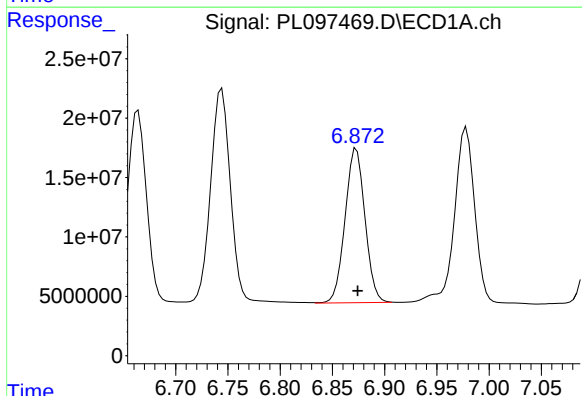
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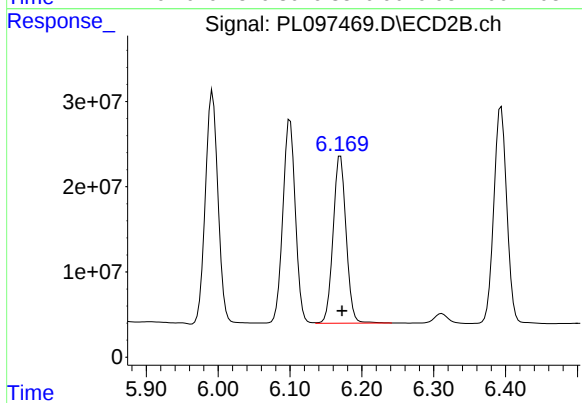
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.001 min
Response: 289921207
Conc: 41.89 ng/ml



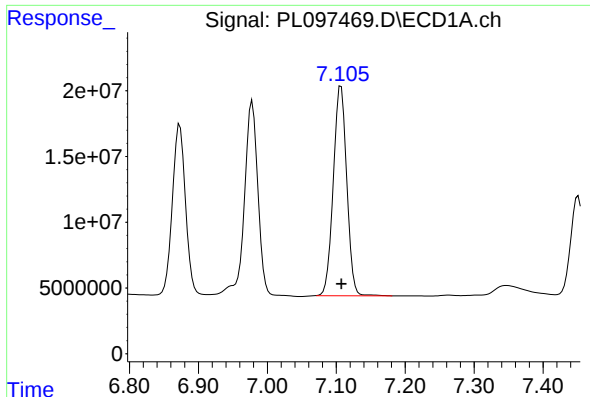
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 172090145
Conc: 55.82 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 246087791
Conc: 46.11 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 215869353
Conc: 52.87 ng/ml

Instrument :

ECD_L

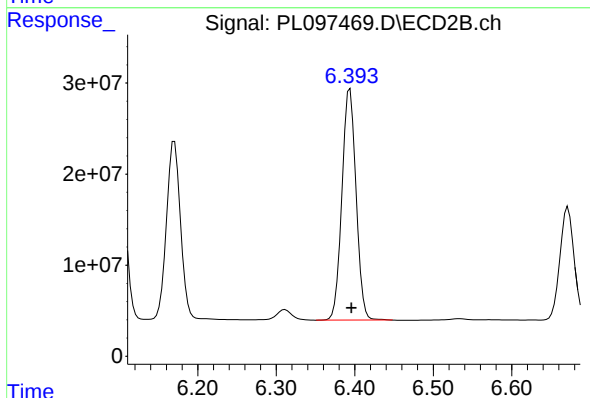
ClientSampleId :

PSTDCCC050

Manual Integrations

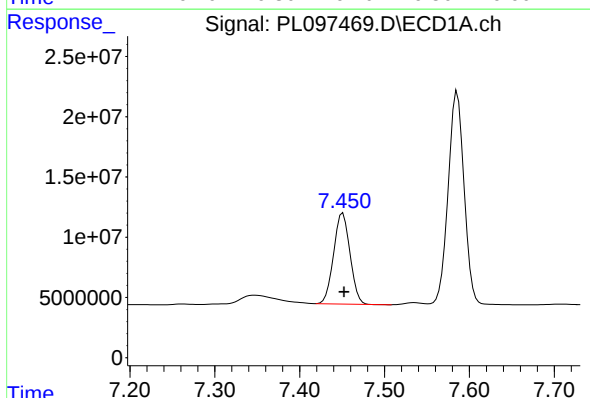
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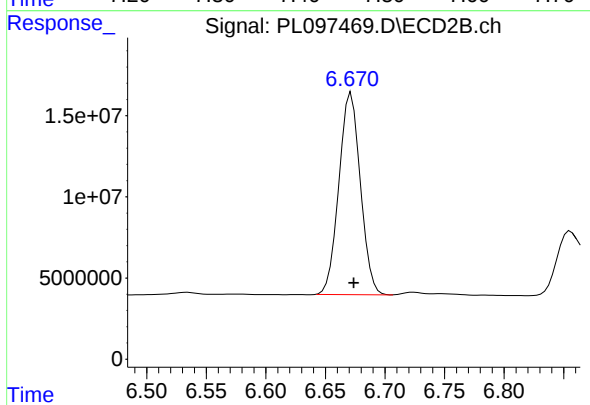
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 318121687
Conc: 46.44 ng/ml



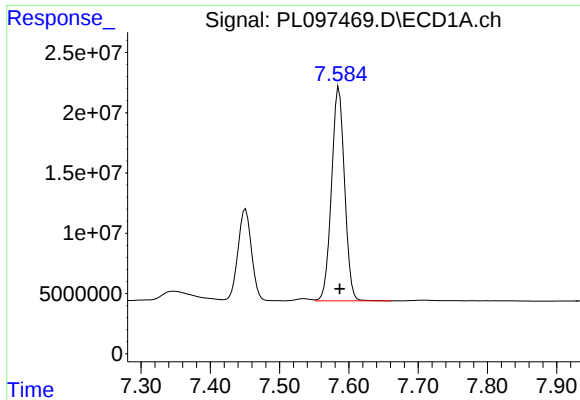
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.001 min
Response: 100976987
Conc: 48.42 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 155825717
Conc: 41.34 ng/ml



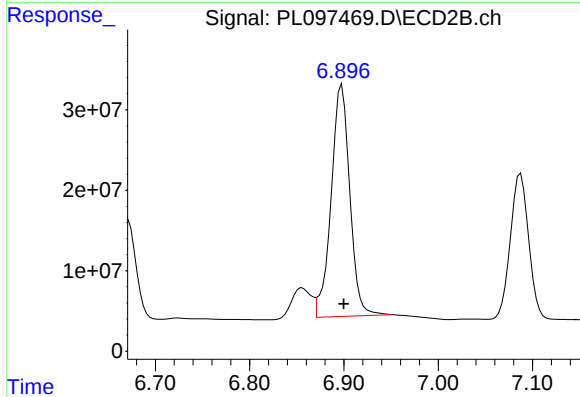
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 231853158
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

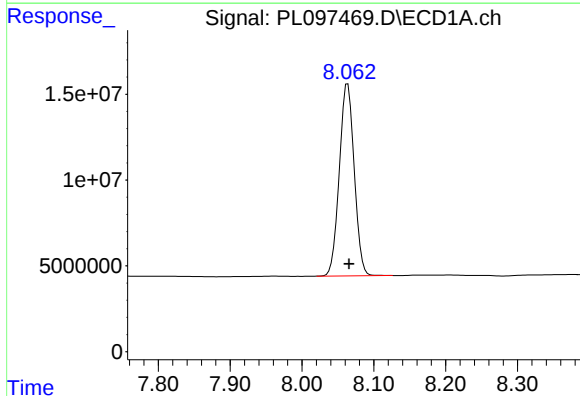
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



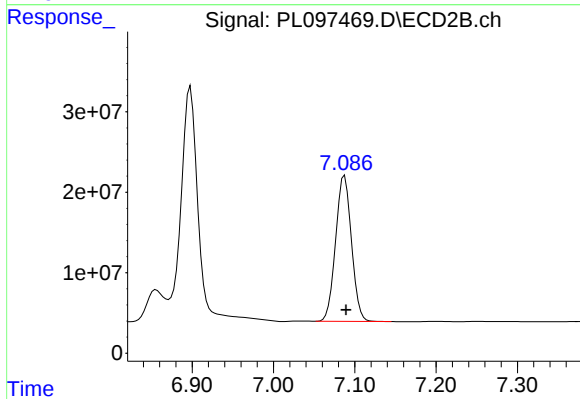
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 396891266
Conc: 52.71 ng/ml



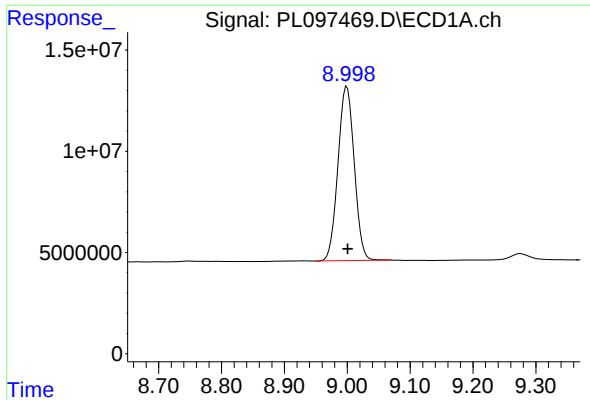
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 161074197
Conc: 45.37 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 245394626
Conc: 41.04 ng/ml



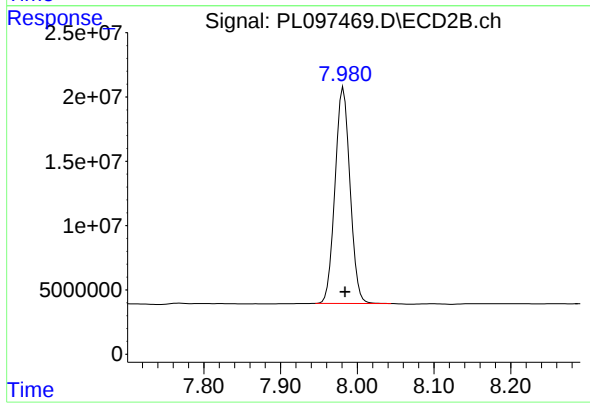
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.001 min
Response: 154997608
Conc: 47.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 228131287
Conc: 40.08 ng/ml