

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
 Data File : PL097762.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 12:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/03/2025
 Supervised By : mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 01:03:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 26 07:07:11 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...	3.505	2.801	233.0E6	316.7E6	45.470	44.278
28)	SA Decachlor...	8.973	7.954	138.4E6	214.2E6	43.119	45.514
Target Compounds							
2)	A alpha-BHC	3.952	3.305	409.2E6	515.0E6	48.234	44.956
3)	MA gamma-BHC...	4.281	3.636	362.1E6	472.8E6	46.452	46.066
4)	MA Heptachlor	4.871	3.982	350.0E6	427.8E6	46.917	45.217
5)	MB Aldrin	5.210	4.263	331.7E6	428.2E6	48.336	45.135
6)	B beta-BHC	4.470	3.932	156.3E6	197.2E6	47.871	44.575
7)	B delta-BHC	4.715	4.164	351.5E6	462.7E6	50.364	45.165
8)	B Heptachlo...	5.630	4.763	304.9E6	401.6E6	48.483	47.853m
9)	A Endosulfan I	6.011	5.133	259.3E6	357.4E6	48.071	41.319m
10)	B gamma-Chl...	5.883	5.016	276.6E6	400.7E6	46.293m	44.773
11)	B alpha-Chl...	5.964	5.080	282.1E6	393.1E6	47.166	41.984
12)	B 4,4'-DDE	6.136	5.267	254.6E6	370.1E6	47.525	45.476m
13)	MA Dieldrin	6.284	5.399	260.4E6	402.5E6	46.557	46.576
14)	MA Endrin	6.510	5.673	222.2E6	347.6E6	48.265	45.218
15)	B Endosulfa...	6.723	5.966	231.9E6	334.1E6	45.708m	45.891
16)	A 4,4'-DDD	6.645	5.822	192.5E6	307.7E6	45.218	45.484
17)	MA 4,4'-DDT	6.959	6.074	191.5E6	249.5E6	52.485	50.620
18)	B Endrin al...	6.853	6.144	169.0E6	242.5E6	46.515	42.944
19)	B Endosulfa...	7.087	6.367	205.2E6	317.1E6	46.635	46.200
20)	A Methoxychlor	7.432	6.646	94404421	129.0E6	50.021	48.023
21)	B Endrin ke...	7.565	6.871	210.2E6	336.0E6	48.161	46.115
22)	Mirex	8.043	7.059	138.8E6	242.2E6	45.678	46.802

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120225\
Data File : PL097762.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 12:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

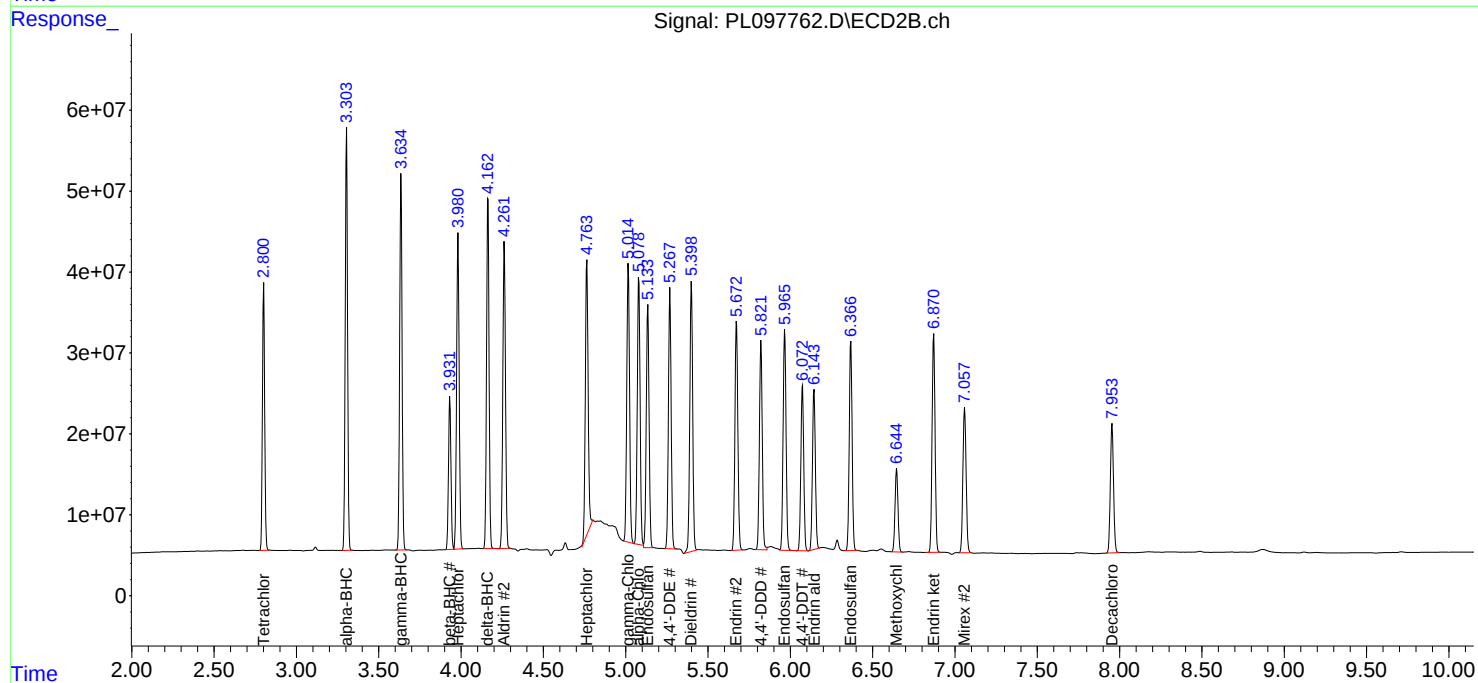
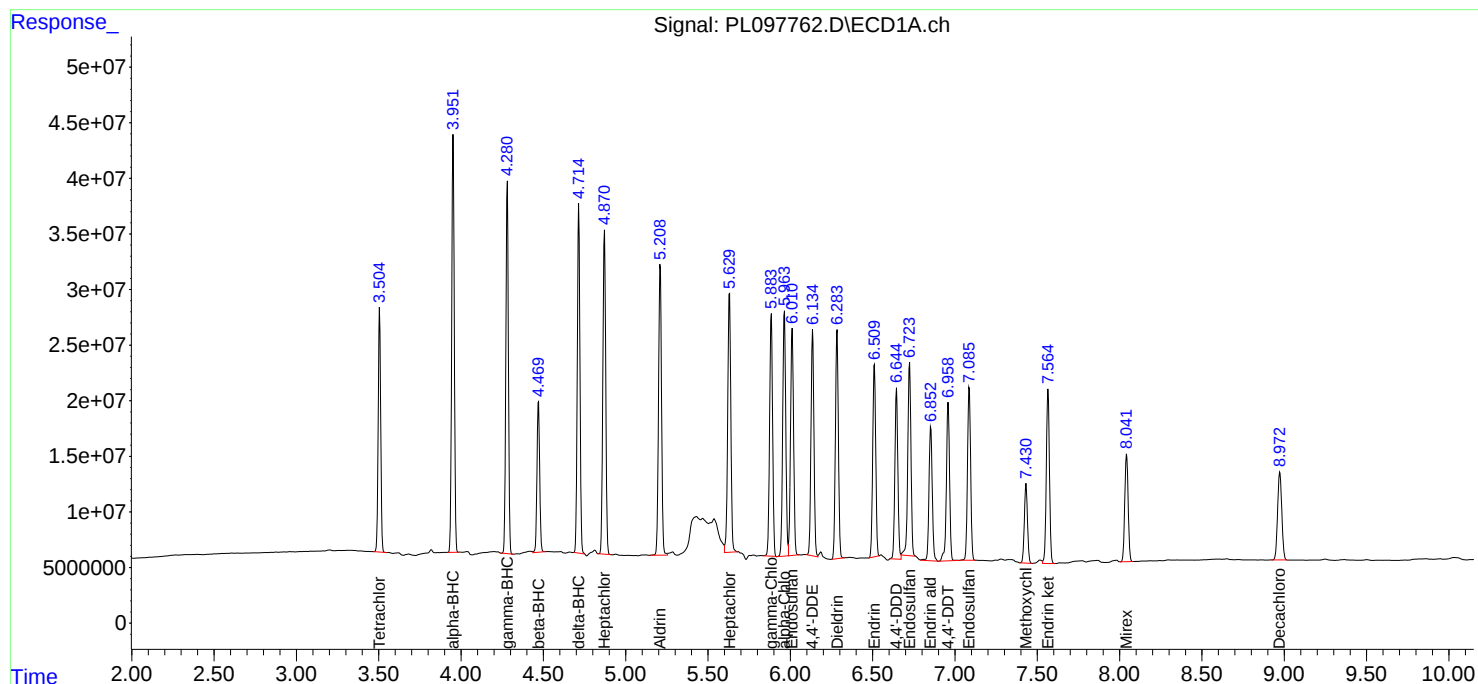
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

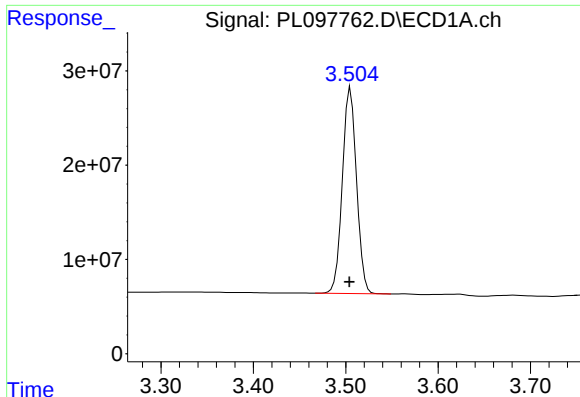
Manual Integrations
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Supervised By :mohammad ahmed 12/04/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:03:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
QLast Update : Wed Nov 26 07:07:11 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





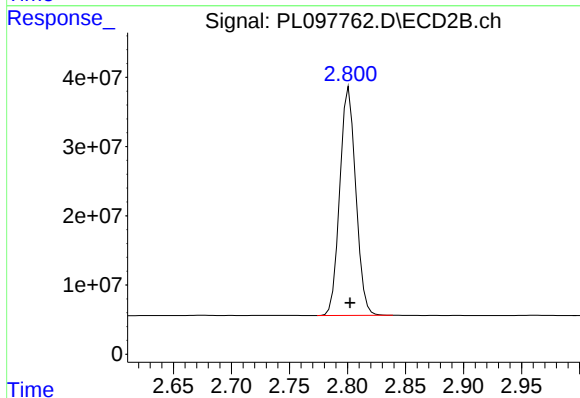
#1 Tetrachloro-m-xylene

R.T.: 3.505 min
Delta R.T.: 0.001 min
Response: 232978327
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

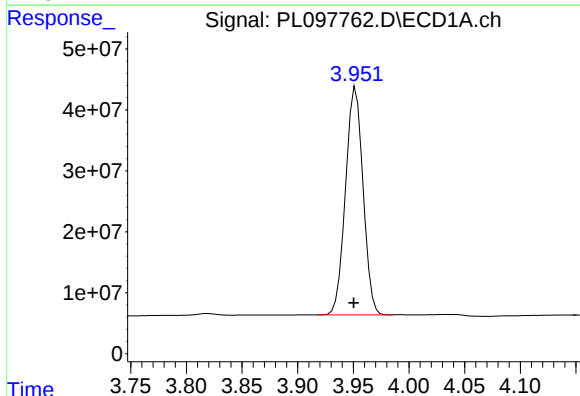
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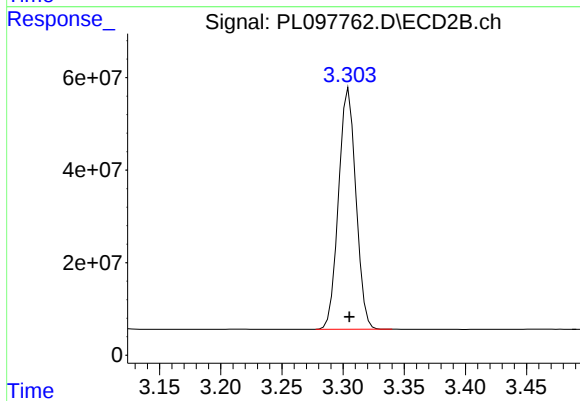
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 316720051
Conc: 44.28 ng/ml



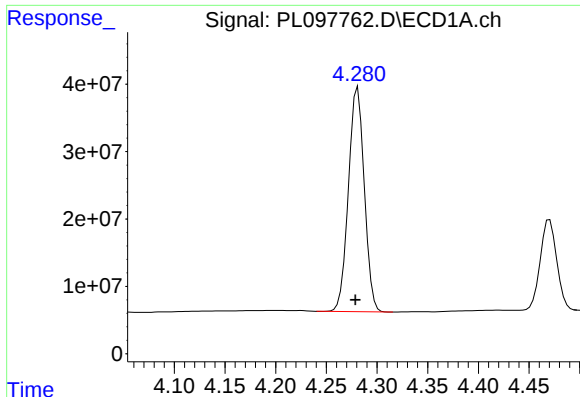
#2 alpha-BHC

R.T.: 3.952 min
Delta R.T.: 0.002 min
Response: 409203532
Conc: 48.23 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 514958079
Conc: 44.96 ng/ml



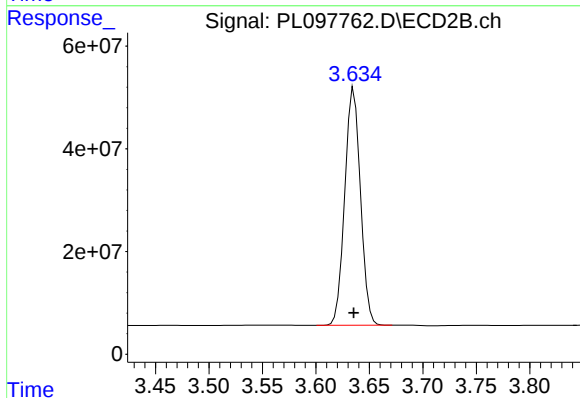
#3 gamma-BHC (Lindane)

R.T.: 4.281 min
Delta R.T.: 0.002 min
Response: 362073775
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

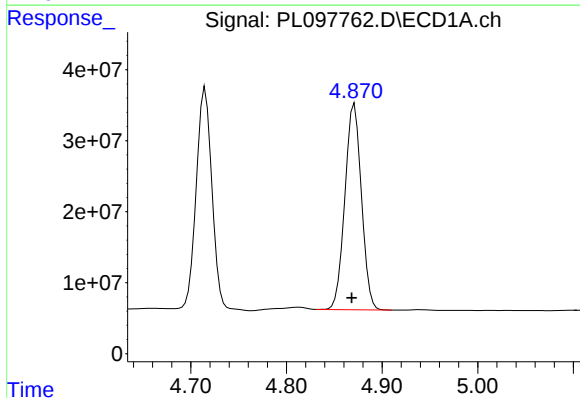
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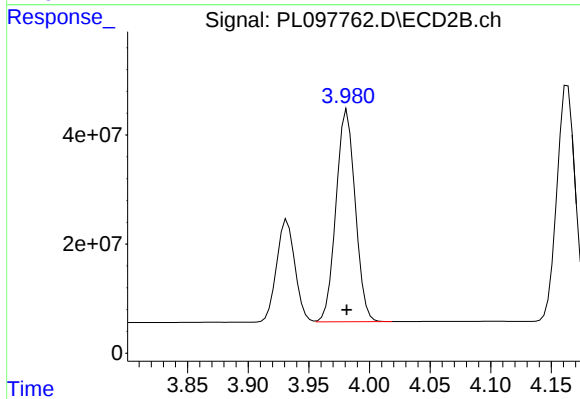
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 472833054
Conc: 46.07 ng/ml



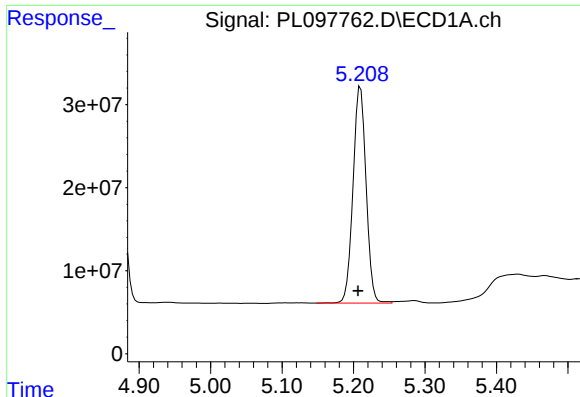
#4 Heptachlor

R.T.: 4.871 min
Delta R.T.: 0.003 min
Response: 349999094
Conc: 46.92 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 427847449
Conc: 45.22 ng/ml



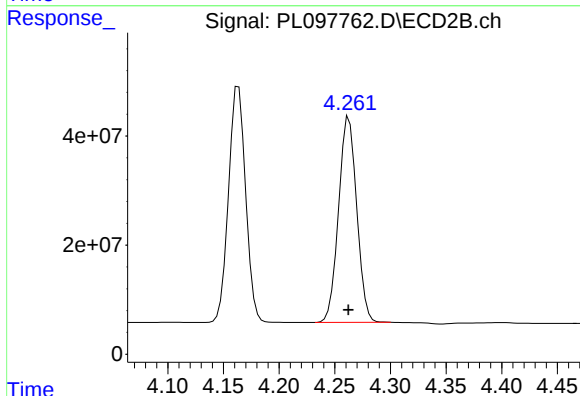
#5 Aldrin

R.T.: 5.210 min
Delta R.T.: 0.003 min
Response: 331684419
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

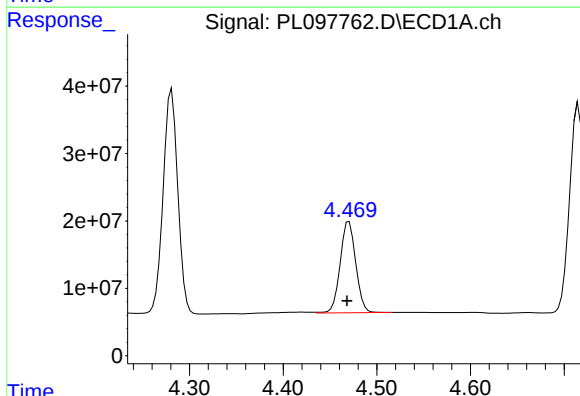
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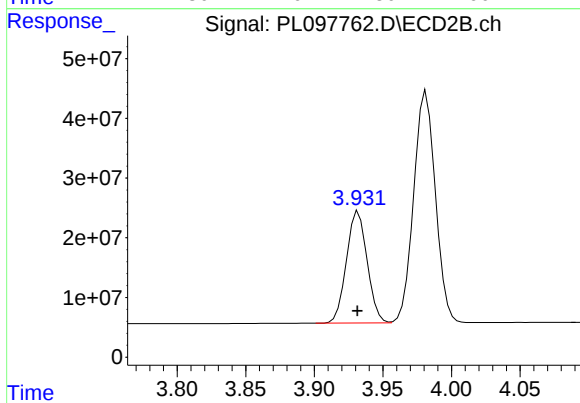
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 428207711
Conc: 45.13 ng/ml



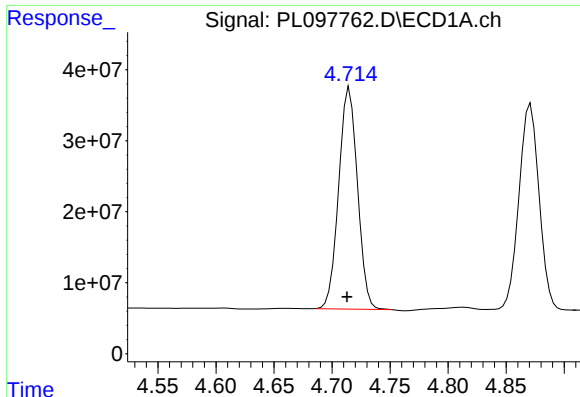
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.002 min
Response: 156308073
Conc: 47.87 ng/ml



#6 beta-BHC

R.T.: 3.932 min
Delta R.T.: 0.000 min
Response: 197194511
Conc: 44.57 ng/ml



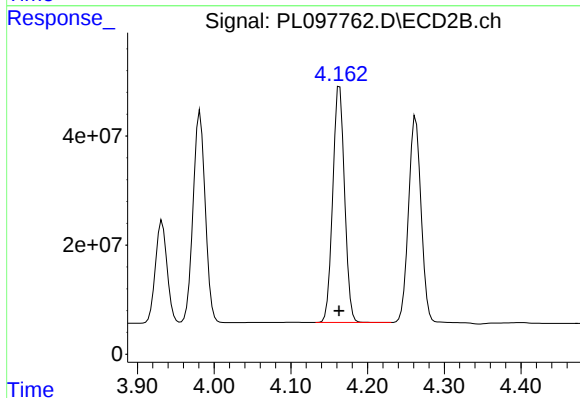
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.002 min
Response: 351529800
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

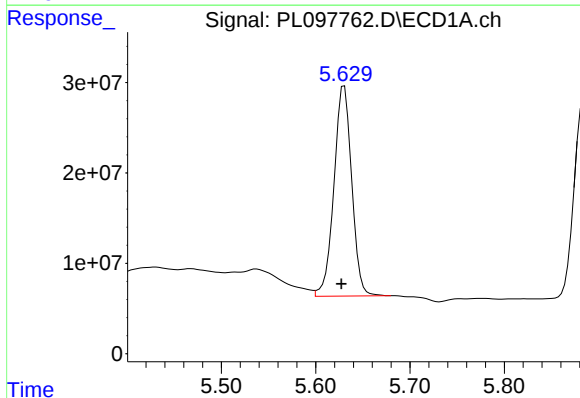
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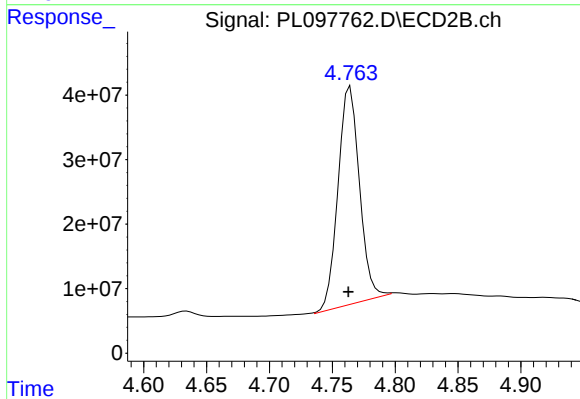
#7 delta-BHC

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 462727795
Conc: 45.16 ng/ml



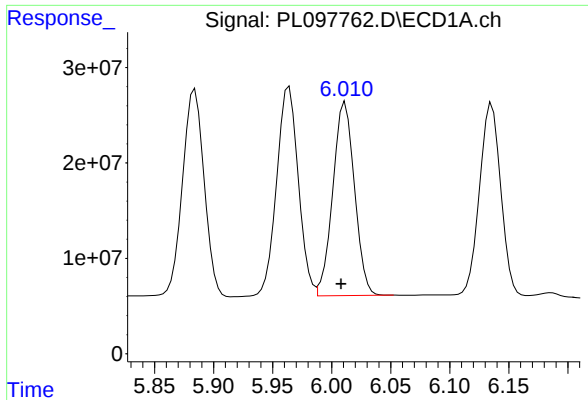
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.003 min
Response: 304887323
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 401581544
Conc: 47.85 ng/ml m



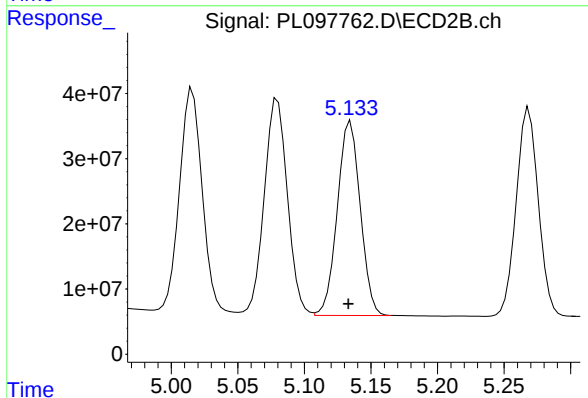
#9 Endosulfan I

R.T.: 6.011 min
Delta R.T.: 0.003 min
Response: 259344931
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

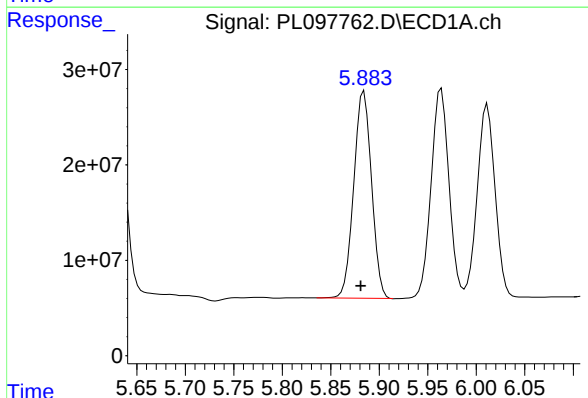
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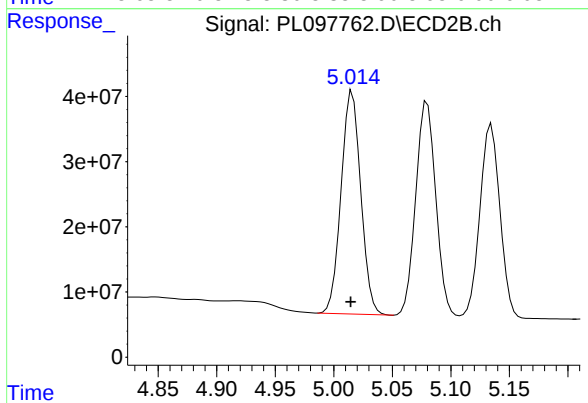
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 357367863
Conc: 41.32 ng/ml m



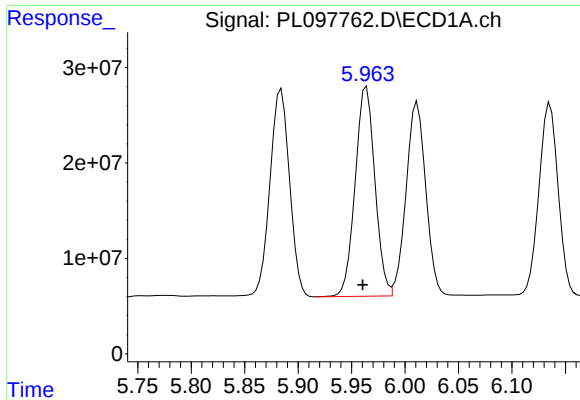
#10 gamma-Chlordane

R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 276646771
Conc: 46.29 ng/ml m



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.001 min
Response: 400724413
Conc: 44.77 ng/ml



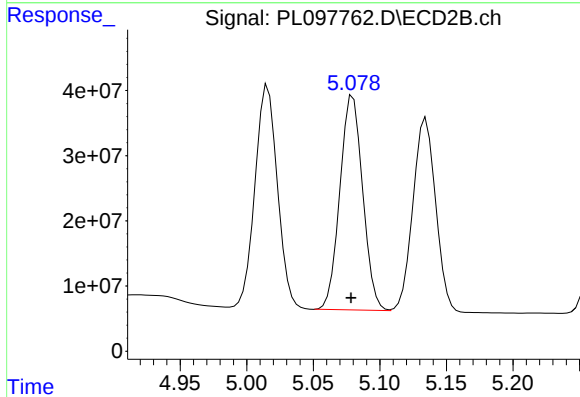
#11 alpha-Chlordane

R.T.: 5.964 min
Delta R.T.: 0.004 min
Response: 282135770
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

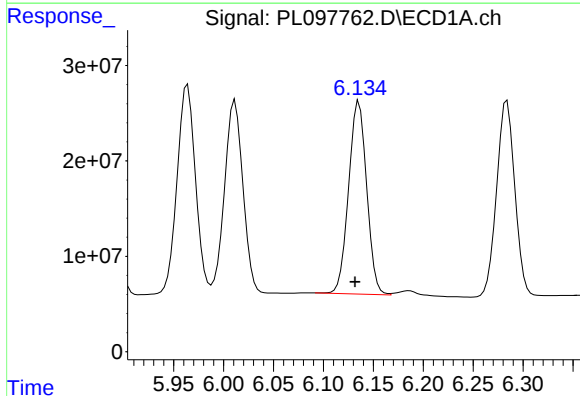
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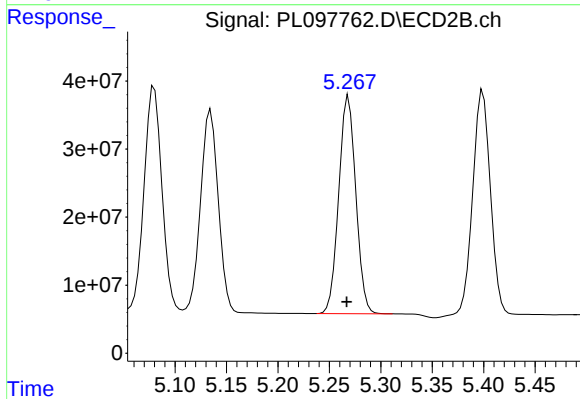
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.001 min
Response: 393109185
Conc: 41.98 ng/ml



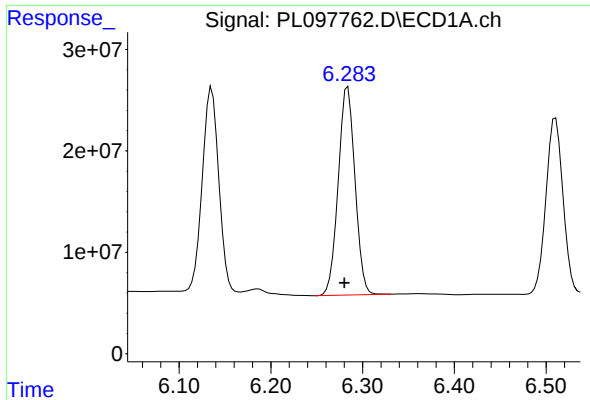
#12 4,4'-DDE

R.T.: 6.136 min
Delta R.T.: 0.004 min
Response: 254601307
Conc: 47.53 ng/ml



#12 4,4'-DDE

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 370128978
Conc: 45.48 ng/ml m



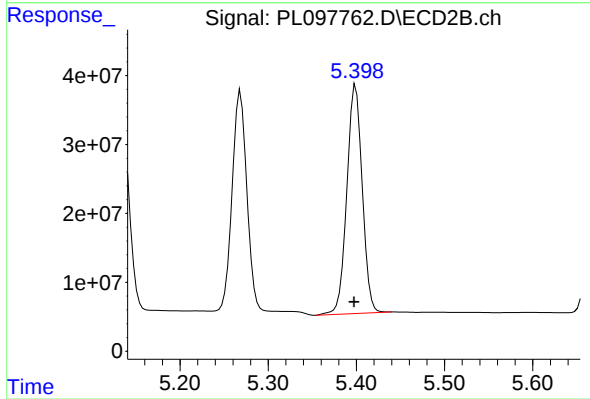
#13 Dieldrin

R.T.: 6.284 min
Delta R.T.: 0.004 min
Response: 260412286
Conc: 46.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

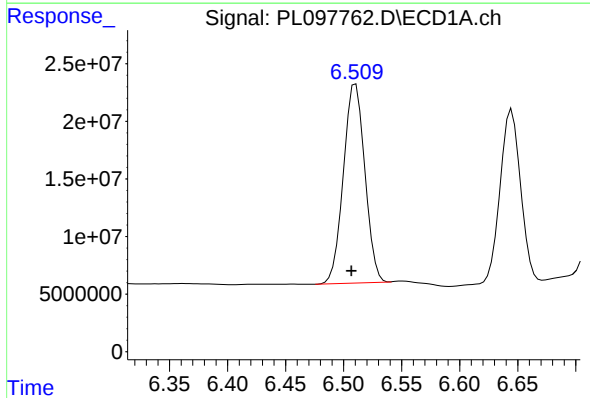
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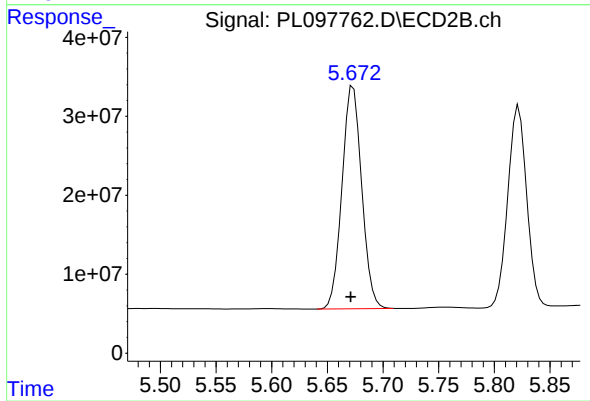
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: 0.002 min
Response: 402454087
Conc: 46.58 ng/ml



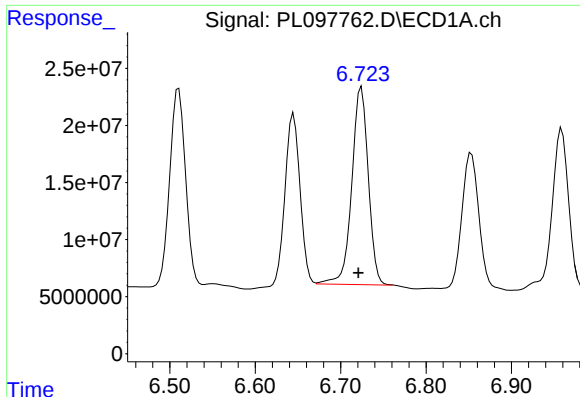
#14 Endrin

R.T.: 6.510 min
Delta R.T.: 0.004 min
Response: 222188898
Conc: 48.27 ng/ml



#14 Endrin

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 347551884
Conc: 45.22 ng/ml



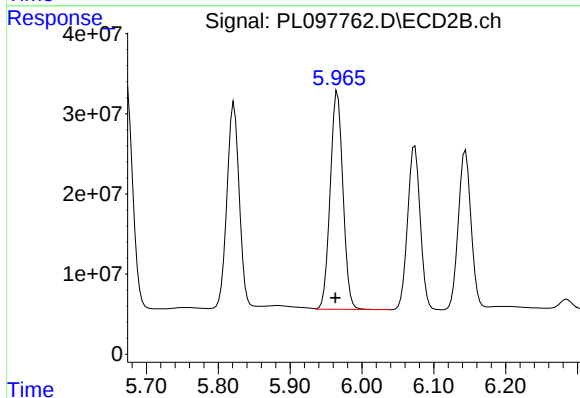
#15 Endosulfan II

R.T.: 6.723 min
Delta R.T.: 0.002 min
Response: 231879166
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

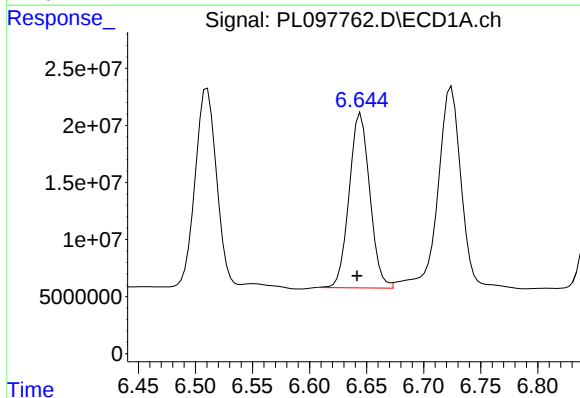
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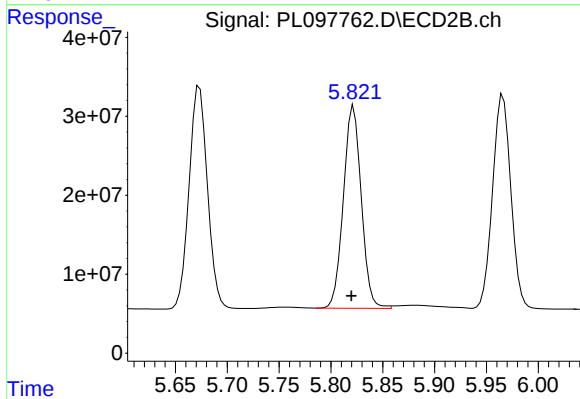
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.003 min
Response: 334052546
Conc: 45.89 ng/ml



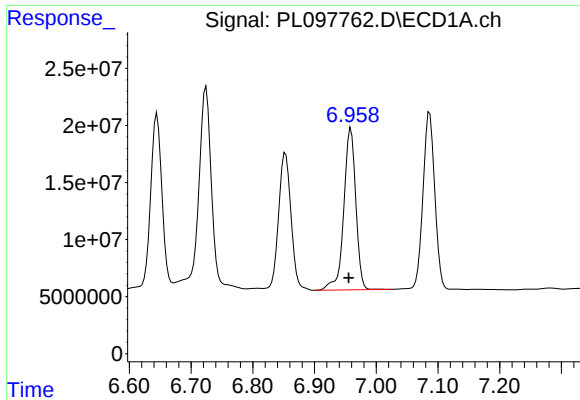
#16 4,4'-DDD

R.T.: 6.645 min
Delta R.T.: 0.003 min
Response: 192519633
Conc: 45.22 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 307686073
Conc: 45.48 ng/ml



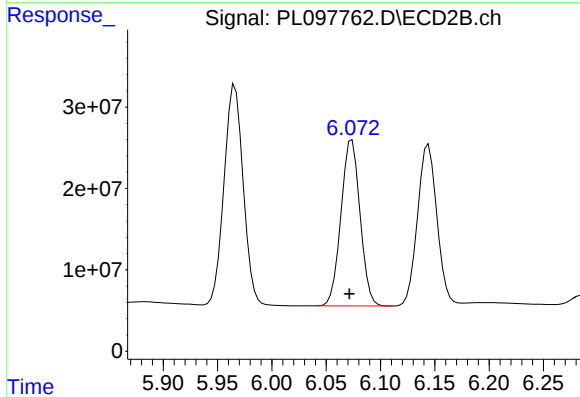
#17 4,4'-DDT

R.T.: 6.959 min
Delta R.T.: 0.004 min
Response: 191514408
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

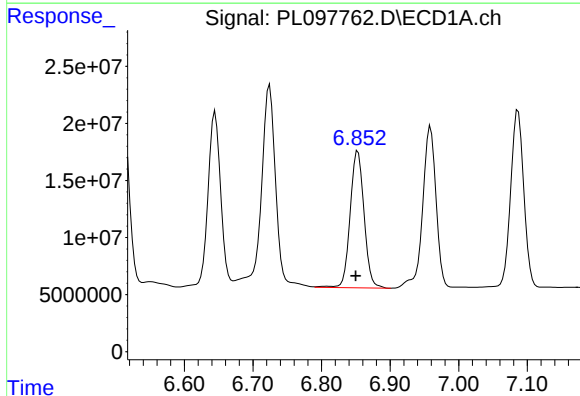
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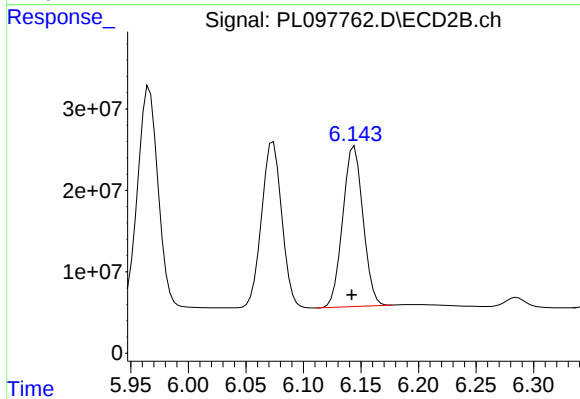
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: 0.003 min
Response: 249463615
Conc: 50.62 ng/ml



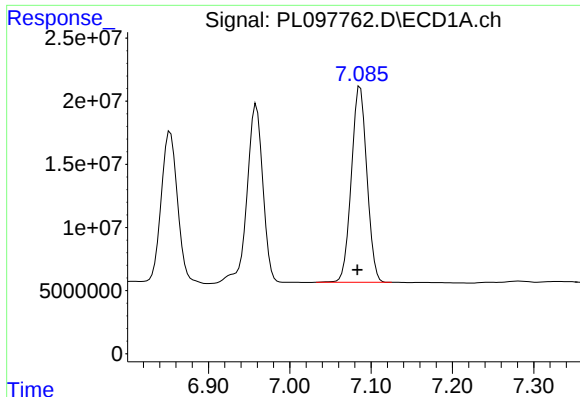
#18 Endrin aldehyde

R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 168970045
Conc: 46.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 242492129
Conc: 42.94 ng/ml



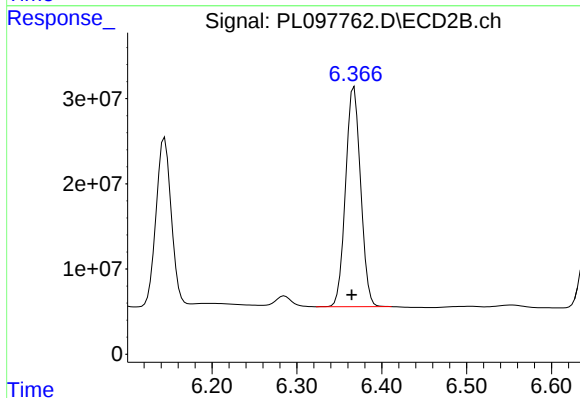
#19 Endosulfan Sulfate

R.T.: 7.087 min
Delta R.T.: 0.003 min
Response: 205181983
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

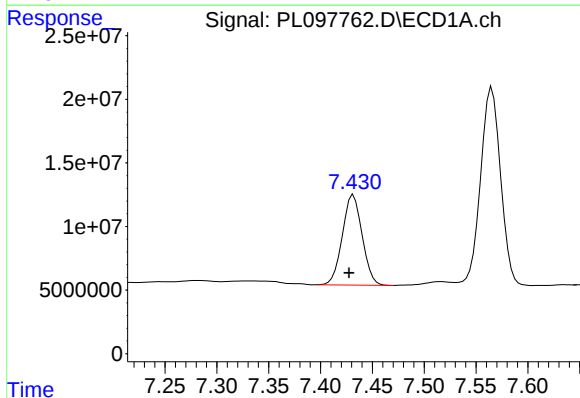
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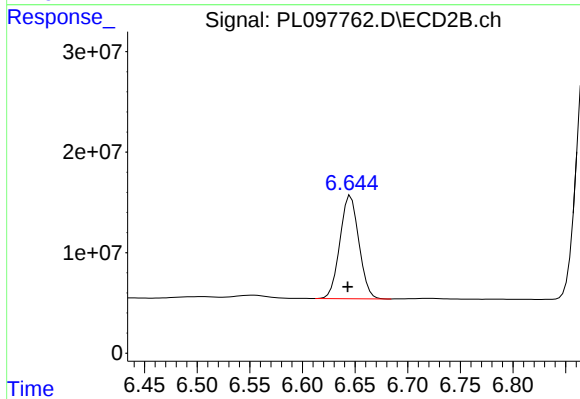
#19 Endosulfan Sulfate

R.T.: 6.367 min
Delta R.T.: 0.003 min
Response: 317063043
Conc: 46.20 ng/ml



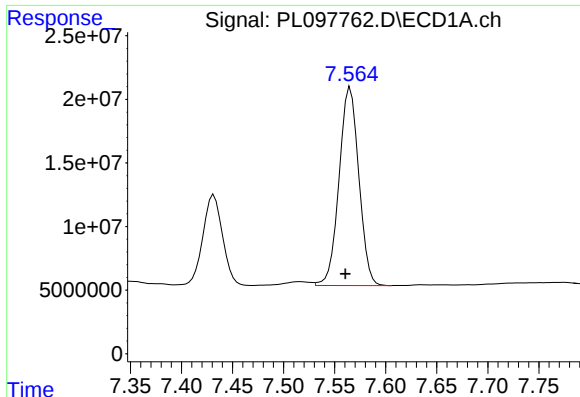
#20 Methoxychlor

R.T.: 7.432 min
Delta R.T.: 0.004 min
Response: 94404421
Conc: 50.02 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.003 min
Response: 129000630
Conc: 48.02 ng/ml



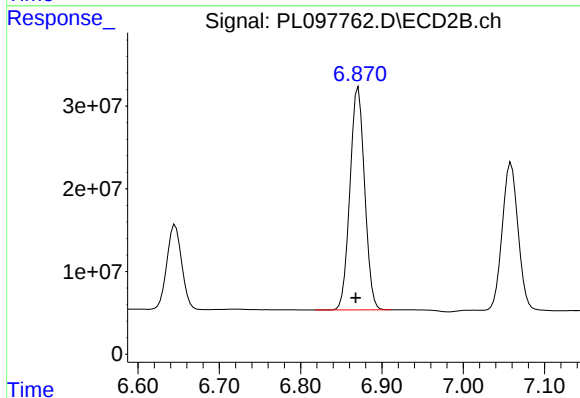
#21 Endrin ketone

R.T.: 7.565 min
Delta R.T.: 0.005 min
Response: 210169282
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

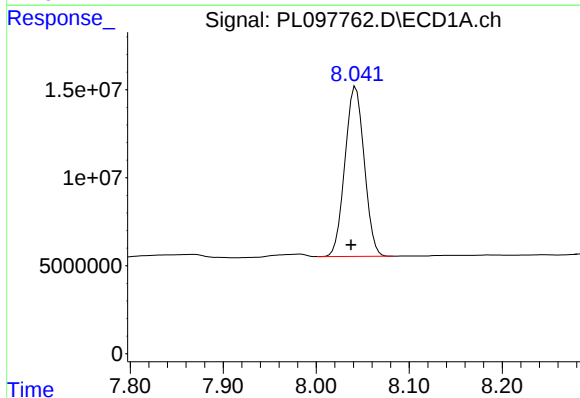
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



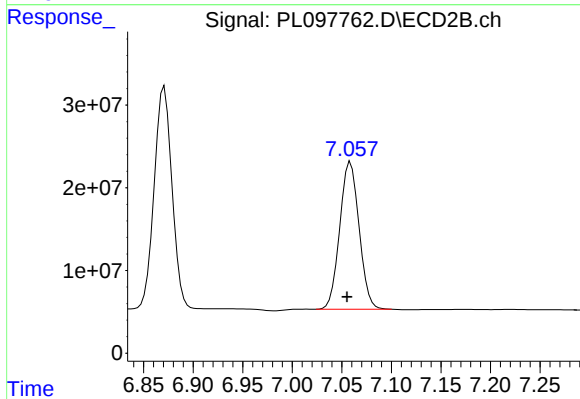
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.003 min
Response: 335966964
Conc: 46.12 ng/ml



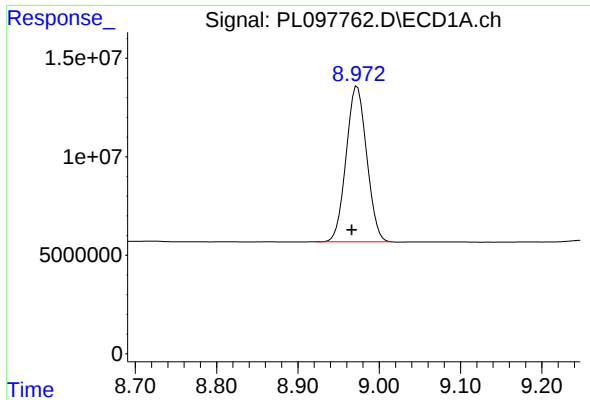
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.005 min
Response: 138846692
Conc: 45.68 ng/ml



#22 Mirex

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 242167538
Conc: 46.80 ng/ml



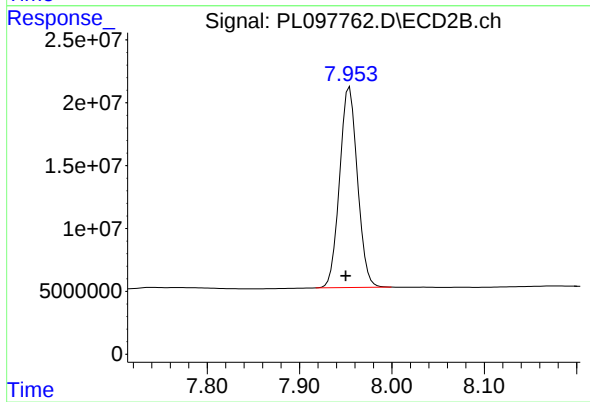
#28 Decachlorobiphenyl

R.T.: 8.973 min
Delta R.T.: 0.007 min
Response: 138398864
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/03/2025
Supervised By :mohammad ahmed 12/04/2025



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: 0.004 min
Response: 214225699
Conc: 45.51 ng/ml