

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 19:27
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:22:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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	2.823	189.6E6	269.4E6	48.083	47.798
28)	SA Decachlor...	8.999	7.983	131.3E6	235.2E6	44.362	49.051
Target Compounds							
2)	A alpha-BHC	3.973	3.327	287.9E6	412.9E6	49.684	50.282
3)	MA gamma-BHC...	4.301	3.659	268.7E6	384.2E6	49.188	52.152
4)	MA Heptachlor	4.892	4.007	264.3E6	376.4E6	49.568	50.026
5)	MB Aldrin	5.231	4.289	253.5E6	358.9E6	48.244	51.030
6)	B beta-BHC	4.488	3.955	111.9E6	162.8E6	48.950	49.906
7)	B delta-BHC	4.734	4.188	251.1E6	377.8E6	55.804	51.403
8)	B Heptachlo...	5.649	4.791	236.0E6	323.1E6	45.863m	51.077
9)	A Endosulfan I	6.032	5.162	204.3E6	293.3E6	47.538	48.947
10)	B gamma-Chl...	5.903	5.043	225.3E6	340.9E6	48.922m	51.562
11)	B alpha-Chl...	5.985	5.107	221.4E6	337.0E6	47.038	51.606
12)	B 4,4'-DDE	6.156	5.296	185.4E6	310.8E6	46.471	50.495
13)	MA Dieldrin	6.305	5.425	215.1E6	344.0E6	47.375	52.489m
14)	MA Endrin	6.529	5.701	177.9E6	312.4E6	47.494m	52.882
15)	B Endosulfa...	6.743	5.993	181.0E6	286.6E6	41.094m	50.120
16)	A 4,4'-DDD	6.663	5.848	150.7E6	267.9E6	47.766m	51.303
17)	MA 4,4'-DDT	6.978	6.100	165.0E6	274.2E6	47.096	50.056
18)	B Endrin al...	6.871	6.171	126.0E6	217.3E6	48.433m	52.486
19)	B Endosulfa...	7.106	6.394	161.7E6	281.1E6	47.104	50.178
20)	A Methoxychlor	7.451	6.673	76709751	149.2E6	44.200	49.750
21)	B Endrin ke...	7.586	6.897	168.4E6	341.3E6	47.355	54.528m
22)	Mirex	8.063	7.088	138.0E6	244.6E6	46.141	50.367

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

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Data File : PL097159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 19:27
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

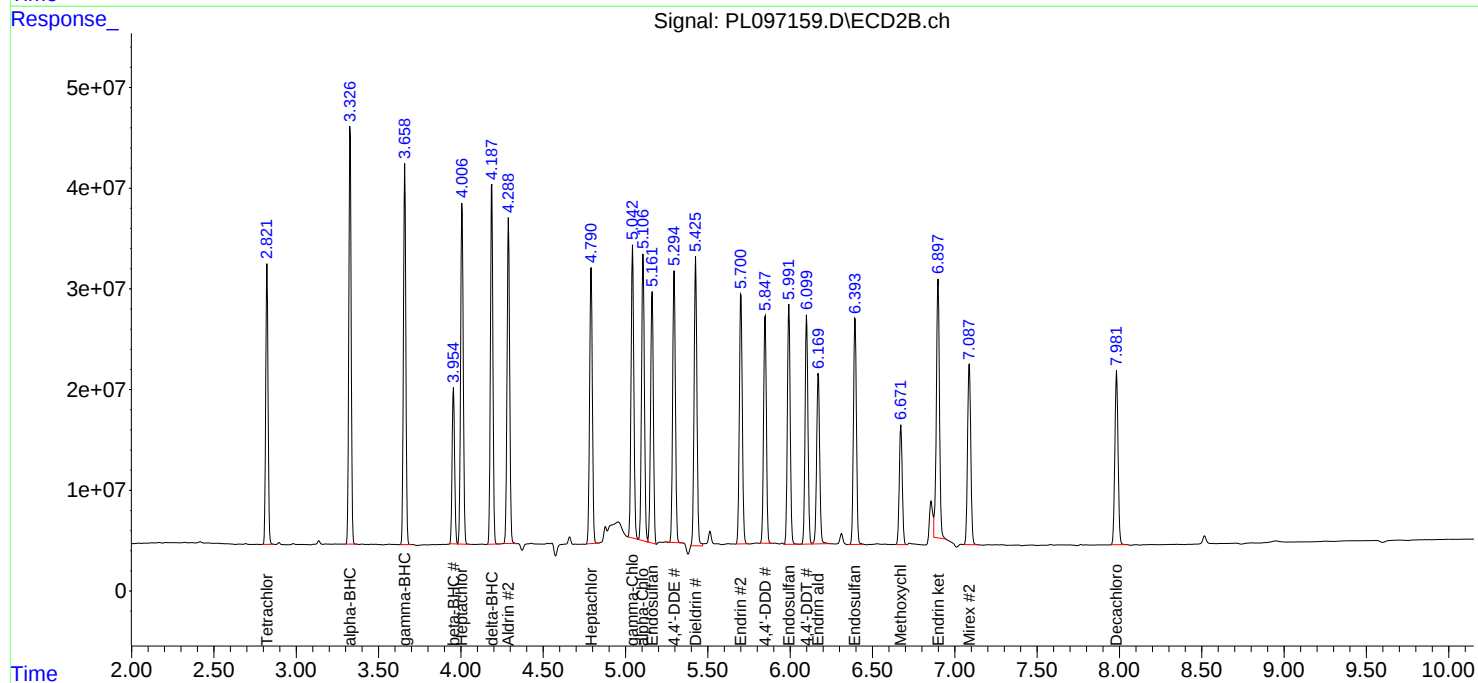
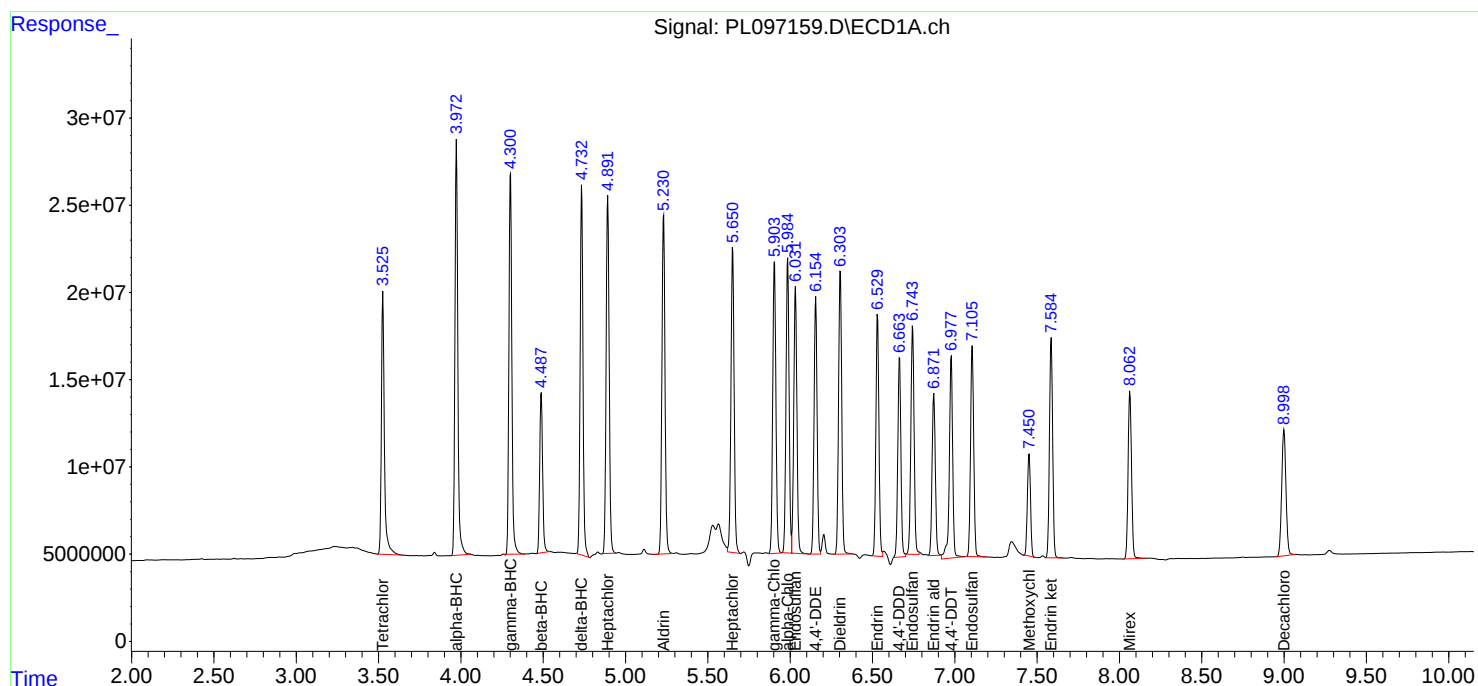
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

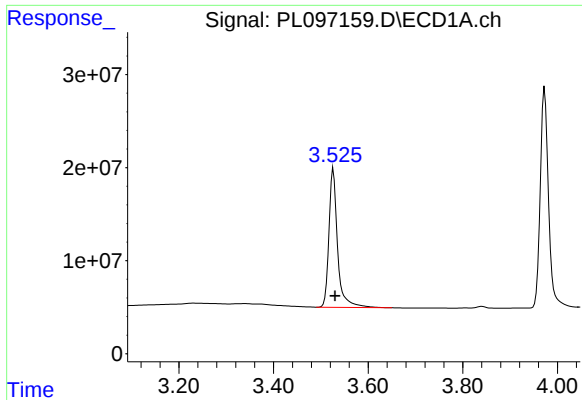
Manual Integrations
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Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:22:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





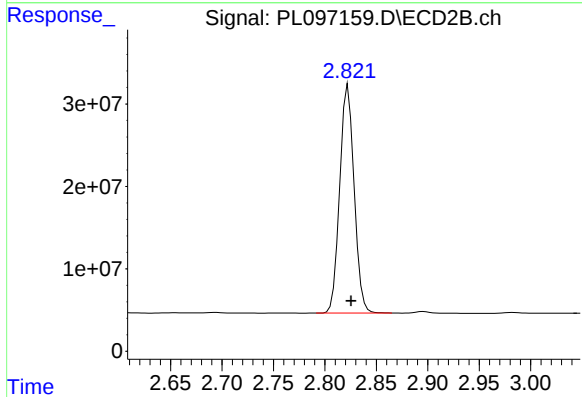
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 189632697
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

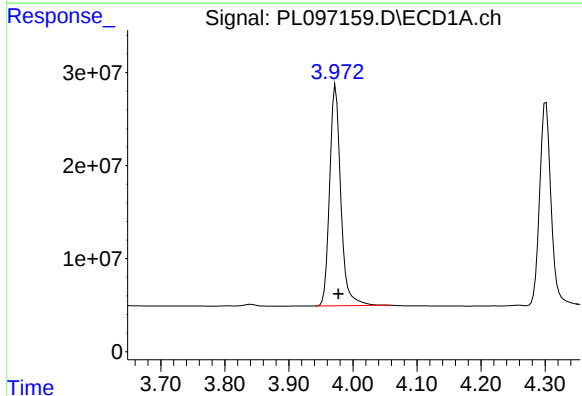
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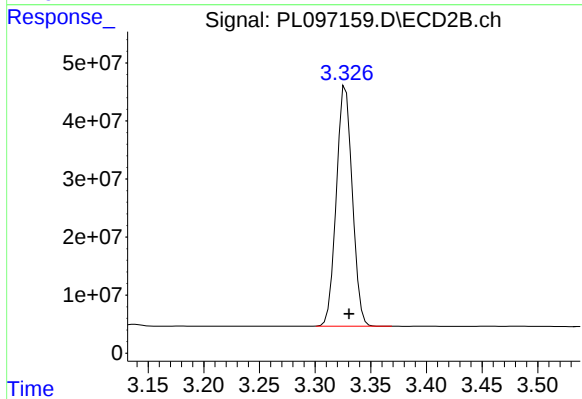
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.003 min
Response: 269420367
Conc: 47.80 ng/ml



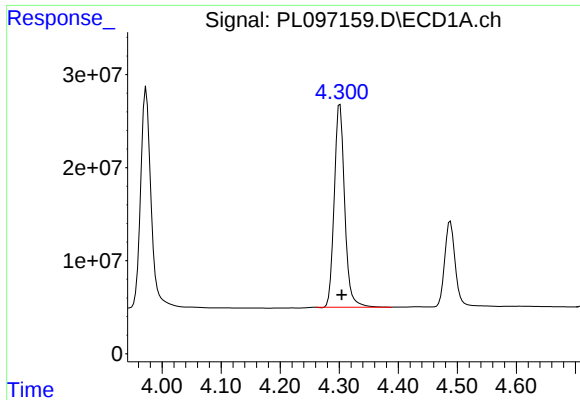
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 287869437
Conc: 49.68 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 412877601
Conc: 50.28 ng/ml



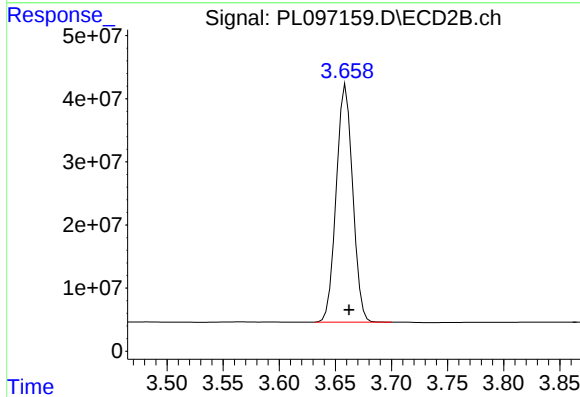
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 268656472
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

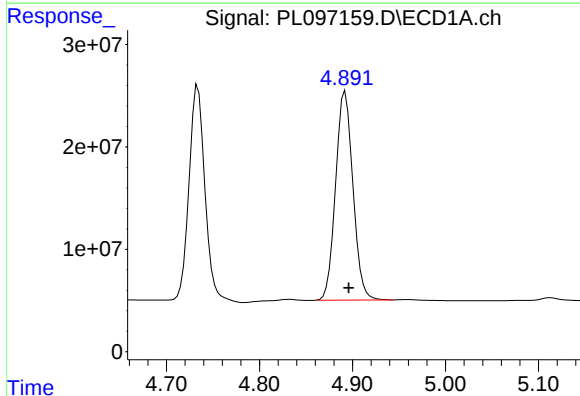
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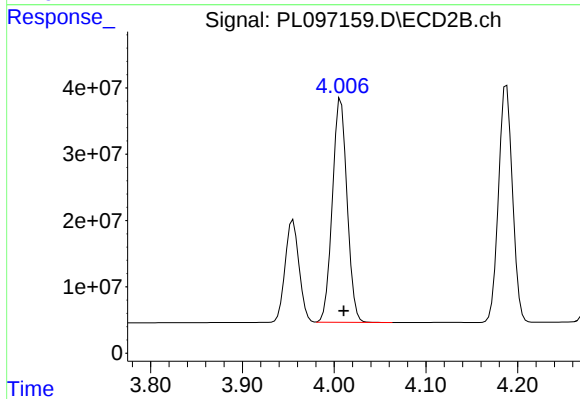
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 384174236
Conc: 52.15 ng/ml



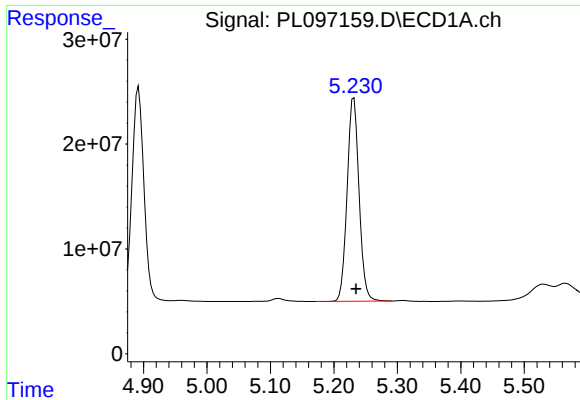
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 264311538
Conc: 49.57 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 376402287
Conc: 50.03 ng/ml



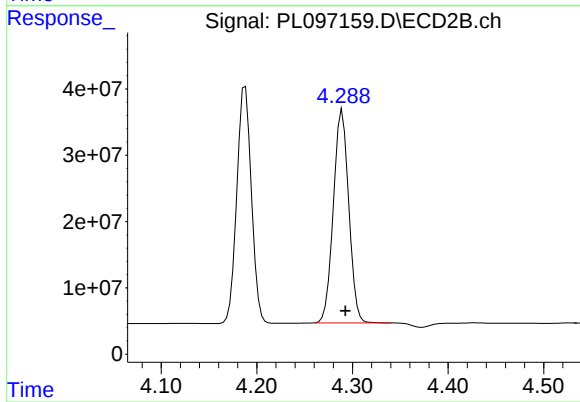
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 253450431
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

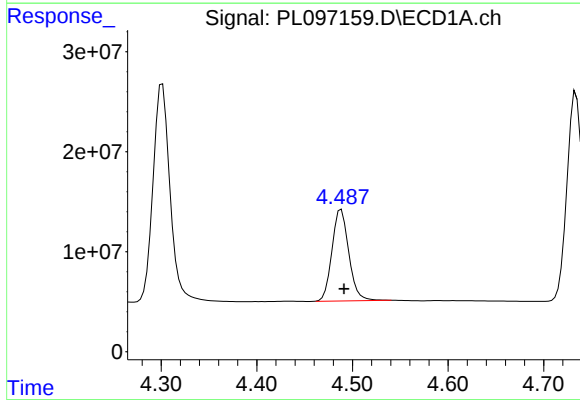
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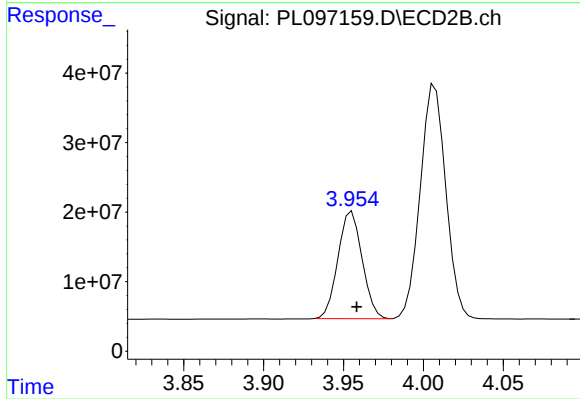
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 358882309
Conc: 51.03 ng/ml



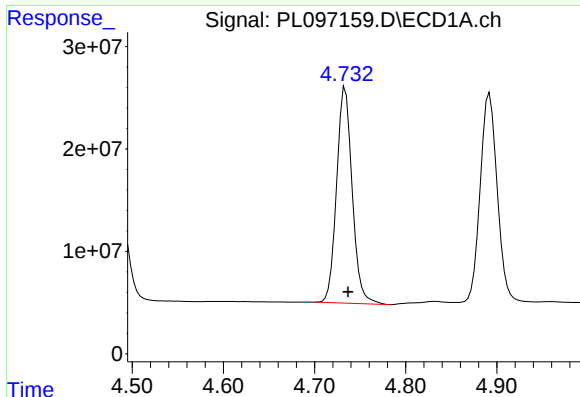
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 111949904
Conc: 48.95 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 162807331
Conc: 49.91 ng/ml



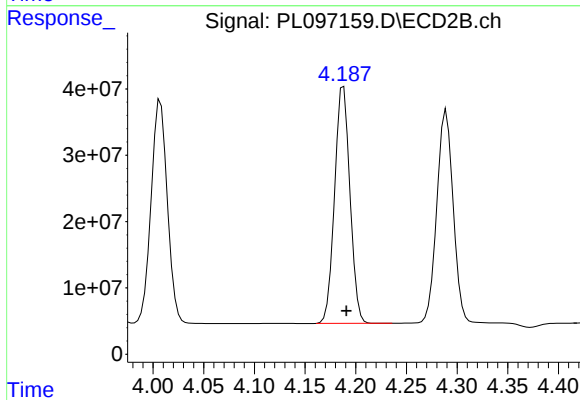
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 251114761
Conc: 55.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

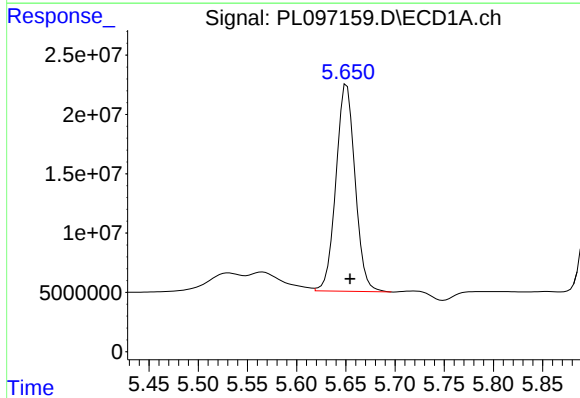
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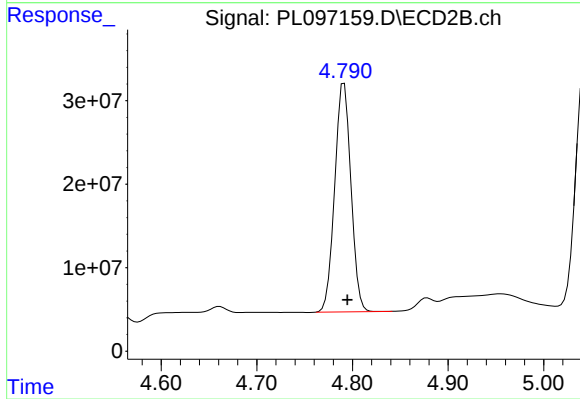
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 377754353
Conc: 51.40 ng/ml



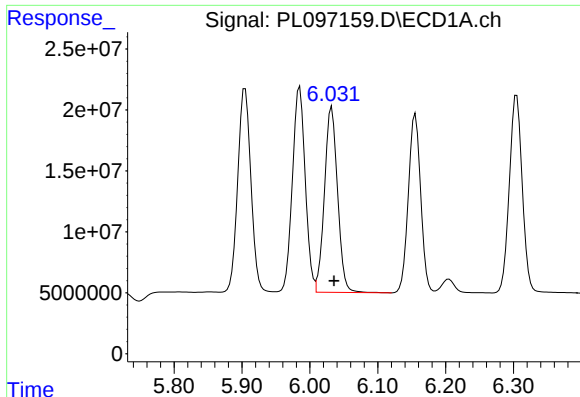
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.005 min
Response: 236004652
Conc: 45.86 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 323064037
Conc: 51.08 ng/ml



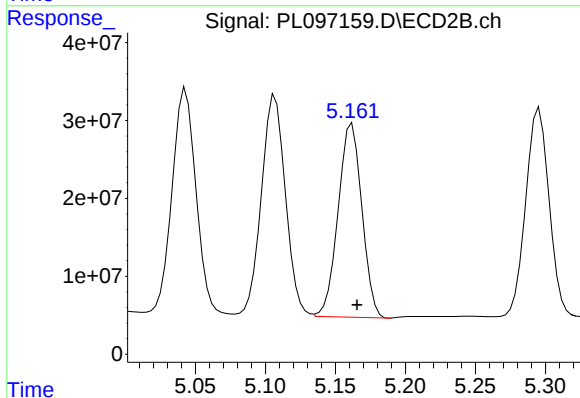
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 204261613
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

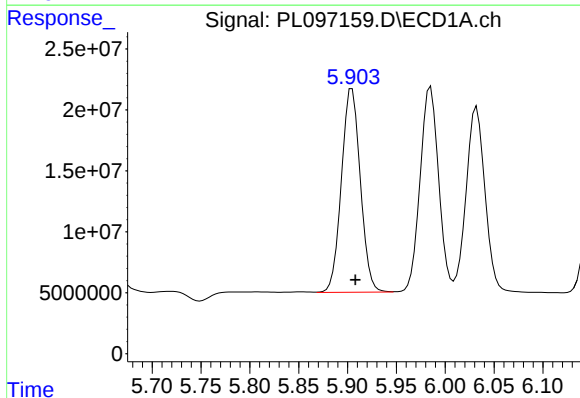
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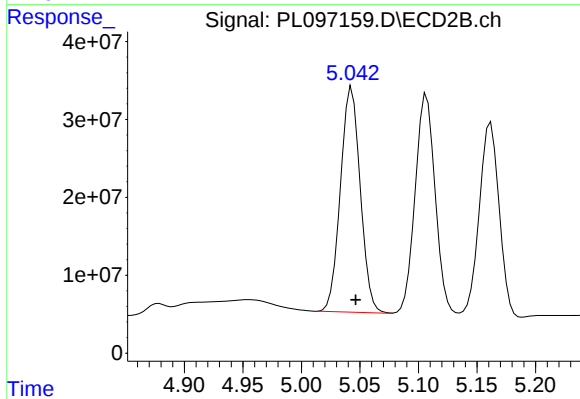
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 293255636
Conc: 48.95 ng/ml



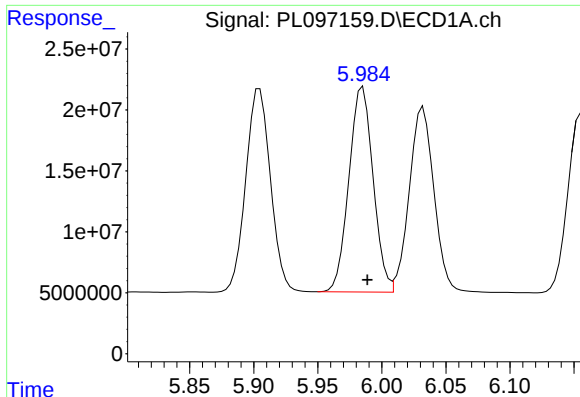
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 225310543
Conc: 48.92 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 340878322
Conc: 51.56 ng/ml



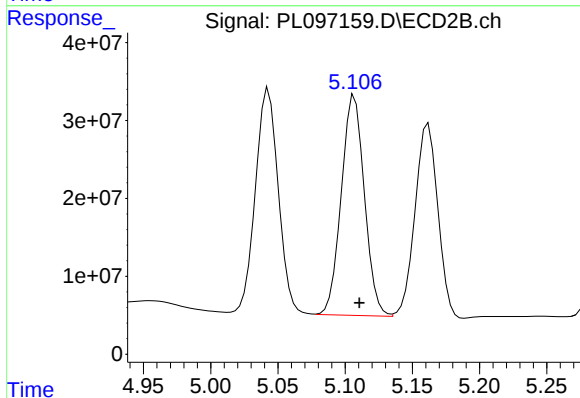
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 221353654
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

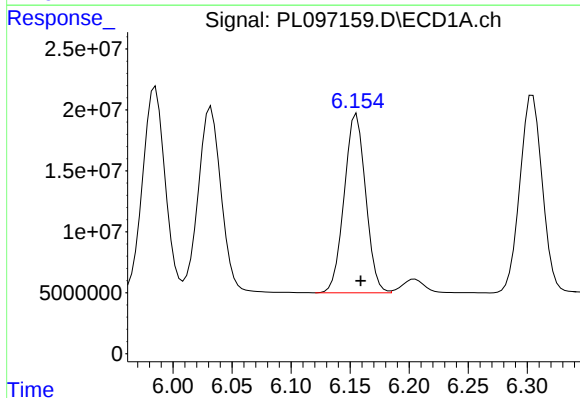
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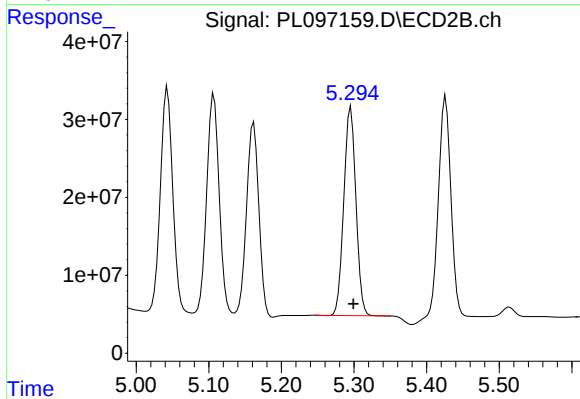
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 336975159
Conc: 51.61 ng/ml



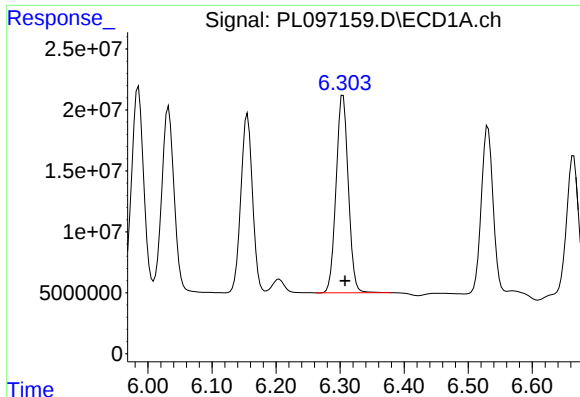
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 185426840
Conc: 46.47 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 310784981
Conc: 50.50 ng/ml



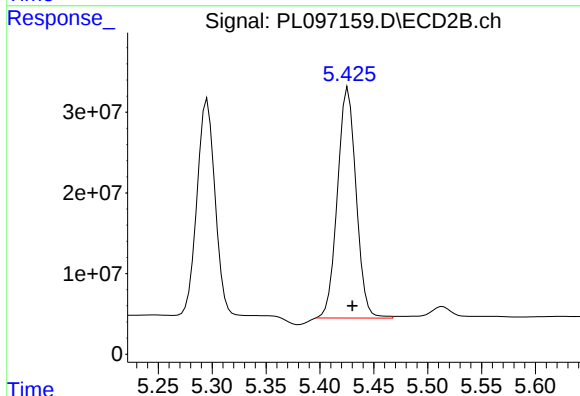
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 215123244
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

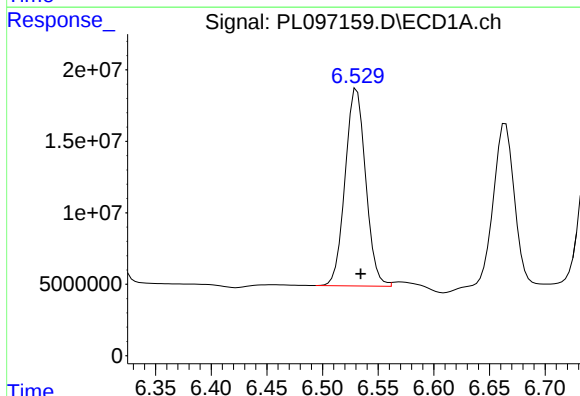
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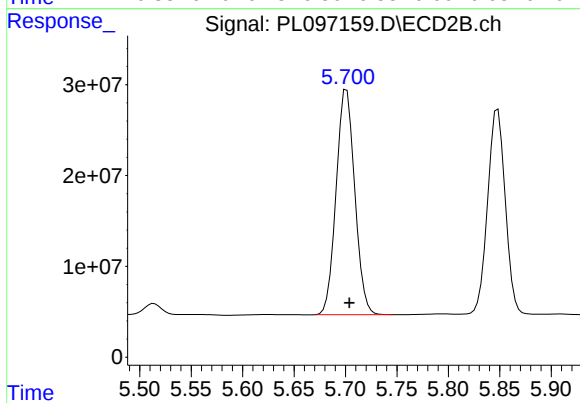
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 343959002
Conc: 52.49 ng/ml m



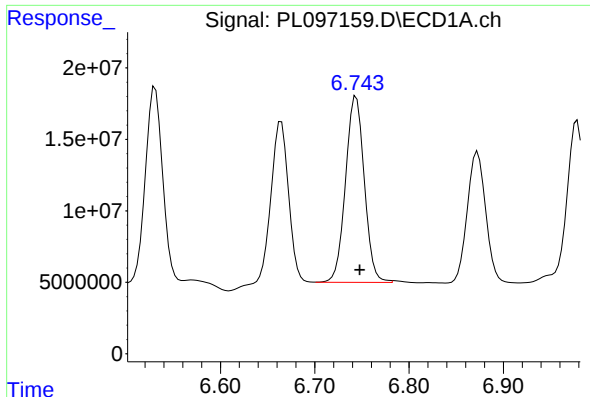
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.005 min
Response: 177860259
Conc: 47.49 ng/ml m



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 312384393
Conc: 52.88 ng/ml



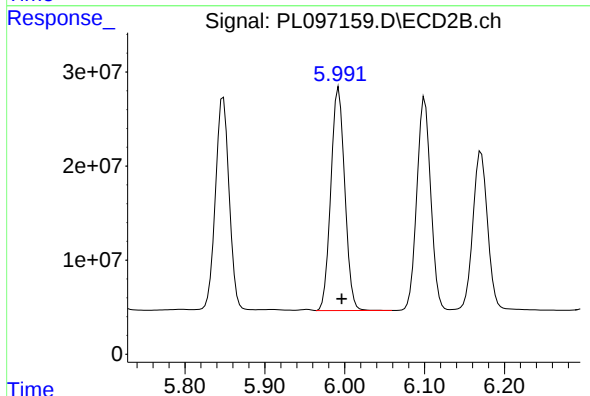
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.005 min
Response: 181023055
Conc: 41.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

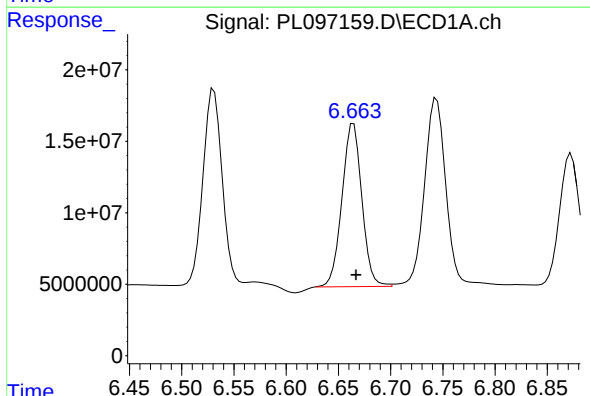
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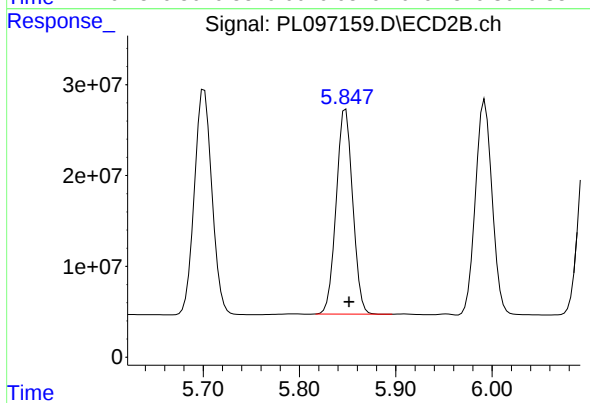
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 286621659
Conc: 50.12 ng/ml



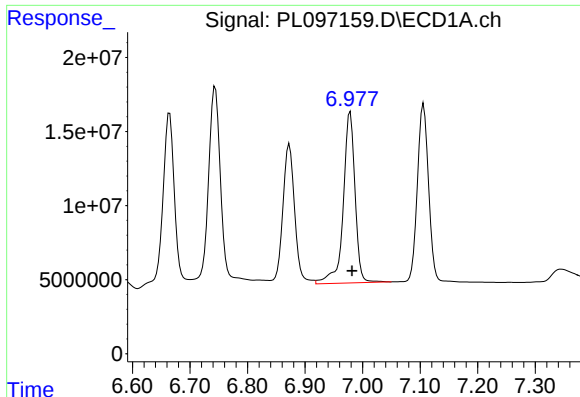
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 150741576
Conc: 47.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 267924096
Conc: 51.30 ng/ml



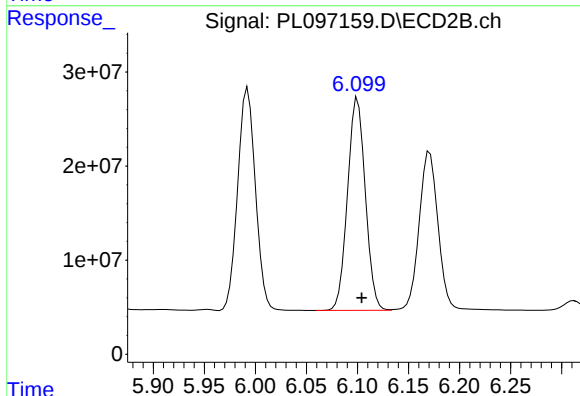
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 164951074
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

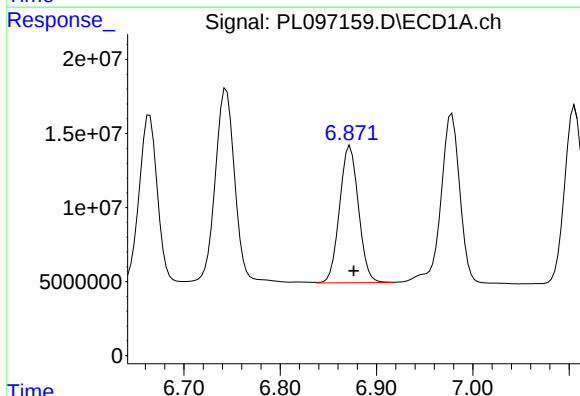
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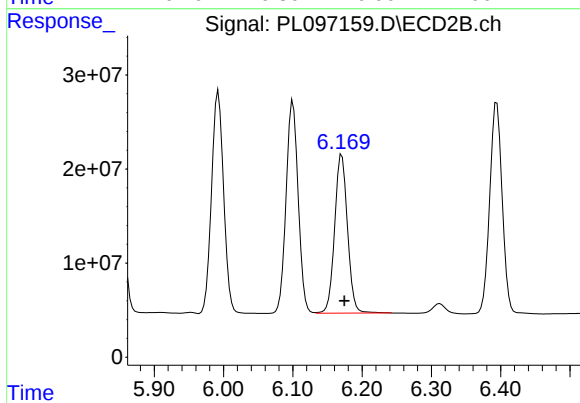
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 274169543
Conc: 50.06 ng/ml



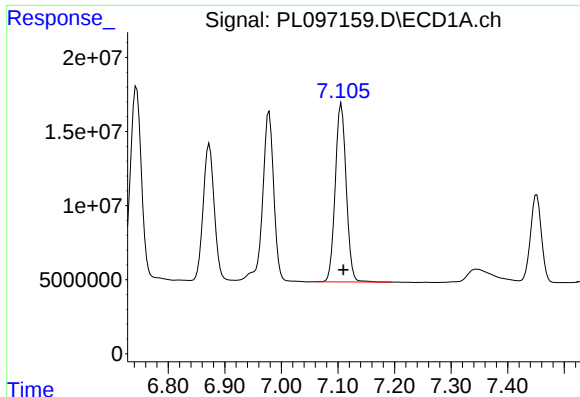
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 125995343
Conc: 48.43 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 217270239
Conc: 52.49 ng/ml



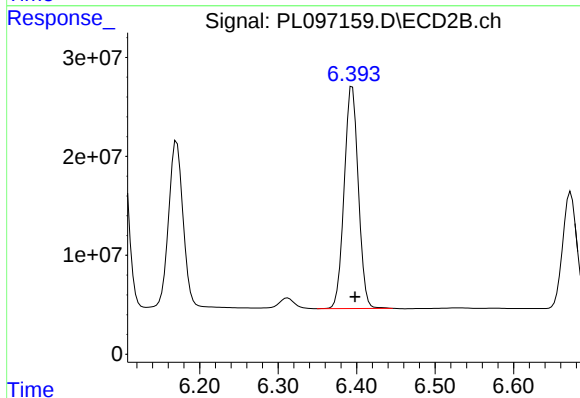
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 161724980
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

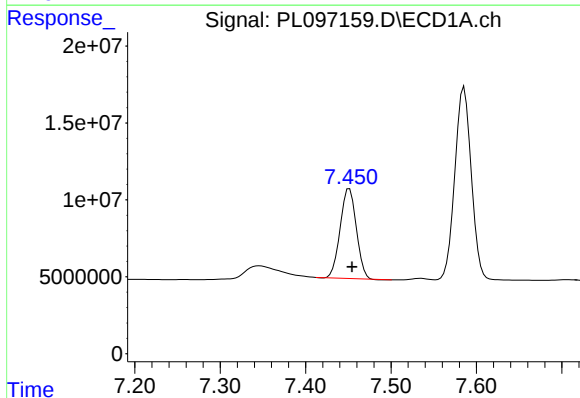
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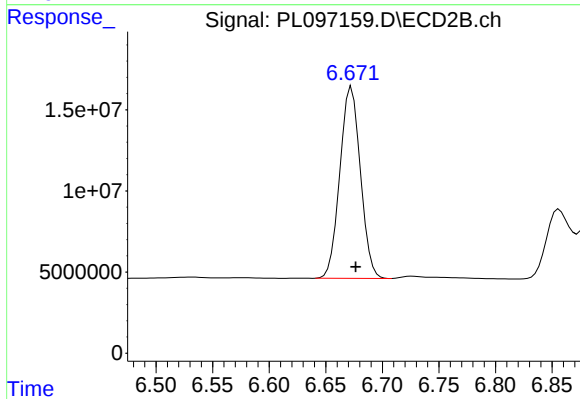
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 281143746
Conc: 50.18 ng/ml



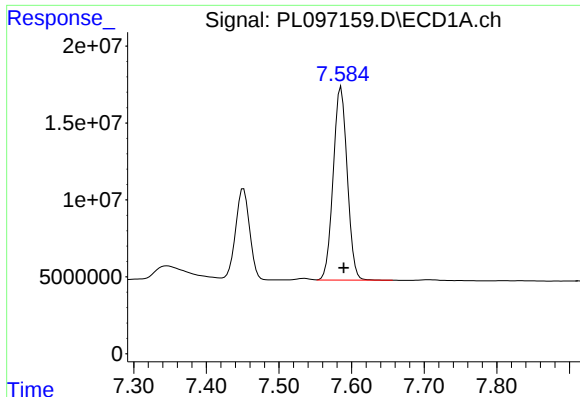
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 76709751
Conc: 44.20 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 149238136
Conc: 49.75 ng/ml



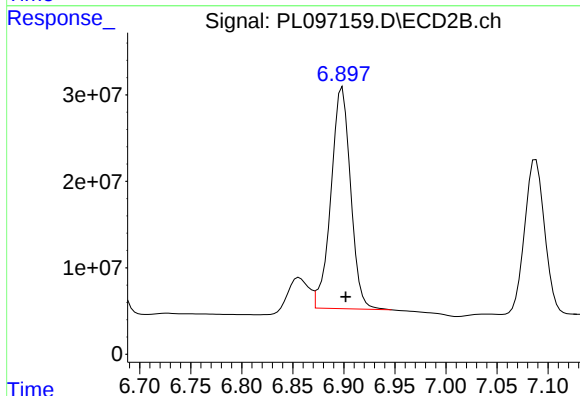
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 168359438
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

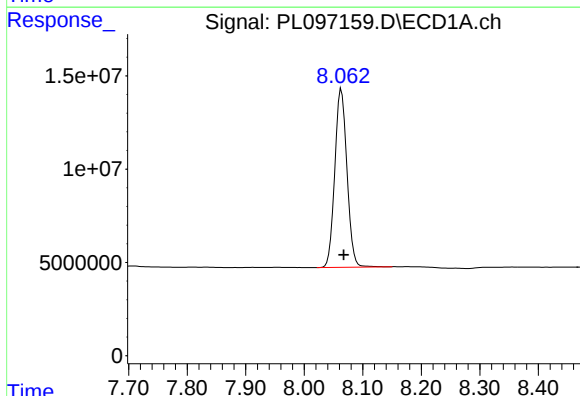
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



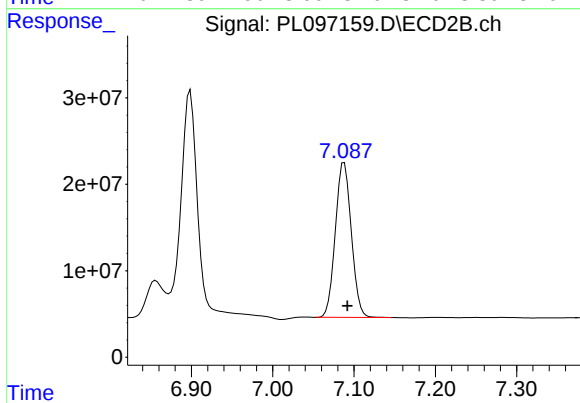
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.005 min
Response: 341284861
Conc: 54.53 ng/ml m



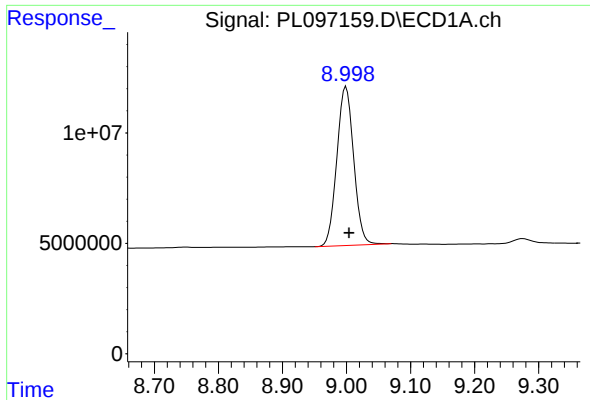
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.004 min
Response: 138048378
Conc: 46.14 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 244611858
Conc: 50.37 ng/ml



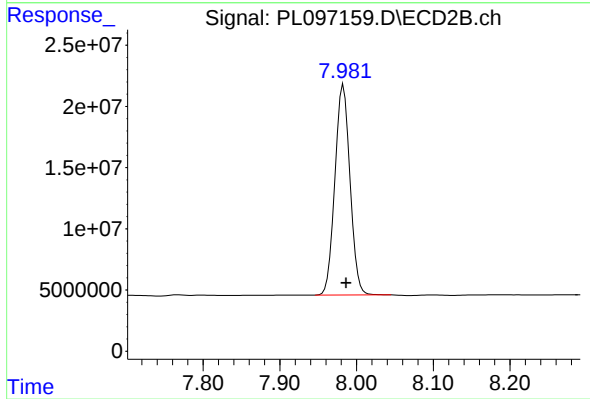
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 131340588
Conc: 44.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 235237549
Conc: 49.05 ng/ml