

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 11:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2025
 Supervised By : mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:46:03 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...	3.527	2.824	225.6E6	327.3E6	49.823	49.773
28)	SA Decachlor...	8.997	7.982	162.5E6	253.9E6	49.649	44.609
Target Compounds							
2)	A alpha-BHC	3.974	3.329	355.1E6	503.5E6	50.814	50.563
3)	MA gamma-BHC...	4.301	3.660	332.9E6	467.7E6	50.343	50.215
4)	MA Heptachlor	4.892	4.008	328.3E6	452.6E6	49.215	48.643
5)	MB Aldrin	5.232	4.290	314.5E6	431.9E6	49.647	49.764
6)	B beta-BHC	4.489	3.956	138.3E6	199.0E6	50.731	48.987
7)	B delta-BHC	4.733	4.189	314.5E6	461.6E6	51.829m	50.220
8)	B Heptachlo...	5.651	4.792	285.1E6	390.6E6	49.606	49.243
9)	A Endosulfan I	6.033	5.162	255.1E6	368.7E6	49.232	47.984
10)	B gamma-Chl...	5.905	5.043	283.9E6	427.7E6	50.222	48.974
11)	B alpha-Chl...	5.985	5.107	280.3E6	411.2E6	49.351	49.542
12)	B 4,4'-DDE	6.156	5.296	242.7E6	379.5E6	50.927	49.380
13)	MA Dieldrin	6.305	5.427	269.9E6	403.2E6	49.239	49.310
14)	MA Endrin	6.531	5.701	216.9E6	347.6E6	47.012	46.280
15)	B Endosulfa...	6.744	5.993	231.3E6	344.3E6	47.025	48.424
16)	A 4,4'-DDD	6.664	5.848	193.3E6	320.4E6	51.270	49.676
17)	MA 4,4'-DDT	6.978	6.101	199.6E6	326.1E6	47.230	47.127
18)	B Endrin al...	6.872	6.171	152.7E6	247.5E6	49.536	46.377
19)	B Endosulfa...	7.106	6.395	197.9E6	323.6E6	48.482	47.242
20)	A Methoxychlor	7.451	6.673	96243067	164.1E6	46.151	43.524
21)	B Endrin ke...	7.585	6.898	210.5E6	351.2E6	49.590	46.638
22)	Mirex	8.064	7.088	163.2E6	268.9E6	45.969	44.970

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 11:33
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

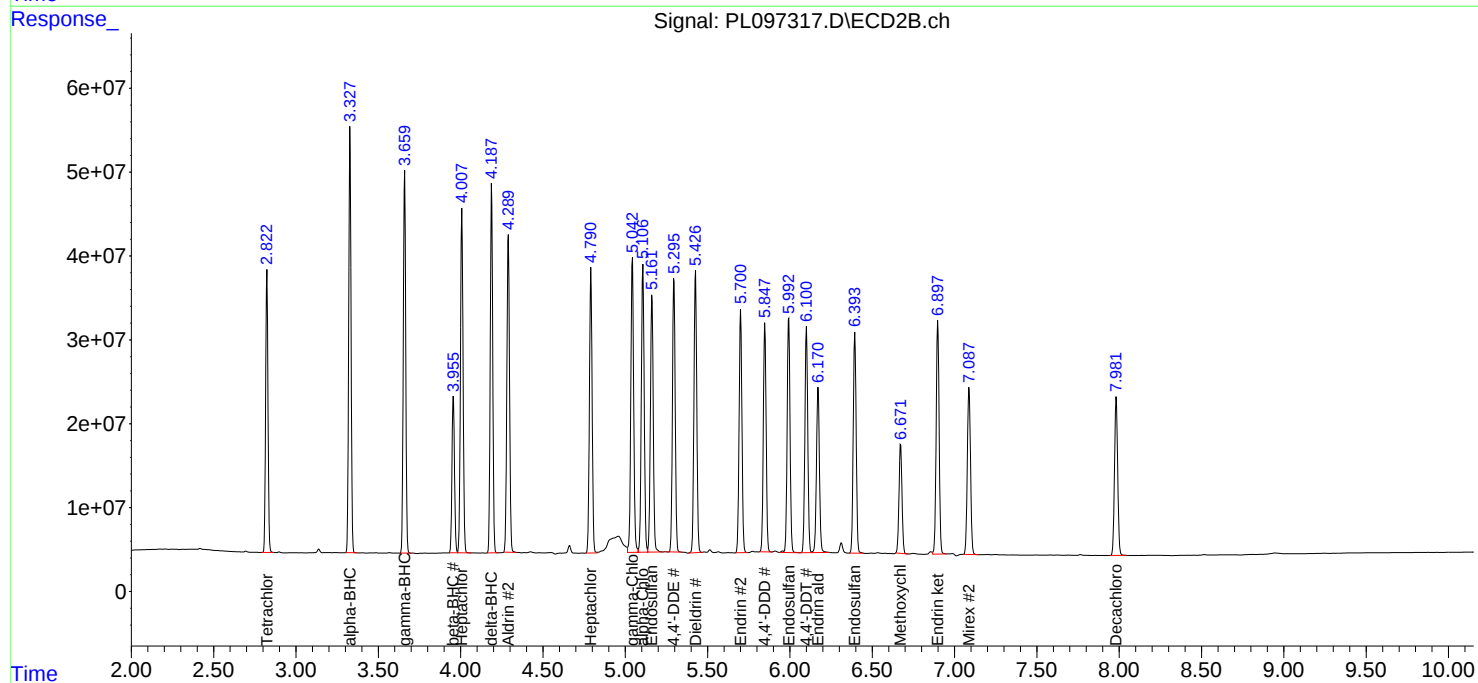
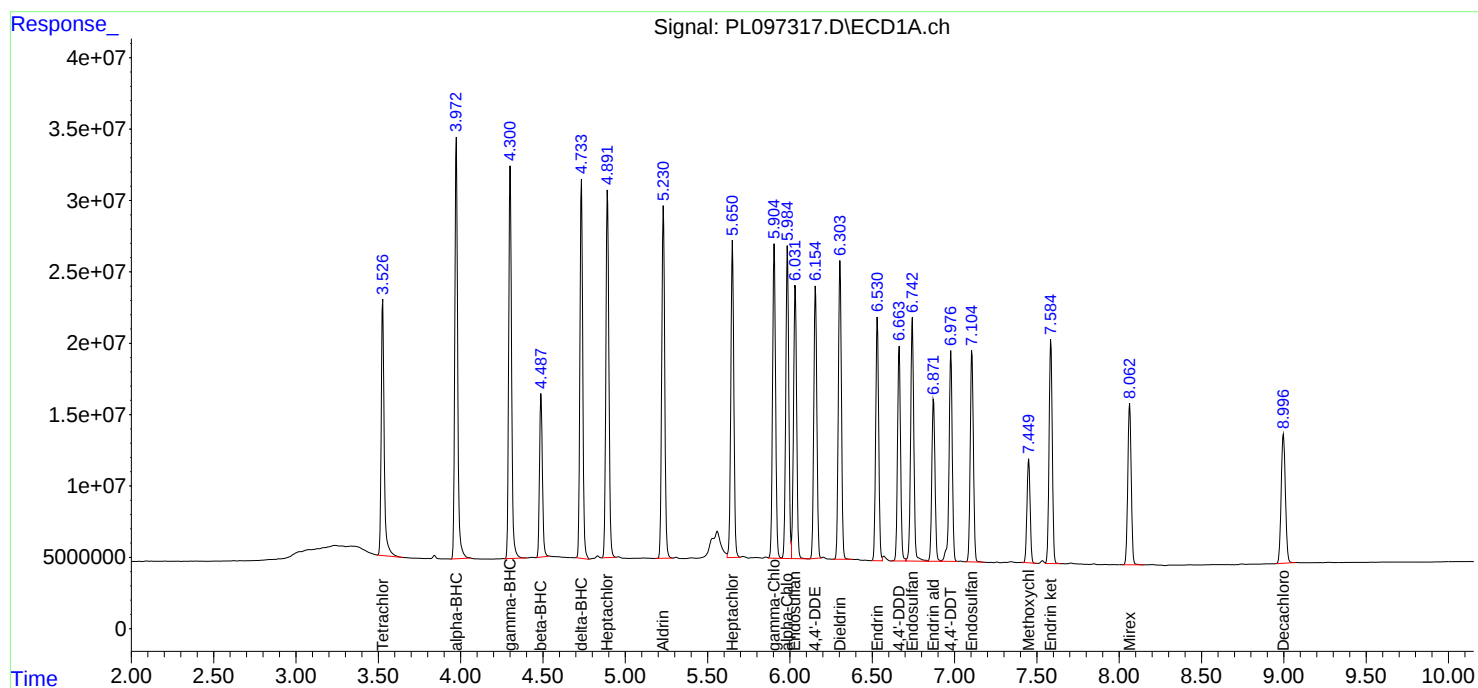
APPROVED

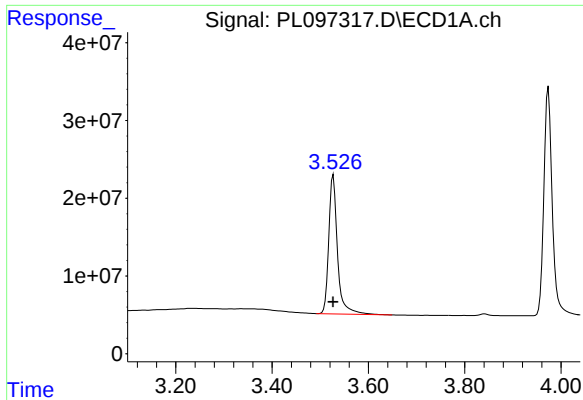
Reviewed By :Abdul Mirza 09/23/2025

Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:46:03 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





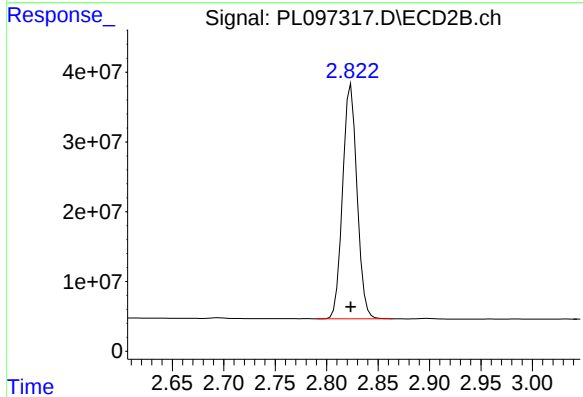
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: 0.000 min
Response: 225558946
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

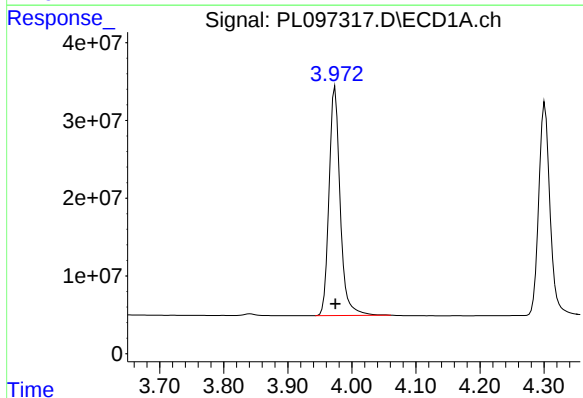
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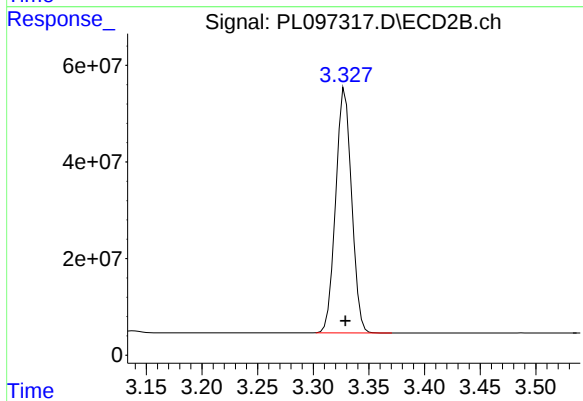
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 327286752
Conc: 49.77 ng/ml



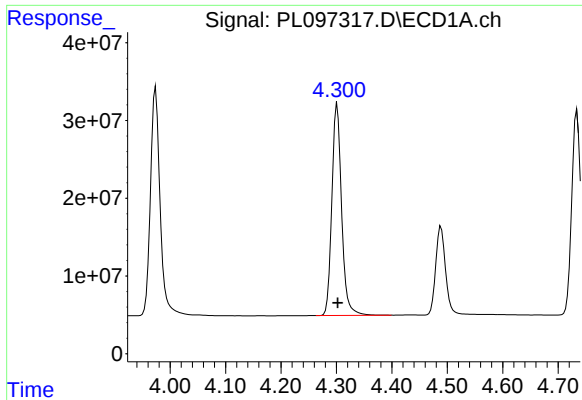
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 355059362
Conc: 50.81 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 503484097
Conc: 50.56 ng/ml



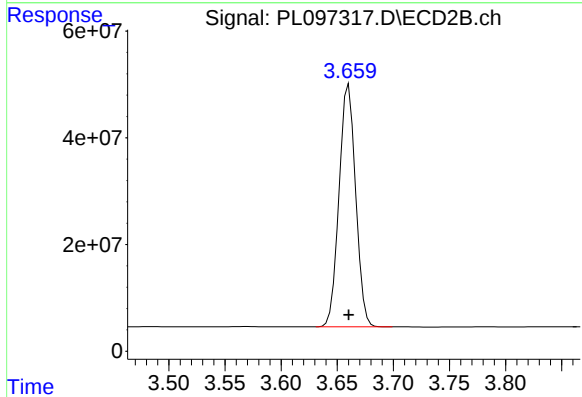
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 332926359
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

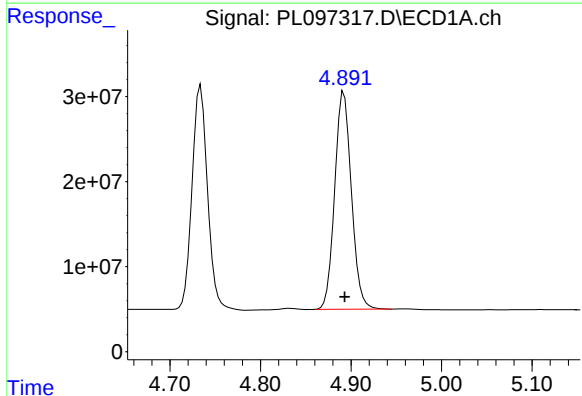
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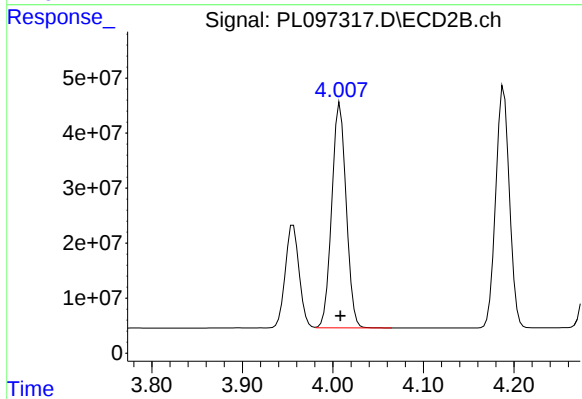
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 467734904
Conc: 50.21 ng/ml



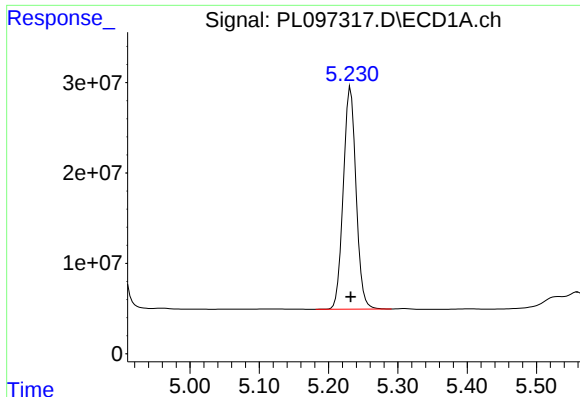
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 328270778
Conc: 49.22 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 452633221
Conc: 48.64 ng/ml



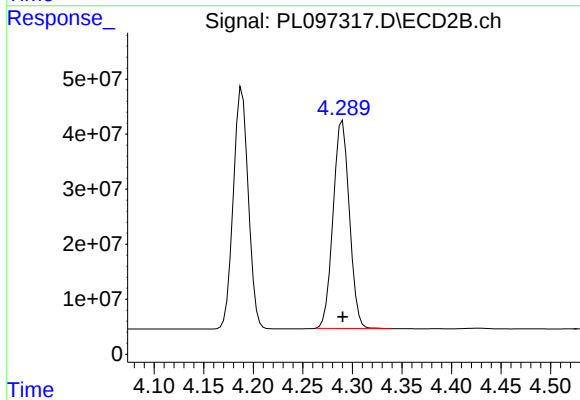
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 314455802
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

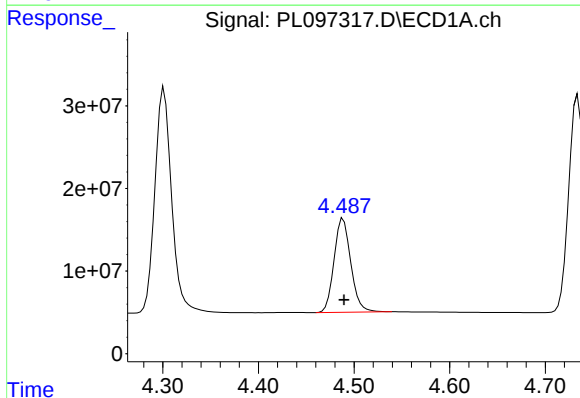
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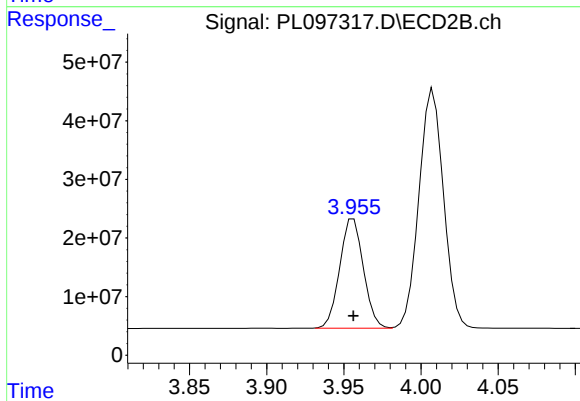
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 431920434
Conc: 49.76 ng/ml



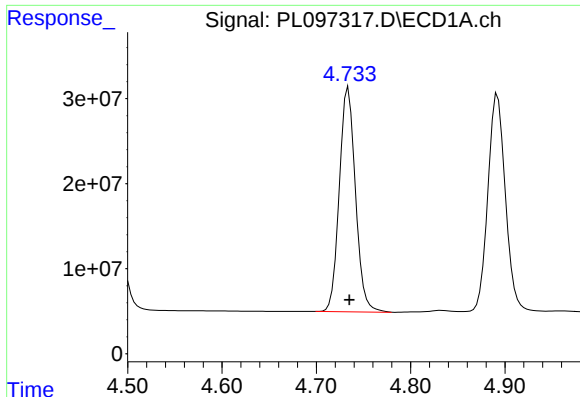
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 138302583
Conc: 50.73 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 198985897
Conc: 48.99 ng/ml



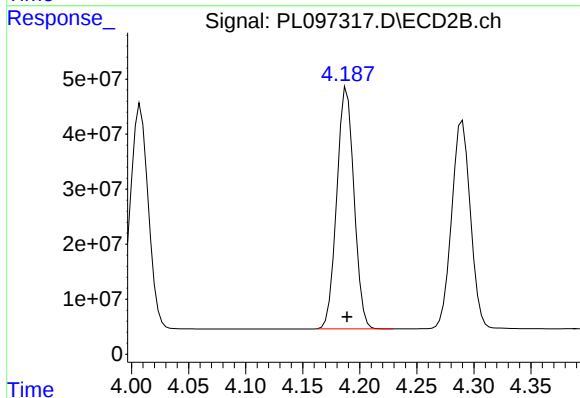
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 314513149
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

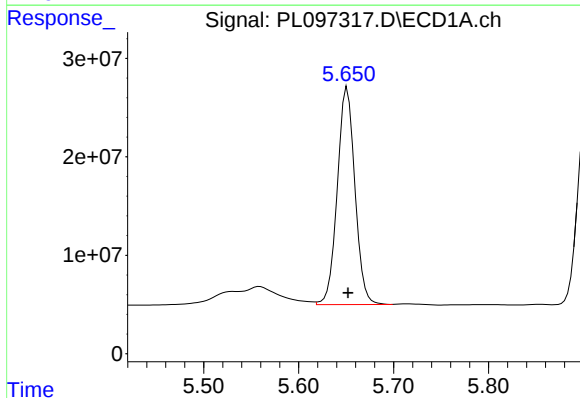
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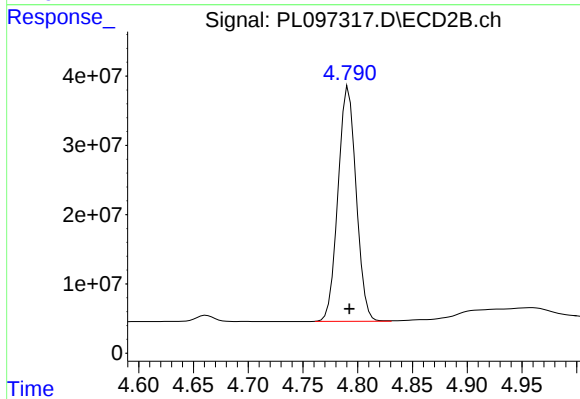
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 461636559
Conc: 50.22 ng/ml



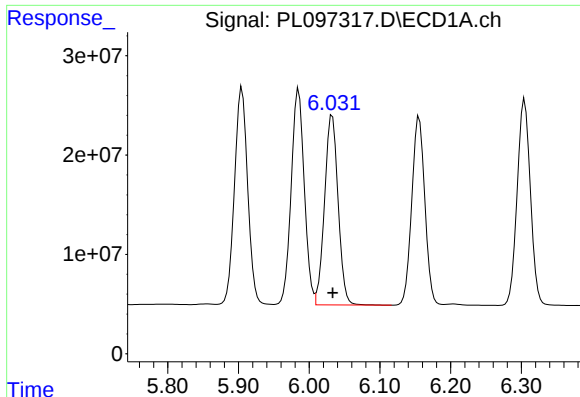
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 285081637
Conc: 49.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 390576101
Conc: 49.24 ng/ml



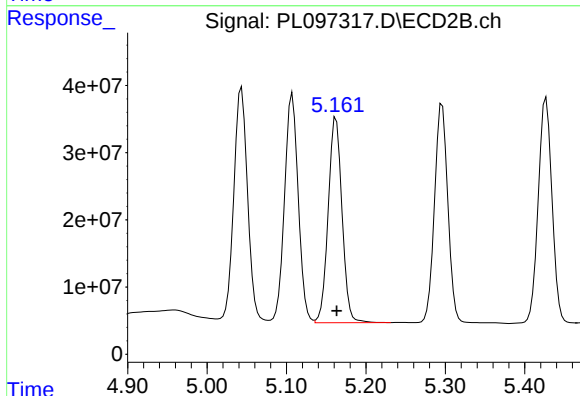
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 255089064
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

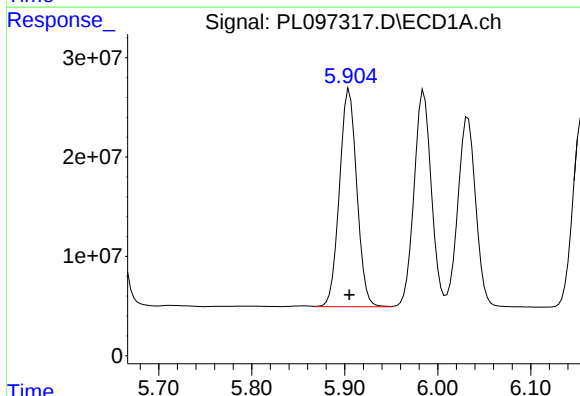
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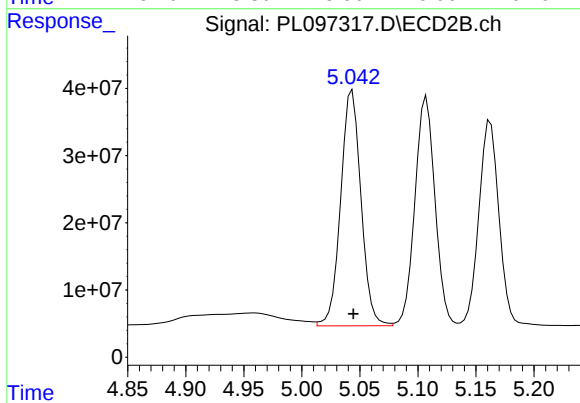
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.000 min
Response: 368692632
Conc: 47.98 ng/ml



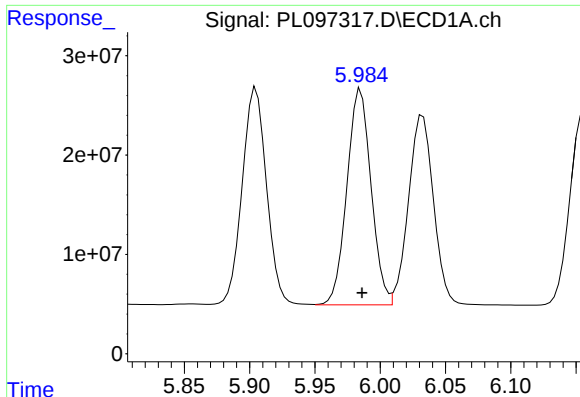
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 283928584
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 427732778
Conc: 48.97 ng/ml



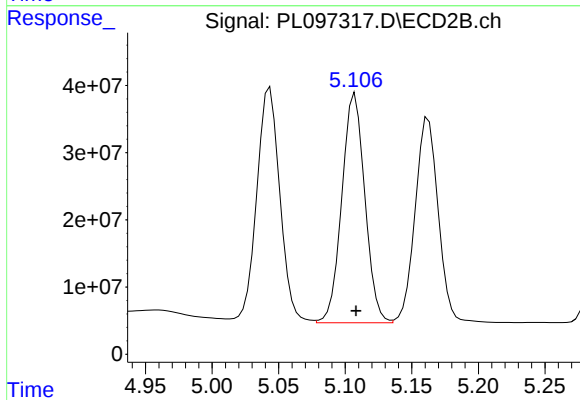
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 280309820
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

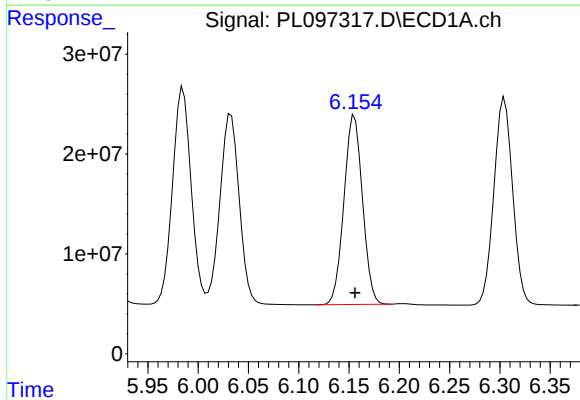
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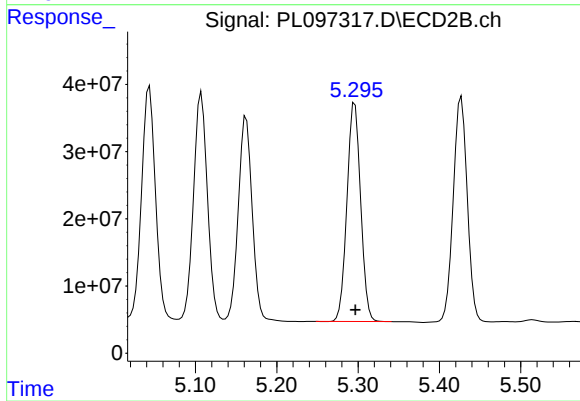
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 411226423
Conc: 49.54 ng/ml



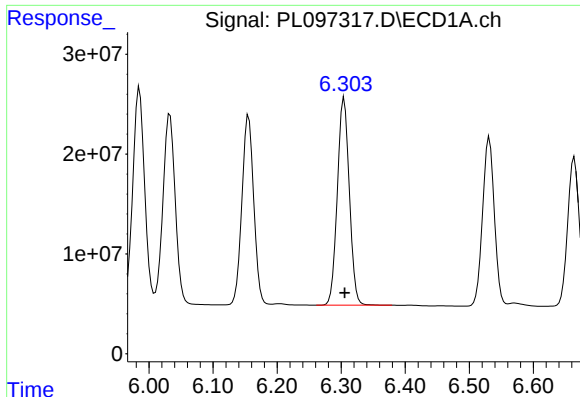
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 242654098
Conc: 50.93 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.000 min
Response: 379469845
Conc: 49.38 ng/ml



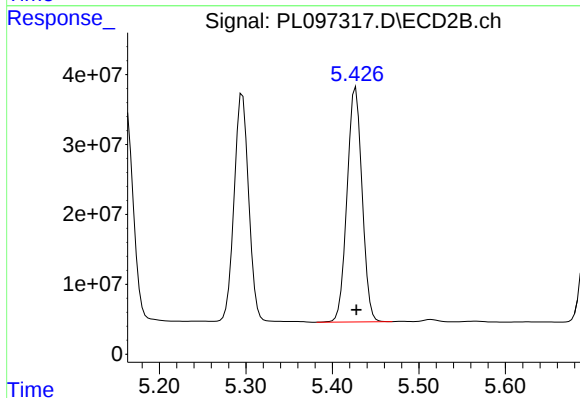
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 269935713
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

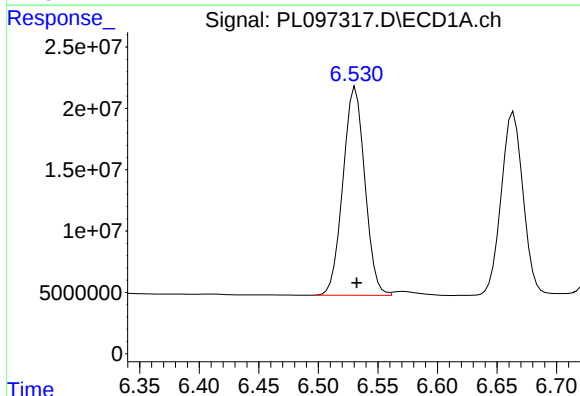
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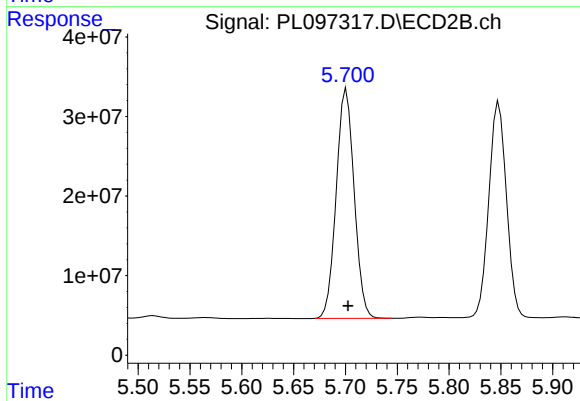
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: 0.000 min
Response: 403199019
Conc: 49.31 ng/ml



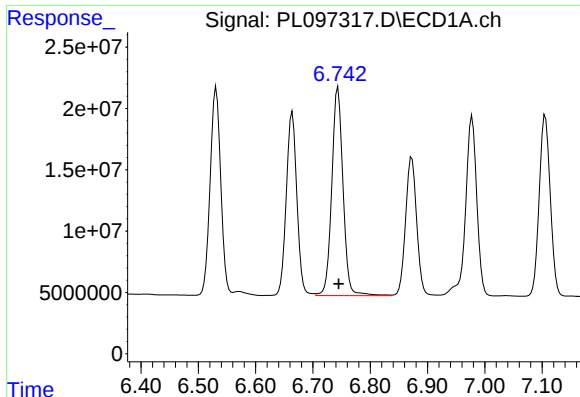
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 216872464
Conc: 47.01 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 347587013
Conc: 46.28 ng/ml



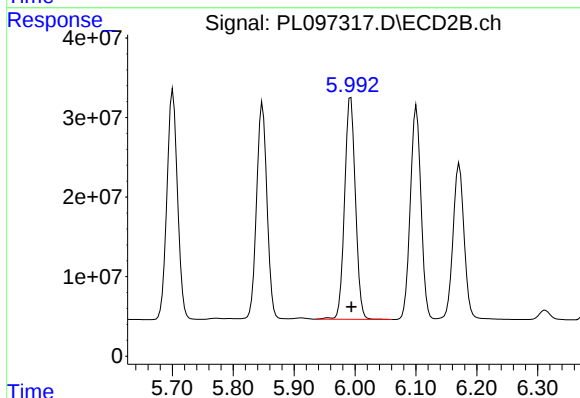
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.001 min
Response: 231284303
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

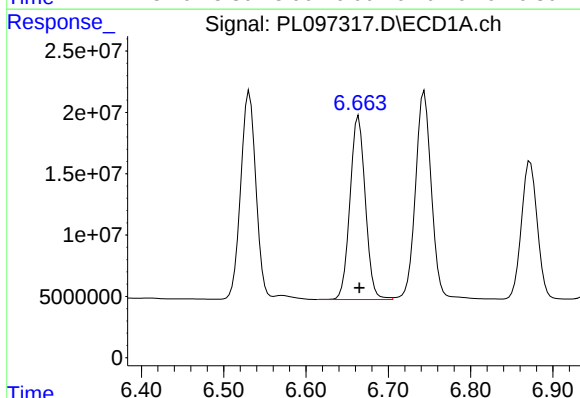
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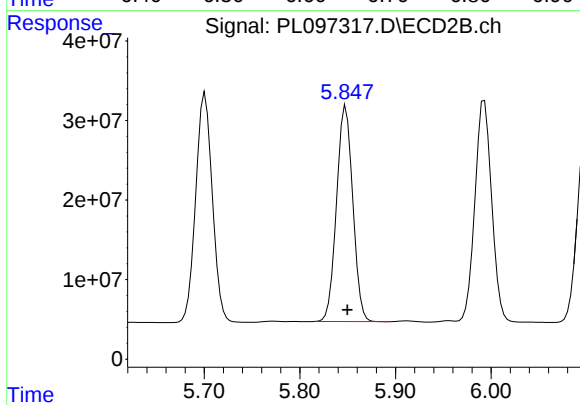
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.001 min
Response: 344260576
Conc: 48.42 ng/ml



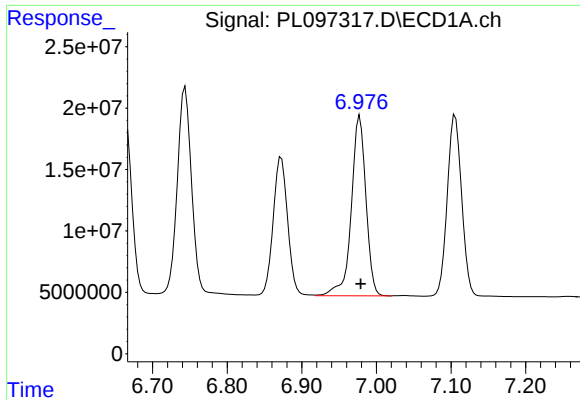
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 193316054
Conc: 51.27 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.002 min
Response: 320364709
Conc: 49.68 ng/ml



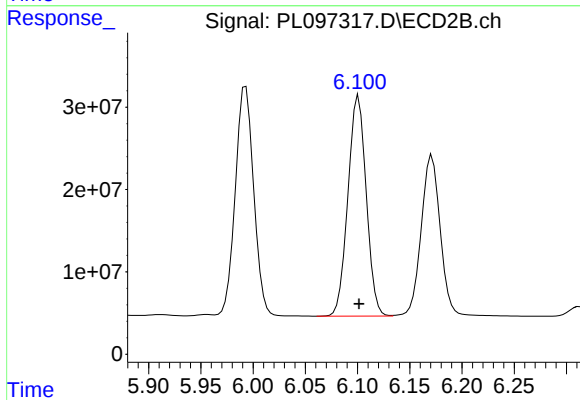
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 199649049
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

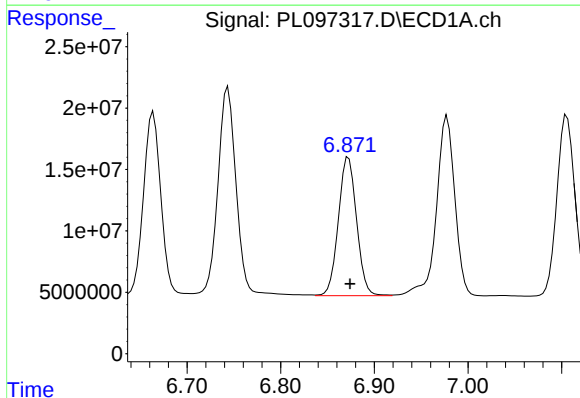
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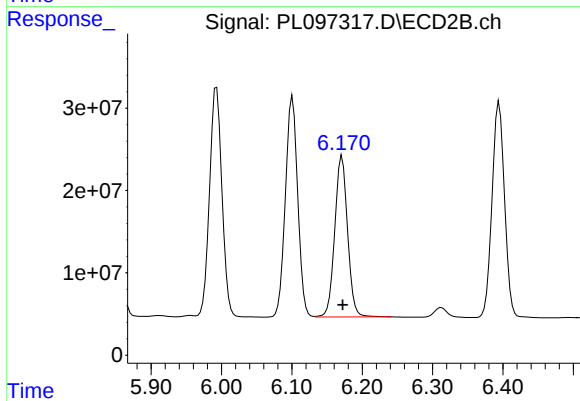
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 326143315
Conc: 47.13 ng/ml



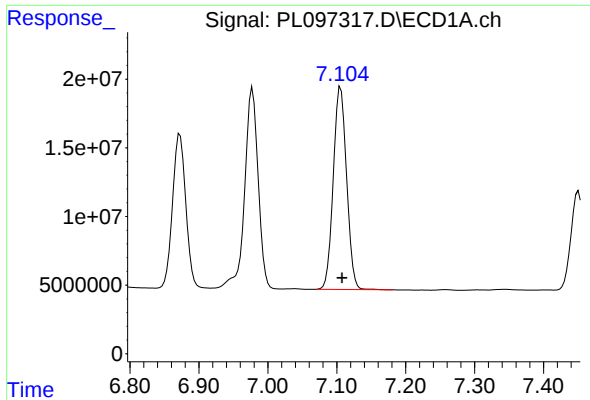
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 152710641
Conc: 49.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 247533484
Conc: 46.38 ng/ml



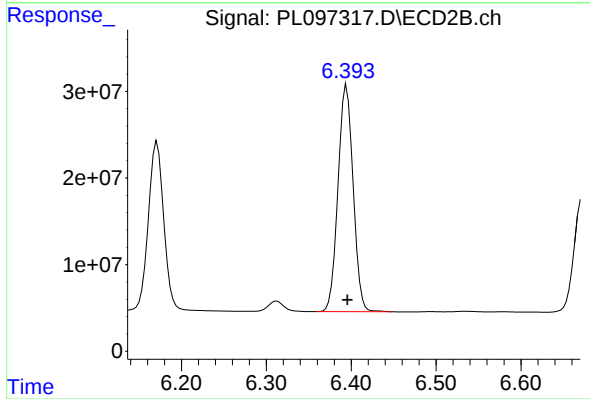
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.002 min
Response: 197937647
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

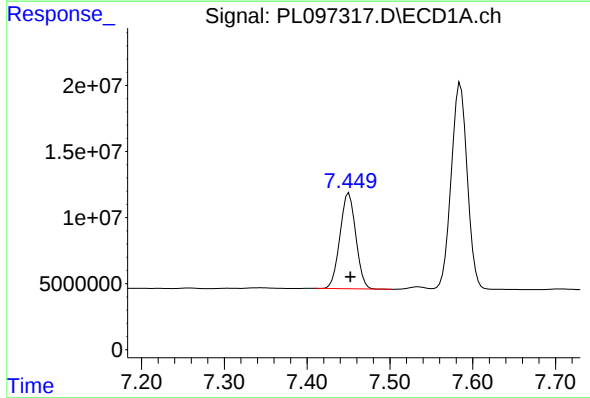
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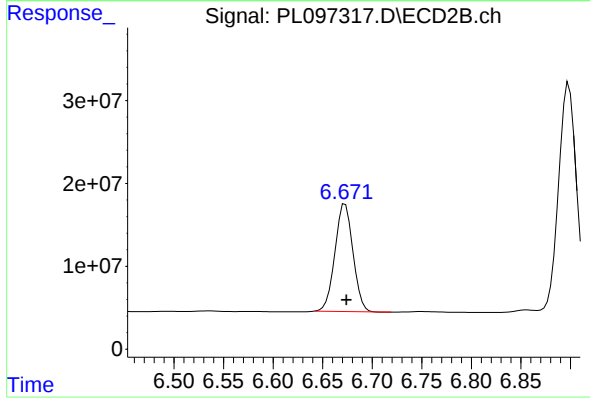
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 323599015
Conc: 47.24 ng/ml



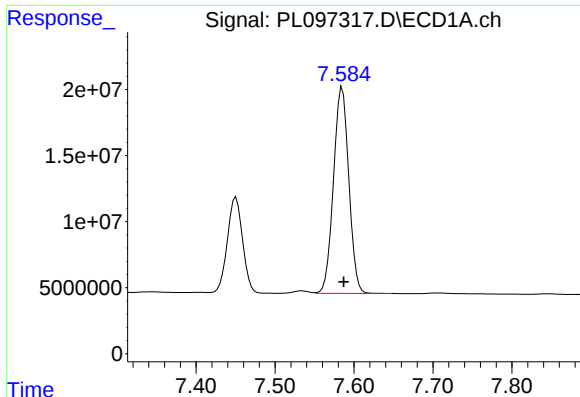
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 96243067
Conc: 46.15 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 164062887
Conc: 43.52 ng/ml



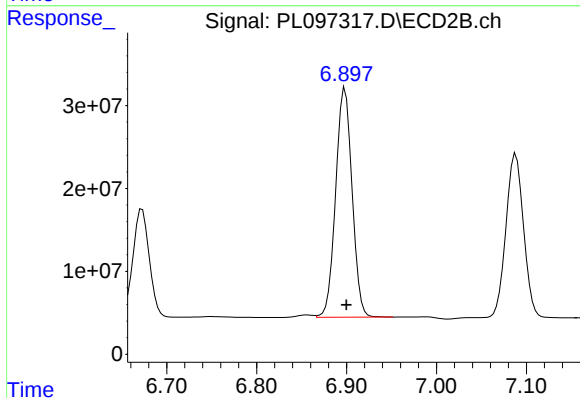
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 210475609
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

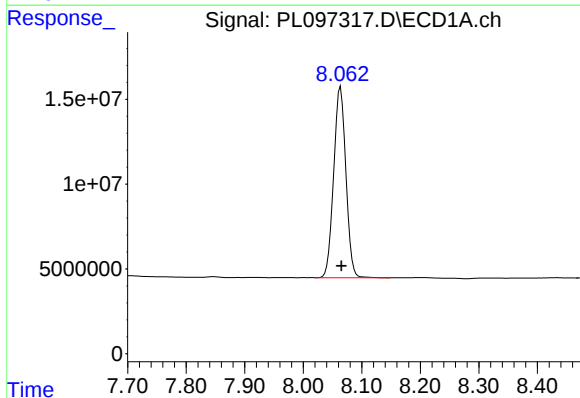
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



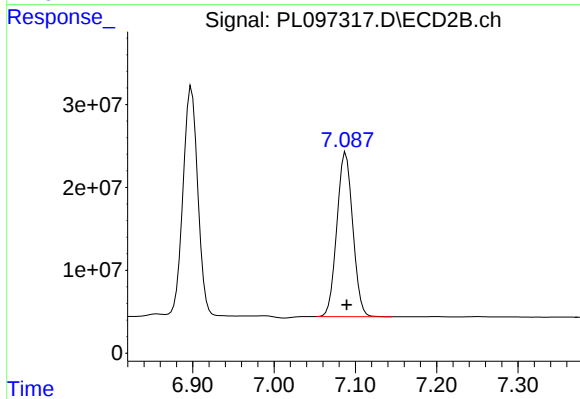
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.001 min
Response: 351196594
Conc: 46.64 ng/ml



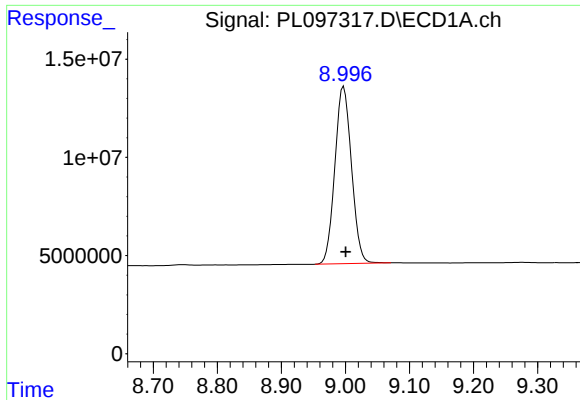
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 163203393
Conc: 45.97 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 268860364
Conc: 44.97 ng/ml



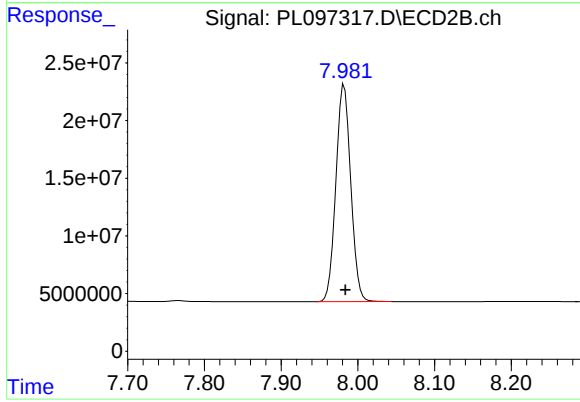
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 162462363
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.002 min
Response: 253895678
Conc: 44.61 ng/ml