

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
 Data File : PL097119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 11:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/11/2025
 Supervised By : mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 07:09:16 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...	3.527	2.822	182.8E6	261.4E6	46.349	46.367
28)	SA Decachlor...	8.998	7.981	132.2E6	238.6E6	44.658	49.762
Target Compounds							
2)	A alpha-BHC	3.973	3.328	282.3E6	399.6E6	48.727	48.663
3)	MA gamma-BHC...	4.301	3.659	264.1E6	369.9E6	48.356	50.212
4)	MA Heptachlor	4.893	4.007	258.8E6	368.7E6	48.533	49.006
5)	MB Aldrin	5.231	4.290	249.1E6	345.9E6	47.424	49.183
6)	B beta-BHC	4.488	3.955	104.6E6	157.5E6	45.729	48.278
7)	B delta-BHC	4.734	4.188	237.2E6	364.5E6	52.722	49.598
8)	B Heptachlo...	5.650	4.791	233.1E6	312.8E6	45.292	49.460
9)	A Endosulfan I	6.032	5.162	198.6E6	289.8E6	46.214	48.371
10)	B gamma-Chl...	5.903	5.043	218.5E6	327.2E6	47.443m	49.489
11)	B alpha-Chl...	5.984	5.107	215.4E6	322.1E6	45.776	49.334
12)	B 4,4'-DDE	6.155	5.295	178.7E6	304.9E6	44.777	49.547
13)	MA Dieldrin	6.304	5.425	211.3E6	326.3E6	46.535	49.787m
14)	MA Endrin	6.530	5.701	178.5E6	299.2E6	47.659	50.655
15)	B Endosulfa...	6.743	5.992	199.1E6	280.4E6	45.198	49.032
16)	A 4,4'-DDD	6.664	5.848	145.4E6	255.8E6	46.073	48.982
17)	MA 4,4'-DDT	6.978	6.100	163.2E6	283.1E6	46.587	51.680
18)	B Endrin al...	6.872	6.171	121.9E6	208.2E6	46.852	50.080
19)	B Endosulfa...	7.106	6.394	155.3E6	272.8E6	45.219	48.684
20)	A Methoxychlor	7.450	6.672	79359819	151.2E6	45.727	50.411
21)	B Endrin ke...	7.585	6.898	163.7E6	316.4E6	46.051	50.552
22)	Mirex	8.064	7.087	136.1E6	239.9E6	45.490	49.403

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091125\
Data File : PL097119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 11:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

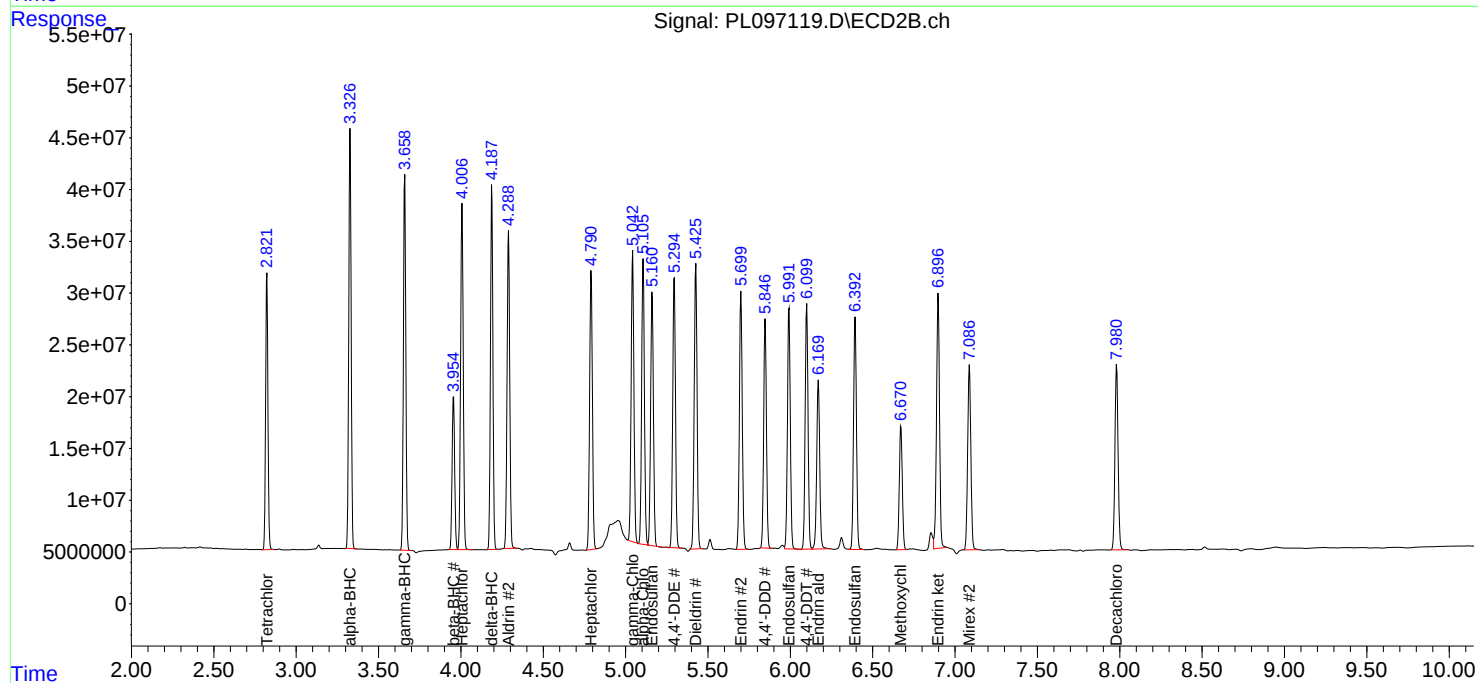
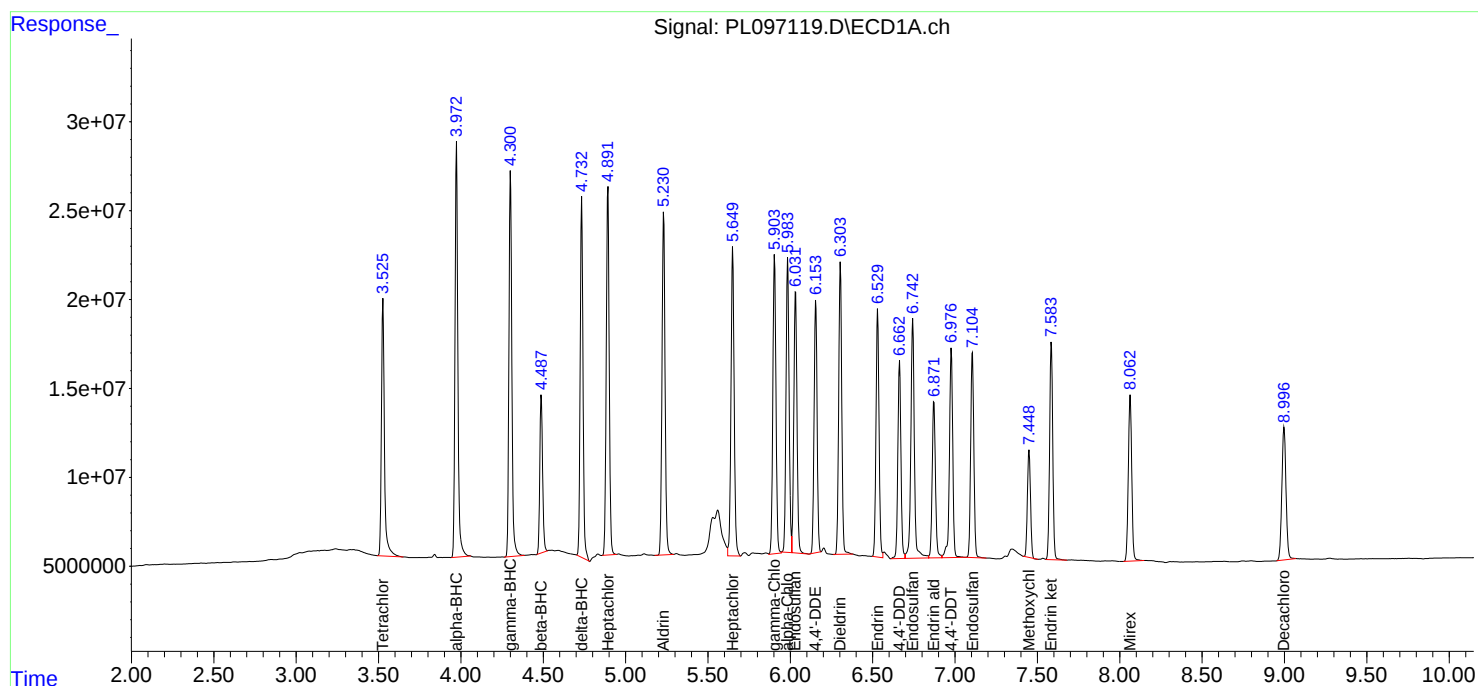
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

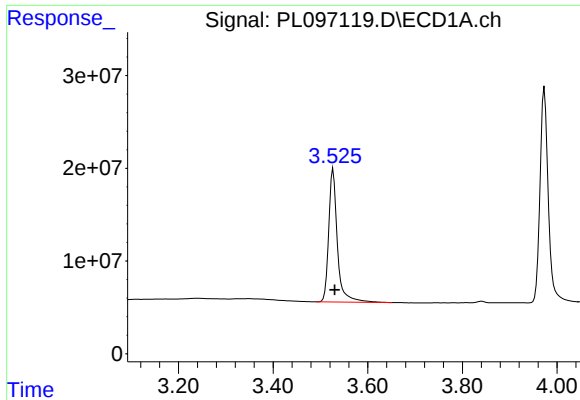
Manual Integrations
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Supervised By :mohammad ahmed 09/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 07:09:16 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





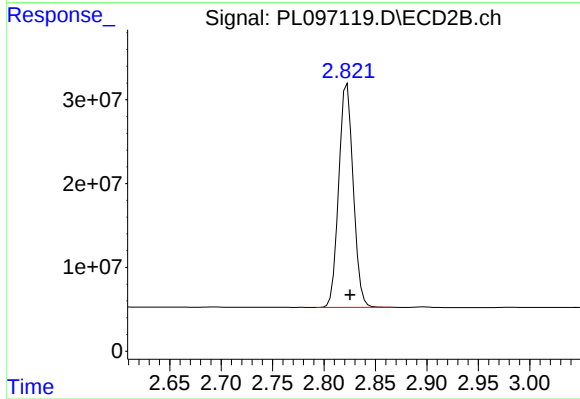
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 182794682
Conc: 46.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

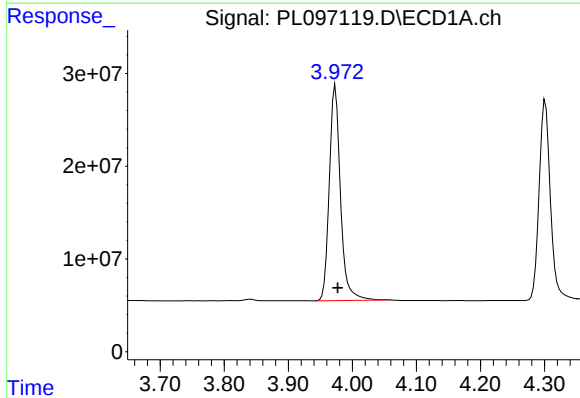
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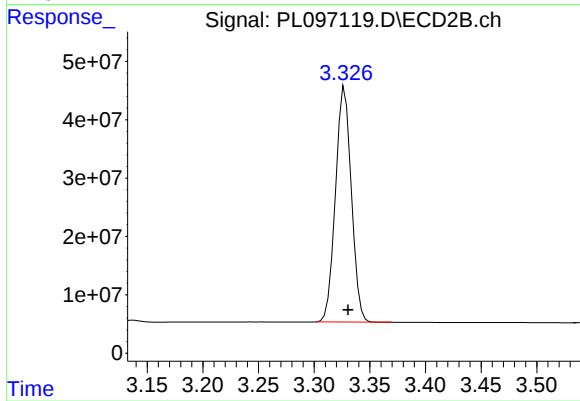
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 261356553
Conc: 46.37 ng/ml



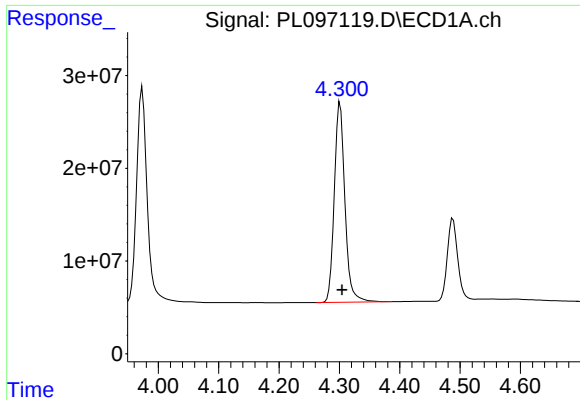
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 282324862
Conc: 48.73 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.003 min
Response: 399587007
Conc: 48.66 ng/ml



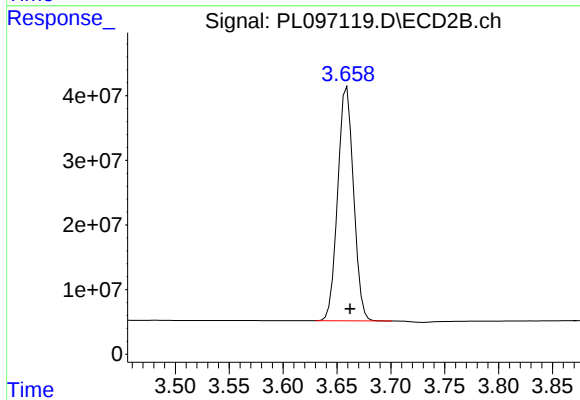
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 264112071
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

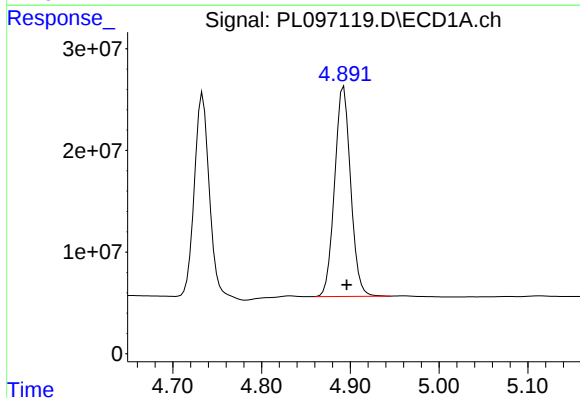
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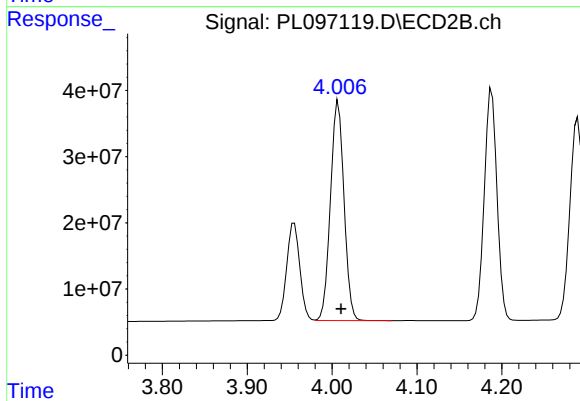
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 369886906
Conc: 50.21 ng/ml



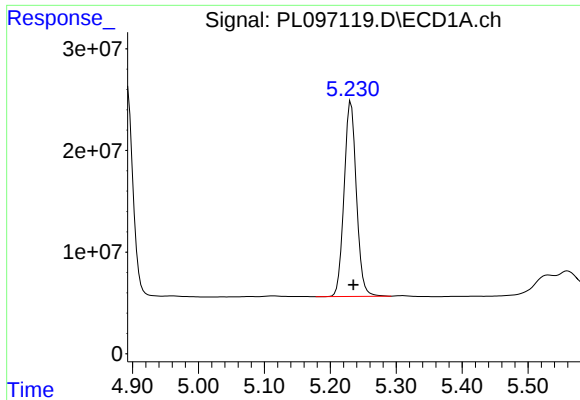
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 258794935
Conc: 48.53 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 368729824
Conc: 49.01 ng/ml



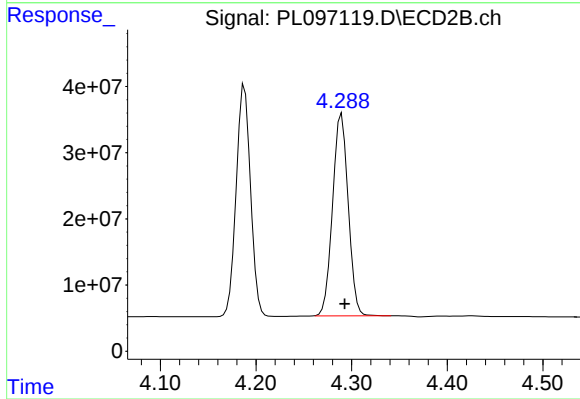
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 249140727
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

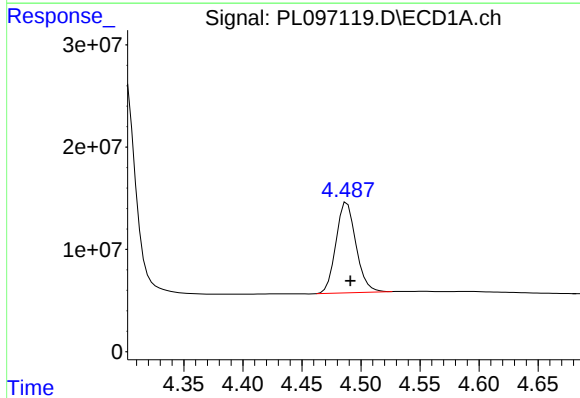
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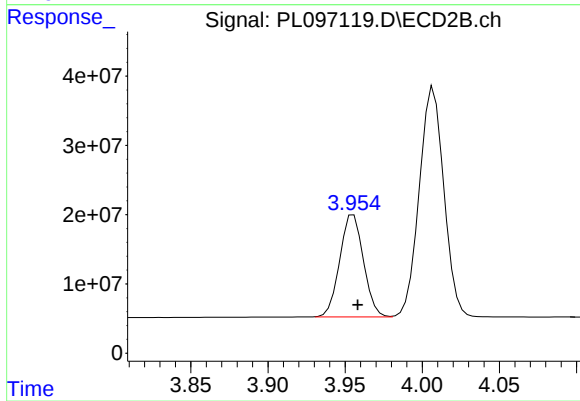
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.003 min
Response: 345897464
Conc: 49.18 ng/ml



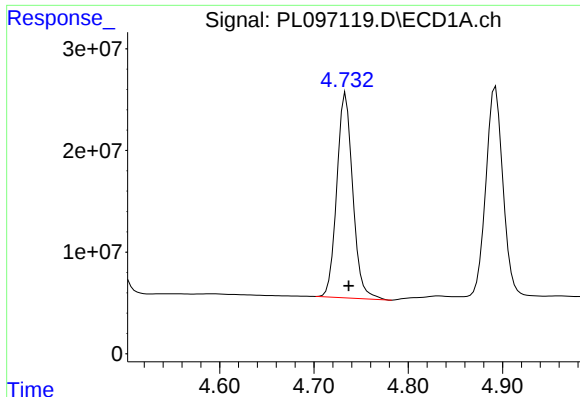
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 104585005
Conc: 45.73 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 157496040
Conc: 48.28 ng/ml



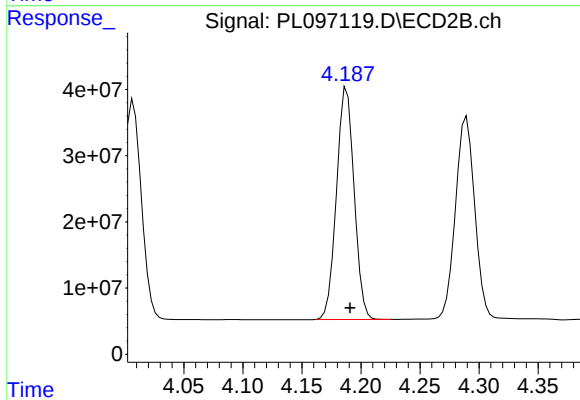
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 237248653
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

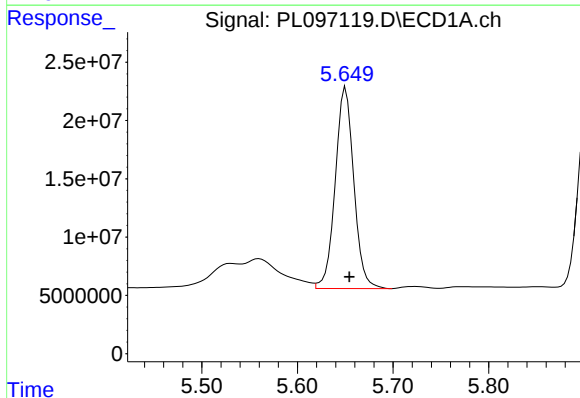
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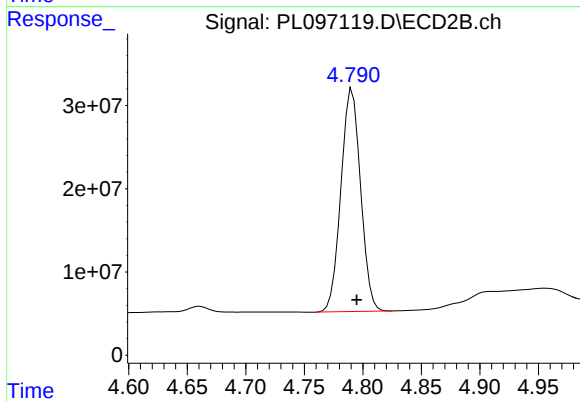
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 364487353
Conc: 49.60 ng/ml



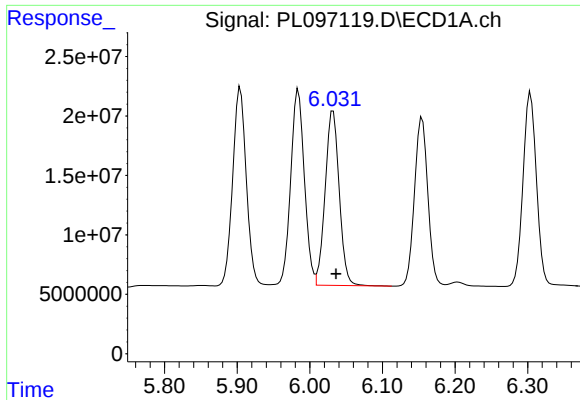
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 233065136
Conc: 45.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 312831897
Conc: 49.46 ng/ml



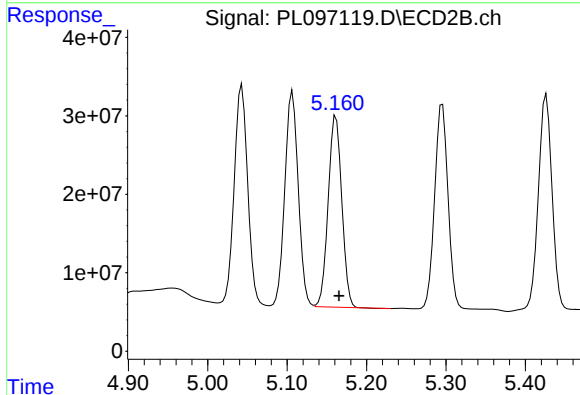
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 198572469
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

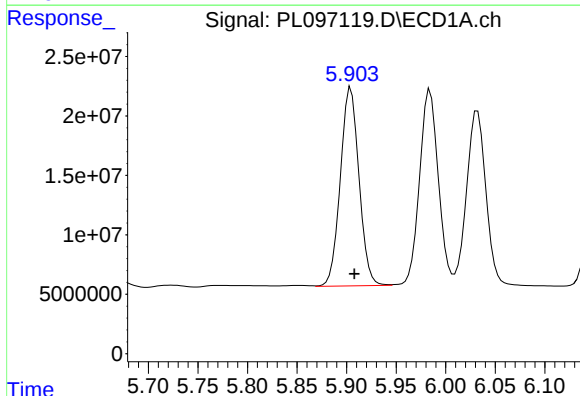
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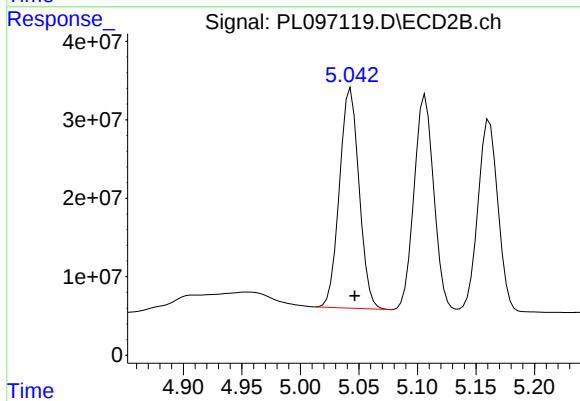
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.004 min
Response: 289805676
Conc: 48.37 ng/ml



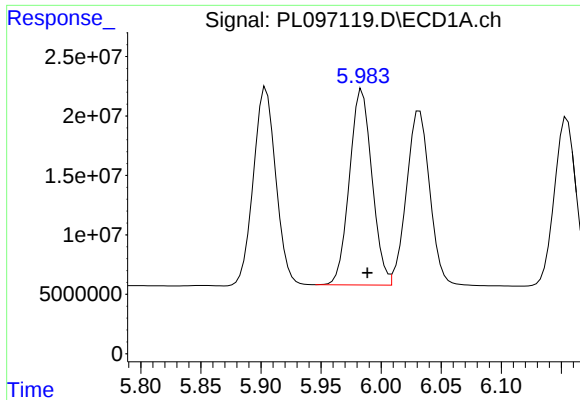
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 218497732
Conc: 47.44 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 327177331
Conc: 49.49 ng/ml



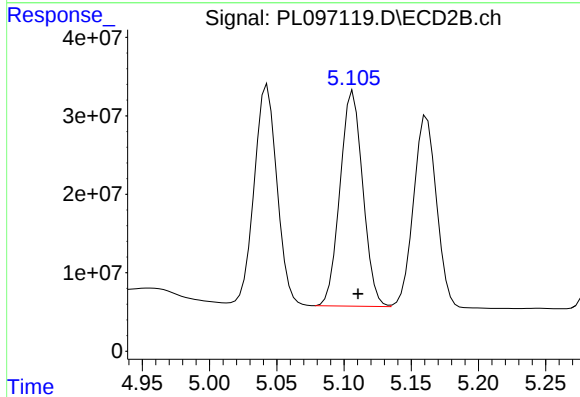
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.004 min
Response: 215416356
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

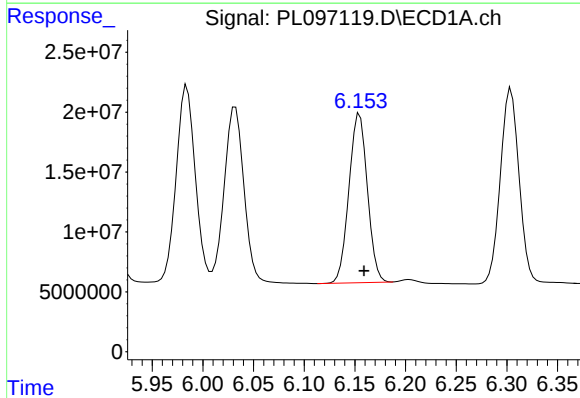
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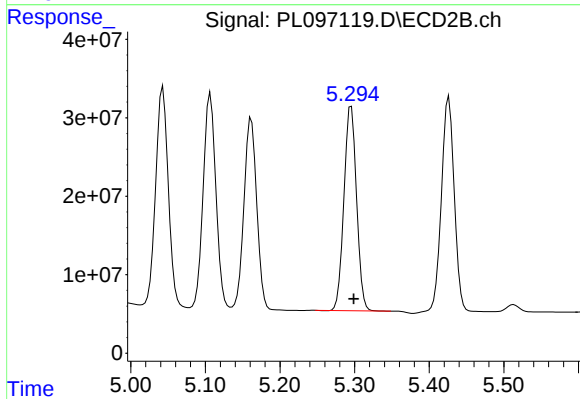
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 322138589
Conc: 49.33 ng/ml



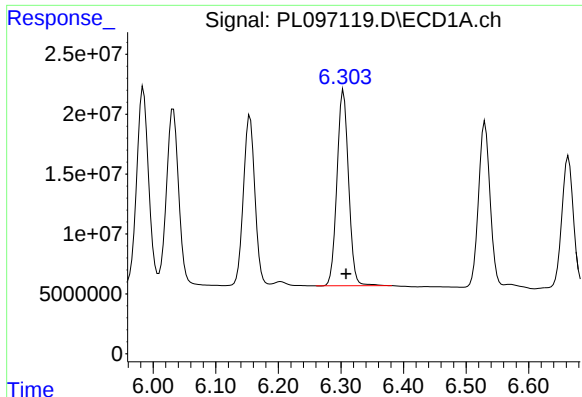
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 178666766
Conc: 44.78 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 304948628
Conc: 49.55 ng/ml



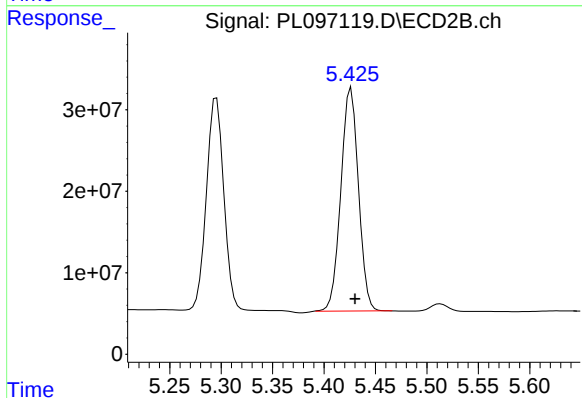
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 211306285
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

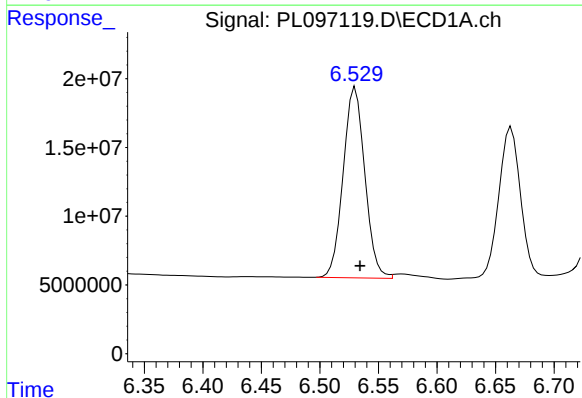
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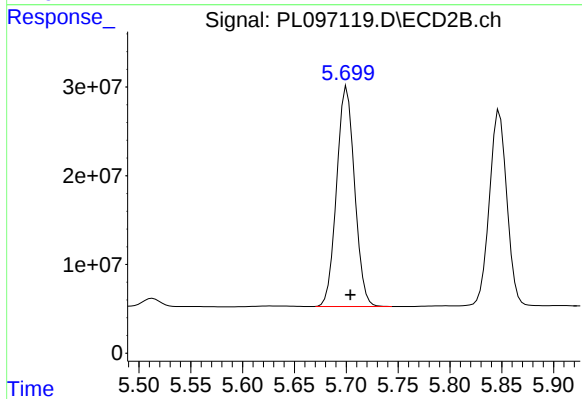
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 326258040
Conc: 49.79 ng/ml m



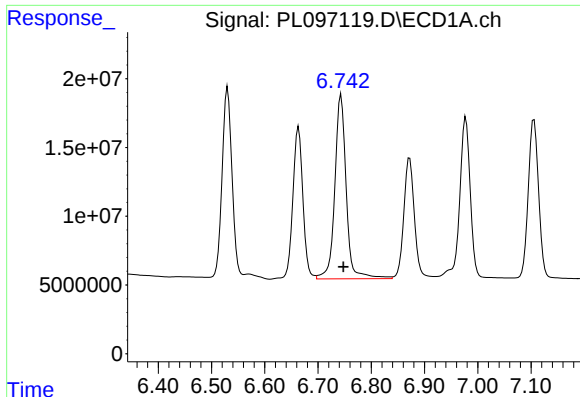
#14 Endrin

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 178477231
Conc: 47.66 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 299228095
Conc: 50.65 ng/ml



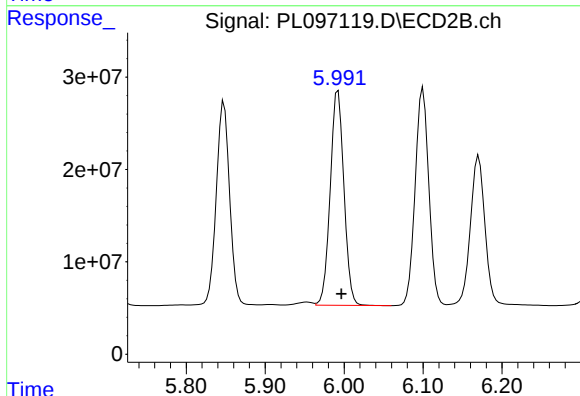
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.004 min
Response: 199099819
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

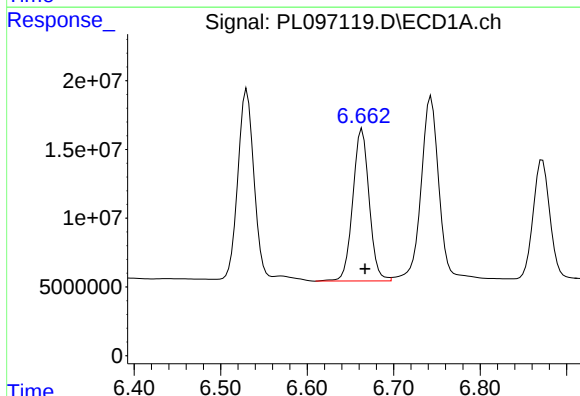
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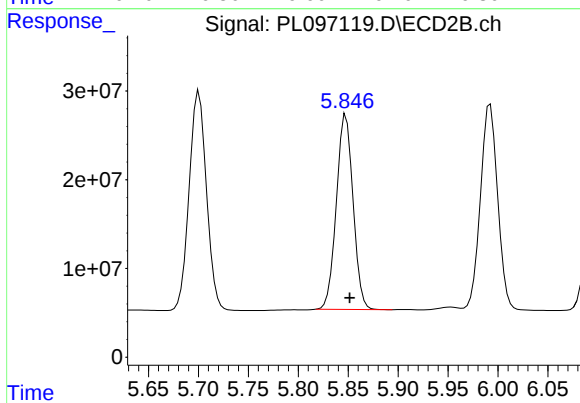
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 280401681
Conc: 49.03 ng/ml



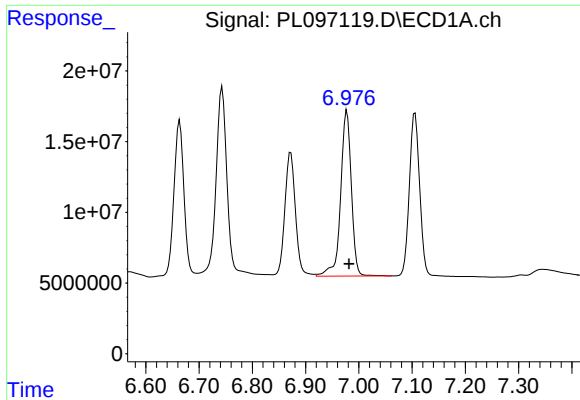
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: -0.003 min
Response: 145397933
Conc: 46.07 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 255803017
Conc: 48.98 ng/ml



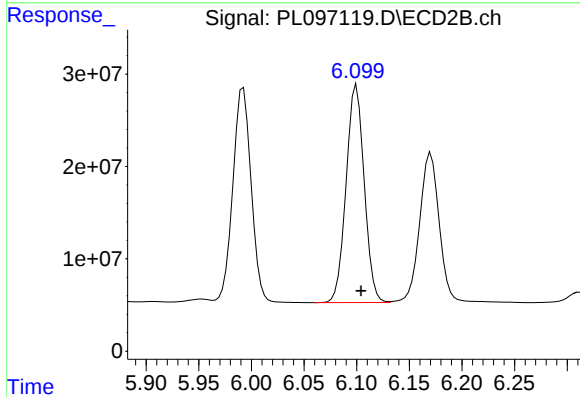
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.004 min
Response: 163168817
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

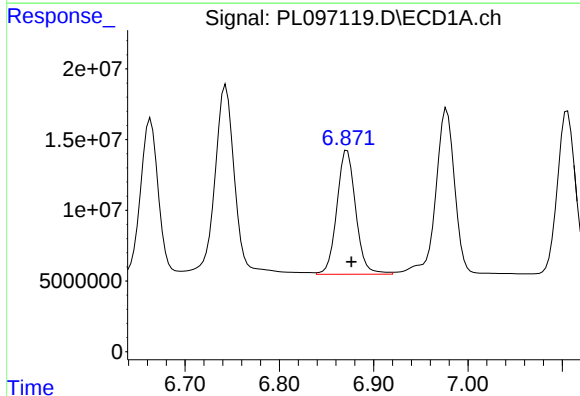
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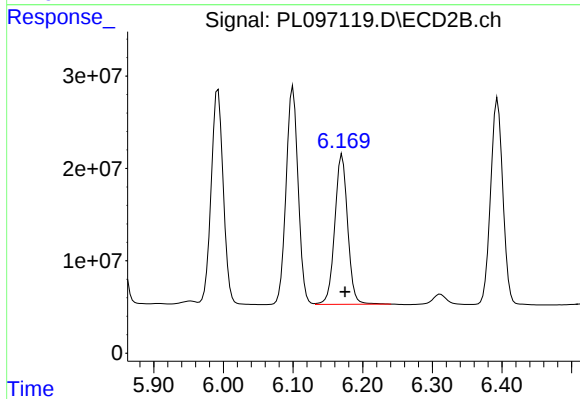
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 283064000
Conc: 51.68 ng/ml



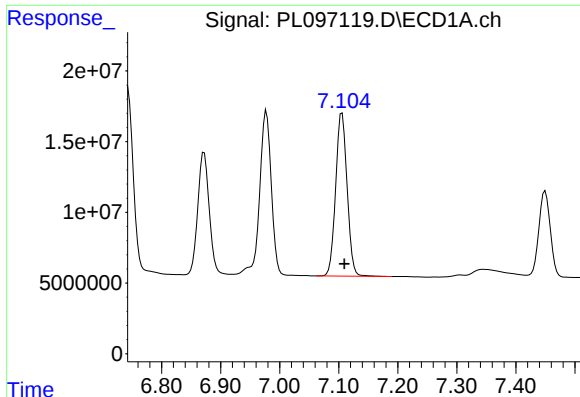
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 121883893
Conc: 46.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 208176904
Conc: 50.08 ng/ml



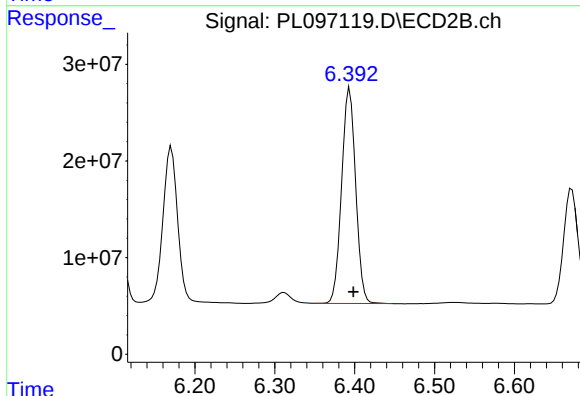
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 155252458
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

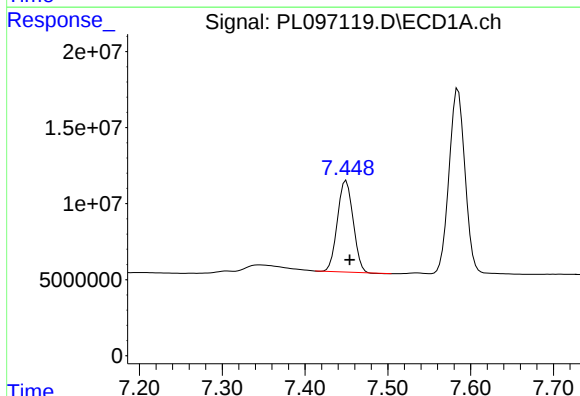
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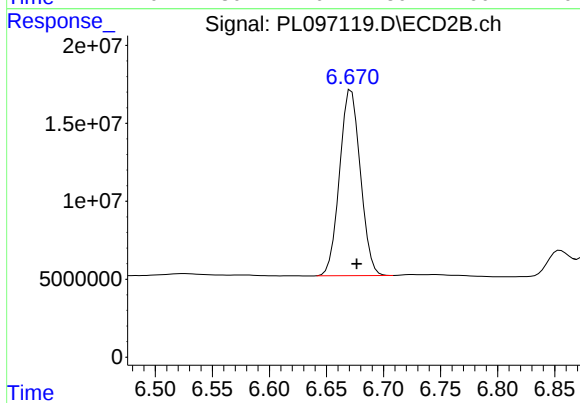
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 272774683
Conc: 48.68 ng/ml



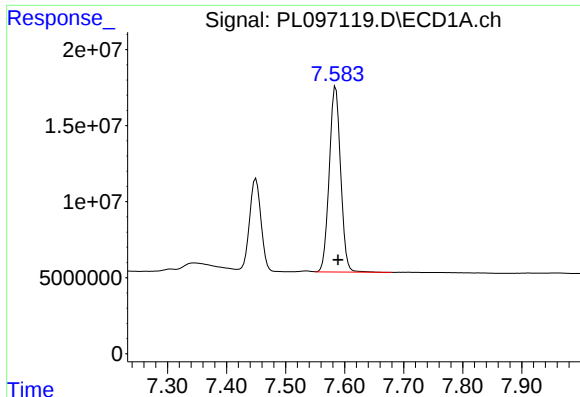
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 79359819
Conc: 45.73 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 151220651
Conc: 50.41 ng/ml



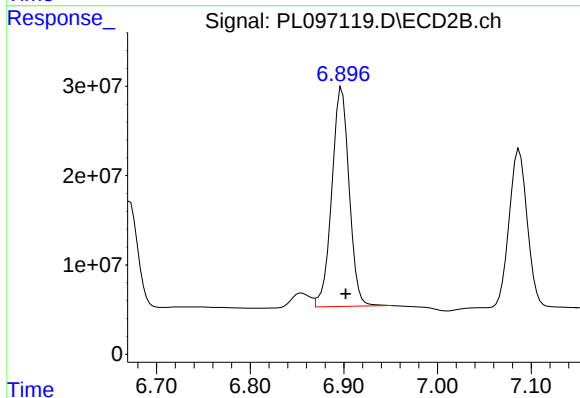
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 163723531
Conc: 46.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

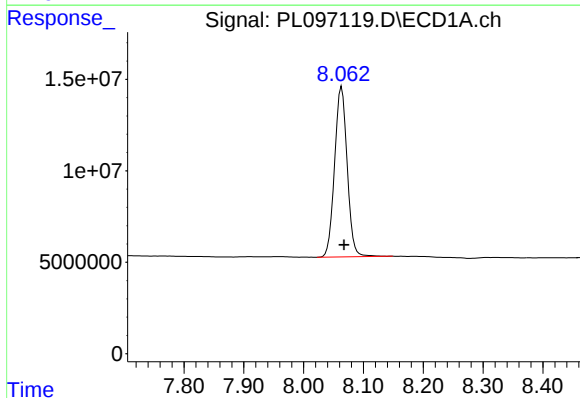
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



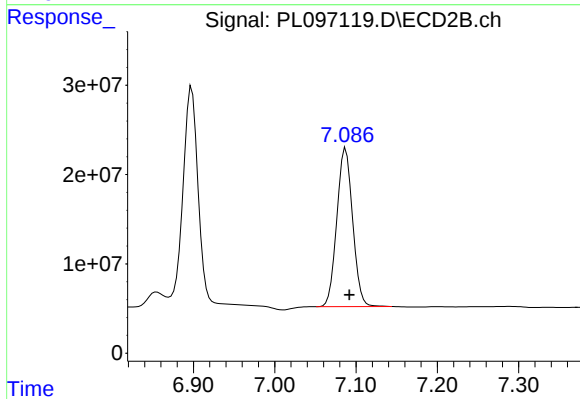
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 316401595
Conc: 50.55 ng/ml



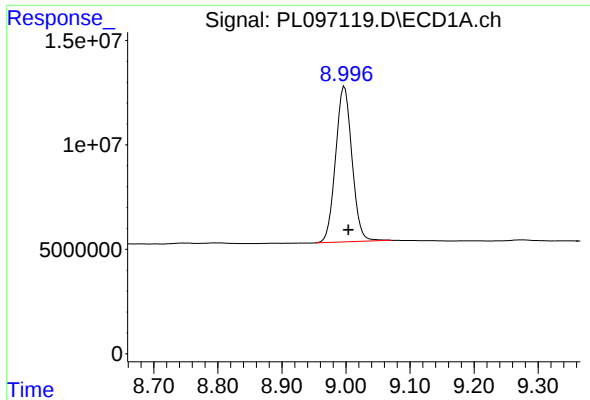
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 136101793
Conc: 45.49 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 239927489
Conc: 49.40 ng/ml



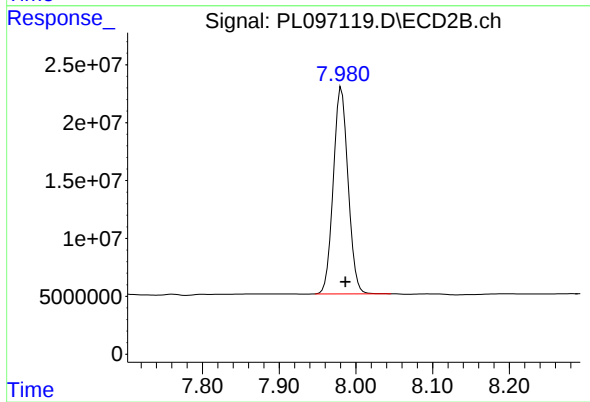
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 132216117
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/11/2025
Supervised By :mohammad ahmed 09/16/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.005 min
Response: 238645930
Conc: 49.76 ng/ml