

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 11:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.523	2.818	226.3E6	316.0E6	55.297	52.496
28)	SA Decachlor...	9.005	7.984	145.6E6	234.6E6	48.941	43.899
Target Compounds							
2)	A alpha-BHC	3.971	3.323	379.6E6	520.2E6	55.870	53.470
3)	MA gamma-BHC...	4.299	3.655	354.6E6	481.1E6	55.508	53.105
4)	MA Heptachlor	4.889	4.003	354.8E6	476.2E6	55.479m	52.529
5)	MB Aldrin	5.230	4.286	333.6E6	451.1E6	54.640	52.476
6)	B beta-BHC	4.488	3.952	144.0E6	206.1E6	55.243	52.166
7)	B delta-BHC	4.734	4.185	348.5E6	471.4E6	58.621	52.529
8)	B Heptachlo...	5.651	4.788	311.1E6	405.3E6	53.353	51.623
9)	A Endosulfan I	6.033	5.159	281.5E6	371.5E6	55.820	49.345
10)	B gamma-Chl...	5.904	5.040	293.9E6	431.4E6	53.609m	49.843
11)	B alpha-Chl...	5.985	5.104	301.1E6	422.0E6	54.857	50.823
12)	B 4,4'-DDE	6.156	5.293	259.0E6	396.3E6	56.428	51.697
13)	MA Dieldrin	6.306	5.423	286.4E6	417.9E6	53.422	51.979m
14)	MA Endrin	6.531	5.699	238.1E6	371.8E6	53.143m	53.136
15)	B Endosulfa...	6.746	5.992	233.6E6	365.4E6	51.306	52.037
16)	A 4,4'-DDD	6.665	5.847	201.7E6	337.1E6	56.430m	52.581
17)	MA 4,4'-DDT	6.981	6.099	208.0E6	339.9E6	51.579	49.417
18)	B Endrin al...	6.875	6.170	168.3E6	264.1E6	51.161	45.879
19)	B Endosulfa...	7.109	6.394	205.0E6	332.9E6	52.427	49.351
20)	A Methoxychlor	7.455	6.672	98907682	172.4E6	48.465	46.410
21)	B Endrin ke...	7.589	6.899	225.1E6	383.0E6	54.080	51.456
22)	Mirex	8.067	7.088	152.3E6	254.1E6	49.388	46.110

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 11:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

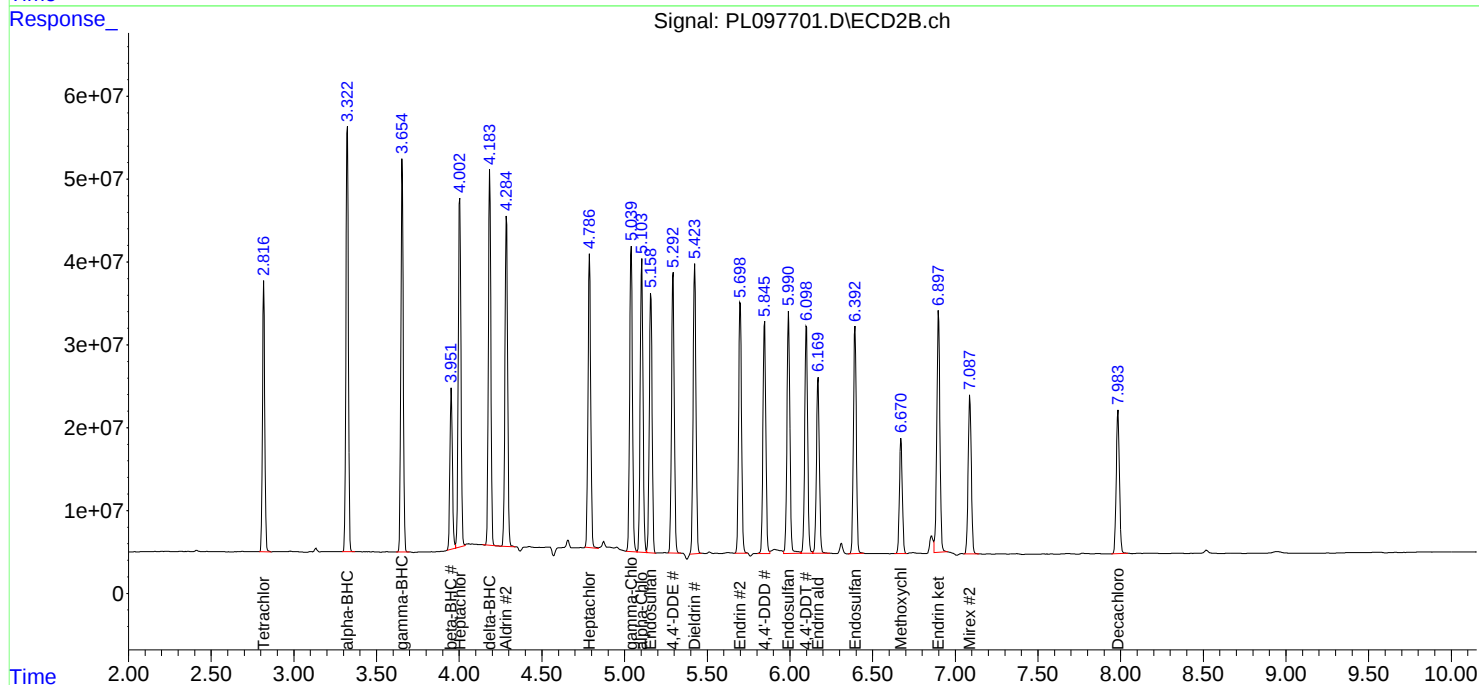
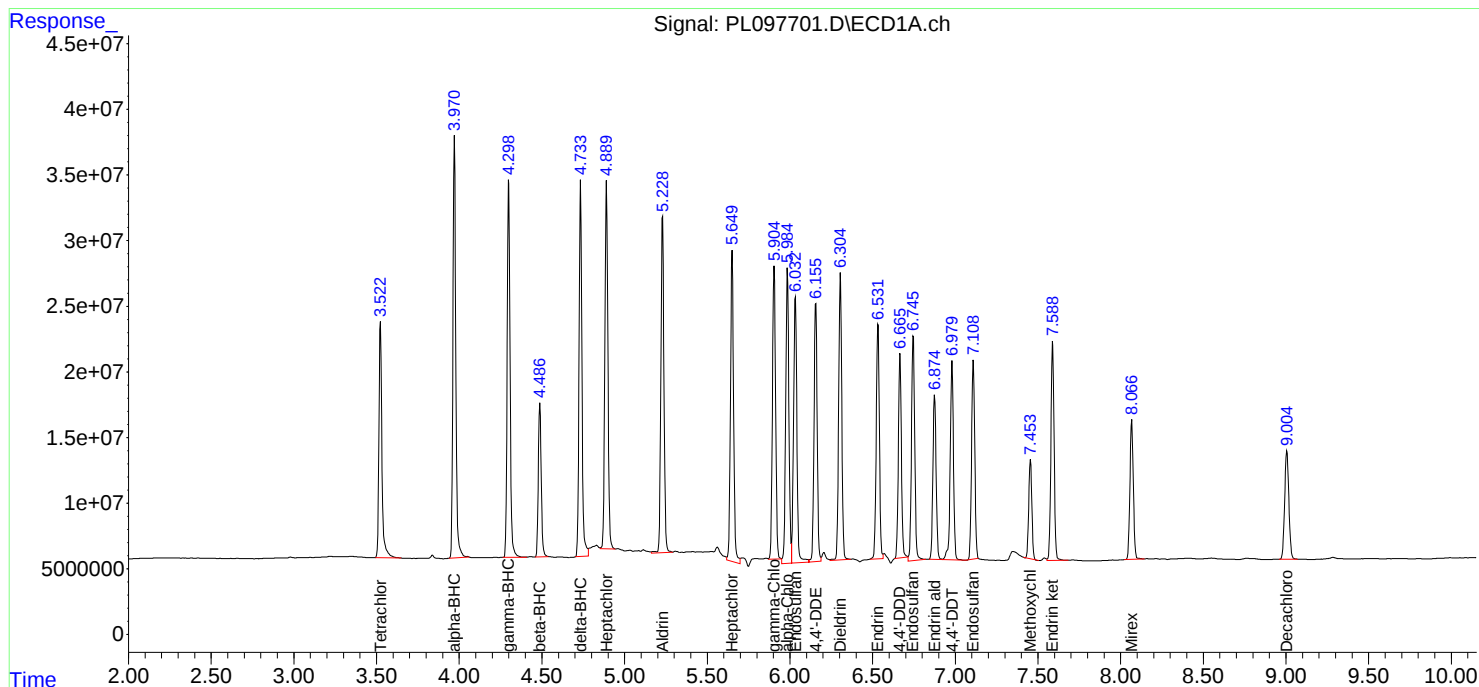
Manual Integrations

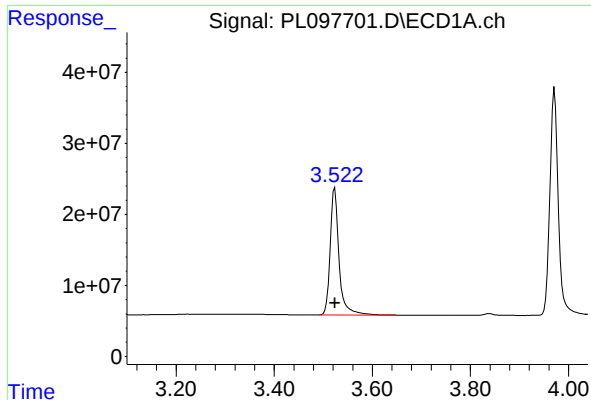
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Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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.: 3.523 min
Delta R.T.: 0.000 min
Response: 226267175
Conc: 55.30 ng/ml

Instrument :

ECD_L

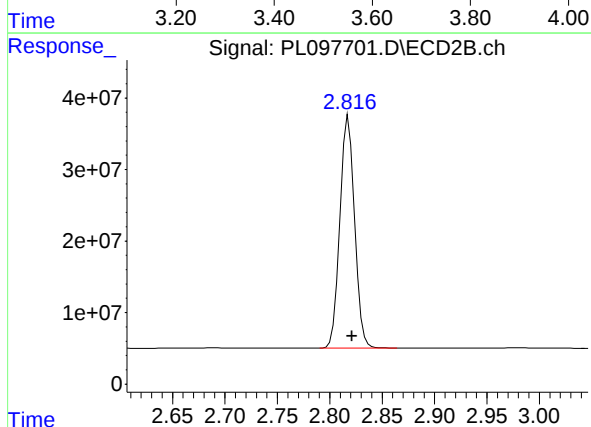
ClientSampleId :

PSTDCCC050

Manual Integrations

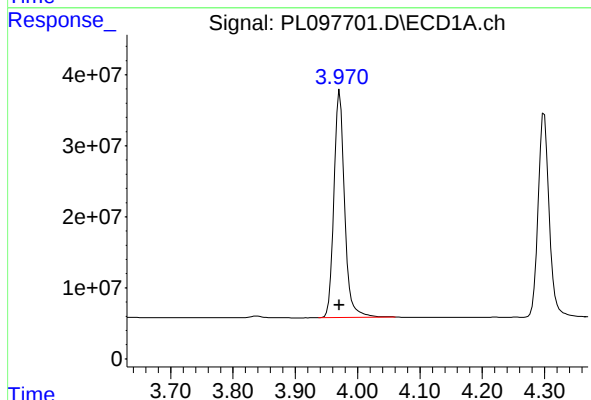
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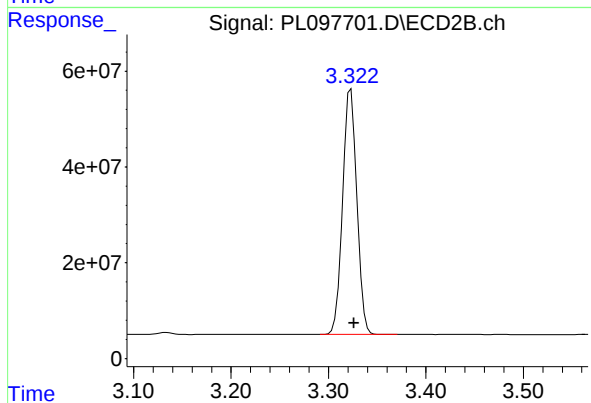
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.003 min
Response: 315974281
Conc: 52.50 ng/ml



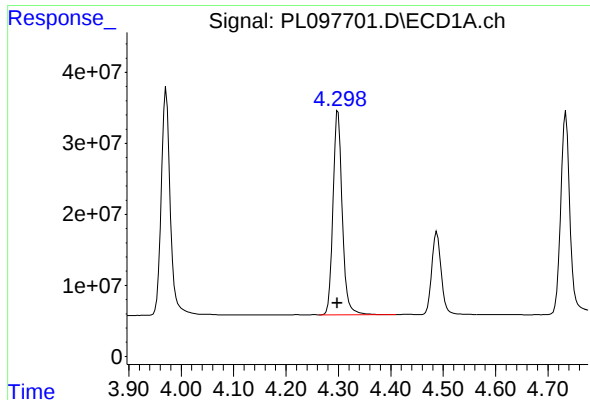
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 379592645
Conc: 55.87 ng/ml



#2 alpha-BHC

R.T.: 3.323 min
Delta R.T.: -0.003 min
Response: 520204023
Conc: 53.47 ng/ml



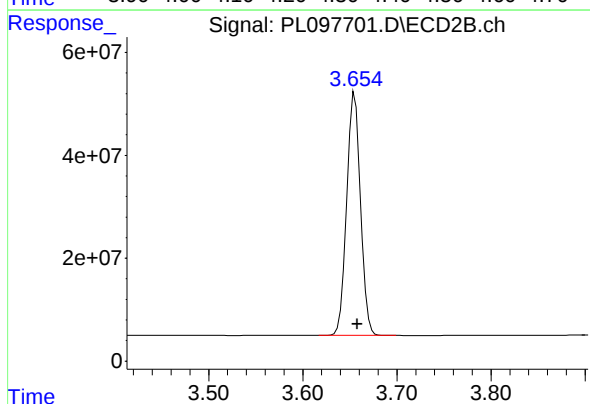
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.002 min
Response: 354627603
Conc: 55.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

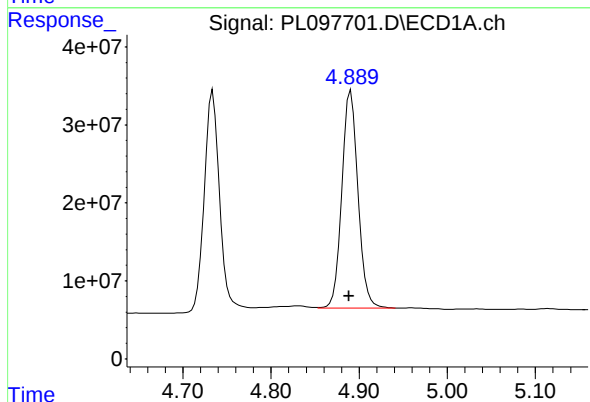
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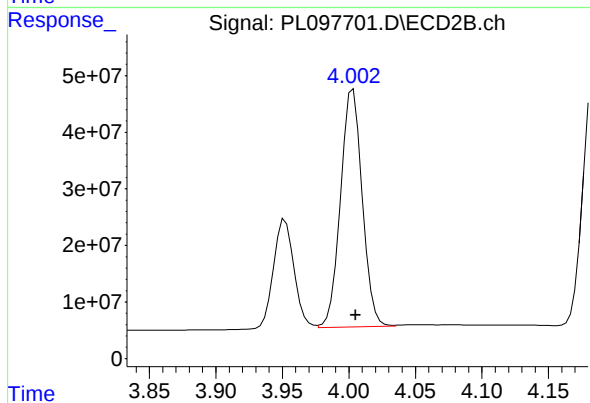
#3 gamma-BHC (Lindane)

R.T.: 3.655 min
Delta R.T.: -0.002 min
Response: 481080864
Conc: 53.11 ng/ml



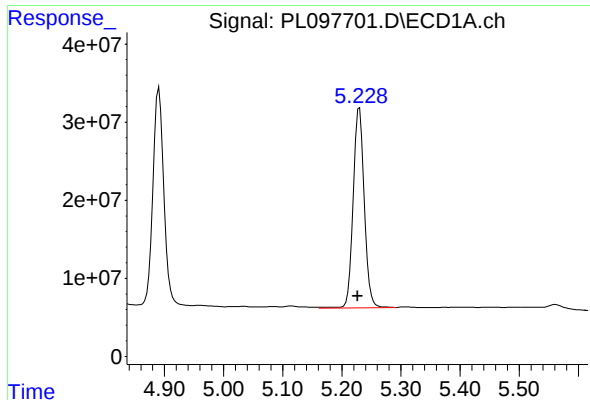
#4 Heptachlor

R.T.: 4.889 min
Delta R.T.: 0.000 min
Response: 354794404
Conc: 55.48 ng/ml m



#4 Heptachlor

R.T.: 4.003 min
Delta R.T.: -0.002 min
Response: 476197489
Conc: 52.53 ng/ml



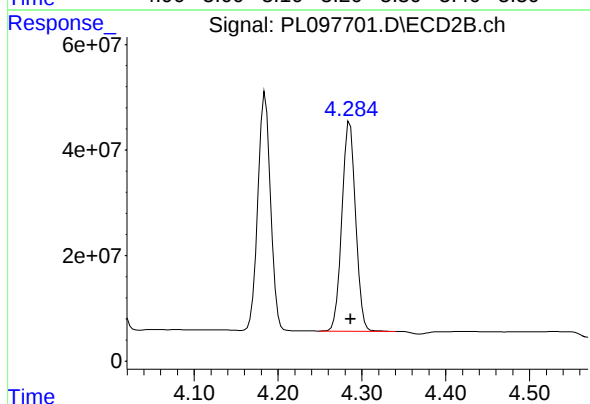
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.002 min
Response: 333576764
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

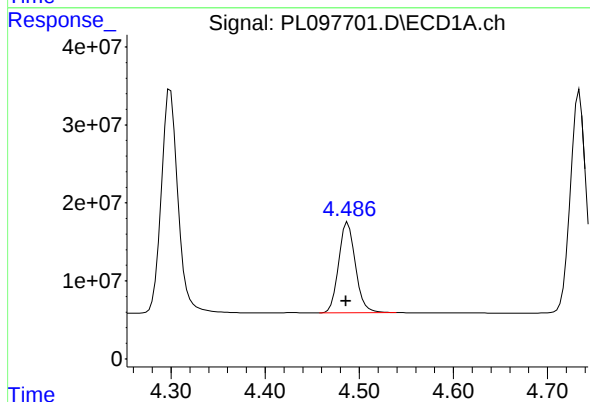
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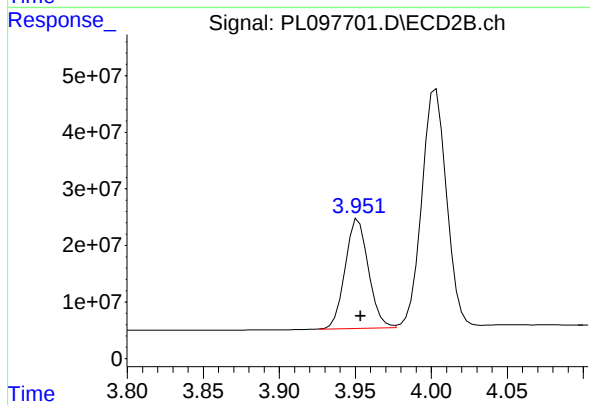
#5 Aldrin

R.T.: 4.286 min
Delta R.T.: 0.000 min
Response: 451144270
Conc: 52.48 ng/ml



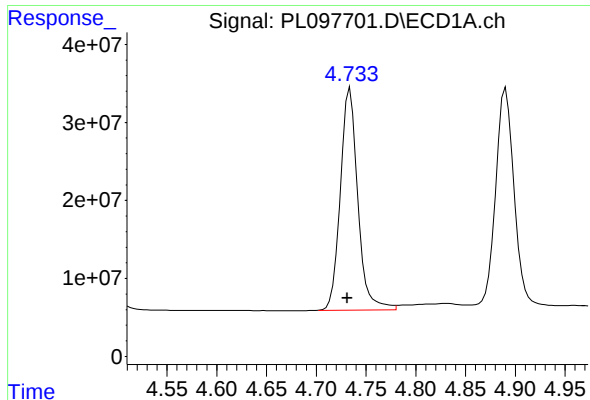
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 143973893
Conc: 55.24 ng/ml



#6 beta-BHC

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 206122413
Conc: 52.17 ng/ml



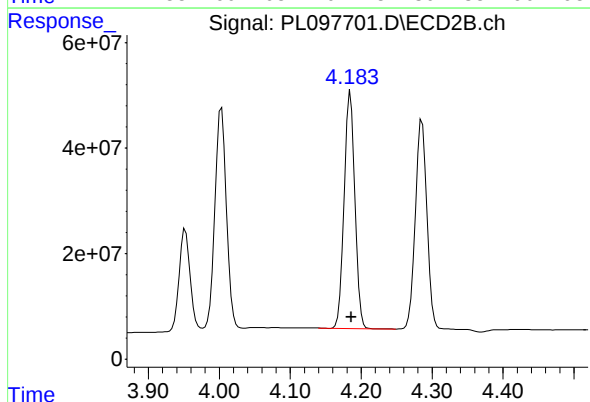
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: 0.003 min
Response: 348504043
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

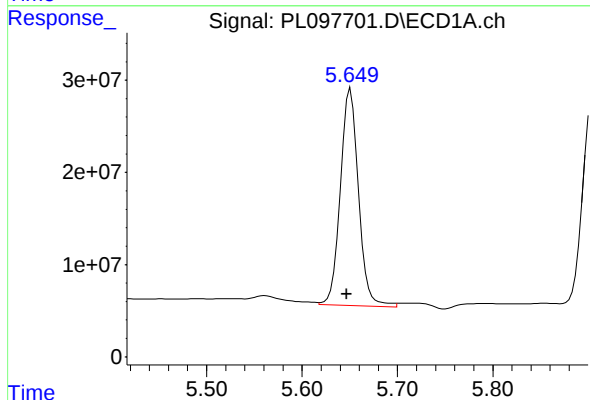
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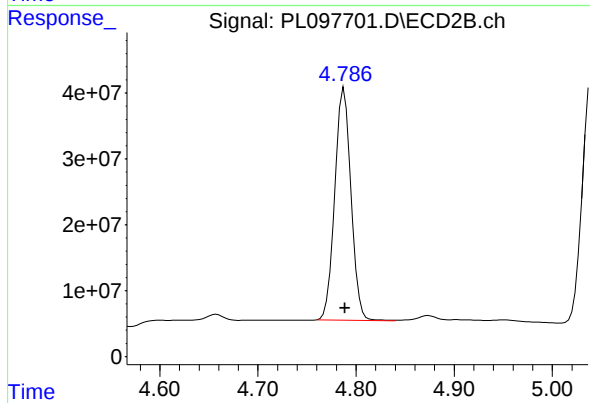
#7 delta-BHC

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 471446393
Conc: 52.53 ng/ml



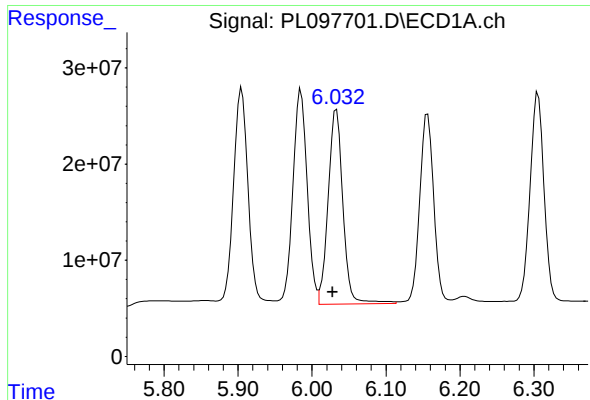
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.004 min
Response: 311126848
Conc: 53.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 405336728
Conc: 51.62 ng/ml



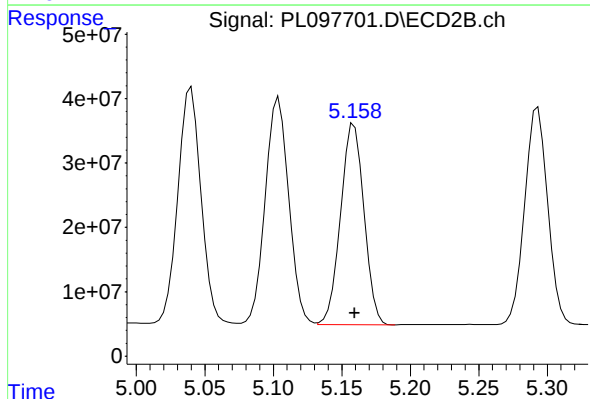
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.005 min
Response: 281498811
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

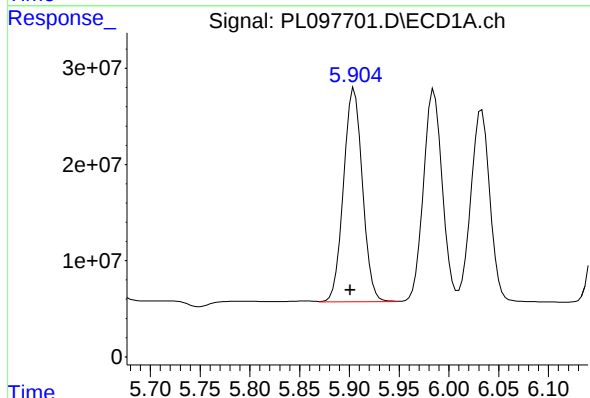
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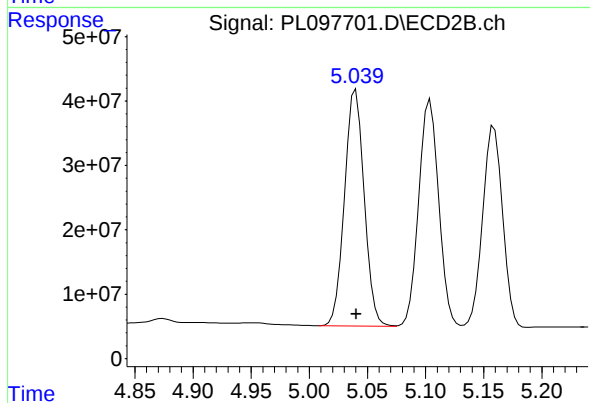
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: 0.000 min
Response: 371488857
Conc: 49.34 ng/ml



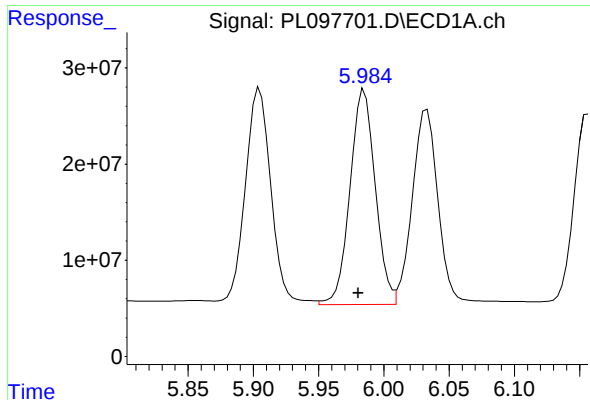
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.002 min
Response: 293892682
Conc: 53.61 ng/ml m



#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 431360013
Conc: 49.84 ng/ml



#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: 0.005 min
Response: 301149920
Conc: 54.86 ng/ml

Instrument :

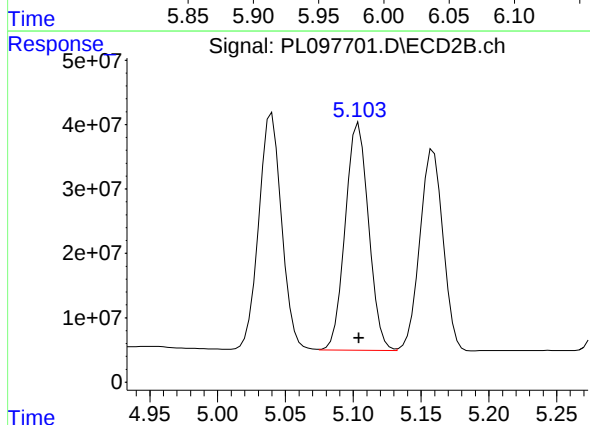
ECD_L

ClientSampleId :

PSTDCCC050

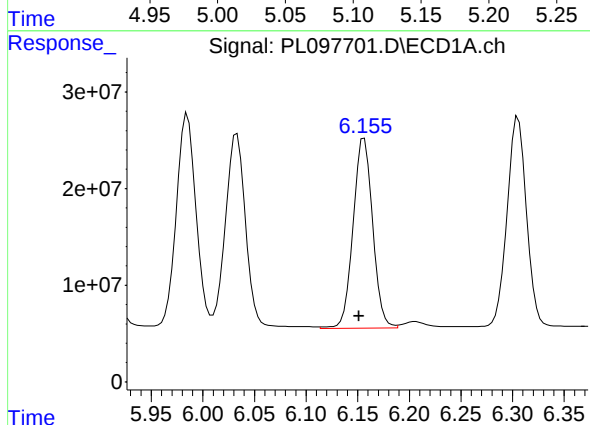
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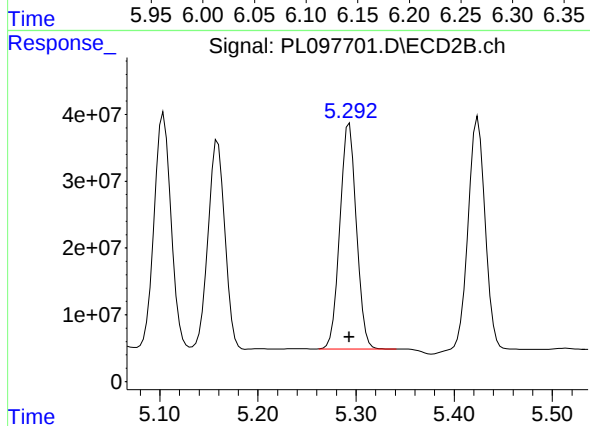
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 422005519
Conc: 50.82 ng/ml



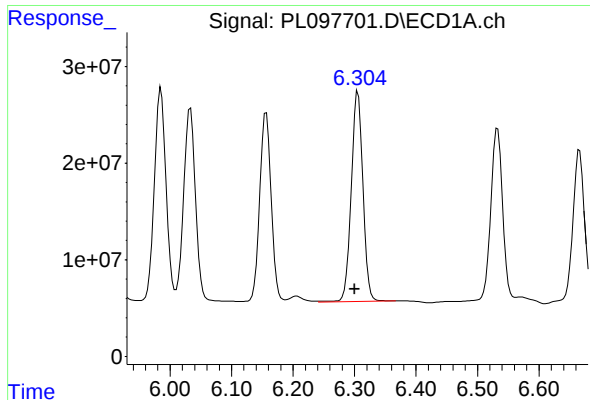
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.005 min
Response: 258973527
Conc: 56.43 ng/ml



#12 4,4'-DDE

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 396274747
Conc: 51.70 ng/ml



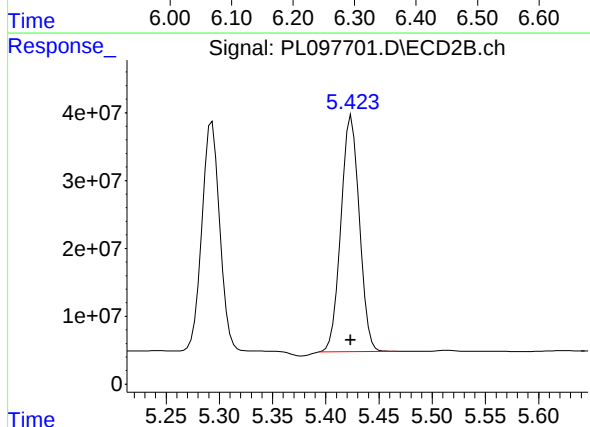
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: 0.005 min
Response: 286424207
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

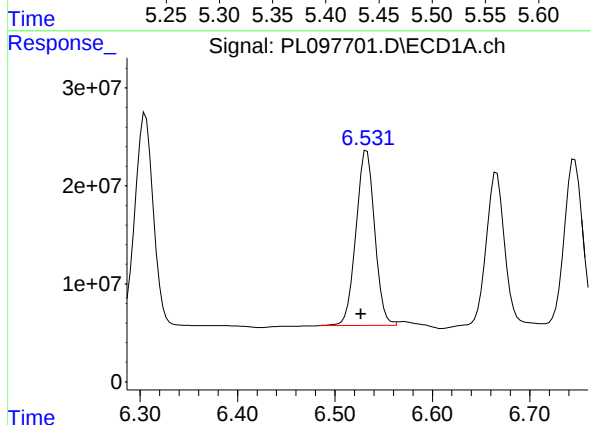
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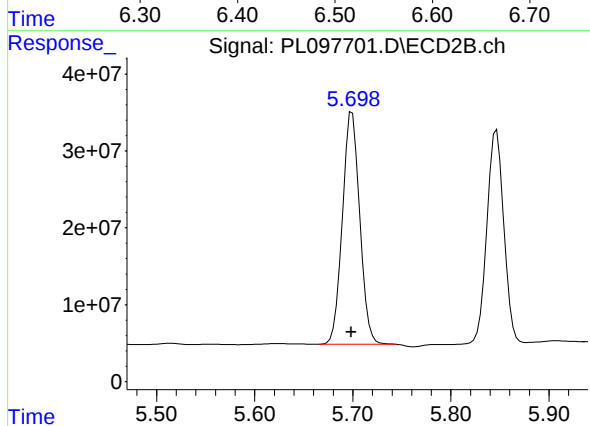
#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: 0.000 min
Response: 417887119
Conc: 51.98 ng/ml



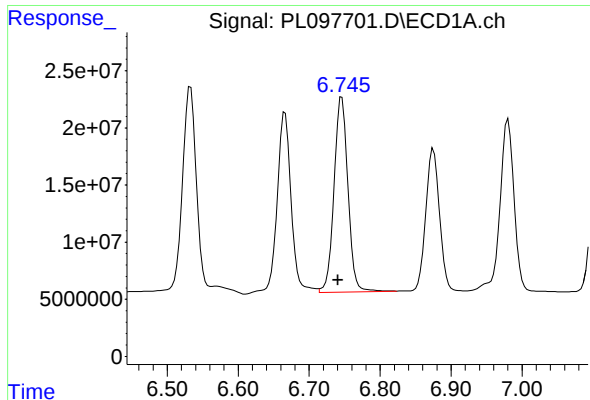
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 238068025
Conc: 53.14 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: 0.000 min
Response: 371770687
Conc: 53.14 ng/ml



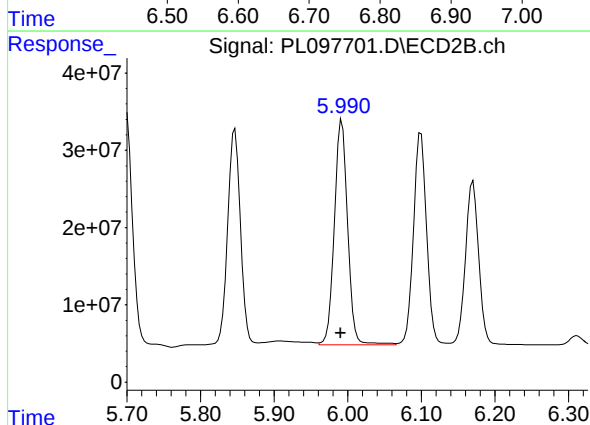
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.006 min
Response: 233586147
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

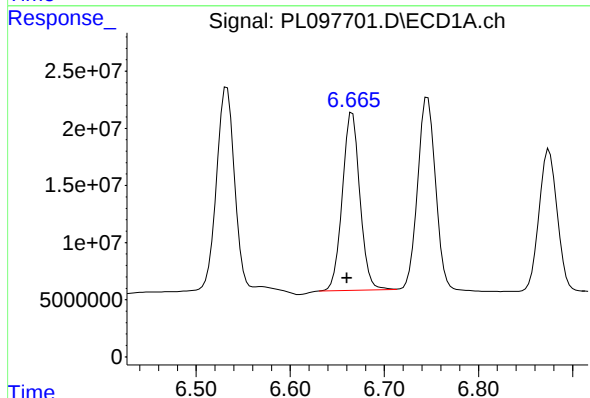
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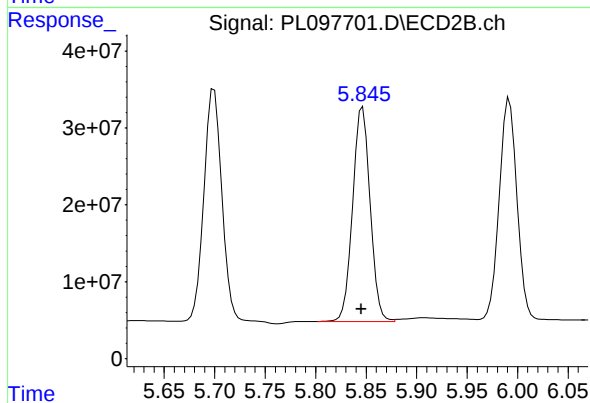
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 365415344
Conc: 52.04 ng/ml



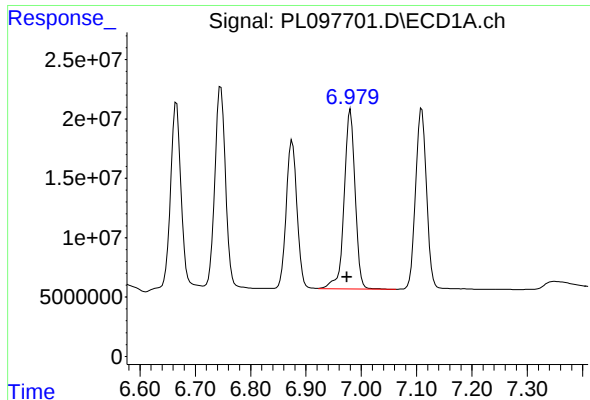
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.004 min
Response: 201715035
Conc: 56.43 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.001 min
Response: 337087886
Conc: 52.58 ng/ml



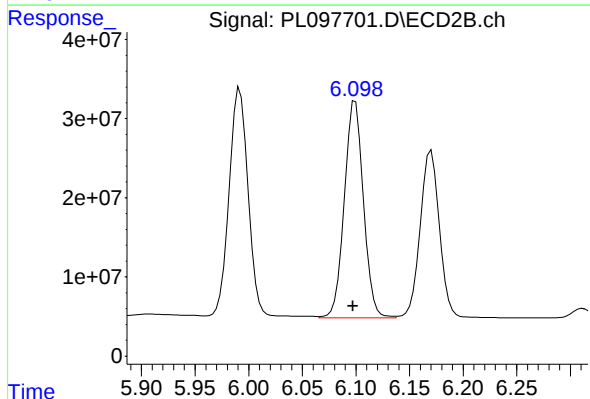
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.006 min
Response: 207962335
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

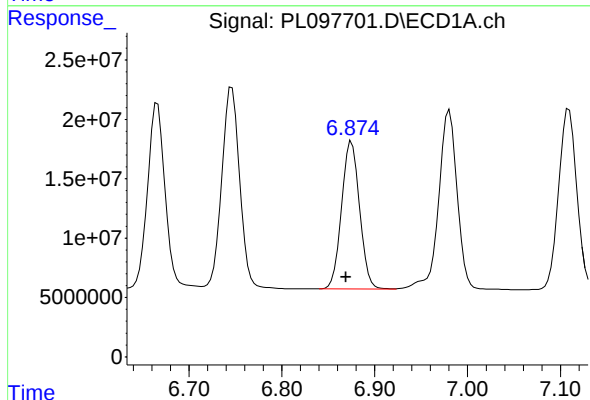
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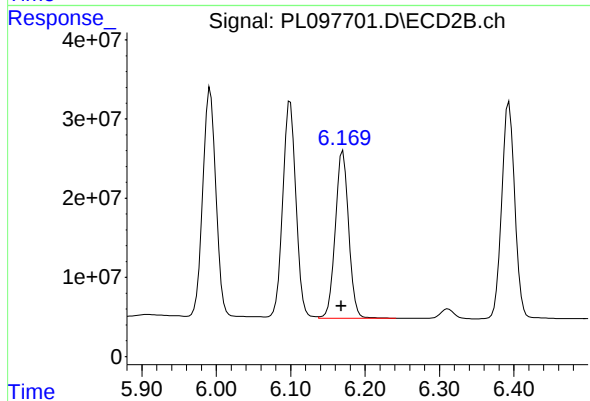
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 339907906
Conc: 49.42 ng/ml



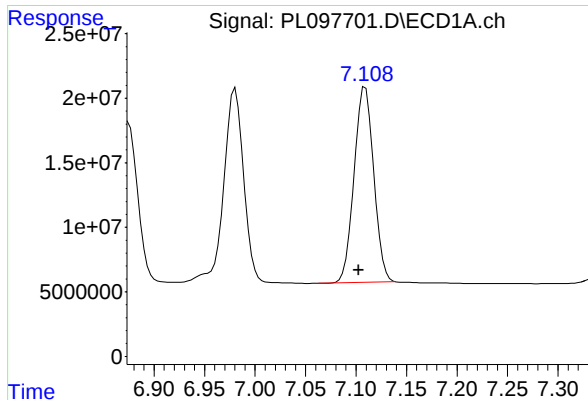
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.006 min
Response: 168319312
Conc: 51.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 264058576
Conc: 45.88 ng/ml



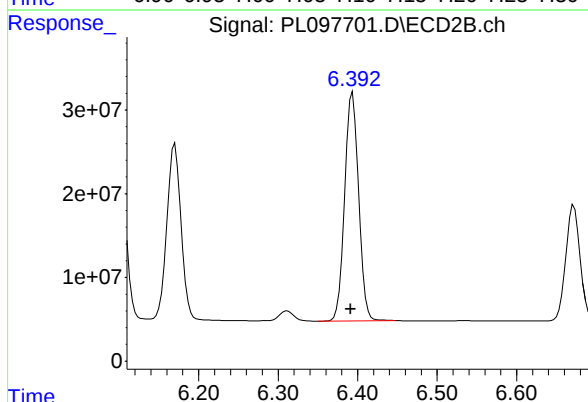
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.007 min
Response: 204959922
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

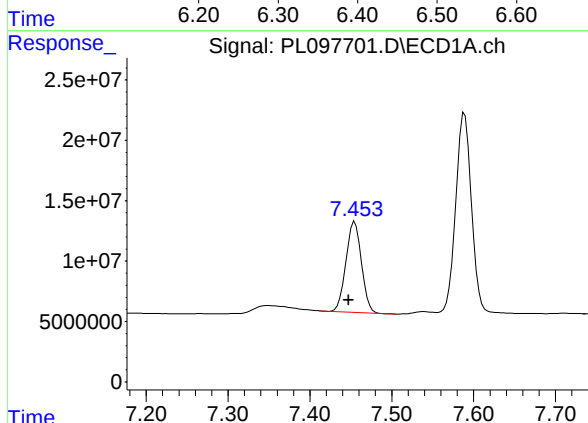
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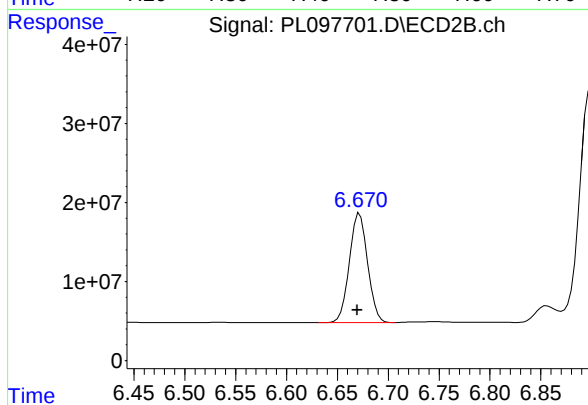
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 332938796
Conc: 49.35 ng/ml



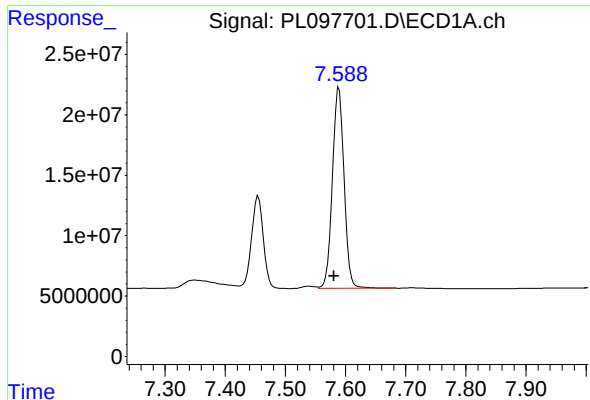
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: 0.008 min
Response: 98907682
Conc: 48.46 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 172425642
Conc: 46.41 ng/ml



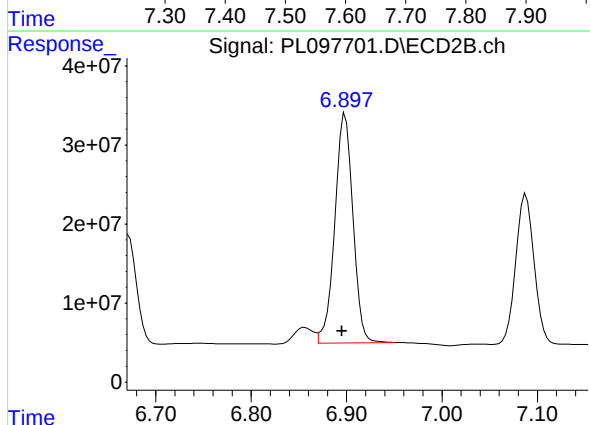
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: 0.008 min
Response: 225117224
Conc: 54.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

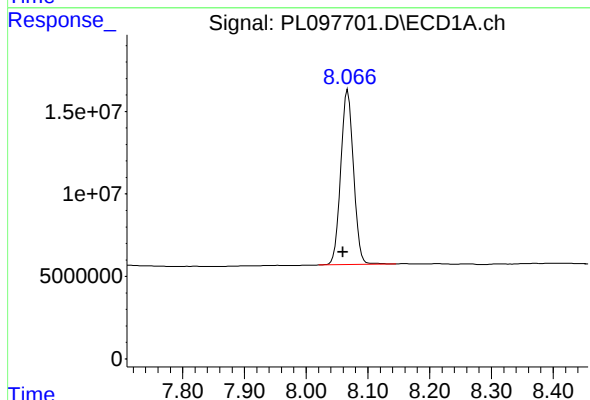
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



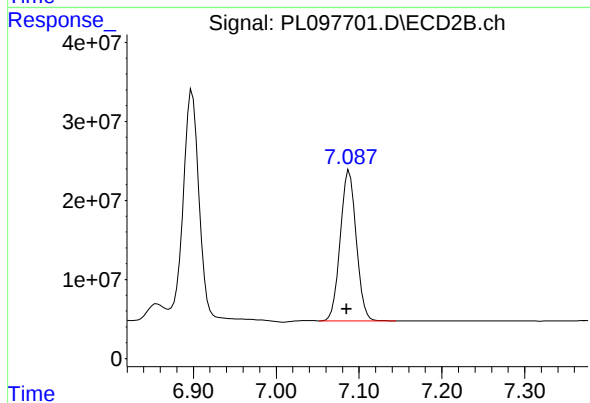
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.003 min
Response: 383030307
Conc: 51.46 ng/ml



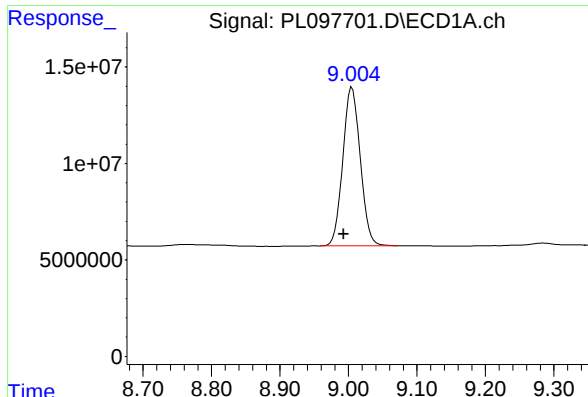
#22 Mirex

R.T.: 8.067 min
Delta R.T.: 0.008 min
Response: 152313836
Conc: 49.39 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.003 min
Response: 254091223
Conc: 46.11 ng/ml



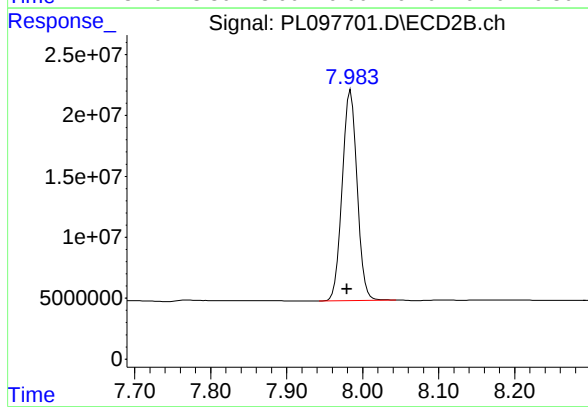
#28 Decachlorobiphenyl

R.T.: 9.005 min
Delta R.T.: 0.012 min
Response: 145608732
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Yogesh Patel 11/03/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 234630652
Conc: 43.90 ng/ml