

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
 Data File : PL097689.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2025 13:45
 Operator : AR\AJ
 Sample : Q3486-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP5MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 23:18:51 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...	3.524	2.822	60812773	91795200	14.862m	15.251
28)	SA Decachlor...	8.999	7.982	38563933	53886643	12.962m	10.082
Target Compounds							
2)	A alpha-BHC	3.972	3.328	331.2E6	483.3E6	48.746	49.676
3)	MA gamma-BHC...	4.300	3.659	312.8E6	444.9E6	48.963	49.109
4)	MA Heptachlor	4.891	4.006	322.9E6	433.7E6	50.486	47.839
5)	MB Aldrin	5.230	4.289	290.9E6	413.7E6	47.646	48.121
6)	B beta-BHC	4.488	3.955	133.5E6	182.2E6	51.212	46.113
7)	B delta-BHC	4.733	4.188	300.1E6	432.7E6	50.478	48.214
8)	B Heptachlo...	5.650	4.790	265.3E6	364.6E6	45.493	46.438
9)	A Endosulfan I	6.032	5.162	233.1E6	328.9E6	46.213	43.687
10)	B gamma-Chl...	5.904	5.042	255.2E6	381.5E6	46.559	44.079
11)	B alpha-Chl...	5.984	5.107	253.3E6	369.3E6	46.142	44.481
12)	B 4,4'-DDE	6.155	5.296	221.5E6	343.4E6	48.272	44.798
13)	MA Dieldrin	6.304	5.426	250.7E6	359.2E6	46.766	44.674
14)	MA Endrin	6.530	5.701	210.7E6	313.5E6	47.036	44.812
15)	B Endosulfa...	6.744	5.993	220.5E6	301.0E6	48.433	42.870
16)	A 4,4'-DDD	6.663	5.848	179.9E6	267.0E6	50.322	41.655
17)	MA 4,4'-DDT	6.978	6.100	187.5E6	288.7E6	46.493	41.970
18)	B Endrin al...	6.873	6.171	150.1E6	225.7E6	45.621	39.211
19)	B Endosulfa...	7.106	6.395	181.9E6	276.3E6	46.535	40.963
20)	A Methoxychlor	7.451	6.673	99932857	156.4E6	48.967	42.095
21)	B Endrin ke...	7.586	6.899	194.2E6	306.3E6	46.663	41.154
22)	Mirex	8.064	7.088	129.8E6	209.3E6	42.101	37.982

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
Data File : PL097689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2025 13:45
Operator : AR\AJ
Sample : Q3486-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

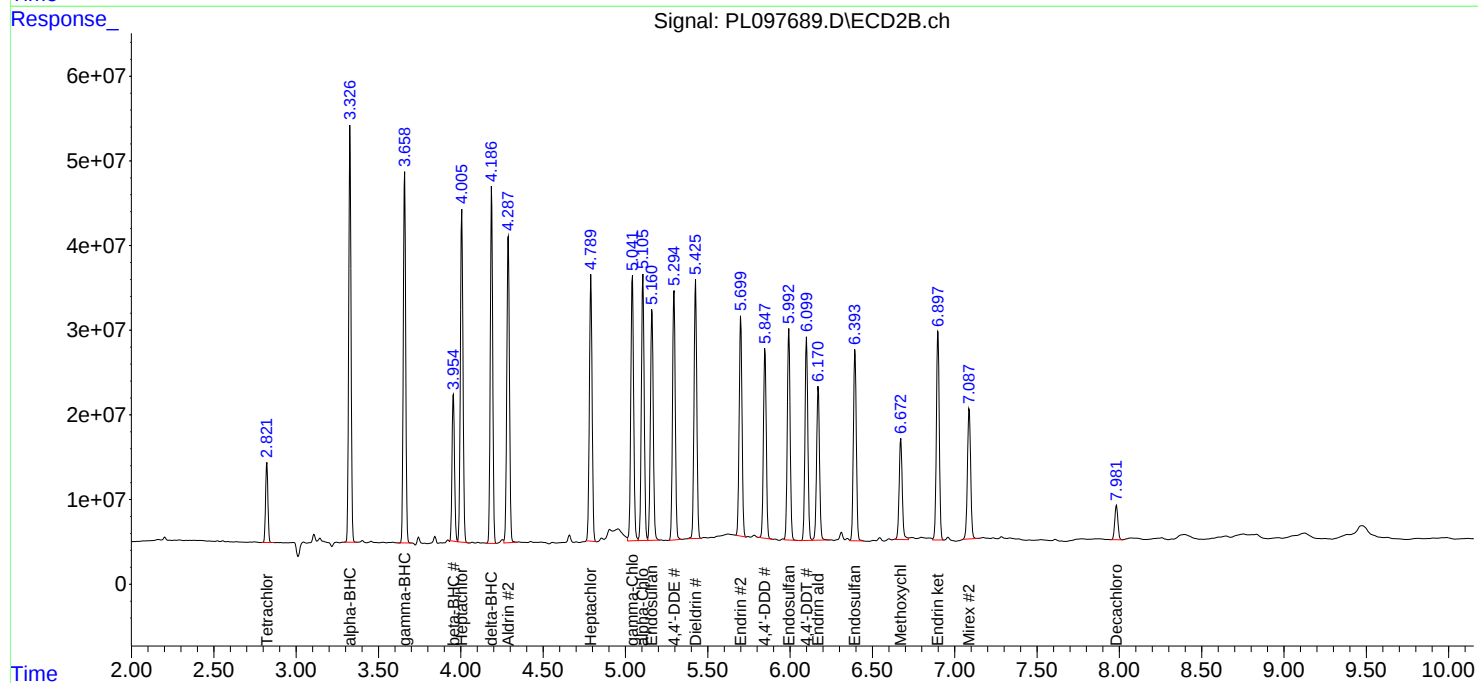
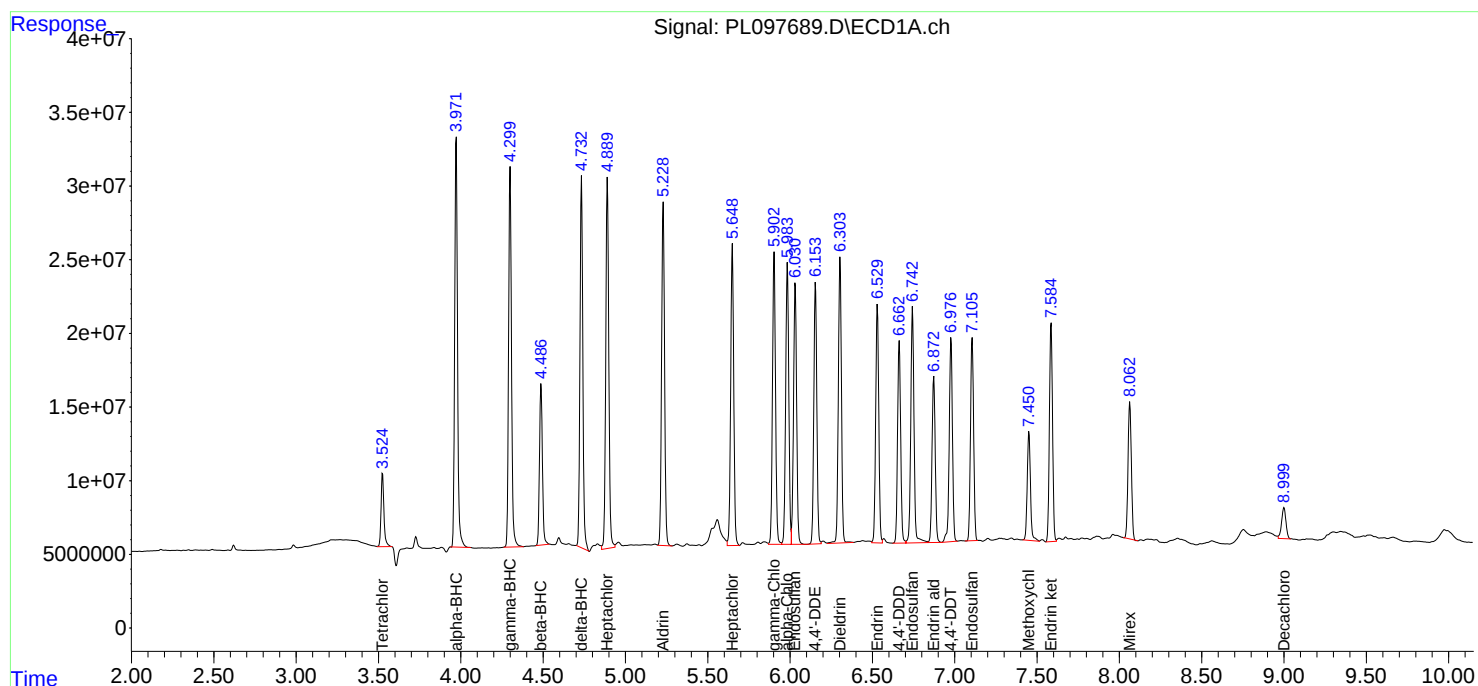
Instrument :
ECD_L
ClientSampleId :
TP5MS

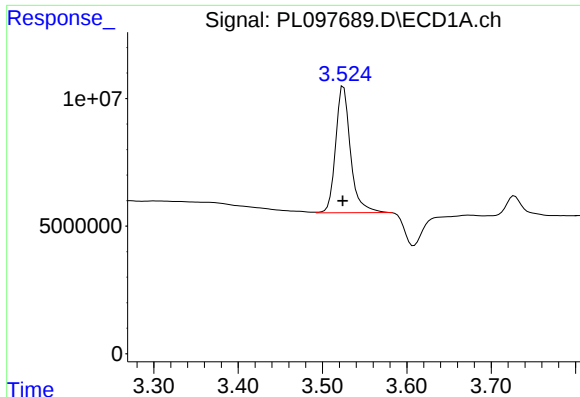
Manual Integrations
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Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 23:18:51 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





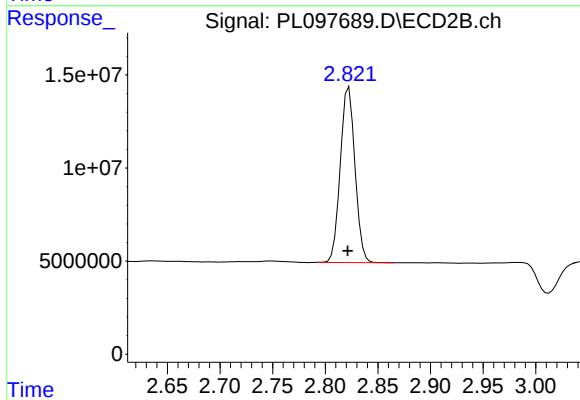
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 60812773
Conc: 14.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

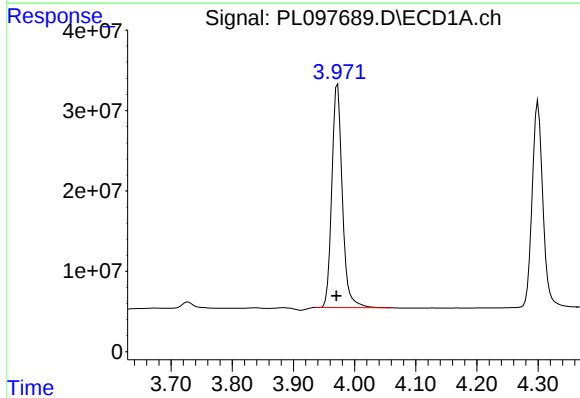
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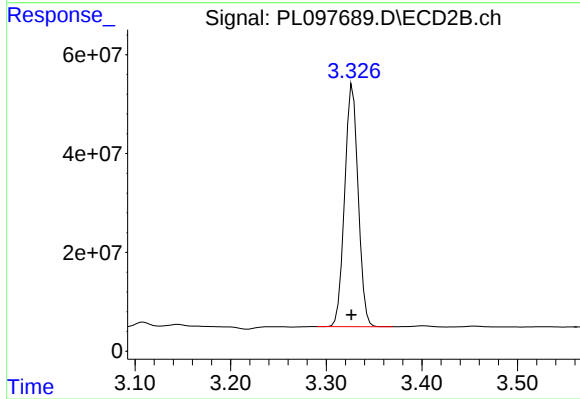
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.001 min
Response: 91795200
Conc: 15.25 ng/ml



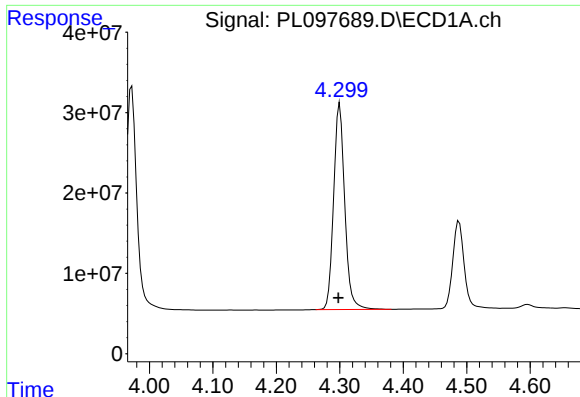
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.002 min
Response: 331187715
Conc: 48.75 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.001 min
Response: 483288881
Conc: 49.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 312813344
Conc: 48.96 ng/ml

Instrument :

ECD_L

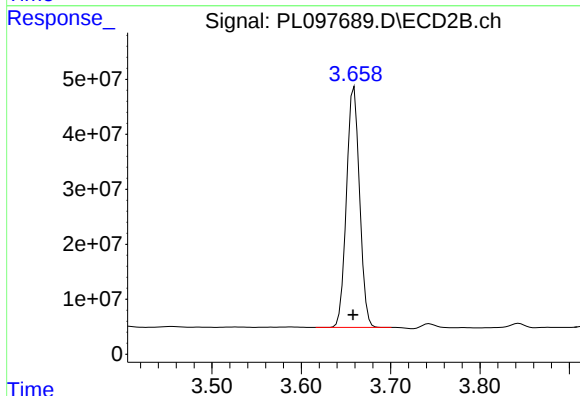
ClientSampleId :

TP5MS

Manual Integrations

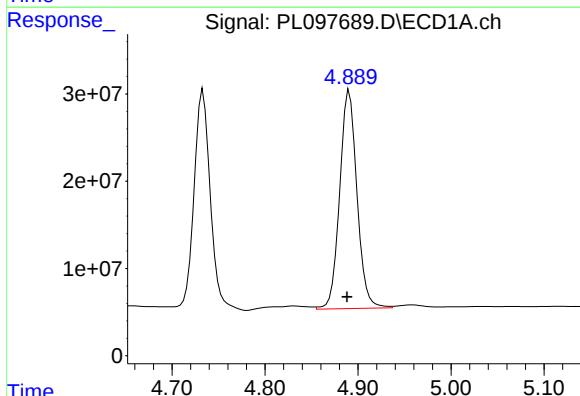
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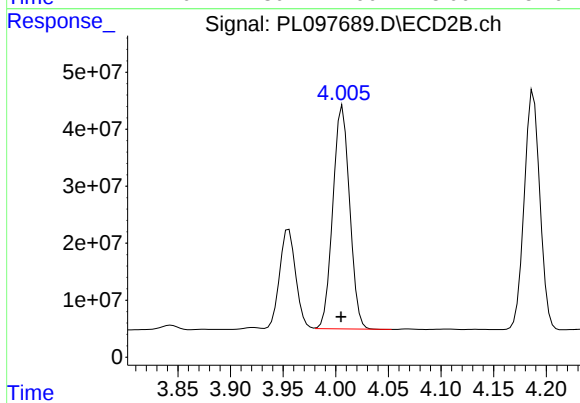
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 444875948
Conc: 49.11 ng/ml



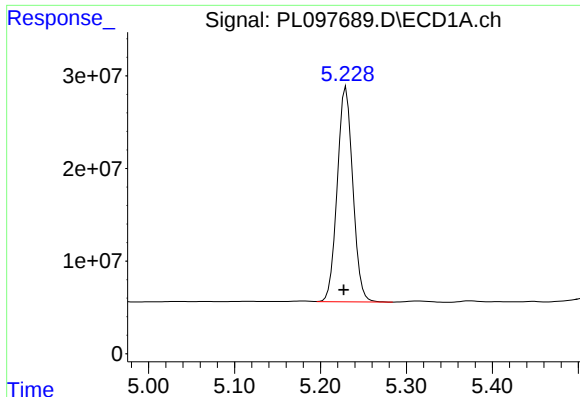
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: 0.003 min
Response: 322863178
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.002 min
Response: 433679394
Conc: 47.84 ng/ml



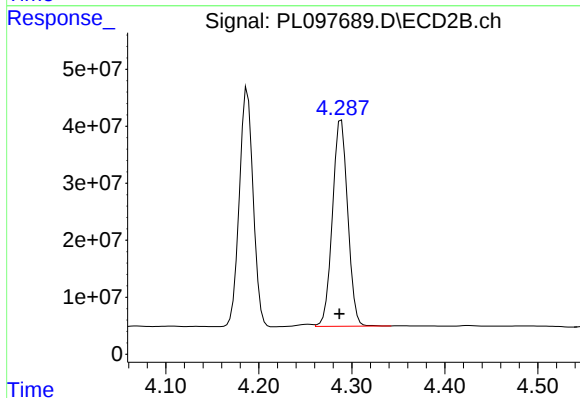
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 290877607
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

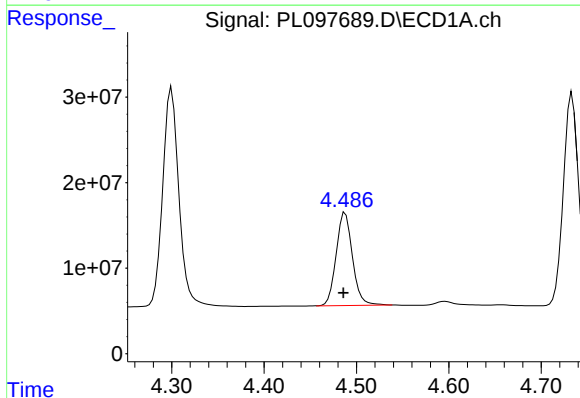
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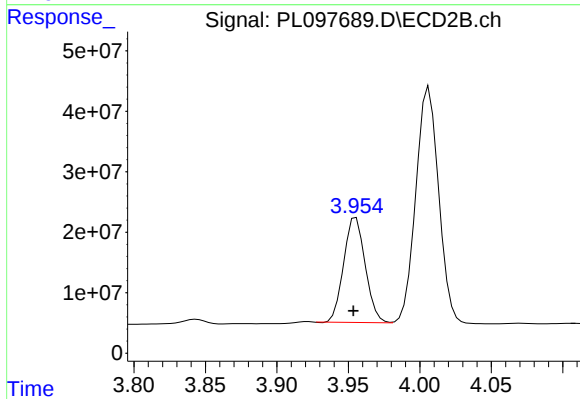
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 413697453
Conc: 48.12 ng/ml



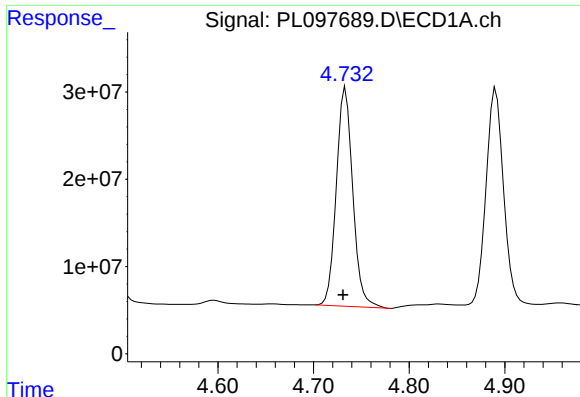
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 133468421
Conc: 51.21 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.002 min
Response: 182207630
Conc: 46.11 ng/ml



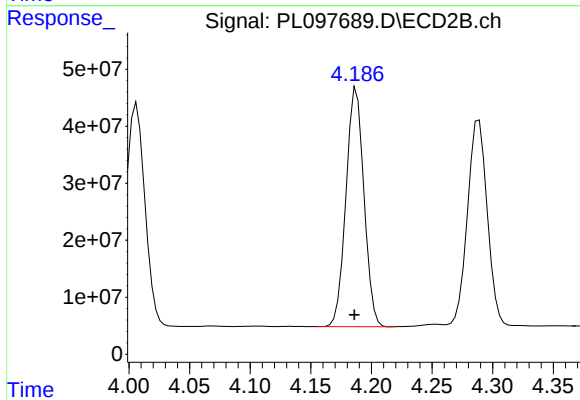
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 300091554
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

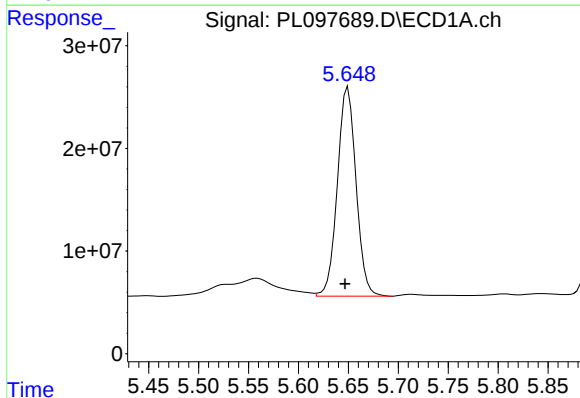
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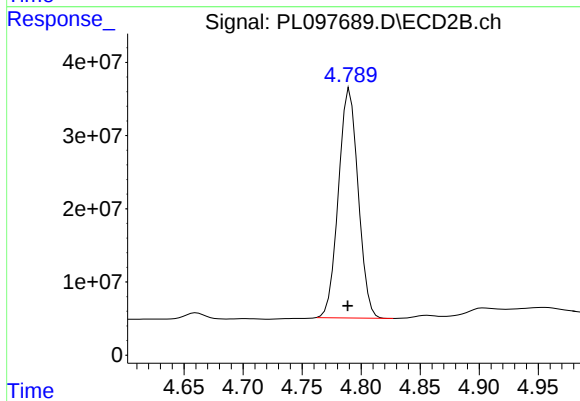
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.002 min
Response: 432719739
Conc: 48.21 ng/ml



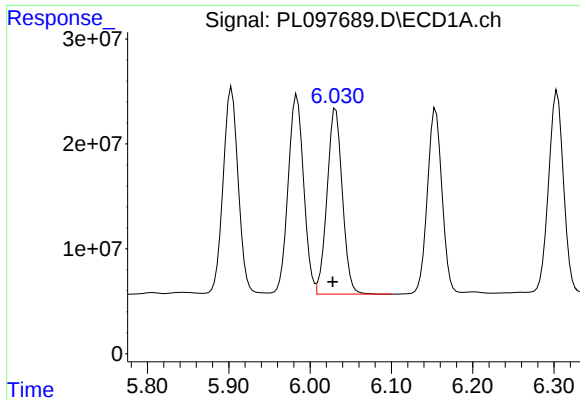
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: 0.003 min
Response: 265289266
Conc: 45.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 364623369
Conc: 46.44 ng/ml



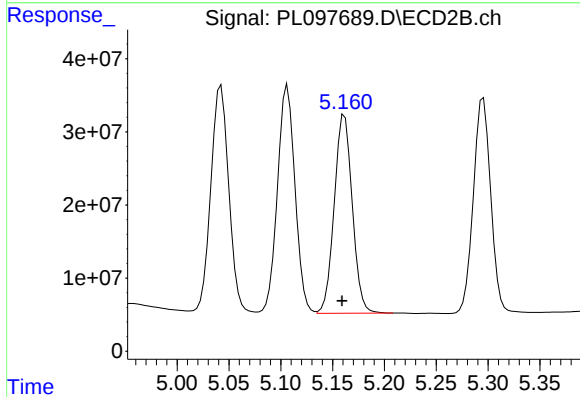
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 233053329
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

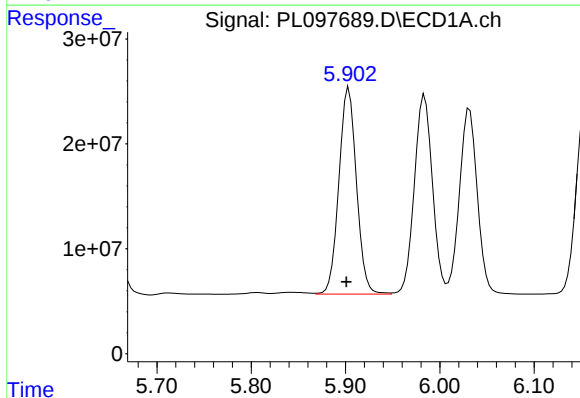
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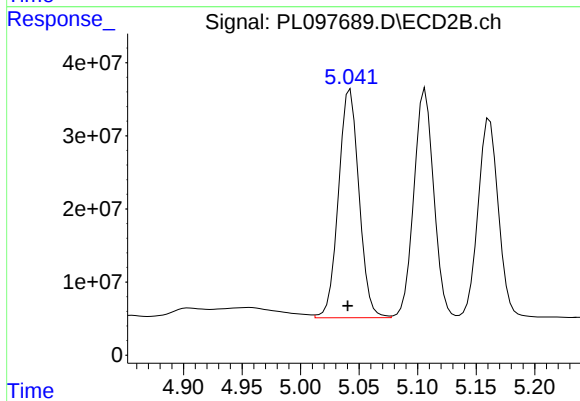
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.002 min
Response: 328898645
Conc: 43.69 ng/ml



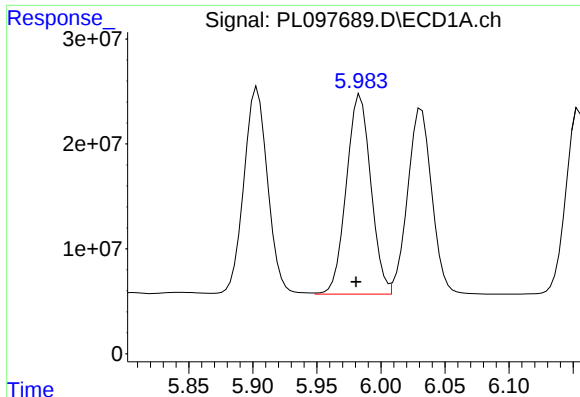
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.003 min
Response: 255242850
Conc: 46.56 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.002 min
Response: 381476962
Conc: 44.08 ng/ml



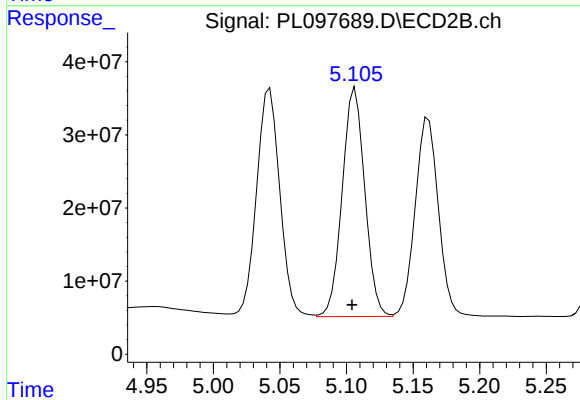
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 253306574
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

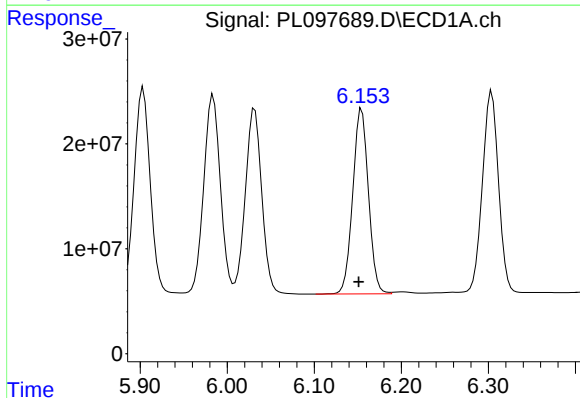
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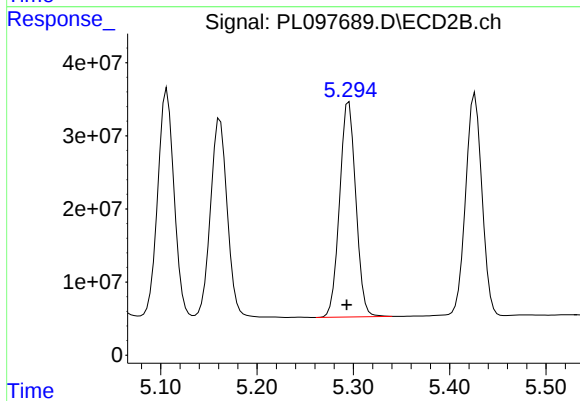
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.002 min
Response: 369338266
Conc: 44.48 ng/ml



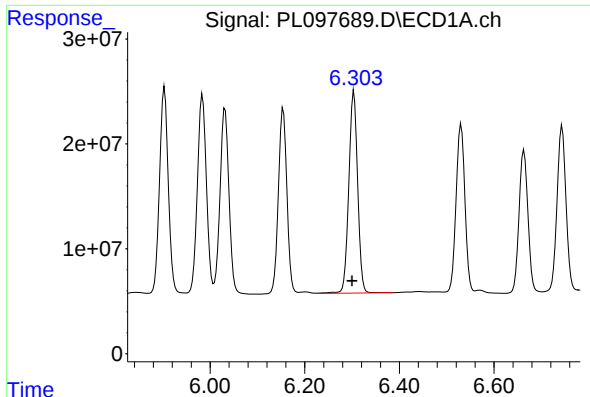
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.003 min
Response: 221540955
Conc: 48.27 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.003 min
Response: 343393295
Conc: 44.80 ng/ml



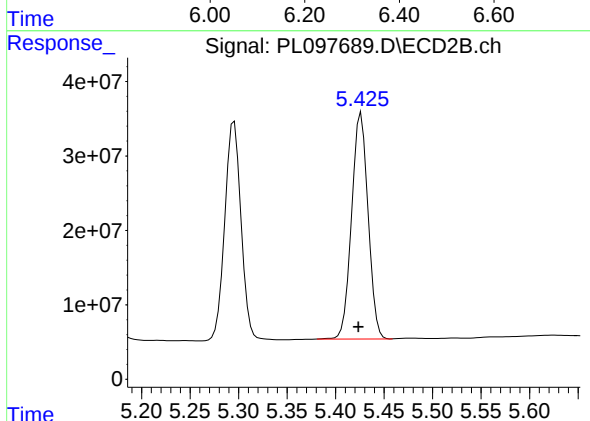
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: 0.004 min
Response: 250737180
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

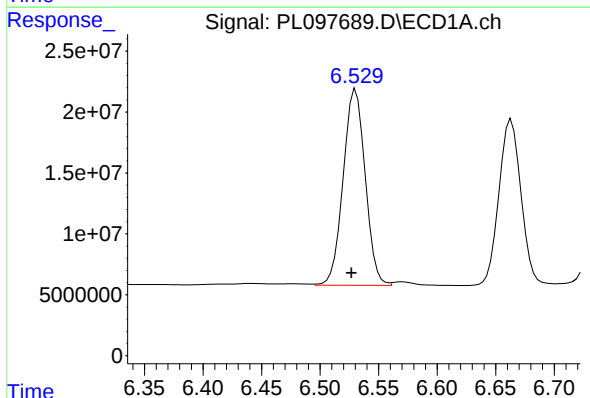
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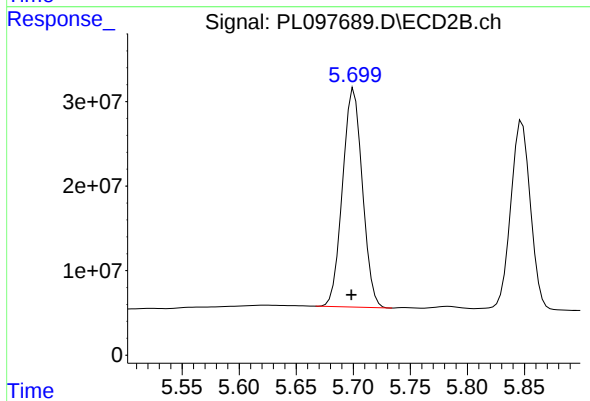
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.003 min
Response: 359151179
Conc: 44.67 ng/ml



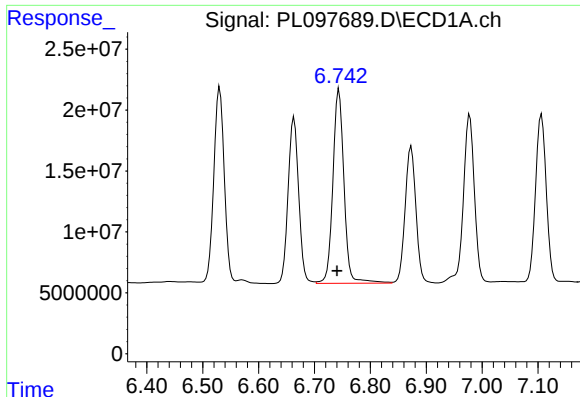
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.004 min
Response: 210710586
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.002 min
Response: 313530134
Conc: 44.81 ng/ml



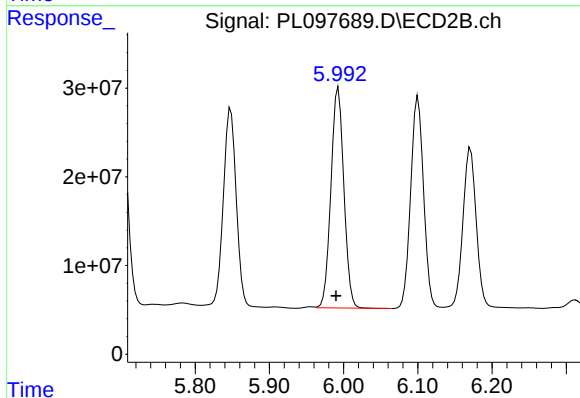
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 220504829
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

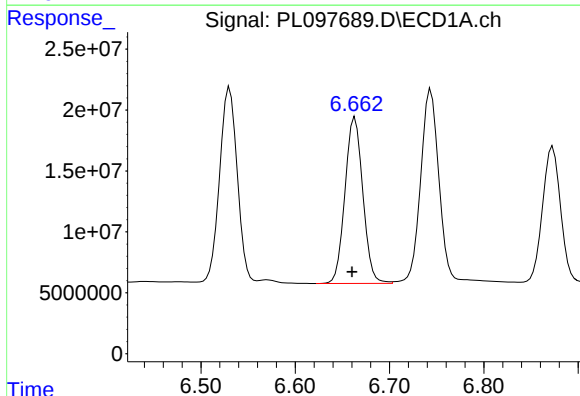
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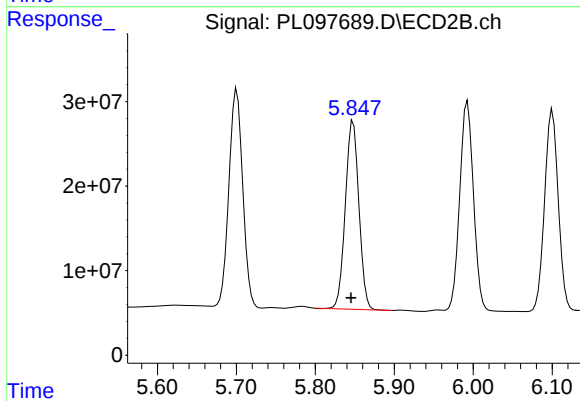
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: 0.003 min
Response: 301045249
Conc: 42.87 ng/ml



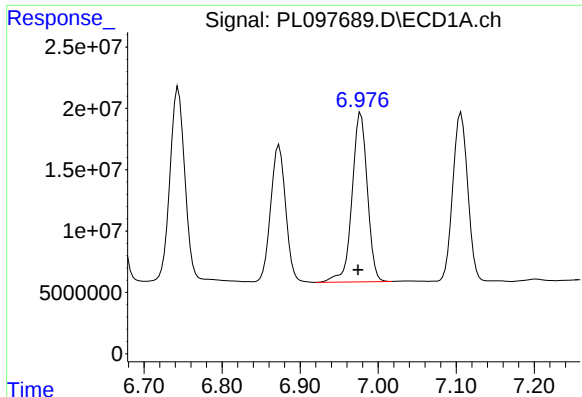
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: 0.003 min
Response: 179880596
Conc: 50.32 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 267040474
Conc: 41.65 ng/ml



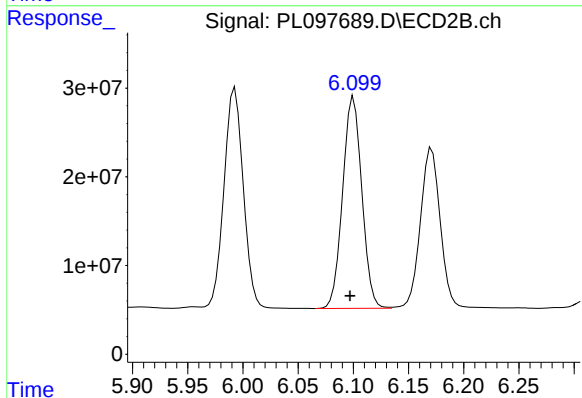
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.004 min
Response: 187455552
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

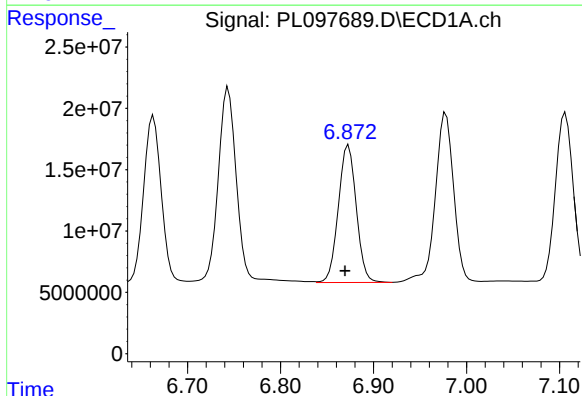
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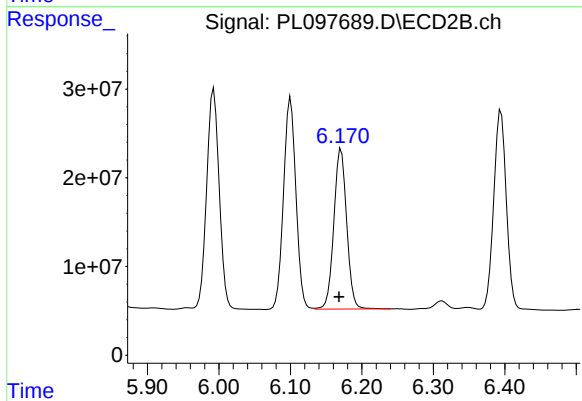
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.003 min
Response: 288683925
Conc: 41.97 ng/ml



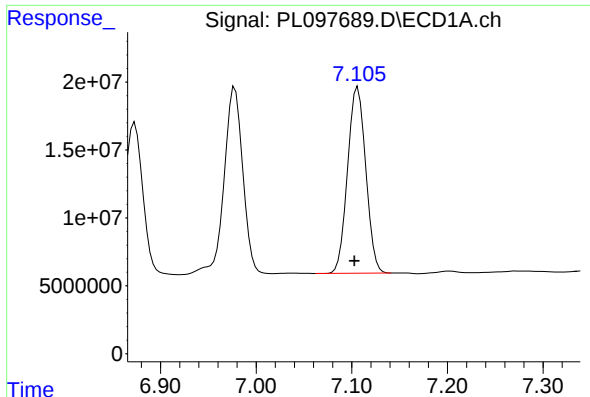
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.004 min
Response: 150091599
Conc: 45.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 225678811
Conc: 39.21 ng/ml



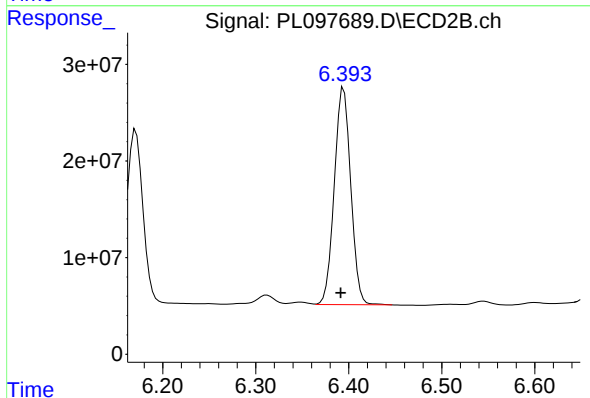
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: 0.004 min
Response: 181927334
Conc: 46.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

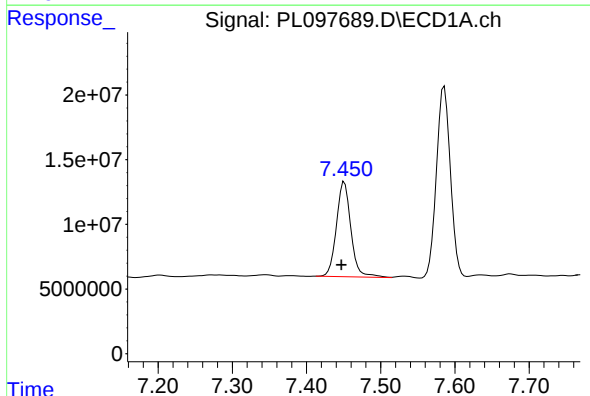
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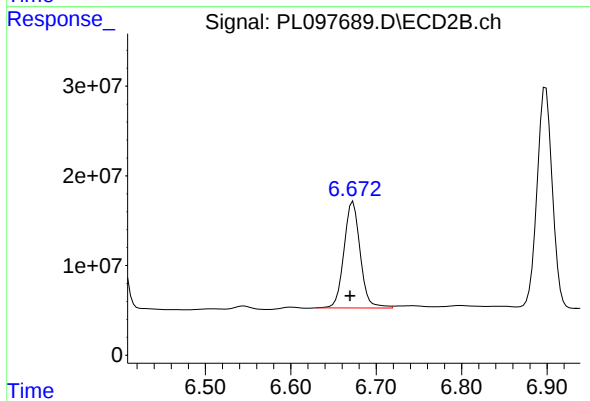
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 276348449
Conc: 40.96 ng/ml



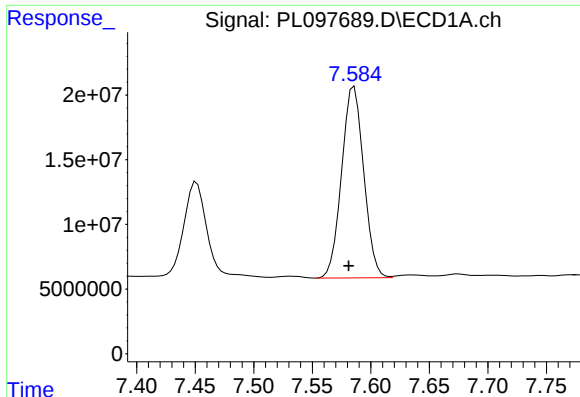
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.004 min
Response: 99932857
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.004 min
Response: 156393922
Conc: 42.10 ng/ml



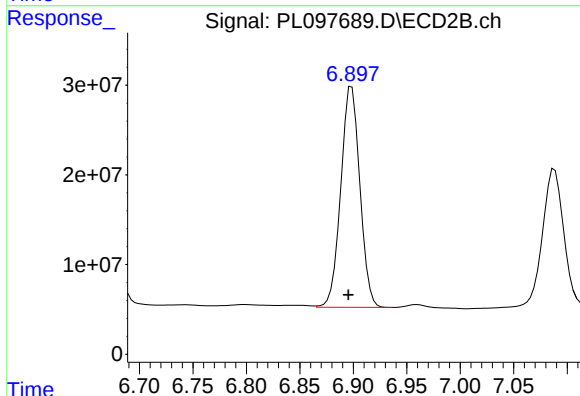
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: 0.005 min
Response: 194243417
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

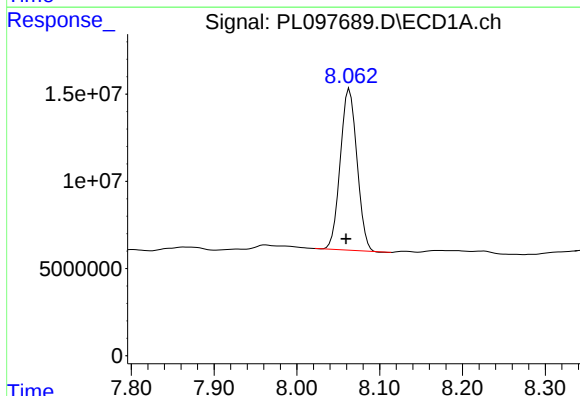
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



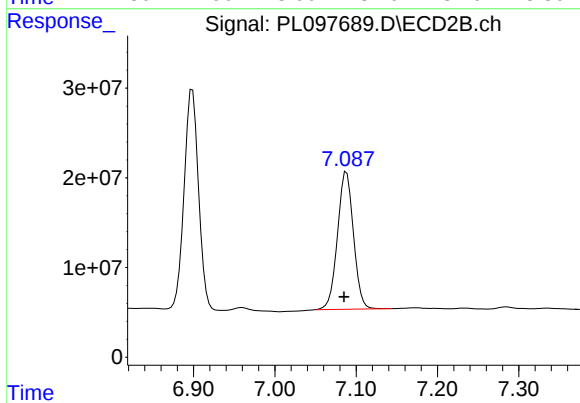
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.003 min
Response: 306342070
Conc: 41.15 ng/ml



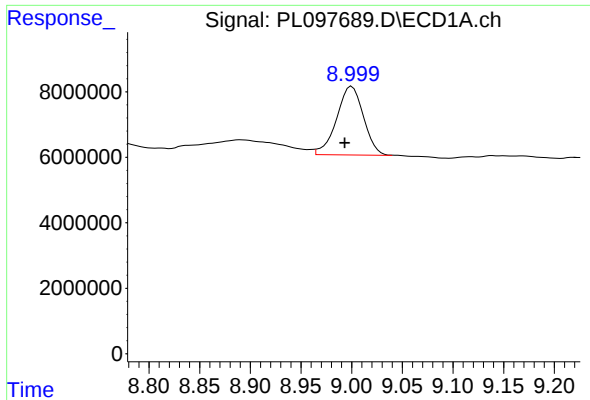
#22 Mirex

R.T.: 8.064 min
Delta R.T.: 0.004 min
Response: 129838555
Conc: 42.10 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.003 min
Response: 209301841
Conc: 37.98 ng/ml



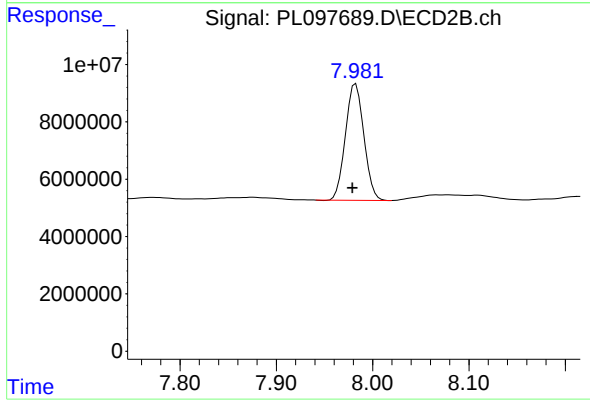
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.006 min
Response: 38563933
Conc: 12.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 53886643
Conc: 10.08 ng/ml