

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 14:00
 Operator : AR\AJ
 Sample : Q3495-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-1025-2MSD

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 01:54:33 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	2.822	69584258	103.4E6	17.006m	17.171
28) SA Decachlor...	9.001	7.984	44314272	71690883	14.895	13.413
Target Compounds						
2) A alpha-BHC	3.971	3.327	347.7E6	489.8E6	51.178	50.342
3) MA gamma-BHC...	4.299	3.659	326.2E6	457.8E6	51.053	50.537
4) MA Heptachlor	4.891	4.006	339.1E6	444.5E6	53.028	49.028
5) MB Aldrin	5.230	4.289	306.0E6	433.5E6	50.115	50.418
6) B beta-BHC	4.488	3.955	135.4E6	188.5E6	51.948	47.716
7) B delta-BHC	4.733	4.188	316.3E6	450.5E6	53.209	50.199
8) B Heptachlo...	5.650	4.791	284.0E6	388.4E6	48.693	49.468
9) A Endosulfan I	6.031	5.162	250.8E6	367.9E6	49.732	48.873
10) B gamma-Chl...	5.904	5.043	275.9E6	419.6E6	50.323	48.487
11) B alpha-Chl...	5.984	5.107	273.0E6	406.6E6	49.737	48.969
12) B 4,4'-DDE	6.155	5.295	241.0E6	381.0E6	52.519	49.708
13) MA Dieldrin	6.304	5.426	265.8E6	399.5E6	49.580	49.693
14) MA Endrin	6.531	5.701	218.7E6	355.2E6	48.813	50.766
15) B Endosulfa...	6.745	5.993	229.7E6	340.0E6	50.444	48.417
16) A 4,4'-DDD	6.665	5.848	191.7E6	302.5E6	53.629	47.180
17) MA 4,4'-DDT	6.978	6.101	203.3E6	325.7E6	50.413	47.353
18) B Endrin al...	6.873	6.172	164.7E6	255.1E6	50.056	44.326
19) B Endosulfa...	7.107	6.395	196.5E6	316.7E6	50.264	46.951
20) A Methoxychlor	7.452	6.673	98567291	167.8E6	48.298	45.171
21) B Endrin ke...	7.587	6.898	209.1E6	344.3E6	50.226	46.254m
22) Mirex	8.065	7.088	141.1E6	236.5E6	45.743	42.920

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:00
Operator : AR\AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

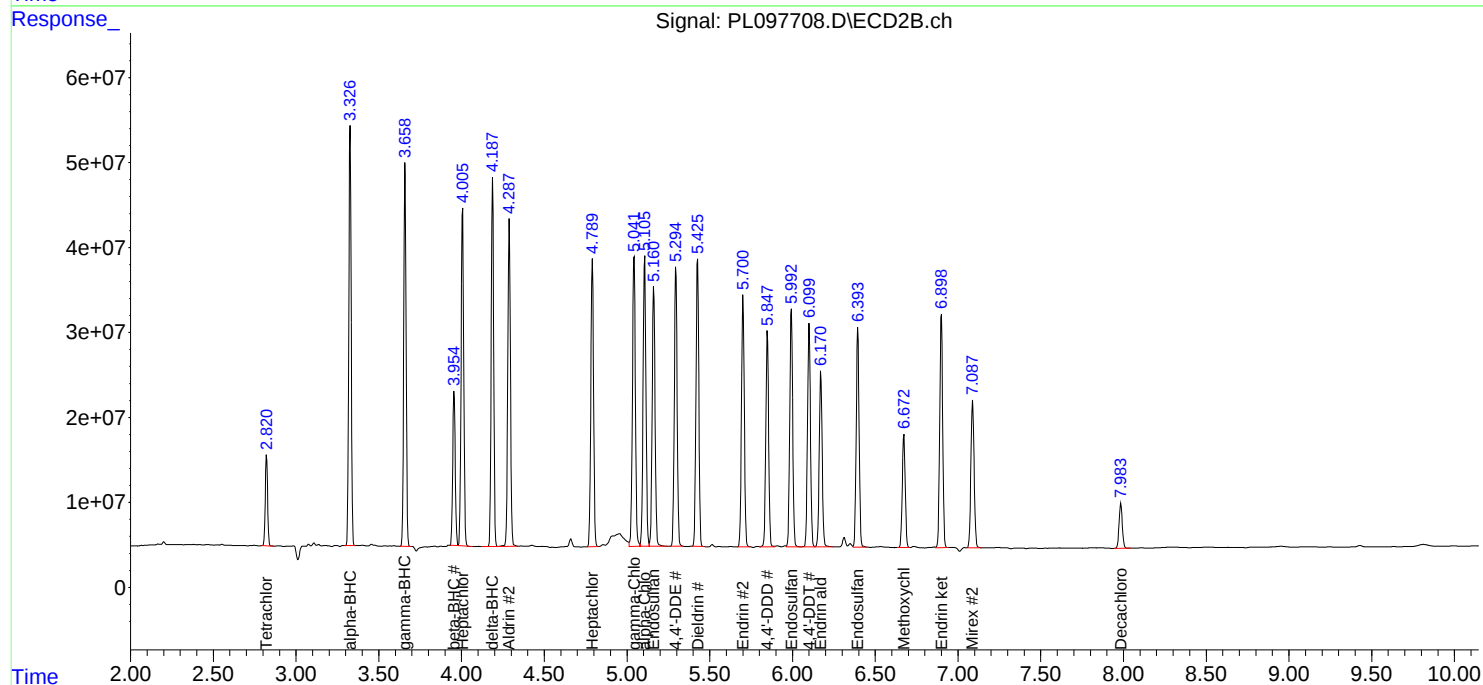
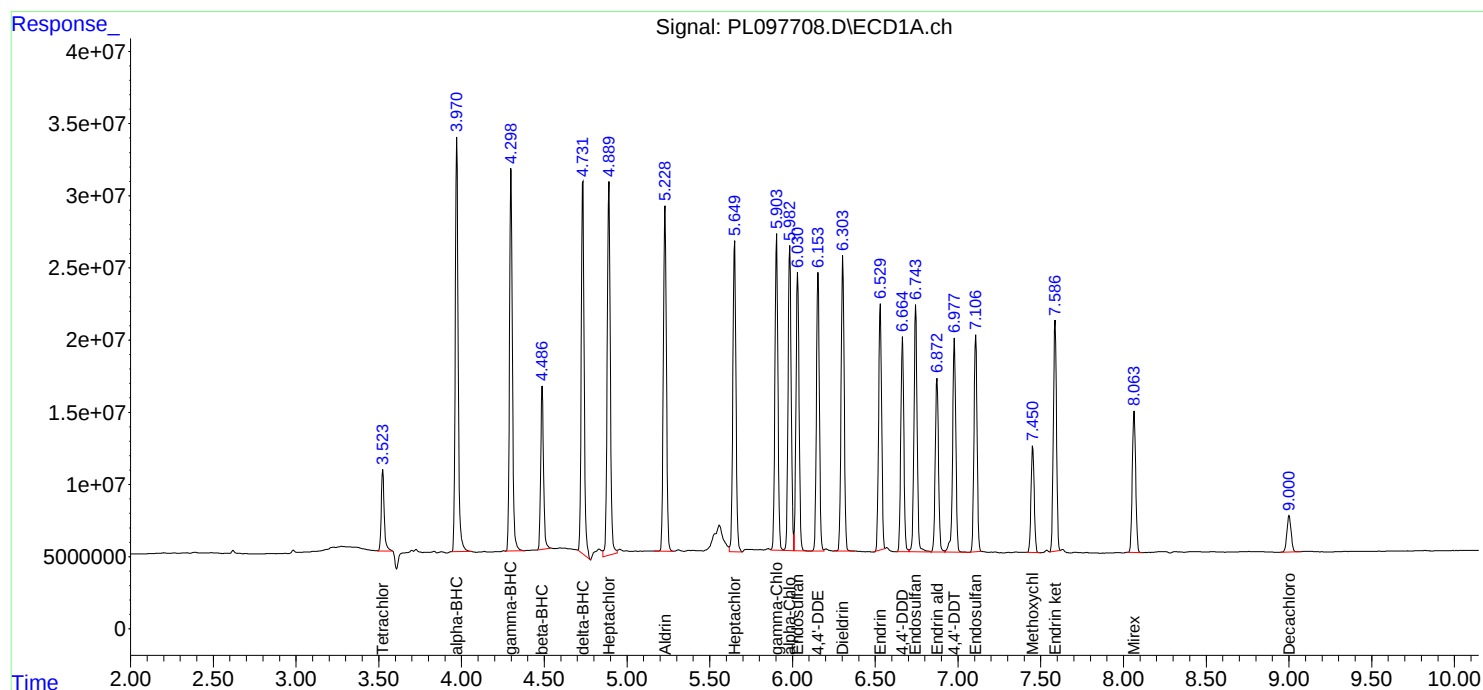
Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

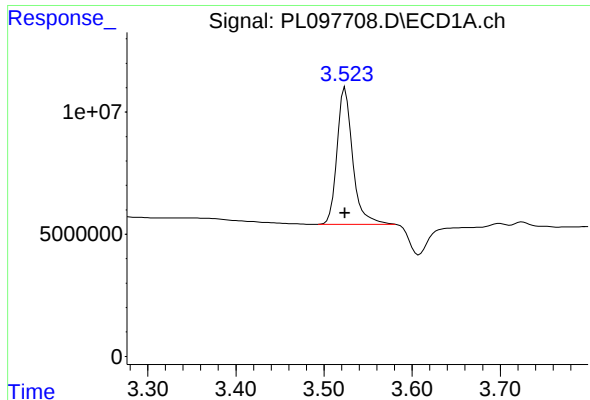
Manual Integrations
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Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 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





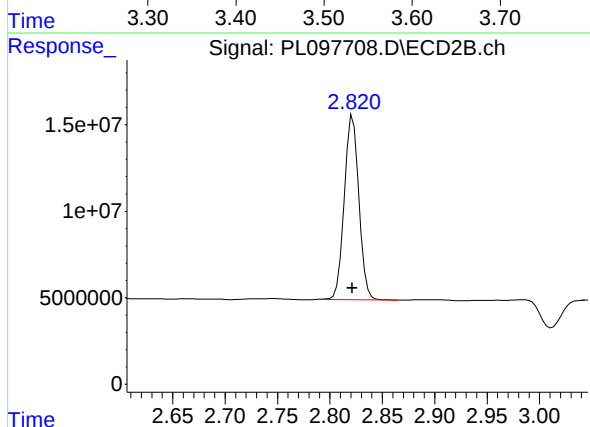
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: -0.001 min
Response: 69584258
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

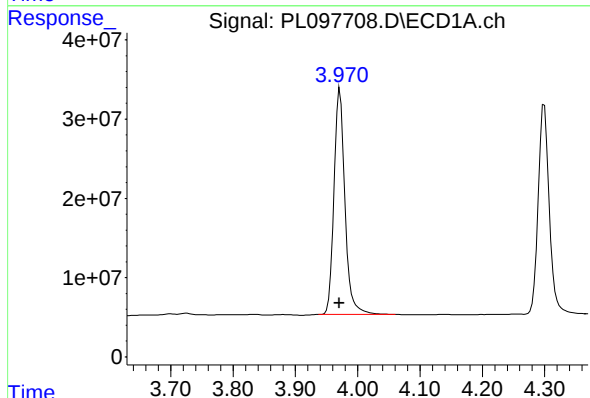
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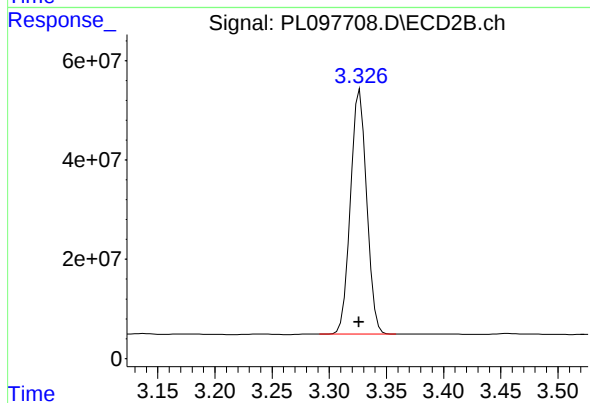
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 103354373
Conc: 17.17 ng/ml



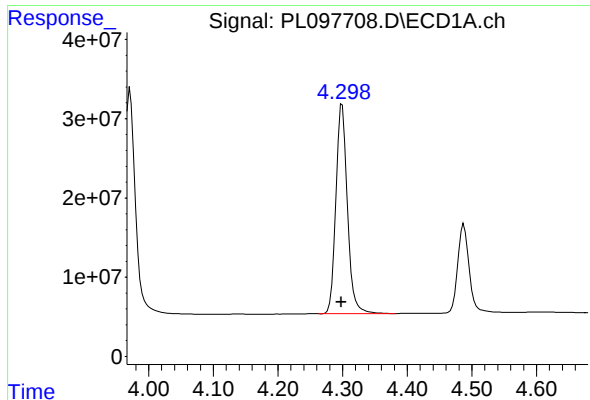
#2 alpha-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 347713320
Conc: 51.18 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.000 min
Response: 489769471
Conc: 50.34 ng/ml



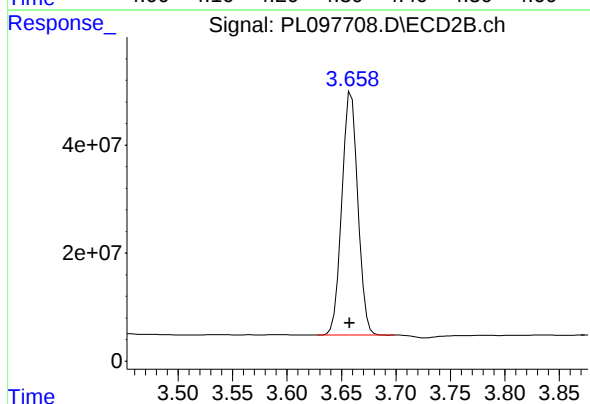
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: 0.001 min
Response: 326165333
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

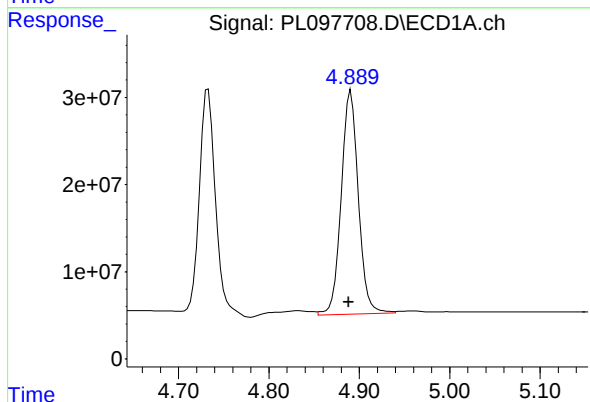
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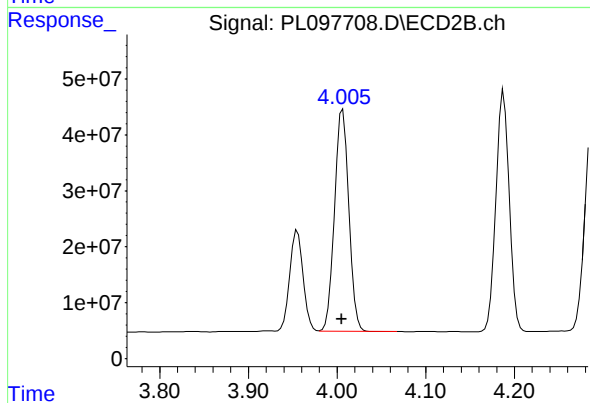
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 457812133
Conc: 50.54 ng/ml



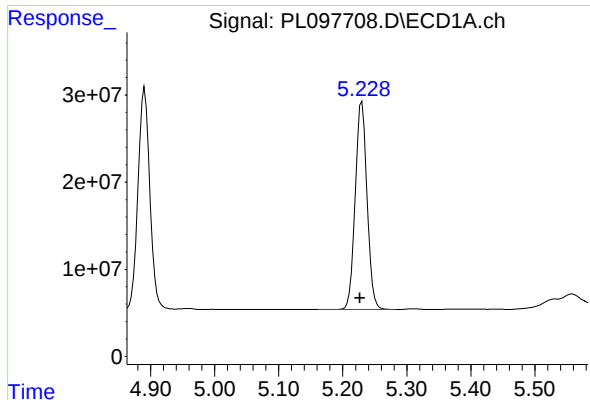
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: 0.003 min
Response: 339116111
Conc: 53.03 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 444460160
Conc: 49.03 ng/ml



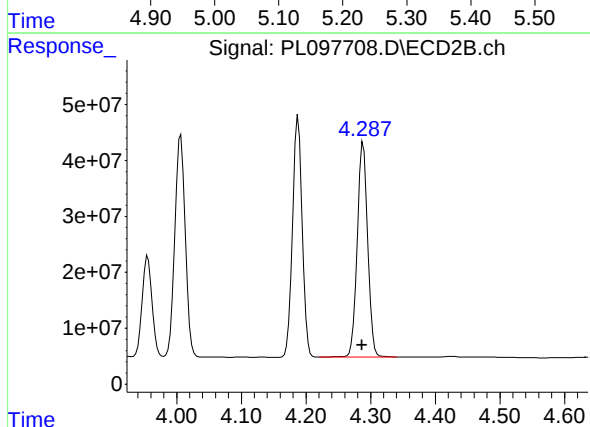
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: 0.003 min
Response: 305951212
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

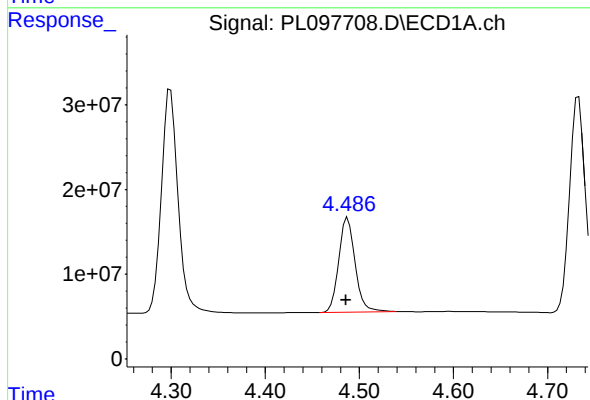
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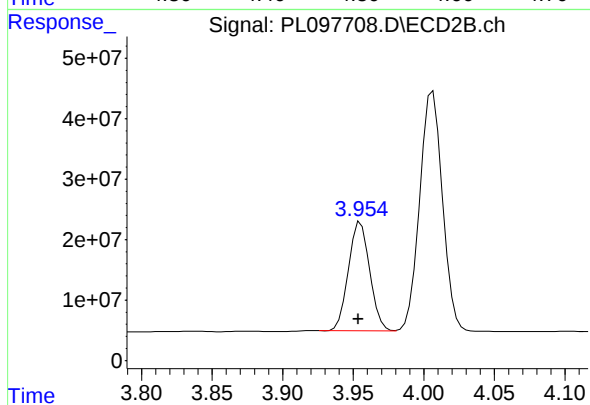
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.002 min
Response: 433450462
Conc: 50.42 ng/ml



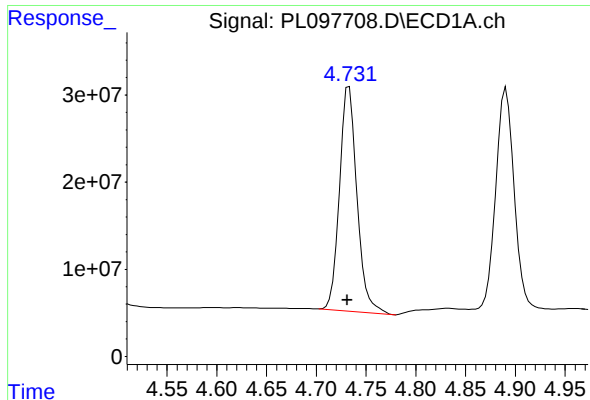
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 135388566
Conc: 51.95 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.002 min
Response: 188541245
Conc: 47.72 ng/ml



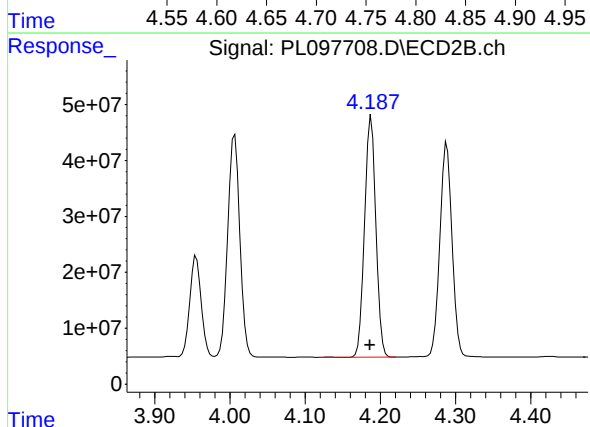
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: 0.002 min
Response: 316329979
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

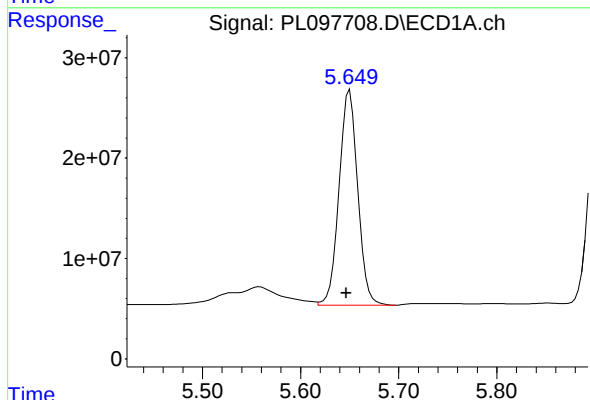
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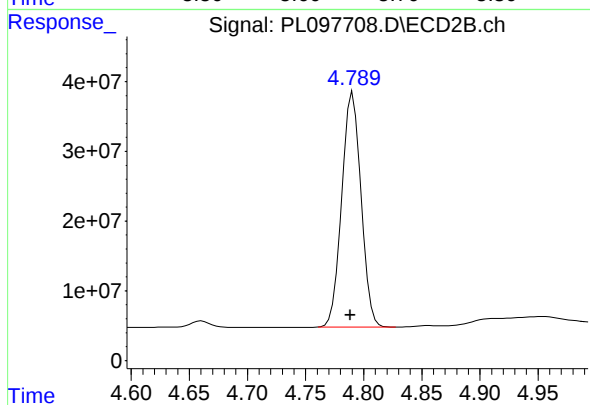
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.002 min
Response: 450531490
Conc: 50.20 ng/ml



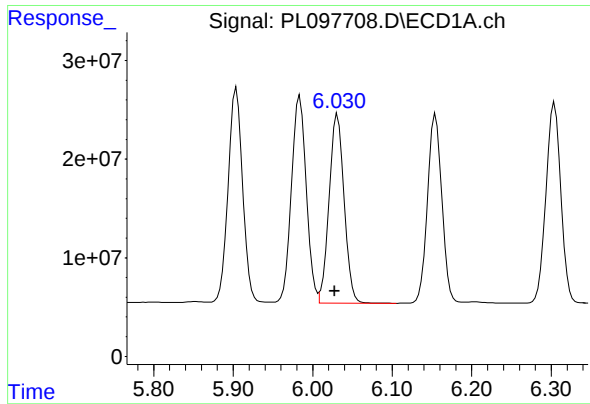
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: 0.003 min
Response: 283950933
Conc: 48.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: 0.002 min
Response: 388412686
Conc: 49.47 ng/ml



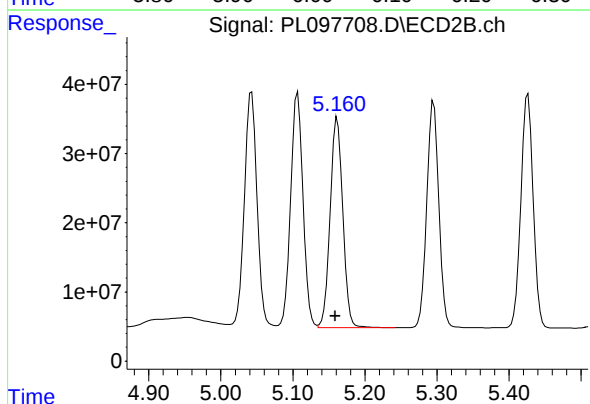
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 250797334
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

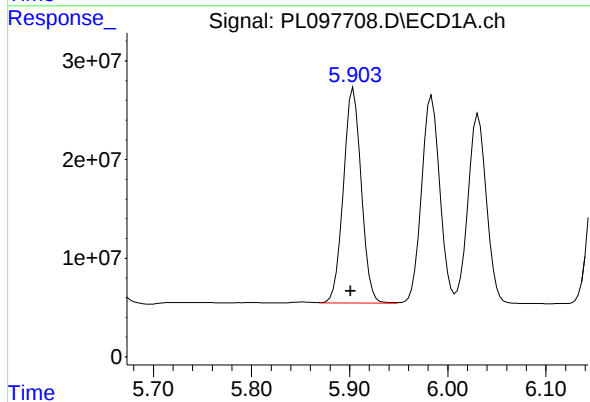
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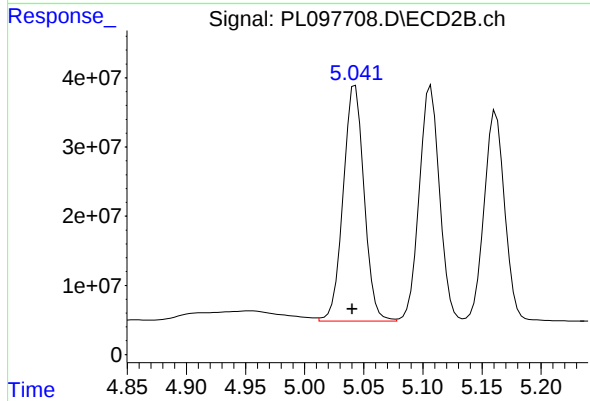
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: 0.003 min
Response: 367935583
Conc: 48.87 ng/ml



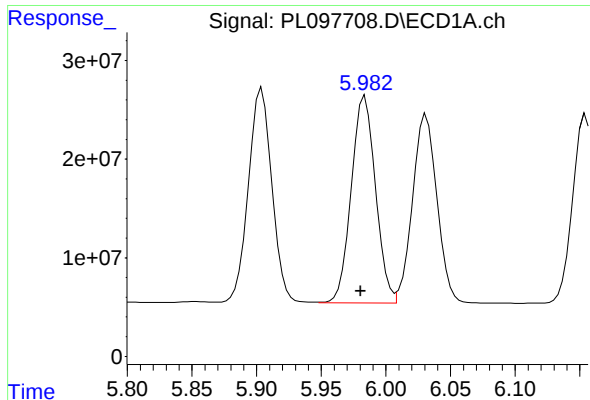
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.003 min
Response: 275878999
Conc: 50.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.002 min
Response: 419626592
Conc: 48.49 ng/ml



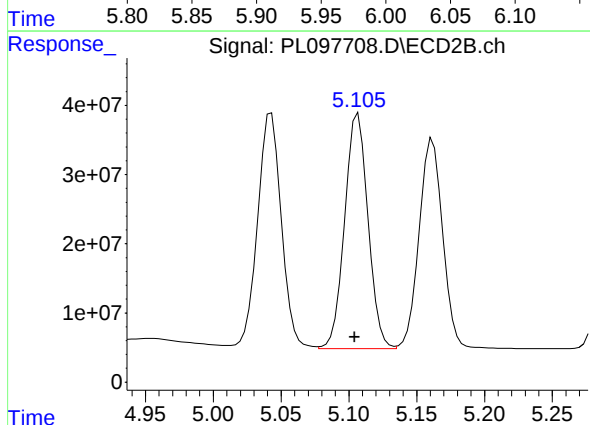
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.003 min
Response: 273038869
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

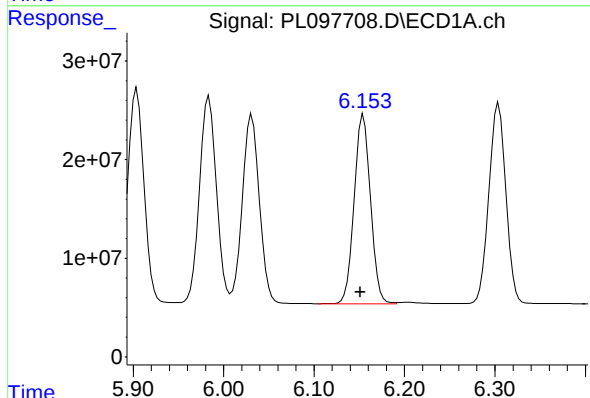
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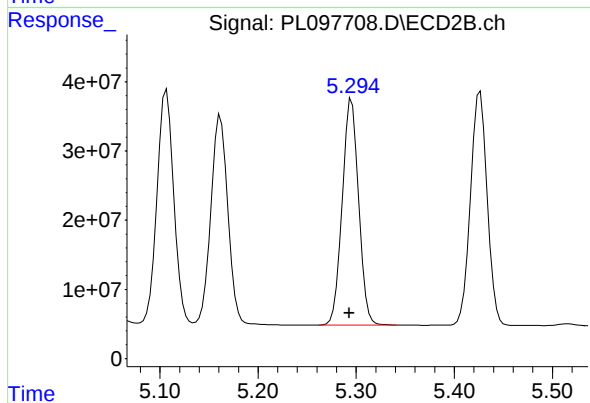
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: 0.003 min
Response: 406608506
Conc: 48.97 ng/ml



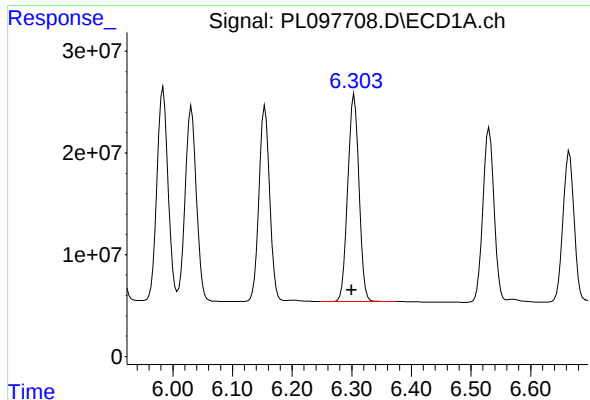
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: 0.003 min
Response: 241032950
Conc: 52.52 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 381025236
Conc: 49.71 ng/ml



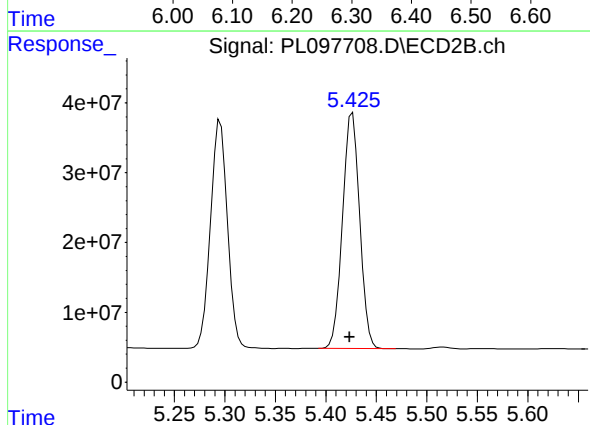
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: 0.004 min
Response: 265826714
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

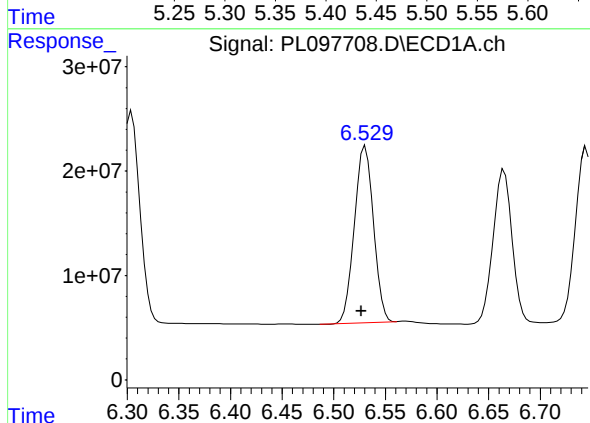
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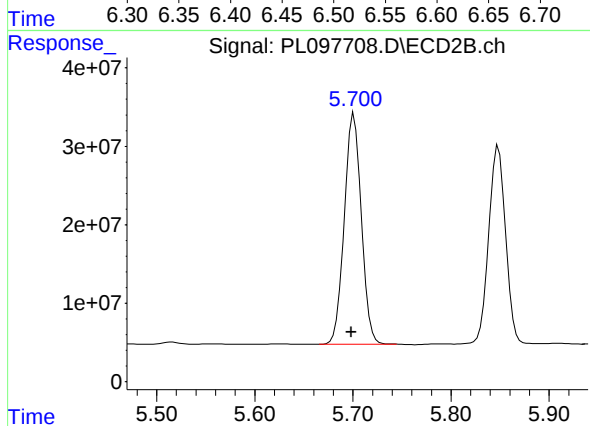
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.003 min
Response: 399506199
Conc: 49.69 ng/ml



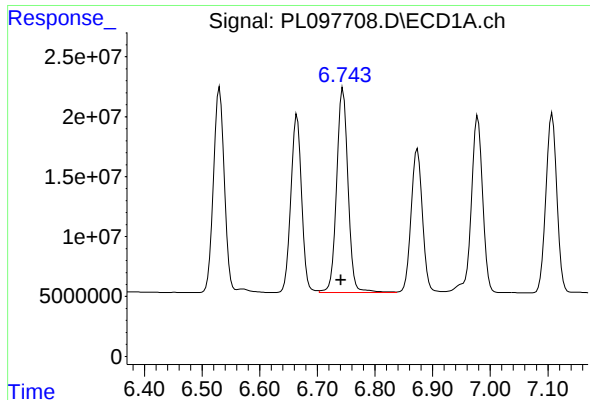
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.004 min
Response: 218668872
Conc: 48.81 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: 0.003 min
Response: 355189008
Conc: 50.77 ng/ml



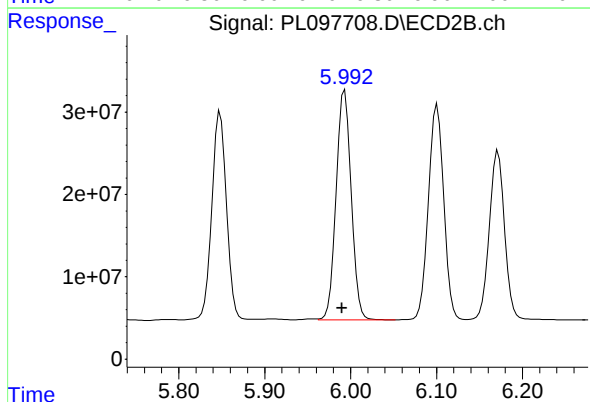
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.004 min
Response: 229661605
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

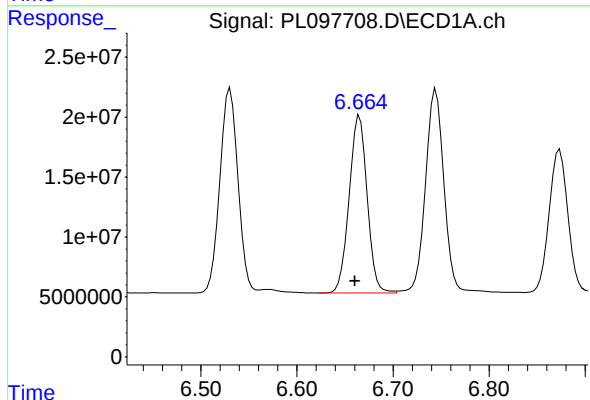
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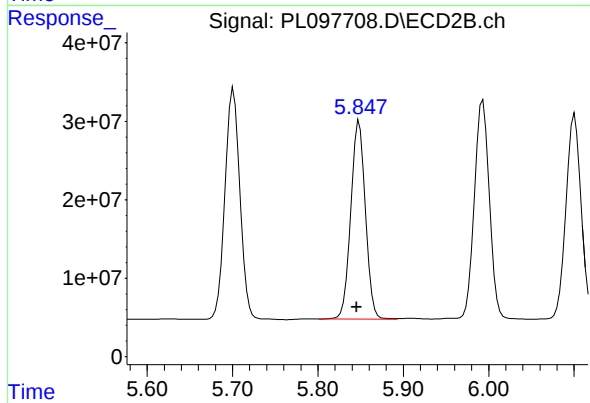
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: 0.003 min
Response: 339997280
Conc: 48.42 ng/ml



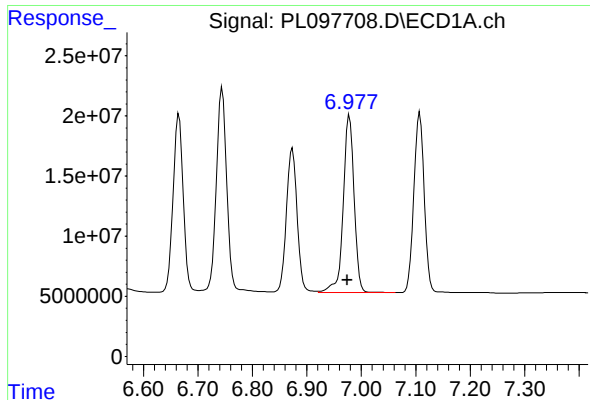
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 191703948
Conc: 53.63 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: 0.003 min
Response: 302460884
Conc: 47.18 ng/ml



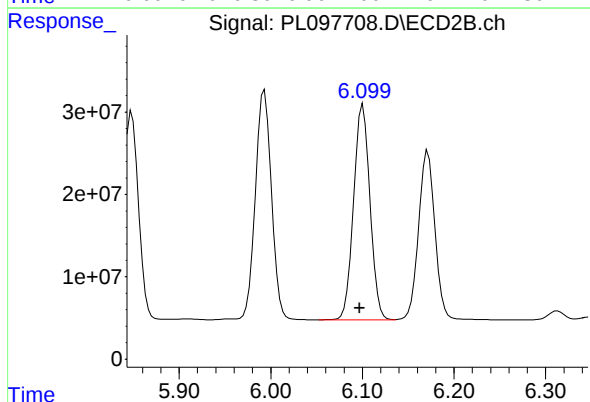
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.004 min
Response: 203262461
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

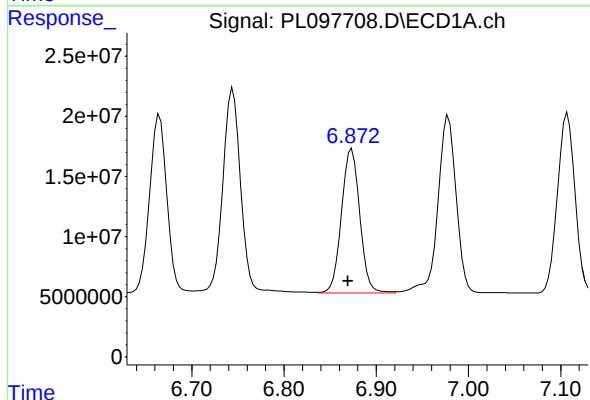
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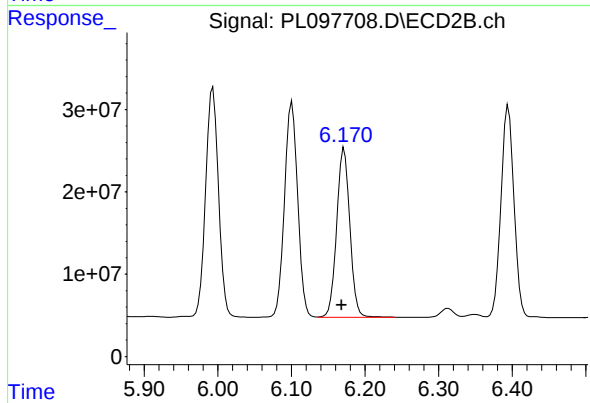
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 325711544
Conc: 47.35 ng/ml



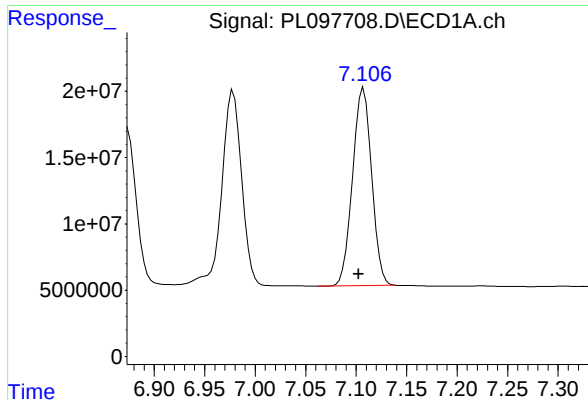
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.004 min
Response: 164682782
Conc: 50.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.003 min
Response: 255118494
Conc: 44.33 ng/ml



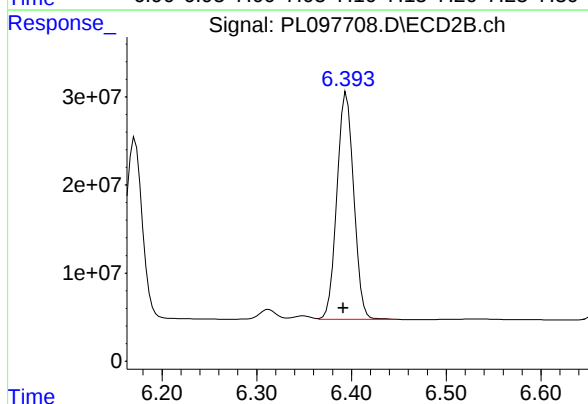
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.005 min
Response: 196506192
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

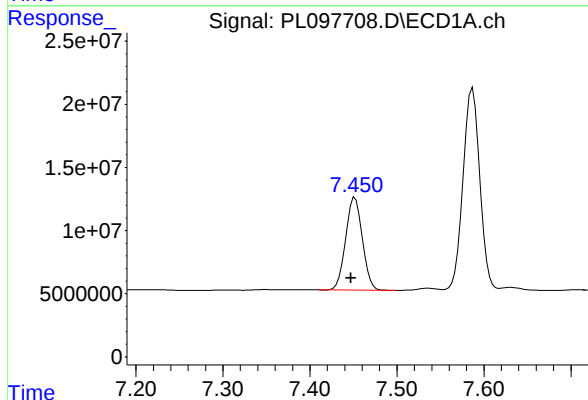
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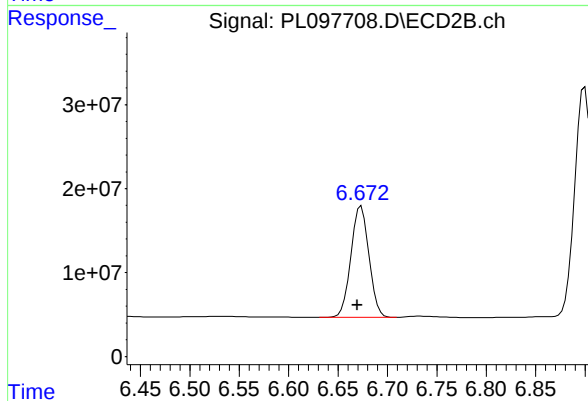
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 316748835
Conc: 46.95 ng/ml



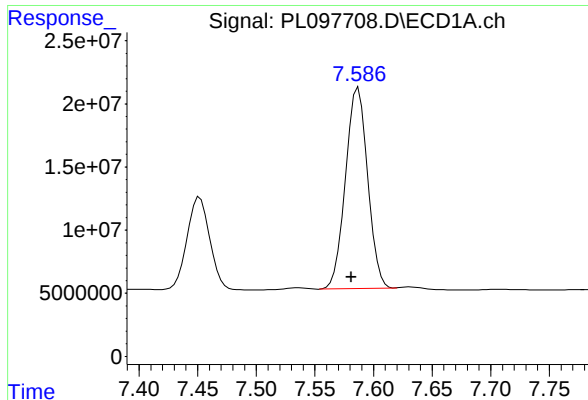
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: 0.005 min
Response: 98567291
Conc: 48.30 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.004 min
Response: 167823397
Conc: 45.17 ng/ml



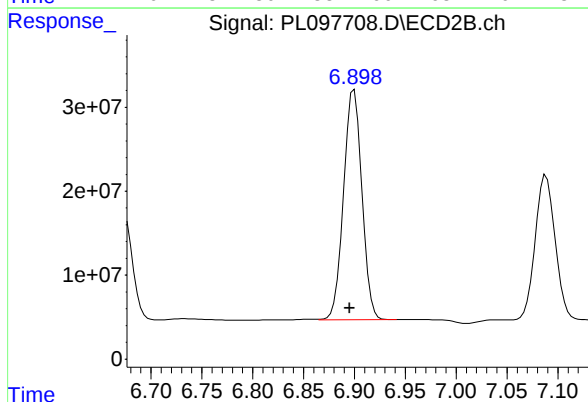
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.006 min
Response: 209074498
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

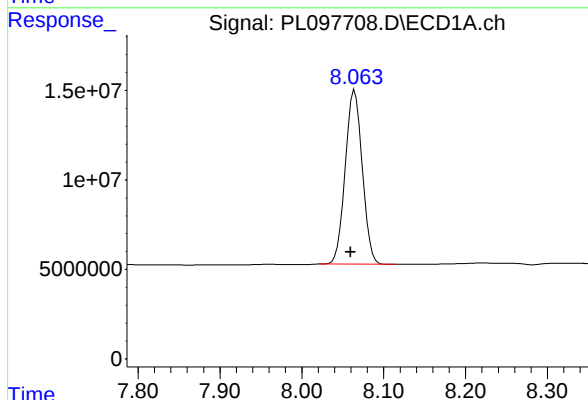
Manual Integrations
APPROVED

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



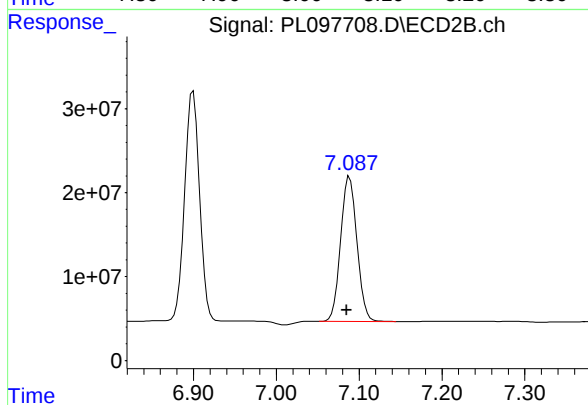
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.003 min
Response: 344306693
Conc: 46.25 ng/ml m



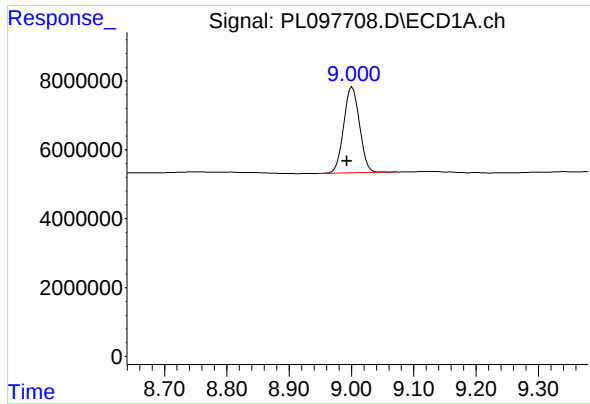
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.005 min
Response: 141072418
Conc: 45.74 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.003 min
Response: 236514168
Conc: 42.92 ng/ml



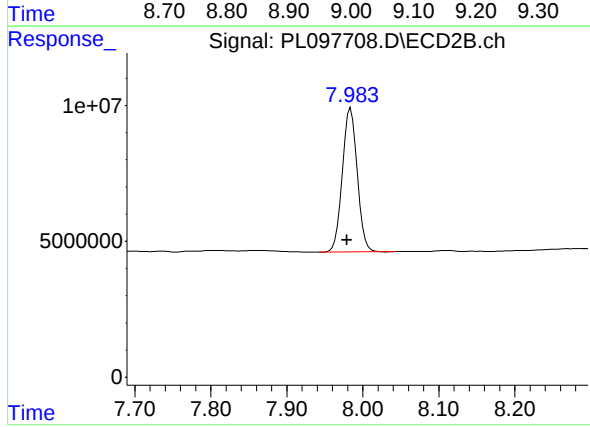
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.008 min
Response: 44314272
Conc: 14.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 71690883
Conc: 13.41 ng/ml