

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120525\
 Data File : PL097784.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2025 10:36
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:16:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 26 07:07:11 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...	3.503	2.801	243.9E6	349.4E6	47.595	48.850
28)	SA Decachlor...	8.965	7.951	151.9E6	254.2E6	47.322	54.017
Target Compounds							
2)	A alpha-BHC	3.950	3.304	425.7E6	579.4E6	50.173	50.580
3)	MA gamma-BHC...	4.278	3.635	401.2E6	535.0E6	51.473	52.124
4)	MA Heptachlor	4.868	3.981	374.4E6	480.2E6	50.194	50.749
5)	MB Aldrin	5.206	4.261	346.7E6	482.7E6	50.518	50.882
6)	B beta-BHC	4.468	3.931	160.6E6	224.1E6	49.178	50.651
7)	B delta-BHC	4.712	4.162	373.9E6	527.7E6	53.571	51.505
8)	B Heptachlo...	5.626	4.763	316.5E6	423.7E6	50.336	50.494
9)	A Endosulfan I	6.007	5.133	271.5E6	402.7E6	50.316	46.559
10)	B gamma-Chl...	5.880	5.015	312.4E6	457.4E6	52.270	51.107
11)	B alpha-Chl...	5.959	5.079	312.0E6	447.0E6	52.159	47.736
12)	B 4,4'-DDE	6.131	5.266	264.3E6	420.1E6	49.337	51.610m
13)	MA Dieldrin	6.279	5.397	282.7E6	445.8E6	50.544	51.595
14)	MA Endrin	6.506	5.671	233.2E6	372.3E6	50.649	48.441
15)	B Endosulfa...	6.718	5.963	245.9E6	380.5E6	48.474m	52.272
16)	A 4,4'-DDD	6.640	5.819	211.5E6	356.3E6	49.672	52.672
17)	MA 4,4'-DDT	6.954	6.071	197.7E6	287.8E6	54.183	58.398
18)	B Endrin al...	6.848	6.142	176.2E6	279.8E6	48.509	50.161
19)	B Endosulfa...	7.082	6.365	215.9E6	363.4E6	49.077	52.955
20)	A Methoxychlor	7.426	6.643	96477222	147.6E6	51.119	54.962
21)	B Endrin ke...	7.560	6.868	229.3E6	398.6E6	52.547	54.707
22)	Mirex	8.036	7.056	150.9E6	271.1E6	49.634	52.385

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

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Data File : PL097784.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2025 10:36
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

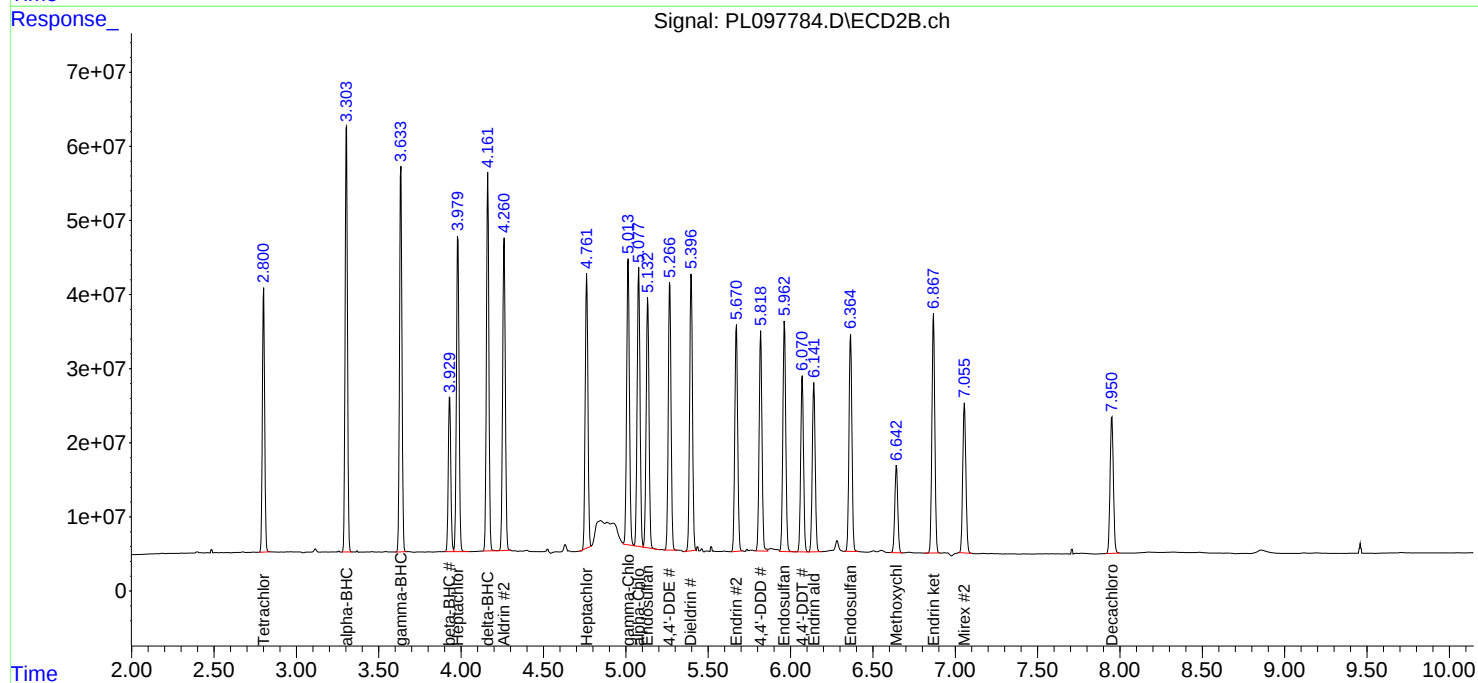
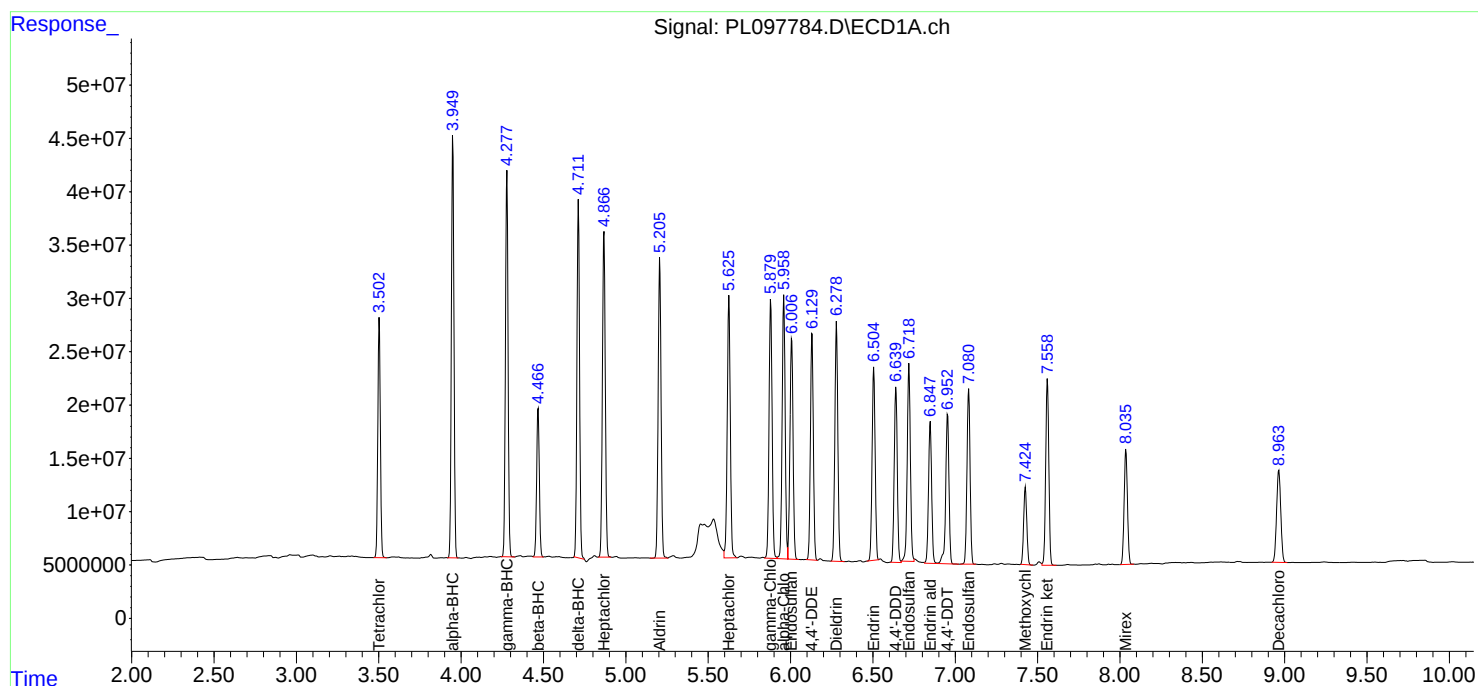
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

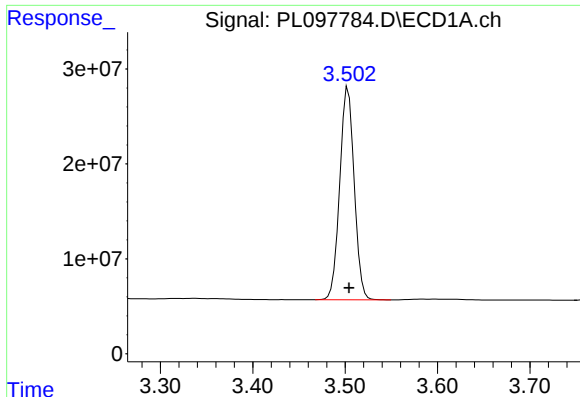
Manual Integrations
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Reviewed By : Abdul Mirza 12/08/2025
Supervised By : Yogesh Patel 12/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 01:16:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
QLast Update : Wed Nov 26 07:07:11 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





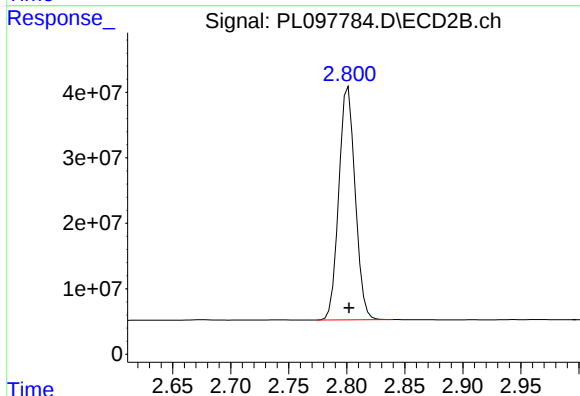
#1 Tetrachloro-m-xylene

R.T.: 3.503 min
Delta R.T.: 0.000 min
Response: 243867790
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

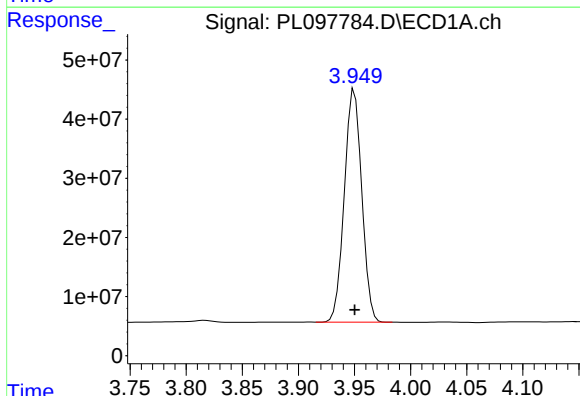
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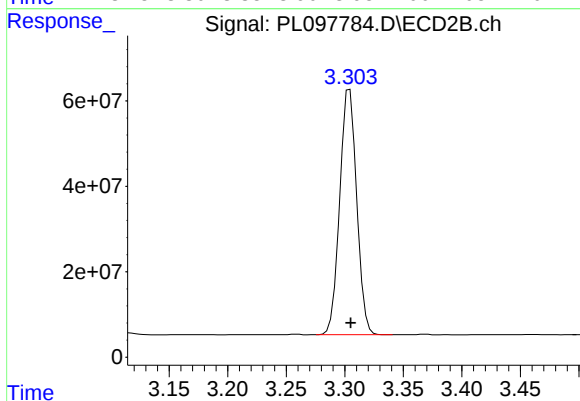
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 349423277
Conc: 48.85 ng/ml



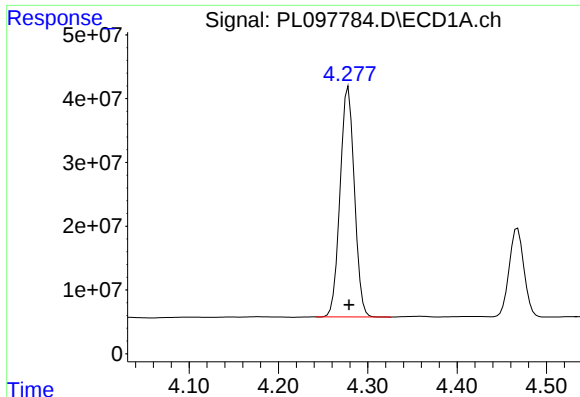
#2 alpha-BHC

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 425651481
Conc: 50.17 ng/ml



#2 alpha-BHC

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 579374027
Conc: 50.58 ng/ml



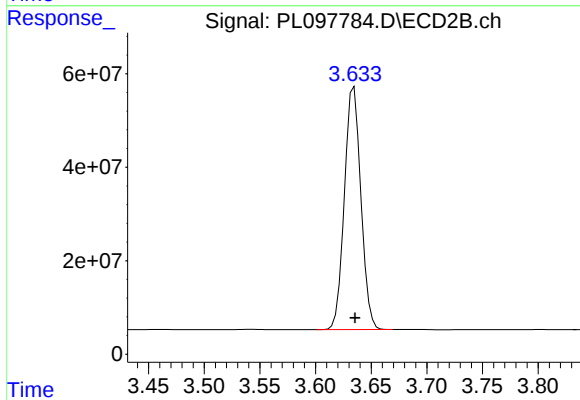
#3 gamma-BHC (Lindane)

R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 401210005
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

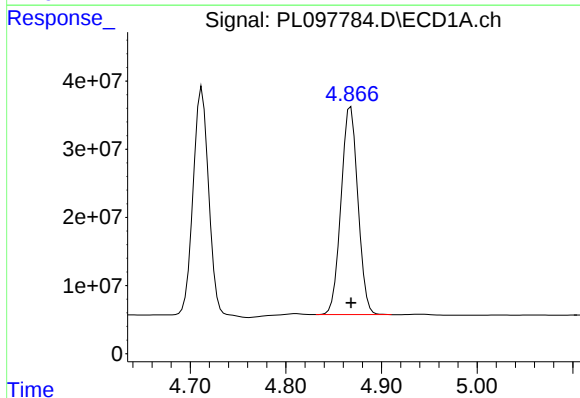
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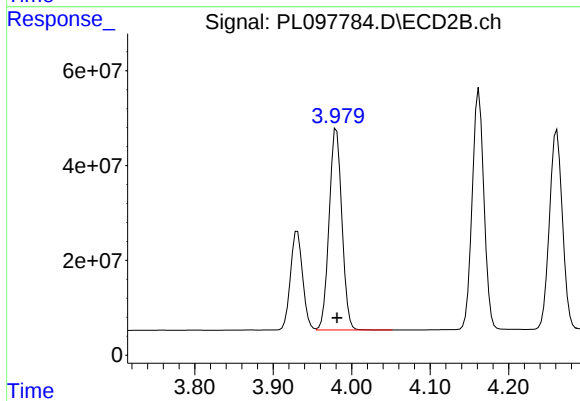
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: -0.001 min
Response: 535021596
Conc: 52.12 ng/ml



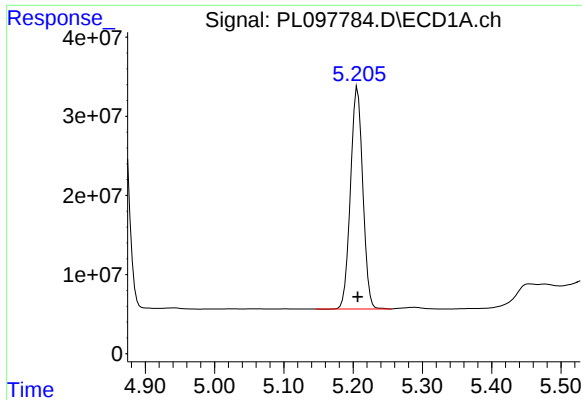
#4 Heptachlor

R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 374443322
Conc: 50.19 ng/ml



#4 Heptachlor

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 480199612
Conc: 50.75 ng/ml



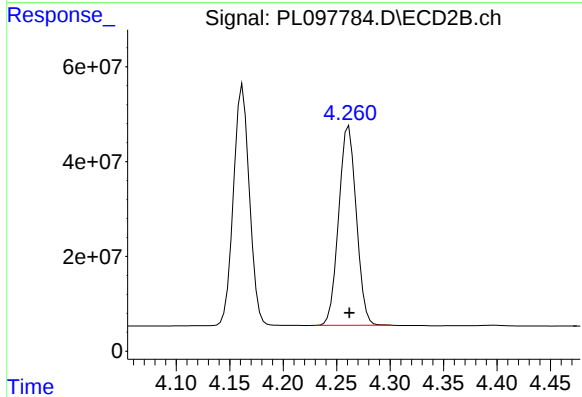
#5 Aldrin

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 346656269
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

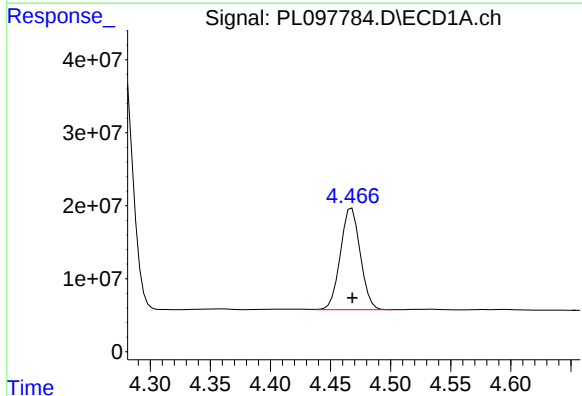
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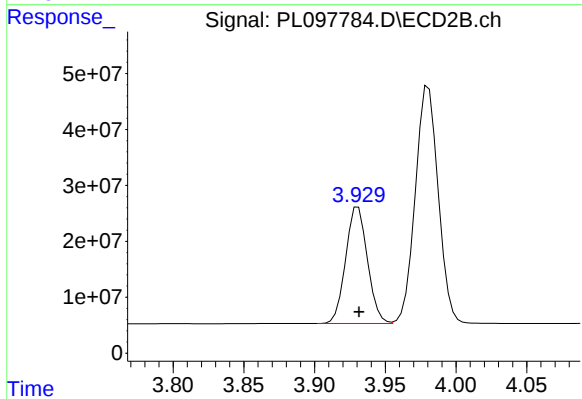
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 482729117
Conc: 50.88 ng/ml



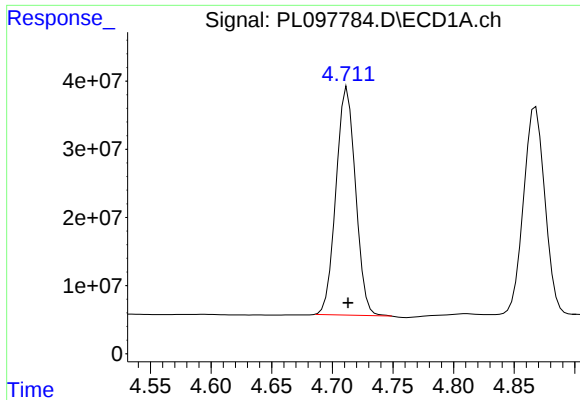
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 160578024
Conc: 49.18 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 224076524
Conc: 50.65 ng/ml



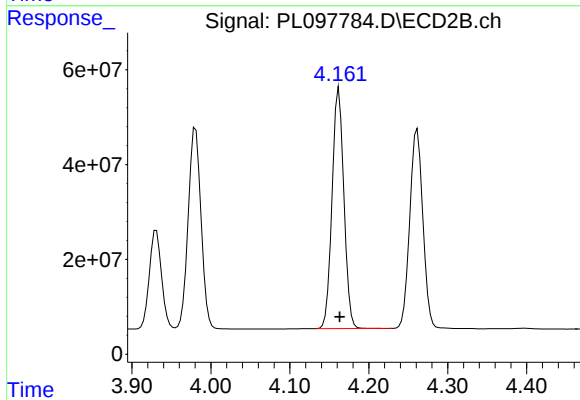
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 373917102
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

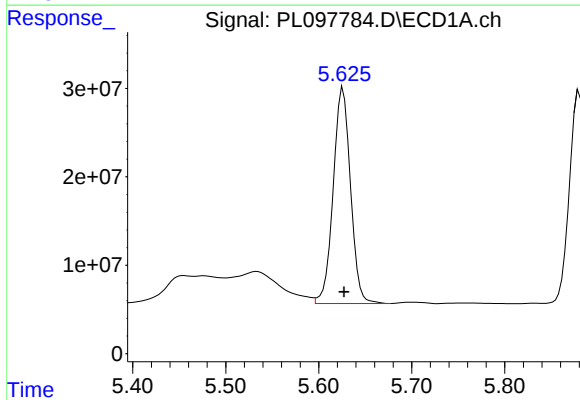
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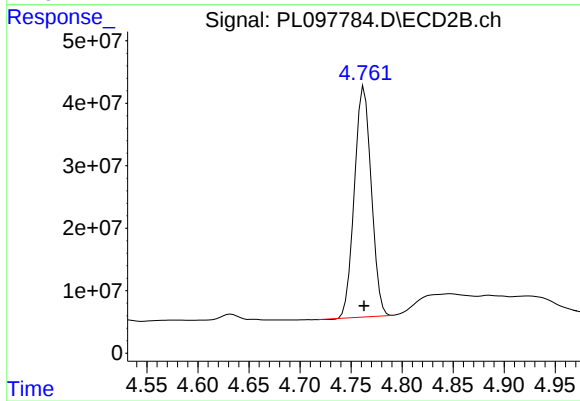
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 527683051
Conc: 51.50 ng/ml



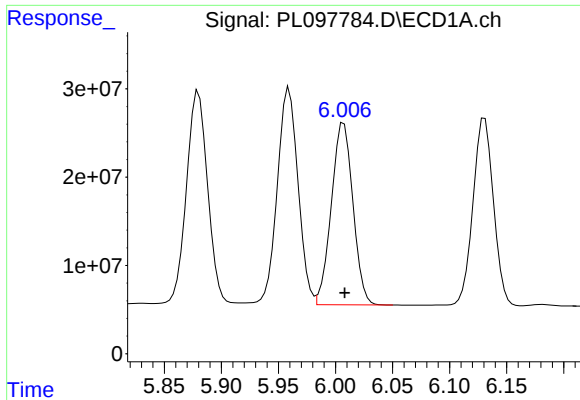
#8 Heptachlor epoxide

R.T.: 5.626 min
Delta R.T.: -0.001 min
Response: 316545861
Conc: 50.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 423745539
Conc: 50.49 ng/ml



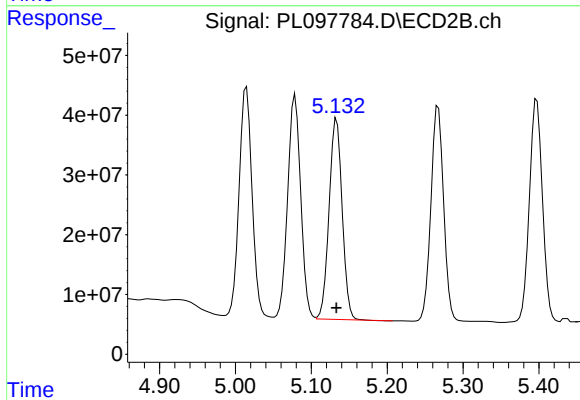
#9 Endosulfan I

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 271457181
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

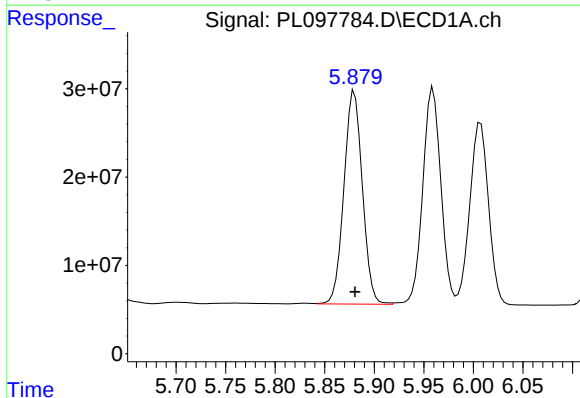
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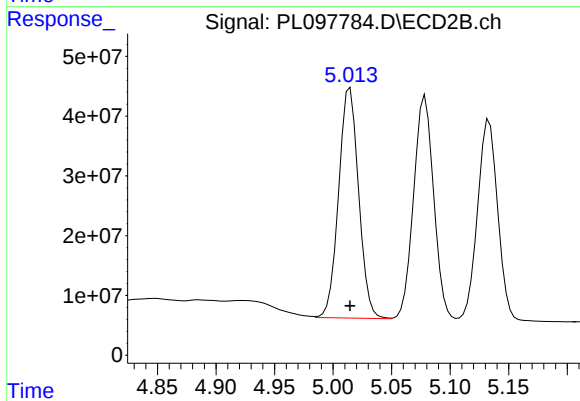
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 402687846
Conc: 46.56 ng/ml



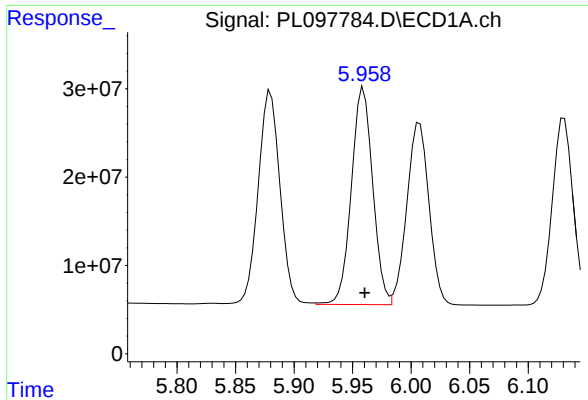
#10 gamma-Chlordane

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 312366182
Conc: 52.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 457418365
Conc: 51.11 ng/ml



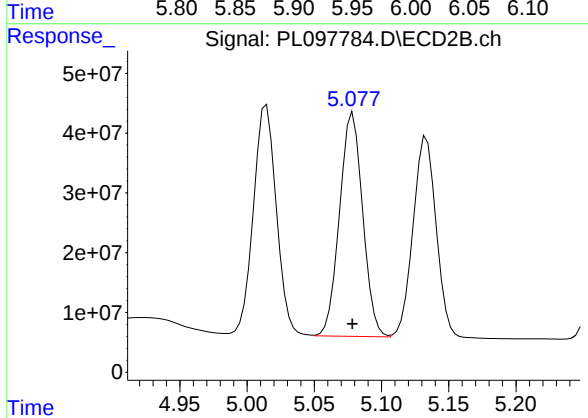
#11 alpha-Chlordane

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 312004112
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

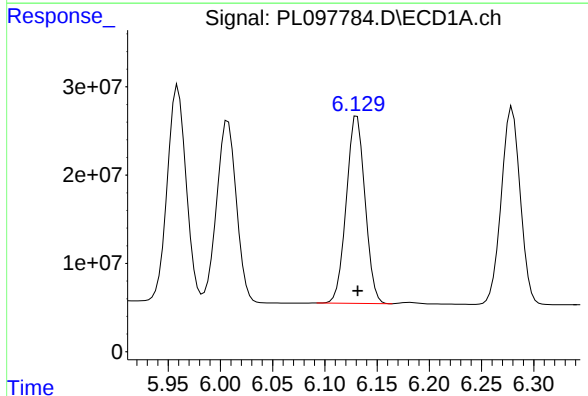
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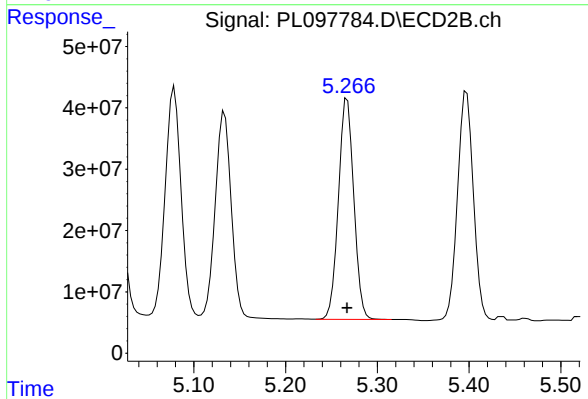
#11 alpha-Chlordane

R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 446964563
Conc: 47.74 ng/ml



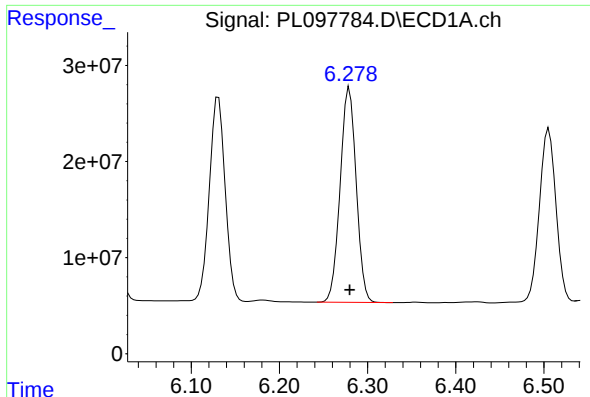
#12 4,4'-DDE

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 264308732
Conc: 49.34 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 420058437
Conc: 51.61 ng/ml m



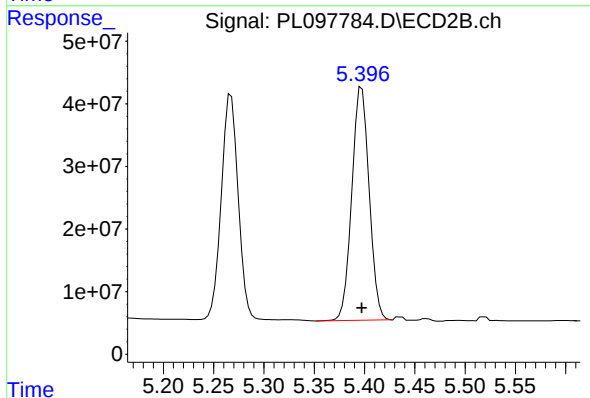
#13 Dieldrin

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 282713169
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

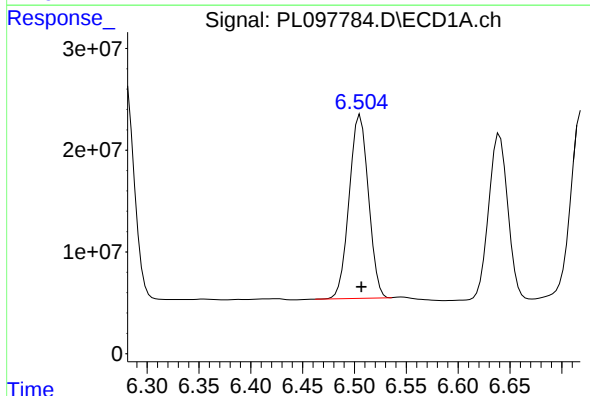
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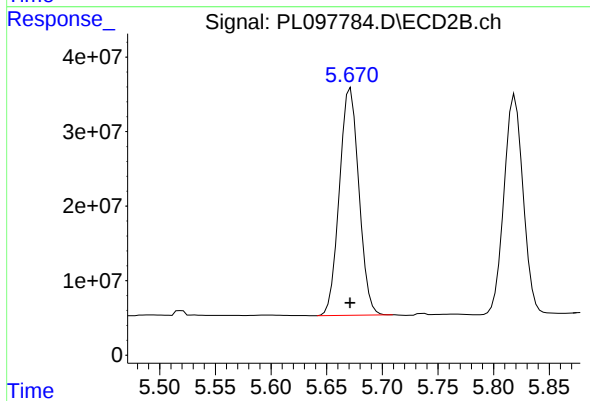
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 445824101
Conc: 51.60 ng/ml



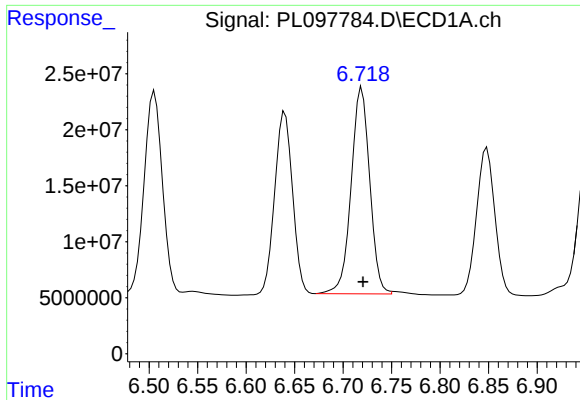
#14 Endrin

R.T.: 6.506 min
Delta R.T.: -0.001 min
Response: 233164500
Conc: 50.65 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 372328782
Conc: 48.44 ng/ml



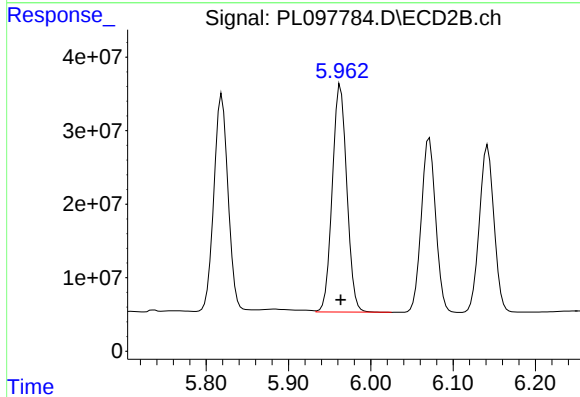
#15 Endosulfan II

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 245906916
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

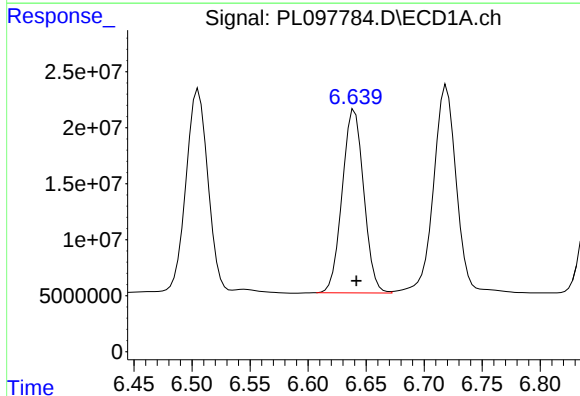
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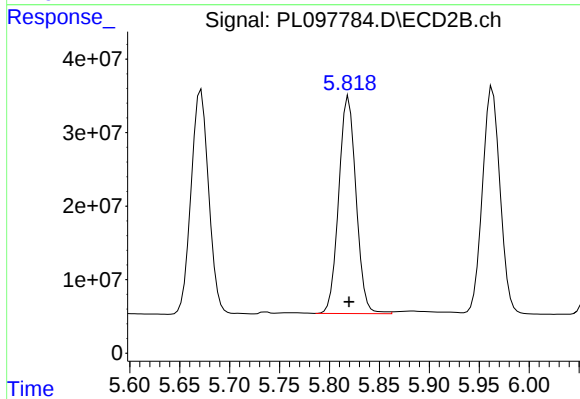
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 380500703
Conc: 52.27 ng/ml



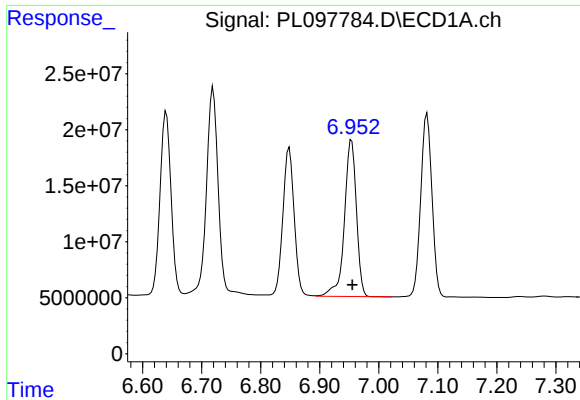
#16 4,4'-DDD

R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 211479546
Conc: 49.67 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 356312473
Conc: 52.67 ng/ml



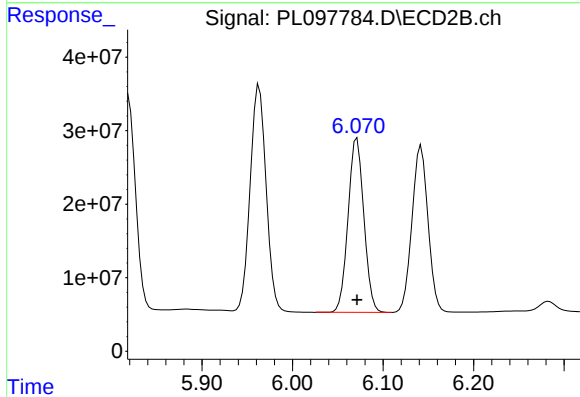
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: -0.001 min
Response: 197710019
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

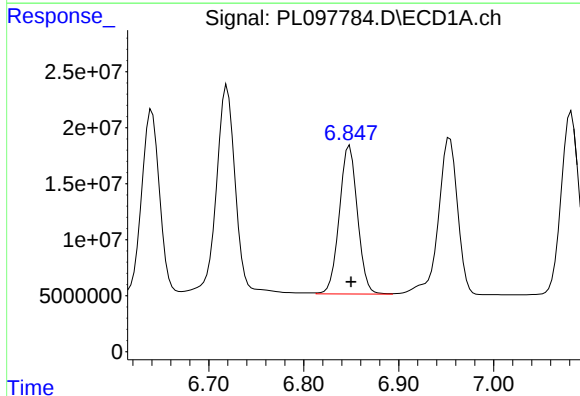
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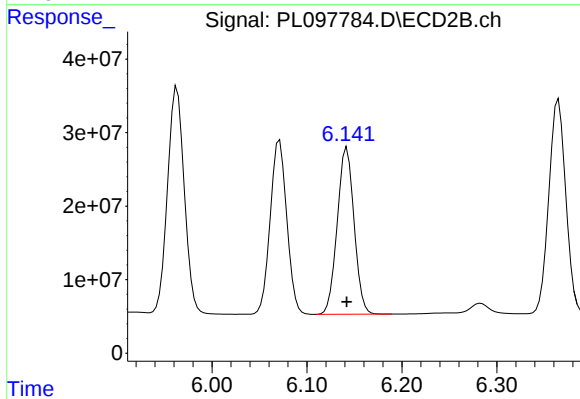
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 287795459
Conc: 58.40 ng/ml



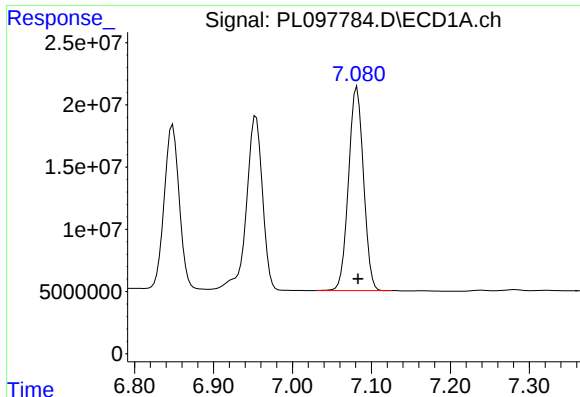
#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 176214175
Conc: 48.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 279760312
Conc: 50.16 ng/ml



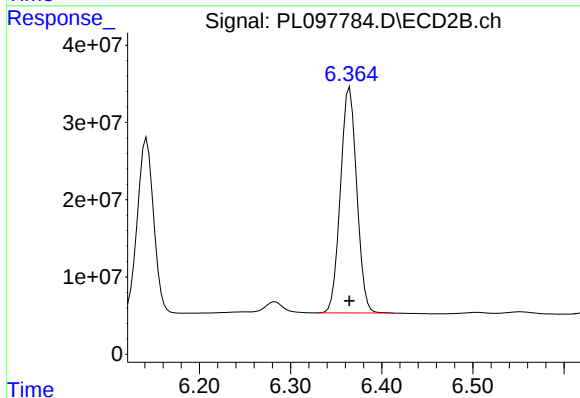
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: -0.001 min
Response: 215927183
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

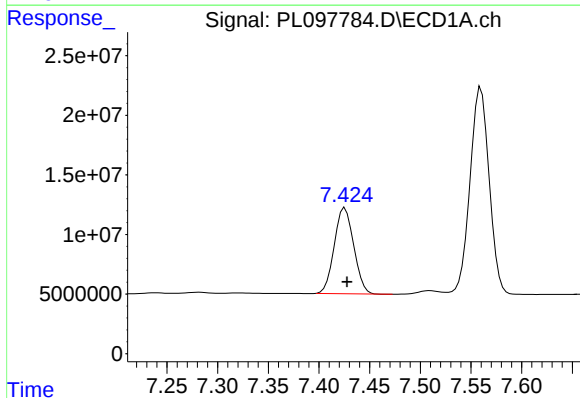
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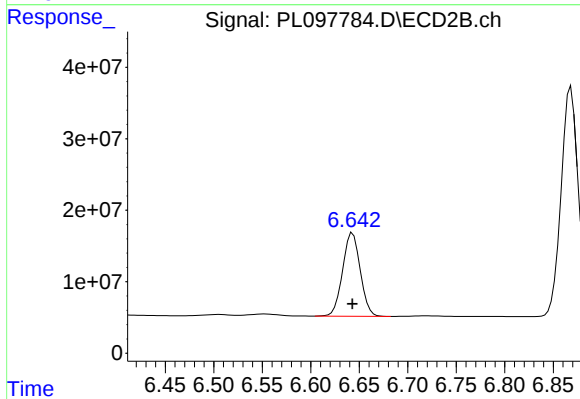
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 363424933
Conc: 52.96 ng/ml



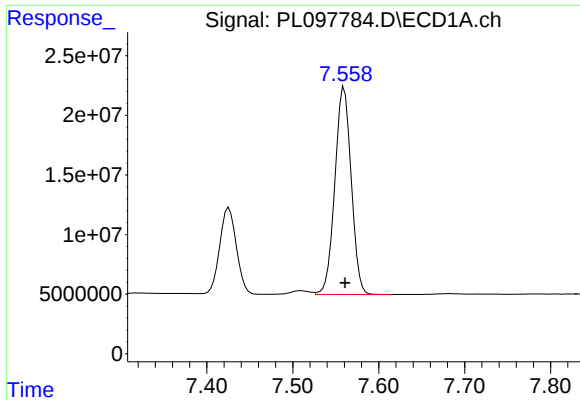
#20 Methoxychlor

R.T.: 7.426 min
Delta R.T.: -0.002 min
Response: 96477222
Conc: 51.12 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 147639733
Conc: 54.96 ng/ml



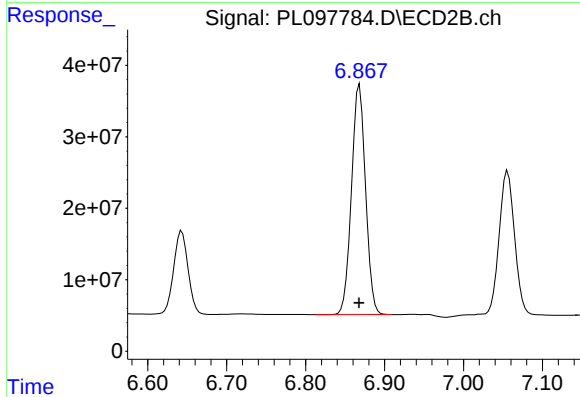
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 229308808
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

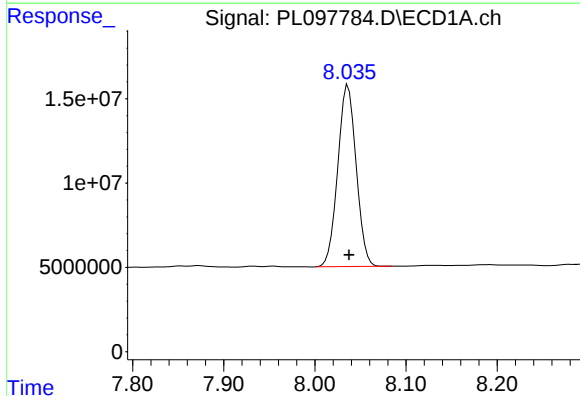
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/08/2025
Supervised By :Yogesh Patel 12/08/2025



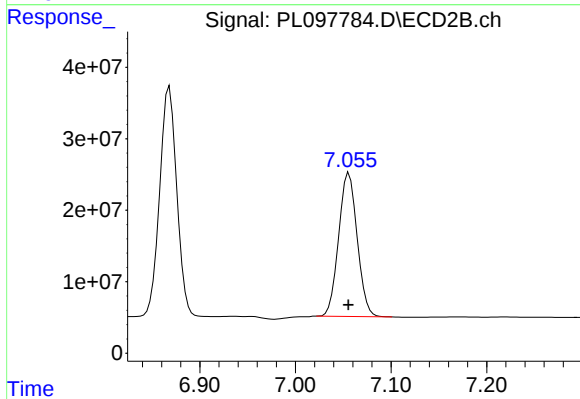
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 398561760
Conc: 54.71 ng/ml



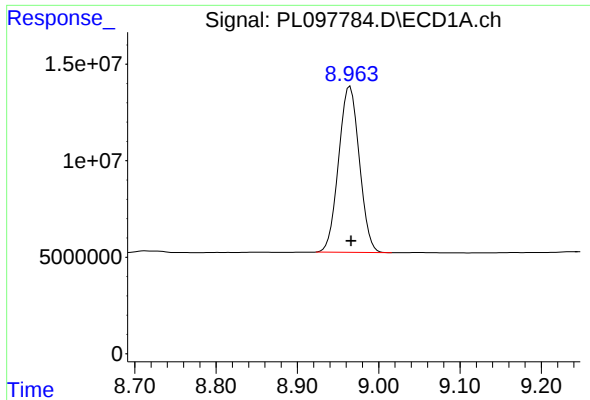
#22 Mirex

R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 150870525
Conc: 49.63 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 271055704
Conc: 52.38 ng/ml



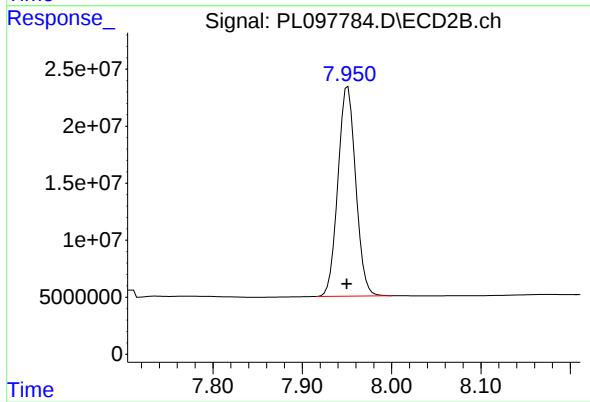
#28 Decachlorobiphenyl

R.T.: 8.965 min
Delta R.T.: -0.001 min
Response: 151889677
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.001 min
Response: 254246326
Conc: 54.02 ng/ml