

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090525\
 Data File : PL097051.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 16:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 08:05:29 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...	3.529	2.823	200.1E6	290.9E6	50.737	51.601
28)	SA Decachlor...	9.006	7.986	150.8E6	263.4E6	50.939	54.927
Target Compounds							
2)	A alpha-BHC	3.976	3.328	303.9E6	436.1E6	52.443	53.113
3)	MA gamma-BHC...	4.304	3.661	286.5E6	405.9E6	52.455	55.106
4)	MA Heptachlor	4.895	4.009	283.9E6	397.5E6	53.242	52.829
5)	MB Aldrin	5.235	4.291	272.3E6	377.5E6	51.841	53.673
6)	B beta-BHC	4.491	3.957	116.8E6	172.4E6	51.082	52.832
7)	B delta-BHC	4.737	4.190	266.2E6	399.3E6	59.149	54.334
8)	B Heptachlo...	5.655	4.794	252.0E6	359.0E6	48.980	56.764
9)	A Endosulfan I	6.037	5.164	222.4E6	317.7E6	51.770	53.028
10)	B gamma-Chl...	5.907	5.046	243.7E6	356.0E6	52.906m	53.856
11)	B alpha-Chl...	5.989	5.110	239.9E6	349.4E6	50.972	53.502
12)	B 4,4'-DDE	6.159	5.299	199.9E6	330.6E6	50.098	53.723
13)	MA Dieldrin	6.309	5.429	234.3E6	351.8E6	51.591	53.690
14)	MA Endrin	6.535	5.704	187.6E6	314.4E6	50.103	53.229
15)	B Endosulfa...	6.747	5.996	194.2E6	304.5E6	44.095m	53.244
16)	A 4,4'-DDD	6.668	5.851	164.3E6	280.7E6	52.049	53.742
17)	MA 4,4'-DDT	6.983	6.104	177.0E6	300.4E6	50.525	54.846
18)	B Endrin al...	6.877	6.174	138.9E6	230.0E6	53.377	55.854
19)	B Endosulfa...	7.111	6.398	177.2E6	295.5E6	51.609	52.747
20)	A Methoxychlor	7.456	6.676	87326319	157.4E6	50.318	52.466
21)	B Endrin ke...	7.591	6.903	187.4E6	336.3E6	52.709	53.738
22)	Mirex	8.070	7.092	150.9E6	256.9E6	50.442	52.891

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090525\
Data File : PL097051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 16:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

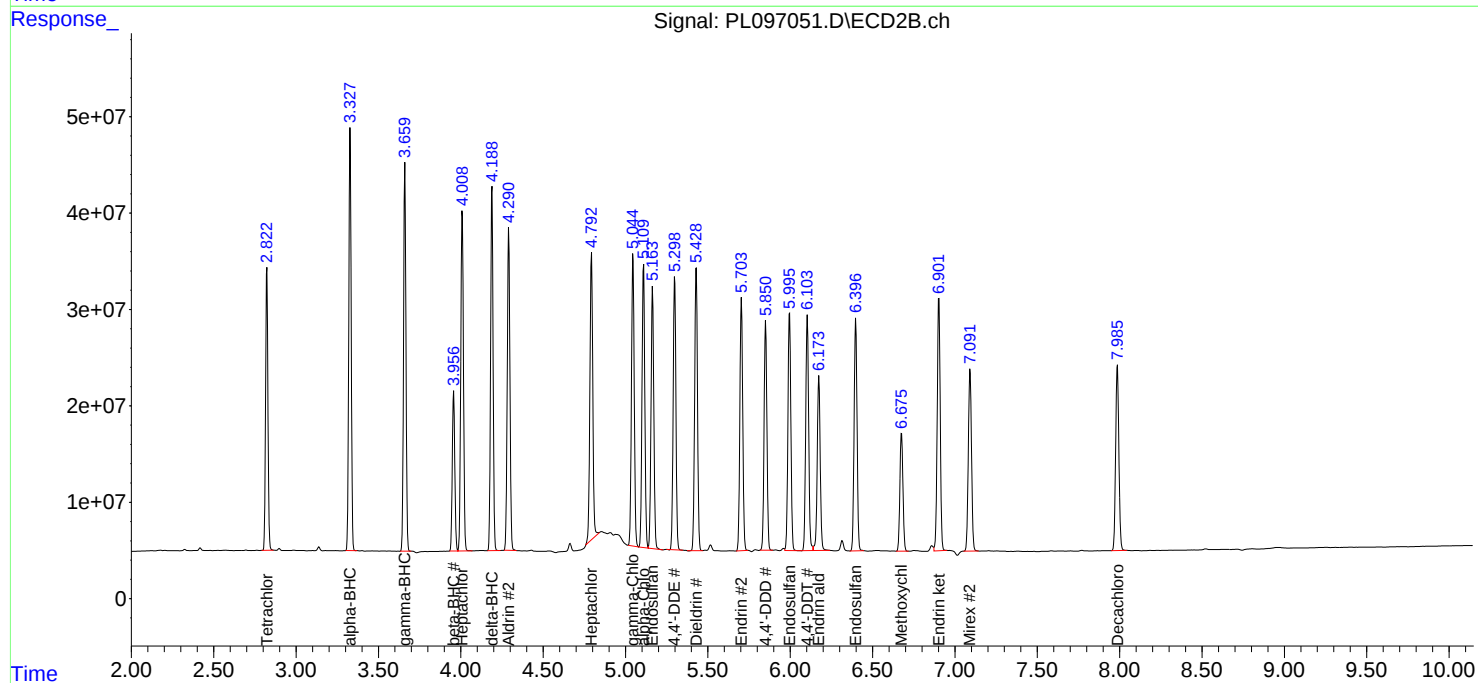
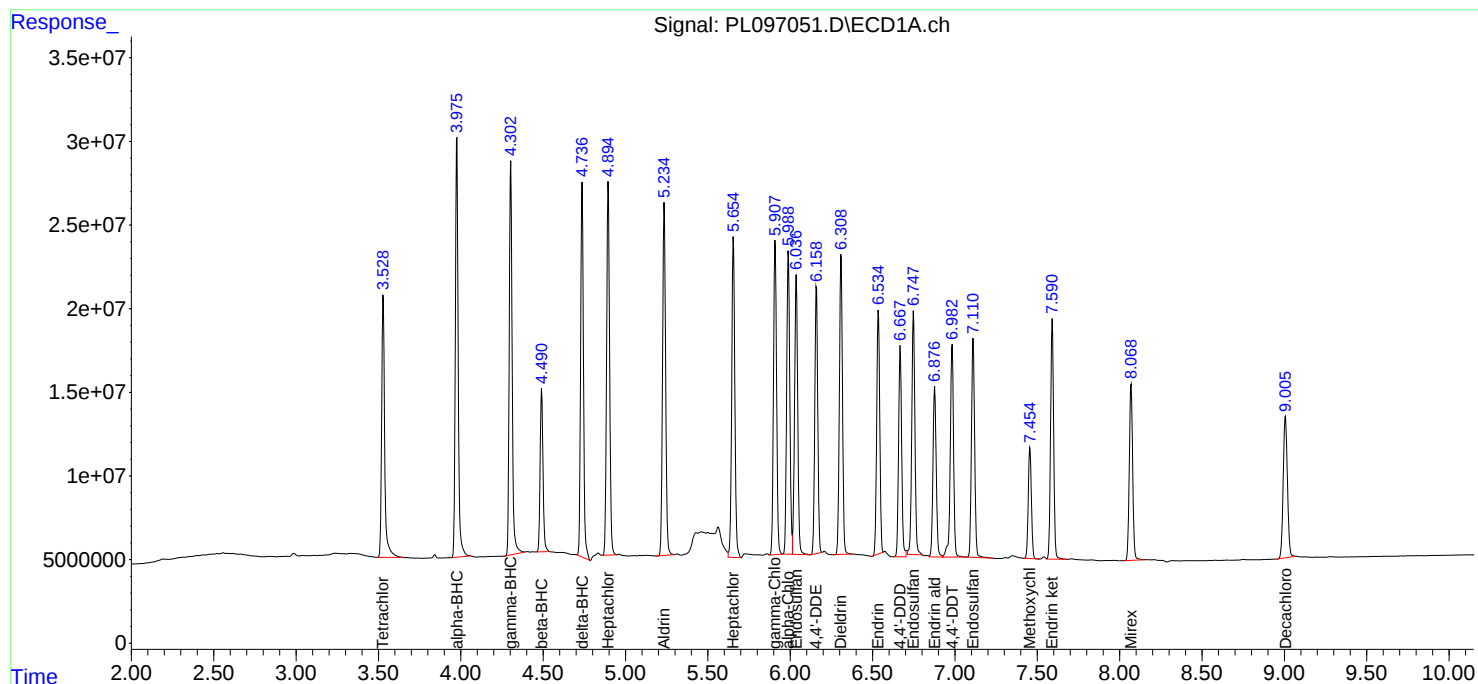
APPROVED

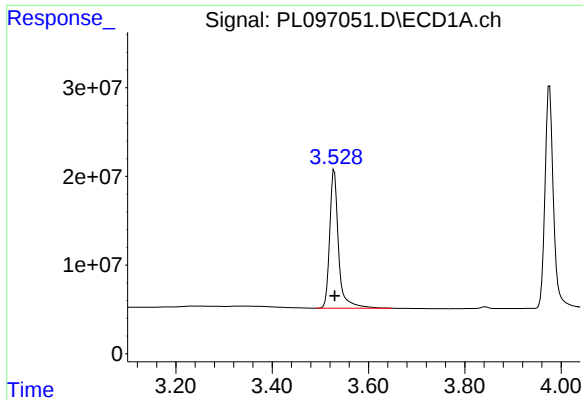
Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 08:05:29 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.: 3.529 min
Delta R.T.: -0.001 min
Response: 200100205
Conc: 50.74 ng/ml

Instrument :

ECD_L

ClientSampleId :

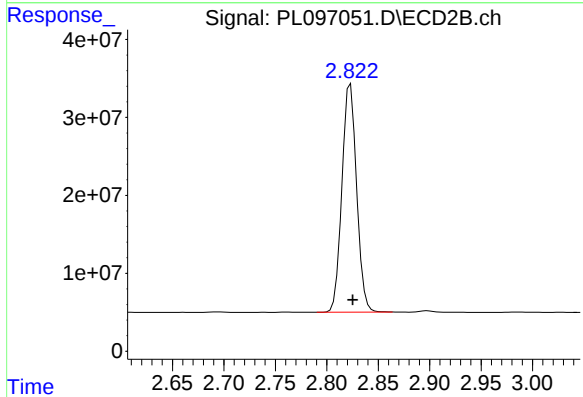
PSTDCCC050

Manual Integrations

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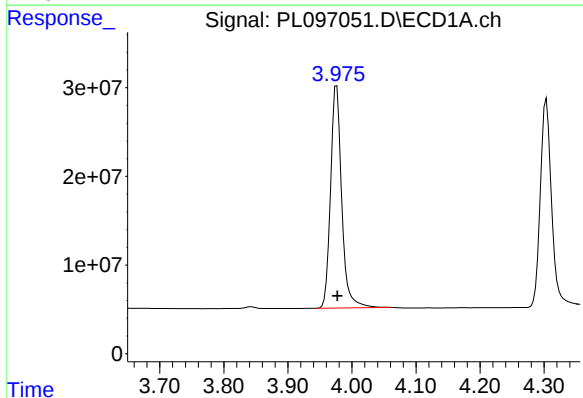
Reviewed By :Abdul Mirza 09/05/2025

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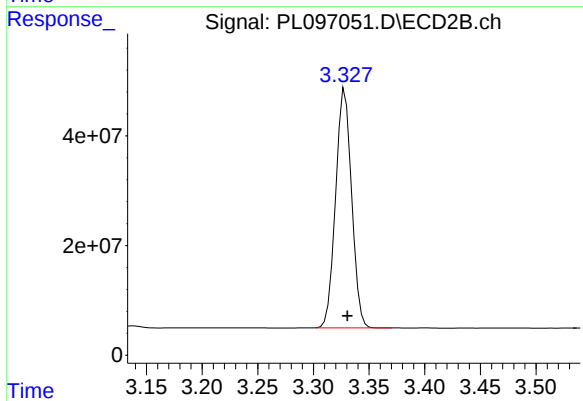
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 290859041
Conc: 51.60 ng/ml



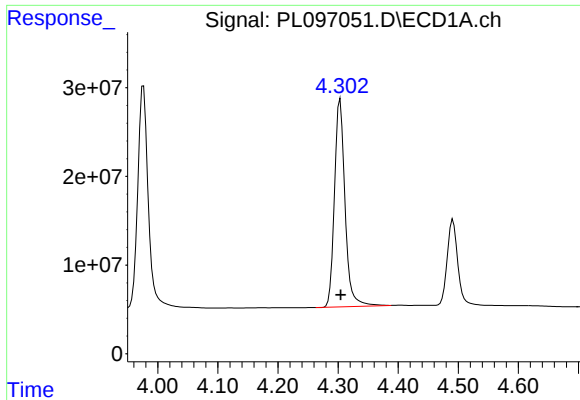
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.001 min
Response: 303855850
Conc: 52.44 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 436122365
Conc: 53.11 ng/ml



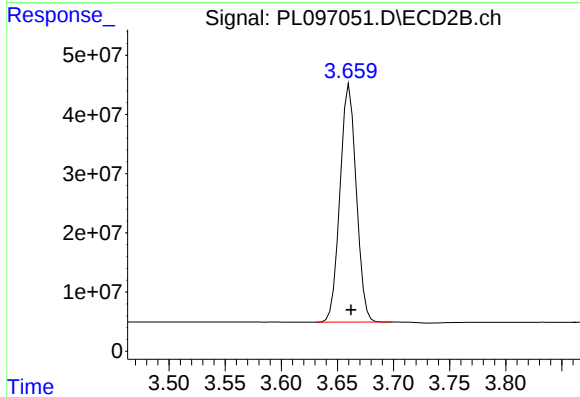
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 286495759
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

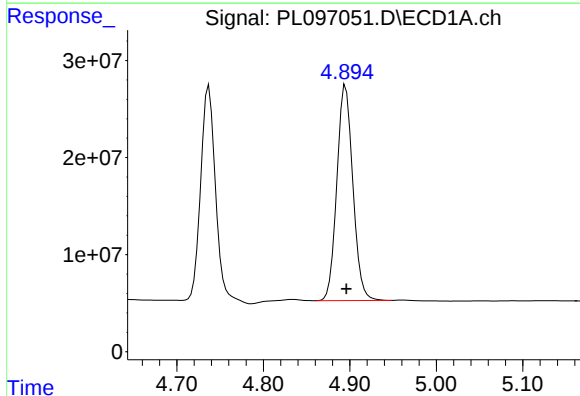
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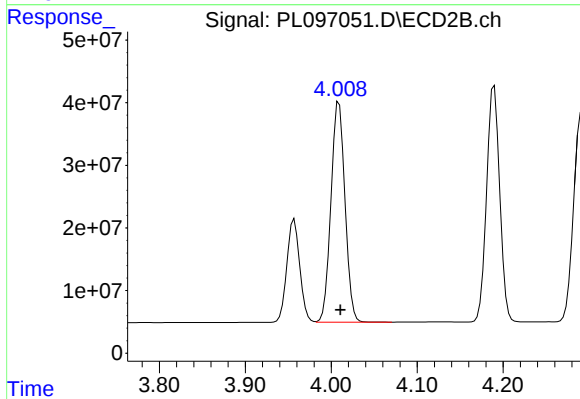
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 405936886
Conc: 55.11 ng/ml



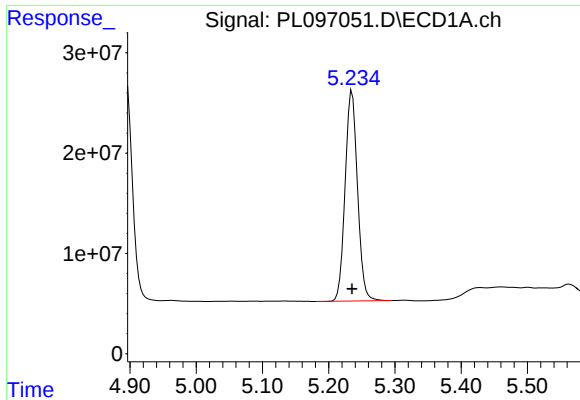
#4 Heptachlor

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 283905457
Conc: 53.24 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.001 min
Response: 397494665
Conc: 52.83 ng/ml



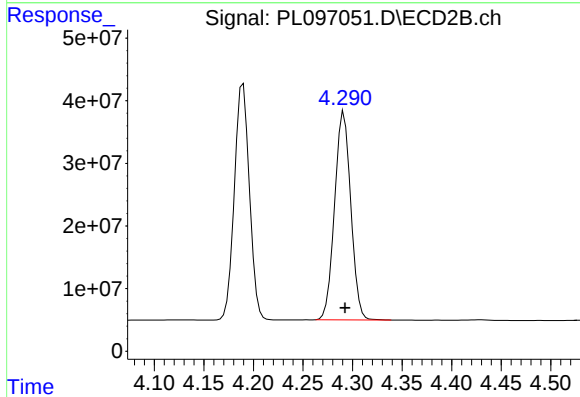
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: 0.000 min
Response: 272347767
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

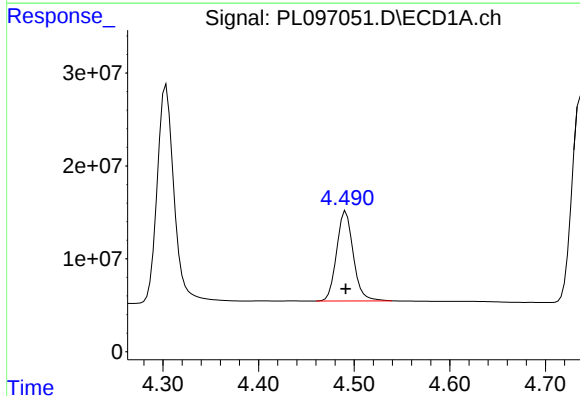
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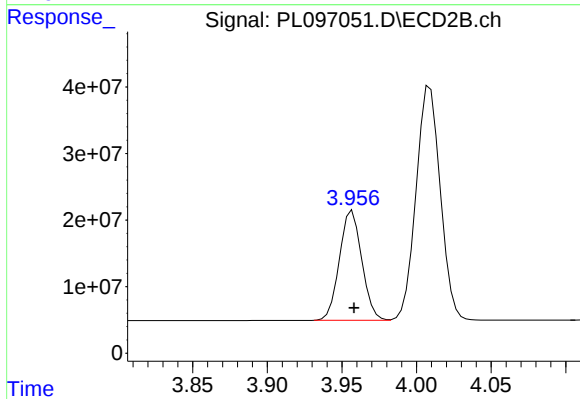
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.001 min
Response: 377472124
Conc: 53.67 ng/ml



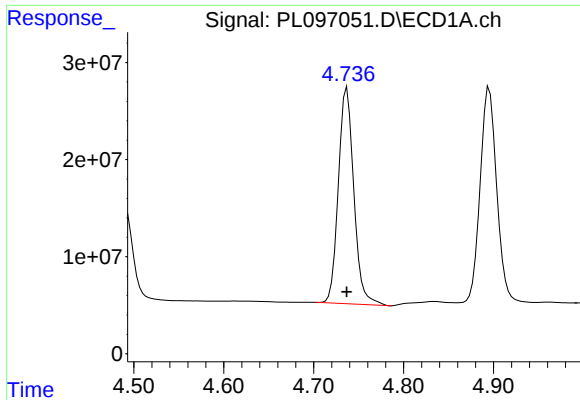
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 116826781
Conc: 51.08 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 172352025
Conc: 52.83 ng/ml



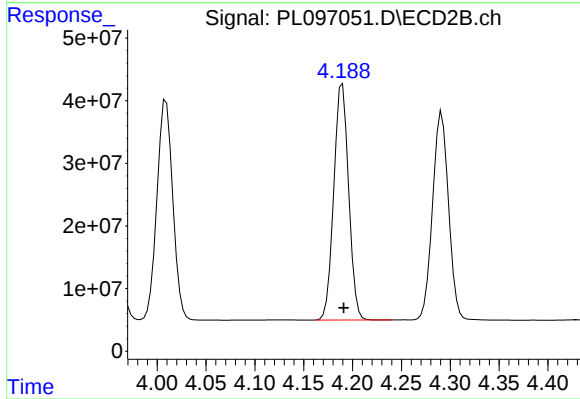
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 266166755
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

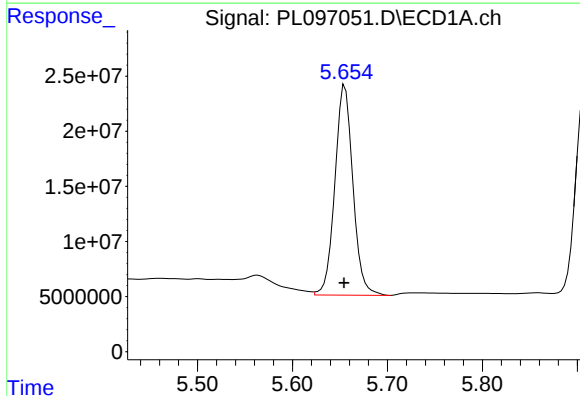
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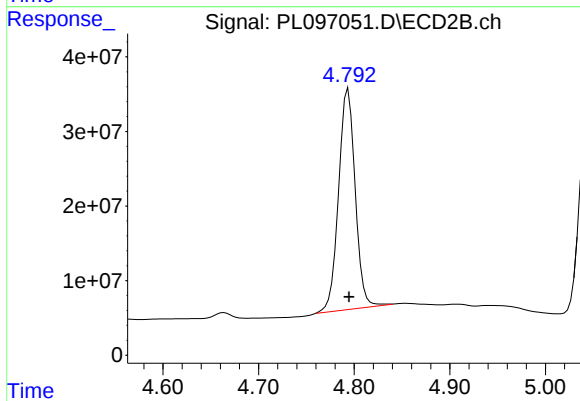
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 399294460
Conc: 54.33 ng/ml



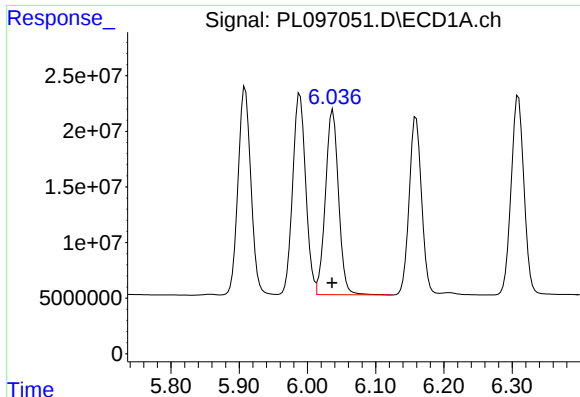
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 252041277
Conc: 48.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: -0.001 min
Response: 359030102
Conc: 56.76 ng/ml



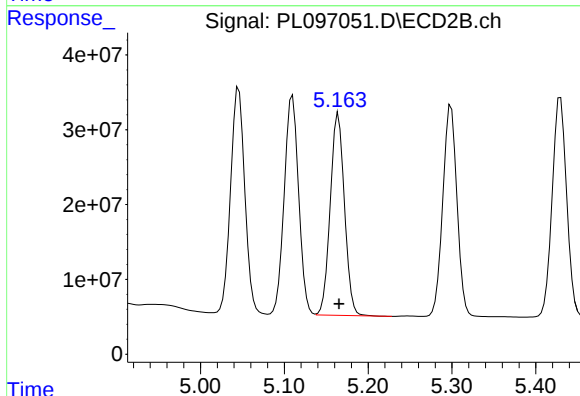
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: 0.001 min
Response: 222446227
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

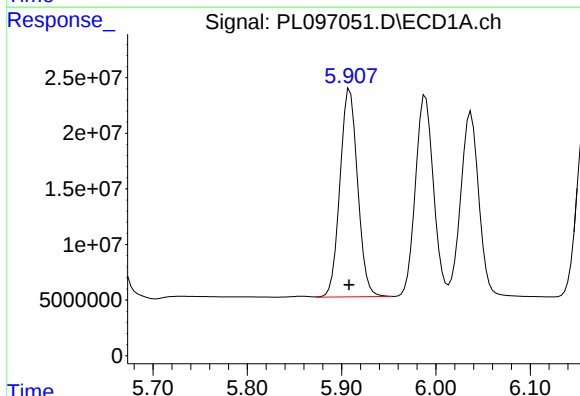
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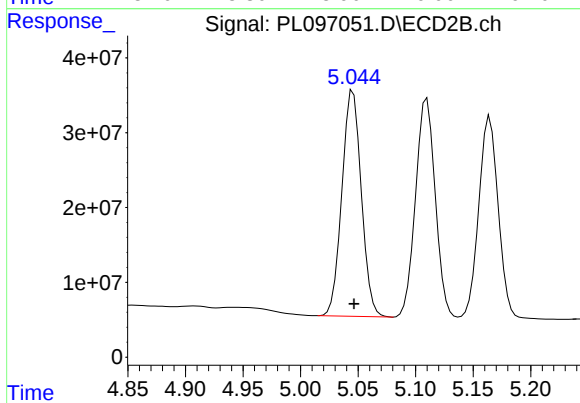
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 317706402
Conc: 53.03 ng/ml



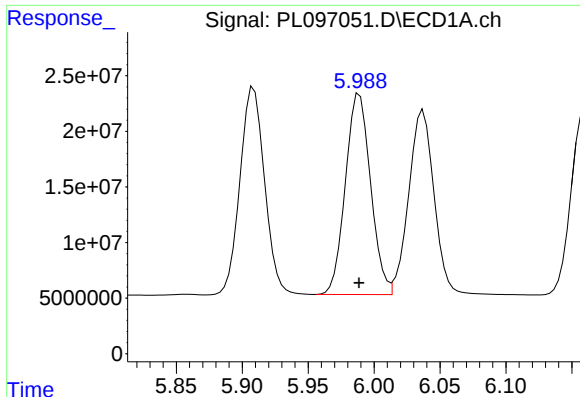
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 243655649
Conc: 52.91 ng/ml m



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 356046289
Conc: 53.86 ng/ml



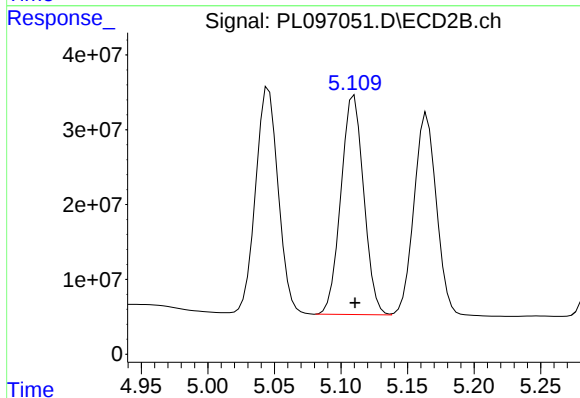
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 239868778
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

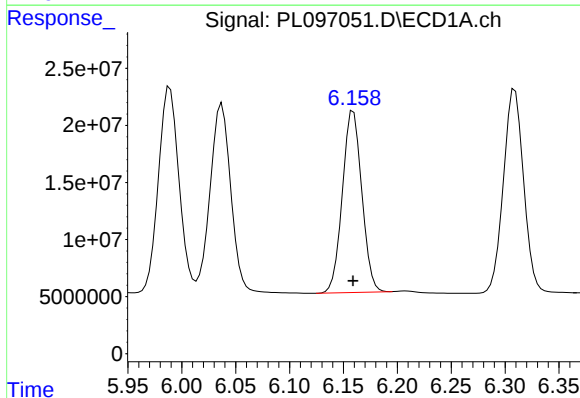
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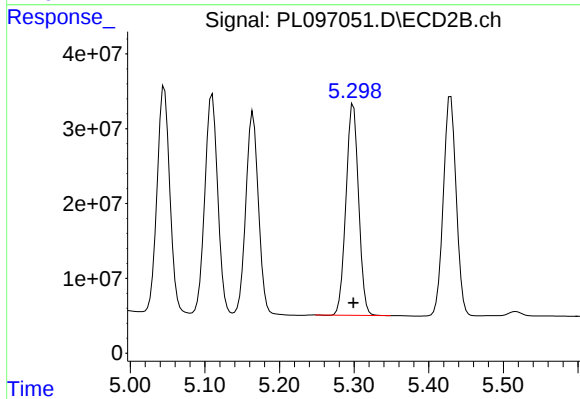
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 349354772
Conc: 53.50 ng/ml



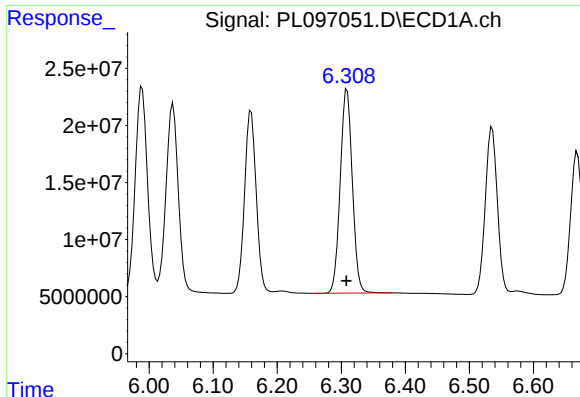
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 199897860
Conc: 50.10 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 330647061
Conc: 53.72 ng/ml



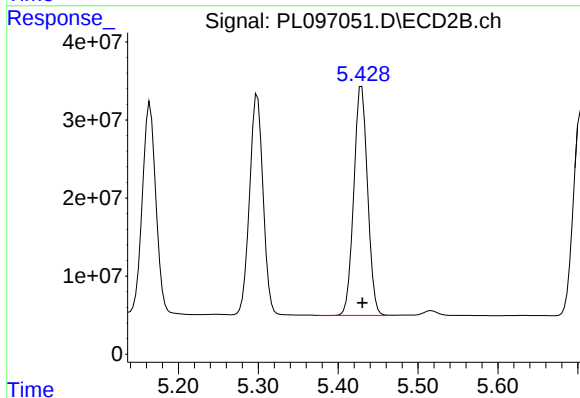
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 234268221
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

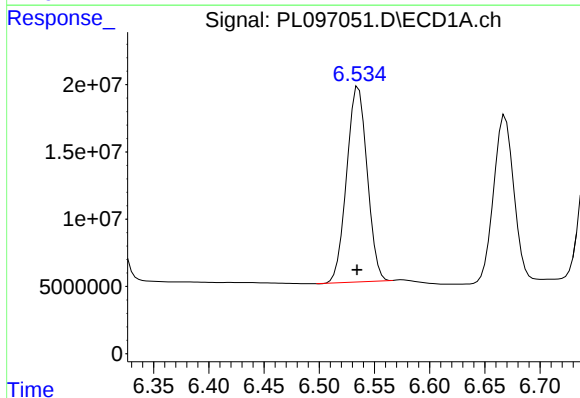
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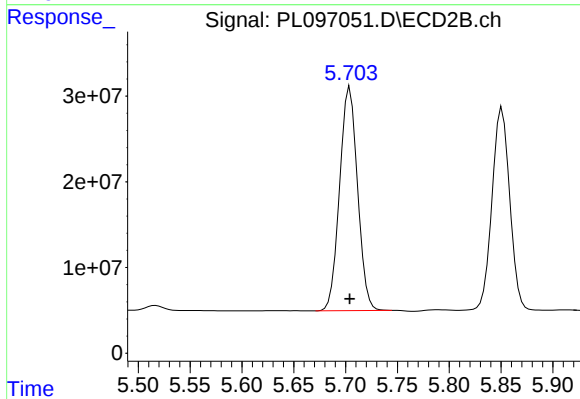
#13 Dieldrin

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 351829095
Conc: 53.69 ng/ml



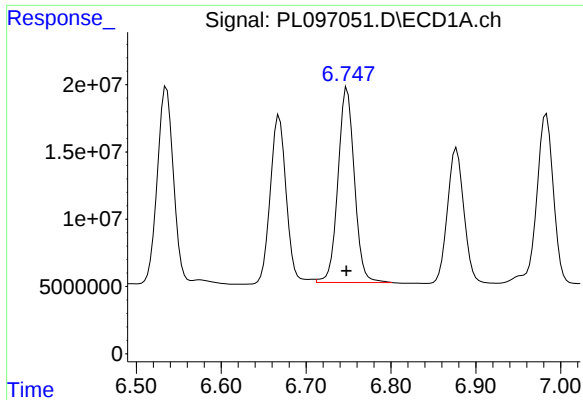
#14 Endrin

R.T.: 6.535 min
Delta R.T.: 0.001 min
Response: 187631437
Conc: 50.10 ng/ml



#14 Endrin

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 314434937
Conc: 53.23 ng/ml



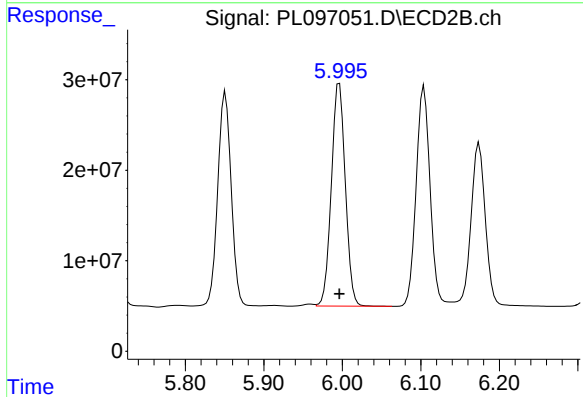
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 194241836
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

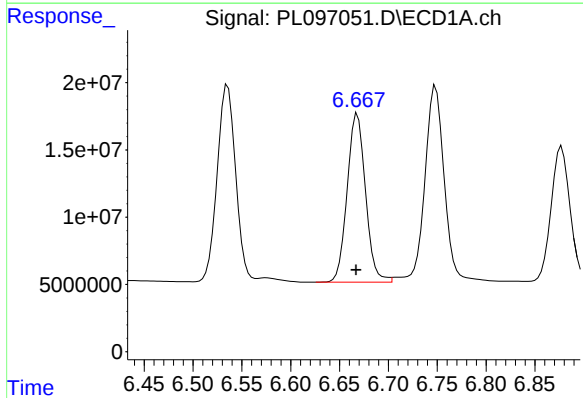
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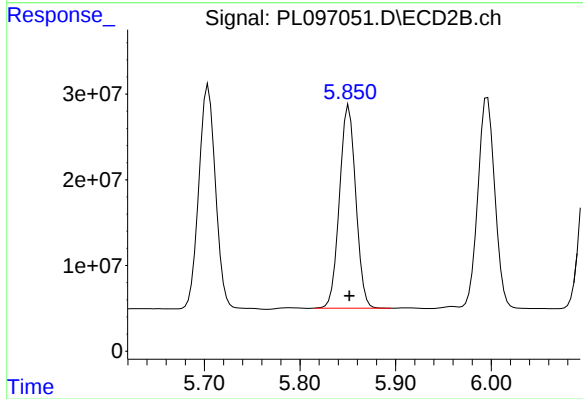
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 304487307
Conc: 53.24 ng/ml



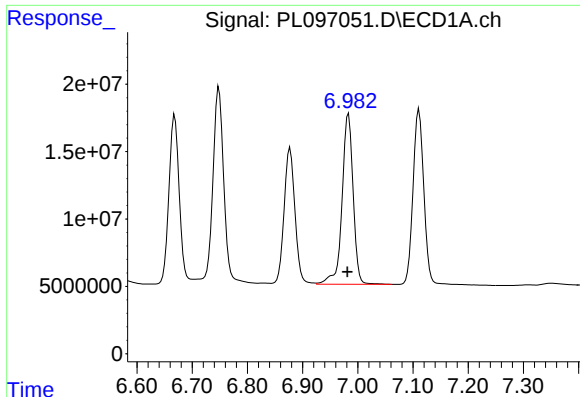
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 164256675
Conc: 52.05 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 280661098
Conc: 53.74 ng/ml



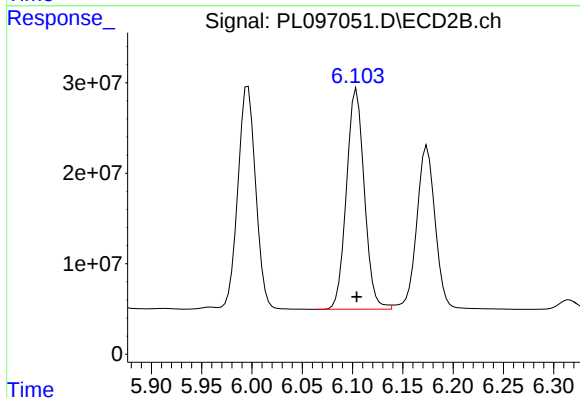
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.002 min
Response: 176961437
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

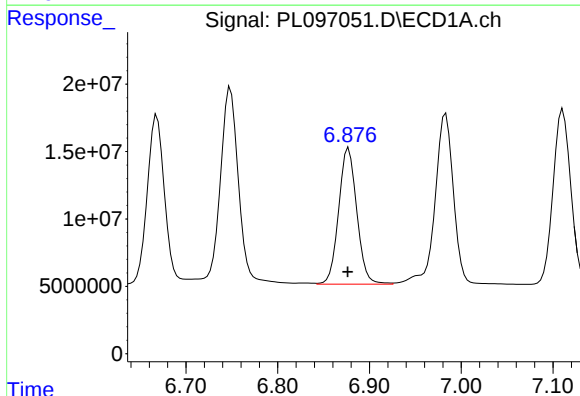
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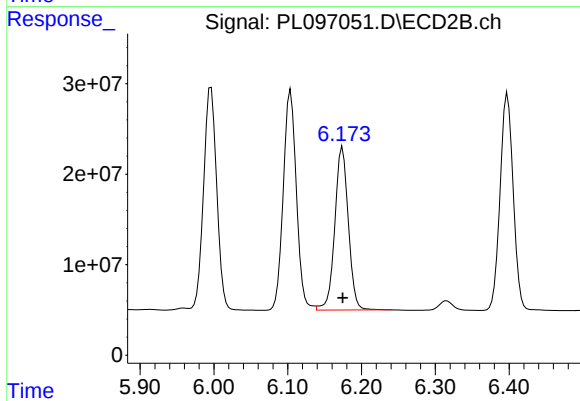
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 300405844
Conc: 54.85 ng/ml



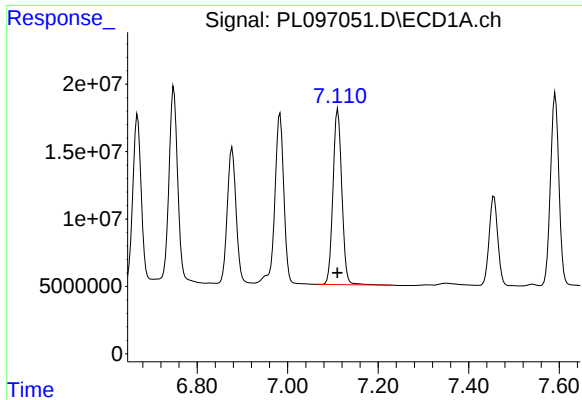
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 138857226
Conc: 53.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 230000202
Conc: 55.85 ng/ml



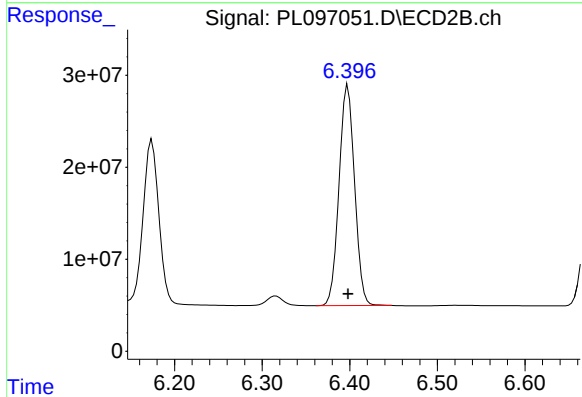
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 177191915
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

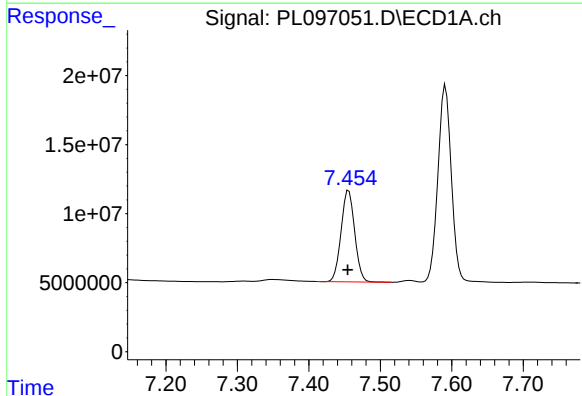
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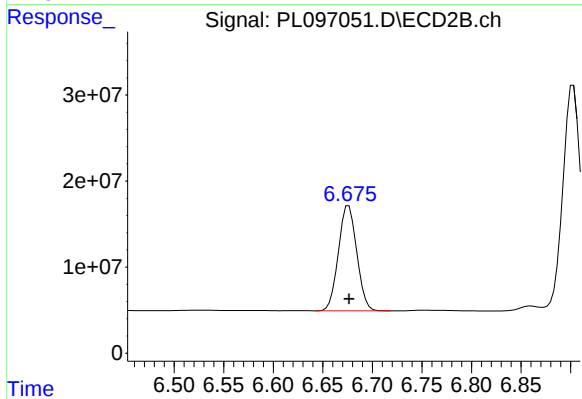
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: 0.000 min
Response: 295540652
Conc: 52.75 ng/ml



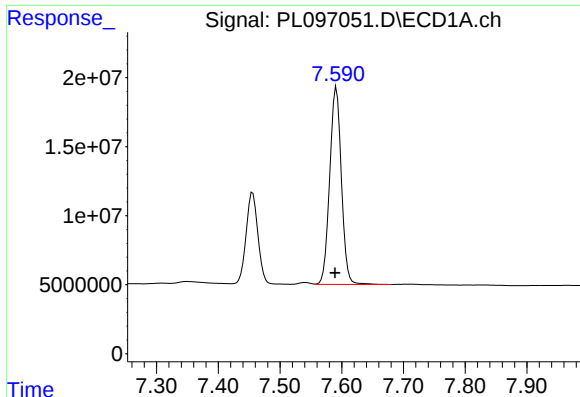
#20 Methoxychlor

R.T.: 7.456 min
Delta R.T.: 0.002 min
Response: 87326319
Conc: 50.32 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 157385975
Conc: 52.47 ng/ml



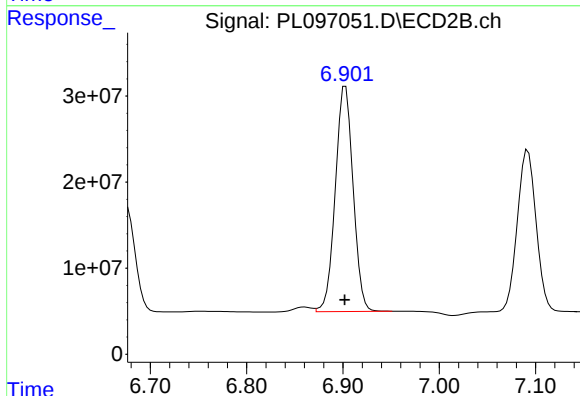
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: 0.002 min
Response: 187394838
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

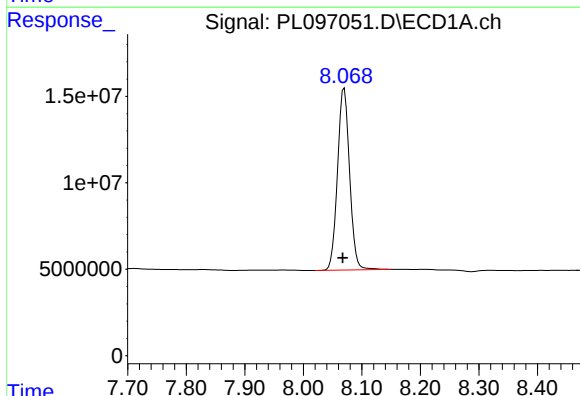
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/05/2025
Supervised By :mohammad ahmed 09/08/2025



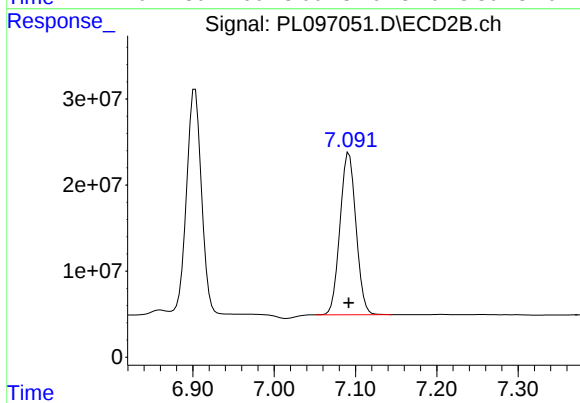
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 336343676
Conc: 53.74 ng/ml



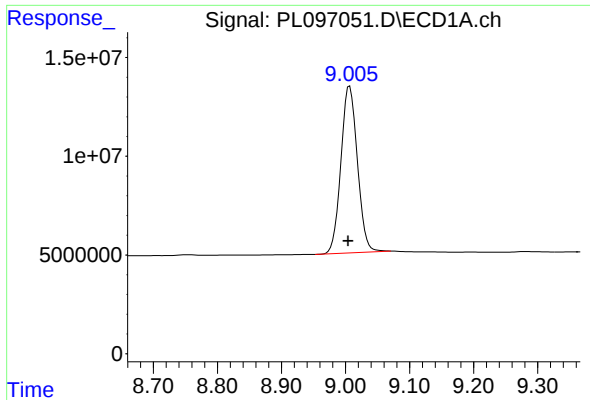
#22 Mirex

R.T.: 8.070 min
Delta R.T.: 0.002 min
Response: 150917927
Conc: 50.44 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 256868863
Conc: 52.89 ng/ml



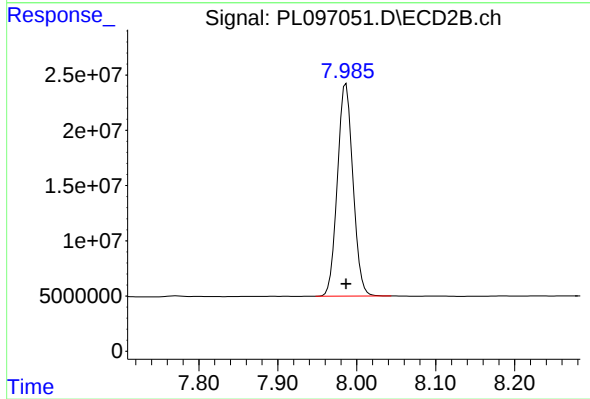
#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: 0.002 min
Response: 150813153
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/08/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: 0.000 min
Response: 263416297
Conc: 54.93 ng/ml