

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 18:39
 Operator : AR\AJ
 Sample : PB169766BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169766BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/23/2025
 Supervised By : mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:47:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.528	2.825	63381811	94593349	14.000	14.386
28)	SA Decachlor...	9.000	7.983	49043650	75159277	14.988	13.205
Target Compounds							
2)	A alpha-BHC	3.974	3.329	245.5E6	357.8E6	35.137	35.929
3)	MA gamma-BHC...	4.302	3.661	231.2E6	332.0E6	34.955	35.639
4)	MA Heptachlor	4.893	4.009	229.6E6	321.1E6	34.423	34.503
5)	MB Aldrin	5.232	4.291	223.6E6	311.9E6	35.299	35.937
6)	B beta-BHC	4.490	3.957	96623901	141.3E6	35.443	34.788
7)	B delta-BHC	4.733	4.190	215.6E6	319.4E6	35.535m	34.750
8)	B Heptachlo...	5.651	4.793	205.1E6	286.2E6	35.687	36.084
9)	A Endosulfan I	6.033	5.163	181.6E6	272.1E6	35.053	35.416
10)	B gamma-Chl...	5.905	5.045	200.8E6	314.8E6	35.523	36.048
11)	B alpha-Chl...	5.985	5.108	198.2E6	301.3E6	34.898	36.301
12)	B 4,4'-DDE	6.156	5.297	170.4E6	276.1E6	35.773	35.927
13)	MA Dieldrin	6.305	5.428	191.2E6	289.1E6	34.870	35.360
14)	MA Endrin	6.532	5.702	143.2E6	235.3E6	31.052	31.335
15)	B Endosulfa...	6.745	5.994	165.3E6	242.9E6	33.609	34.170
16)	A 4,4'-DDD	6.665	5.849	141.7E6	236.1E6	37.571	36.611
17)	MA 4,4'-DDT	6.979	6.101	131.7E6	205.9E6	31.147	29.751
18)	B Endrin al...	6.873	6.172	119.7E6	188.5E6	38.814	35.310
19)	B Endosulfa...	7.107	6.395	141.4E6	229.9E6	34.643	33.558
20)	A Methoxychlor	7.451	6.673	62986932	108.5E6	30.204	28.785
21)	B Endrin ke...	7.586	6.899	152.9E6	257.5E6	36.014	34.192
22)	Mirex	8.064	7.088	116.3E6	189.0E6	32.759	31.607

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 18:39
Operator : AR\AJ
Sample : PB169766BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

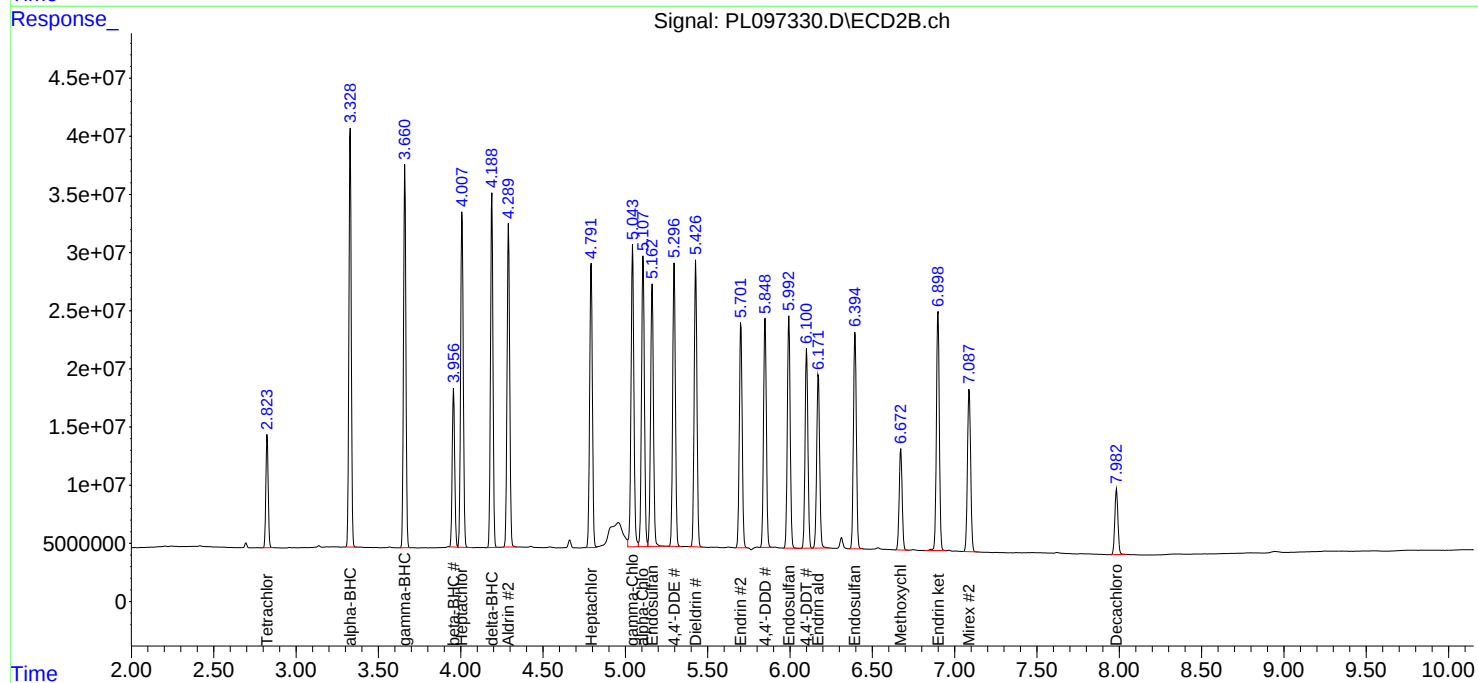
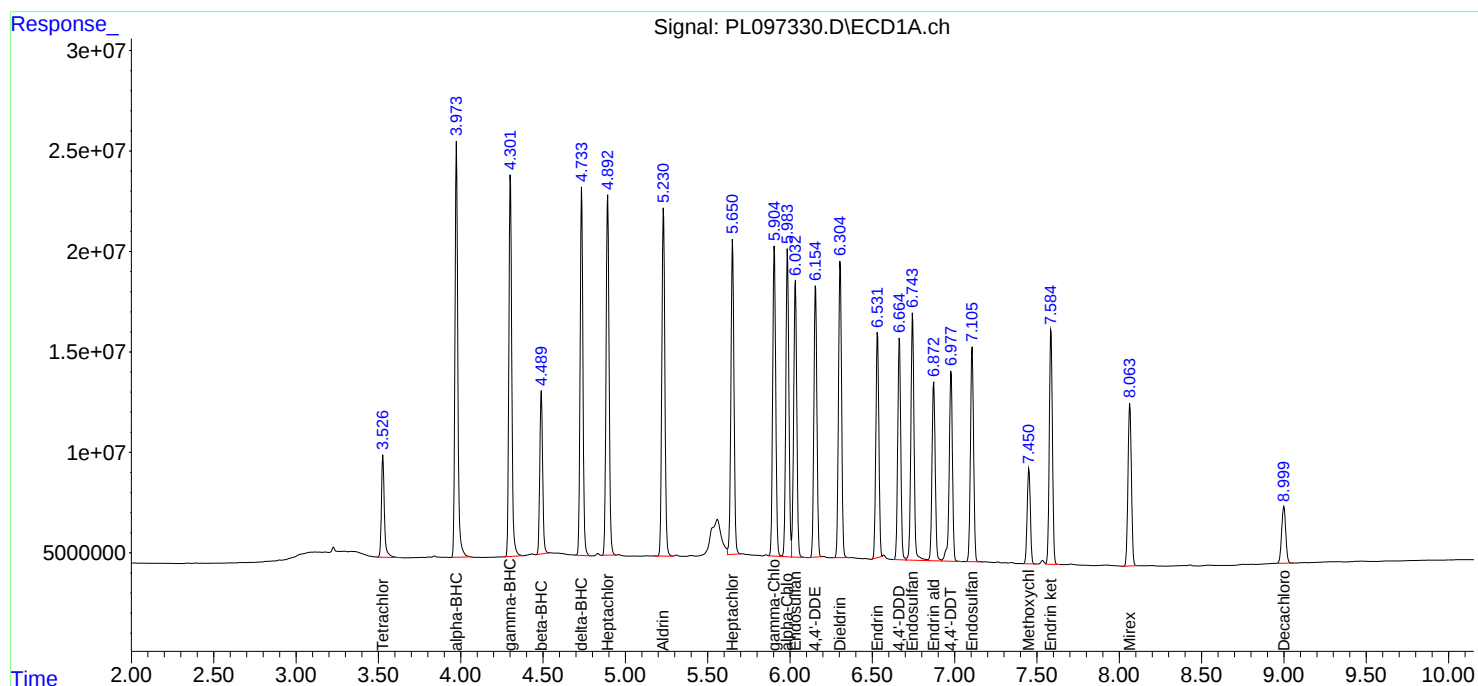
Instrument :
ECD_L
ClientSampleId :
PB169766BSD

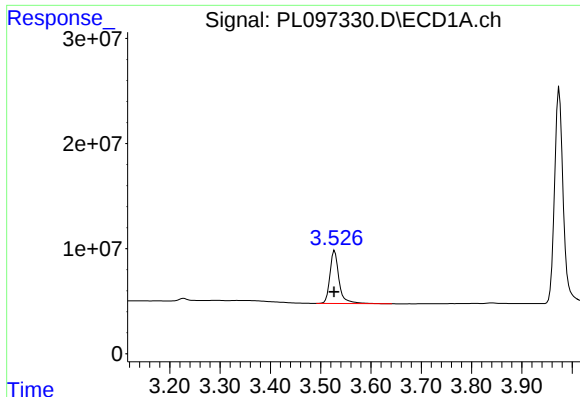
Manual Integrations
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Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:47:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 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





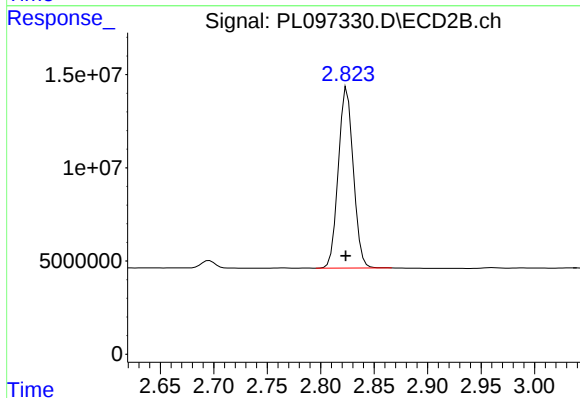
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: 0.000 min
Response: 63381811
Conc: 14.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

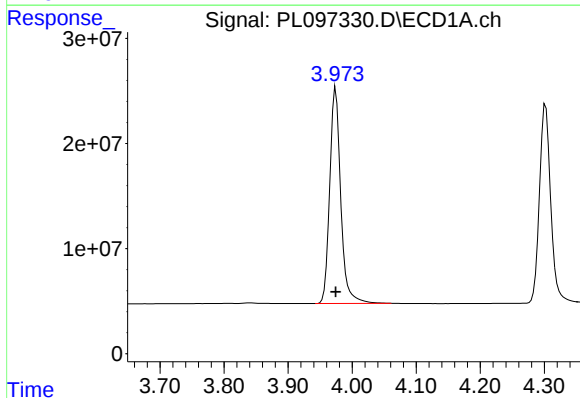
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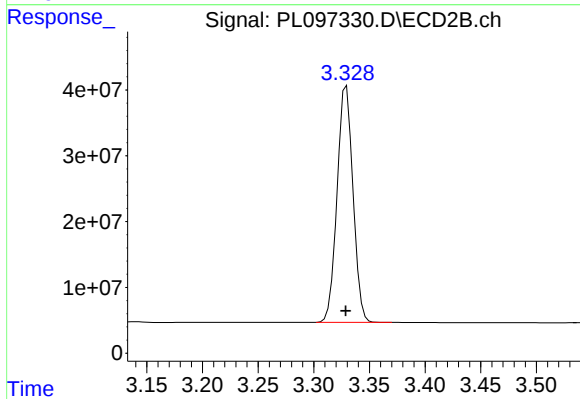
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.001 min
Response: 94593349
Conc: 14.39 ng/ml



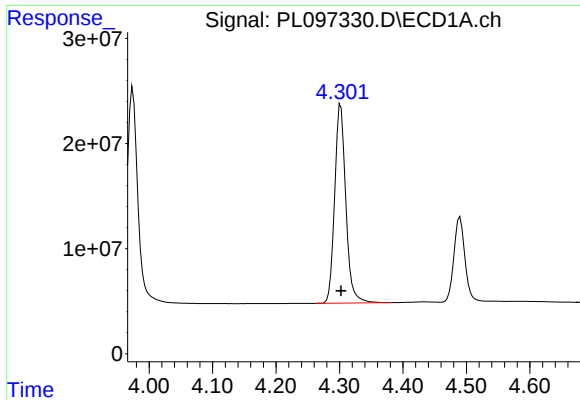
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 245520591
Conc: 35.14 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 357763212
Conc: 35.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 231164411
Conc: 34.96 ng/ml

Instrument :

ECD_L

ClientSampleId :

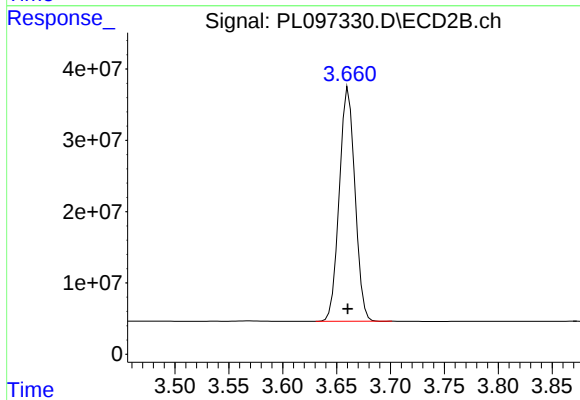
PB169766BSD

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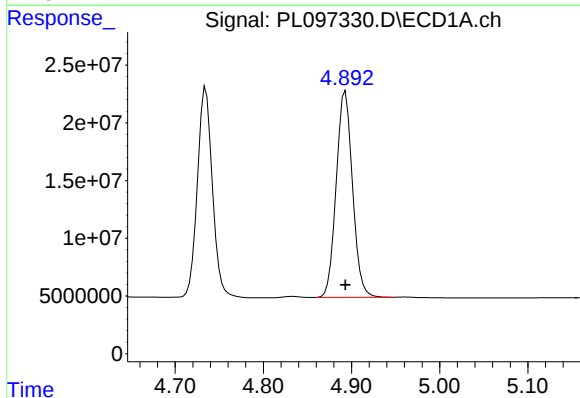
Reviewed By :Abdul Mirza 09/23/2025

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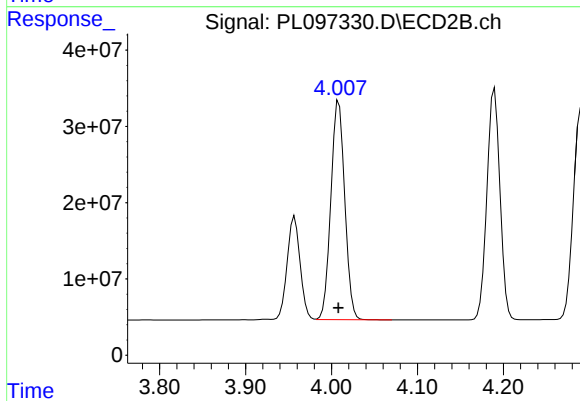
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 331969726
Conc: 35.64 ng/ml



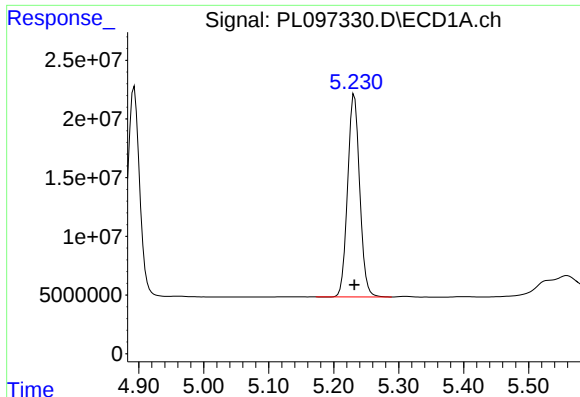
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 229608024
Conc: 34.42 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 321050809
Conc: 34.50 ng/ml



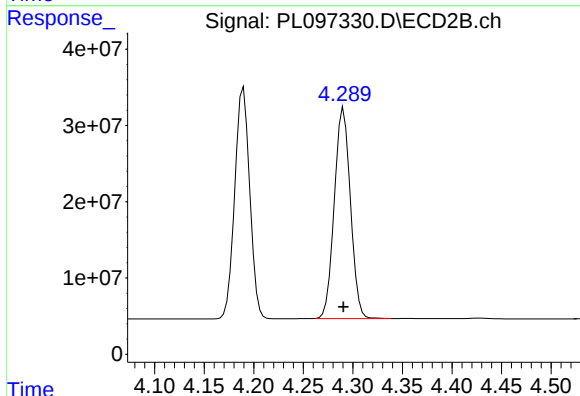
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 223580044
Conc: 35.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

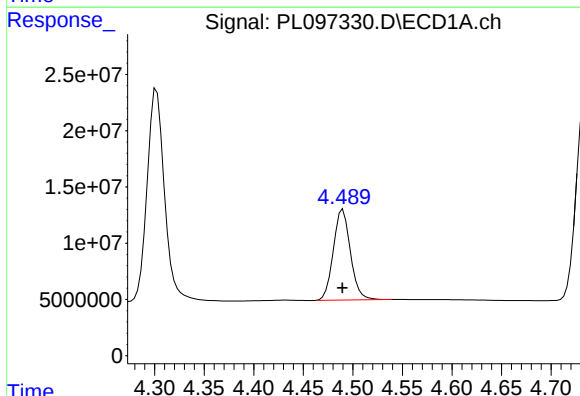
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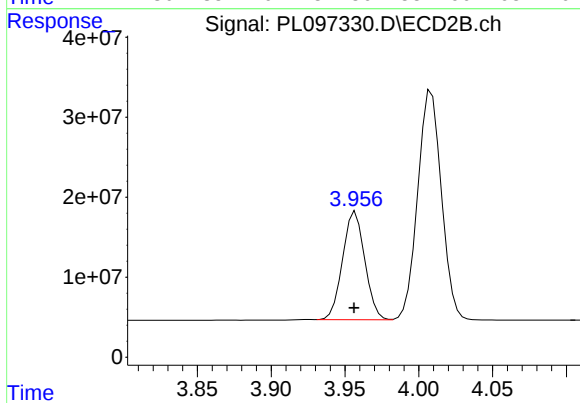
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 311903960
Conc: 35.94 ng/ml



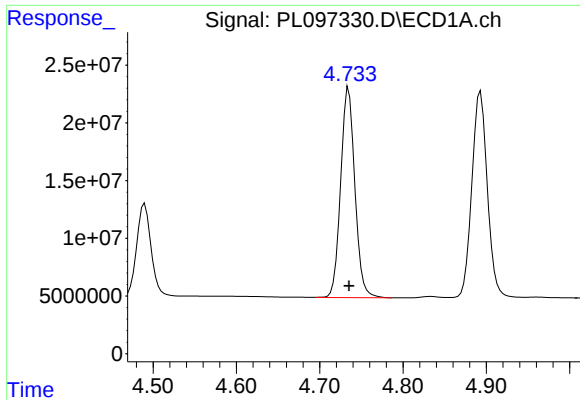
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 96623901
Conc: 35.44 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 141310041
Conc: 34.79 ng/ml



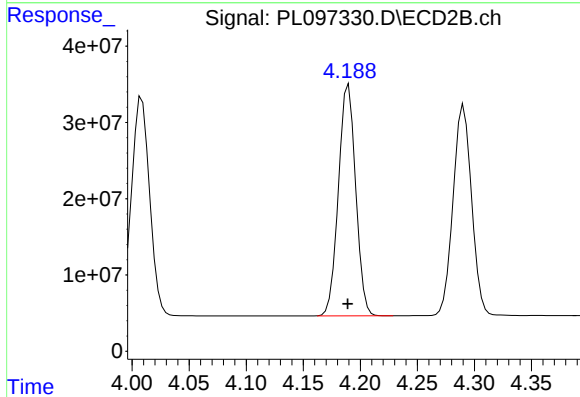
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 215640028
Conc: 35.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

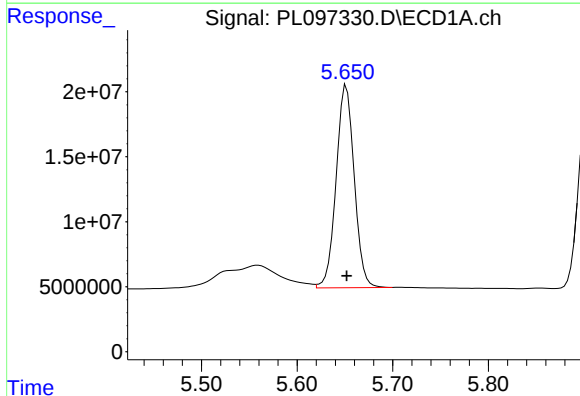
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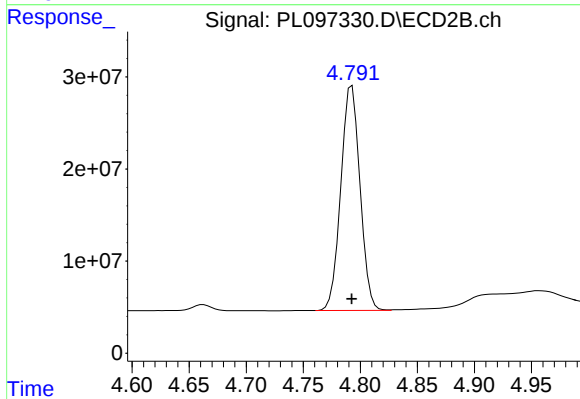
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 319432118
Conc: 34.75 ng/ml



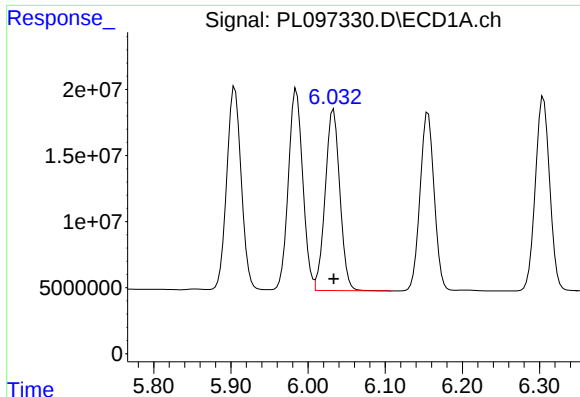
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 205091264
Conc: 35.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 286205176
Conc: 36.08 ng/ml



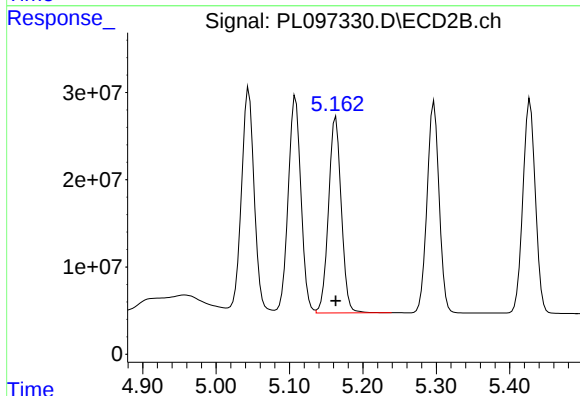
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 181623361
Conc: 35.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

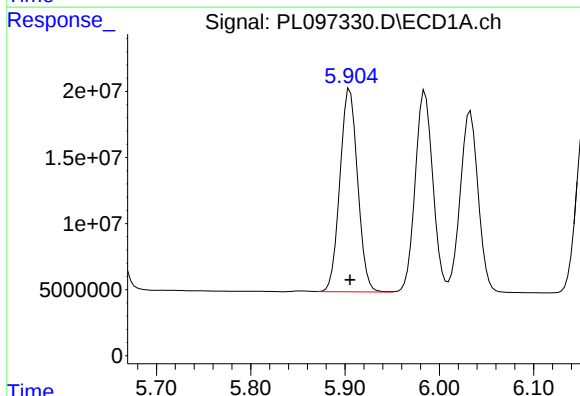
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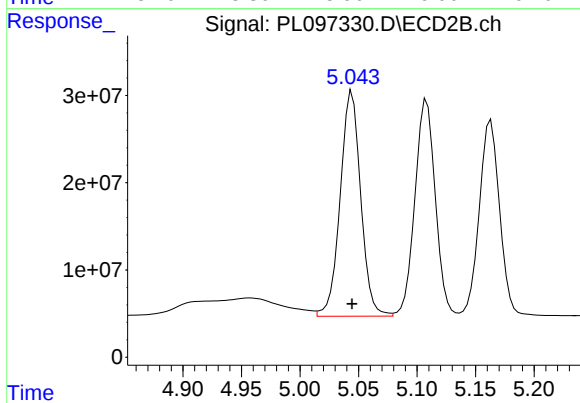
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 272125328
Conc: 35.42 ng/ml



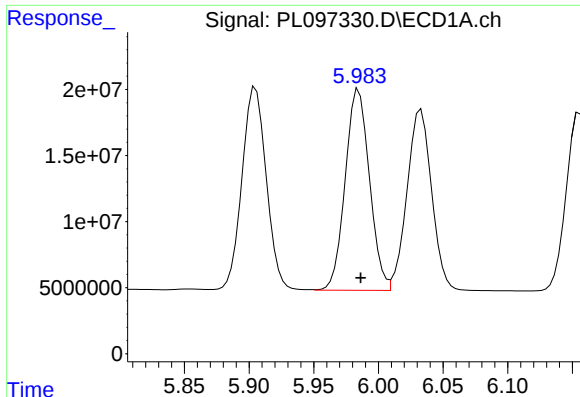
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 200831102
Conc: 35.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 314834861
Conc: 36.05 ng/ml



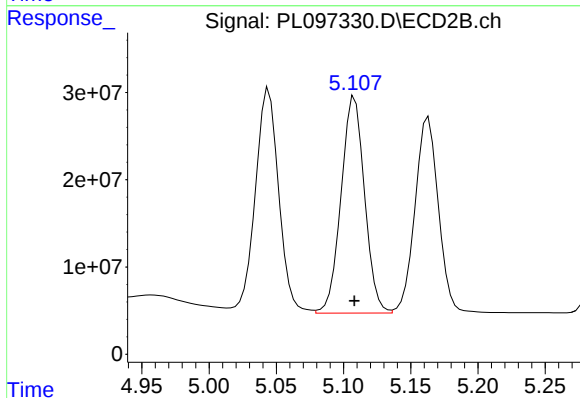
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 198219605
Conc: 34.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

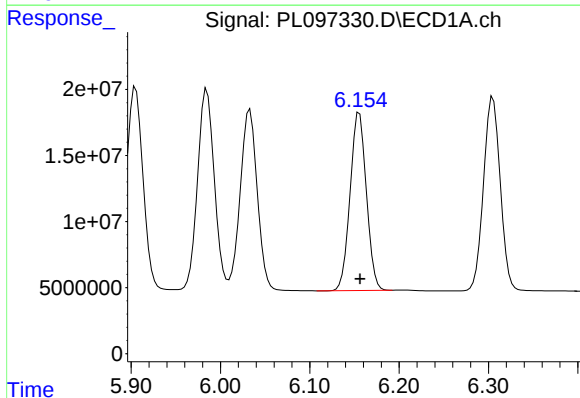
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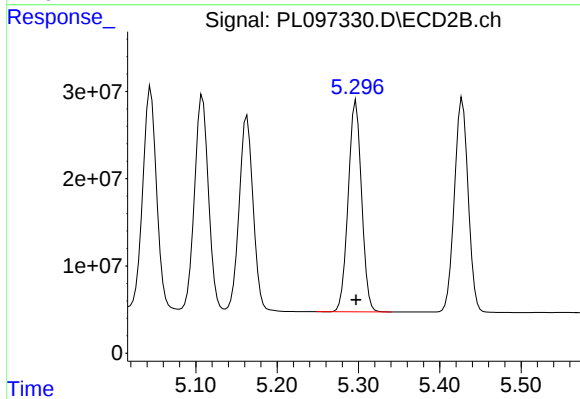
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 301313046
Conc: 36.30 ng/ml



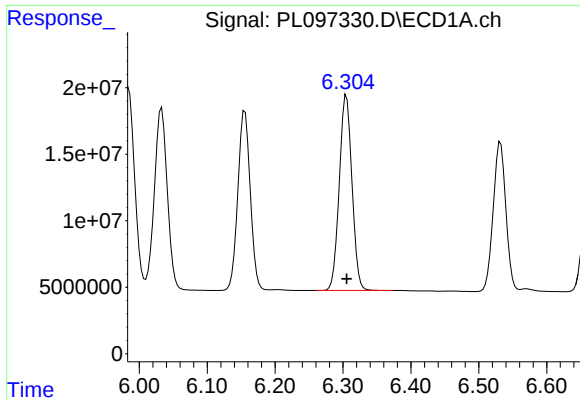
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 170448007
Conc: 35.77 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 276087062
Conc: 35.93 ng/ml



#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 191164199
Conc: 34.87 ng/ml

Instrument :

ECD_L

ClientSampleId :

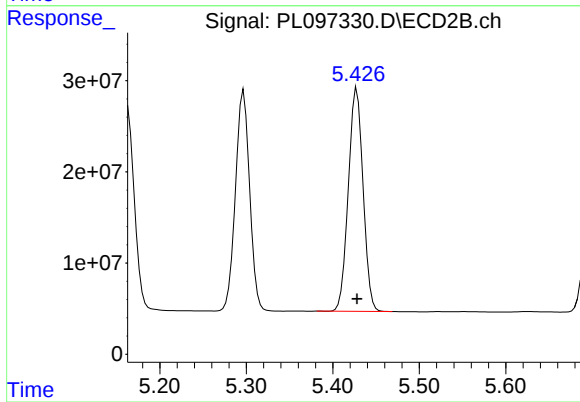
PB169766BSD

Manual Integrations

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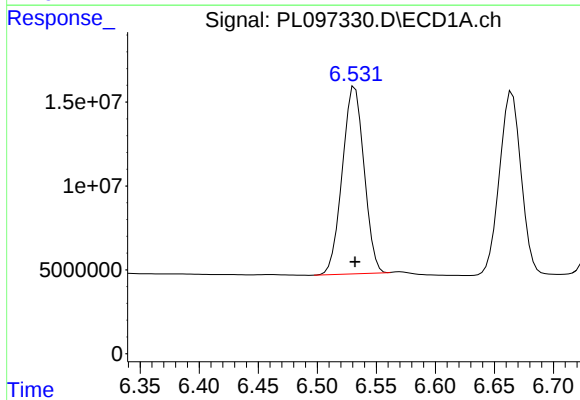
Reviewed By :Abdul Mirza 09/23/2025

Supervised By :mohammad ahmed 09/24/2025



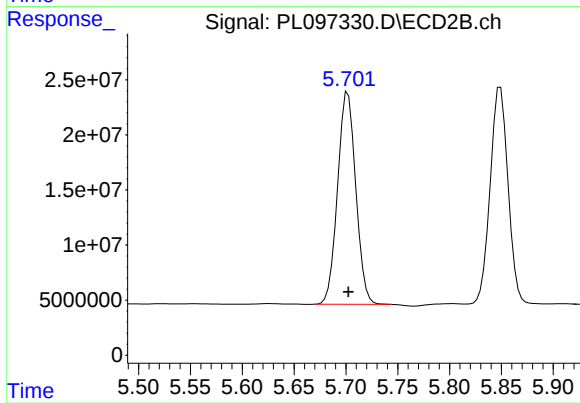
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 289131745
Conc: 35.36 ng/ml



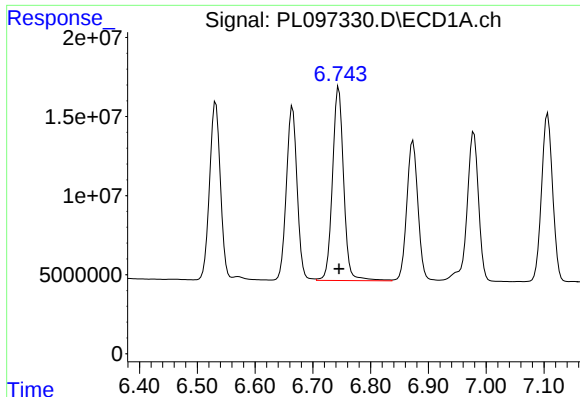
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 143246416
Conc: 31.05 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 235344544
Conc: 31.34 ng/ml



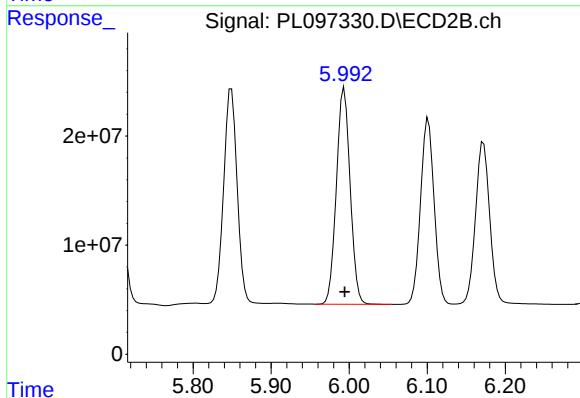
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 165301423
Conc: 33.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

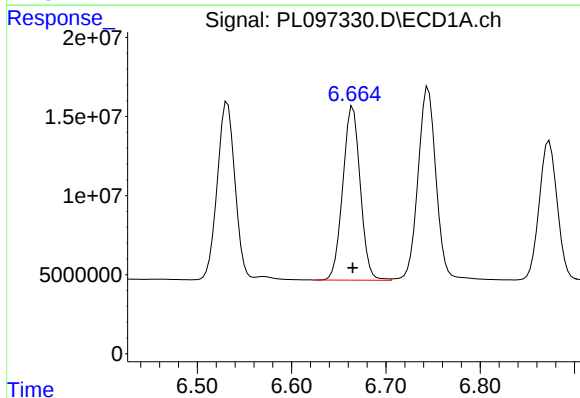
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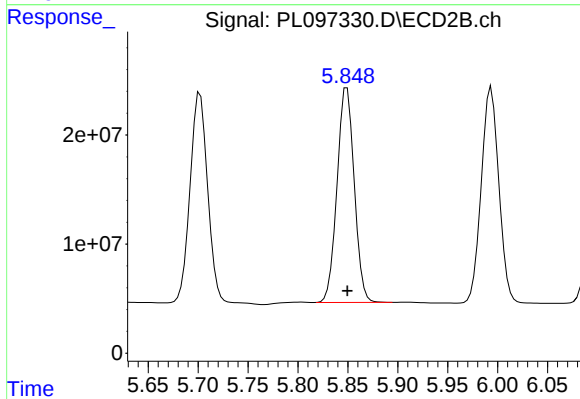
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 242920457
Conc: 34.17 ng/ml



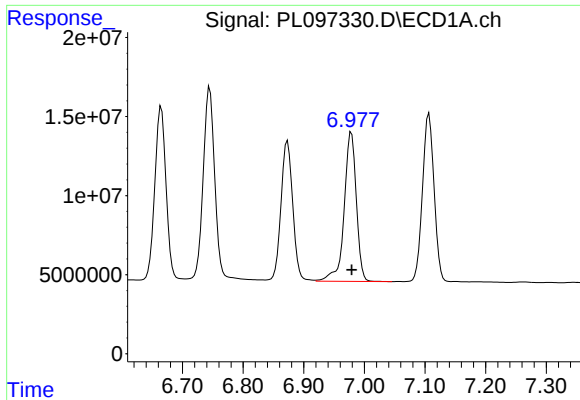
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 141661969
Conc: 37.57 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 236107234
Conc: 36.61 ng/ml



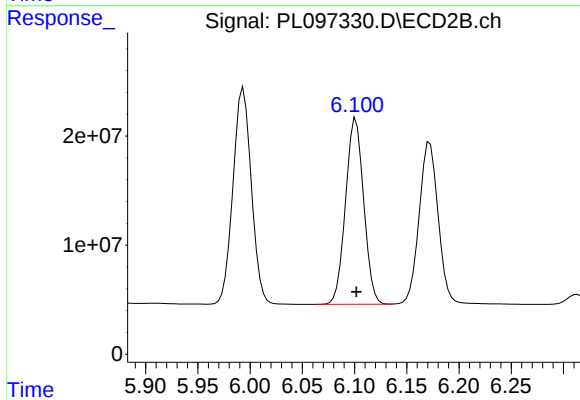
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 131665176
Conc: 31.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

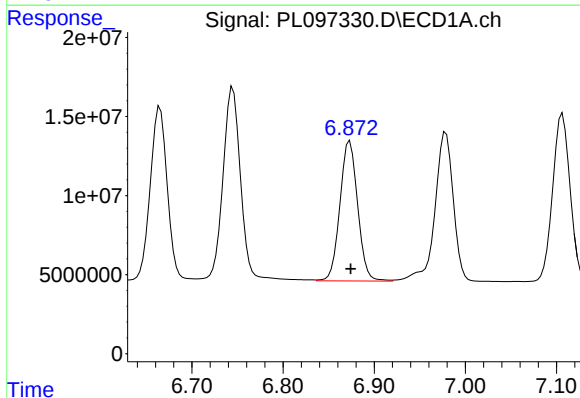
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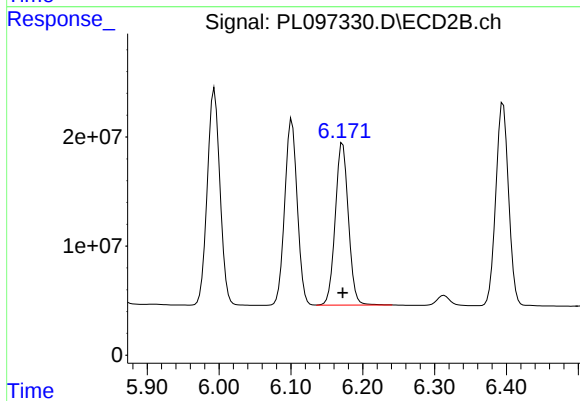
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 205894790
Conc: 29.75 ng/ml



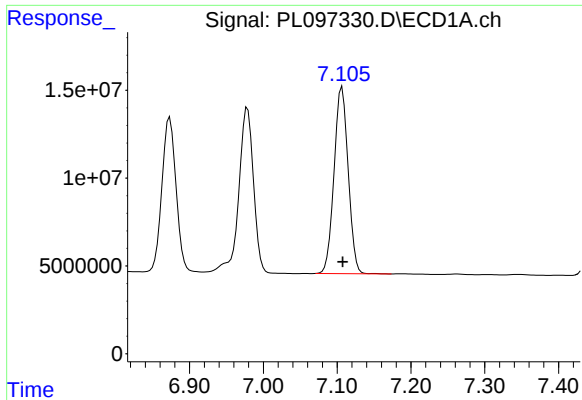
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 119654733
Conc: 38.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 188461315
Conc: 35.31 ng/ml



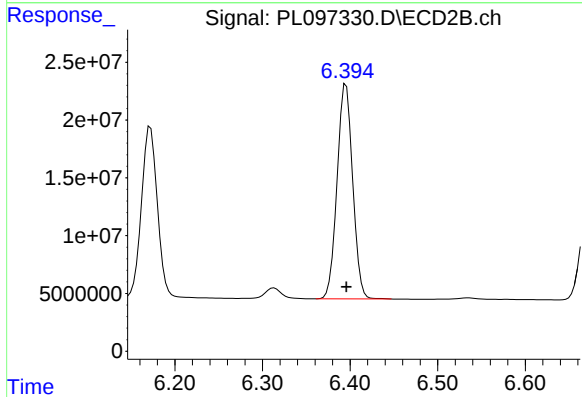
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 141437827
Conc: 34.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

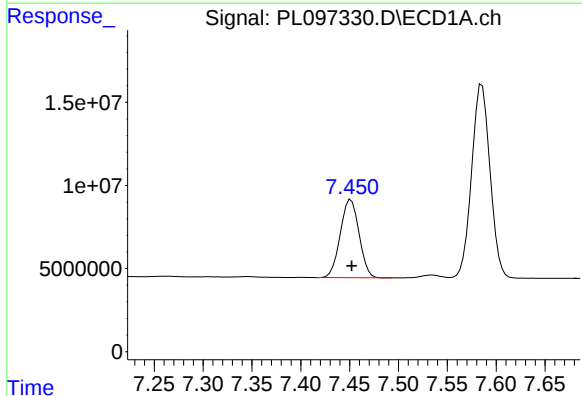
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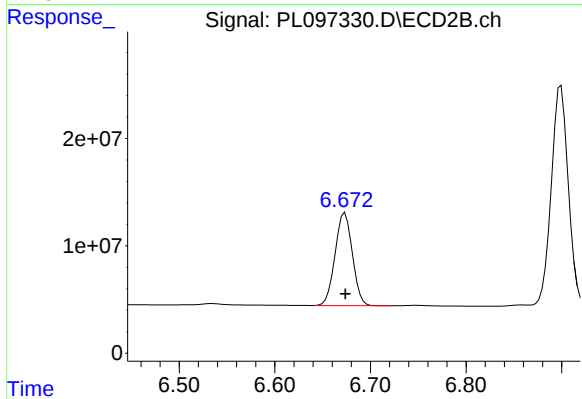
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 229862226
Conc: 33.56 ng/ml



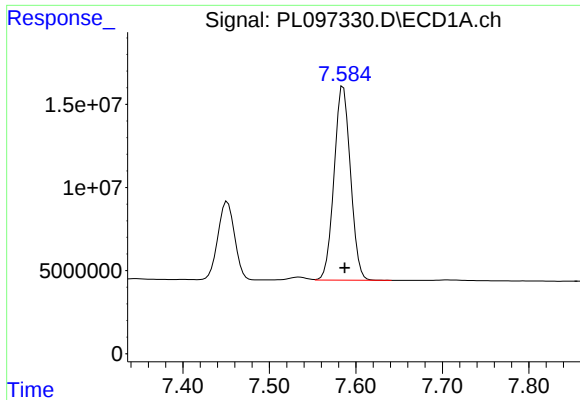
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: 0.000 min
Response: 62986932
Conc: 30.20 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 108503032
Conc: 28.78 ng/ml



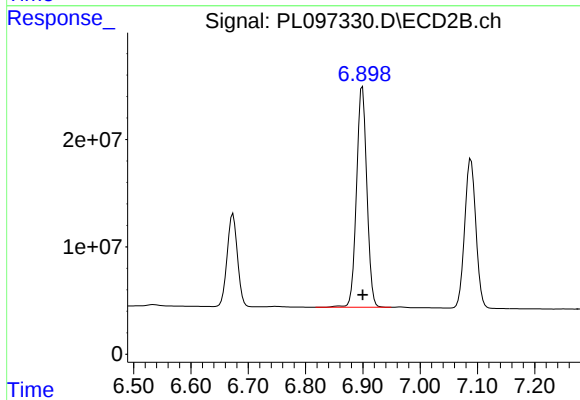
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 152854843
Conc: 36.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169766BSD

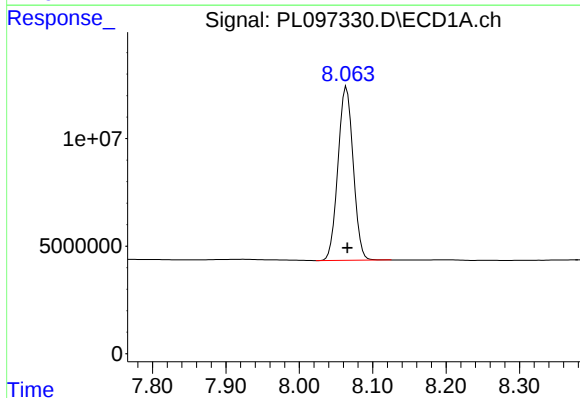
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



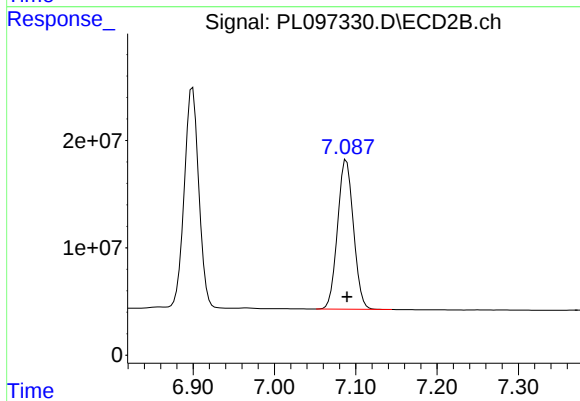
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 257473898
Conc: 34.19 ng/ml



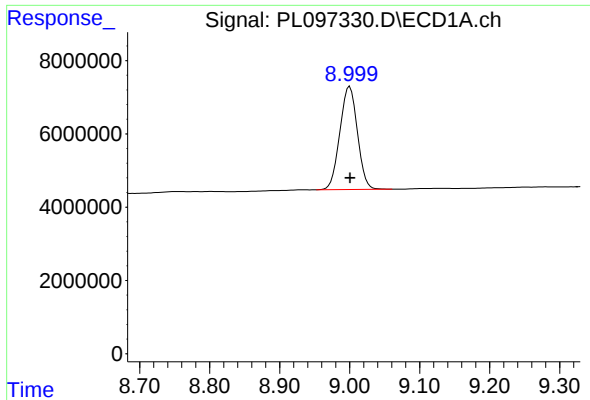
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 116304937
Conc: 32.76 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 188969024
Conc: 31.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 49043650
Conc: 14.99 ng/ml

Instrument :

ECD_L

ClientSampleId :

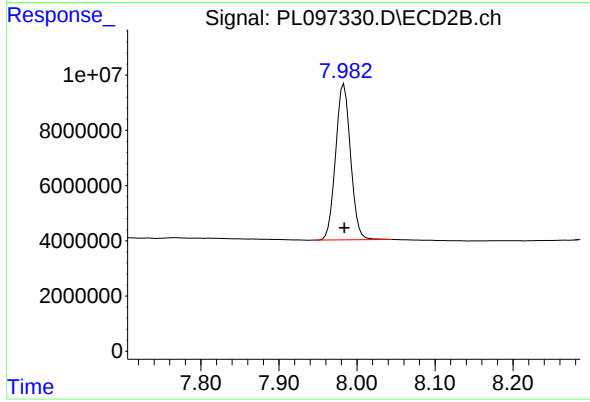
PB169766BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 75159277
Conc: 13.21 ng/ml