

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
 Data File : PL097859.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 18:28
 Operator : AR\AJ
 Sample : PB170940BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170940BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/16/2025
 Supervised By : Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:02:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.513	2.798	95639539	132.5E6	18.950	18.964
28)	SA Decachlor...	8.971	7.946	81195988	134.2E6	21.370	20.407
Target Compounds							
2)	A alpha-BHC	3.959	3.301	419.6E6	566.7E6	49.615	49.391
3)	MA gamma-BHC...	4.287	3.631	376.0E6	530.7E6	46.909	49.337
4)	MA Heptachlor	4.876	3.977	371.0E6	486.0E6	46.591	46.749
5)	MB Aldrin	5.215	4.258	360.2E6	489.8E6	49.722	49.522
6)	B beta-BHC	4.477f	3.927	160.4E6	223.0E6	47.894	48.109
7)	B delta-BHC	4.722	4.159	371.1E6	521.3E6	47.910	48.776
8)	B Heptachlo...	5.635	4.758	334.6E6	448.8E6	50.288	49.848
9)	A Endosulfan I	6.016f	5.129	291.5E6	444.1E6	49.510	43.587
10)	B gamma-Chl...	5.889	5.010	309.2E6	513.3E6	47.624	50.397
11)	B alpha-Chl...	5.968	5.074	319.9E6	487.4E6	49.275	47.527
12)	B 4,4'-DDE	6.140	5.263	286.5E6	450.5E6	48.778	51.125
13)	MA Dieldrin	6.288	5.393	312.1E6	473.7E6	50.867	50.555
14)	MA Endrin	6.514	5.667	247.8E6	406.5E6	47.850	48.642
15)	B Endosulfa...	6.729	5.959	238.4E6	412.3E6	46.651	49.811
16)	A 4,4'-DDD	6.649	5.815	229.4E6	391.1E6	49.525	52.134
17)	MA 4,4'-DDT	6.963	6.067	226.7E6	347.7E6	47.330	45.323
18)	B Endrin al...	6.857	6.137	187.6E6	310.9E6	47.609	48.694
19)	B Endosulfa...	7.089	6.360	234.1E6	405.8E6	47.230m	49.844
20)	A Methoxychlor	7.434	6.639	110.3E6	181.4E6	43.844m	43.412
21)	B Endrin ke...	7.569f	6.864	252.4E6	459.1E6	48.569	51.463
22)	Mirex	8.043	7.052	157.5E6	301.8E6	45.680m	46.753

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
Data File : PL097859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 18:28
Operator : AR\AJ
Sample : PB170940BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

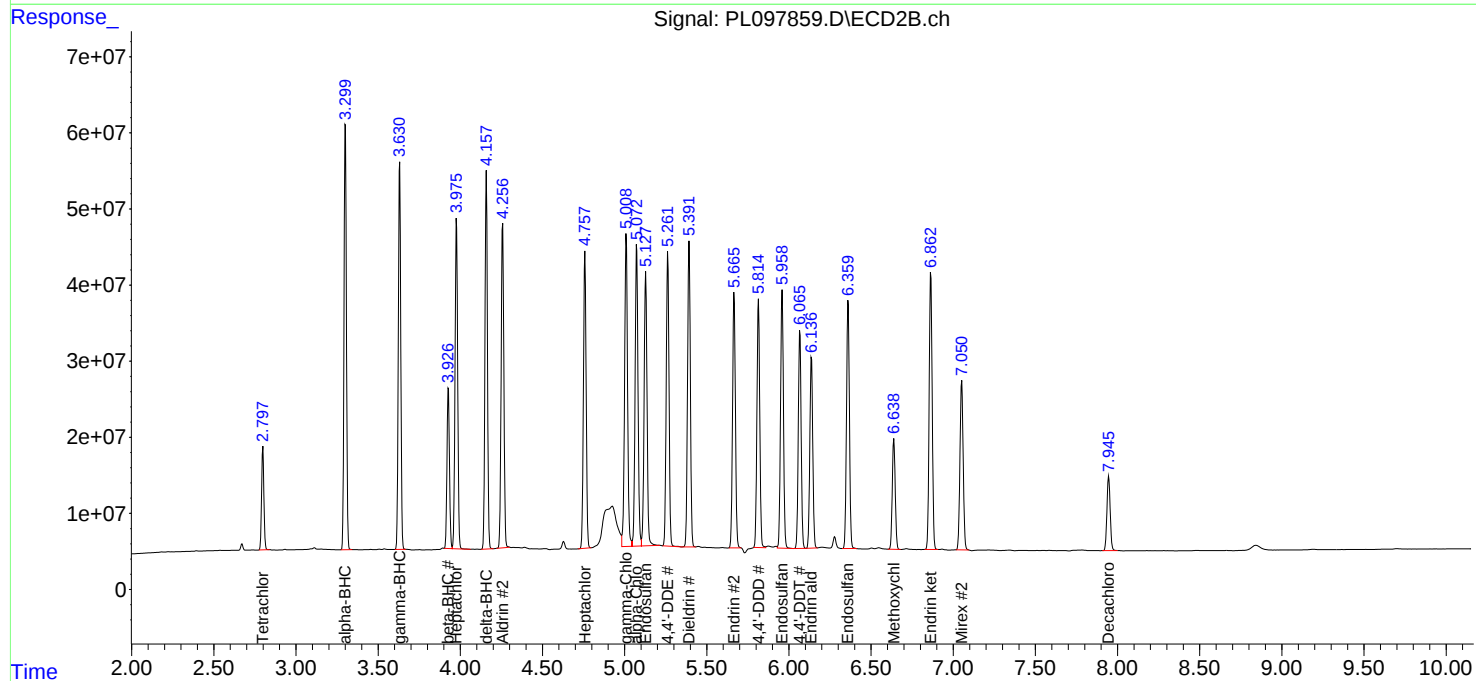
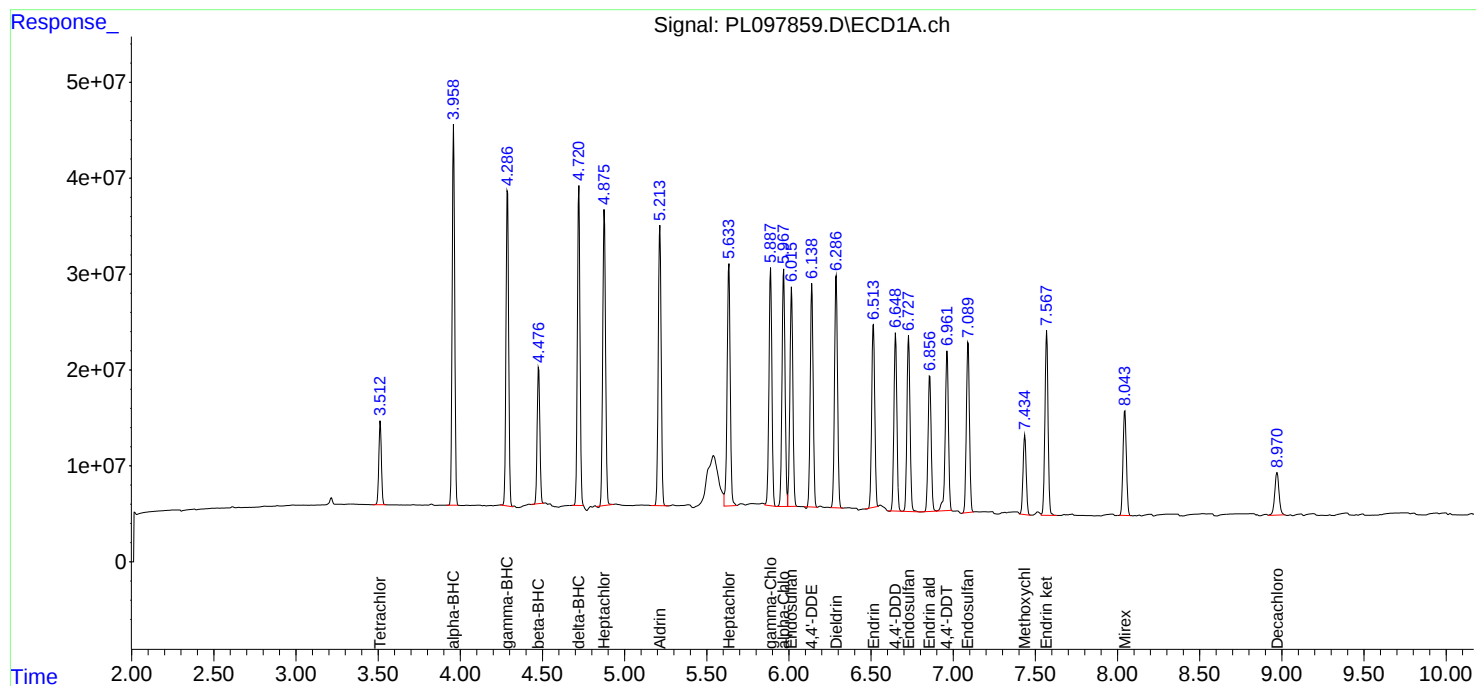
Instrument :
ECD_L
ClientSampleId :
PB170940BS

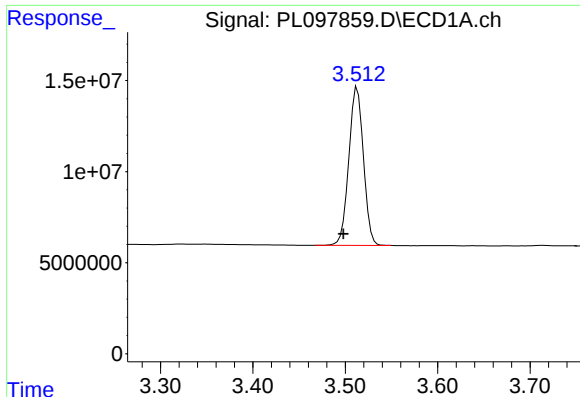
Manual Integrations
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Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





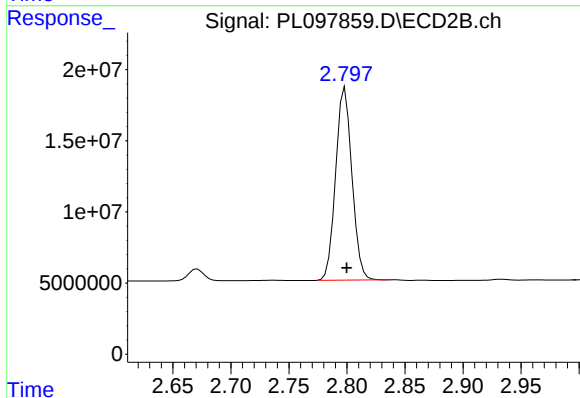
#1 Tetrachloro-m-xylene

R.T.: 3.513 min
Delta R.T.: 0.015 min
Response: 95639539
Conc: 18.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

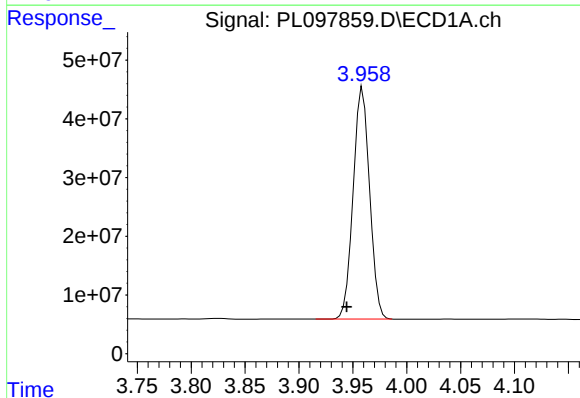
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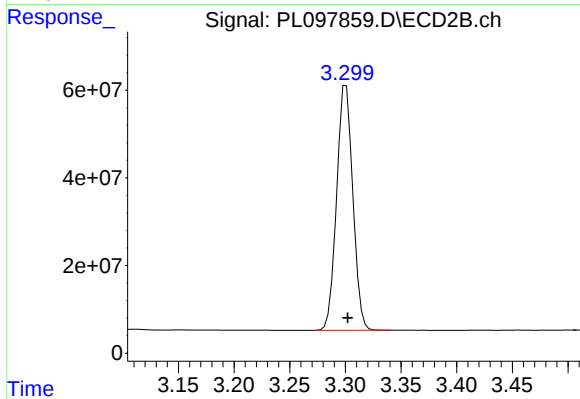
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: -0.001 min
Response: 132470708
Conc: 18.96 ng/ml



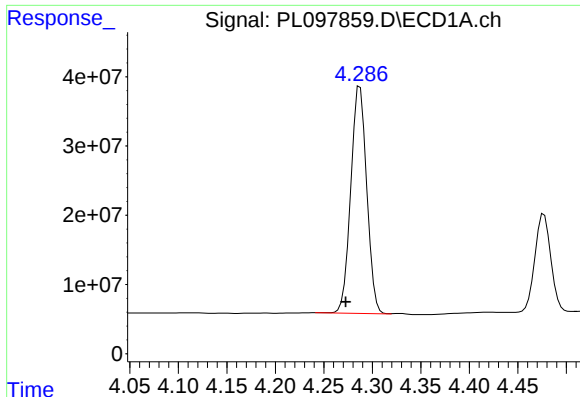
#2 alpha-BHC

R.T.: 3.959 min
Delta R.T.: 0.015 min
Response: 419583239
Conc: 49.62 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 566700267
Conc: 49.39 ng/ml



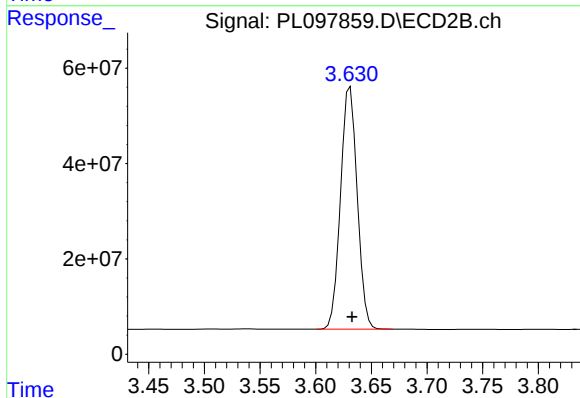
#3 gamma-BHC (Lindane)

R.T.: 4.287 min
Delta R.T.: 0.015 min
Response: 376046898
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

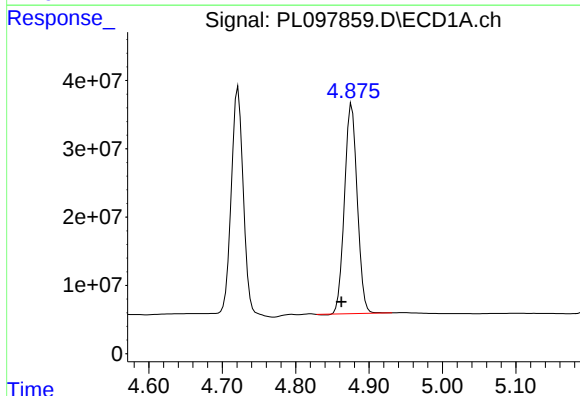
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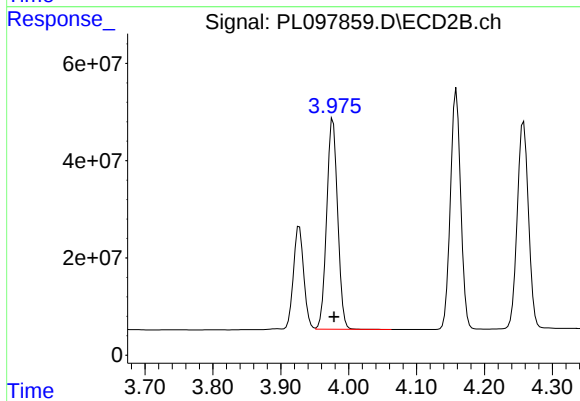
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.002 min
Response: 530665334
Conc: 49.34 ng/ml



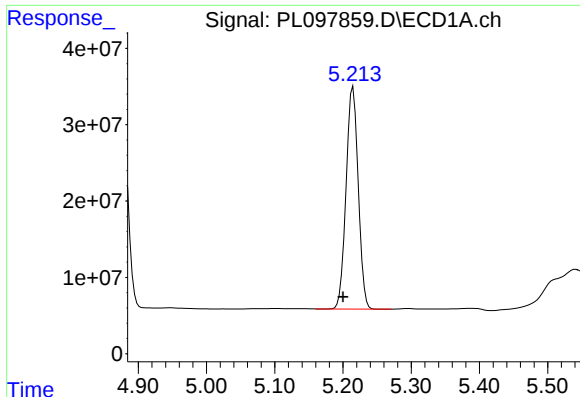
#4 Heptachlor

R.T.: 4.876 min
Delta R.T.: 0.014 min
Response: 370967209
Conc: 46.59 ng/ml



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.002 min
Response: 485963854
Conc: 46.75 ng/ml



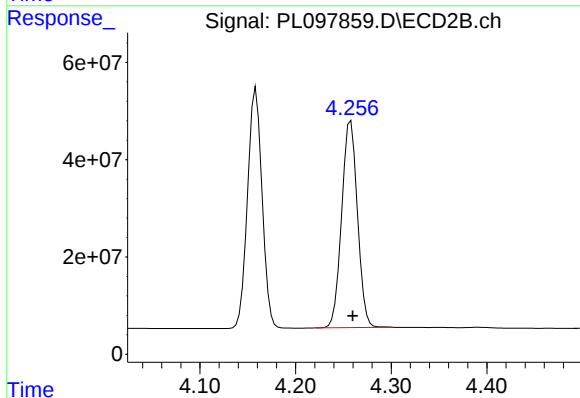
#5 Aldrin

R.T.: 5.215 min
Delta R.T.: 0.014 min
Response: 360208227
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

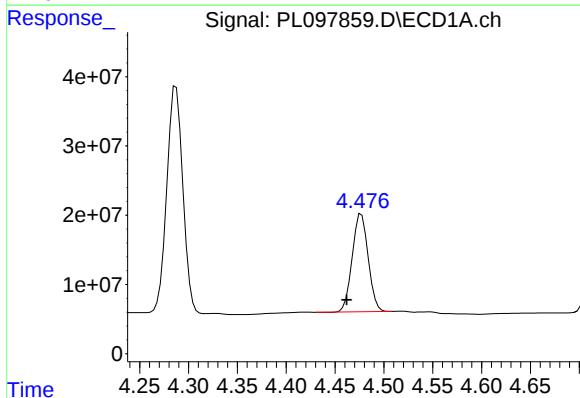
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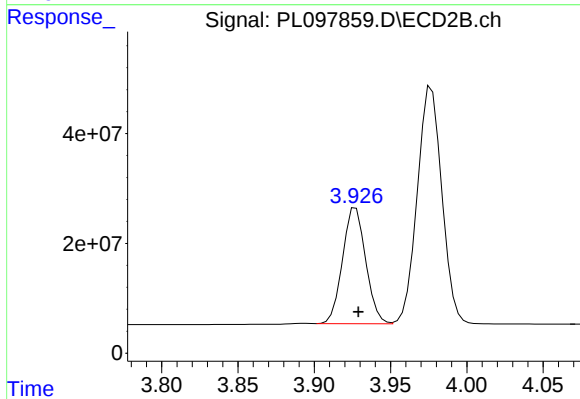
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 489751785
Conc: 49.52 ng/ml



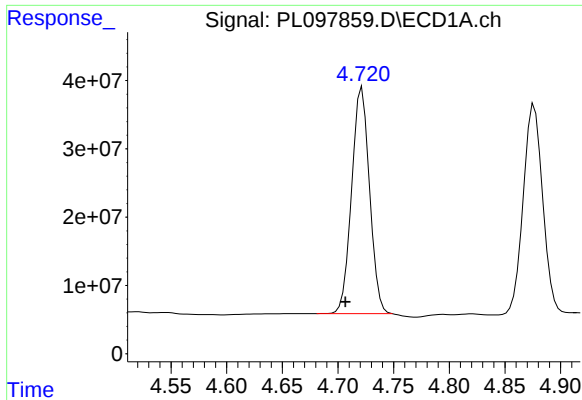
#6 beta-BHC

R.T.: 4.477 min
Delta R.T.: 0.015 min
Response: 160354247
Conc: 47.89 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: -0.002 min
Response: 223048307
Conc: 48.11 ng/ml



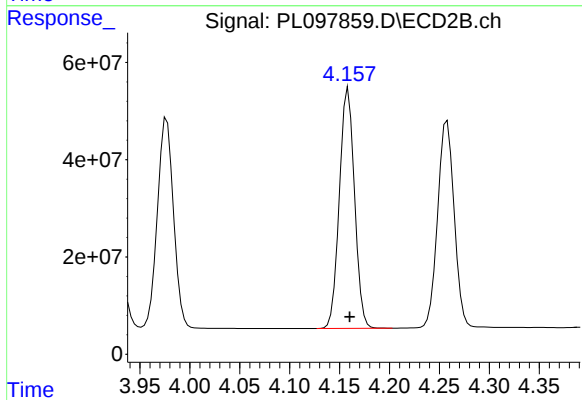
#7 delta-BHC

R.T.: 4.722 min
Delta R.T.: 0.015 min
Response: 371071874
Conc: 47.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

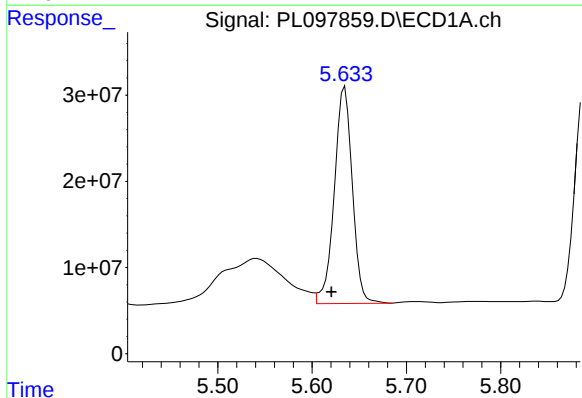
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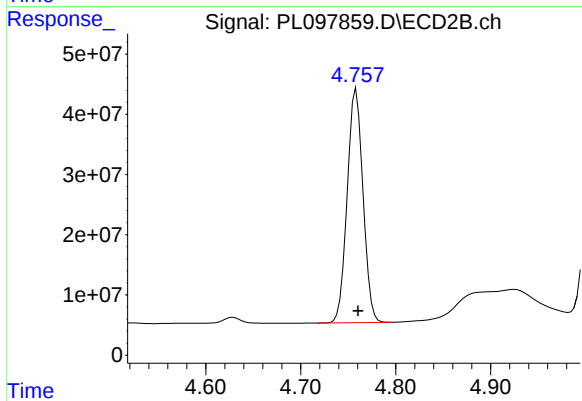
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.002 min
Response: 521281694
Conc: 48.78 ng/ml



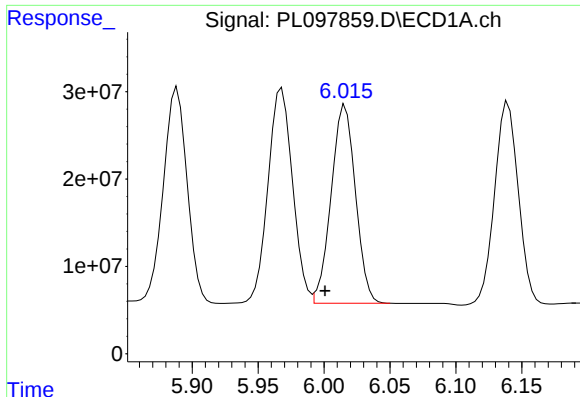
#8 Heptachlor epoxide

R.T.: 5.635 min
Delta R.T.: 0.014 min
Response: 334580999
Conc: 50.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: -0.002 min
Response: 448824252
Conc: 49.85 ng/ml



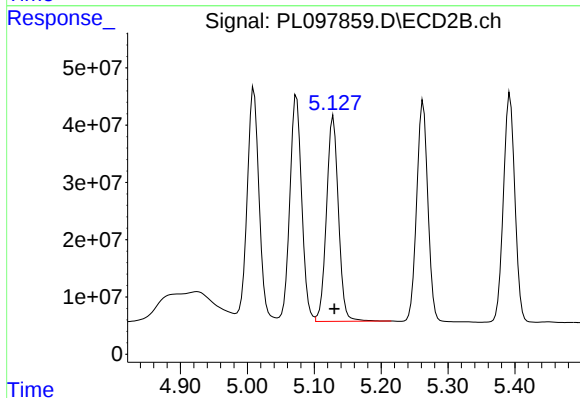
#9 Endosulfan I

R.T.: 6.016 min
Delta R.T.: 0.016 min
Response: 291490993
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

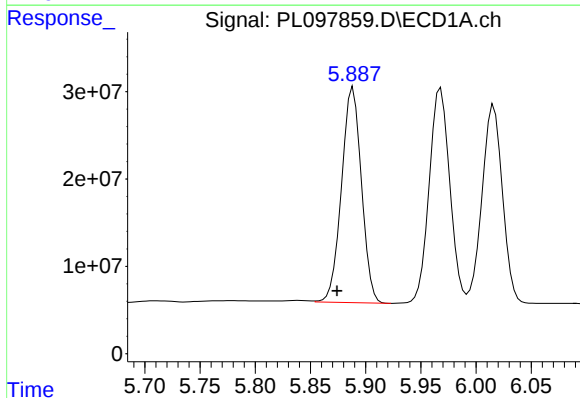
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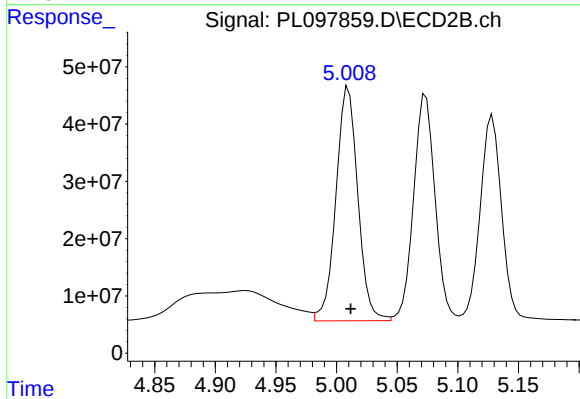
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 444078997
Conc: 43.59 ng/ml



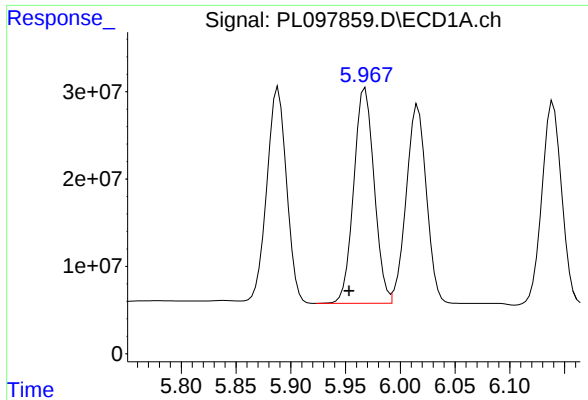
#10 gamma-Chlordane

R.T.: 5.889 min
Delta R.T.: 0.015 min
Response: 309153608
Conc: 47.62 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: -0.002 min
Response: 513302215
Conc: 50.40 ng/ml



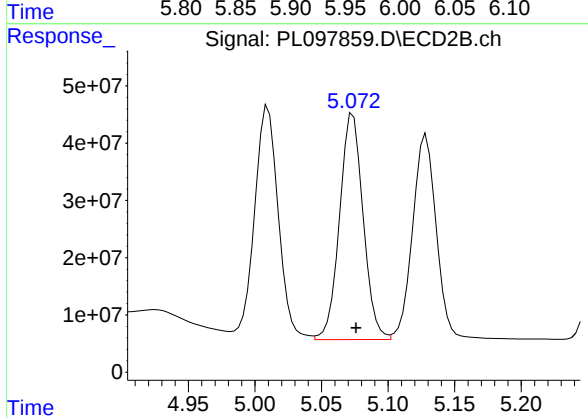
#11 alpha-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.015 min
Response: 319944392
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

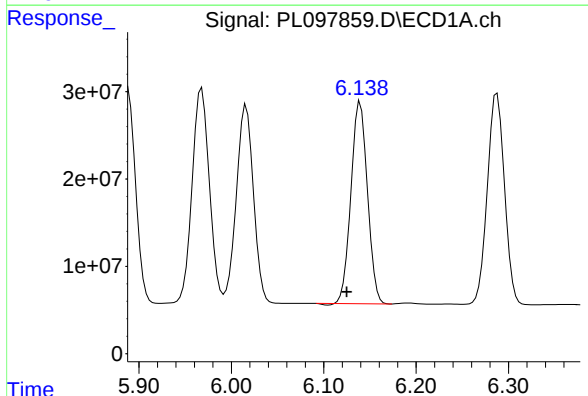
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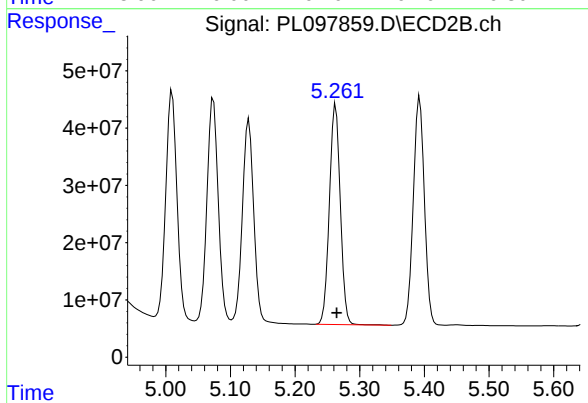
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 487379828
Conc: 47.53 ng/ml



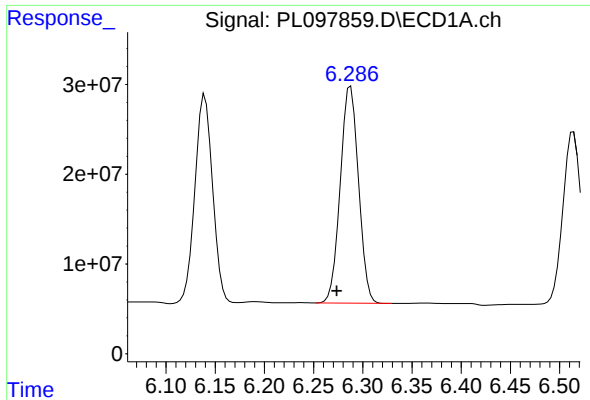
#12 4,4'-DDE

R.T.: 6.140 min
Delta R.T.: 0.015 min
Response: 286489042
Conc: 48.78 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 450453576
Conc: 51.13 ng/ml



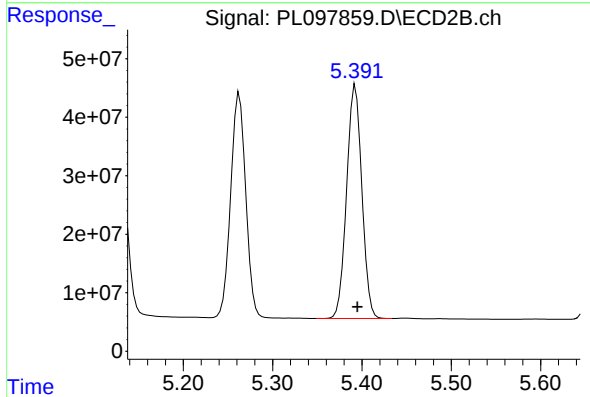
#13 Dieldrin

R.T.: 6.288 min
Delta R.T.: 0.014 min
Response: 312145961
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

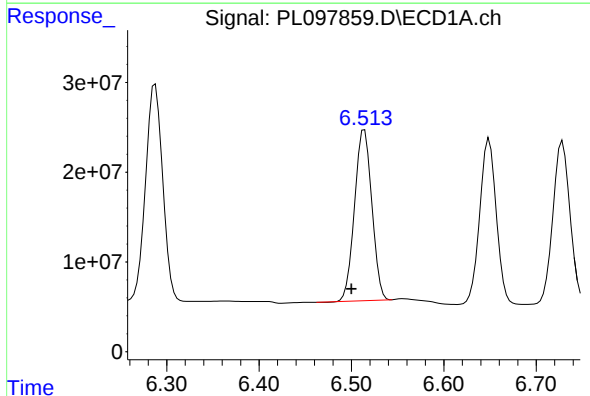
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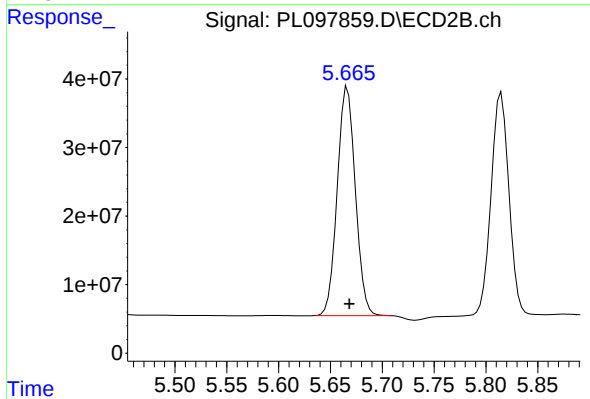
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 473728022
Conc: 50.56 ng/ml



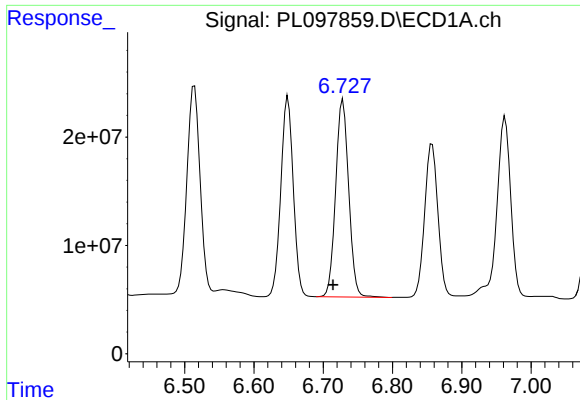
#14 Endrin

R.T.: 6.514 min
Delta R.T.: 0.014 min
Response: 247835332
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.002 min
Response: 406498758
Conc: 48.64 ng/ml



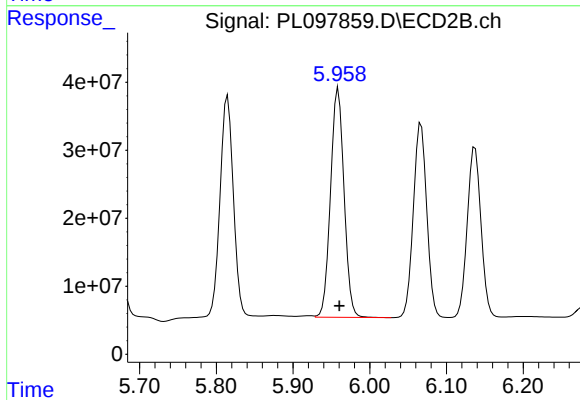
#15 Endosulfan II

R.T.: 6.729 min
Delta R.T.: 0.015 min
Response: 238388370
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

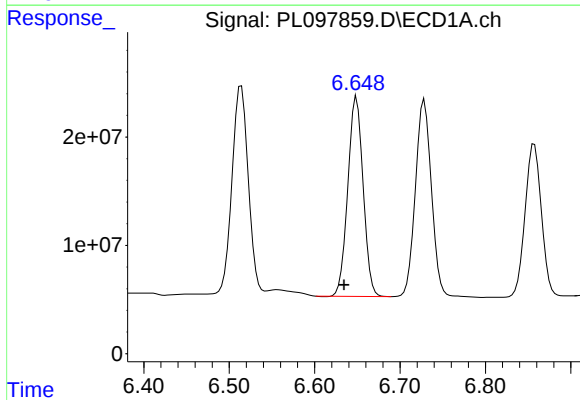
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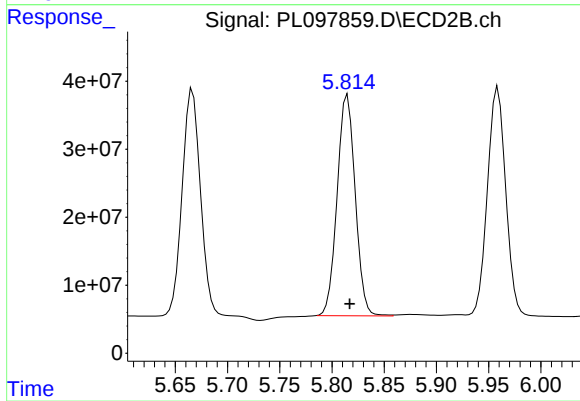
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.002 min
Response: 412285932
Conc: 49.81 ng/ml



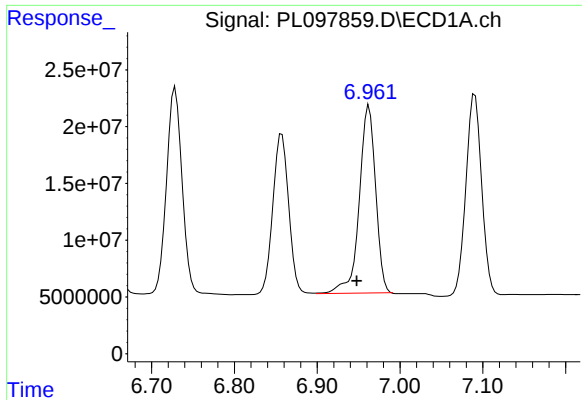
#16 4,4'-DDD

R.T.: 6.649 min
Delta R.T.: 0.014 min
Response: 229400540
Conc: 49.53 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 391060994
Conc: 52.13 ng/ml



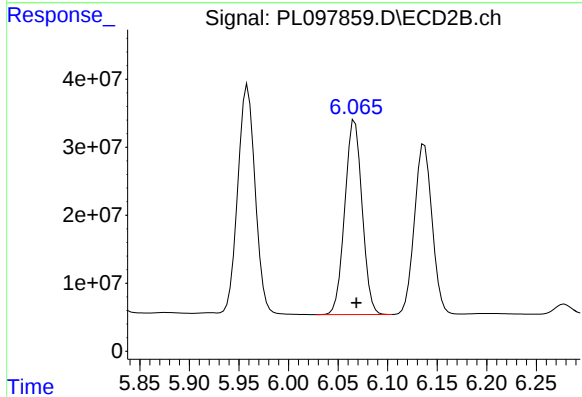
#17 4,4'-DDT

R.T.: 6.963 min
Delta R.T.: 0.015 min
Response: 226723680
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

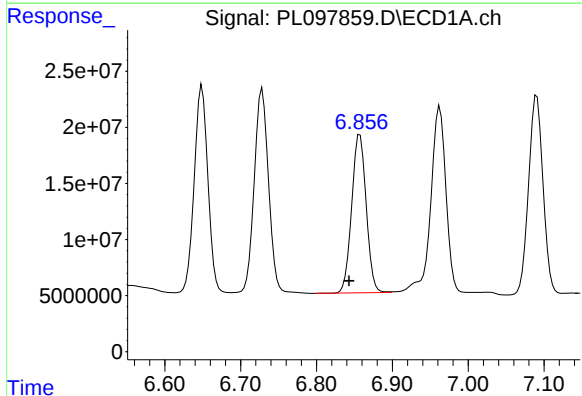
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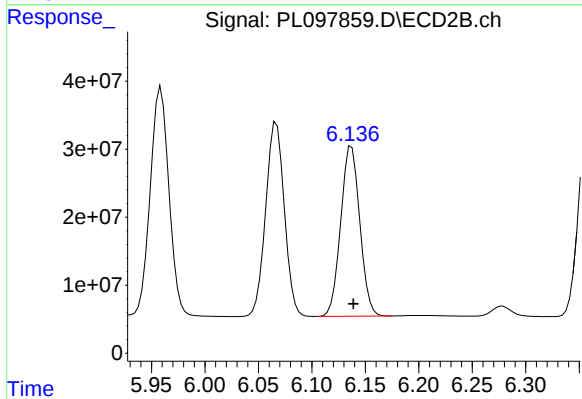
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 347659463
Conc: 45.32 ng/ml



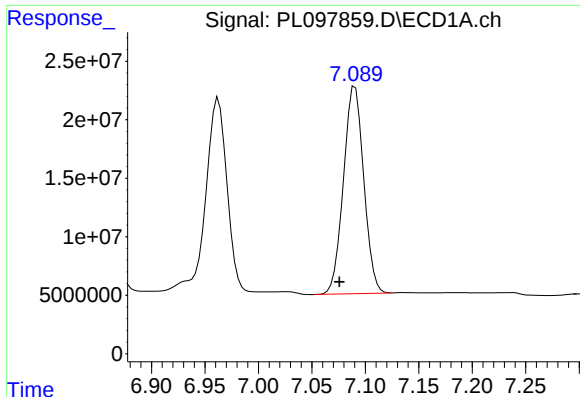
#18 Endrin aldehyde

R.T.: 6.857 min
Delta R.T.: 0.015 min
Response: 187594190
Conc: 47.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 310915380
Conc: 48.69 ng/ml



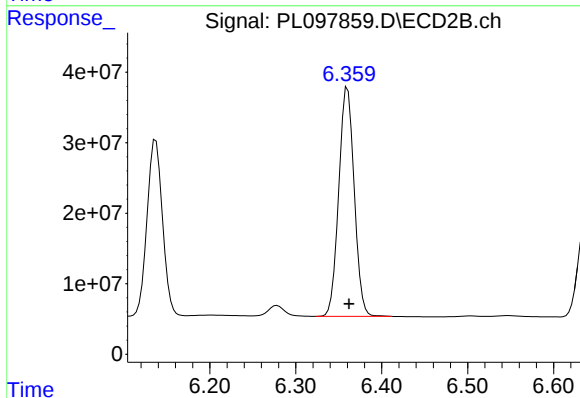
#19 Endosulfan Sulfate

R.T.: 7.089 min
Delta R.T.: 0.013 min
Response: 234137648
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

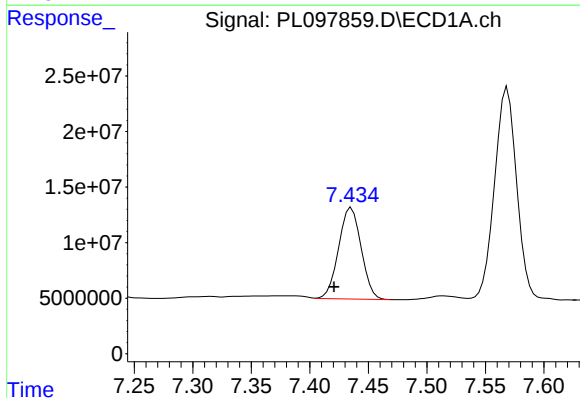
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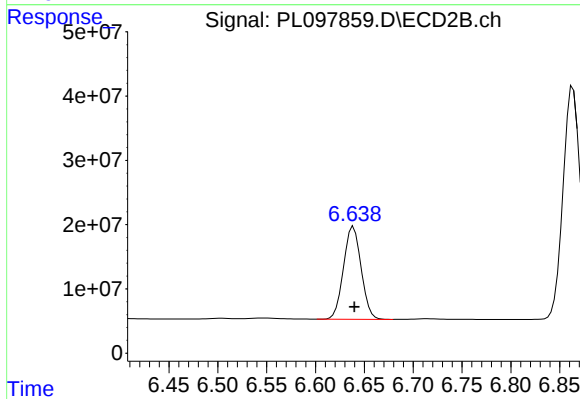
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 405778192
Conc: 49.84 ng/ml



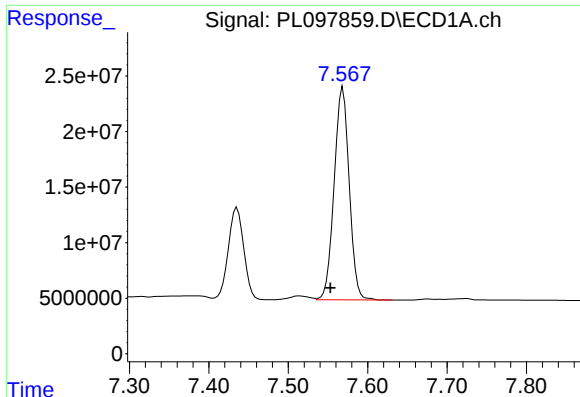
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.013 min
Response: 110349600
Conc: 43.84 ng/ml m



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 181418362
Conc: 43.41 ng/ml



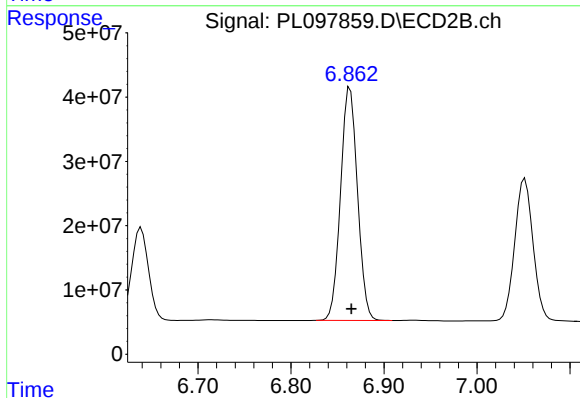
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: 0.016 min
Response: 252394066
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

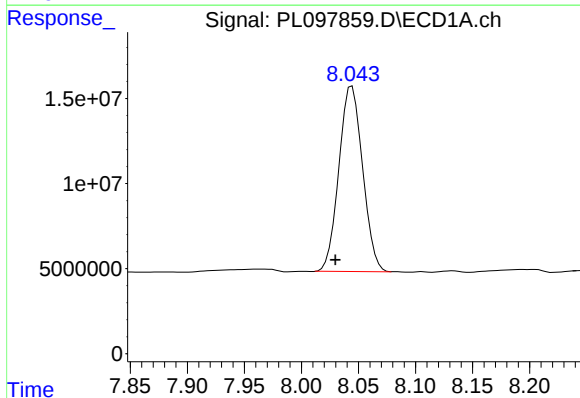
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



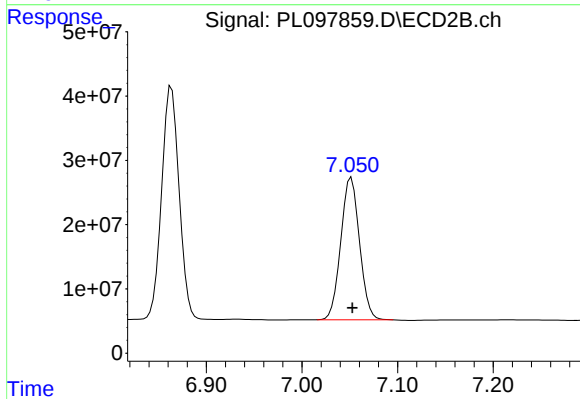
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 459100989
Conc: 51.46 ng/ml



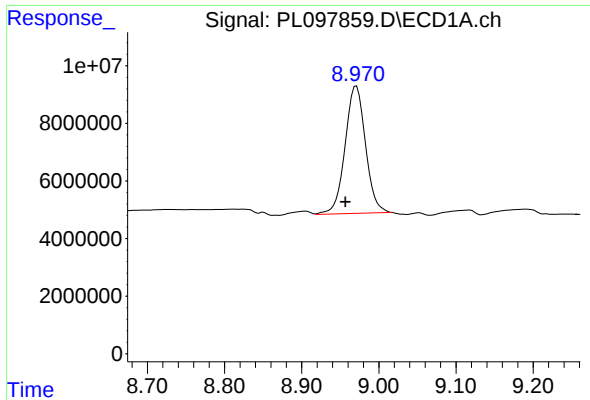
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.013 min
Response: 157547089
Conc: 45.68 ng/ml m



#22 Mirex

R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 301806538
Conc: 46.75 ng/ml



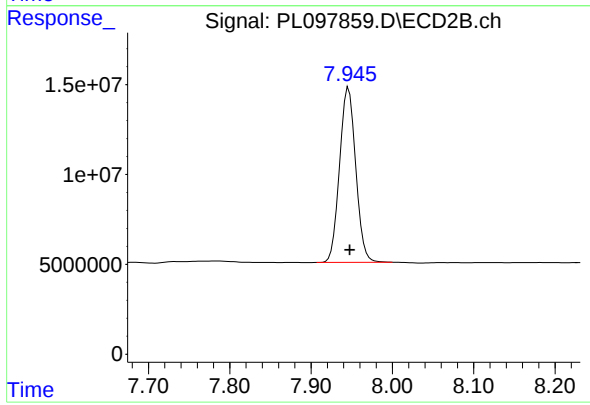
#28 Decachlorobiphenyl

R.T.: 8.971 min
Delta R.T.: 0.014 min
Response: 81195988
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170940BS

Manual Integrations
APPROVED

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Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.001 min
Response: 134196332
Conc: 20.41 ng/ml