

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 00:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 01:51:24 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...	3.527	2.824	246.4E6	352.9E6	54.430	53.667
28)	SA Decachlor...	8.999	7.983	168.0E6	258.2E6	51.345	45.360
Target Compounds							
2)	A alpha-BHC	3.974	3.329	385.7E6	547.8E6	55.205	55.011
3)	MA gamma-BHC...	4.301	3.661	359.1E6	505.4E6	54.296	54.255
4)	MA Heptachlor	4.892	4.008	340.5E6	477.0E6	51.042	51.266
5)	MB Aldrin	5.232	4.290	335.1E6	465.2E6	52.912	53.598
6)	B beta-BHC	4.489	3.957	148.2E6	213.5E6	54.367	52.550
7)	B delta-BHC	4.733	4.189	338.2E6	494.7E6	55.740m	53.812
8)	B Heptachlo...	5.651	4.792	302.5E6	416.8E6	52.630	52.555
9)	A Endosulfan I	6.032	5.163	269.4E6	386.9E6	52.002	50.349
10)	B gamma-Chl...	5.905	5.044	300.6E6	453.9E6	53.175	51.965
11)	B alpha-Chl...	5.985	5.108	295.1E6	433.6E6	51.958	52.232
12)	B 4,4'-DDE	6.156	5.297	258.7E6	399.5E6	54.289	51.982
13)	MA Dieldrin	6.305	5.428	286.3E6	424.7E6	52.216	51.938
14)	MA Endrin	6.531	5.702	225.4E6	360.1E6	48.869	47.953
15)	B Endosulfa...	6.744	5.994	244.9E6	354.6E6	49.800	49.877
16)	A 4,4'-DDD	6.664	5.849	214.9E6	344.9E6	56.990	53.475
17)	MA 4,4'-DDT	6.978	6.101	195.4E6	306.4E6	46.235	44.275
18)	B Endrin al...	6.873	6.172	160.8E6	247.7E6	52.174	46.416
19)	B Endosulfa...	7.107	6.395	210.4E6	332.9E6	51.530	48.603
20)	A Methoxychlor	7.451	6.673	92934830	157.7E6	44.565	41.836
21)	B Endrin ke...	7.586	6.899	223.1E6	366.2E6	52.564	48.627
22)	Mirex	8.064	7.088	168.3E6	274.7E6	47.413	45.941

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
Data File : PL097355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 00:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

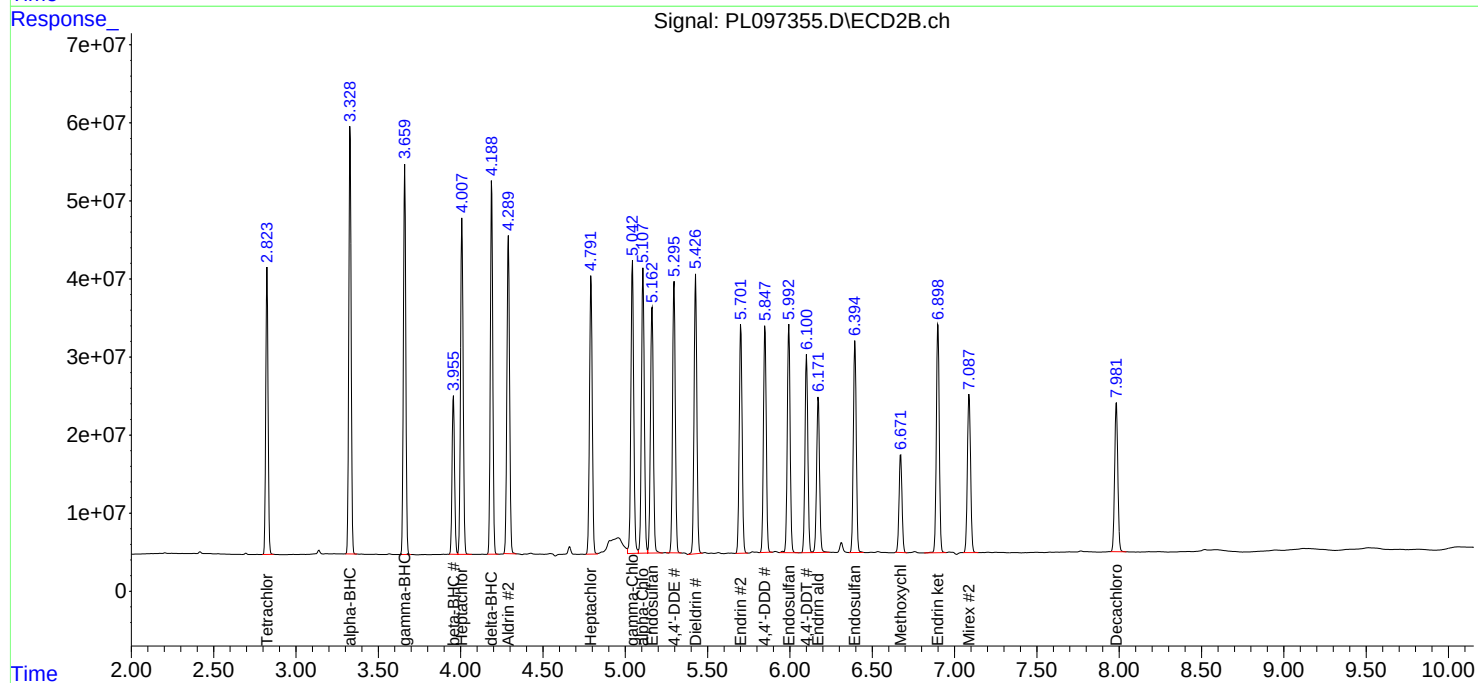
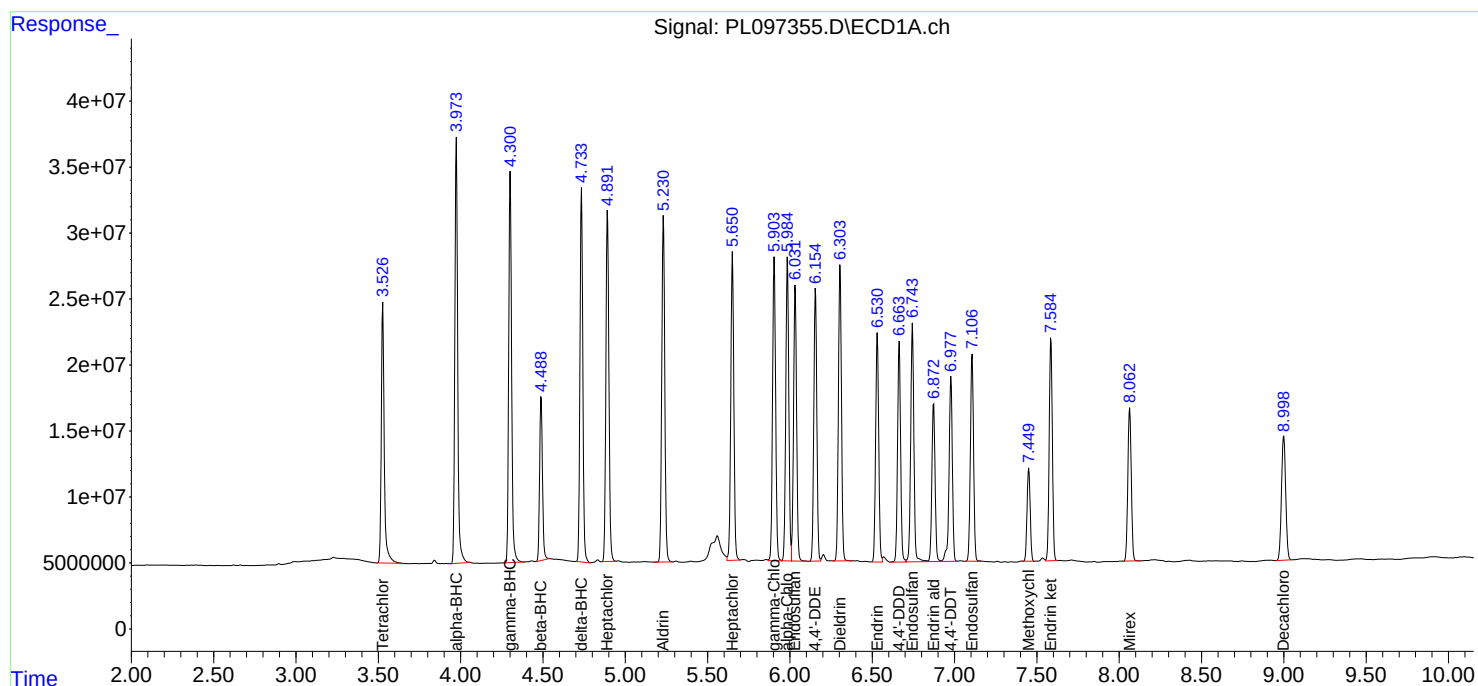
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

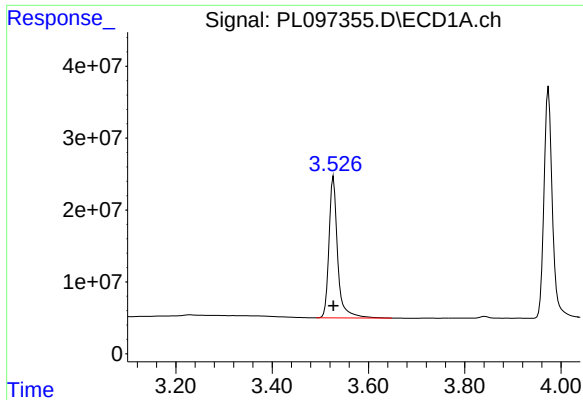
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:51:24 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.: 3.527 min
Delta R.T.: 0.000 min
Response: 246414406
Conc: 54.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

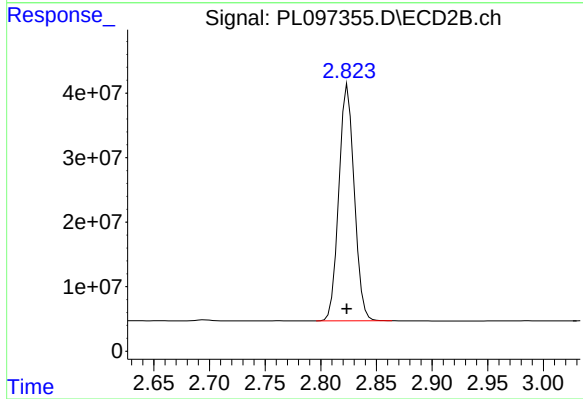
PSTDCCC050

Manual Integrations

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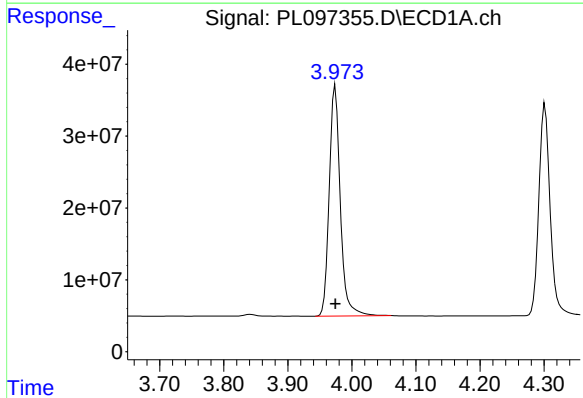
Reviewed By :Abdul Mirza 09/23/2025

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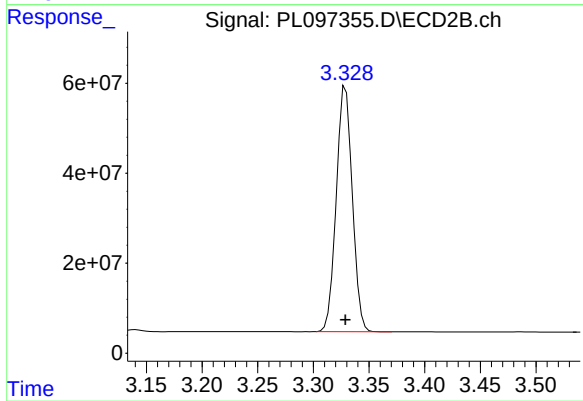
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 352890738
Conc: 53.67 ng/ml



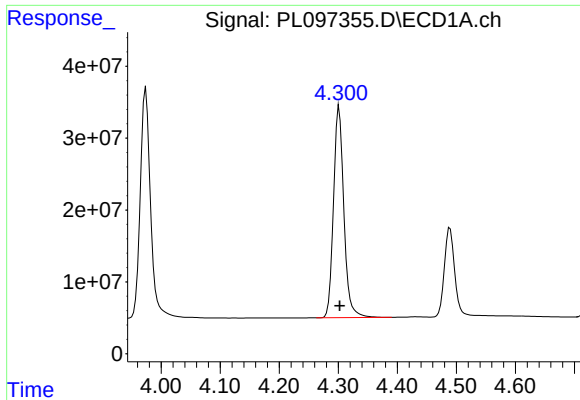
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 385744597
Conc: 55.21 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 547775886
Conc: 55.01 ng/ml



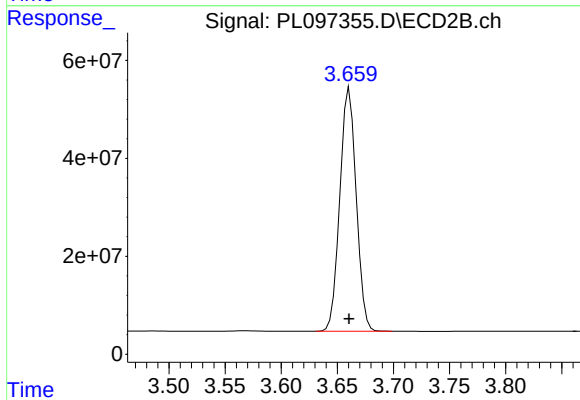
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 359064682
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

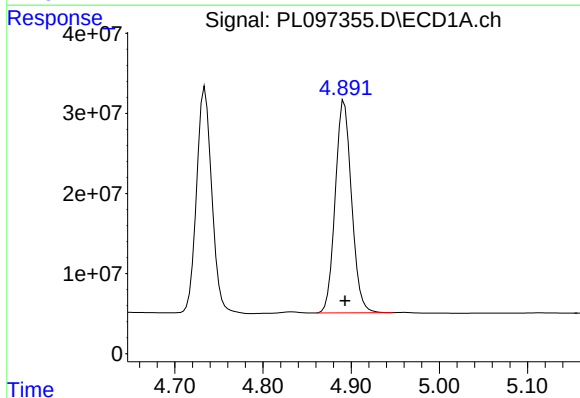
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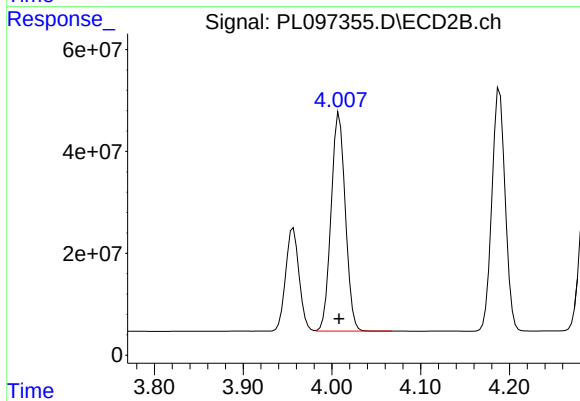
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 505362776
Conc: 54.25 ng/ml



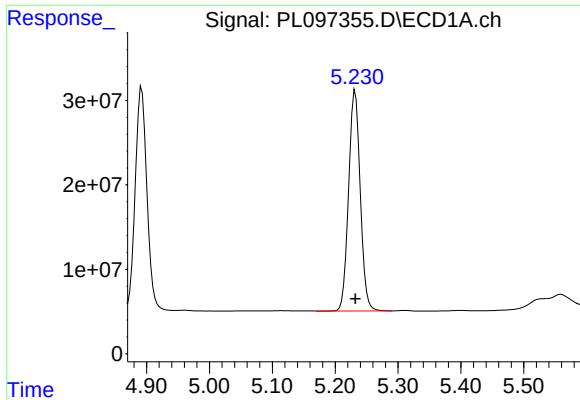
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 340457253
Conc: 51.04 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 477040876
Conc: 51.27 ng/ml



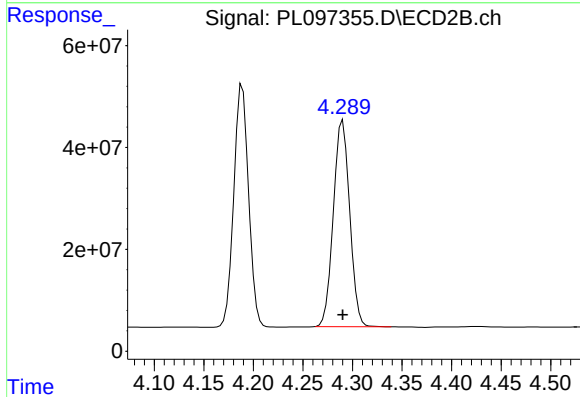
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 335135825
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

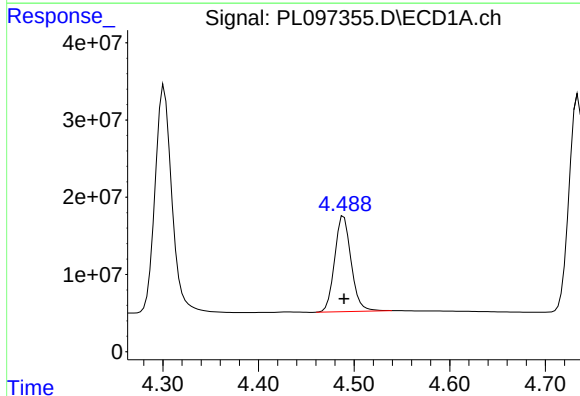
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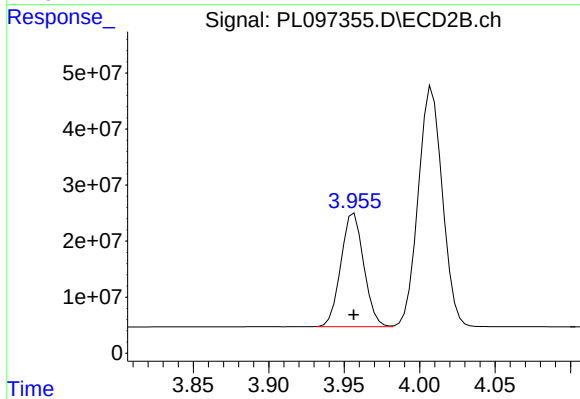
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 465190640
Conc: 53.60 ng/ml



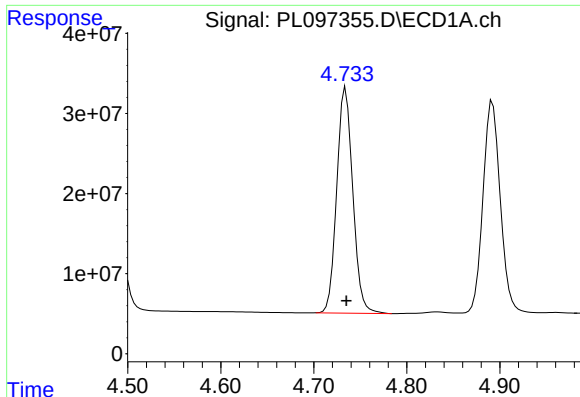
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 148215087
Conc: 54.37 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 213458349
Conc: 52.55 ng/ml



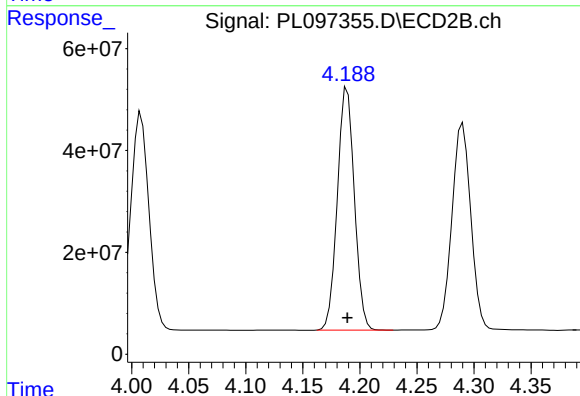
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 338248659
Conc: 55.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

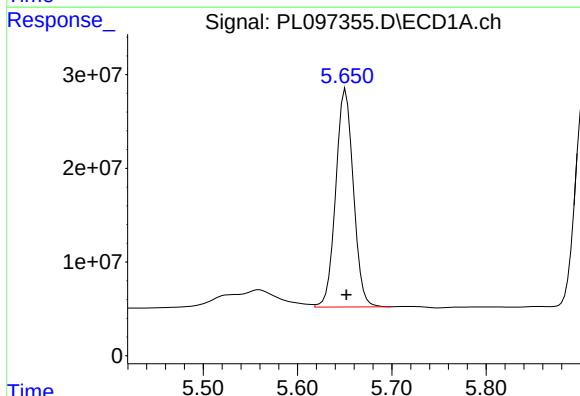
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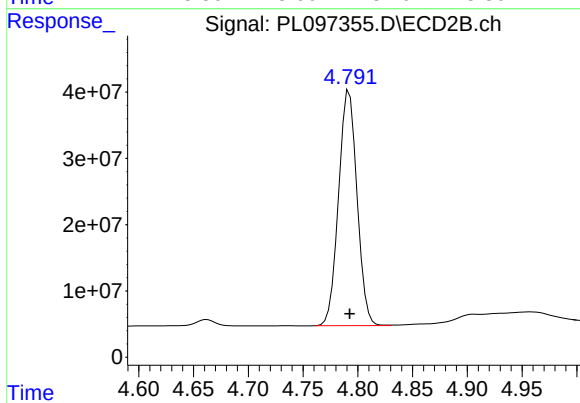
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 494653600
Conc: 53.81 ng/ml



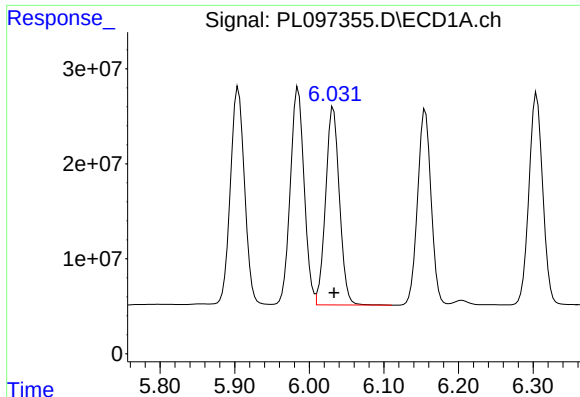
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 302461190
Conc: 52.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 416838421
Conc: 52.55 ng/ml



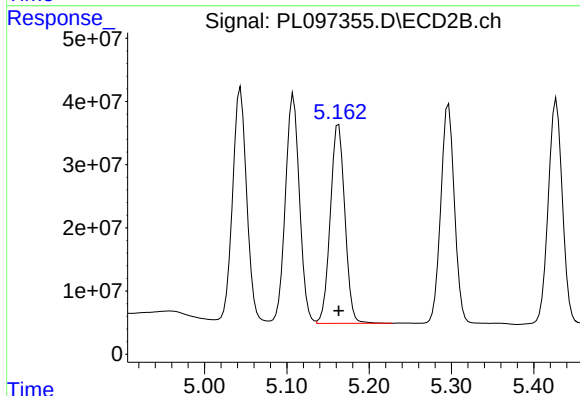
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 269439001
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

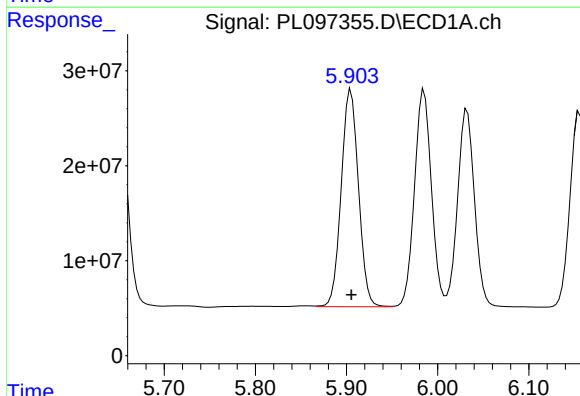
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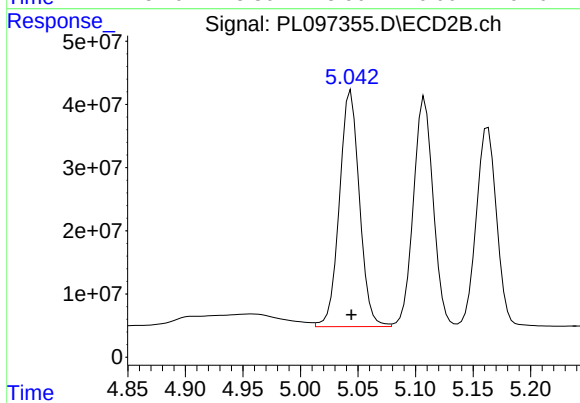
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 386865997
Conc: 50.35 ng/ml



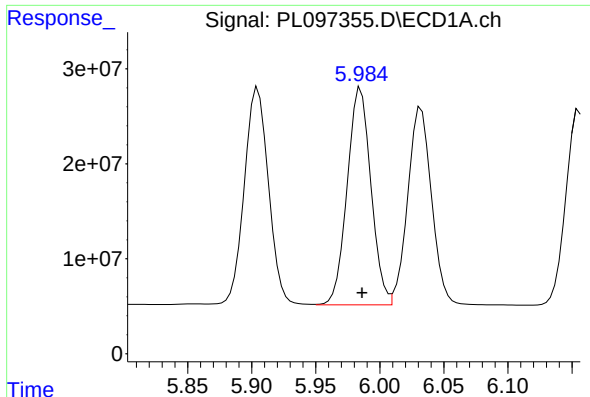
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 300625348
Conc: 53.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 453853438
Conc: 51.96 ng/ml



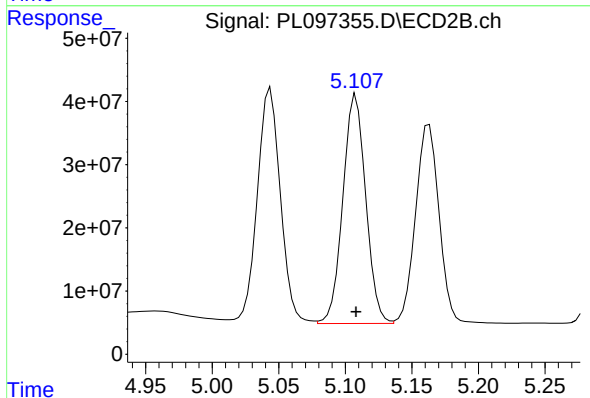
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.001 min
Response: 295117769
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

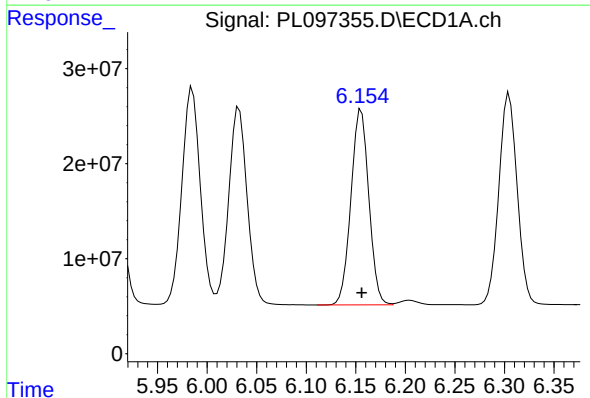
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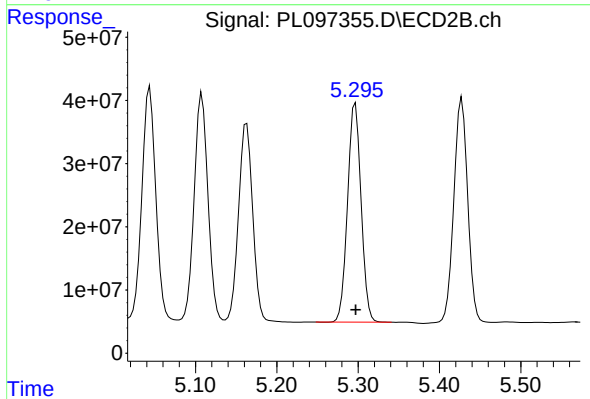
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 433553297
Conc: 52.23 ng/ml



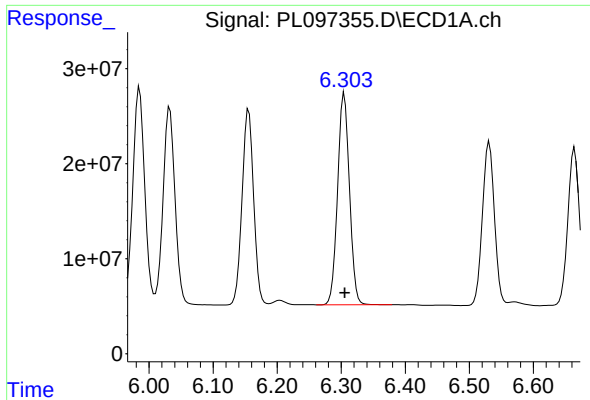
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 258671033
Conc: 54.29 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 399465530
Conc: 51.98 ng/ml



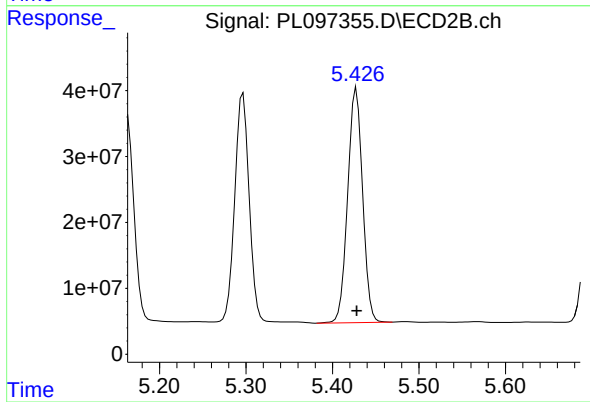
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 286256251
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

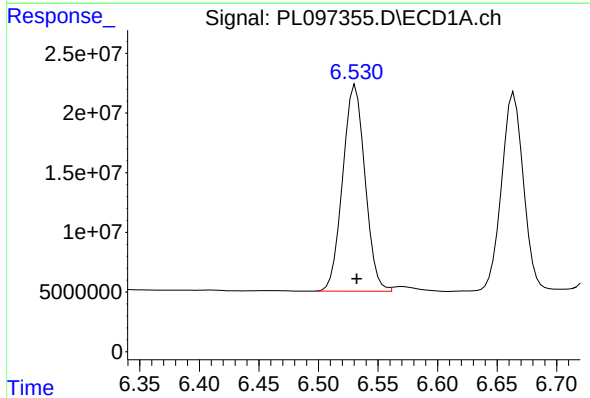
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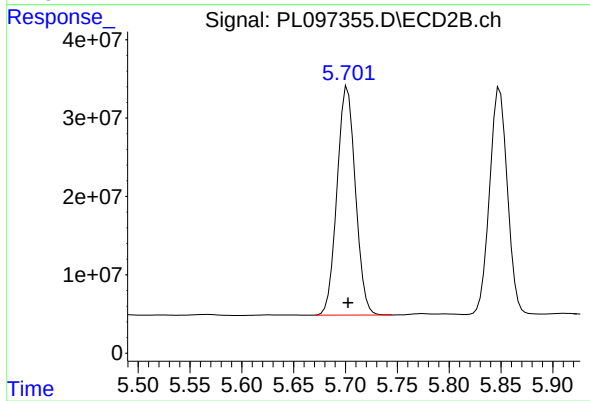
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 424686219
Conc: 51.94 ng/ml



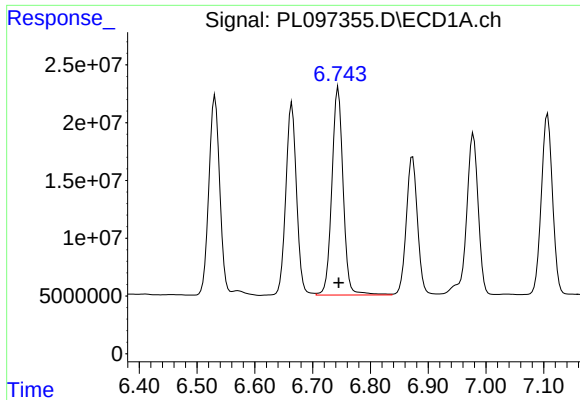
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.001 min
Response: 225438464
Conc: 48.87 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 360149133
Conc: 47.95 ng/ml



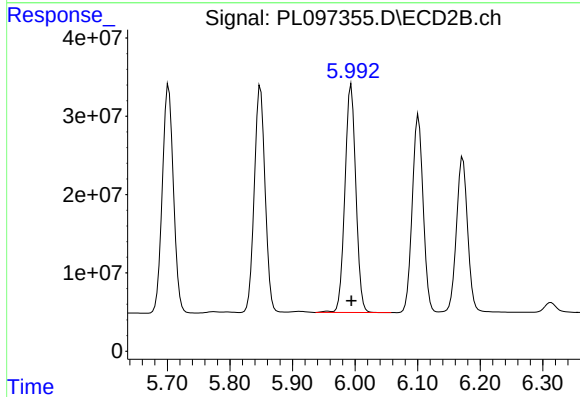
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 244932447
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

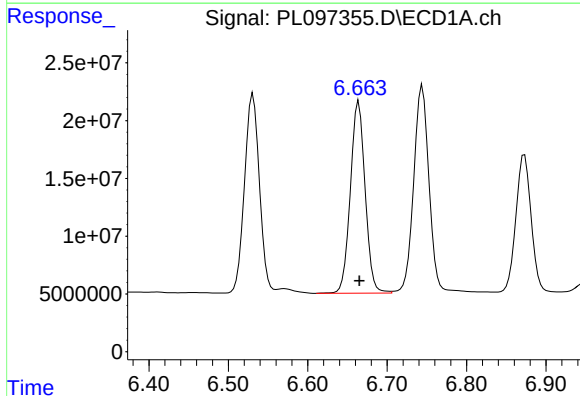
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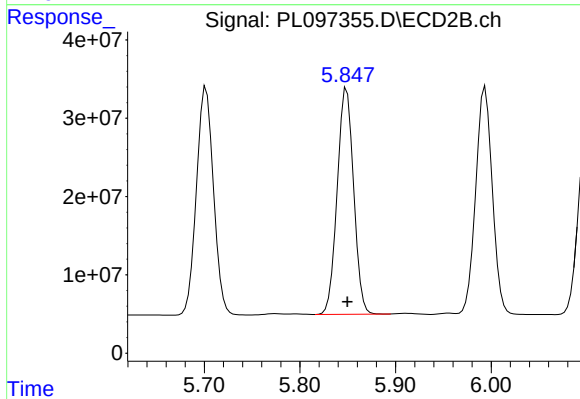
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 354585471
Conc: 49.88 ng/ml



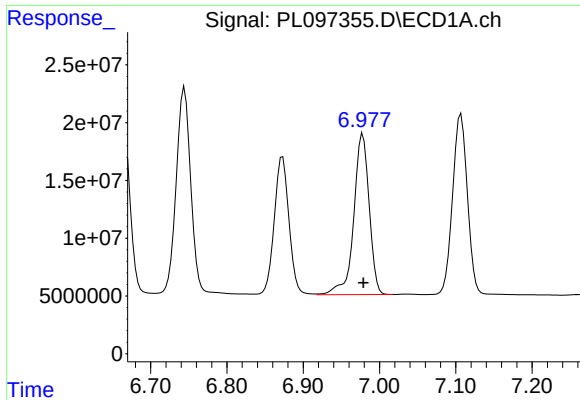
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 214884878
Conc: 56.99 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 344866068
Conc: 53.48 ng/ml



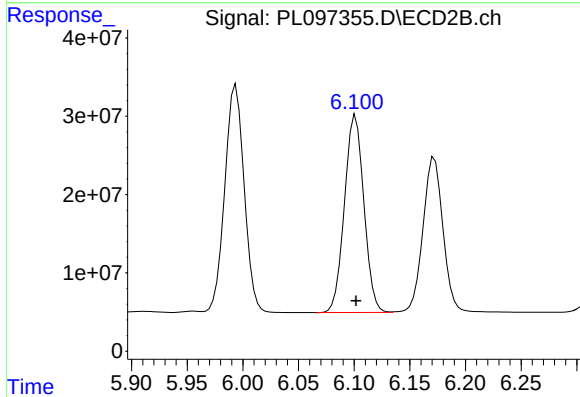
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 195443323
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

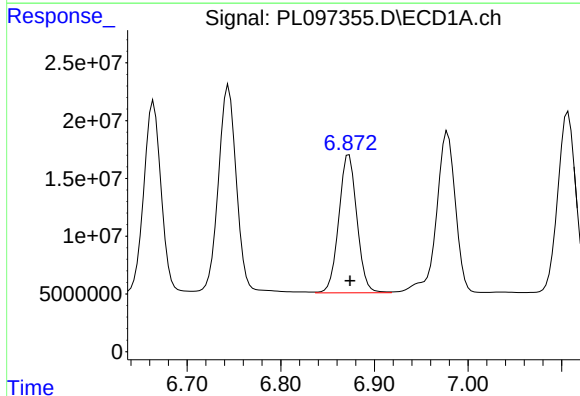
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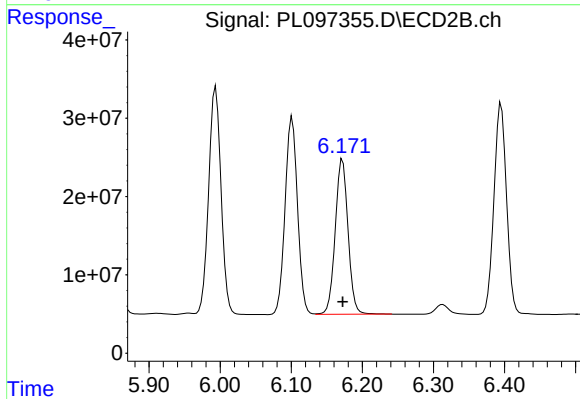
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 306401505
Conc: 44.27 ng/ml



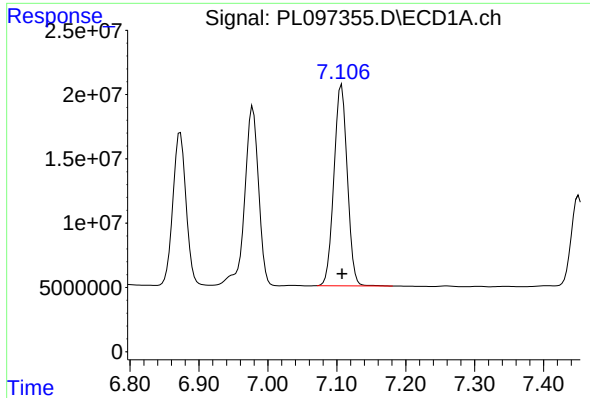
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 160843230
Conc: 52.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 247738773
Conc: 46.42 ng/ml



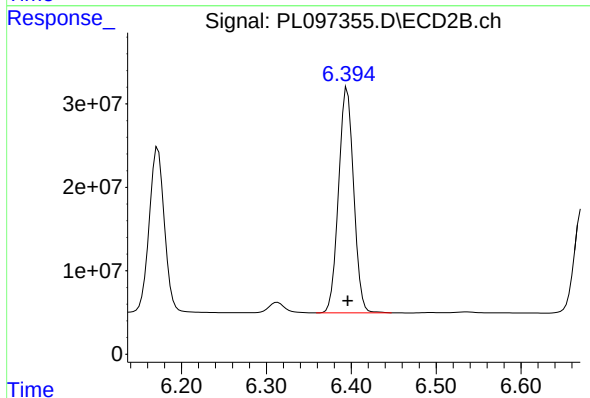
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 210380780
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

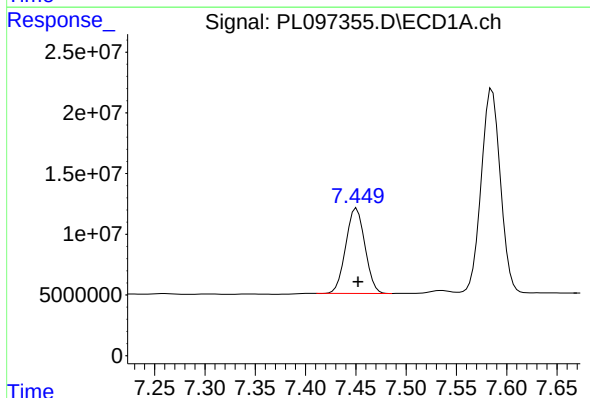
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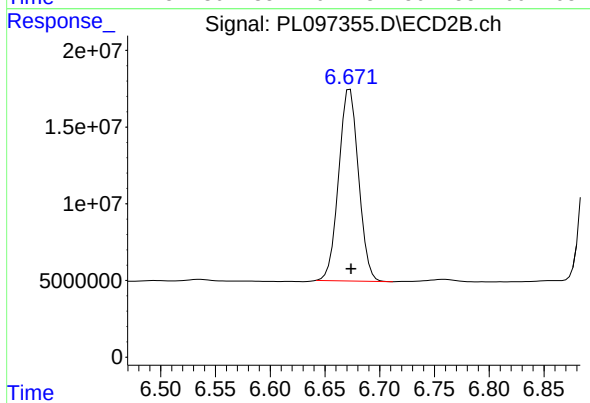
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 332923042
Conc: 48.60 ng/ml



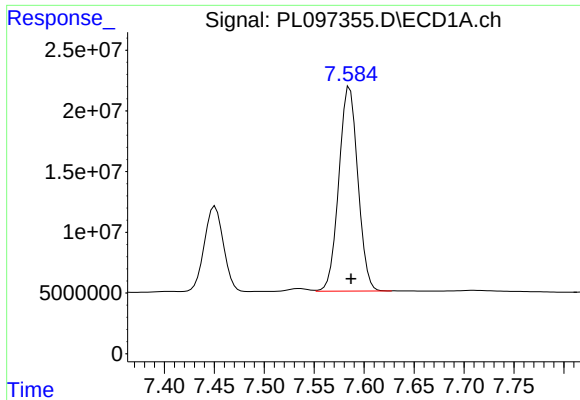
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.001 min
Response: 92934830
Conc: 44.57 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 157699746
Conc: 41.84 ng/ml



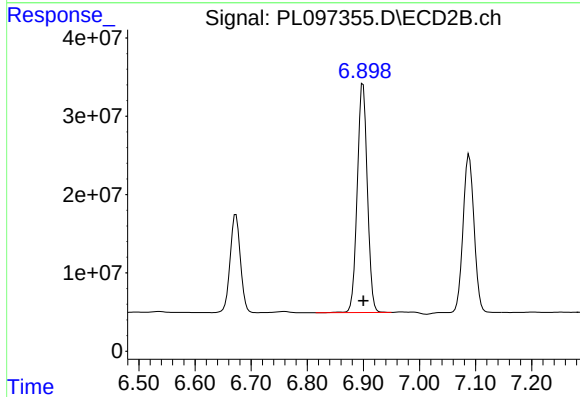
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 223099405
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

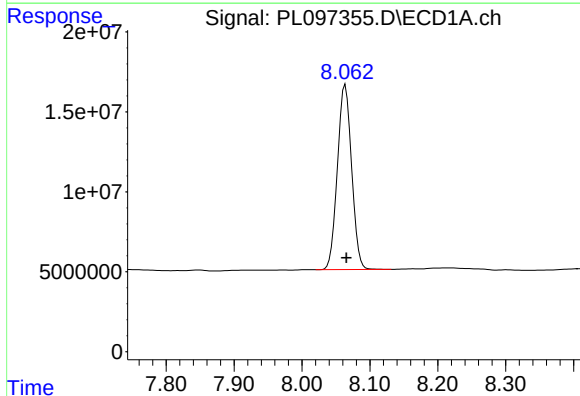
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Reviewed By :Abdul Mirza 09/23/2025
Supervised By :mohammad ahmed 09/24/2025



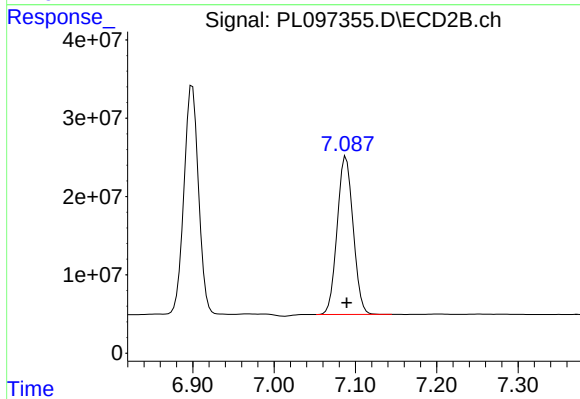
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 366178757
Conc: 48.63 ng/ml



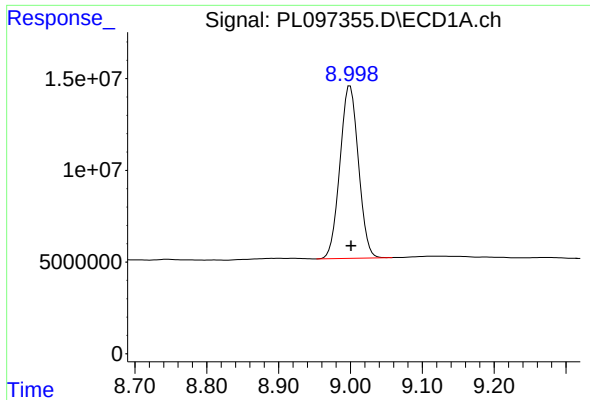
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 168331363
Conc: 47.41 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 274665507
Conc: 45.94 ng/ml



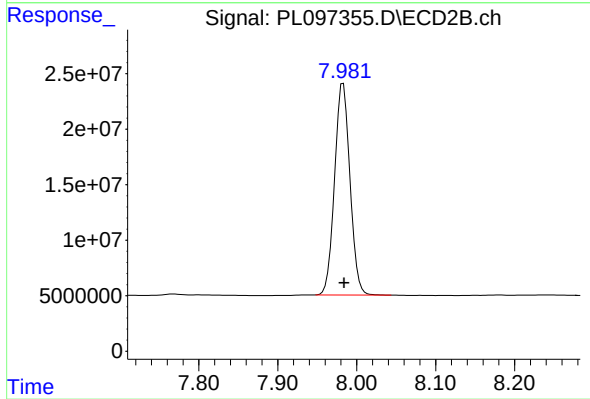
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.001 min
Response: 168011810
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.001 min
Response: 258169429
Conc: 45.36 ng/ml