

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092225\
 Data File : PL097347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2025 22:57
 Operator : AR\AJ
 Sample : Q3153-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-500-COMP-39MS

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 01:50:14 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...	3.526	2.825	67852022	101.5E6	14.988m	15.438
28)	SA Decachlor...	9.000	7.984	42801646	65616513	13.080	11.529
Target Compounds							
2)	A alpha-BHC	3.975	3.330	272.1E6	389.9E6	38.936	39.152
3)	MA gamma-BHC...	4.302	3.661	255.6E6	359.9E6	38.653	38.634
4)	MA Heptachlor	4.893	4.009	251.7E6	348.9E6	37.739	37.499
5)	MB Aldrin	5.232	4.291	242.7E6	331.9E6	38.314	38.238
6)	B beta-BHC	4.490	3.958	105.2E6	152.6E6	38.585	37.568
7)	B delta-BHC	4.734	4.190	239.4E6	344.4E6	39.451m	37.462
8)	B Heptachlo...	5.651	4.793	227.0E6	301.0E6	39.507	37.943
9)	A Endosulfan I	6.033	5.164	201.8E6	278.4E6	38.956	36.233
10)	B gamma-Chl...	5.905	5.044	220.7E6	328.1E6	39.032	37.562
11)	B alpha-Chl...	5.985	5.109	219.7E6	315.5E6	38.673	38.013
12)	B 4,4'-DDE	6.156	5.297	184.8E6	289.2E6	38.782	37.630
13)	MA Dieldrin	6.305	5.428	209.9E6	307.7E6	38.295	37.631
14)	MA Endrin	6.531	5.703	170.4E6	271.3E6	36.935	36.121
15)	B Endosulfa...	6.745	5.994	170.1E6	260.6E6	34.593	36.664
16)	A 4,4'-DDD	6.664	5.850	155.9E6	235.2E6	41.341	36.474
17)	MA 4,4'-DDT	6.979	6.102	149.9E6	230.9E6	35.458	33.367
18)	B Endrin al...	6.873	6.173	129.5E6	201.5E6	42.004	37.762
19)	B Endosulfa...	7.107	6.396	156.3E6	243.4E6	38.278	35.535
20)	A Methoxychlor	7.451	6.674	72821769	126.0E6	34.920	33.418
21)	B Endrin ke...	7.586	6.900	163.0E6	264.6E6	38.399	35.142
22)	Mirex	8.064	7.089	127.3E6	206.1E6	35.850	34.471

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

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Data File : PL097347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Sep 2025 22:57
Operator : AR\AJ
Sample : Q3153-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

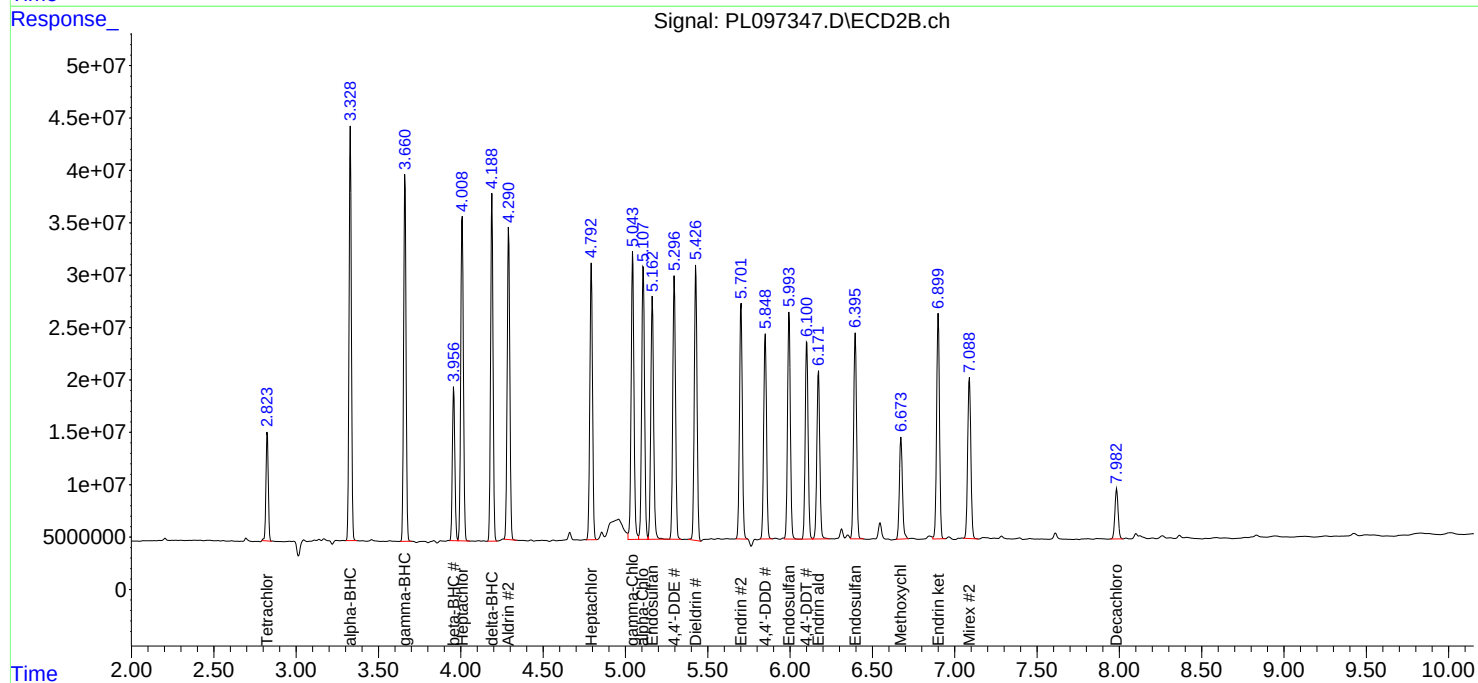
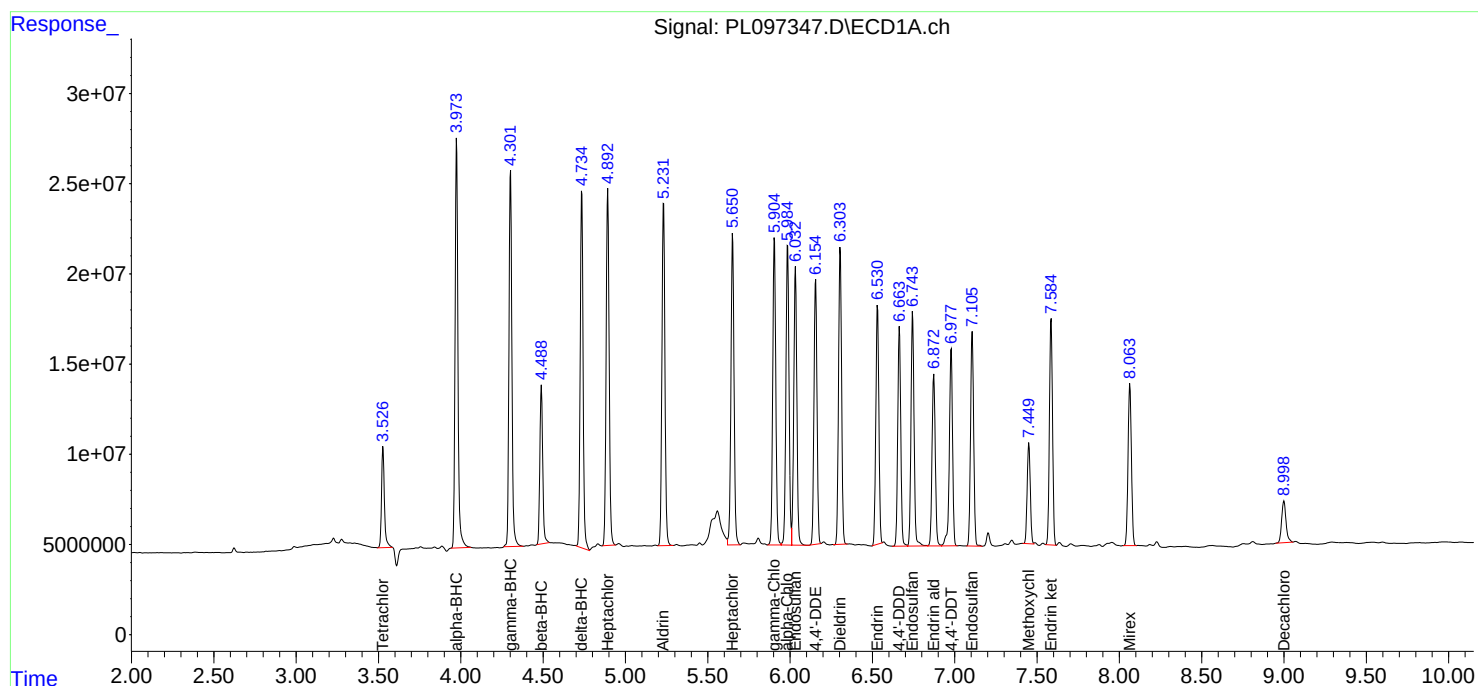
Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

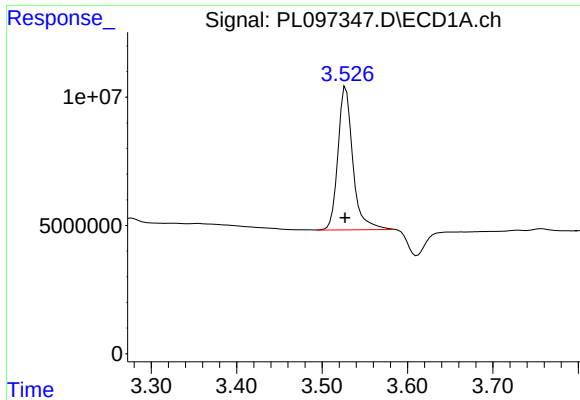
Manual Integrations
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Supervised By :mohammad ahmed 09/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 01:50:14 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





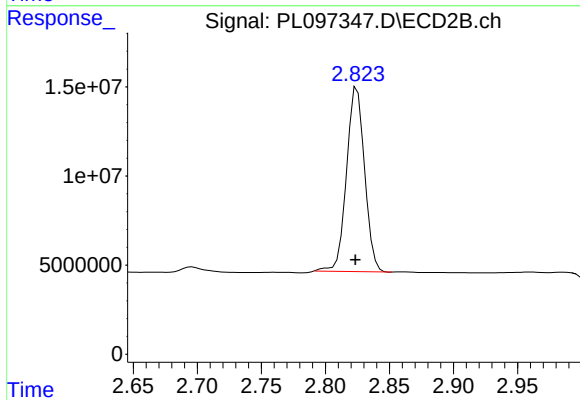
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 67852022
Conc: 14.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

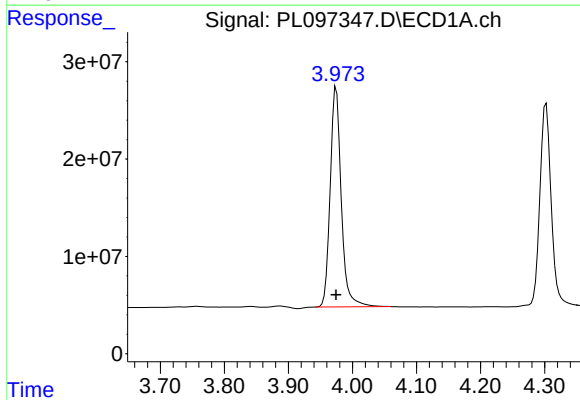
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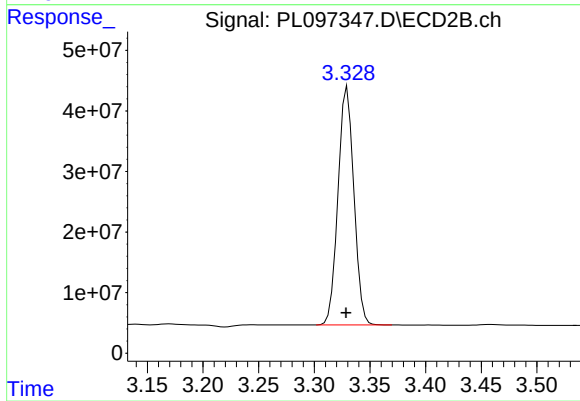
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.001 min
Response: 101514198
Conc: 15.44 ng/ml



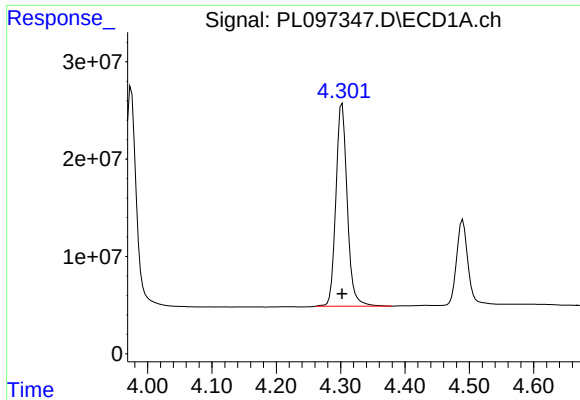
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 272060886
Conc: 38.94 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 389859557
Conc: 39.15 ng/ml



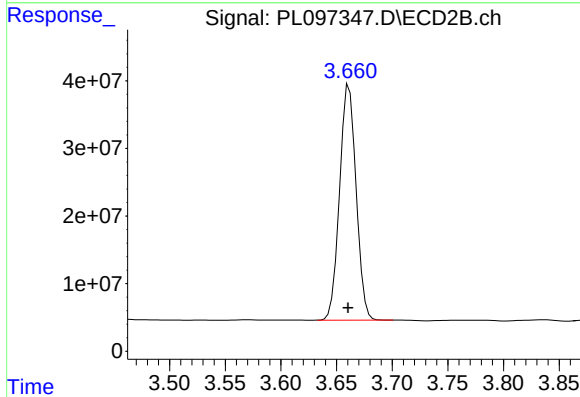
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 255618864
Conc: 38.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

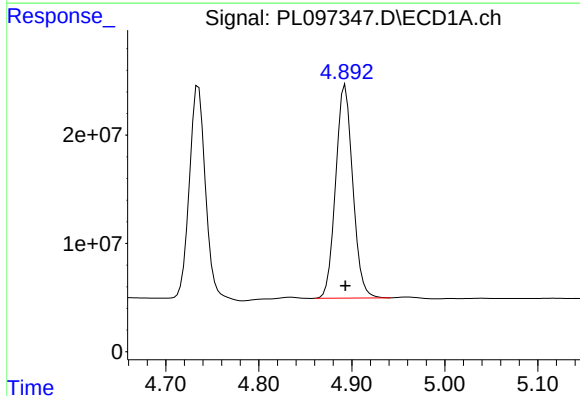
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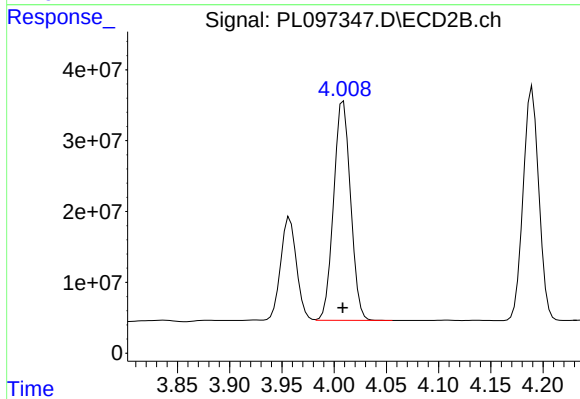
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.001 min
Response: 359860254
Conc: 38.63 ng/ml



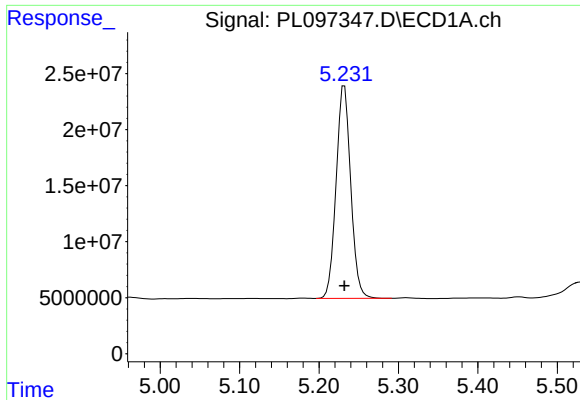
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 251723655
Conc: 37.74 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 348932356
Conc: 37.50 ng/ml



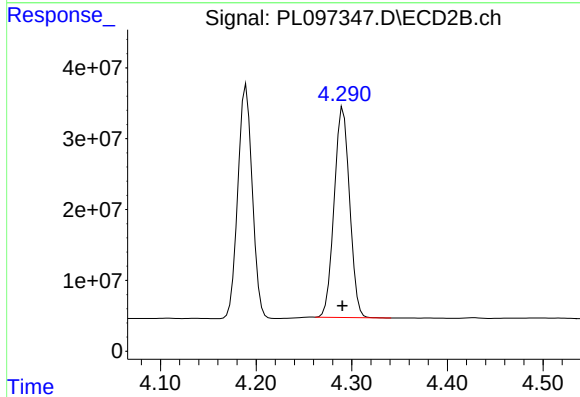
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 242678316
Conc: 38.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

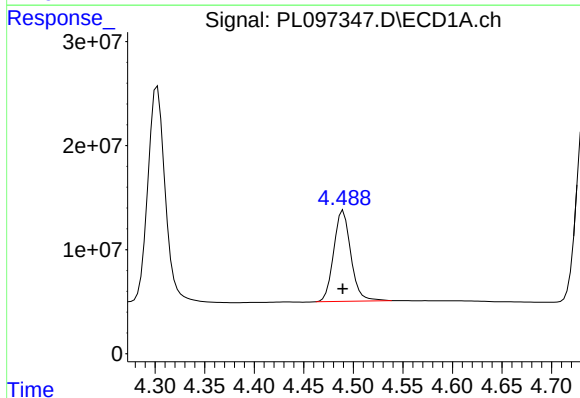
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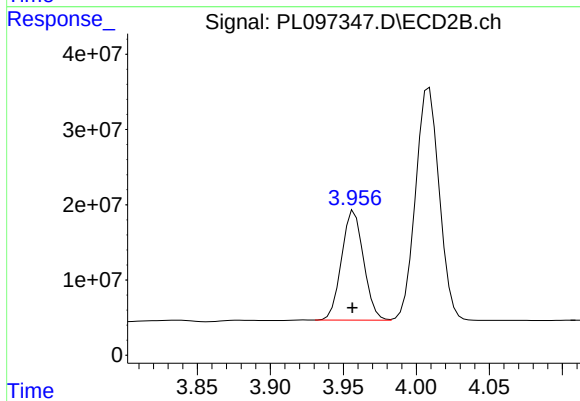
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: 0.000 min
Response: 331882487
Conc: 38.24 ng/ml



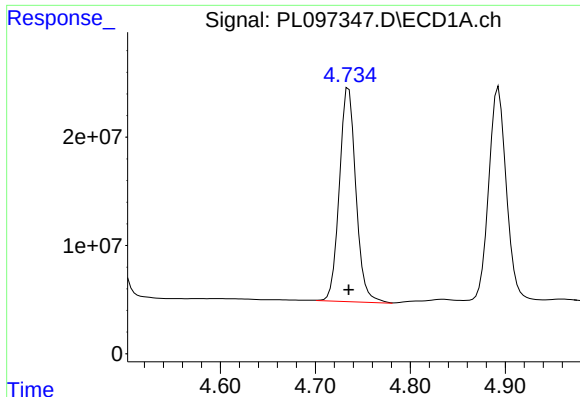
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 105190768
Conc: 38.59 ng/ml



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: 0.001 min
Response: 152601261
Conc: 37.57 ng/ml



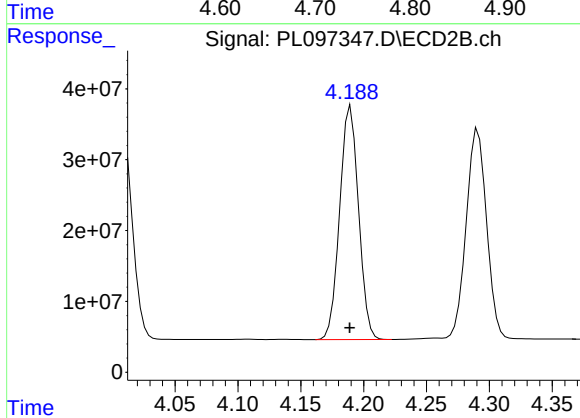
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 239404851
Conc: 39.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

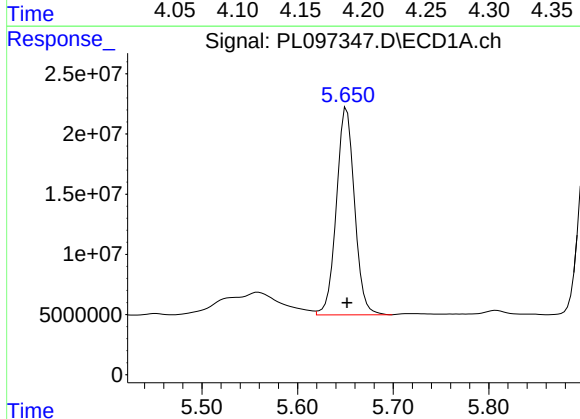
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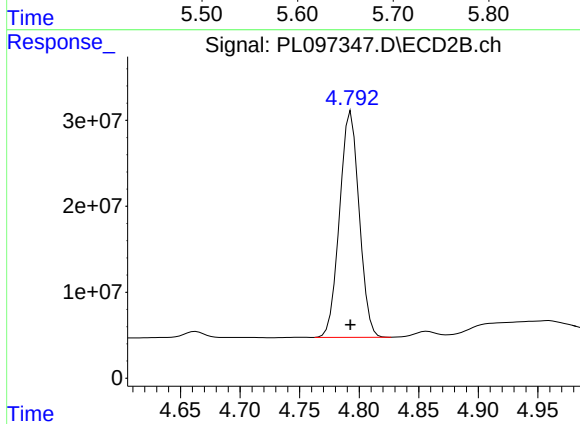
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 344356636
Conc: 37.46 ng/ml



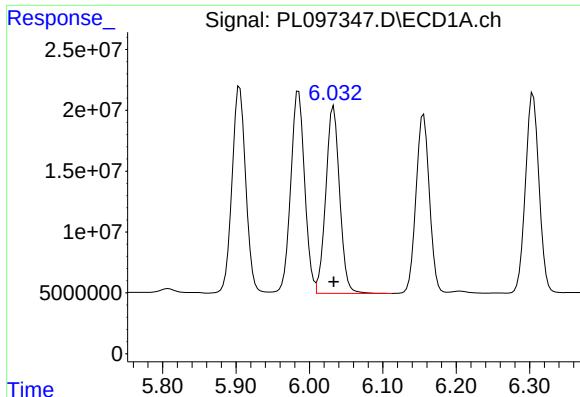
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 227044368
Conc: 39.51 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 300950013
Conc: 37.94 ng/ml



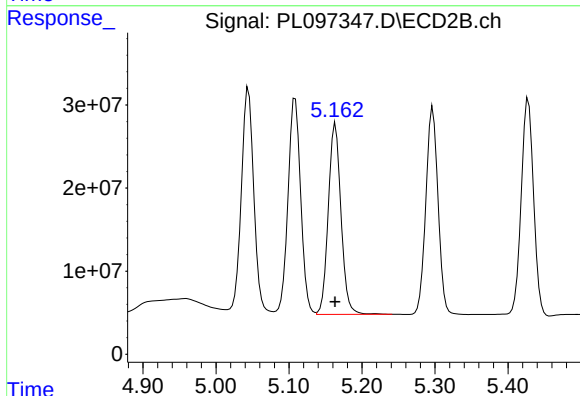
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 201845994
Conc: 38.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

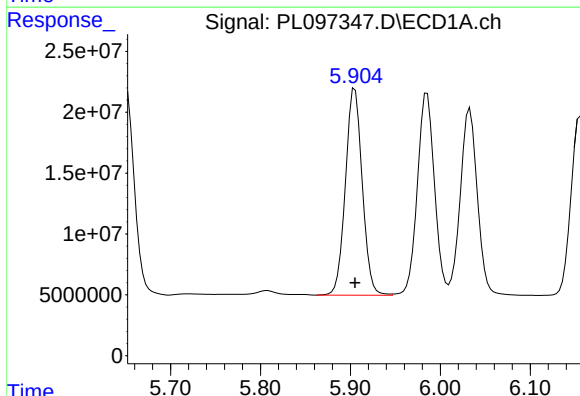
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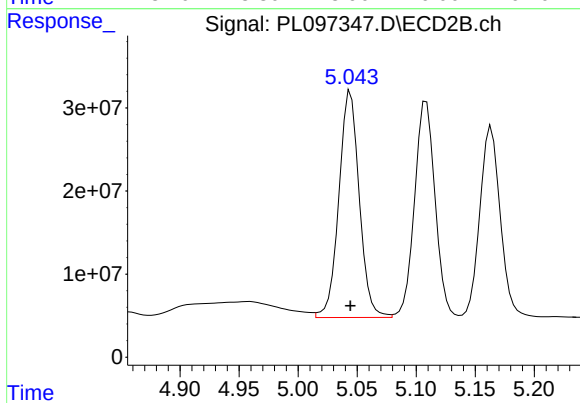
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 278403615
Conc: 36.23 ng/ml



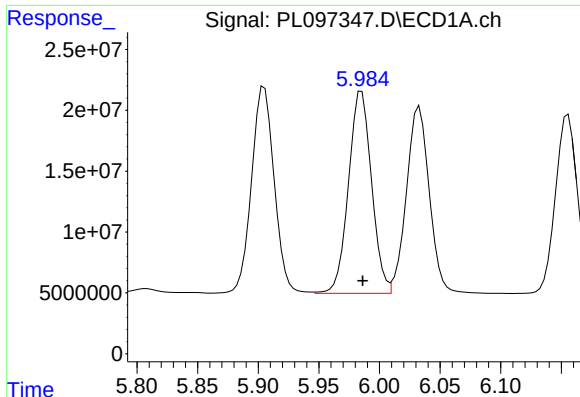
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 220667023
Conc: 39.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 328060673
Conc: 37.56 ng/ml



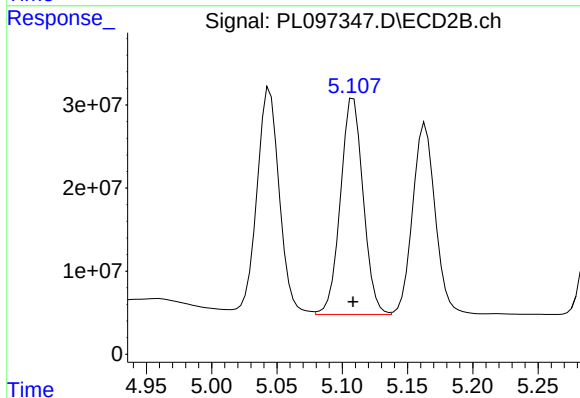
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 219661245
Conc: 38.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

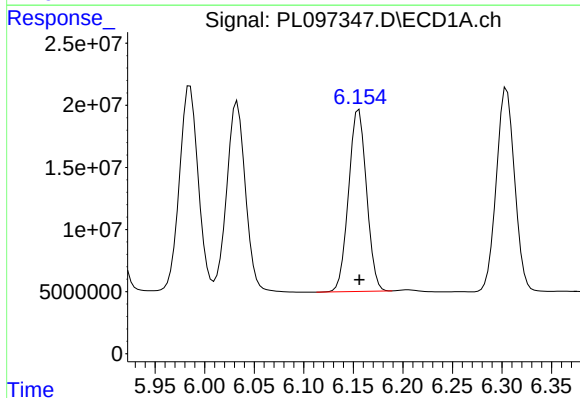
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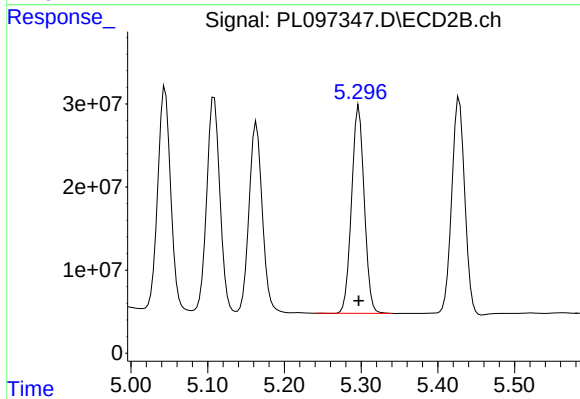
#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 315524797
Conc: 38.01 ng/ml



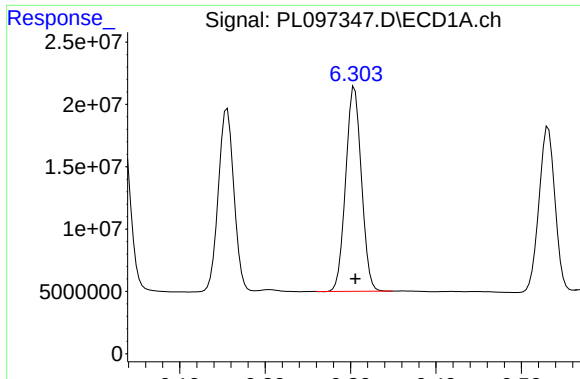
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 184784859
Conc: 38.78 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 289172948
Conc: 37.63 ng/ml



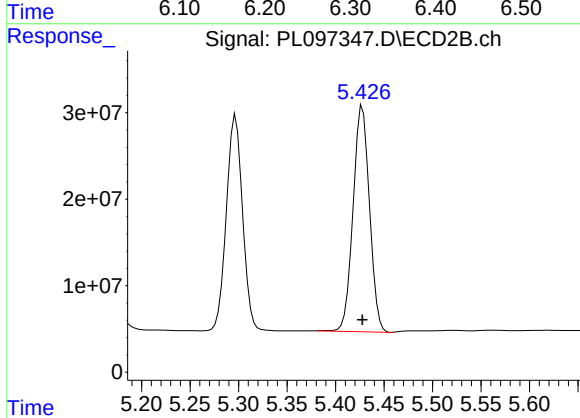
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 209938287
Conc: 38.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

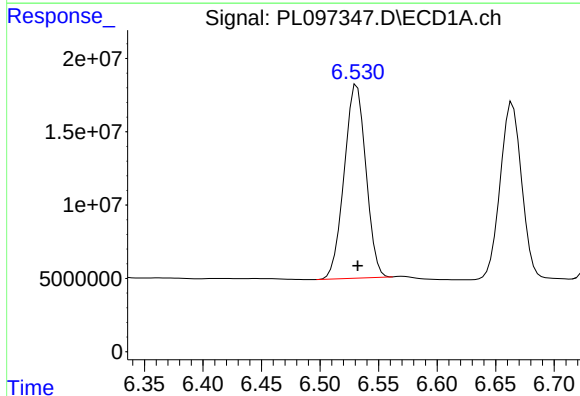
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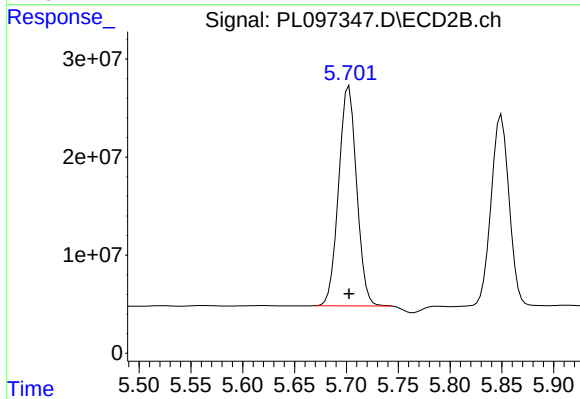
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 307702137
Conc: 37.63 ng/ml



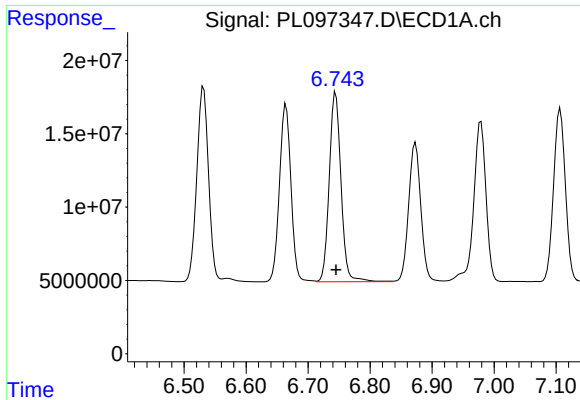
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.000 min
Response: 170385448
Conc: 36.93 ng/ml



#14 Endrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 271283820
Conc: 36.12 ng/ml



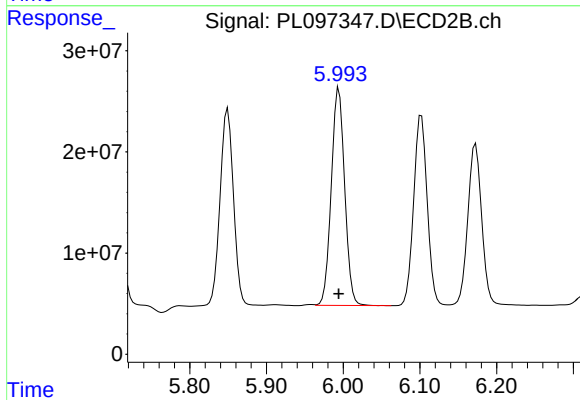
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 170140595
Conc: 34.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

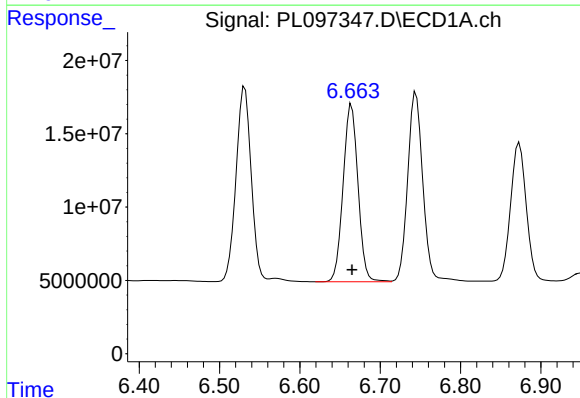
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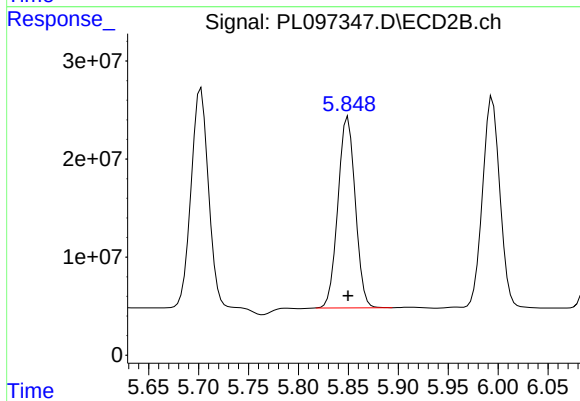
#15 Endosulfan II

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 260649518
Conc: 36.66 ng/ml



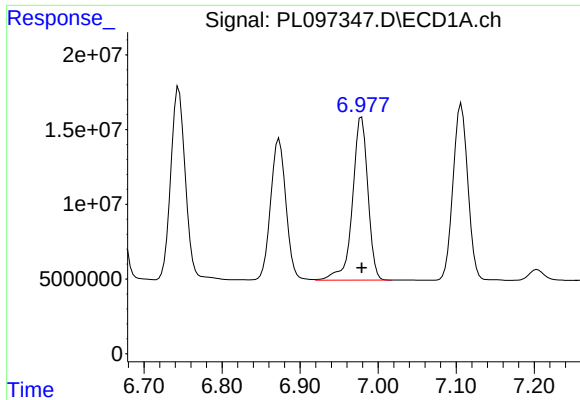
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 155879911
Conc: 41.34 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 235224795
Conc: 36.47 ng/ml



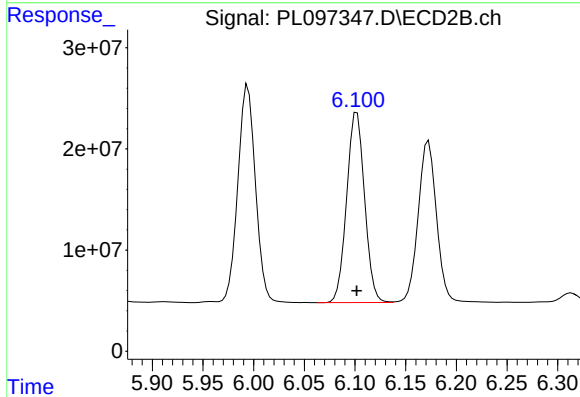
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 149887699
Conc: 35.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

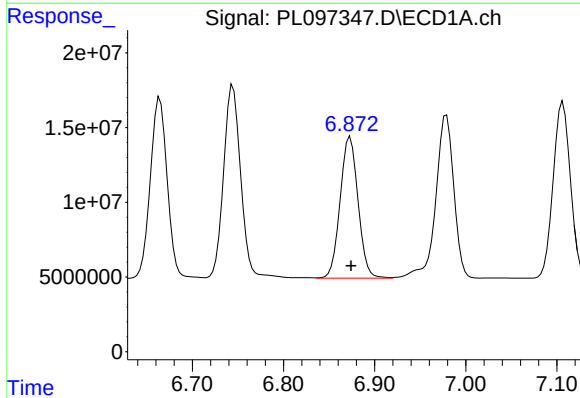
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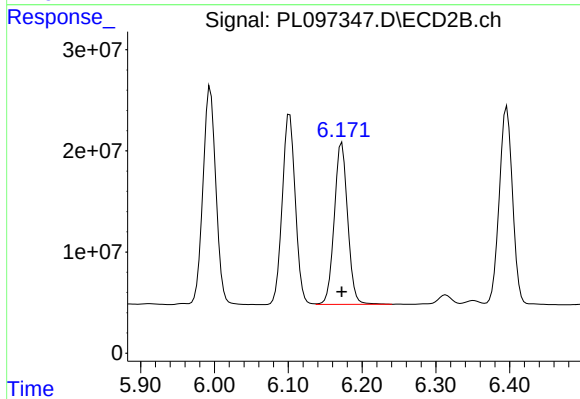
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 230918910
Conc: 33.37 ng/ml



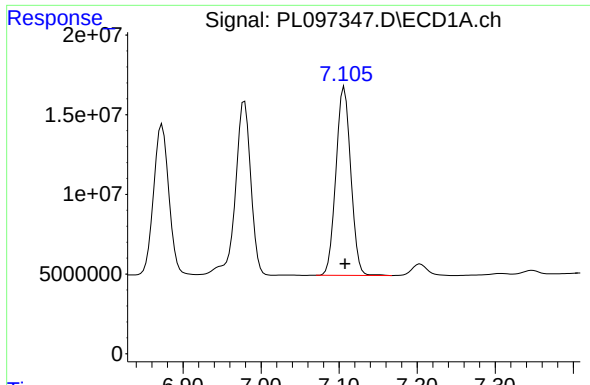
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.001 min
Response: 129491734
Conc: 42.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 201549240
Conc: 37.76 ng/ml



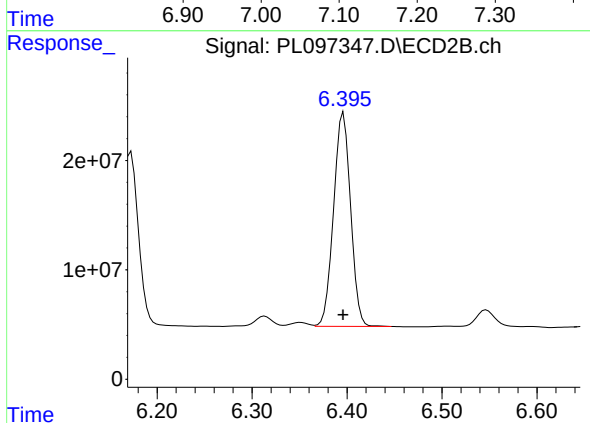
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.001 min
Response: 156277459
Conc: 38.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

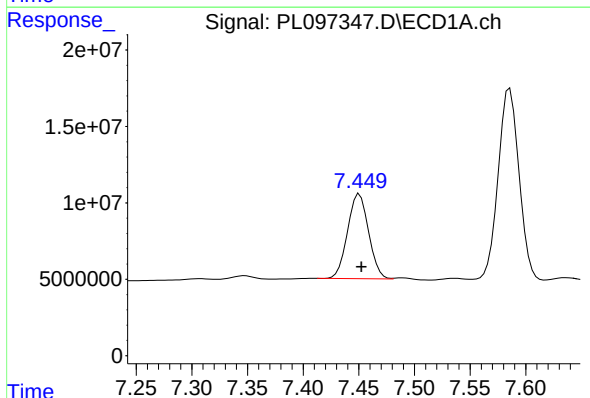
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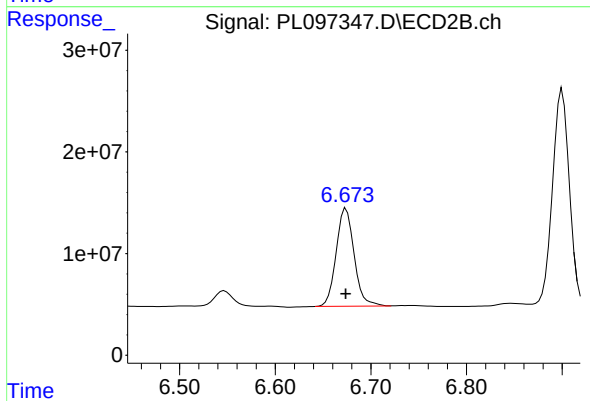
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 243406284
Conc: 35.53 ng/ml



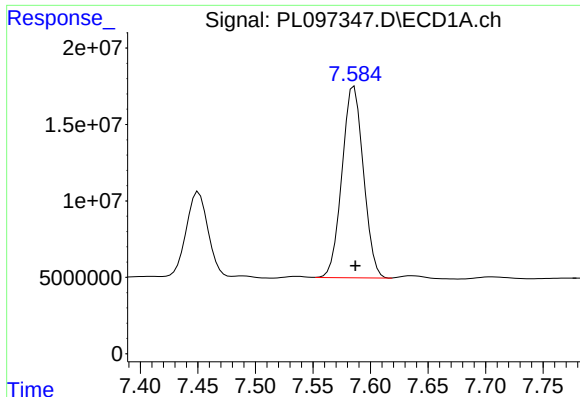
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 72821769
Conc: 34.92 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 125967809
Conc: 33.42 ng/ml



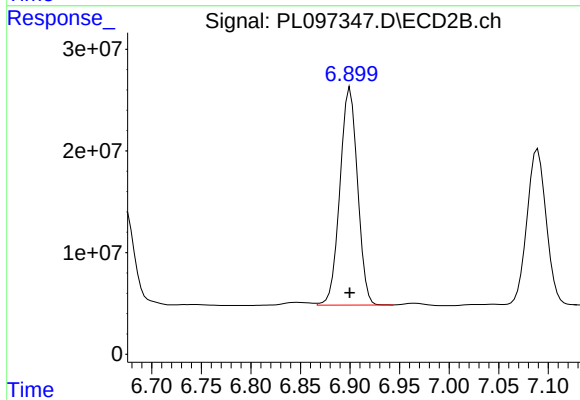
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.001 min
Response: 162979685
Conc: 38.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

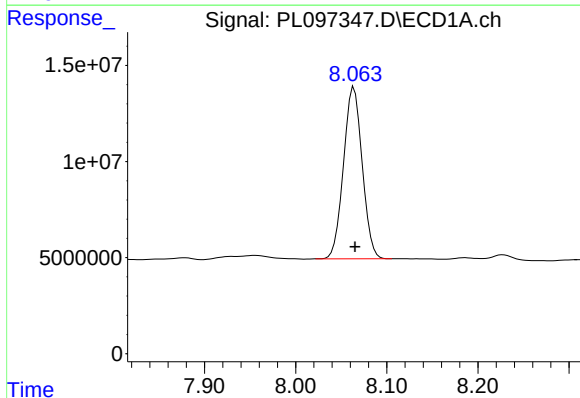
Manual Integrations
APPROVED

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



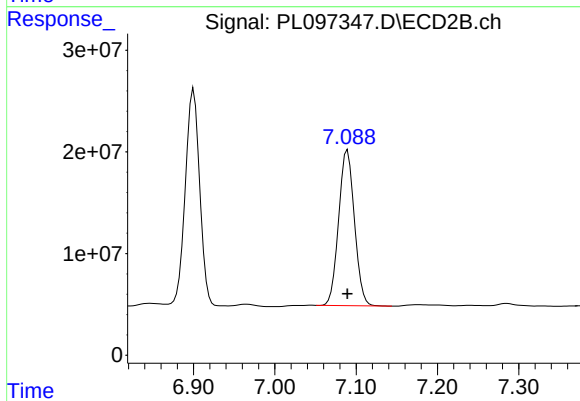
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 264630789
Conc: 35.14 ng/ml



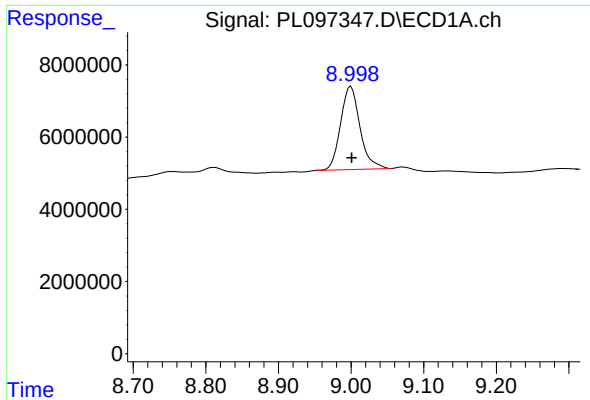
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.001 min
Response: 127278862
Conc: 35.85 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 206093914
Conc: 34.47 ng/ml



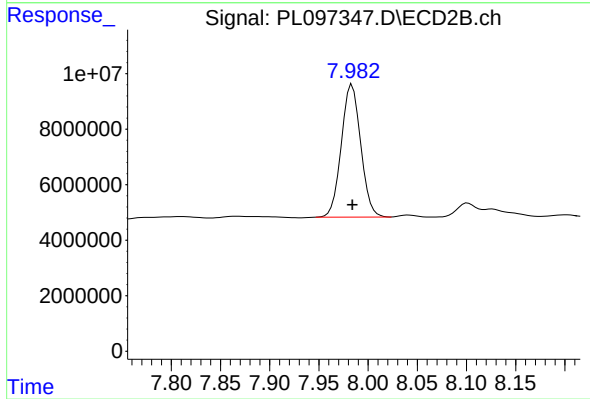
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.001 min
Response: 42801646
Conc: 13.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-500-COMP-39MS

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#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 65616513
Conc: 11.53 ng/ml