

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 18:17
 Operator : AR\AJ
 Sample : Q3118-01MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EO-01-091625

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/18/2025
 Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 02:01:06 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...	3.527	2.824	6681635	11112670	1.694m	1.972
28) SA Decachlor...	9.000	7.983	4294653	7752980	1.451m	1.617
Target Compounds						
2) A alpha-BHC	3.974	3.329	24742963	31291666	4.270	3.811
3) MA gamma-BHC...	4.302	3.661	23730859	29654368	4.345	4.026
4) MA Heptachlor	4.893	4.008	23087375	29086082	4.330	3.866
5) MB Aldrin	5.232	4.288	22340200	23891263	4.252	3.397m
6) B beta-BHC	4.490	3.957	9916832	13841431	4.336	4.243
7) B delta-BHC	4.733	4.189	21266596	27759746	4.726m	3.777
8) B Heptachlo...	5.650	4.792	23371487	26270113	4.542m	4.153
9) A Endosulfan I	6.033	5.163	20670087	26252238	4.811	4.382
10) B gamma-Chl...	5.904	5.043	20847160	26249110	4.527m	3.970m
11) B alpha-Chl...	5.985	5.108	20472218	26604774	4.350	4.074
12) B 4,4'-DDE	6.156	5.297	15877825	22855332	3.979	3.713
13) MA Dieldrin	6.304	5.426	18192952	27836080	4.007m	4.248m
14) MA Endrin	6.532	5.702	14871034	23149414	3.971	3.919
15) B Endosulfa...	6.745	5.992	19256619	21054663	4.371	3.682m
16) A 4,4'-DDD	6.665	5.847	15965514	18957238	5.059	3.630m#
17) MA 4,4'-DDT	6.979	6.100	11086059	13646766	3.165	2.492m
18) B Endrin al...	6.873	6.172	9361122	14569792	3.598	N.D. #
19) B Endosulfa...	7.107	6.395	14206437	20030126	4.138	3.575
20) A Methoxychlor	7.450	6.672	6016147	8474807	3.467m	2.825m
21) B Endrin ke...	7.586	6.899	16877676	20042456	4.747	3.202 #
22) Mirex	8.065	7.087	14022100	17602022	4.687	3.624m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
Data File : PL097249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 18:17
Operator : AR\AJ
Sample : Q3118-01MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

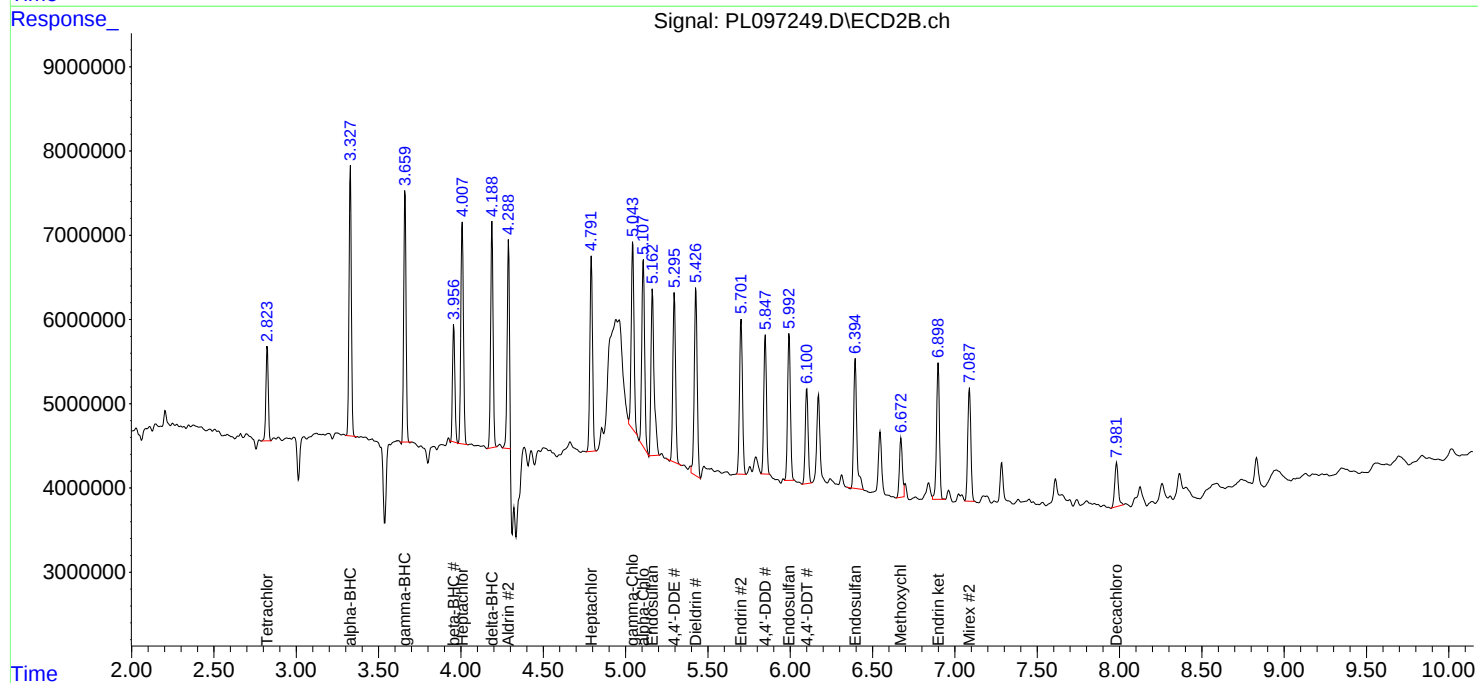
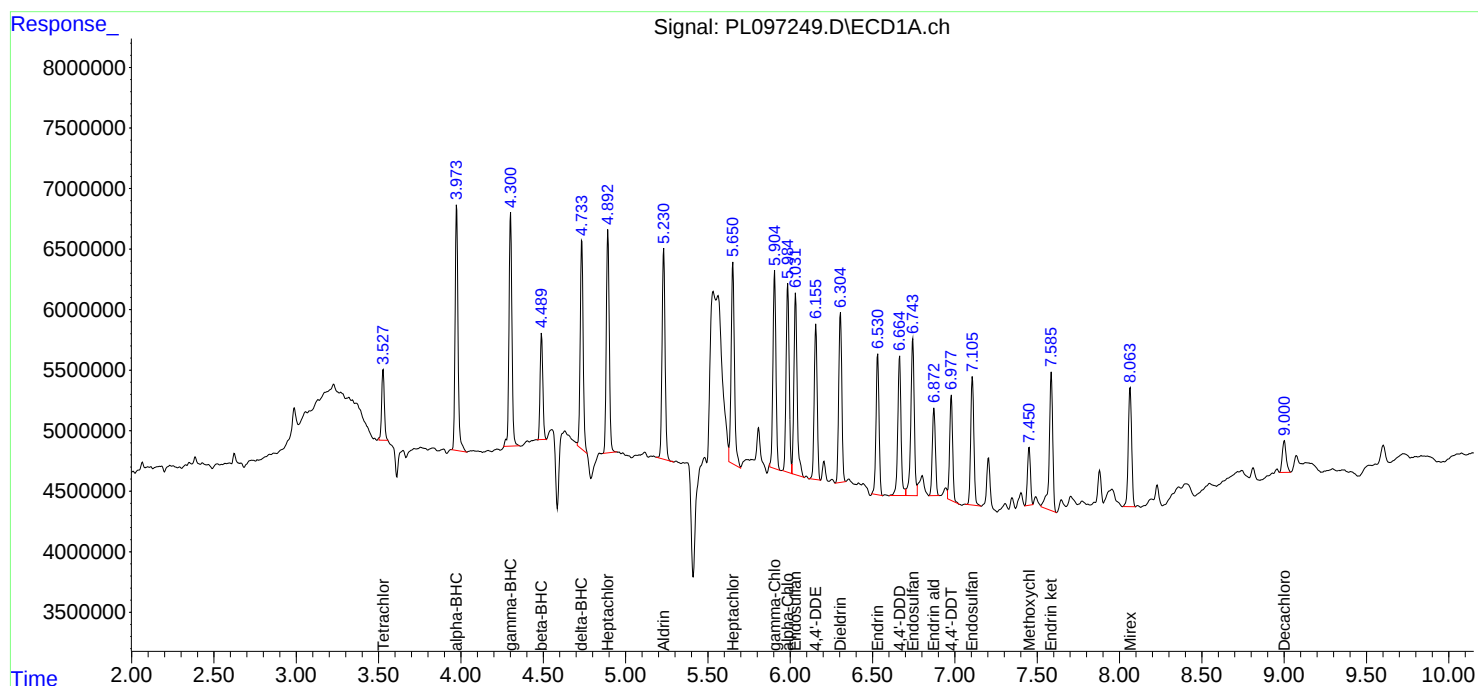
Instrument :
ECD_L
ClientSampleId :
EO-01-091625

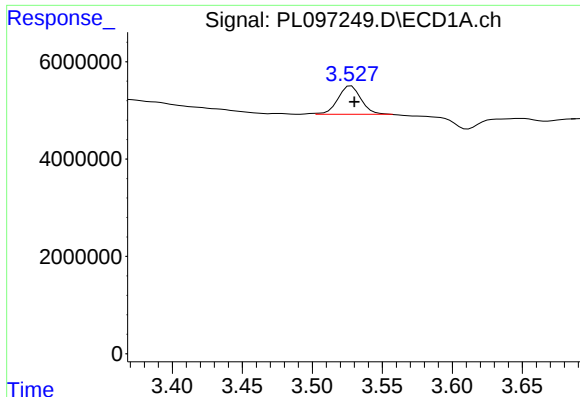
Manual Integrations
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Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 02:01:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 2025
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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





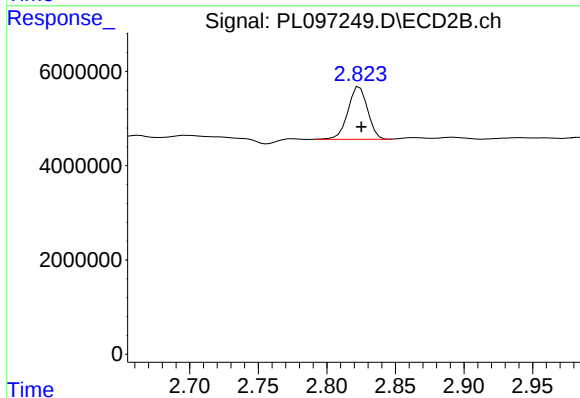
#1 Tetrachloro-m-xylene

R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 6681635
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

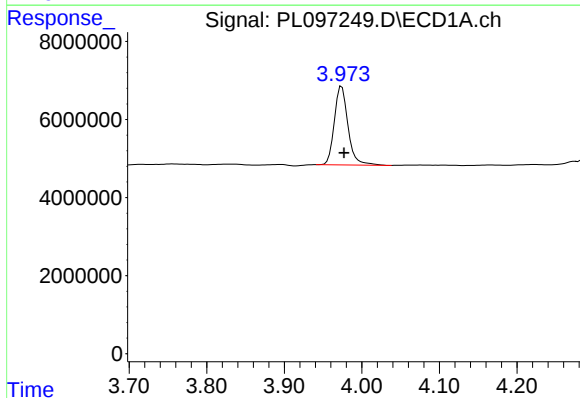
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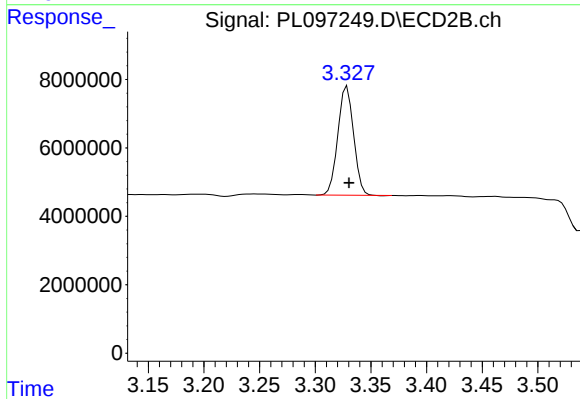
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 11112670
Conc: 1.97 ng/ml



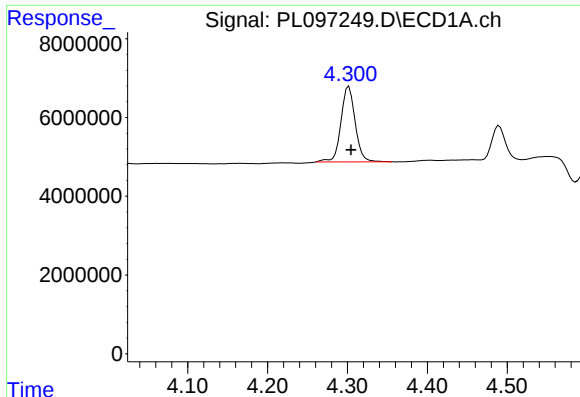
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 24742963
Conc: 4.27 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 31291666
Conc: 3.81 ng/ml



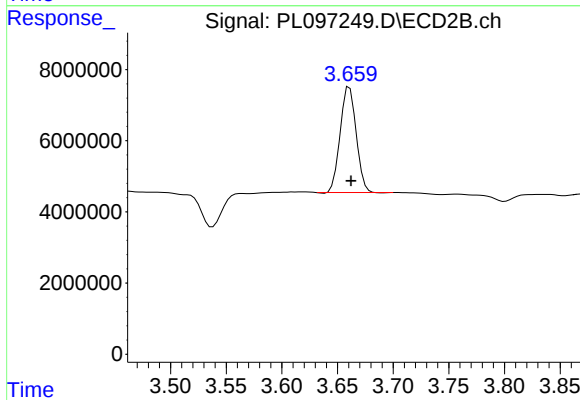
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 23730859
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

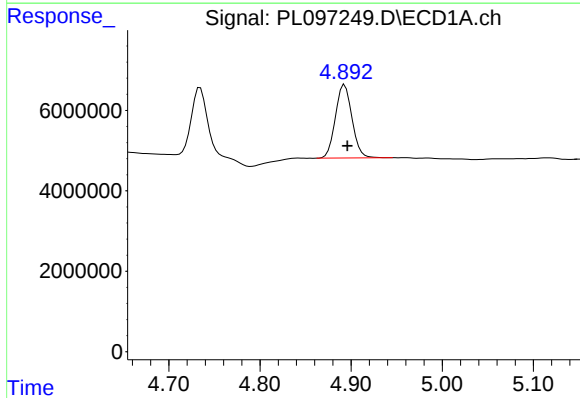
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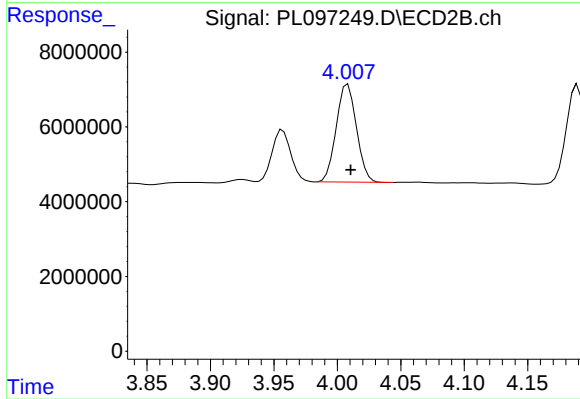
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 29654368
Conc: 4.03 ng/ml



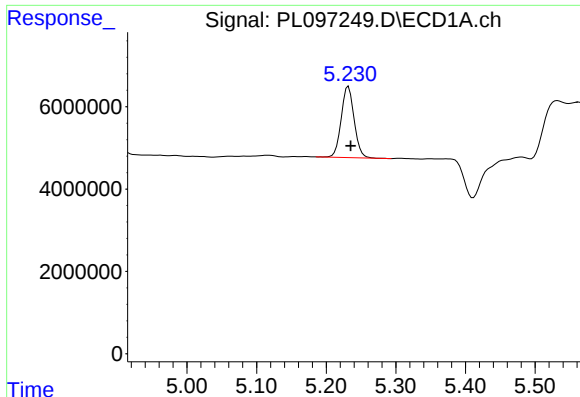
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 23087375
Conc: 4.33 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 29086082
Conc: 3.87 ng/ml



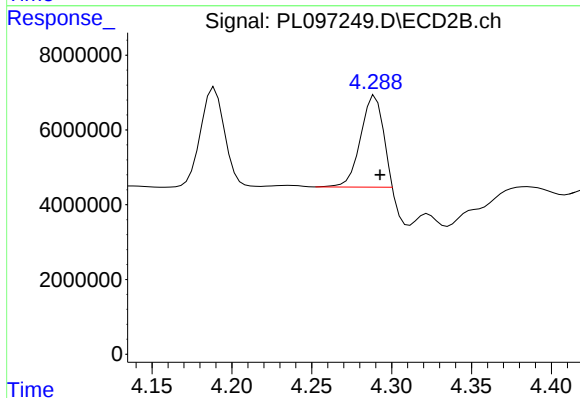
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 22340200
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

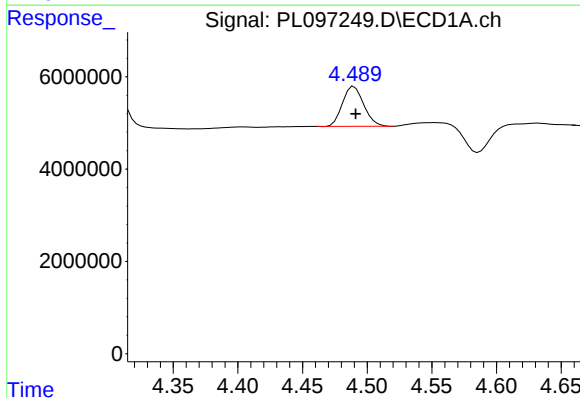
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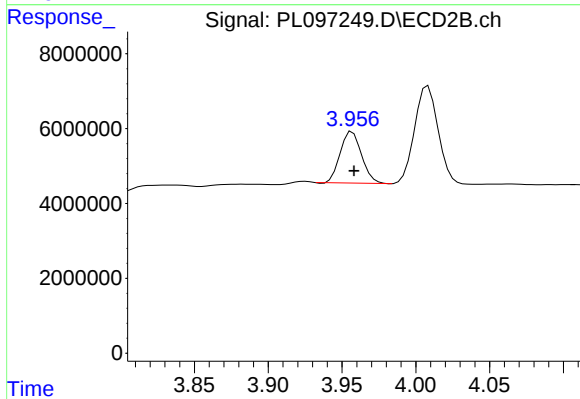
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 23891263
Conc: 3.40 ng/ml m



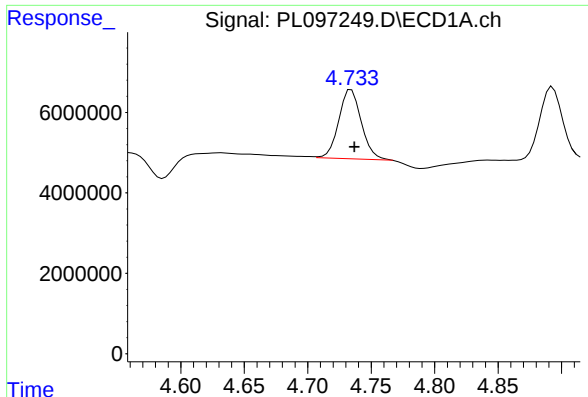
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 9916832
Conc: 4.34 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 13841431
Conc: 4.24 ng/ml



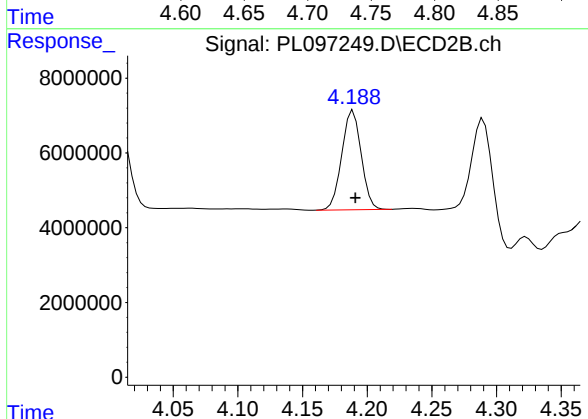
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 21266596
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

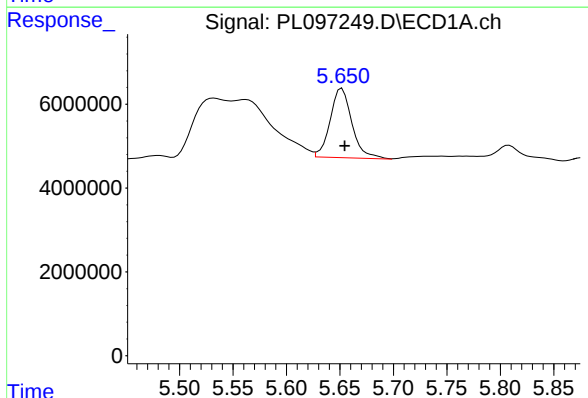
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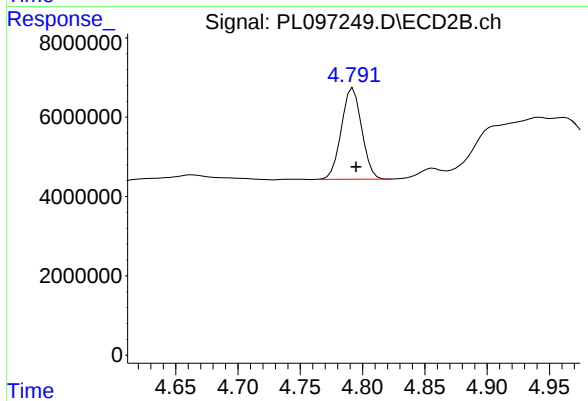
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 27759746
Conc: 3.78 ng/ml



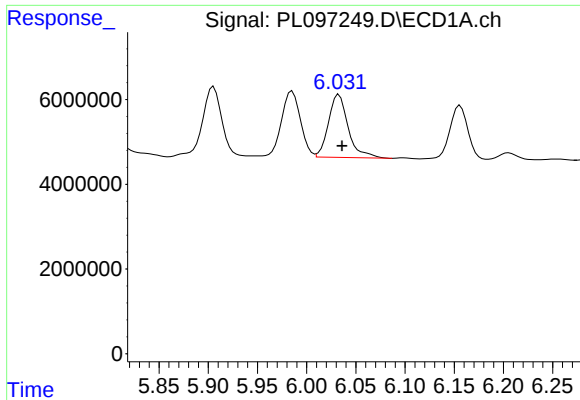
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 23371487
Conc: 4.54 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 26270113
Conc: 4.15 ng/ml



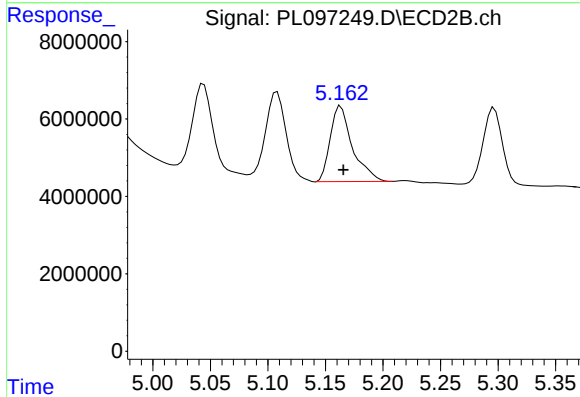
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 20670087
Conc: 4.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

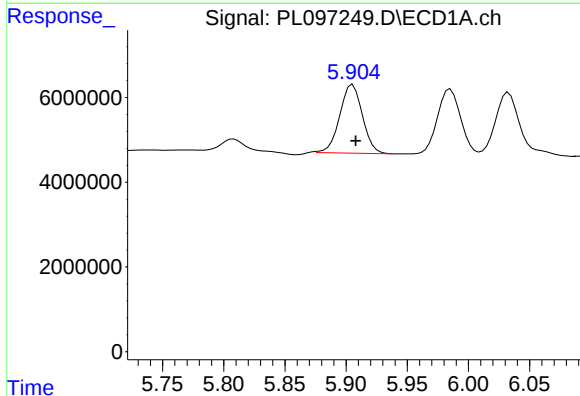
Manual Integrations
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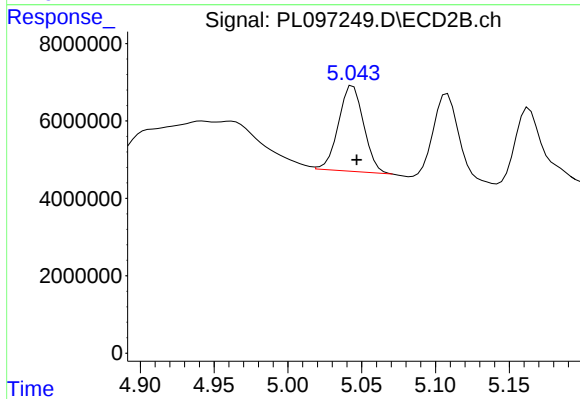
#9 Endosulfan I

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 26252238
Conc: 4.38 ng/ml



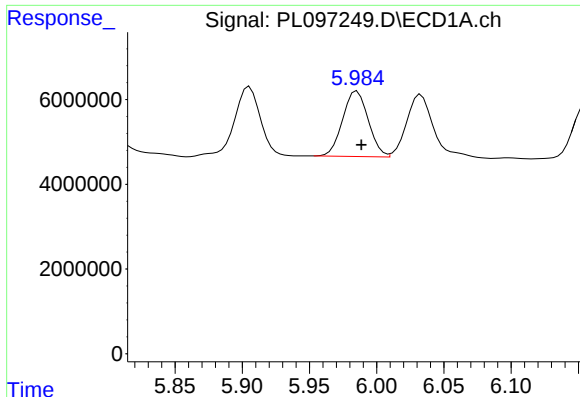
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 20847160
Conc: 4.53 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 26249110
Conc: 3.97 ng/ml m



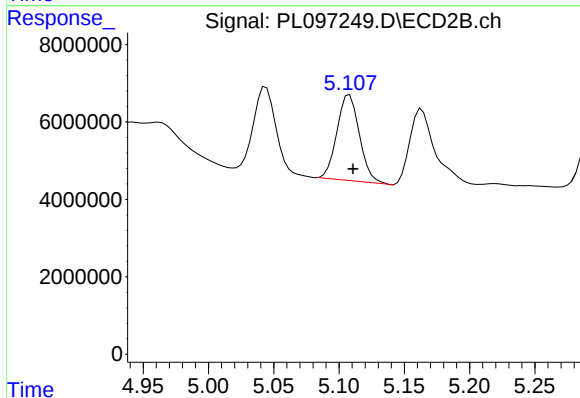
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 20472218
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

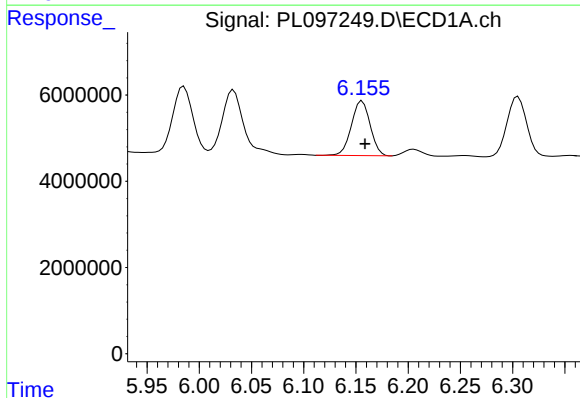
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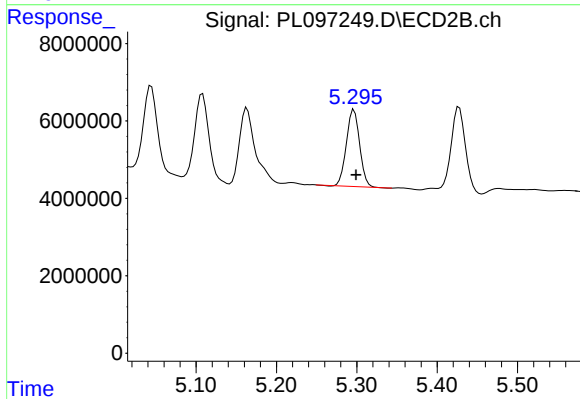
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 26604774
Conc: 4.07 ng/ml



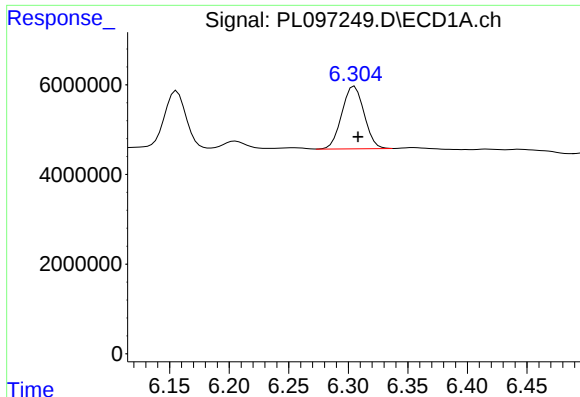
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 15877825
Conc: 3.98 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: -0.003 min
Response: 22855332
Conc: 3.71 ng/ml



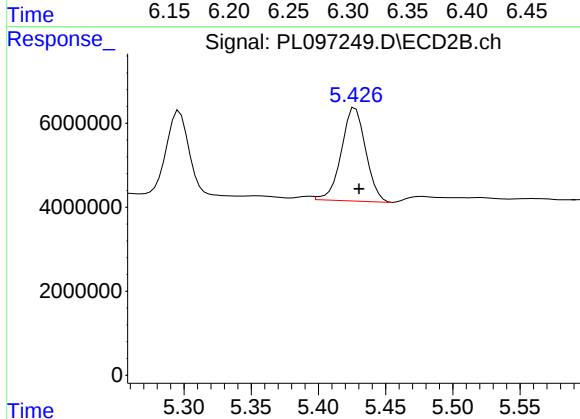
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.004 min
Response: 18192952
Conc: 4.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

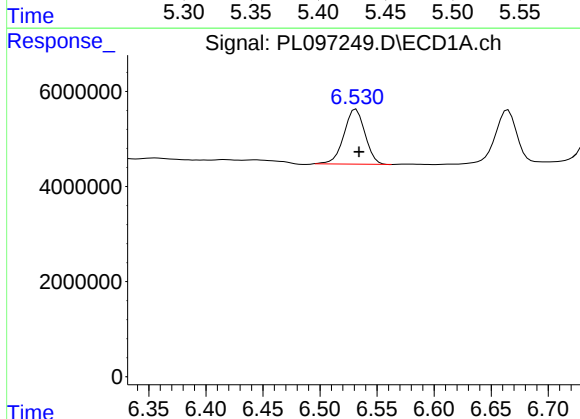
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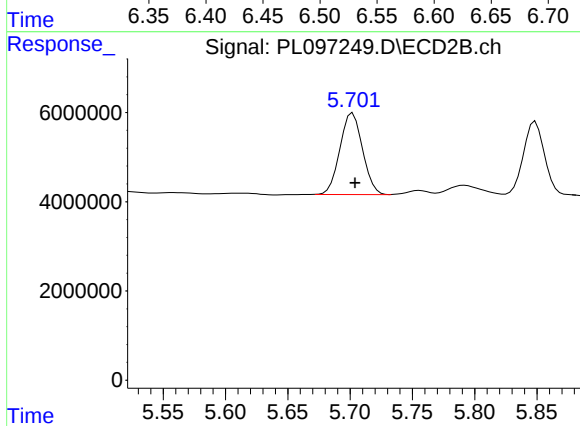
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 27836080
Conc: 4.25 ng/ml m



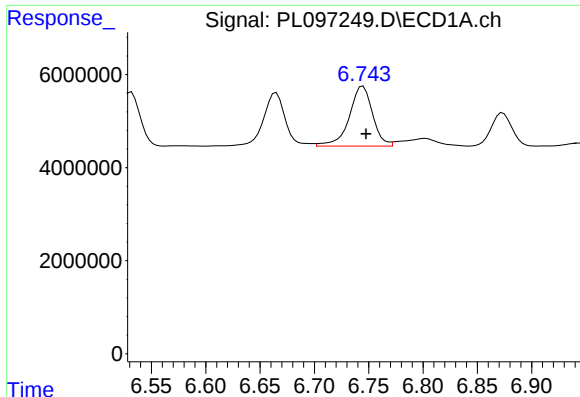
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 14871034
Conc: 3.97 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 23149414
Conc: 3.92 ng/ml



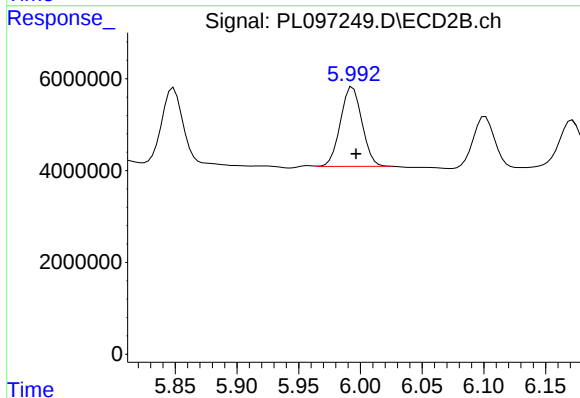
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 19256619
Conc: 4.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

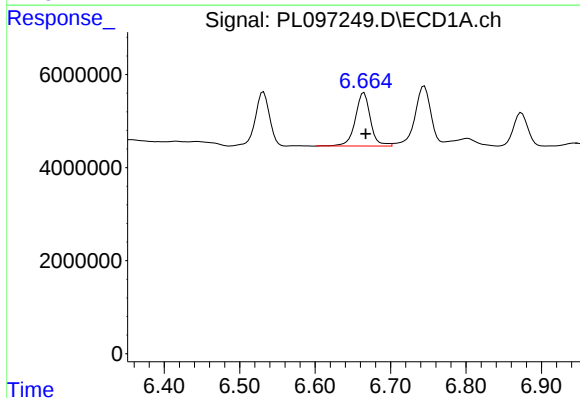
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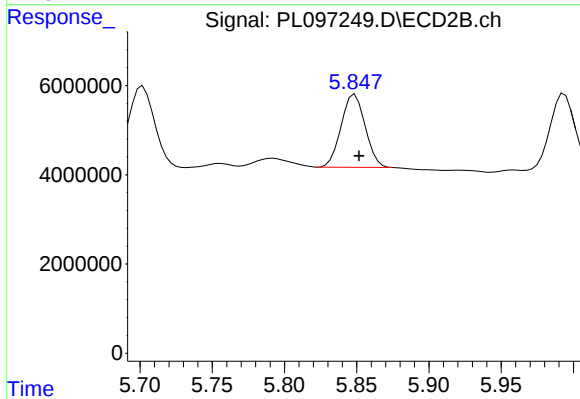
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 21054663
Conc: 3.68 ng/ml m



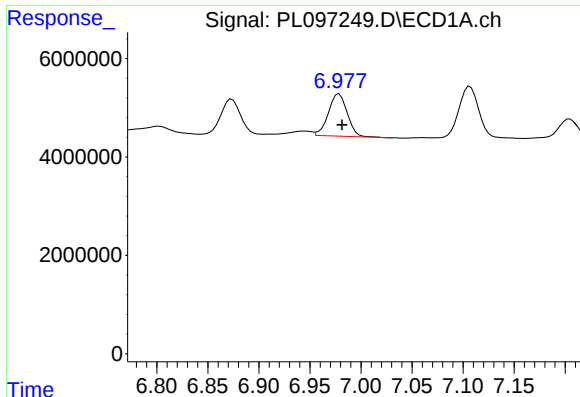
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 15965514
Conc: 5.06 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 18957238
Conc: 3.63 ng/ml m



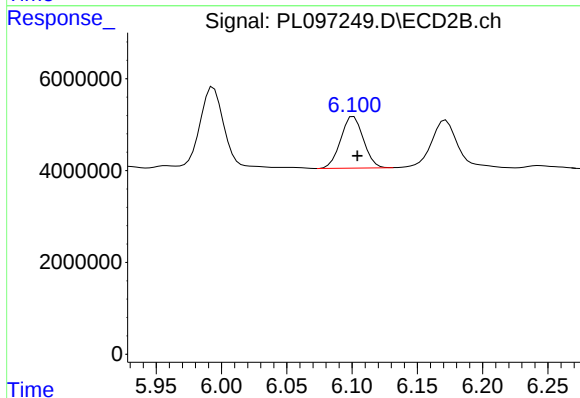
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 11086059
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

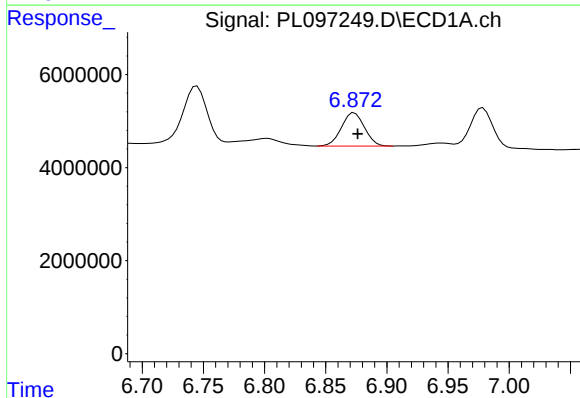
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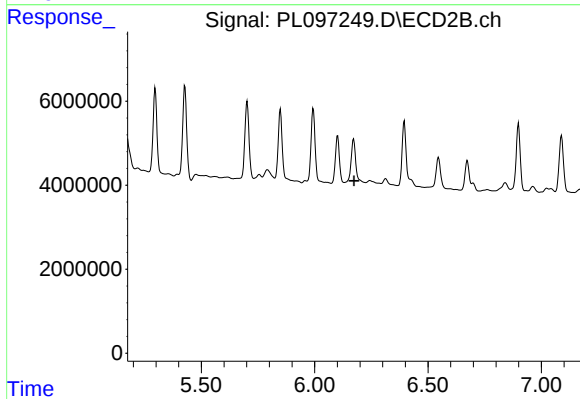
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 13646766
Conc: 2.49 ng/ml m



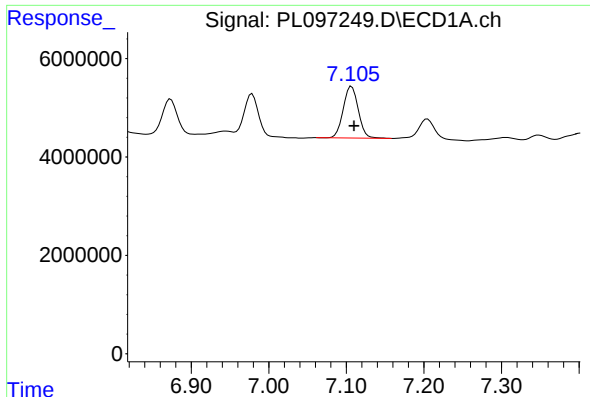
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 9361122
Conc: 3.60 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 14569792
Conc: N.D.



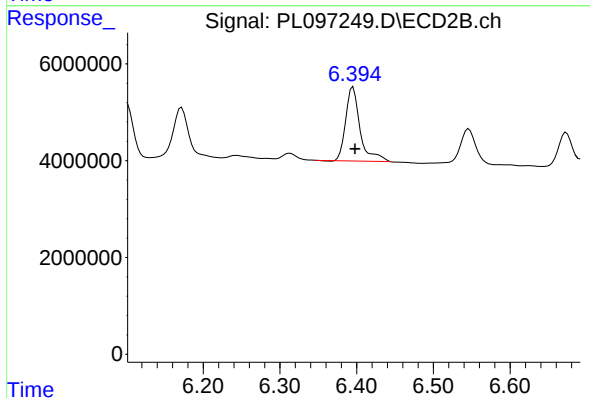
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 14206437
Conc: 4.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

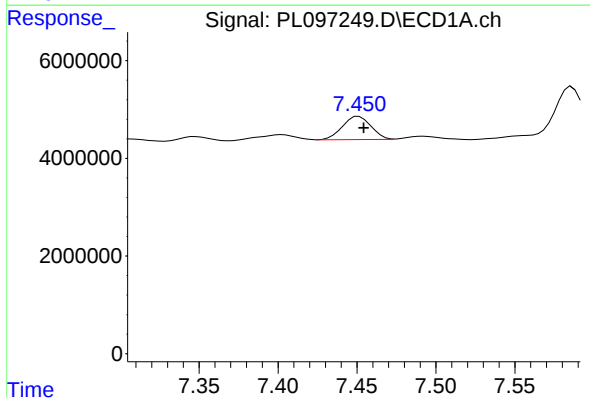
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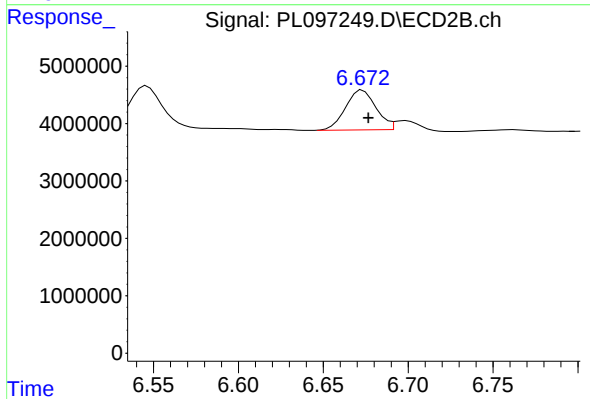
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 20030126
Conc: 3.57 ng/ml



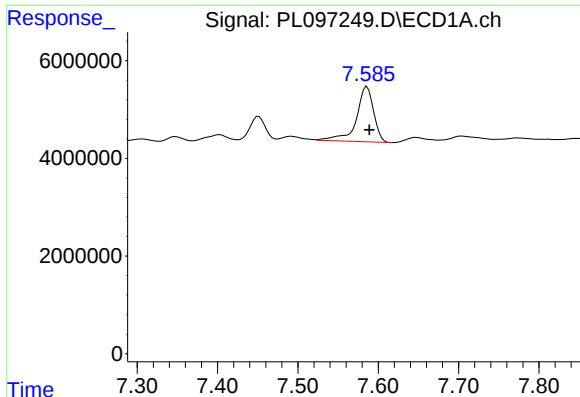
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 6016147
Conc: 3.47 ng/ml m



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 8474807
Conc: 2.83 ng/ml m



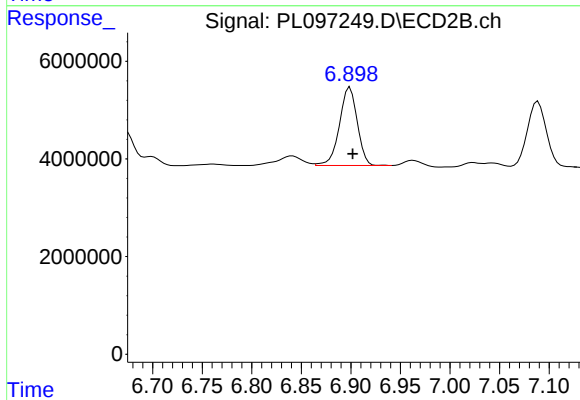
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 16877676
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

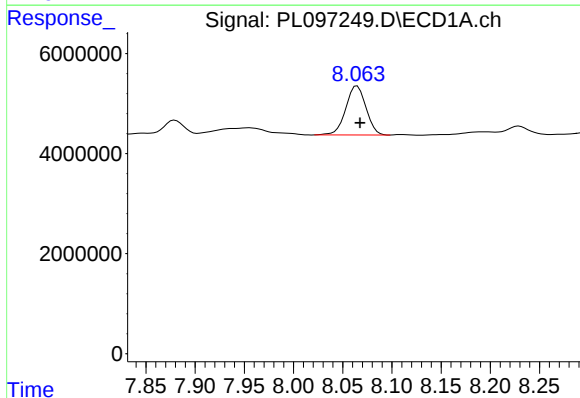
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/18/2025
Supervised By :mohammad ahmed 09/19/2025



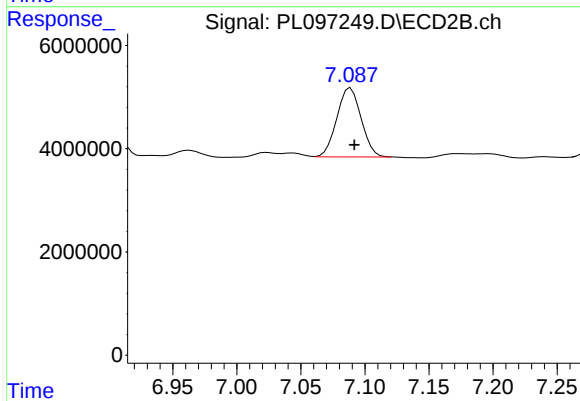
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 20042456
Conc: 3.20 ng/ml



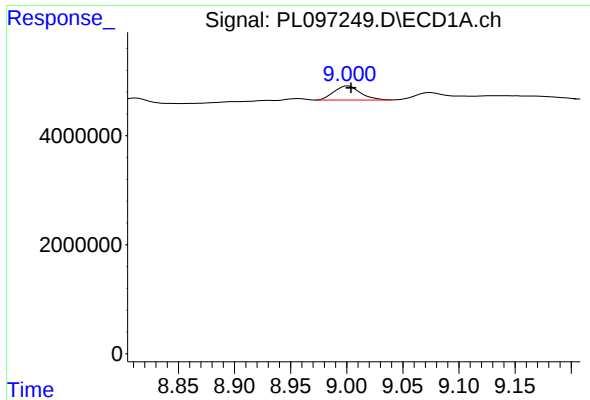
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 14022100
Conc: 4.69 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 17602022
Conc: 3.62 ng/ml m



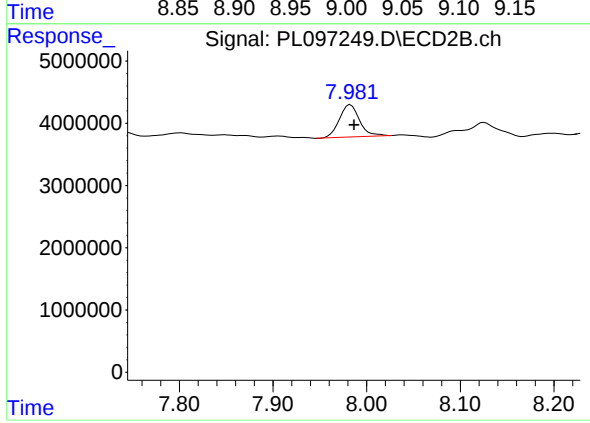
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 4294653
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 7752980
Conc: 1.62 ng/ml