

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
 Data File : PL097250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Sep 2025 18:30
 Operator : AR\AJ
 Sample : Q3118-01MSD 10X
 Misc :
 ALS Vial : 11 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 02:01:15 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...	3.526	2.824	6553093	11003659	1.662m	1.952
28) SA Decachlor...	9.000	7.983	5778749	8097143	1.952m	1.688
Target Compounds						
2) A alpha-BHC	3.974	3.329	24594447	31315948	4.245	3.814
3) MA gamma-BHC...	4.302	3.661	24057475	29787416	4.405	4.044
4) MA Heptachlor	4.893	4.009	23360044	29479921	4.381	3.918
5) MB Aldrin	5.232	4.288	22770023	23995960	4.334	3.412m
6) B beta-BHC	4.490	3.957	10166760	14253234	4.445	4.369
7) B delta-BHC	4.733	4.189	21502920	27998050	4.778m	3.810
8) B Heptachlo...	5.650	4.792	24674790	26776105	4.795m	4.233
9) A Endosulfan I	6.033	5.164	19854072	27084024	4.621	4.521
10) B gamma-Chl...	5.904	5.043	21088922	26584864	4.579m	4.021m
11) B alpha-Chl...	5.985	5.107	20045443	28605316	4.260	4.381m
12) B 4,4'-DDE	6.155	5.295	15950340	24204885	3.997m	3.933m
13) MA Dieldrin	6.304	5.426	18524477	28496488	4.080m	4.349m
14) MA Endrin	6.532	5.702	14819330	24861457	3.957	4.209
15) B Endosulfa...	6.743	5.993	17925047	22144412	4.069m	3.872m
16) A 4,4'-DDD	6.664	5.847	15653600	19820370	4.960	3.795m
17) MA 4,4'-DDT	6.977	6.100	11371076	14076841	3.247m	2.570m
18) B Endrin al...	6.873	6.172	10269715	14911448	3.948	N.D. #
19) B Endosulfa...	7.107	6.394	14111646	19792871	4.110	3.533m
20) A Methoxychlor	7.452	6.672	5717336	9317851	3.294	3.106m
21) B Endrin ke...	7.585	6.899	14748574	20677212	4.148m	3.304
22) Mirex	8.065	7.088	13700277	17875494	4.579	3.681m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091825\
Data File : PL097250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Sep 2025 18:30
Operator : AR\AJ
Sample : Q3118-01MSD 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

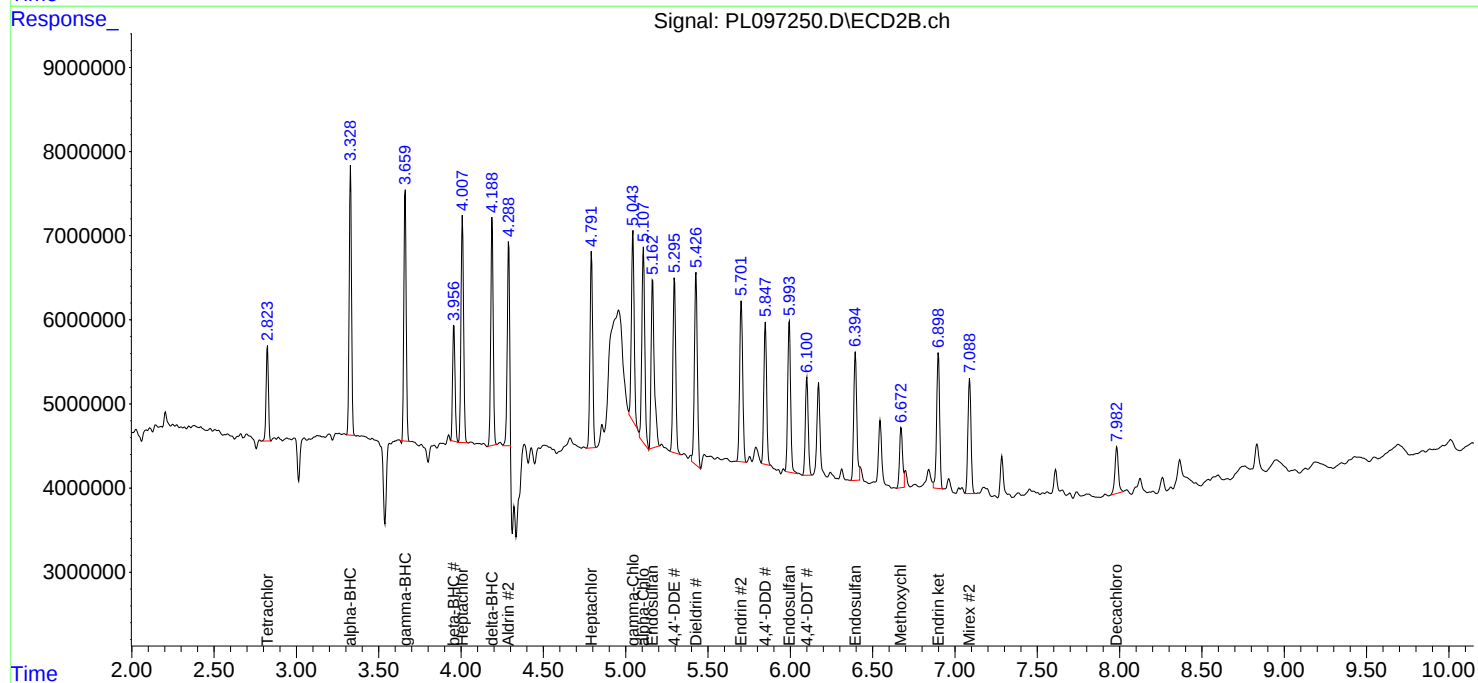
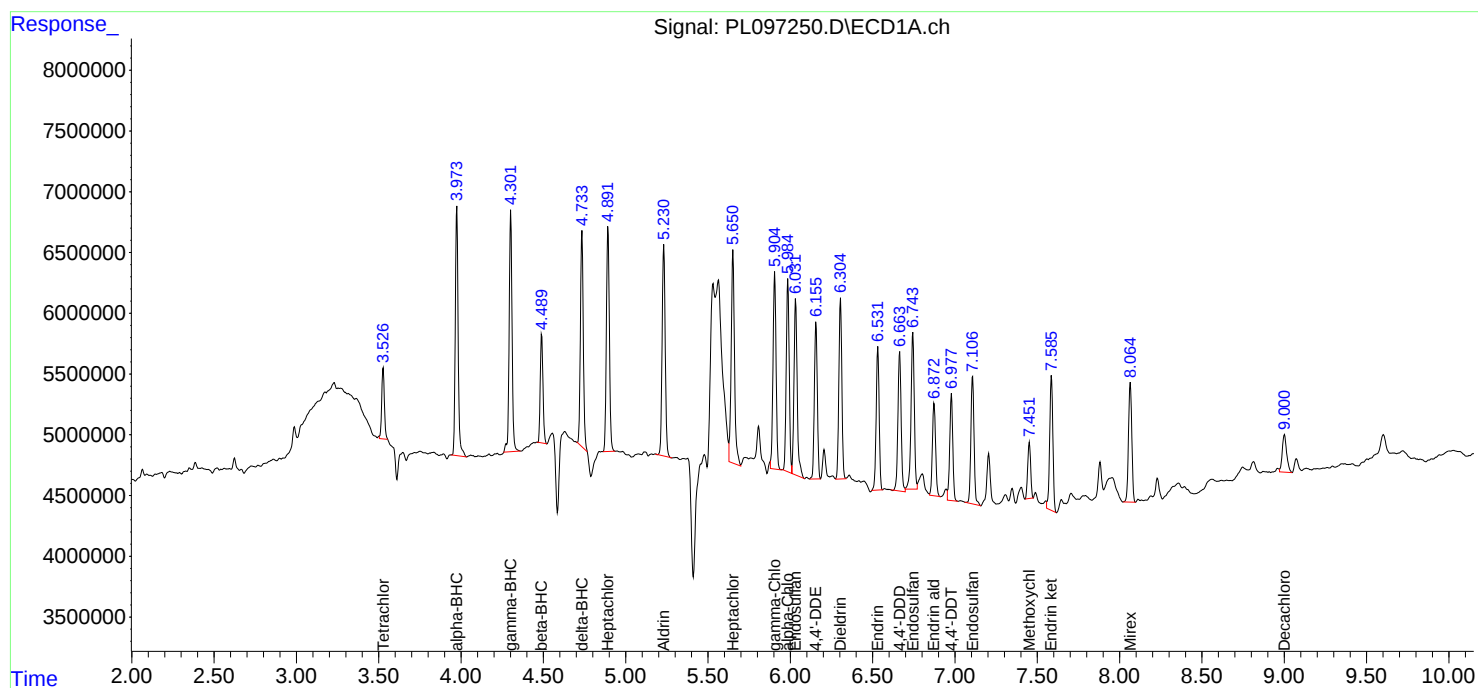
Instrument :
ECD_L
ClientSampleId :
EO-01-091625

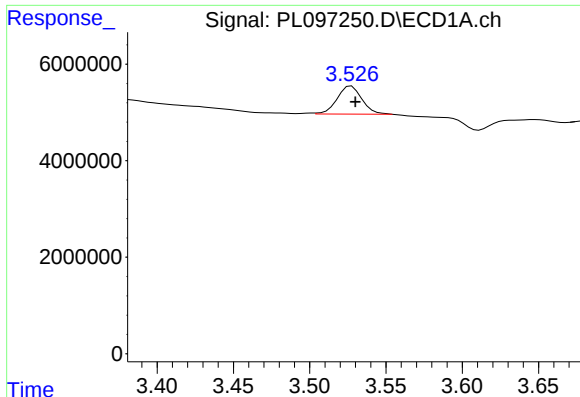
Manual Integrations
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Supervised By :mohammad ahmed 09/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 18 02:01:15 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
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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





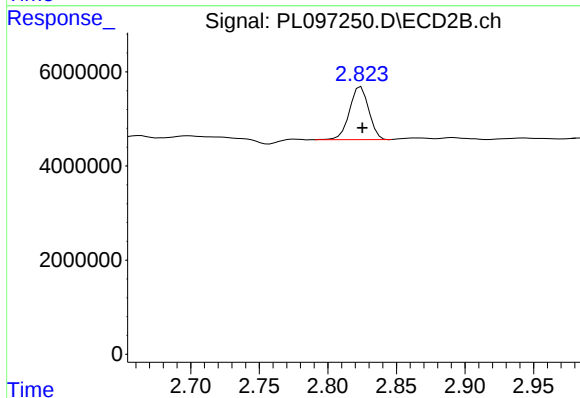
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 6553093
Conc: 1.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

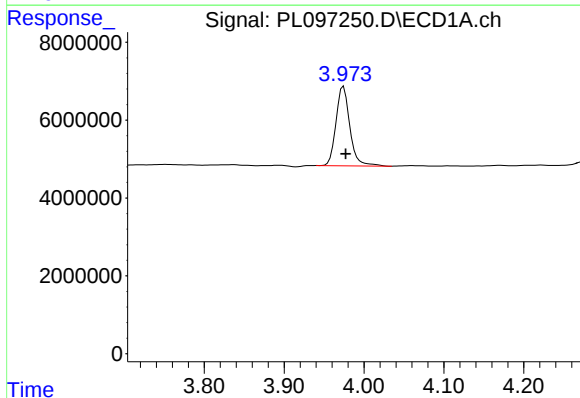
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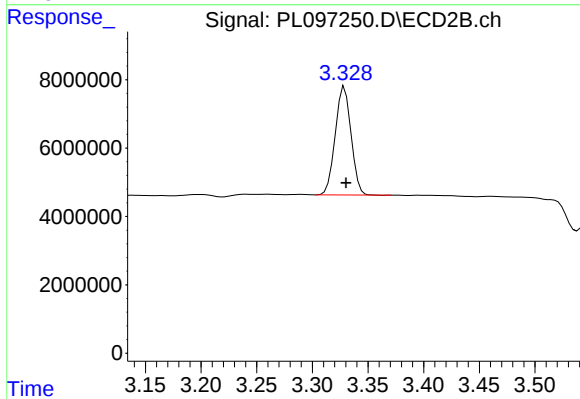
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.001 min
Response: 11003659
Conc: 1.95 ng/ml



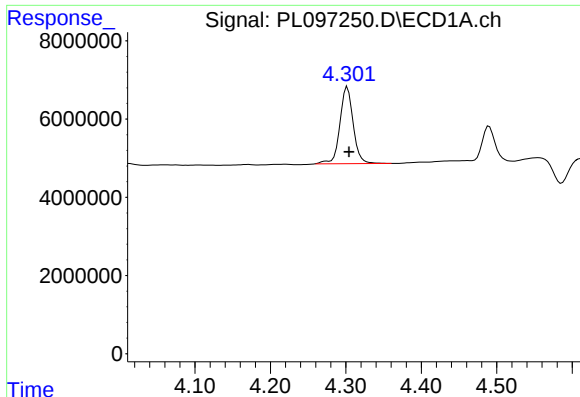
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 24594447
Conc: 4.24 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 31315948
Conc: 3.81 ng/ml



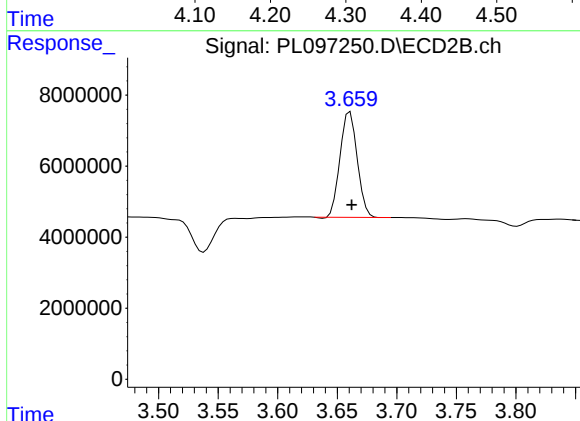
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 24057475
Conc: 4.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

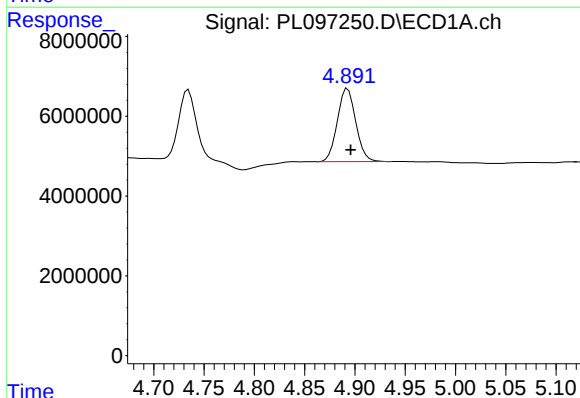
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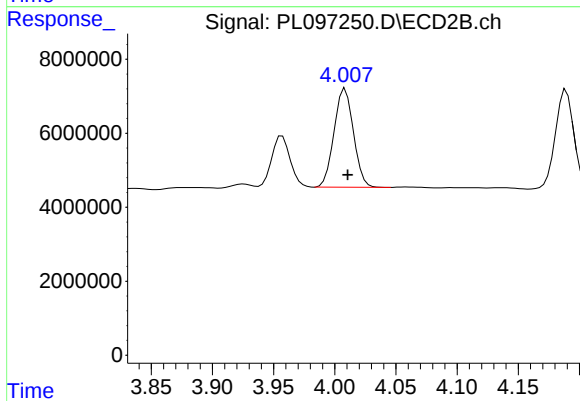
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: -0.001 min
Response: 29787416
Conc: 4.04 ng/ml



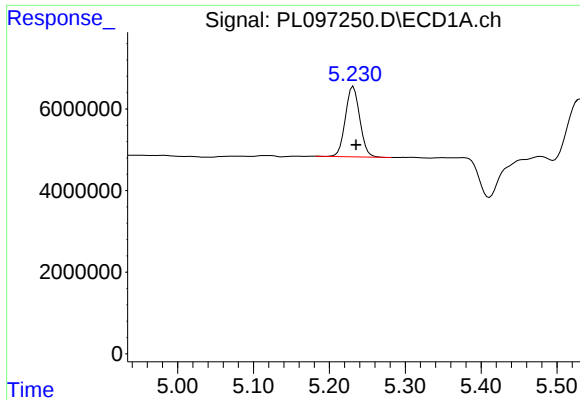
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 23360044
Conc: 4.38 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.002 min
Response: 29479921
Conc: 3.92 ng/ml



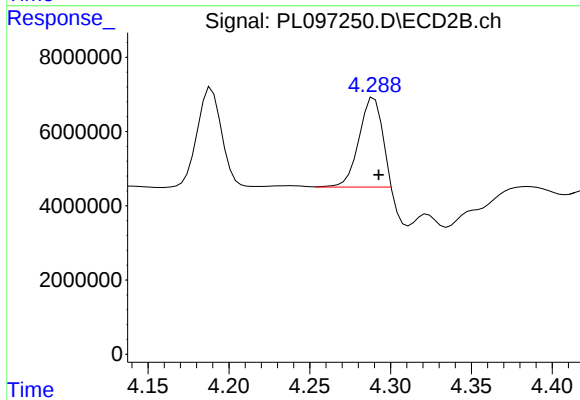
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 22770023
Conc: 4.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

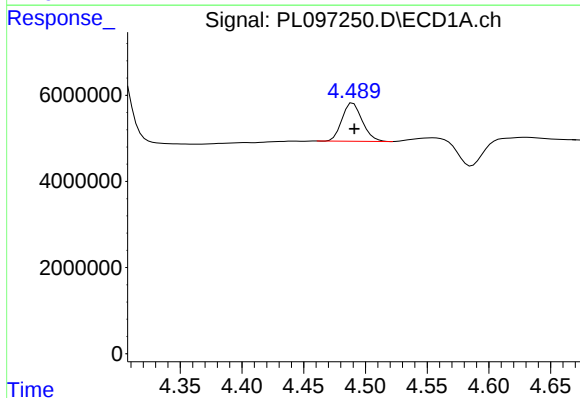
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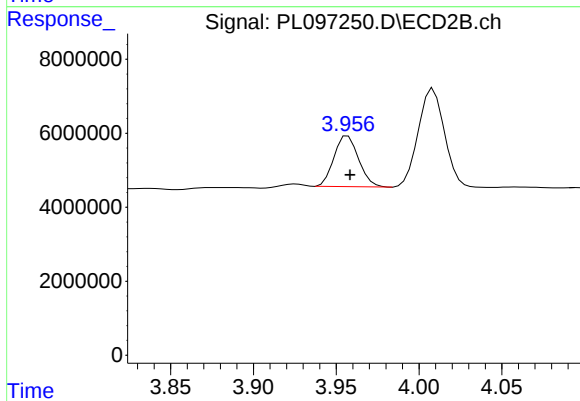
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: -0.004 min
Response: 23995960
Conc: 3.41 ng/ml m



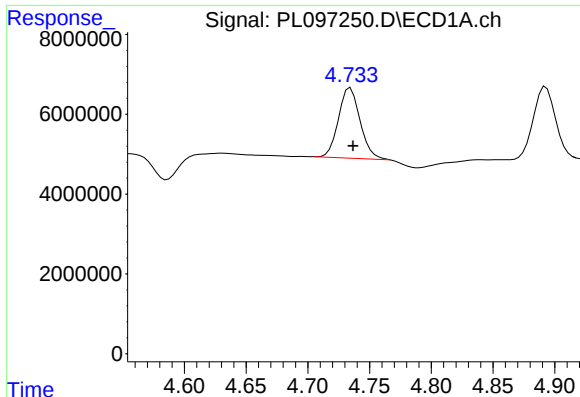
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 10166760
Conc: 4.45 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 14253234
Conc: 4.37 ng/ml



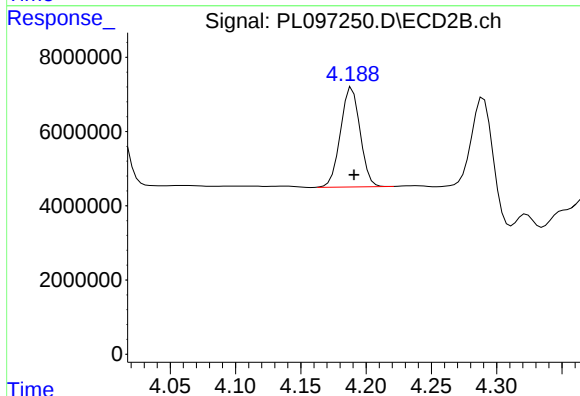
#7 delta-BHC

R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 21502920
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

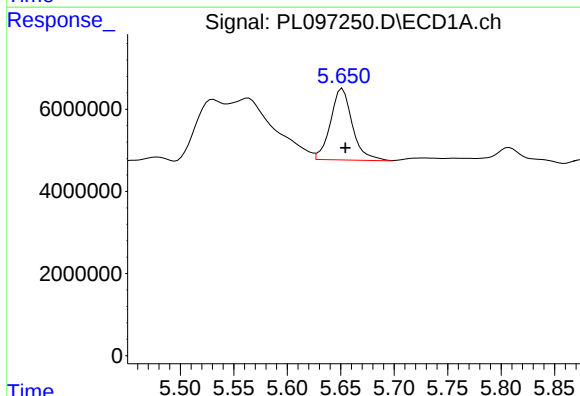
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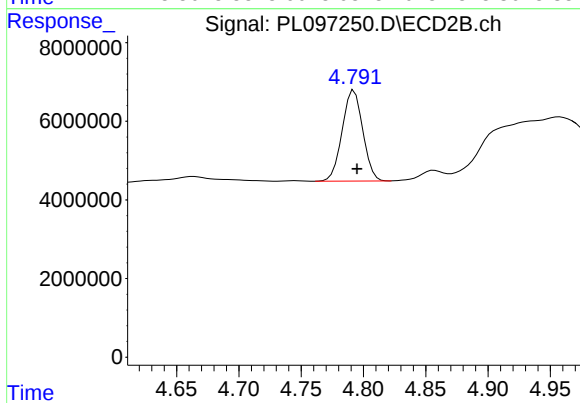
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 27998050
Conc: 3.81 ng/ml



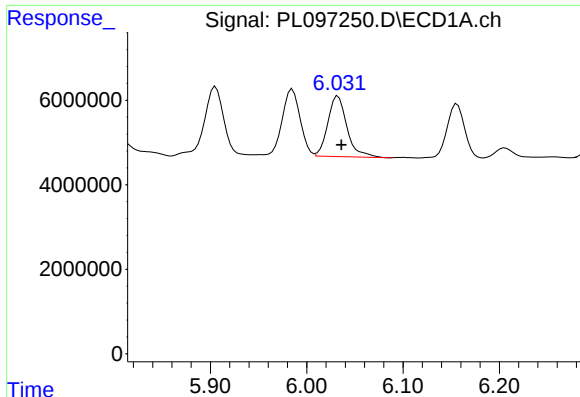
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 24674790
Conc: 4.80 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 26776105
Conc: 4.23 ng/ml



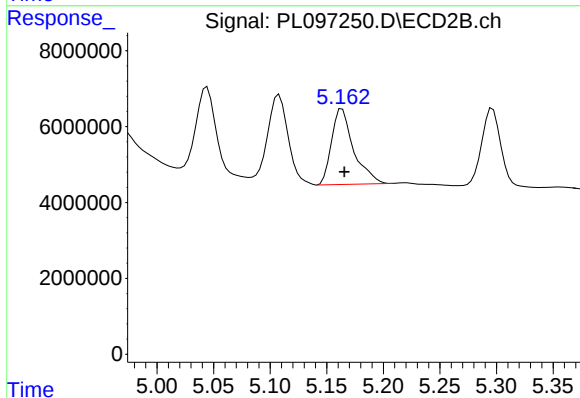
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 19854072
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

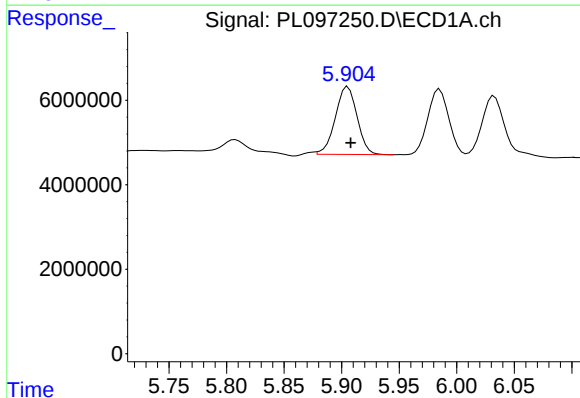
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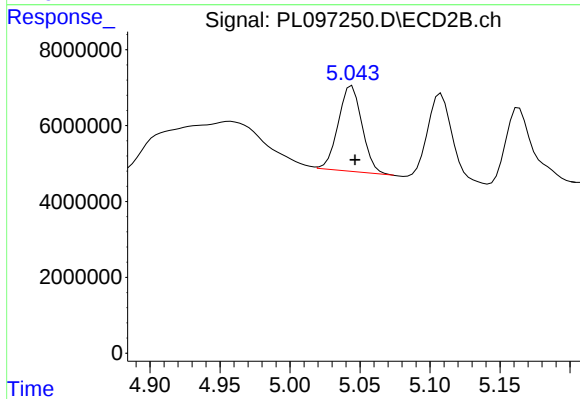
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.002 min
Response: 27084024
Conc: 4.52 ng/ml



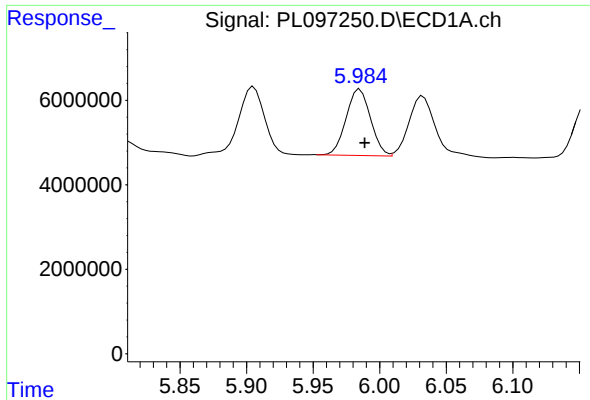
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 21088922
Conc: 4.58 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.004 min
Response: 26584864
Conc: 4.02 ng/ml m



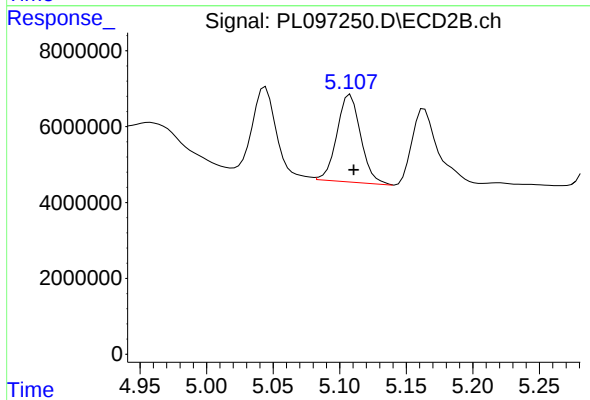
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 20045443
Conc: 4.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

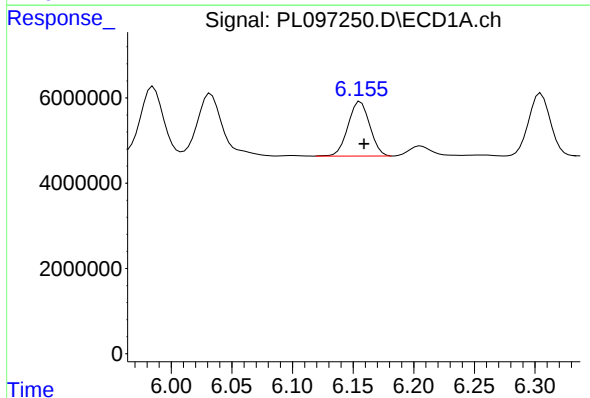
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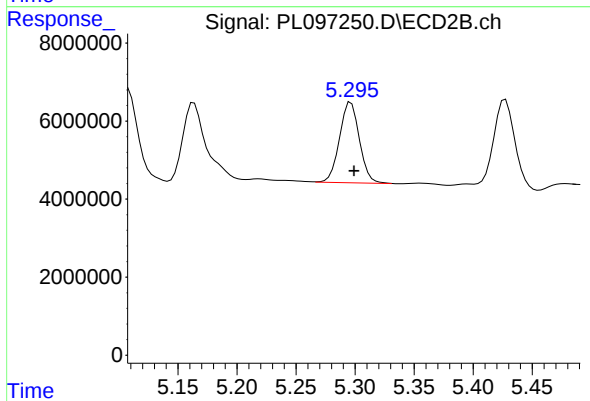
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 28605316
Conc: 4.38 ng/ml m



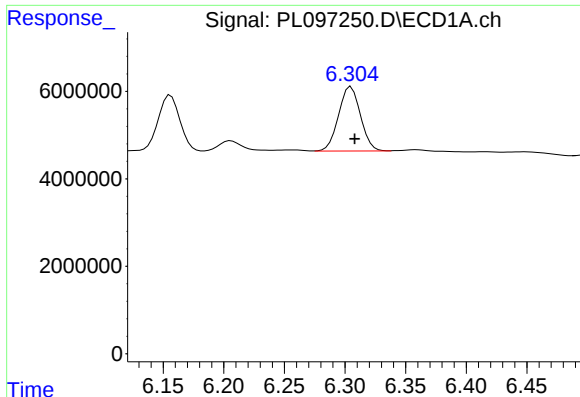
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 15950340
Conc: 4.00 ng/ml m



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 24204885
Conc: 3.93 ng/ml m



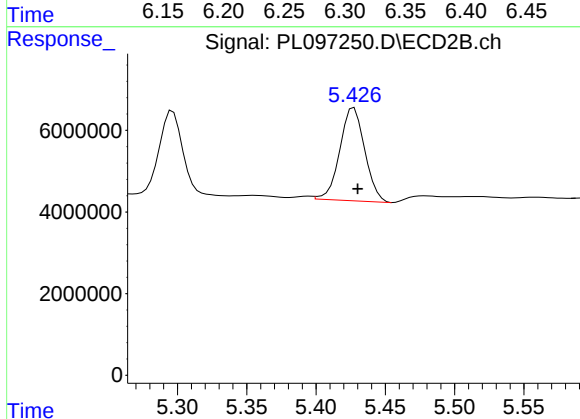
#13 Dieldrin

R.T.: 6.304 min
Delta R.T.: -0.005 min
Response: 18524477
Conc: 4.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

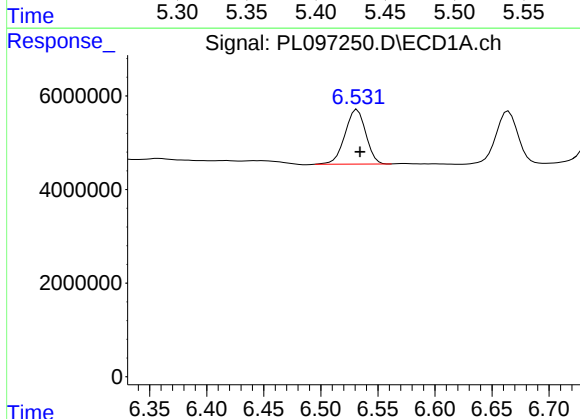
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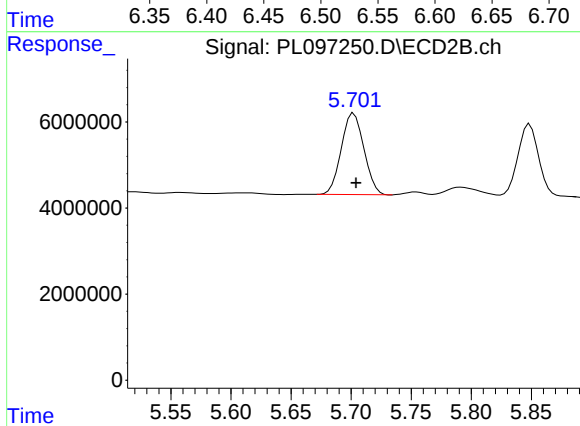
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 28496488
Conc: 4.35 ng/ml m



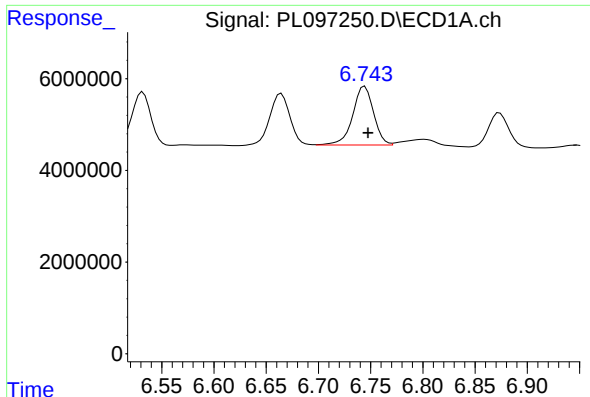
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 14819330
Conc: 3.96 ng/ml



#14 Endrin

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 24861457
Conc: 4.21 ng/ml



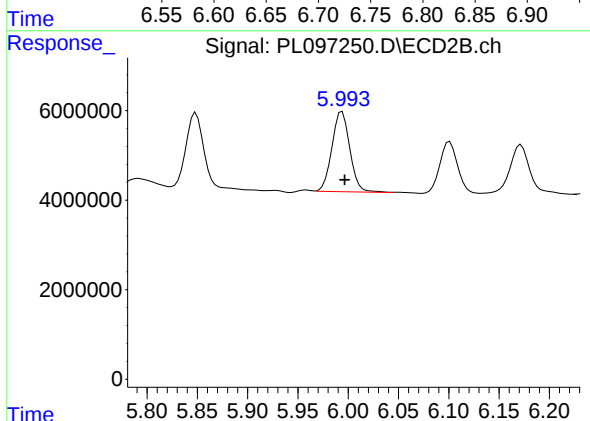
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.005 min
Response: 17925047
Conc: 4.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

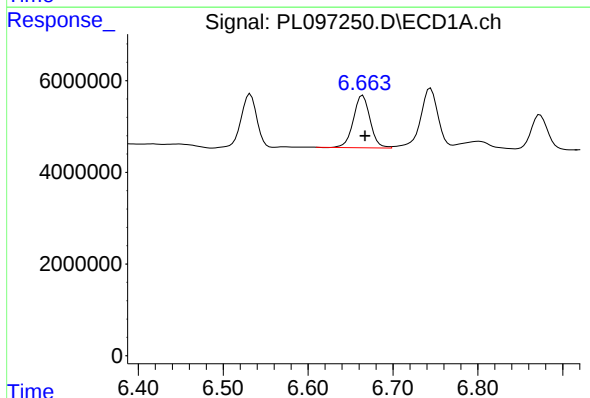
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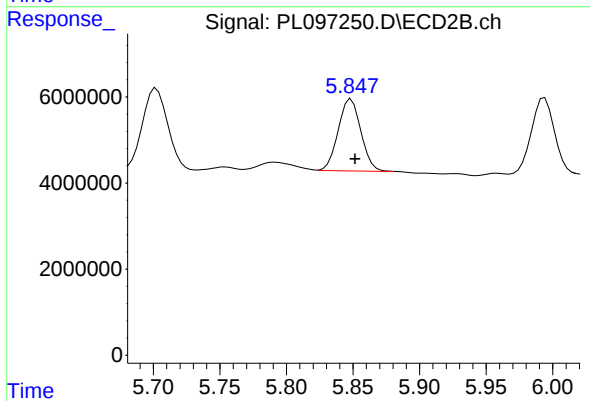
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 22144412
Conc: 3.87 ng/ml m



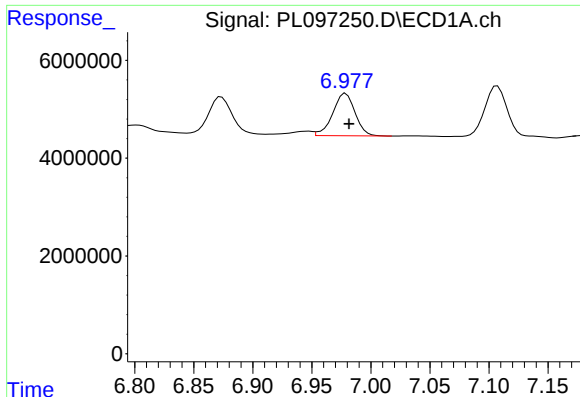
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 15653600
Conc: 4.96 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 19820370
Conc: 3.80 ng/ml m



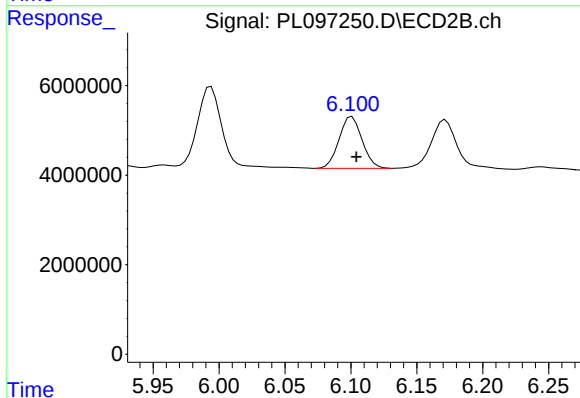
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 11371076
Conc: 3.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

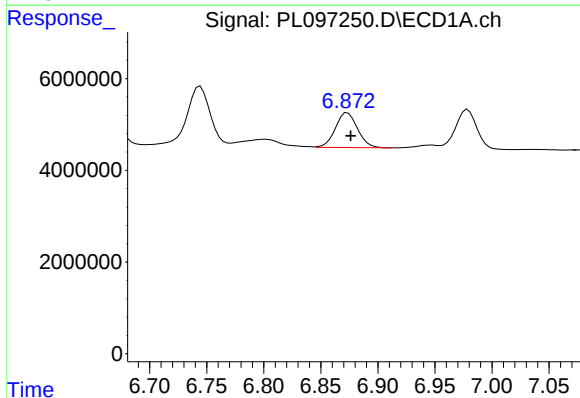
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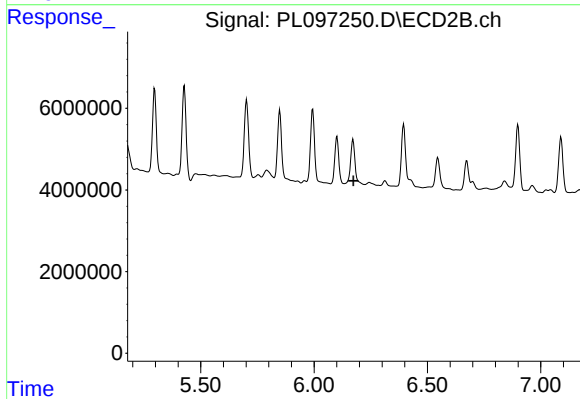
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.005 min
Response: 14076841
Conc: 2.57 ng/ml m



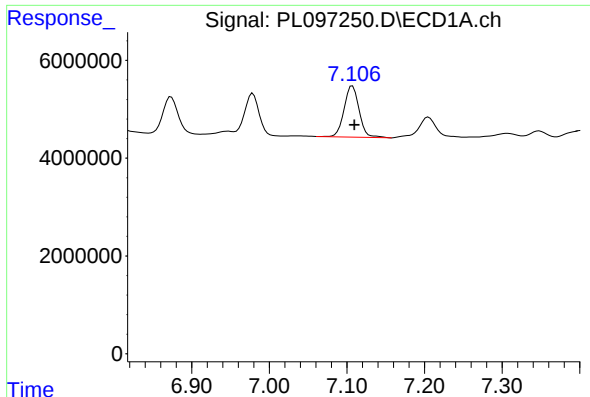
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 10269715
Conc: 3.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 14911448
Conc: N.D.



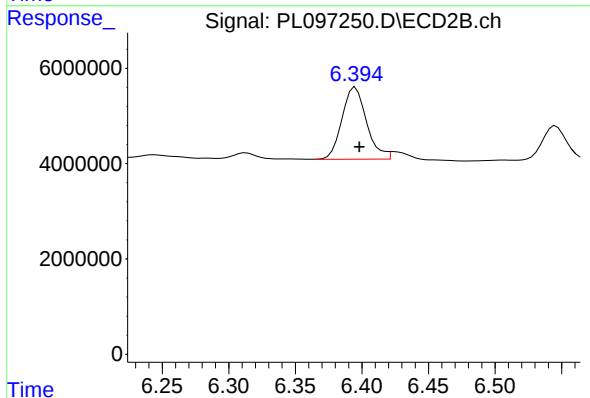
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 14111646
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

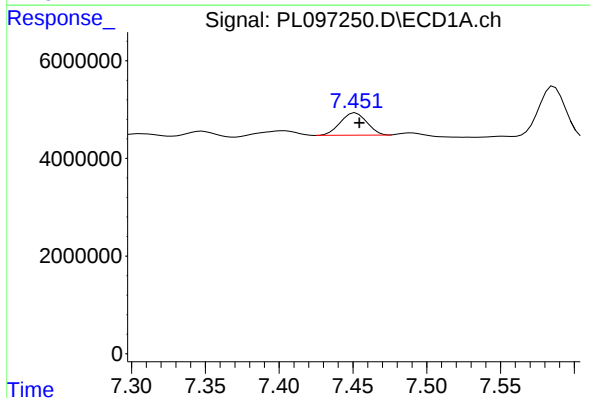
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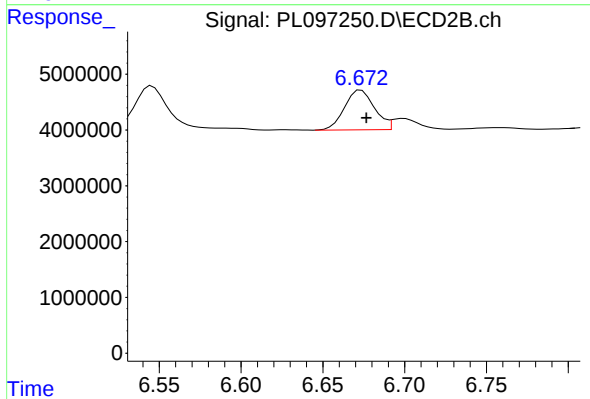
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 19792871
Conc: 3.53 ng/ml m



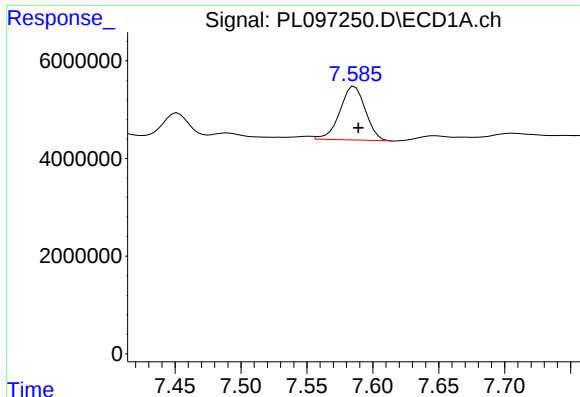
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 5717336
Conc: 3.29 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.005 min
Response: 9317851
Conc: 3.11 ng/ml m



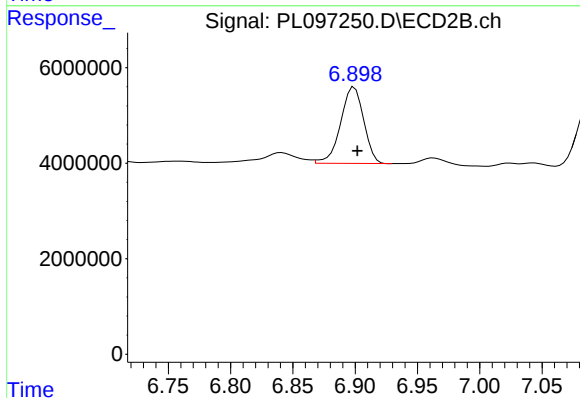
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 14748574
Conc: 4.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
EO-01-091625

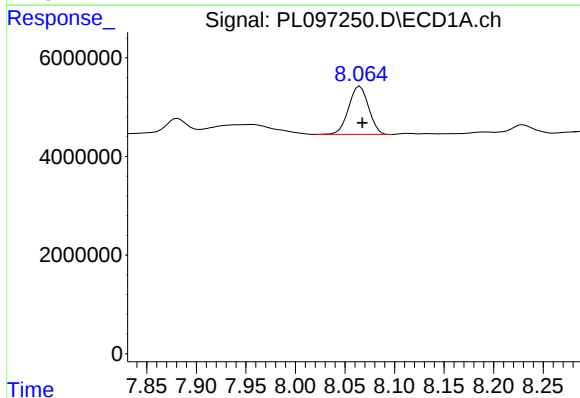
Manual Integrations
APPROVED

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



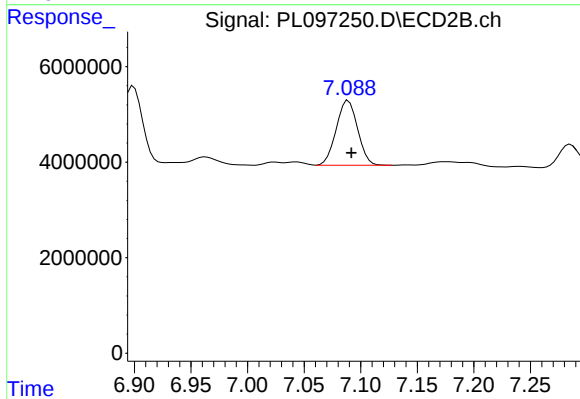
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 20677212
Conc: 3.30 ng/ml



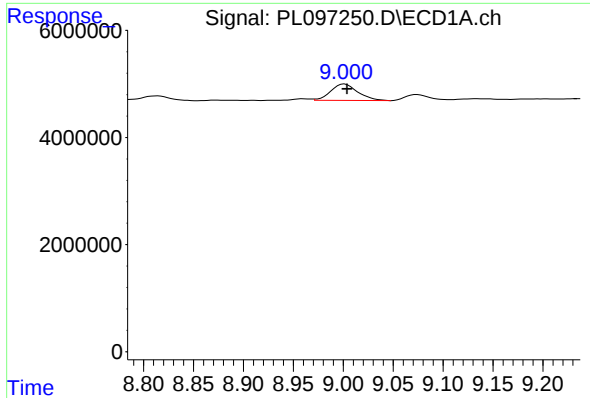
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 13700277
Conc: 4.58 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 17875494
Conc: 3.68 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 5778749
Conc: 1.95 ng/ml

Instrument :

ECD_L

ClientSampleId :

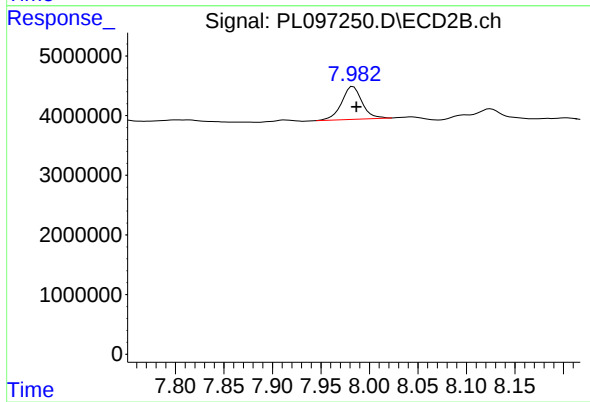
EO-01-091625

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 8097143
Conc: 1.69 ng/ml