

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
 Data File : PL094757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 20:39
 Operator : AR\AJ
 Sample : Q1598-03MS 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11944MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/20/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:11:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.768	8805772	10844094	3.111m	3.038m
28) SA Decachlor...	9.049	7.900	8014672	18379379	3.803	4.550m
Target Compounds						
2) A alpha-BHC	3.990	3.270	28605930	29368768	6.889m	5.447m
3) MA gamma-BHC...	4.324	3.601	27727487	28413699	6.949	5.529
4) MA Heptachlor	4.911	3.939	24101552	28764158	6.209	5.459
5) MB Aldrin	5.253	4.218	23062667	27195794	6.246	5.577
6) B beta-BHC	4.522	3.902	12801405	14969453	6.938m	6.739
7) B delta-BHC	4.765	4.130	40919073	20246141	10.507m	4.048 #
8) B Heptachlo...	5.679	4.721	21513856	24409318	6.431m	5.331
9) A Endosulfan I	6.065	5.092	21205873	35189485	6.907	8.018
10) B gamma-Chl...	5.934	4.971	23435836	28947014	6.956m	5.995
11) B alpha-Chl...	6.013	5.034	21364801	28372470	6.480m	5.945
12) B 4,4'-DDE	6.187	5.221	20930552	29039442	7.114m	6.247m
13) MA Dieldrin	6.340	5.354	21978451	30201584	6.872	6.225
14) MA Endrin	6.569	5.629	17759235	31380871	6.406m	7.191m
15) B Endosulfa...	6.789	5.924	19109070	29279596	7.039m	6.765m
16) A 4,4'-DDD	6.706	5.778	16867559	24770712	7.787	6.889
17) MA 4,4'-DDT	7.020	6.027	16466846	21103577	6.923	5.234
18) B Endrin al...	6.922	6.104	15795250	18608523	7.482	5.529 #
19) B Endosulfa...	7.153	6.327	16347560	26975433	6.722m	6.622
20) A Methoxychlor	7.496	6.603	8263314	13712789	6.903m	6.465
21) B Endrin ke...	7.638	6.831	21531404	32800766	8.146m	6.873m
22) Mirex	8.111	7.010	17933380	24906489	8.679m	6.562m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
Data File : PL094757.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 20:39
Operator : AR\AJ
Sample : Q1598-03MS 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

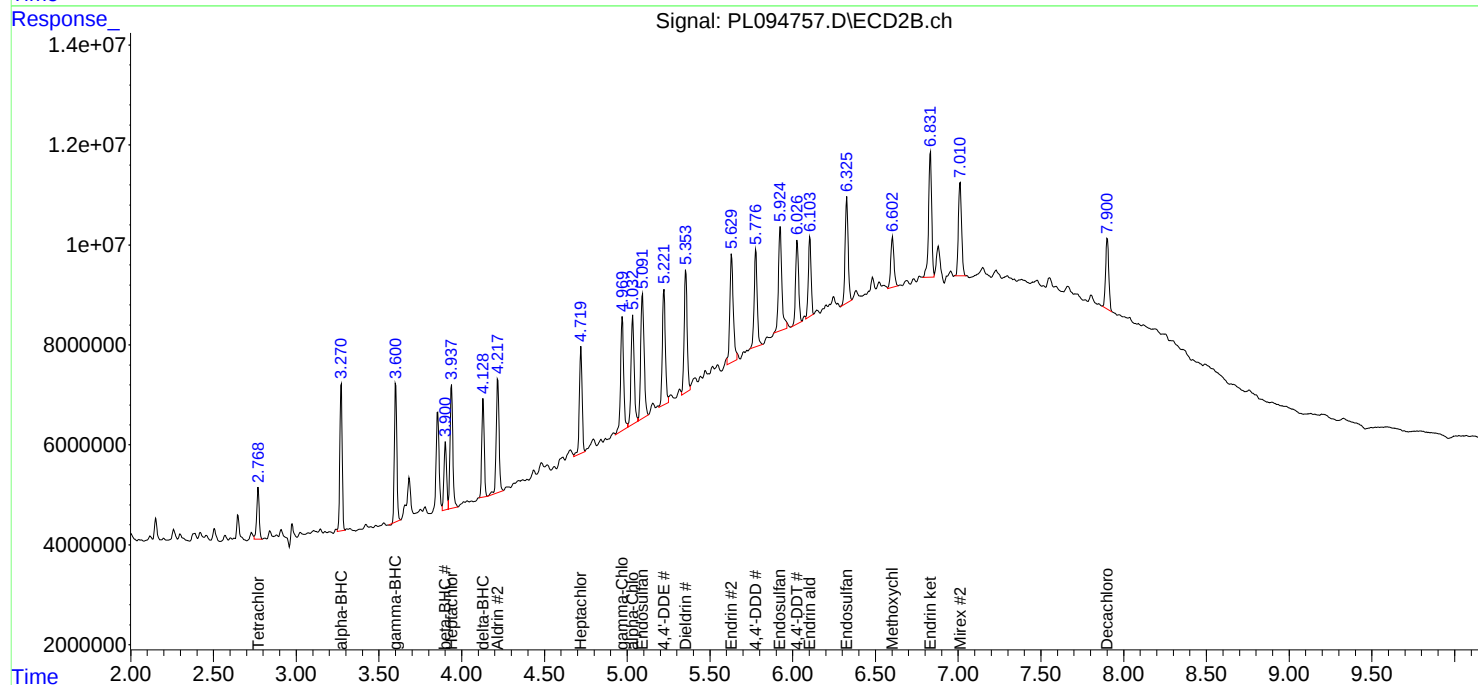
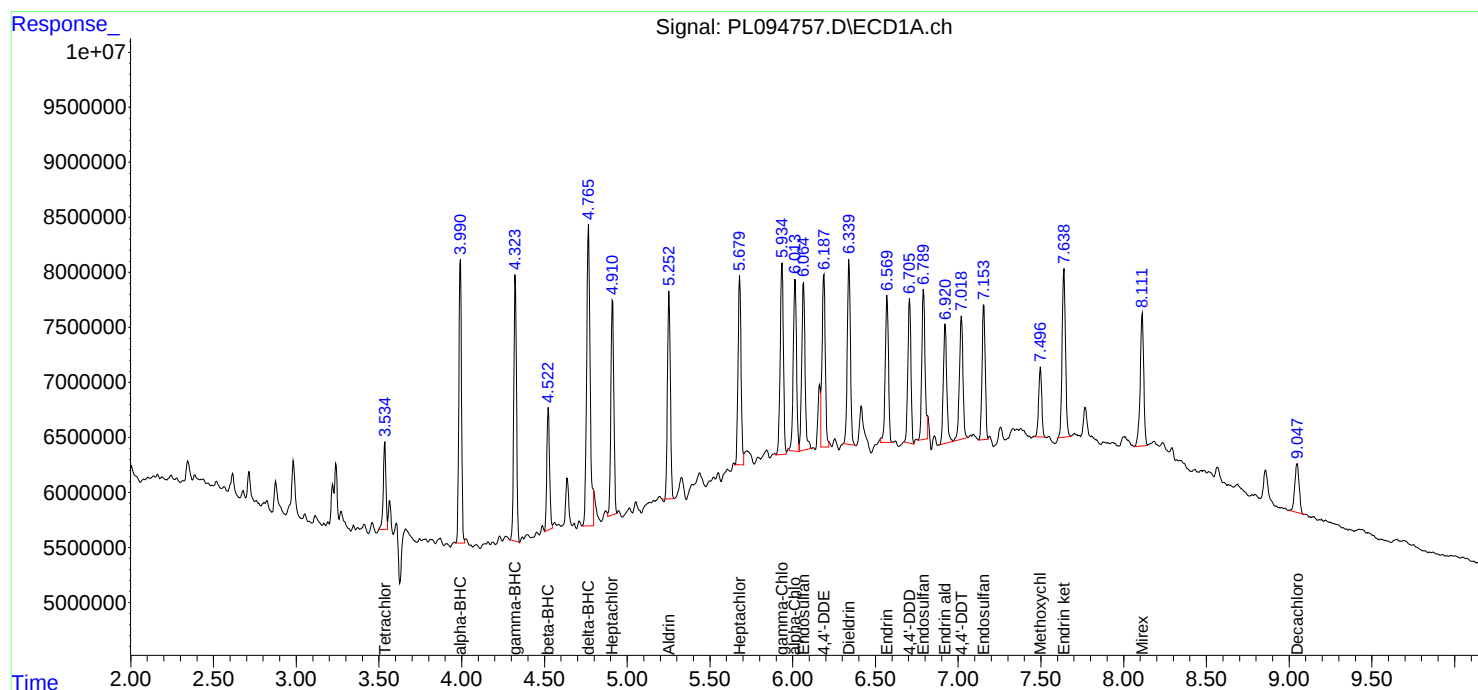
Instrument :
ECD_L
ClientSampleId :
72-11944MS

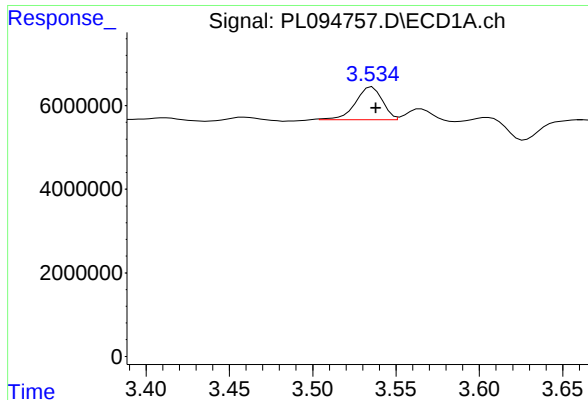
Manual Integrations
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Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:11:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





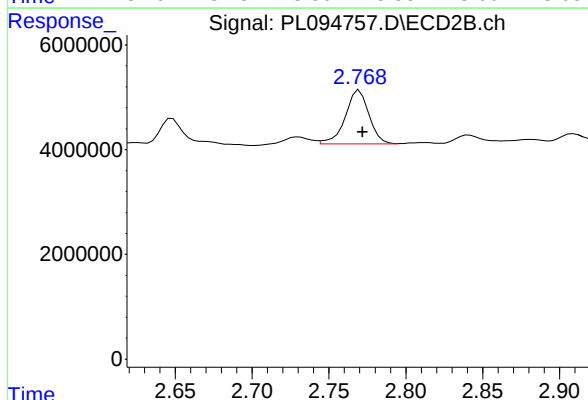
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 8805772
Conc: 3.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

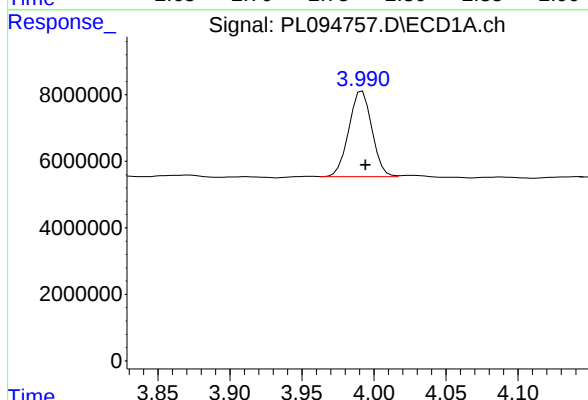
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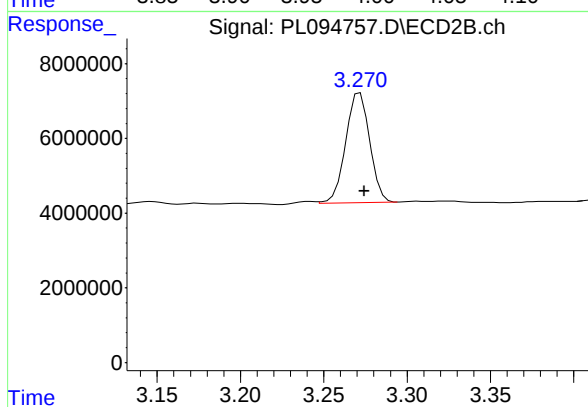
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 10844094
Conc: 3.04 ng/ml m



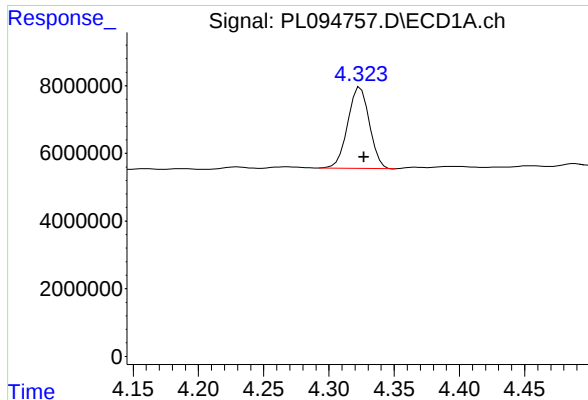
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 28605930
Conc: 6.89 ng/ml m



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 29368768
Conc: 5.45 ng/ml m



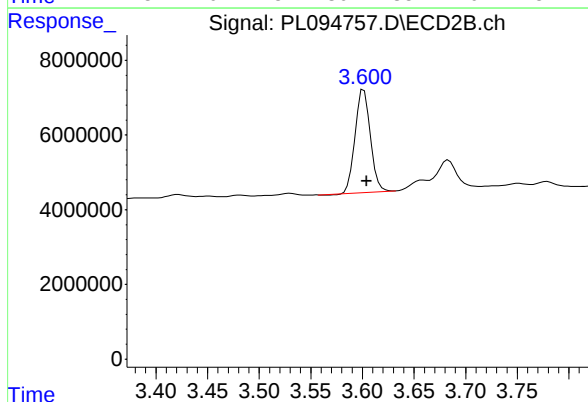
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 27727487
Conc: 6.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

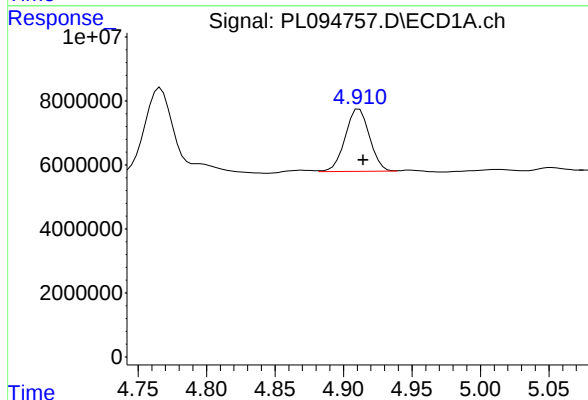
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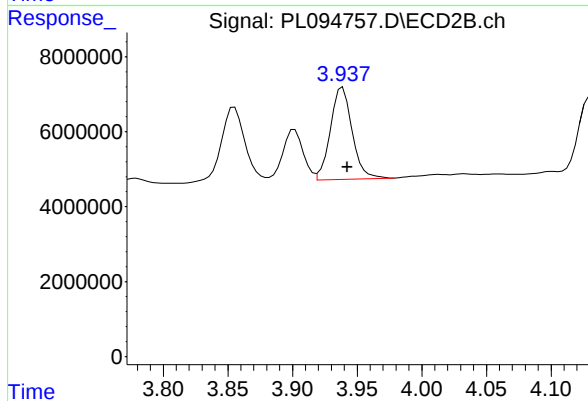
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 28413699
Conc: 5.53 ng/ml



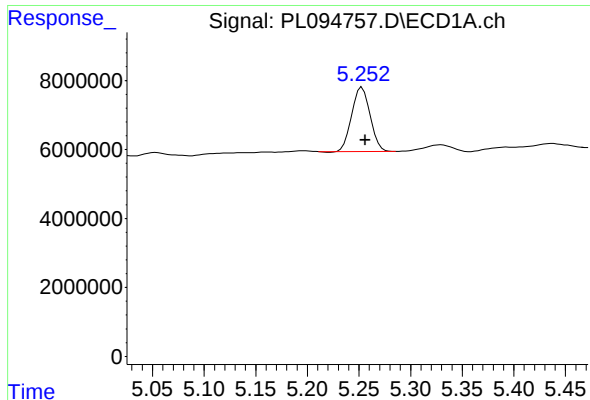
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 24101552
Conc: 6.21 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 28764158
Conc: 5.46 ng/ml



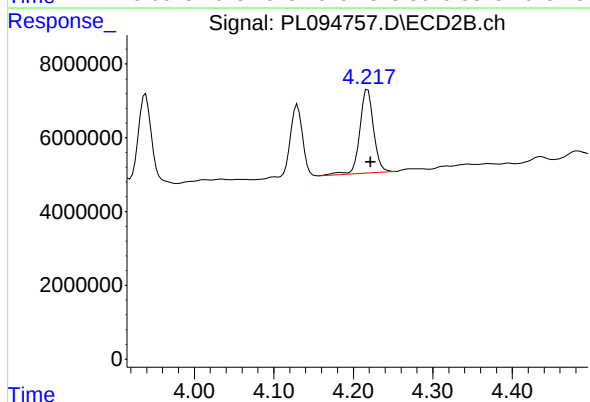
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 23062667
Conc: 6.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

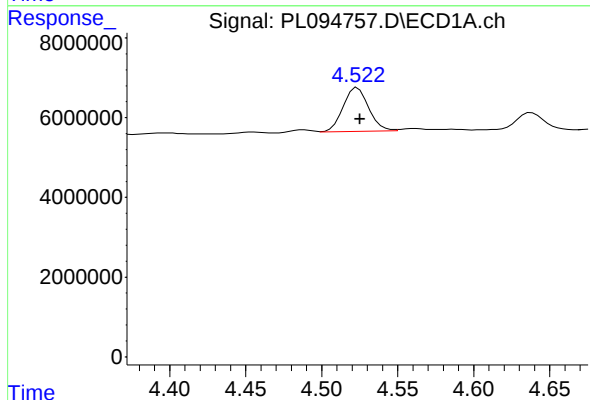
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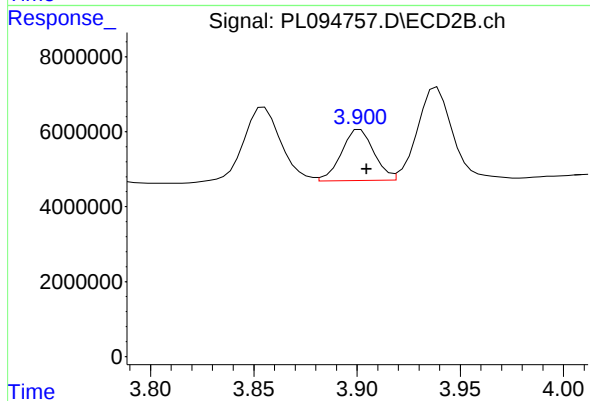
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 27195794
Conc: 5.58 ng/ml



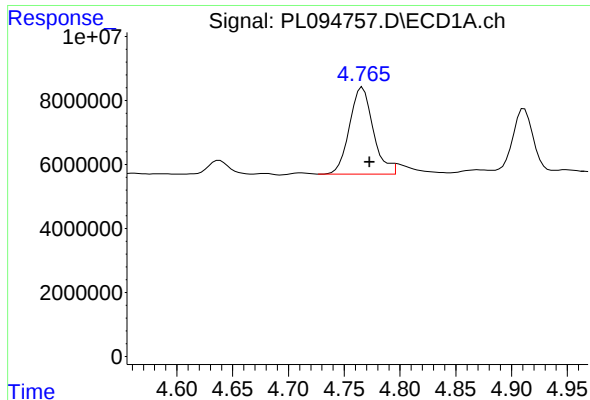
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 12801405
Conc: 6.94 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 14969453
Conc: 6.74 ng/ml



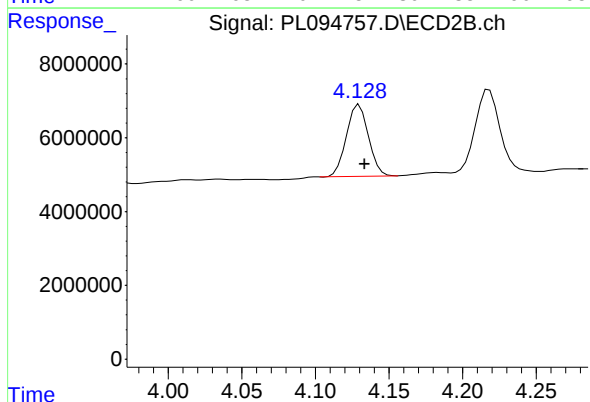
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 40919073
Conc: 10.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

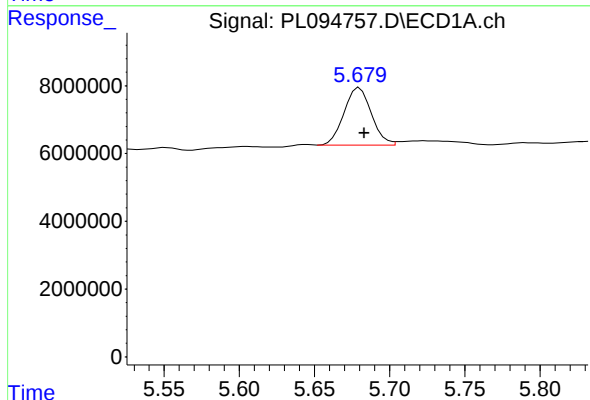
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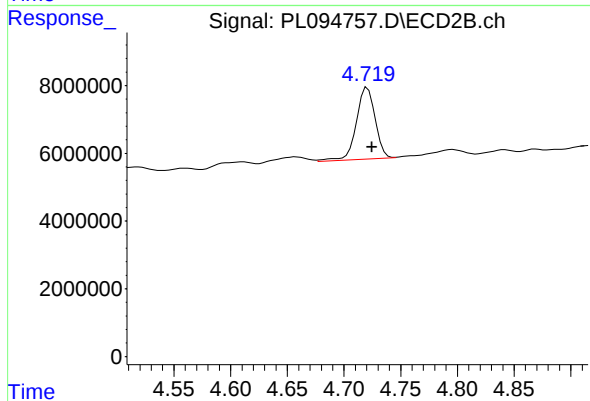
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 20246141
Conc: 4.05 ng/ml



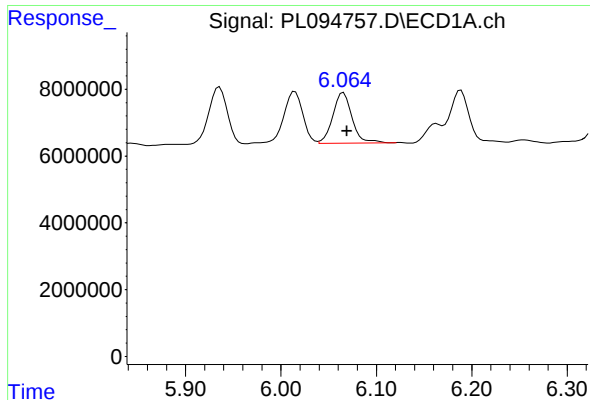
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.005 min
Response: 21513856
Conc: 6.43 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 24409318
Conc: 5.33 ng/ml



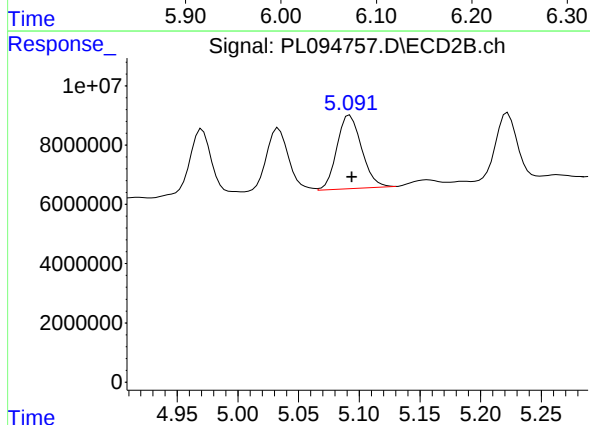
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 21205873
Conc: 6.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

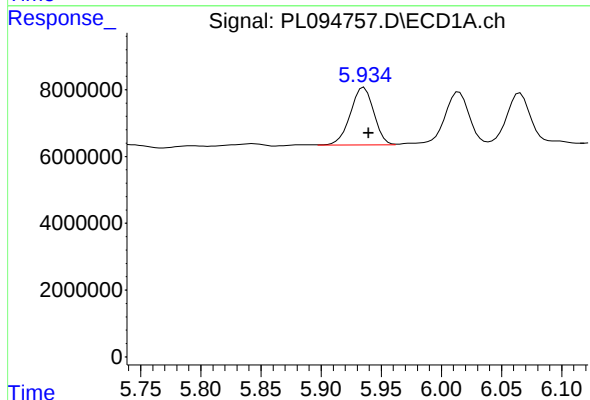
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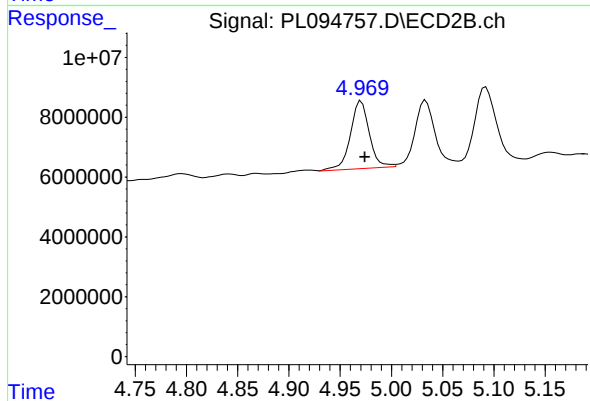
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 35189485
Conc: 8.02 ng/ml



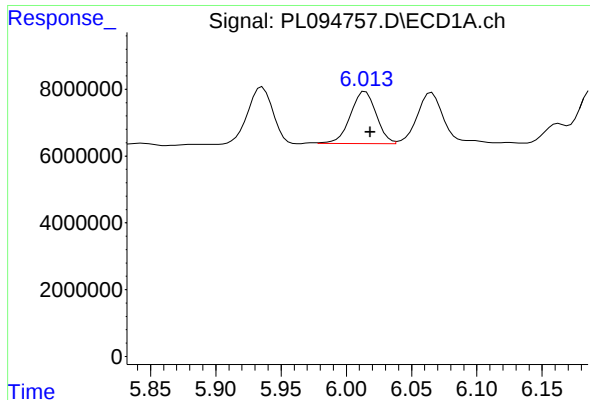
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.005 min
Response: 23435836
Conc: 6.96 ng/ml m



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 28947014
Conc: 6.00 ng/ml



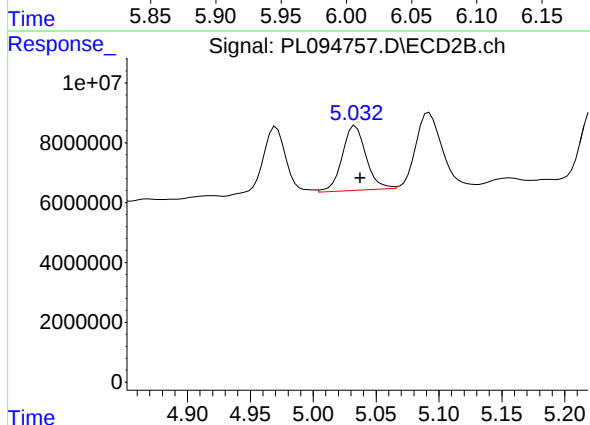
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 21364801
Conc: 6.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

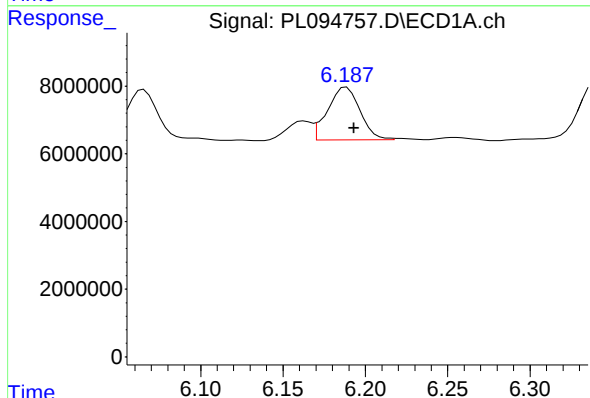
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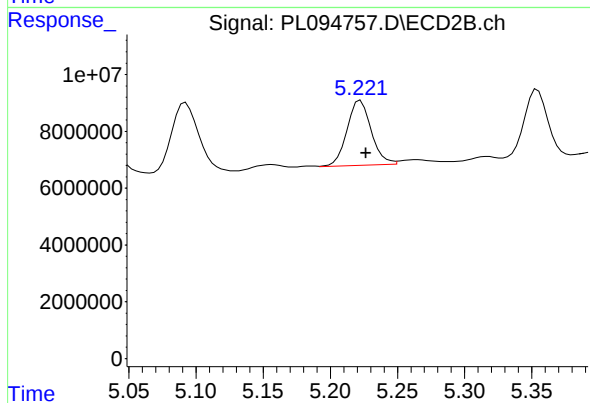
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 28372470
Conc: 5.94 ng/ml



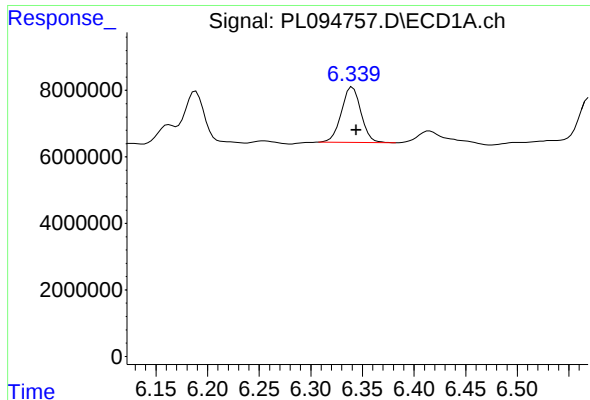
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 20930552
Conc: 7.11 ng/ml m



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 29039442
Conc: 6.25 ng/ml m



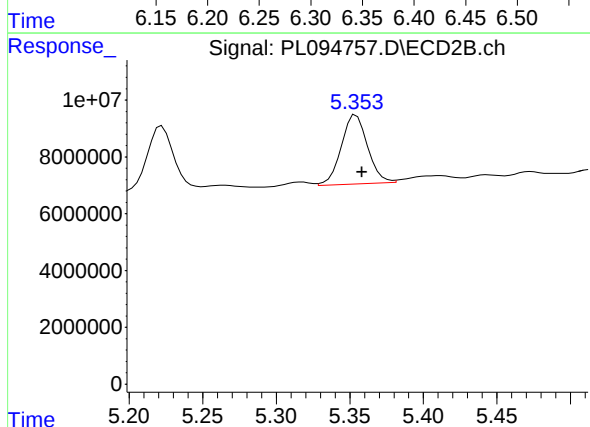
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 21978451
Conc: 6.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

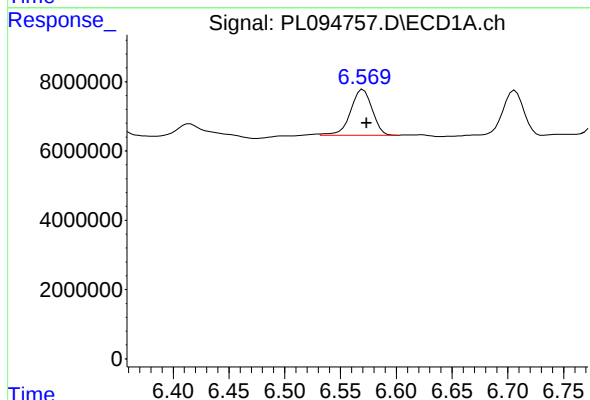
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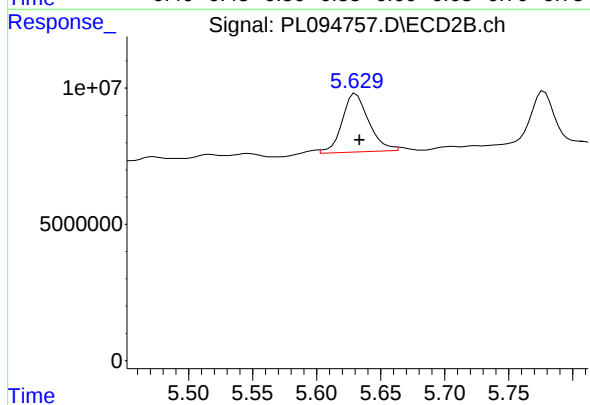
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 30201584
Conc: 6.22 ng/ml



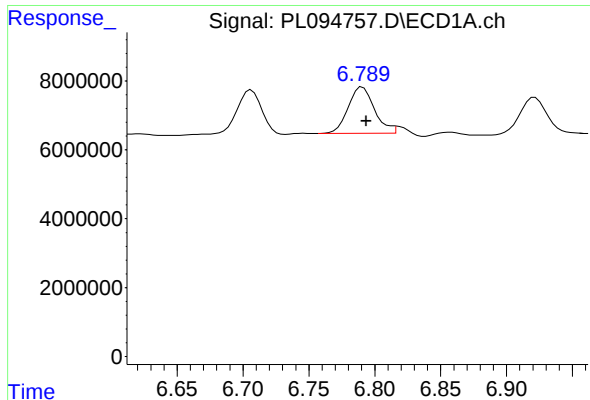
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 17759235
Conc: 6.41 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 31380871
Conc: 7.19 ng/ml m



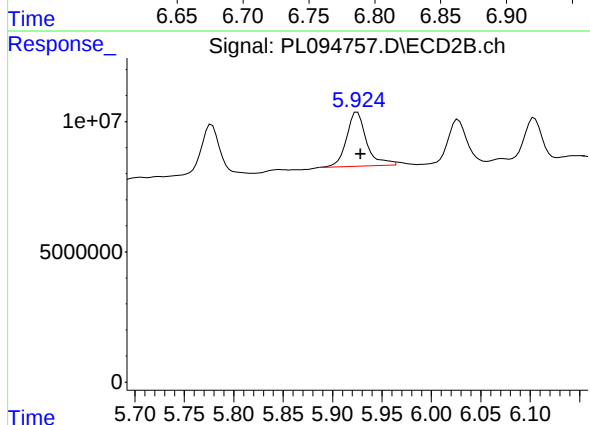
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 19109070
Conc: 7.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
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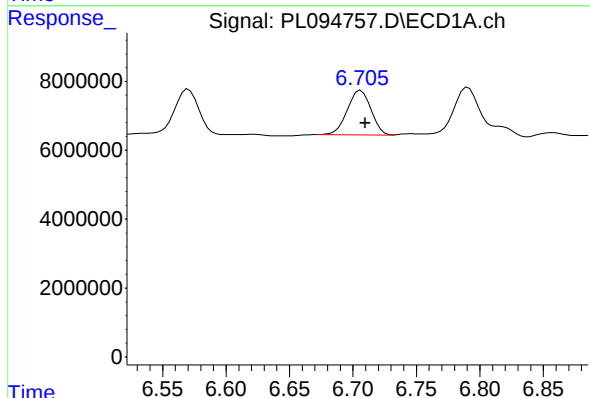
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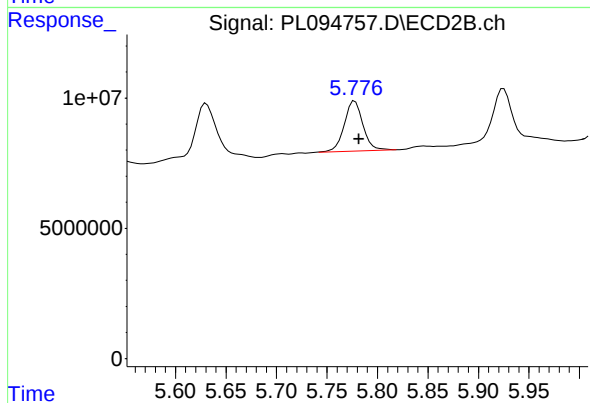
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 29279596
Conc: 6.76 ng/ml m



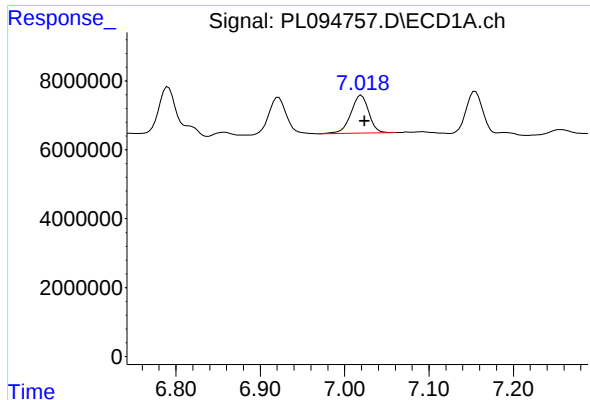
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.003 min
Response: 16867559
Conc: 7.79 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 24770712
Conc: 6.89 ng/ml



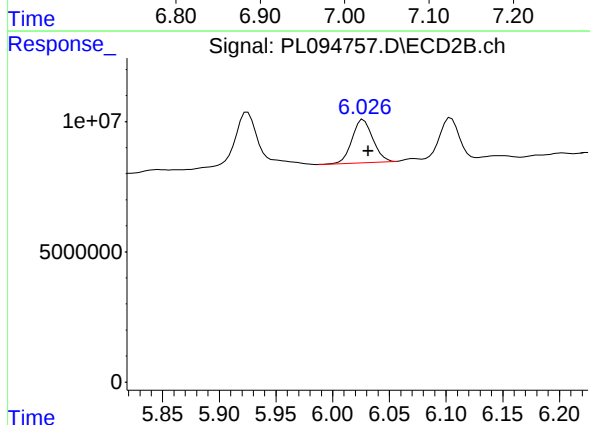
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 16466846
Conc: 6.92 ng/ml

Instrument :
ECD_L
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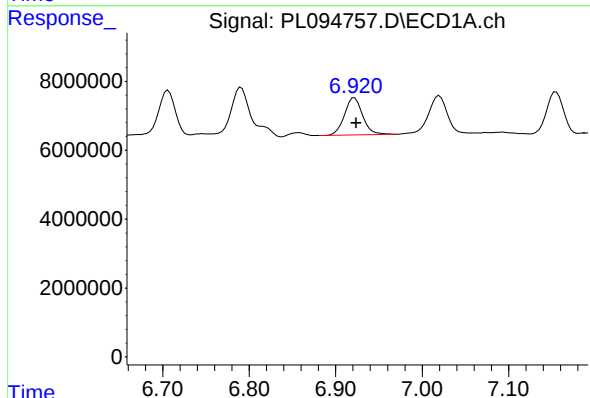
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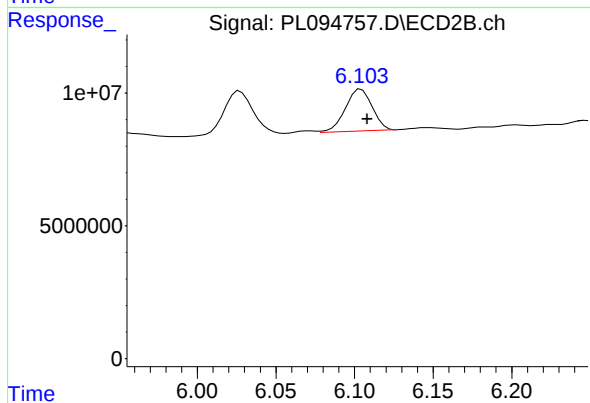
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 21103577
Conc: 5.23 ng/ml



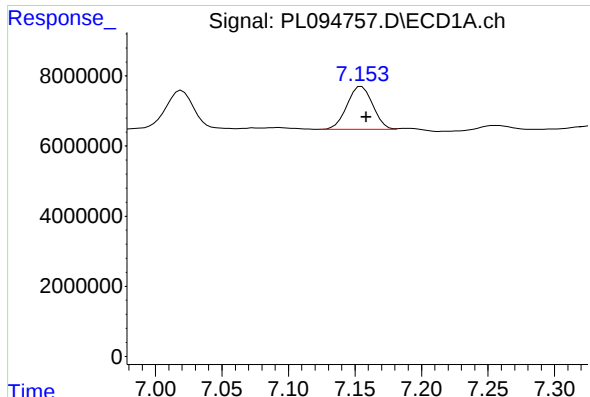
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 15795250
Conc: 7.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 18608523
Conc: 5.53 ng/ml



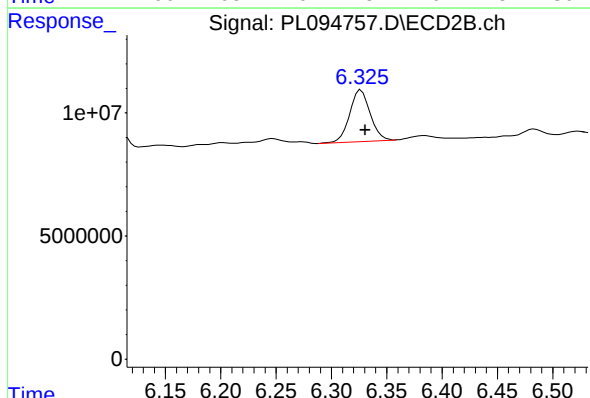
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 16347560
Conc: 6.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

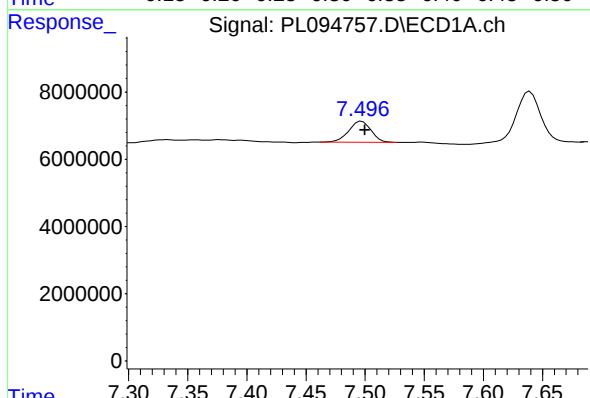
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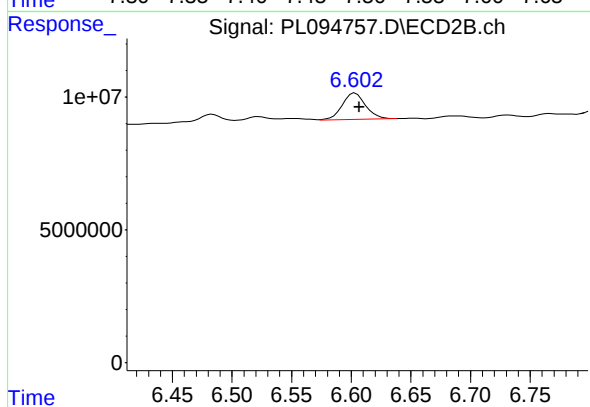
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 26975433
Conc: 6.62 ng/ml



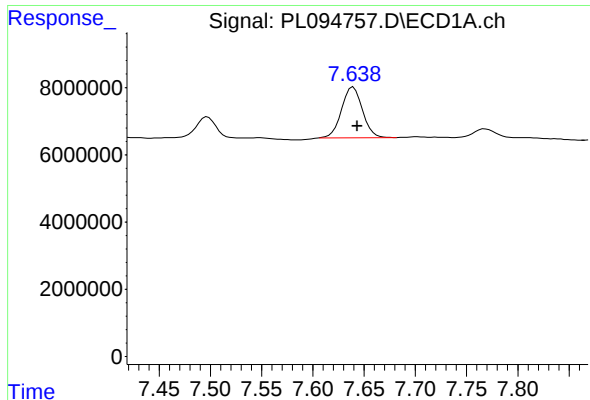
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 8263314
Conc: 6.90 ng/ml m



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 13712789
Conc: 6.47 ng/ml



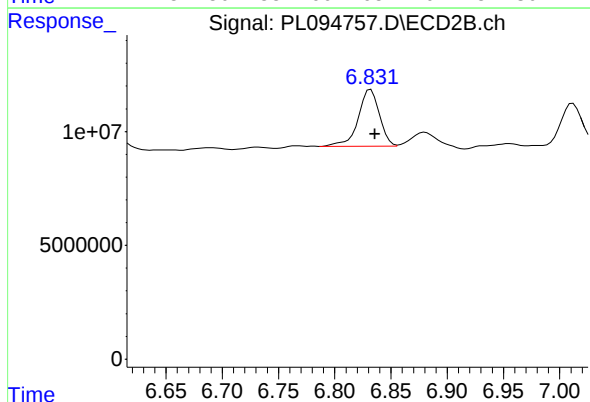
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 21531404
Conc: 8.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

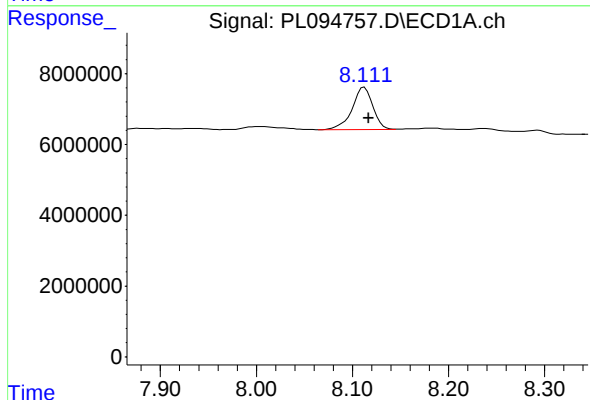
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



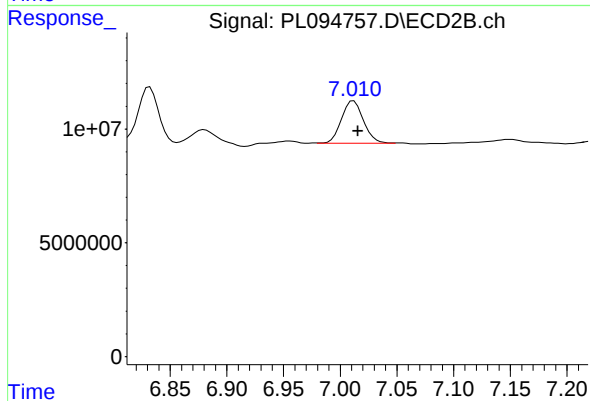
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 32800766
Conc: 6.87 ng/ml m



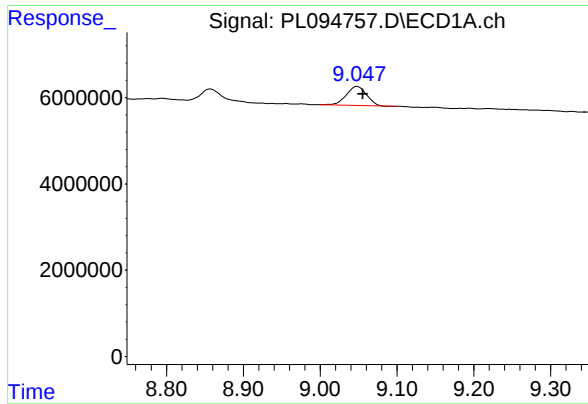
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 17933380
Conc: 8.68 ng/ml m



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 24906489
Conc: 6.56 ng/ml m



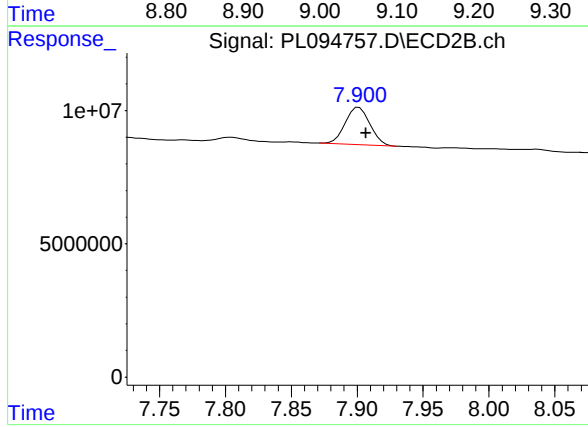
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 8014672
Conc: 3.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 18379379
Conc: 4.55 ng/ml m