

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031925\
 Data File : PL094758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2025 20:53
 Operator : AR\AJ
 Sample : Q1598-03MSD 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11944MSD

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 01:12:17 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	7762144	10586746	2.742m	2.966m
28) SA Decachlor...	9.048	7.901	7335248	18445751	3.481m	4.567m#
Target Compounds						
2) A alpha-BHC	3.990	3.270	28294247	28704121	6.814m	5.324m
3) MA gamma-BHC...	4.324	3.601	27121361	27966225	6.797	5.441
4) MA Heptachlor	4.910	3.939	23051546	28021372	5.939m	5.319
5) MB Aldrin	5.251	4.218	23578723	25898572	6.386m	5.311
6) B beta-BHC	4.522	3.902	12423107	14525715	6.733m	6.539
7) B delta-BHC	4.765	4.130	39406652	19760875	10.119m	3.951 #
8) B Heptachlo...	5.678	4.721	20799168	23947909	6.218m	5.230
9) A Endosulfan I	6.065	5.093	21390671	35320710	6.967	8.048
10) B gamma-Chl...	5.934	4.971	23774223	28293107	7.056m	5.860
11) B alpha-Chl...	6.014	5.034	22025176	27616423	6.681	5.786
12) B 4,4'-DDE	6.186	5.222	19752556	29549757	6.714m	6.357
13) MA Dieldrin	6.339	5.354	22859279	30363819	7.148m	6.258
14) MA Endrin	6.569	5.629	17177199	31069505	6.197m	7.120m
15) B Endosulfa...	6.789	5.924	19304543	26520779	7.111m	6.127m
16) A 4,4'-DDD	6.705	5.778	17510018	24722502	8.084m	6.875
17) MA 4,4'-DDT	7.019	6.028	16250217	20652016	6.832m	5.122 #
18) B Endrin al...	6.919	6.103	16364447	18045930	7.752m	5.362m#
19) B Endosulfa...	7.154	6.327	15668311	27111035	6.443m	6.656
20) A Methoxychlor	7.496	6.603	8392101	13321705	7.011m	6.281
21) B Endrin ke...	7.640	6.831	21889320	32726773	8.281	6.857m
22) Mirex	8.111	7.010	18732098	24425538	9.066m	6.436m#

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

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Data File : PL094758.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2025 20:53
Operator : AR\AJ
Sample : Q1598-03MSD 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

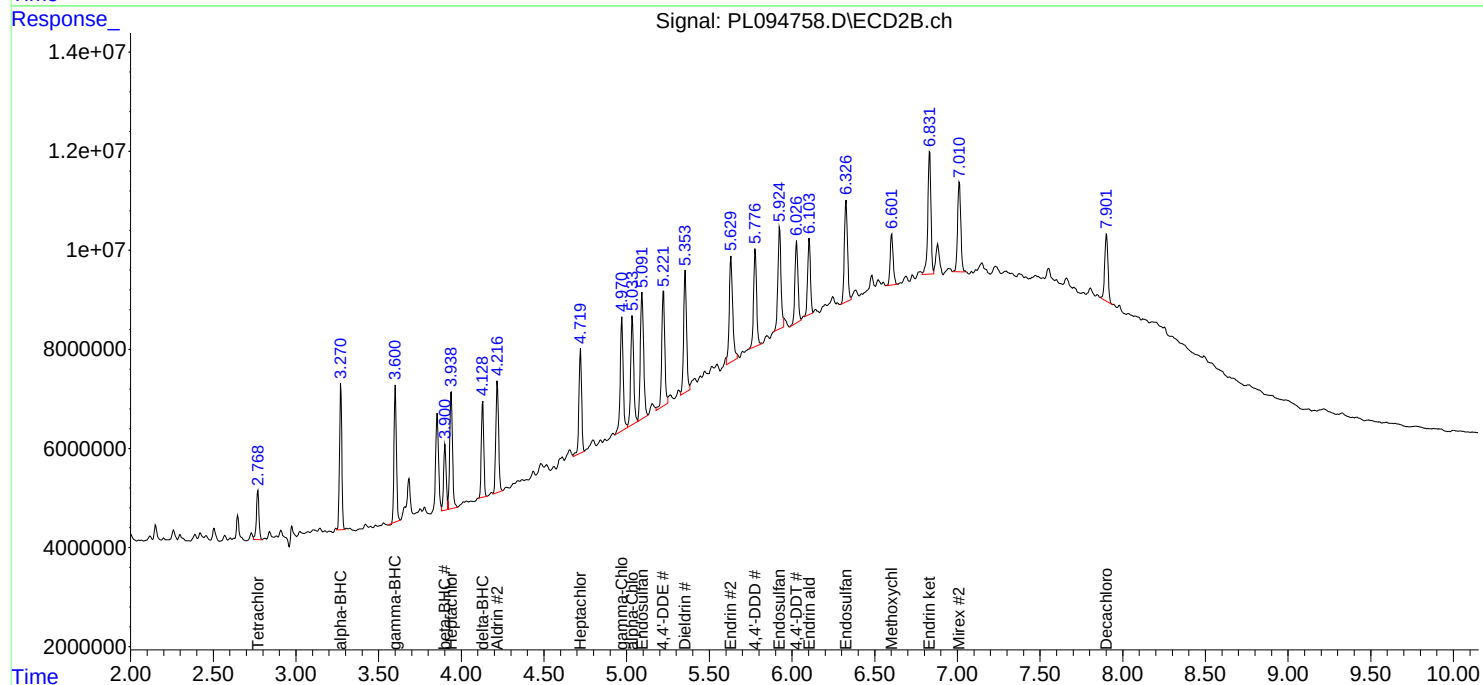
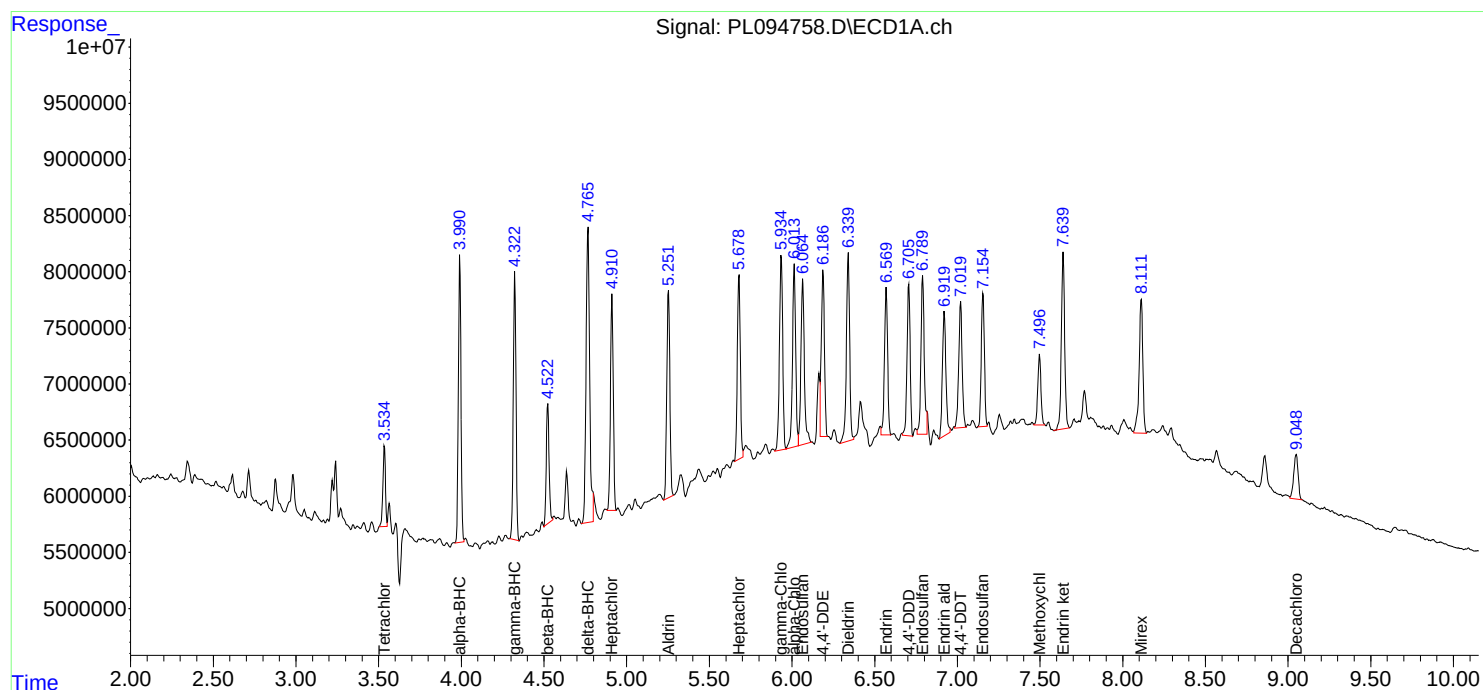
Instrument :
ECD_L
ClientSampleId :
72-11944MSD

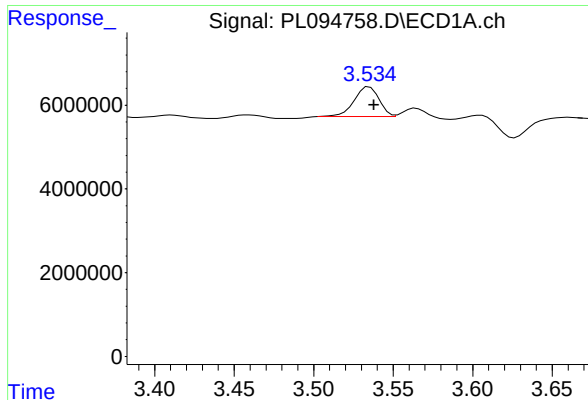
Manual Integrations
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Supervised By :mohammad ahmed 03/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:12:17 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





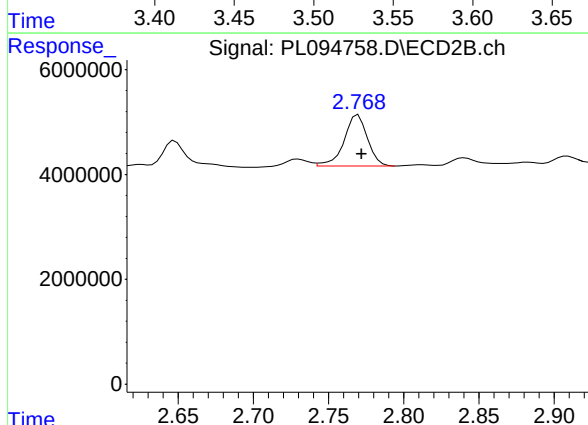
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 7762144
Conc: 2.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

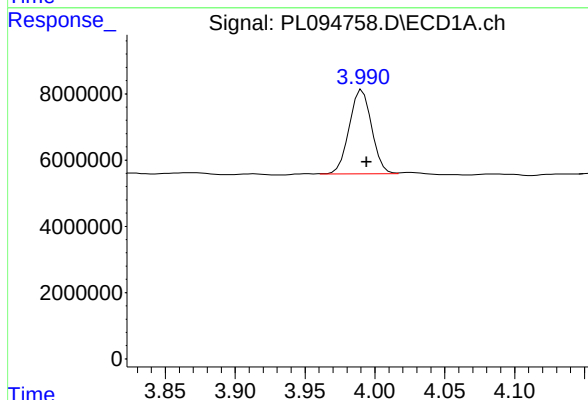
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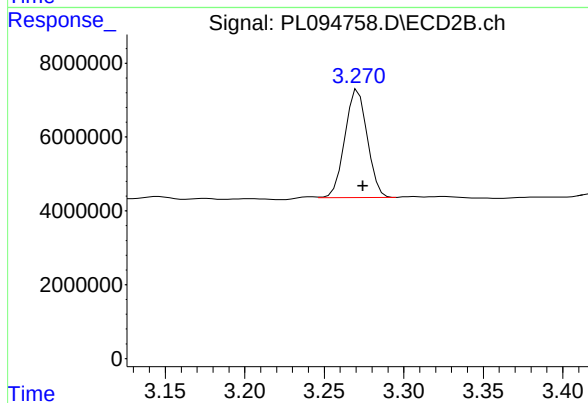
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 10586746
Conc: 2.97 ng/ml m



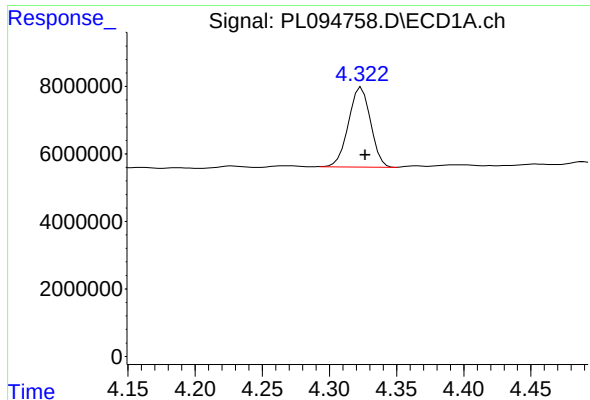
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 28294247
Conc: 6.81 ng/ml m



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 28704121
Conc: 5.32 ng/ml m



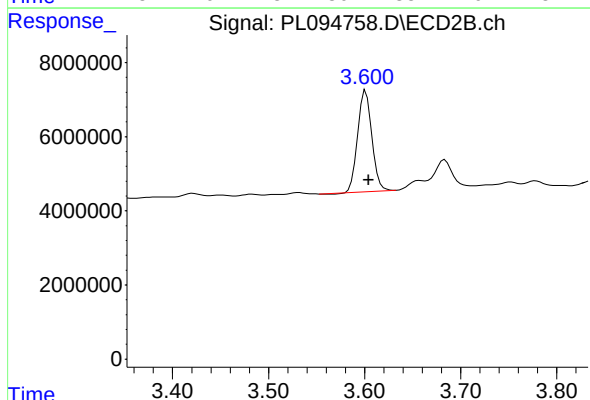
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 27121361
Conc: 6.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

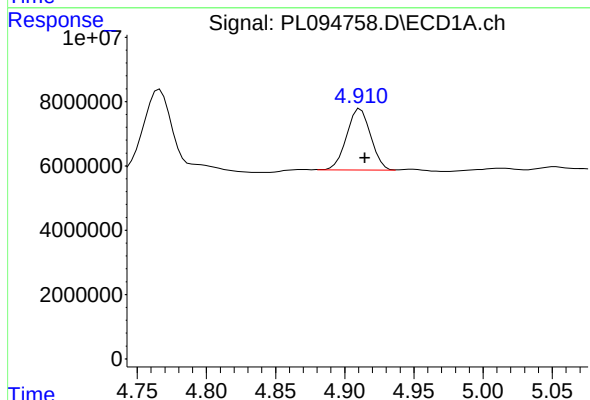
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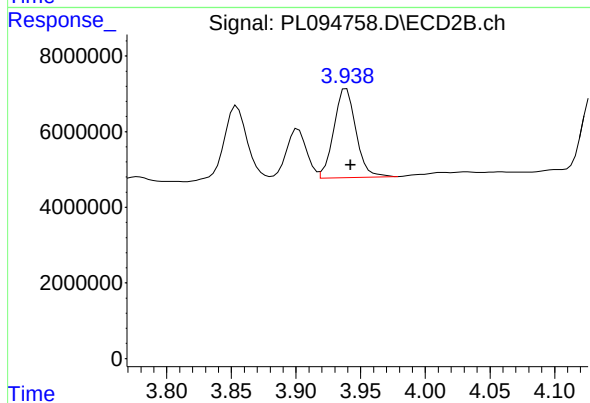
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 27966225
Conc: 5.44 ng/ml



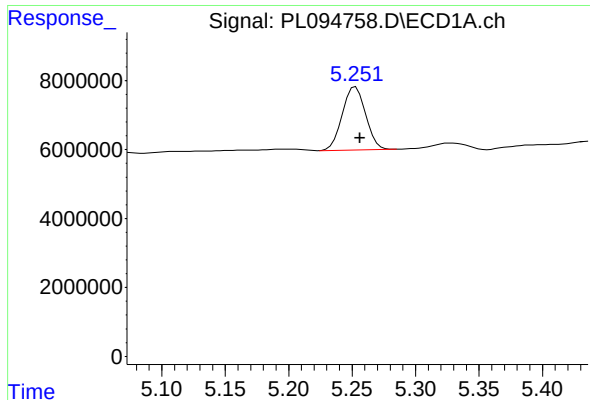
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 23051546
Conc: 5.94 ng/ml m



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 28021372
Conc: 5.32 ng/ml



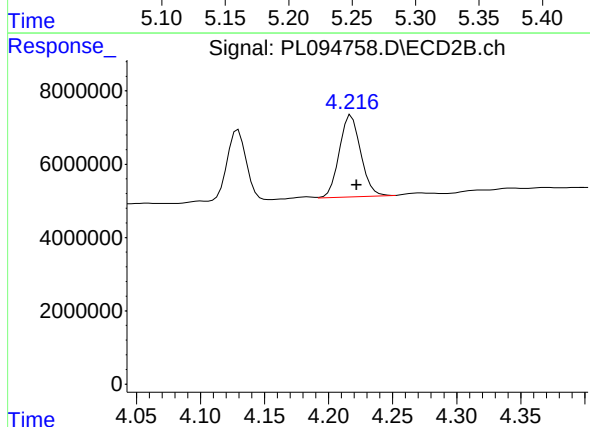
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 23578723
Conc: 6.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

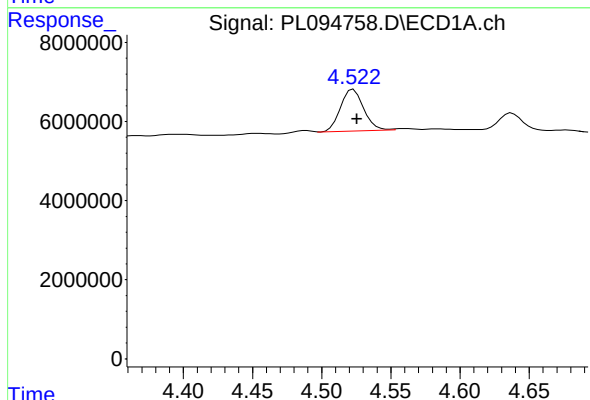
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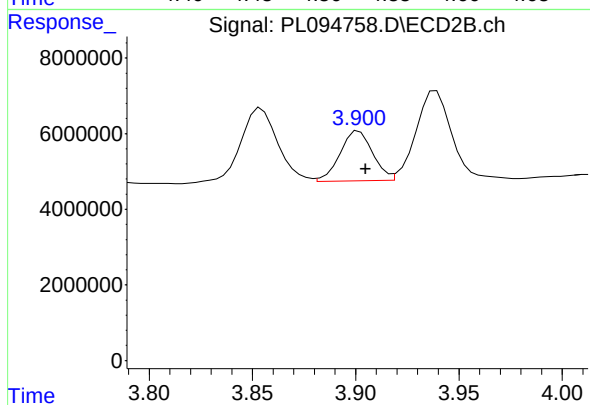
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 25898572
Conc: 5.31 ng/ml



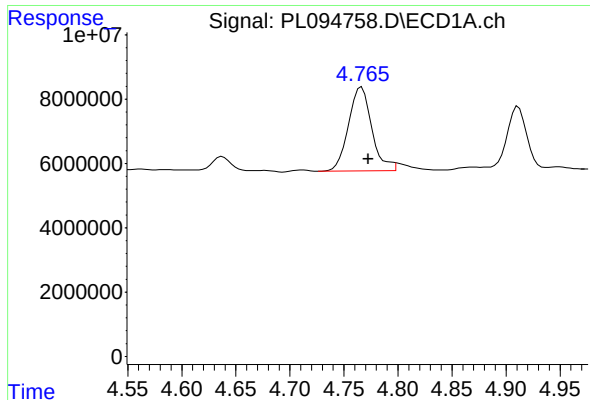
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 12423107
Conc: 6.73 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 14525715
Conc: 6.54 ng/ml



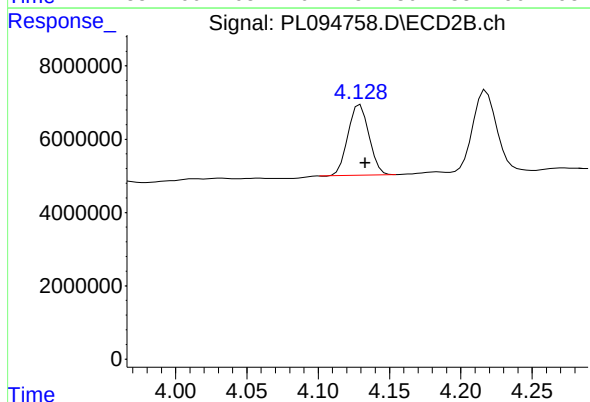
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: -0.008 min
Response: 39406652
Conc: 10.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

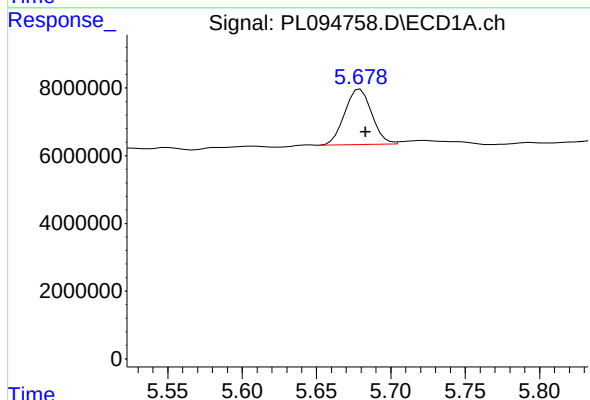
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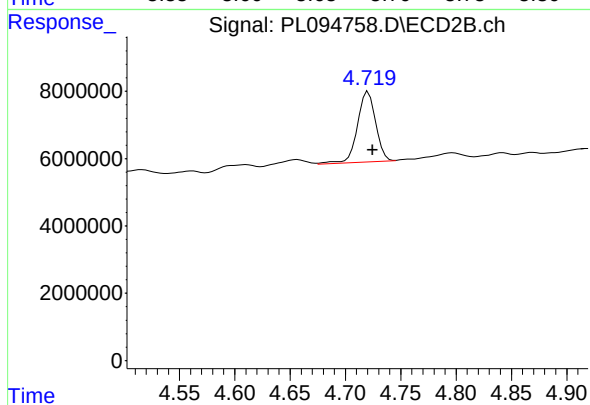
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.004 min
Response: 19760875
Conc: 3.95 ng/ml



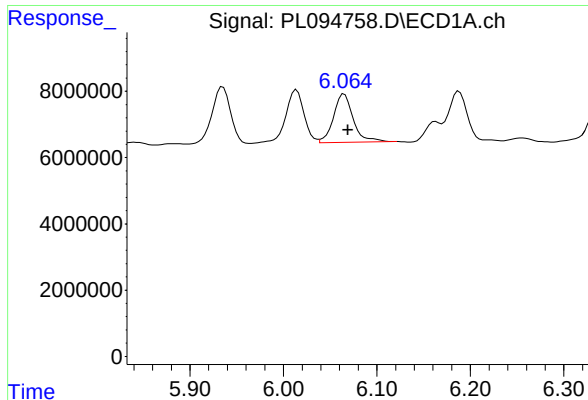
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 20799168
Conc: 6.22 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 23947909
Conc: 5.23 ng/ml



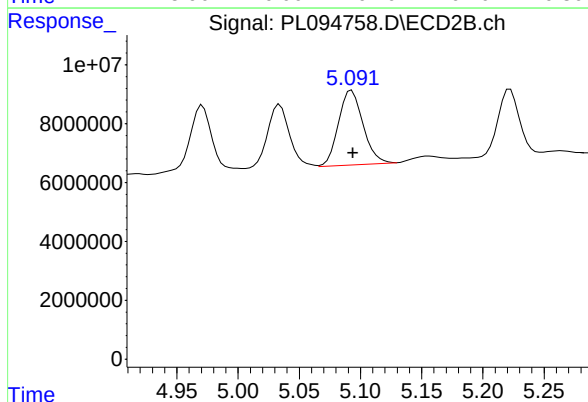
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 21390671
Conc: 6.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

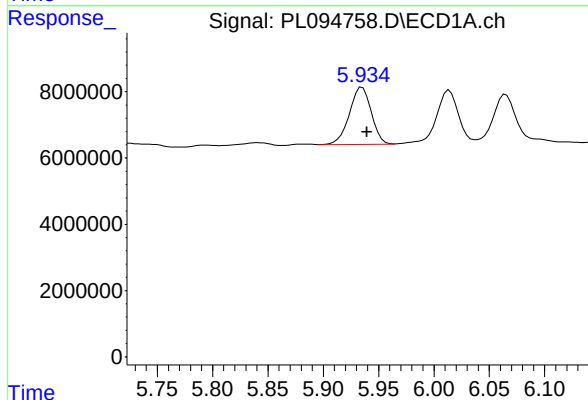
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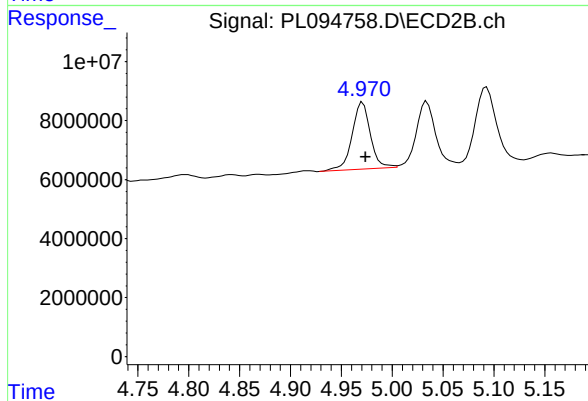
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 35320710
Conc: 8.05 ng/ml



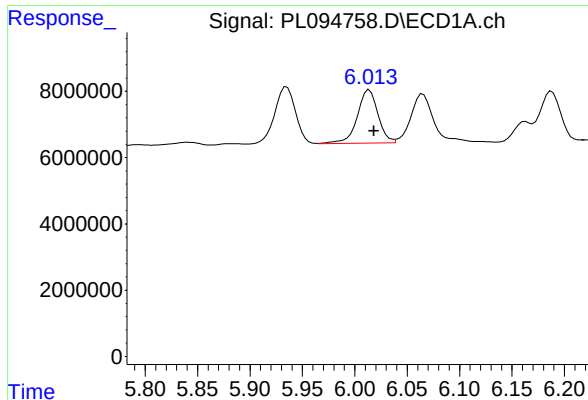
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 23774223
Conc: 7.06 ng/ml m



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 28293107
Conc: 5.86 ng/ml



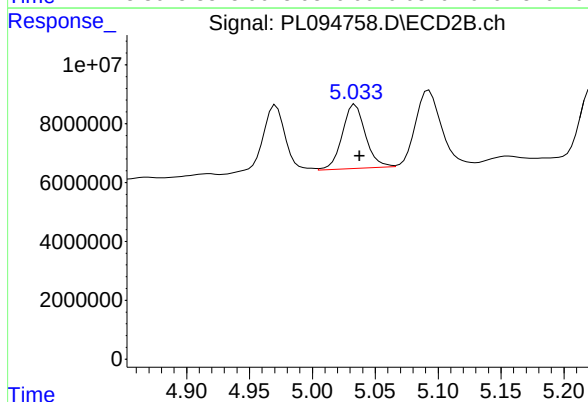
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 22025176
Conc: 6.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

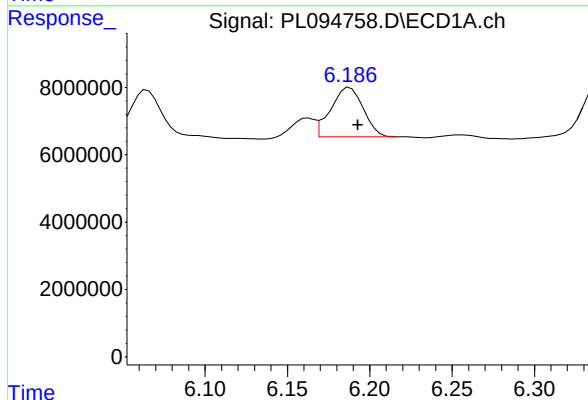
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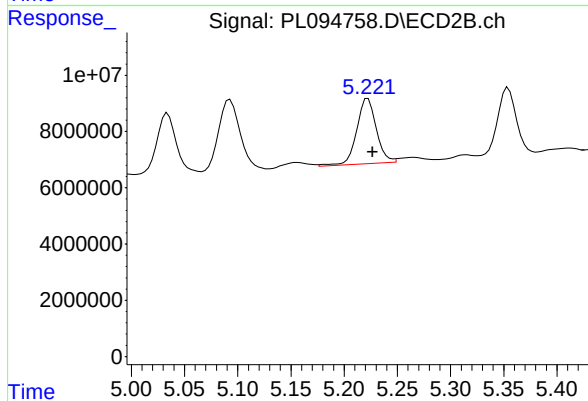
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 27616423
Conc: 5.79 ng/ml



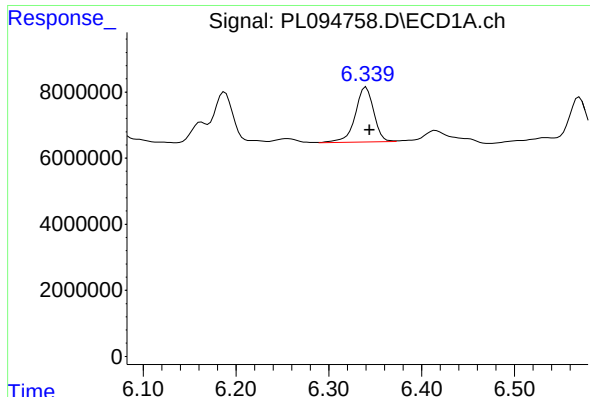
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 19752556
Conc: 6.71 ng/ml m



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 29549757
Conc: 6.36 ng/ml



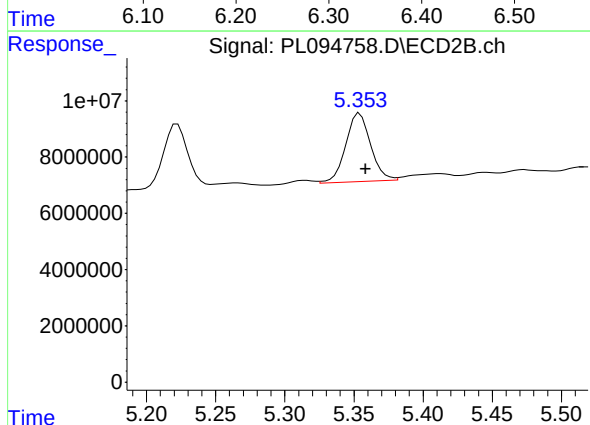
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 22859279
Conc: 7.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

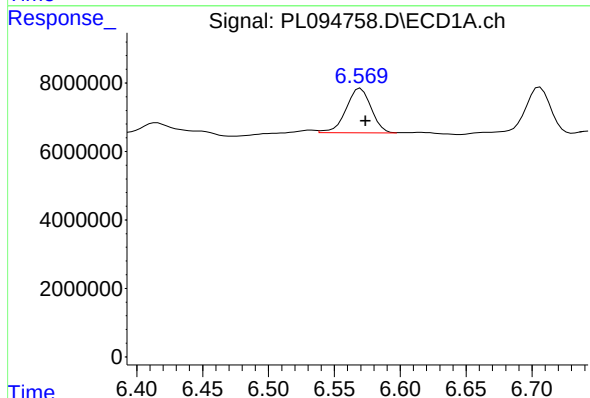
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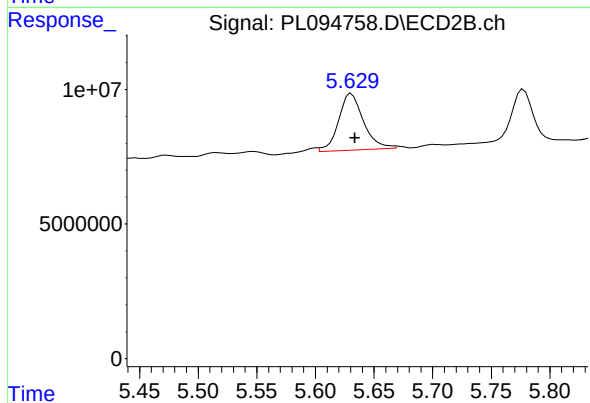
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 30363819
Conc: 6.26 ng/ml



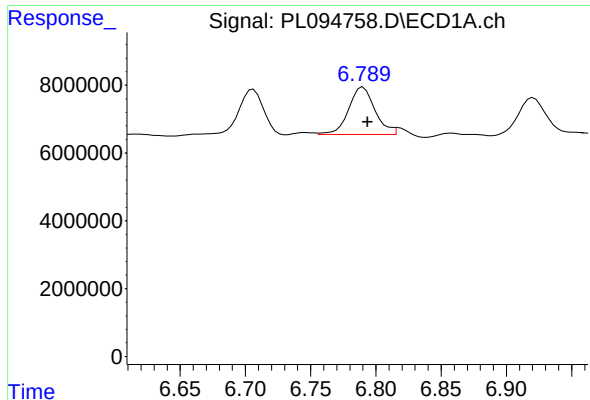
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.005 min
Response: 17177199
Conc: 6.20 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 31069505
Conc: 7.12 ng/ml m



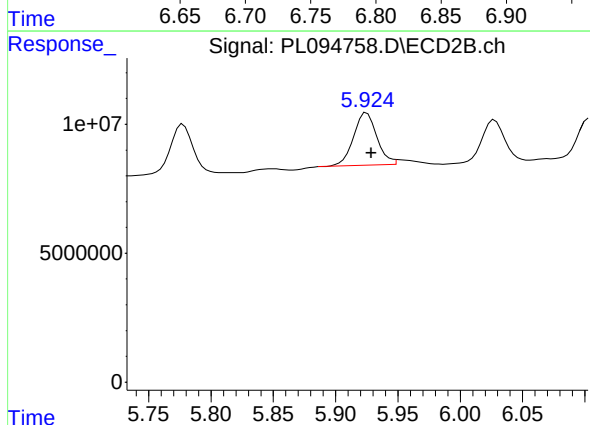
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 19304543
Conc: 7.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

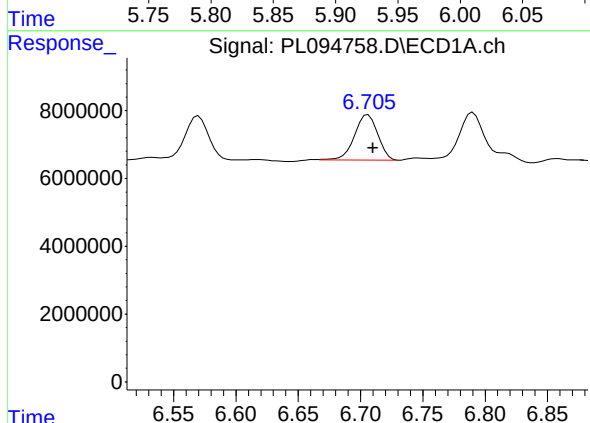
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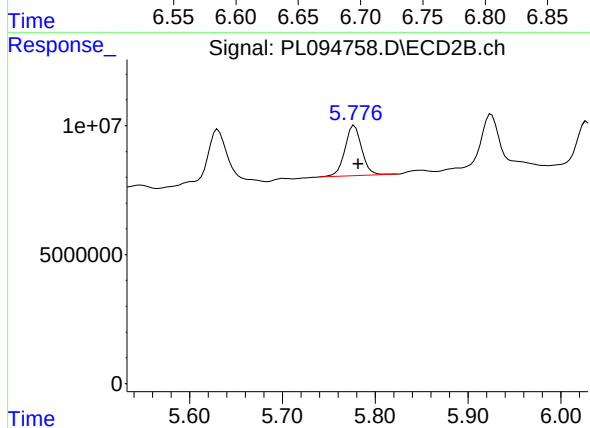
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 26520779
Conc: 6.13 ng/ml m



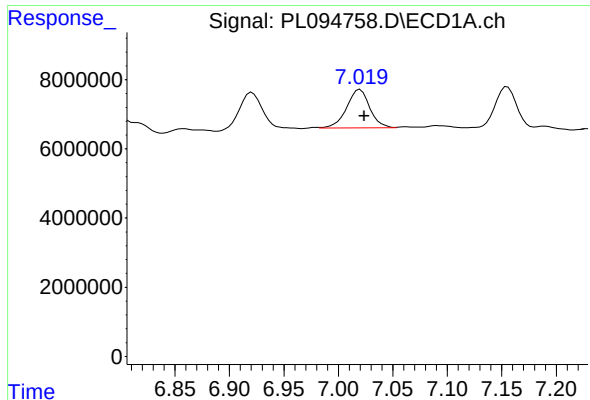
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 17510018
Conc: 8.08 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 24722502
Conc: 6.88 ng/ml



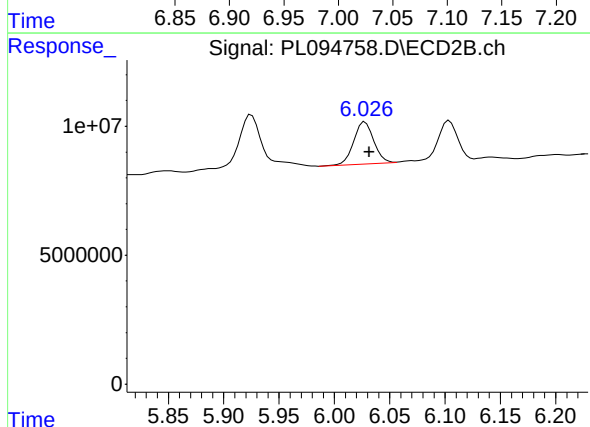
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.005 min
Response: 16250217
Conc: 6.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

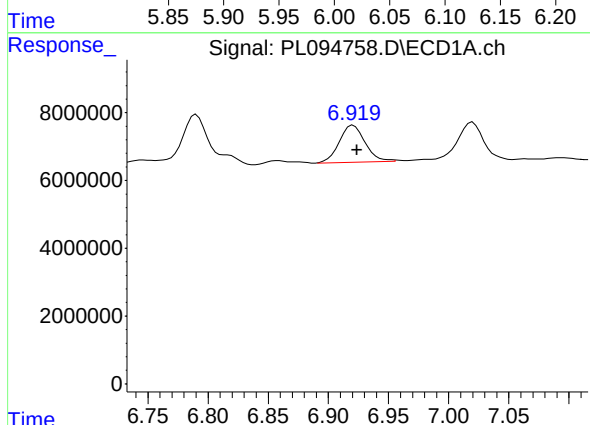
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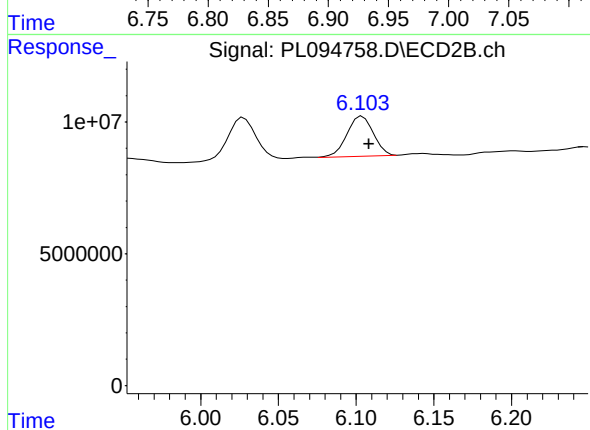
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 20652016
Conc: 5.12 ng/ml



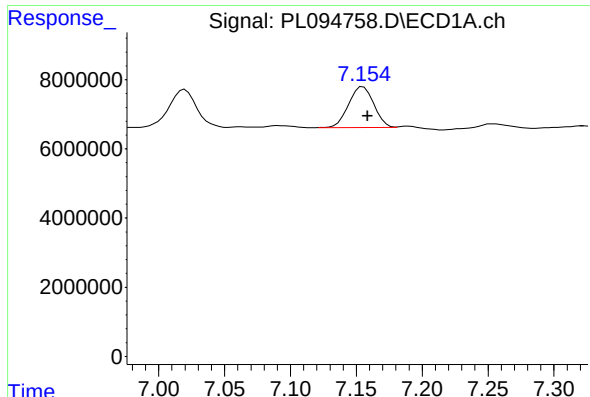
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 16364447
Conc: 7.75 ng/ml m



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 18045930
Conc: 5.36 ng/ml m



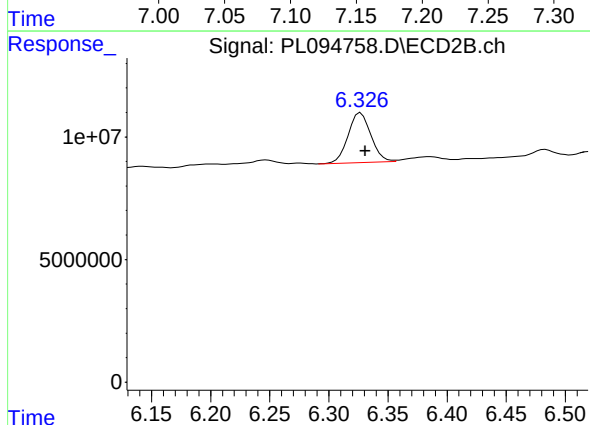
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 15668311
Conc: 6.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

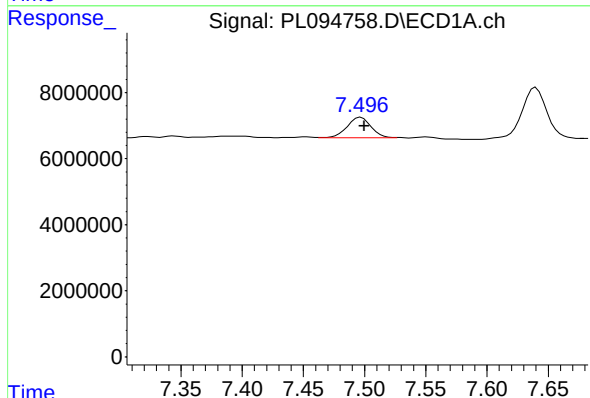
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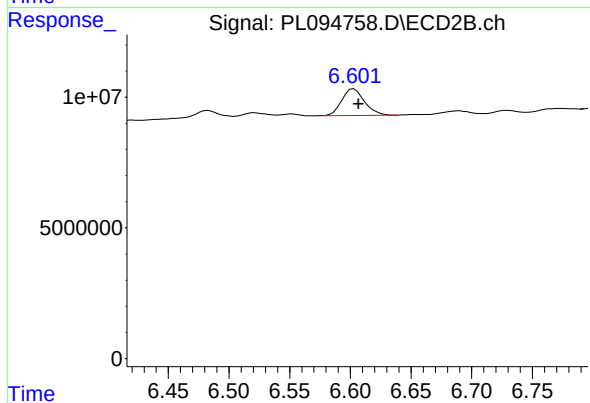
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 27111035
Conc: 6.66 ng/ml



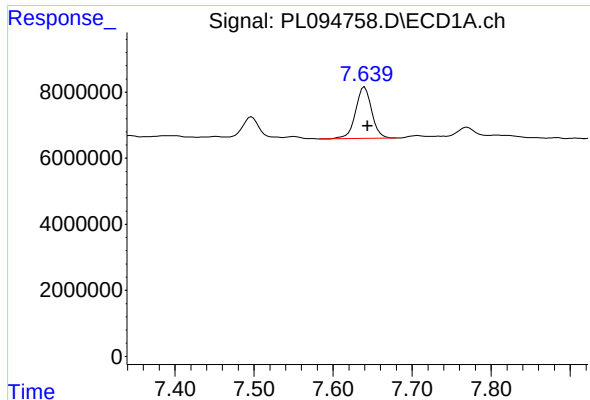
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 8392101
Conc: 7.01 ng/ml m



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 13321705
Conc: 6.28 ng/ml



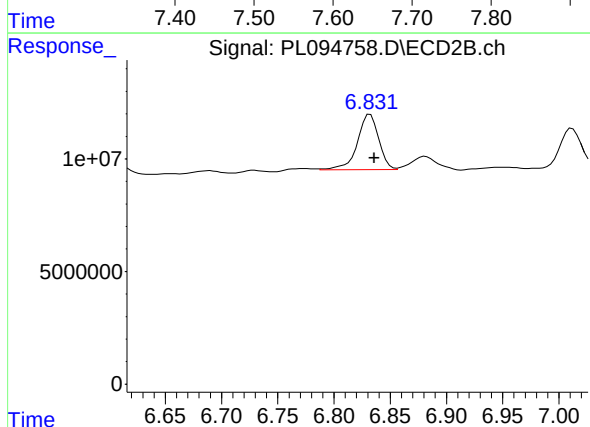
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 21889320
Conc: 8.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

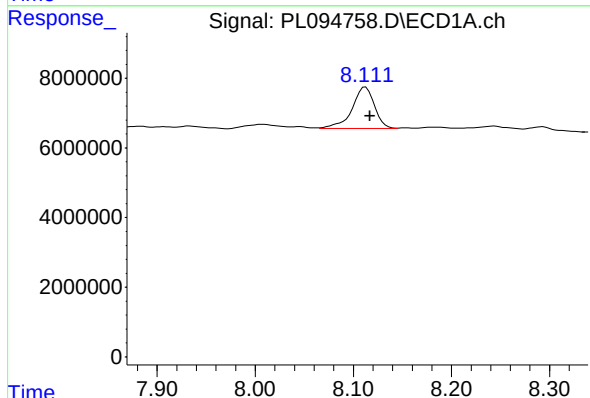
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Reviewed By :Abdul Mirza 03/20/2025
Supervised By :mohammad ahmed 03/24/2025



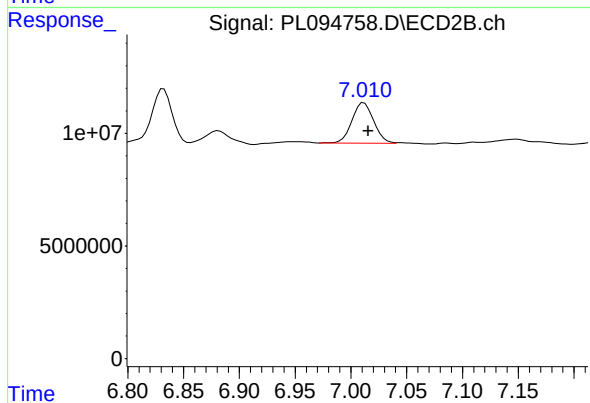
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 32726773
Conc: 6.86 ng/ml m



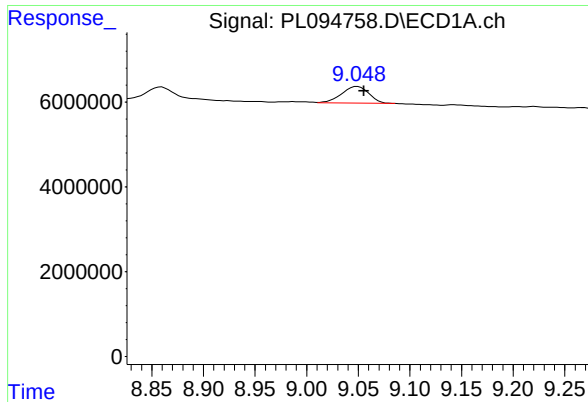
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 18732098
Conc: 9.07 ng/ml m



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 24425538
Conc: 6.44 ng/ml m



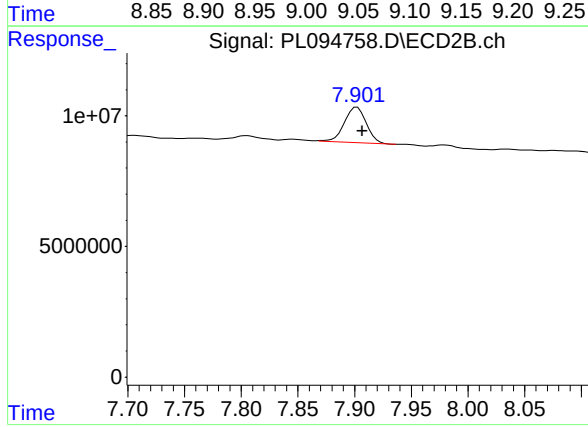
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.007 min
Response: 7335248
Conc: 3.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11944MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 18445751
Conc: 4.57 ng/ml m