

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 12:44
 Operator : AR\AJ
 Sample : PB167311BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167311BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 14:48:18 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...	3.536	2.769	46913559	63149023	16.573	17.692
28)	SA Decachlor...	9.051	7.902	43341717	80062335	20.566	19.821
Target Compounds							
2)	A alpha-BHC	3.992	3.271	197.3E6	301.6E6	47.523	55.945
3)	MA gamma-BHC...	4.324	3.601	189.9E6	280.9E6	47.590	54.662
4)	MA Heptachlor	4.912	3.938	181.4E6	274.6E6	46.743	52.121
5)	MB Aldrin	5.253	4.218	172.5E6	257.7E6	46.727	52.855
6)	B beta-BHC	4.524	3.901	85763665	119.6E6	46.479	53.830
7)	B delta-BHC	4.770	4.129	195.9E6	271.8E6	50.293	54.329
8)	B Heptachlo...	5.680	4.720	160.2E6	243.9E6	47.892	53.259
9)	A Endosulfan I	6.066	5.089	150.9E6	224.7E6	49.148	51.199
10)	B gamma-Chl...	5.936	4.970	162.3E6	255.7E6	48.163	52.967
11)	B alpha-Chl...	6.016	5.033	161.0E6	251.9E6	48.828	52.778
12)	B 4,4'-DDE	6.189	5.221	159.5E6	259.1E6	54.203	55.746m
13)	MA Dieldrin	6.342	5.352	161.0E6	261.1E6	50.357	53.808m
14)	MA Endrin	6.571	5.629	144.7E6	235.8E6	52.206	54.027
15)	B Endosulfa...	6.792	5.924	137.0E6	233.0E6	50.481	53.828
16)	A 4,4'-DDD	6.708	5.777	121.5E6	209.9E6	56.110	58.381
17)	MA 4,4'-DDT	7.020	6.027	127.7E6	232.6E6	53.706	57.684
18)	B Endrin al...	6.922	6.104	107.0E6	183.2E6	50.668	54.436
19)	B Endosulfa...	7.156	6.327	122.0E6	228.9E6	50.179	56.181
20)	A Methoxychlor	7.496	6.602	67213341	125.9E6	56.148m	59.362
21)	B Endrin ke...	7.641	6.832	135.8E6	284.6E6	51.359	59.642
22)	Mirex	8.114	7.011	99494525	207.9E6	48.151	54.781

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 12:44
Operator : AR\AJ
Sample : PB167311BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

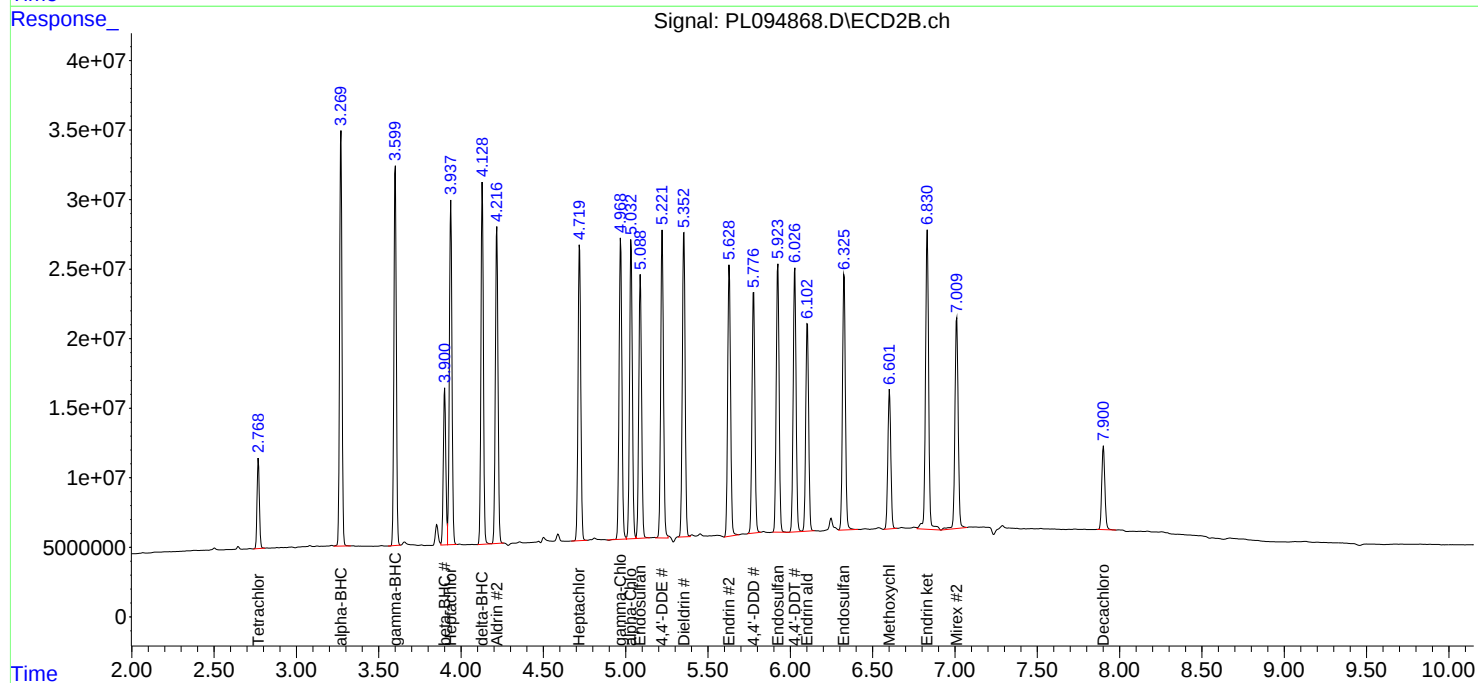
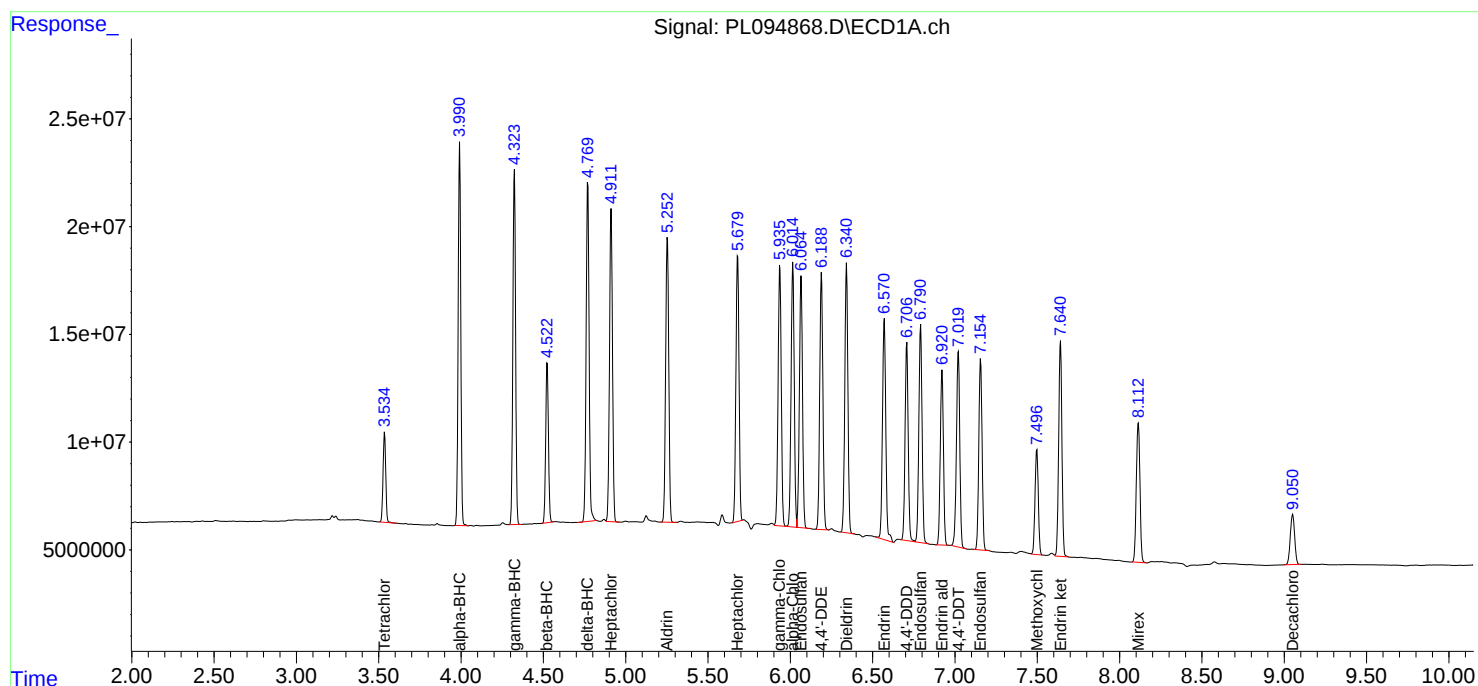
Instrument :
ECD_L
ClientSampleId :
PB167311BS

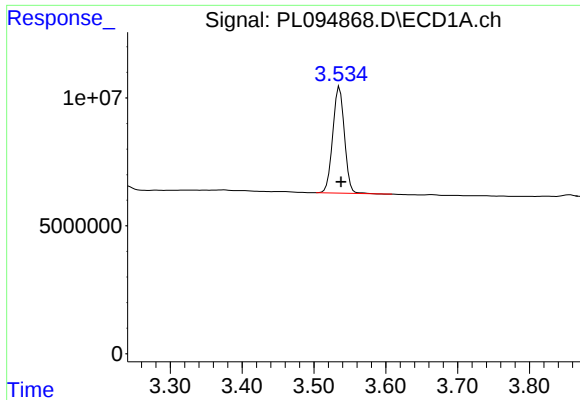
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 14:48:18 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





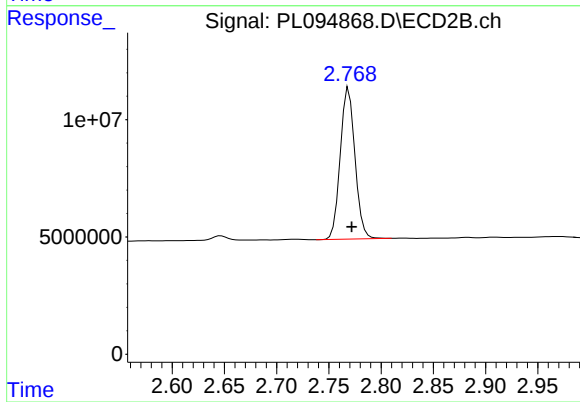
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 46913559
Conc: 16.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

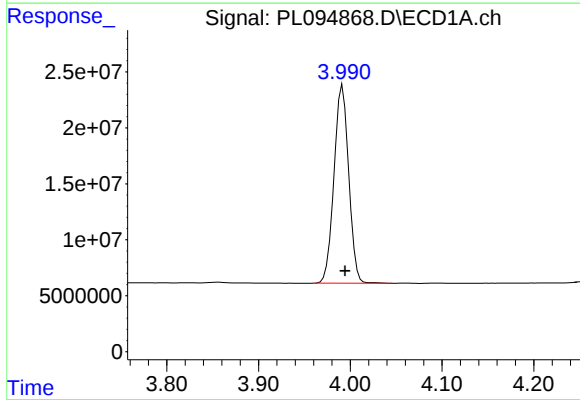
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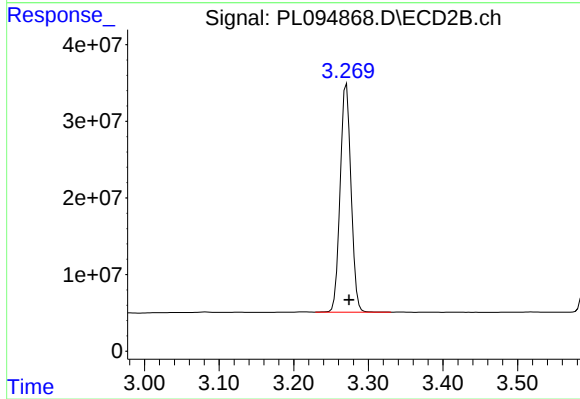
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 63149023
Conc: 17.69 ng/ml



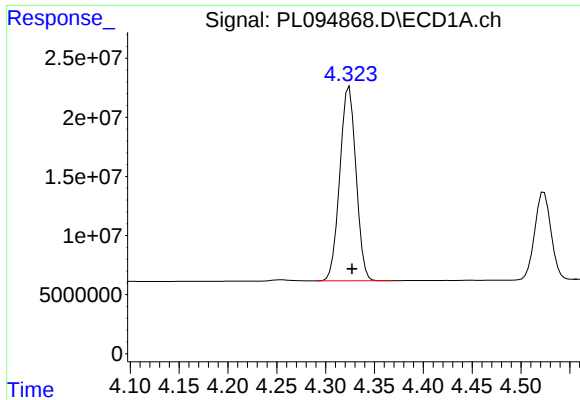
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 197333543
Conc: 47.52 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 301622078
Conc: 55.95 ng/ml



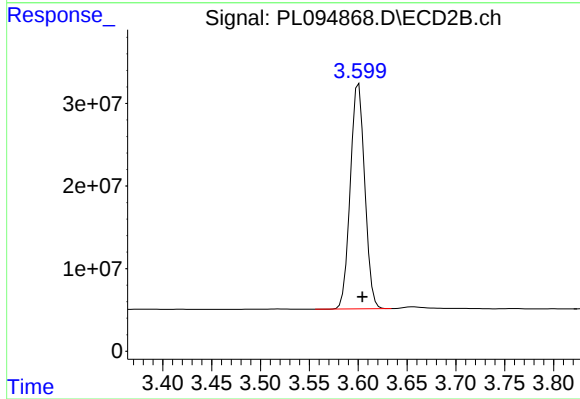
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 189897232
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

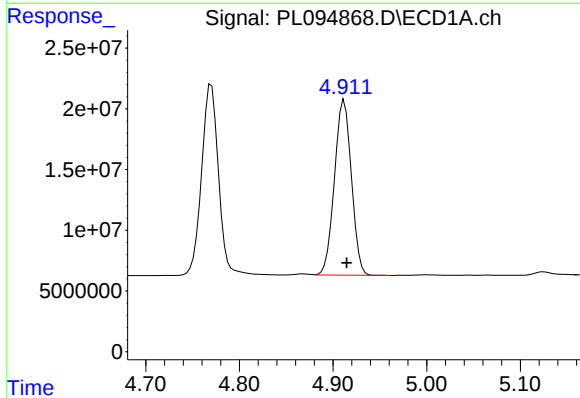
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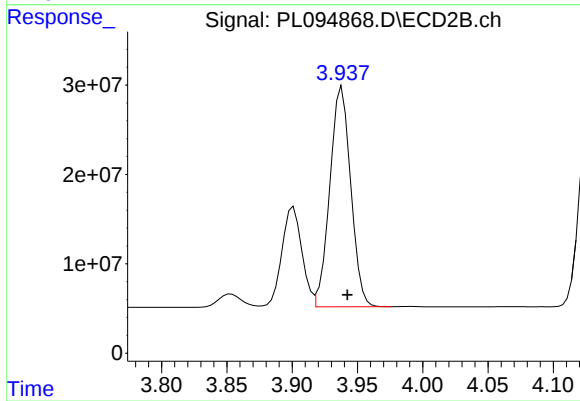
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 280933327
Conc: 54.66 ng/ml



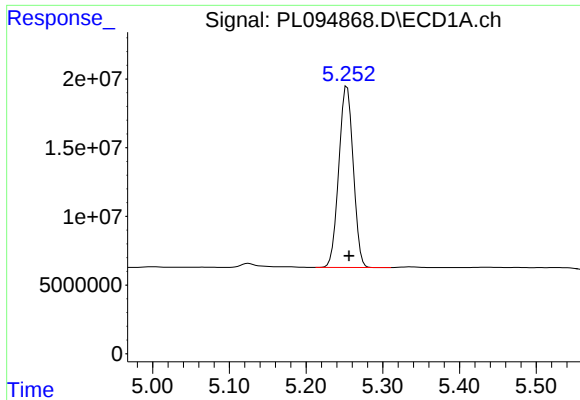
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 181438736
Conc: 46.74 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 274605186
Conc: 52.12 ng/ml



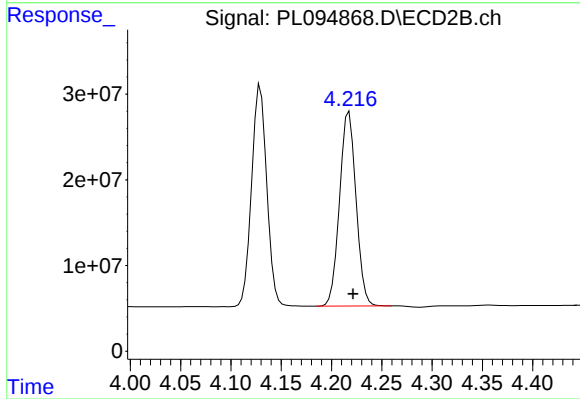
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 172525059
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

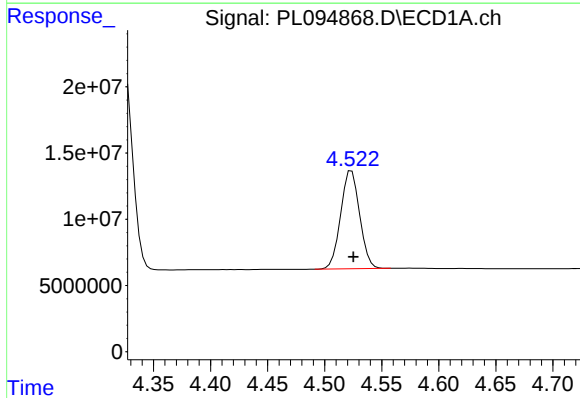
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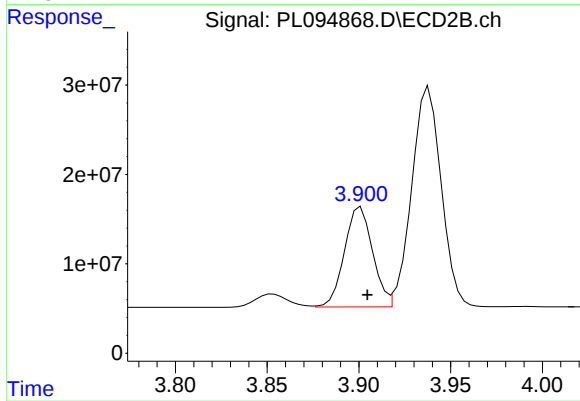
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 257739210
Conc: 52.86 ng/ml



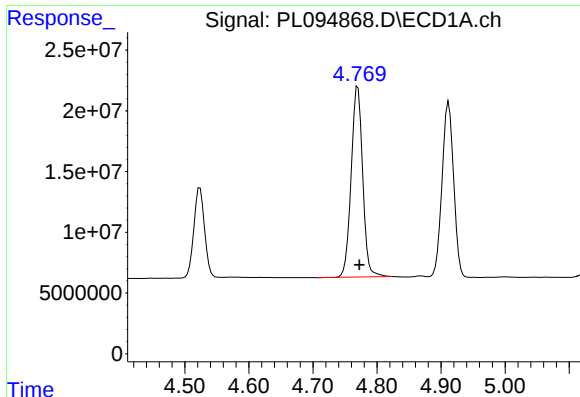
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 85763665
Conc: 46.48 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 119572503
Conc: 53.83 ng/ml



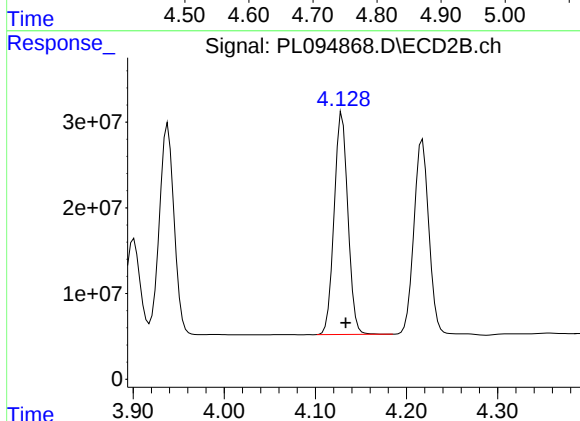
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 195856166
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

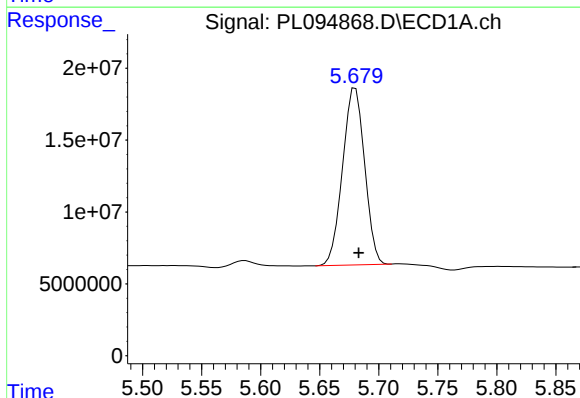
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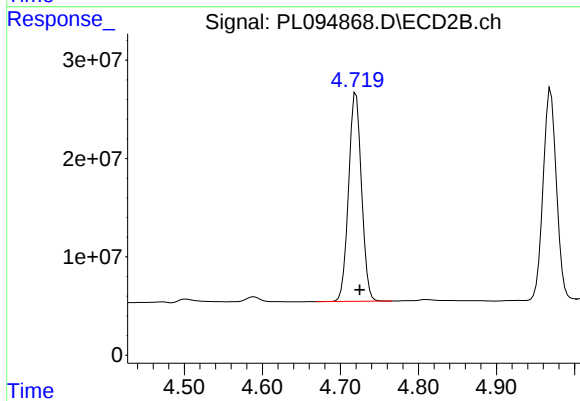
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 271752407
Conc: 54.33 ng/ml



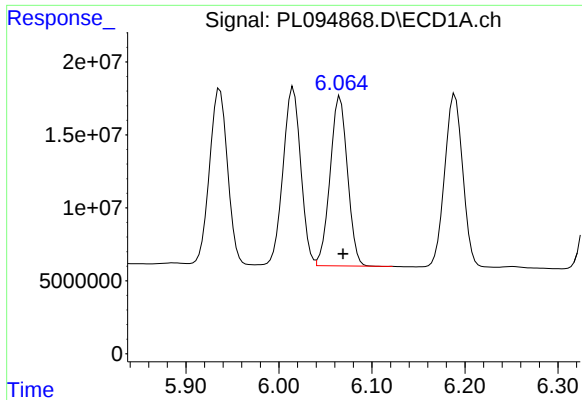
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 160206704
Conc: 47.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 243851350
Conc: 53.26 ng/ml



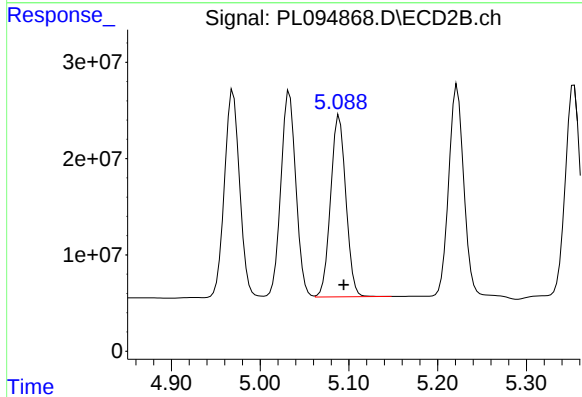
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 150894232
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

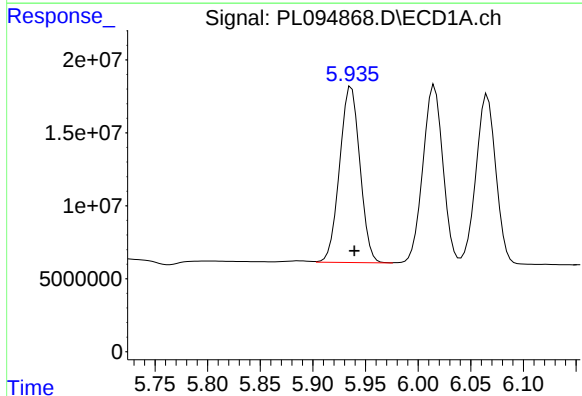
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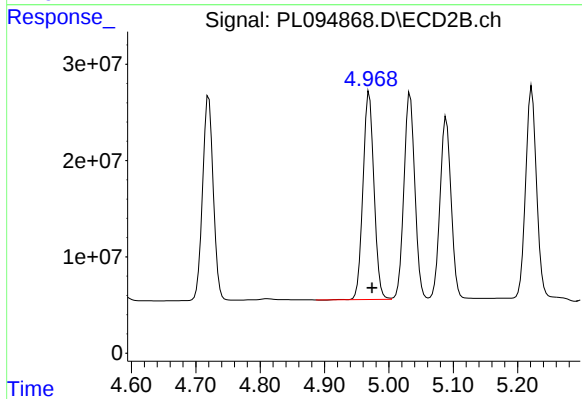
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 224699117
Conc: 51.20 ng/ml



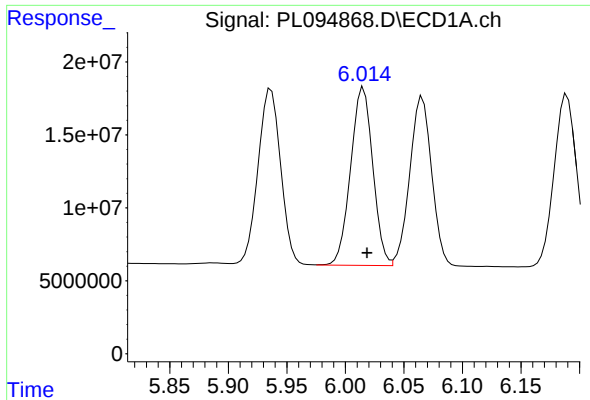
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 162277861
Conc: 48.16 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 255747348
Conc: 52.97 ng/ml



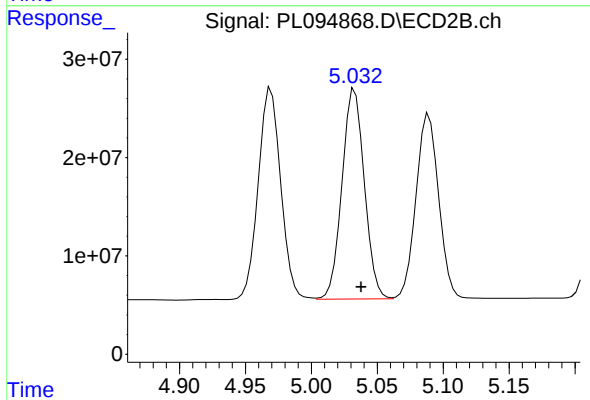
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 160978739
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

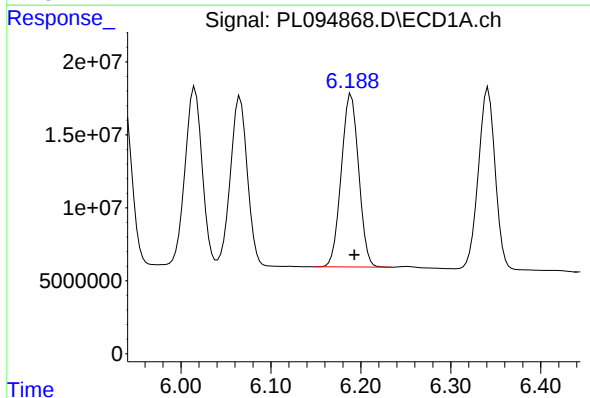
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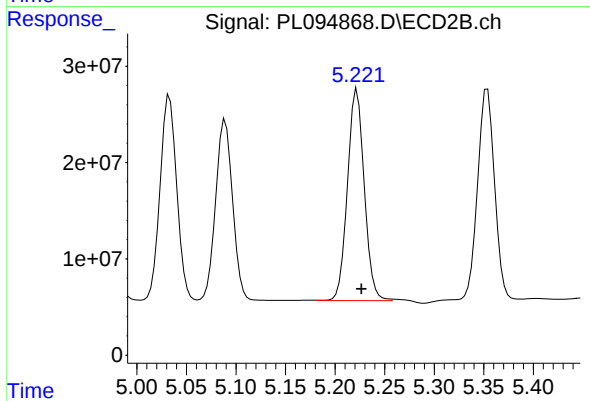
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 251896962
Conc: 52.78 ng/ml



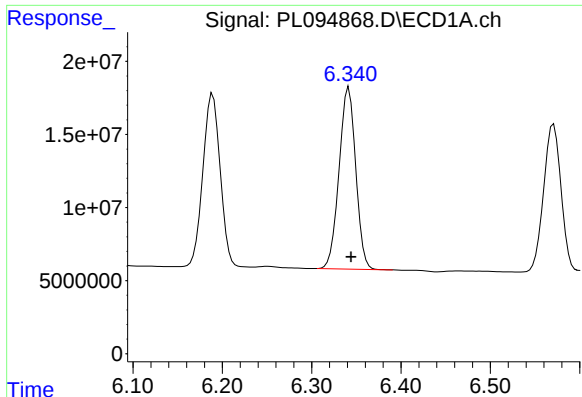
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 159467971
Conc: 54.20 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 259137870
Conc: 55.75 ng/ml m



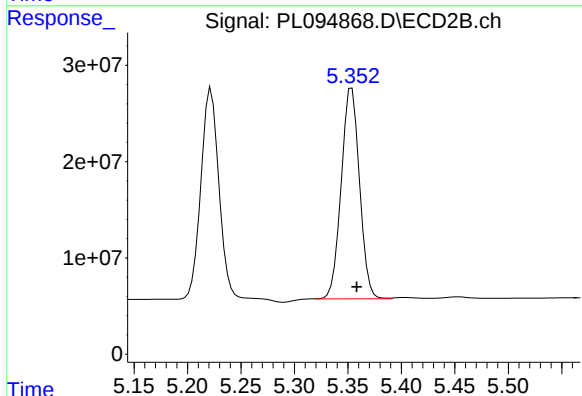
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 161049570
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

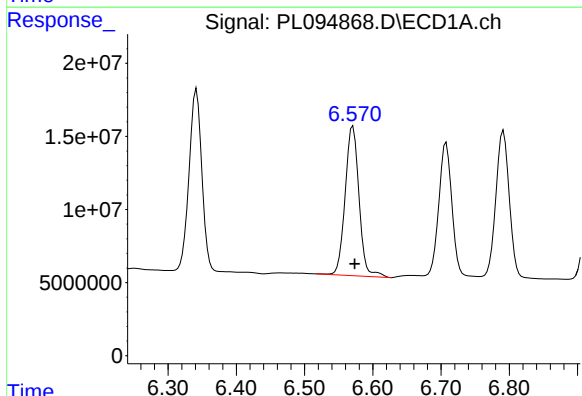
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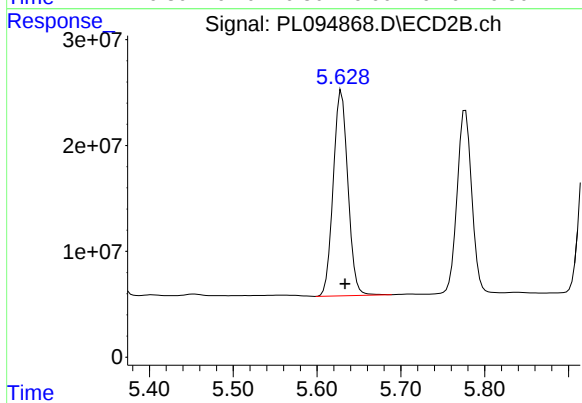
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 261066020
Conc: 53.81 ng/ml m



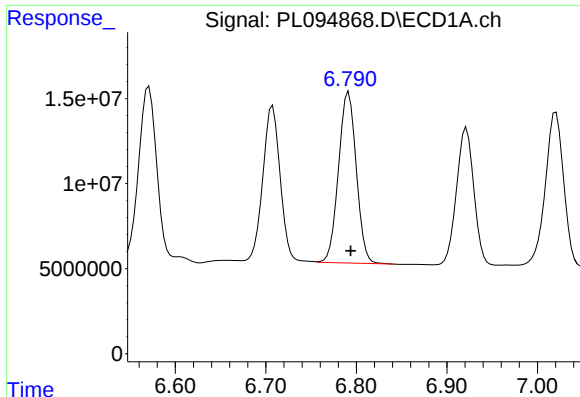
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 144719093
Conc: 52.21 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 235754377
Conc: 54.03 ng/ml



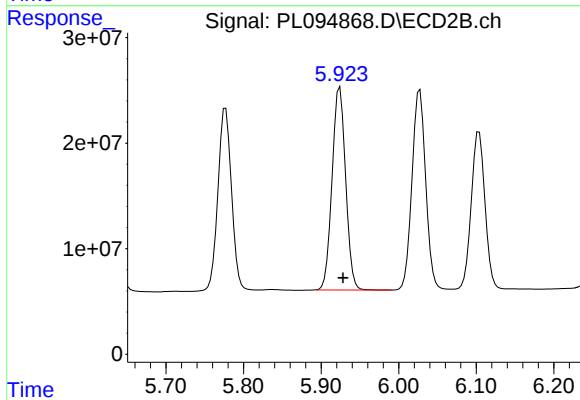
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 137042092
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

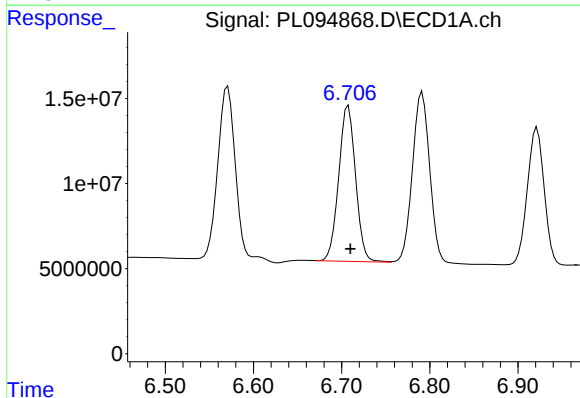
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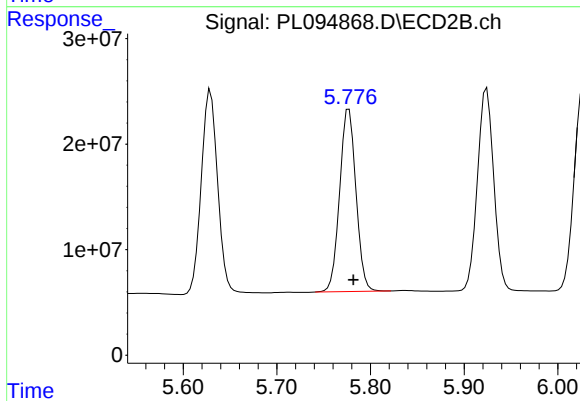
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 232981054
Conc: 53.83 ng/ml



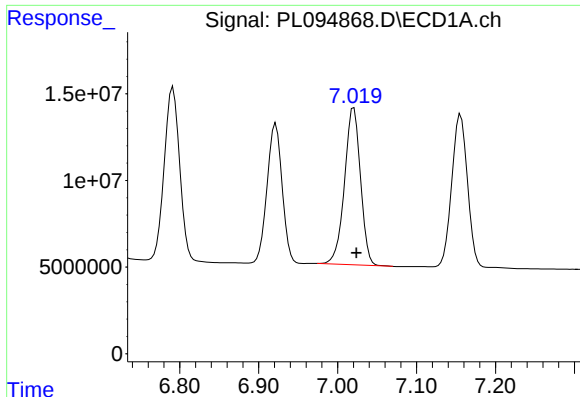
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 121538990
Conc: 56.11 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 209932686
Conc: 58.38 ng/ml



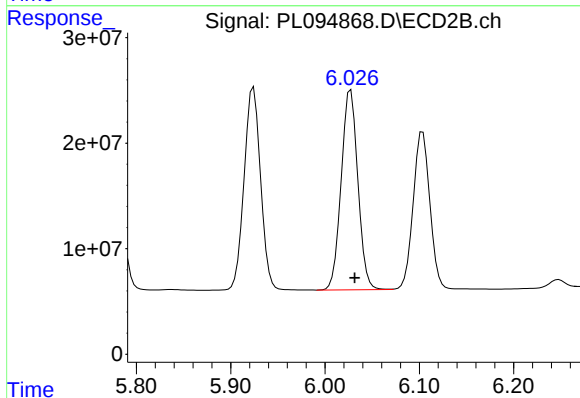
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 127742492
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

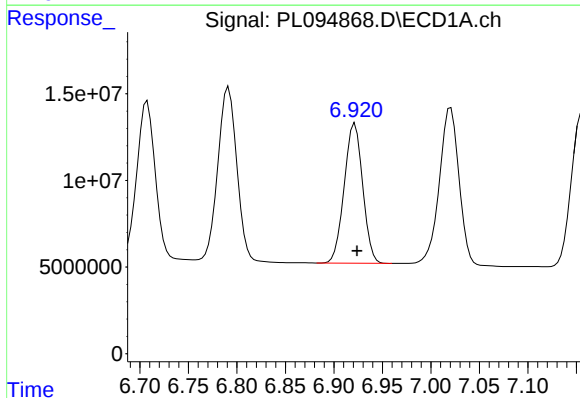
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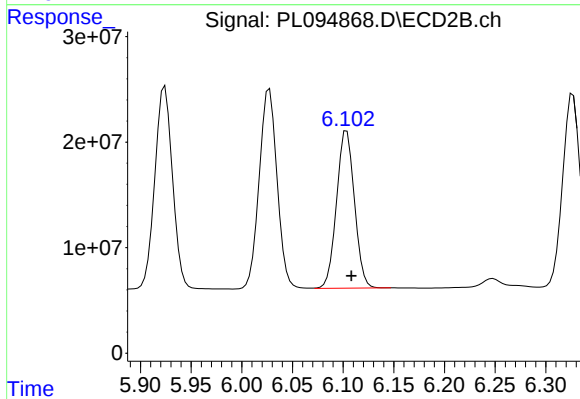
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 232587861
Conc: 57.68 ng/ml



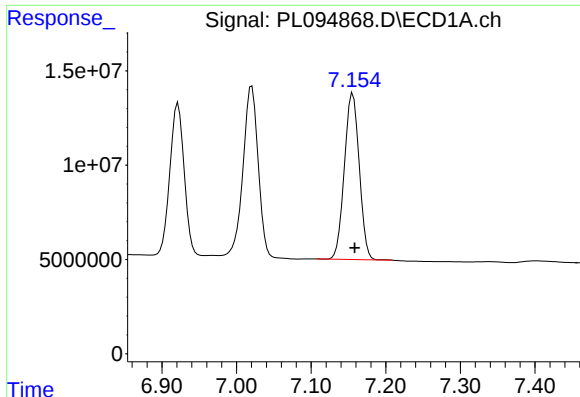
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 106960121
Conc: 50.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 183196261
Conc: 54.44 ng/ml



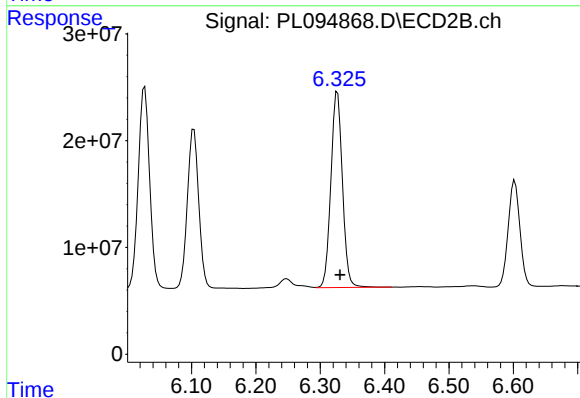
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 122035868
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

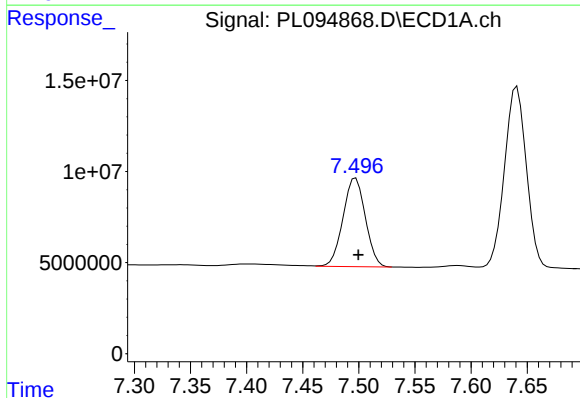
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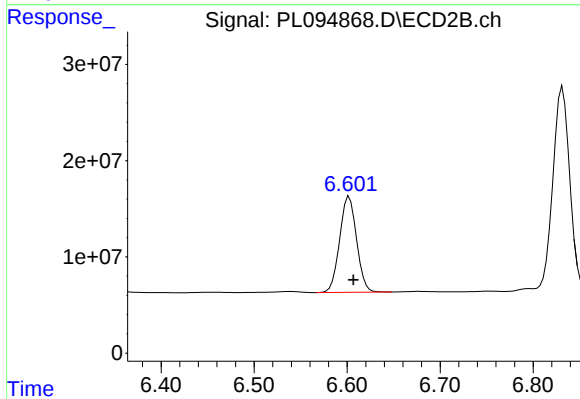
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 228851696
Conc: 56.18 ng/ml



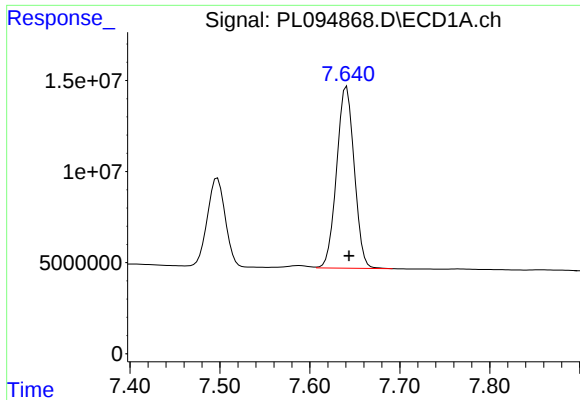
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 67213341
Conc: 56.15 ng/ml m



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 125910074
Conc: 59.36 ng/ml



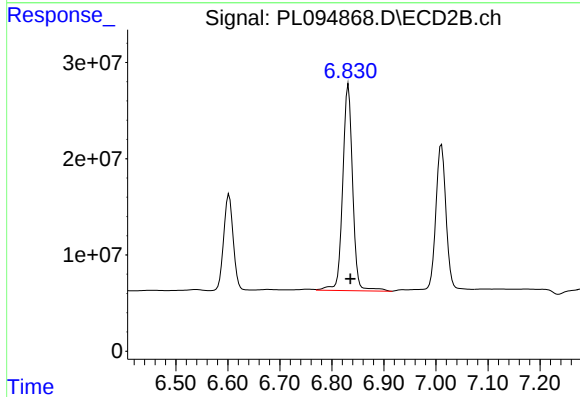
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 135756619
Conc: 51.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

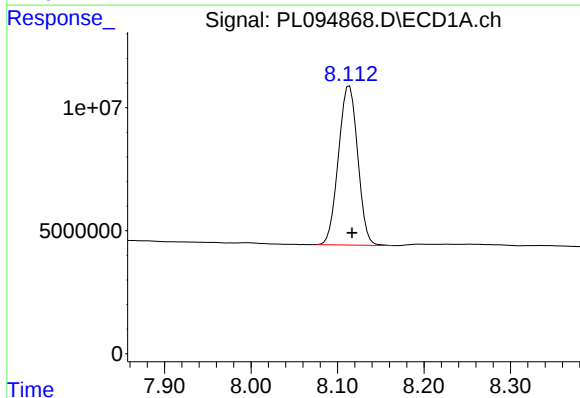
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



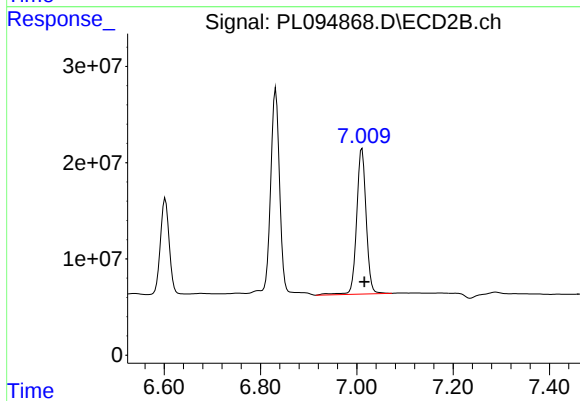
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 284645173
Conc: 59.64 ng/ml



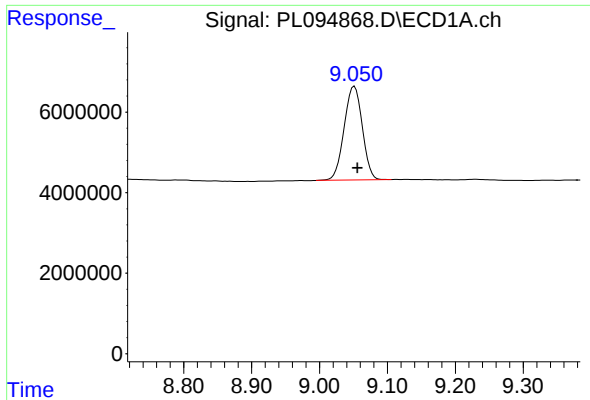
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 99494525
Conc: 48.15 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 207912790
Conc: 54.78 ng/ml



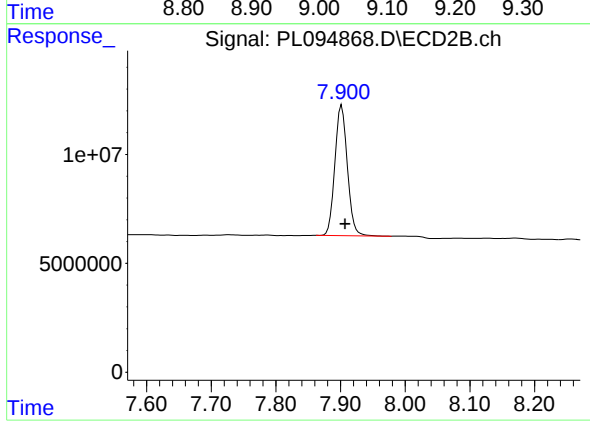
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 43341717
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167311BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 80062335
Conc: 19.82 ng/ml