

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 19:37
 Operator : AR\AJ
 Sample : Q1547-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-620-JB-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 11:39:53 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	2.770	52324469	67575931	18.485m	18.933
28)	SA Decachlor...	9.048	7.902	56415825	97456968	26.770	24.127
Target Compounds							
2)	A alpha-BHC	3.991	3.270	204.2E6	279.1E6	49.166	51.769m
3)	MA gamma-BHC...	4.324	3.600	197.5E6	266.2E6	49.484	51.789m
4)	MA Heptachlor	4.912	3.939	183.5E6	257.8E6	47.266	48.934
5)	MB Aldrin	5.253	4.218	173.7E6	242.5E6	47.037	49.737
6)	B beta-BHC	4.523	3.902	90128392	116.0E6	48.844	52.221
7)	B delta-BHC	4.769	4.130	180.0E6	226.1E6	46.228	45.207
8)	B Heptachlo...	5.680	4.721	163.6E6	239.6E6	48.908	52.339
9)	A Endosulfan I	6.065	5.090	154.7E6	229.3E6	50.387	52.252
10)	B gamma-Chl...	5.936	4.971	165.8E6	248.7E6	49.218	51.510
11)	B alpha-Chl...	6.015	5.033	163.6E6	241.8E6	49.629	50.652
12)	B 4,4'-DDE	6.188	5.223	159.9E6	250.9E6	54.360	53.972
13)	MA Dieldrin	6.340	5.354	162.9E6	257.2E6	50.927	53.017
14)	MA Endrin	6.570	5.630	140.7E6	239.8E6	50.766	54.962
15)	B Endosulfa...	6.790	5.925	143.3E6	233.8E6	52.788	54.011
16)	A 4,4'-DDD	6.706	5.778	123.5E6	205.2E6	57.028	57.063
17)	MA 4,4'-DDT	7.019	6.028	132.0E6	226.0E6	55.498	56.060
18)	B Endrin al...	6.920	6.104	109.9E6	178.8E6	52.061	53.124
19)	B Endosulfa...	7.155	6.327	129.0E6	219.6E6	53.034	53.913
20)	A Methoxychlor	7.496	6.603	70246435	119.7E6	58.682	56.423
21)	B Endrin ke...	7.639	6.832	150.2E6	265.8E6	56.829	55.686
22)	Mirex	8.112	7.011	109.0E6	198.5E6	52.743	52.310

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094693.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 19:37
Operator : AR\AJ
Sample : Q1547-05MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

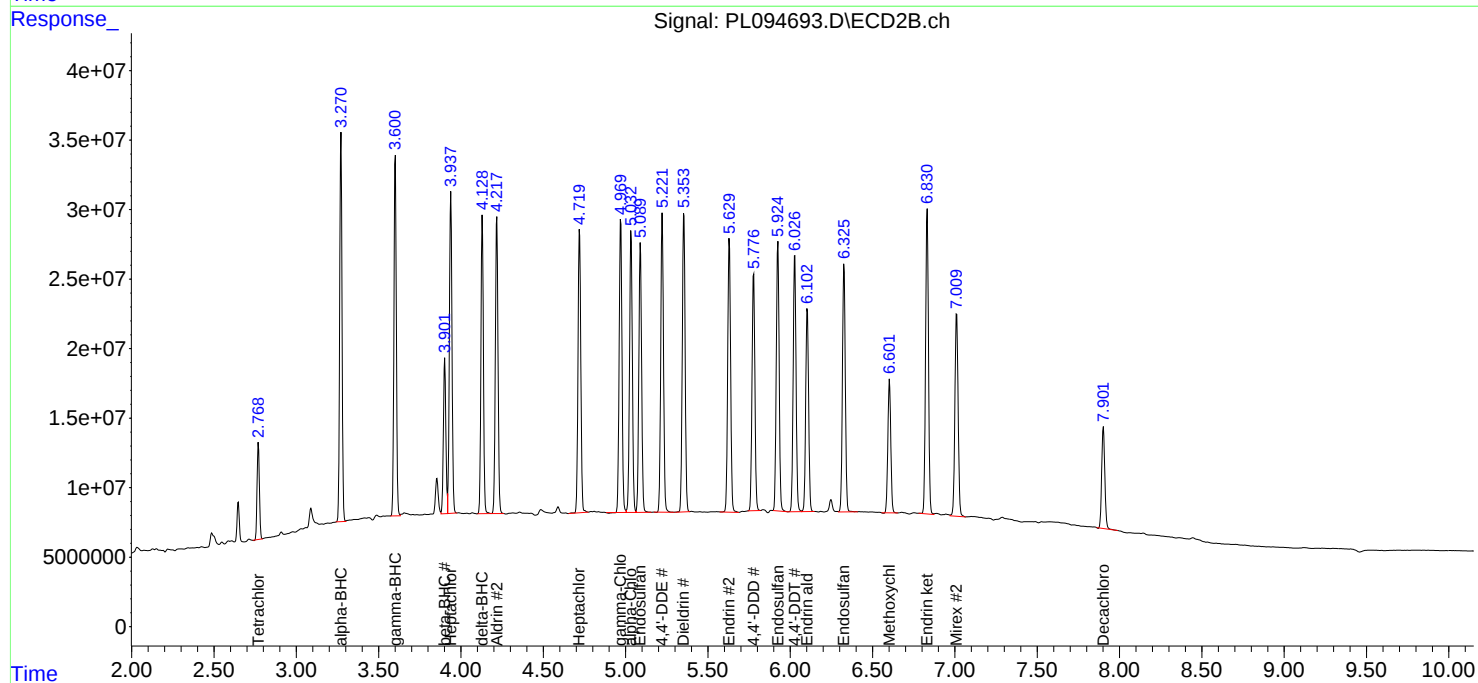
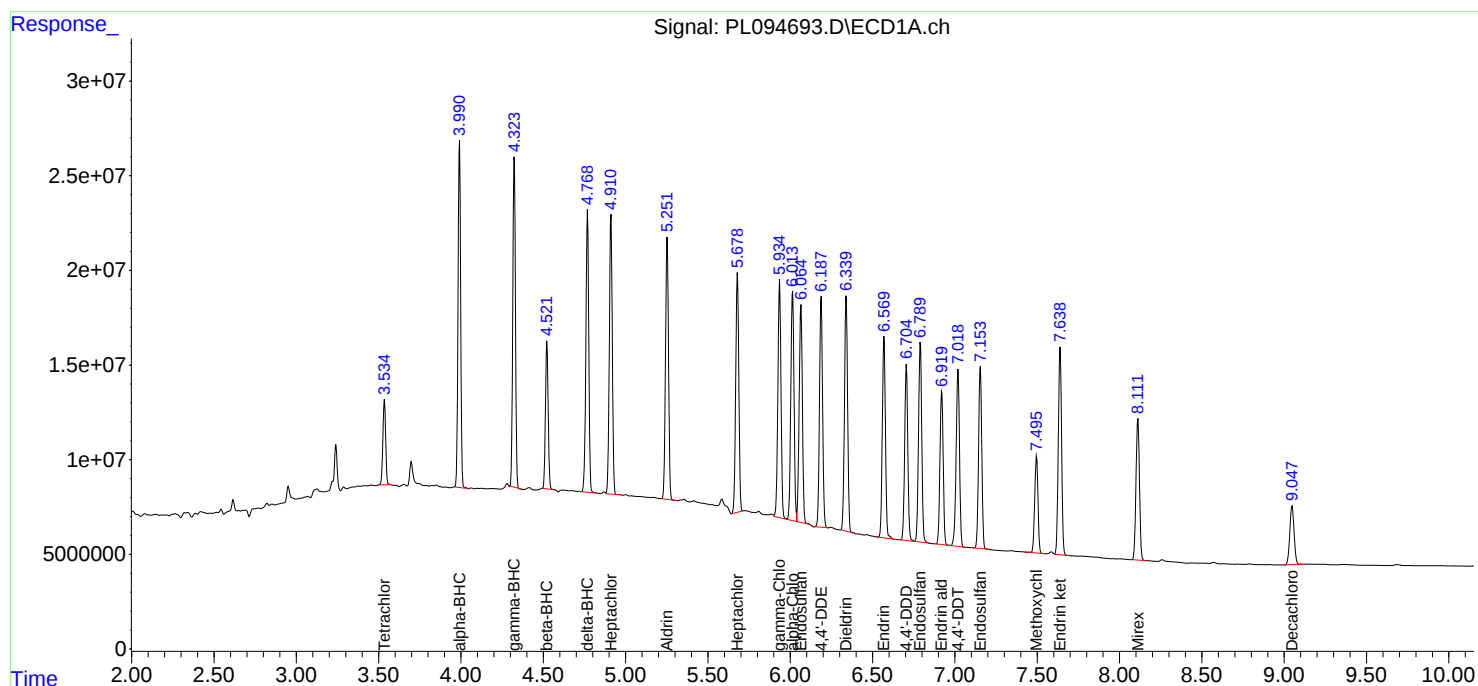
Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

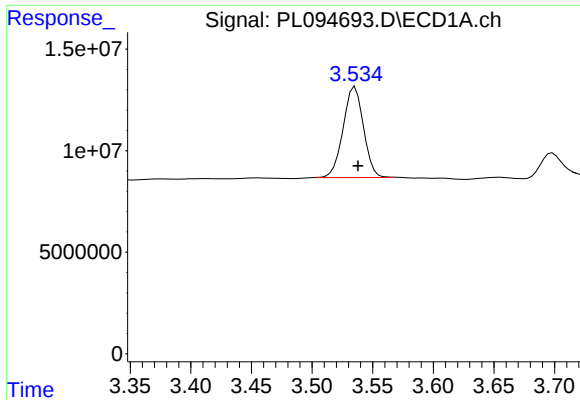
Manual Integrations
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Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:39:53 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





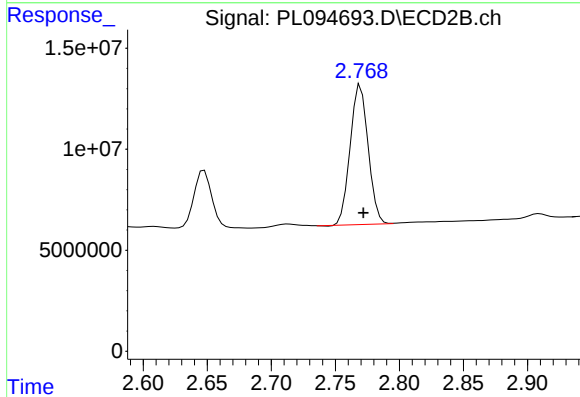
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 52324469
Conc: 18.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

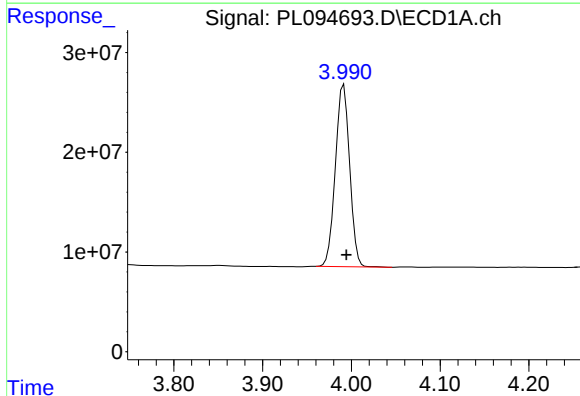
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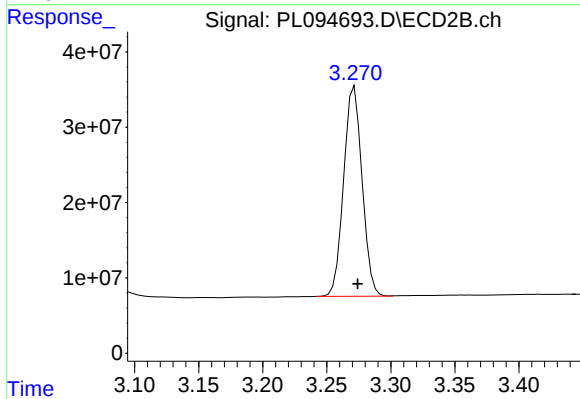
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 67575931
Conc: 18.93 ng/ml



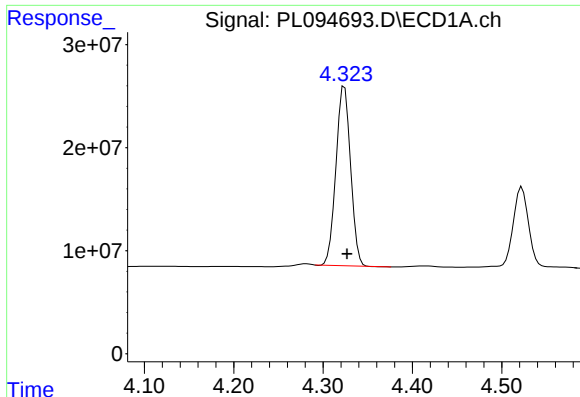
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 204155142
Conc: 49.17 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 279107273
Conc: 51.77 ng/ml m



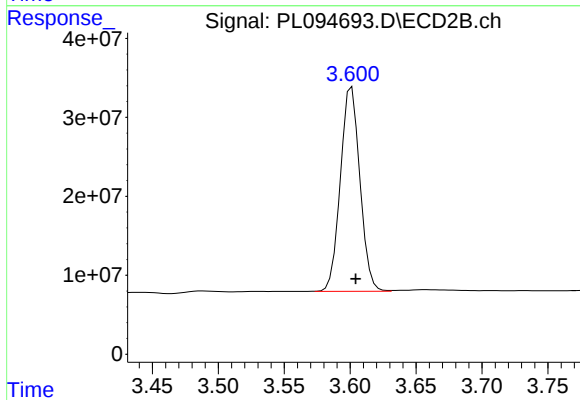
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 197453157
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

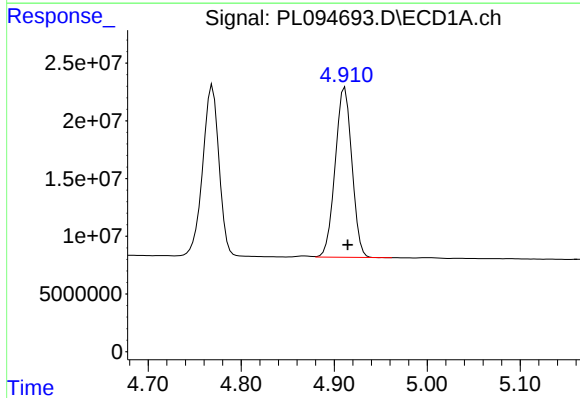
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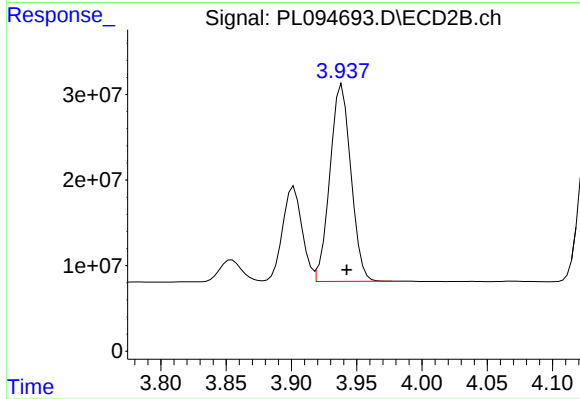
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 266168274
Conc: 51.79 ng/ml m



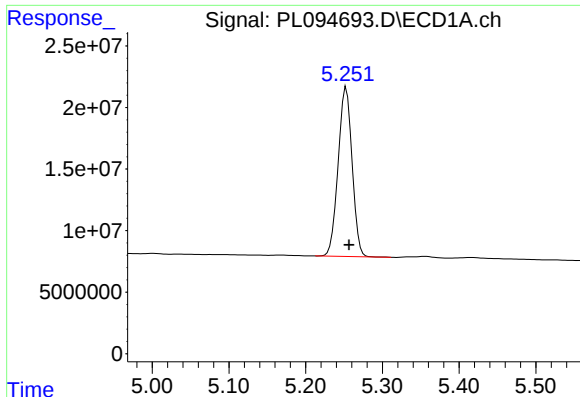
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 183468809
Conc: 47.27 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 257814089
Conc: 48.93 ng/ml



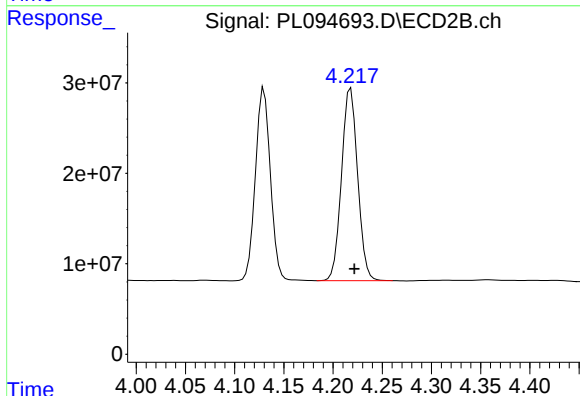
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 173671307
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

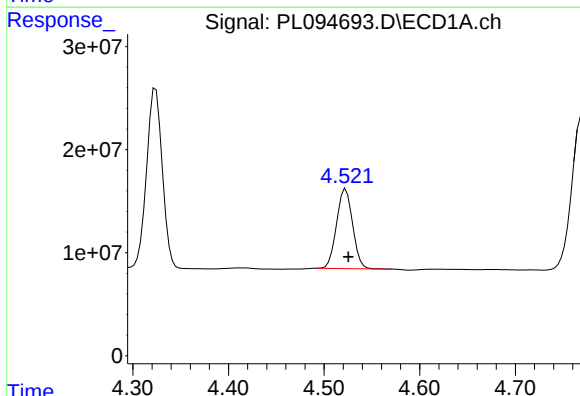
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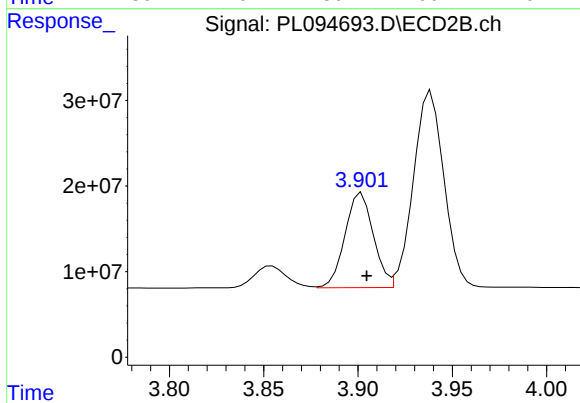
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 242533292
Conc: 49.74 ng/ml



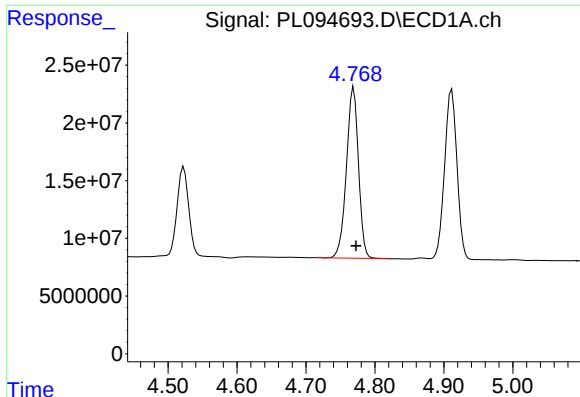
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 90128392
Conc: 48.84 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 115998790
Conc: 52.22 ng/ml



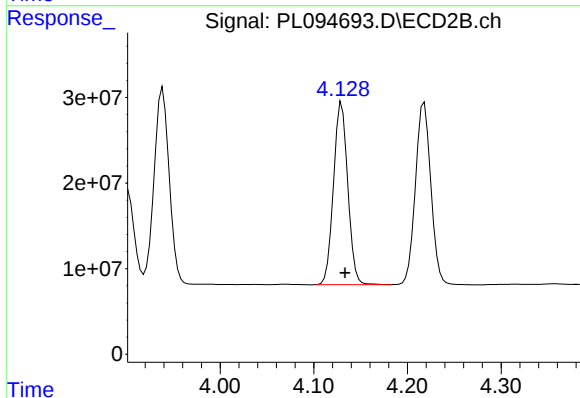
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 180024330
Conc: 46.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

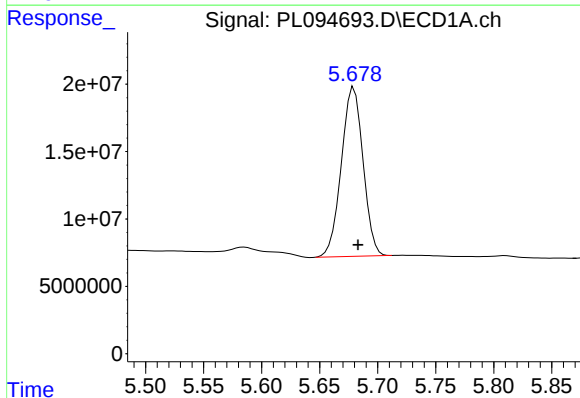
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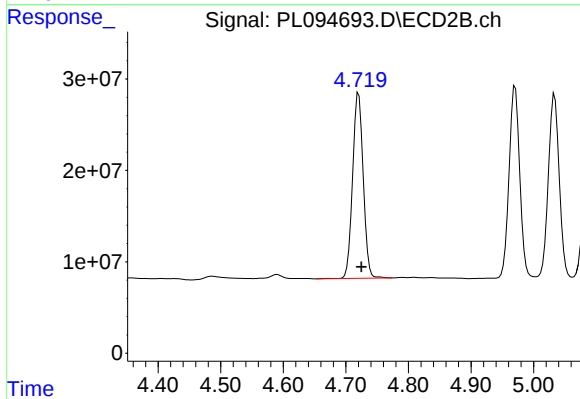
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 226124466
Conc: 45.21 ng/ml



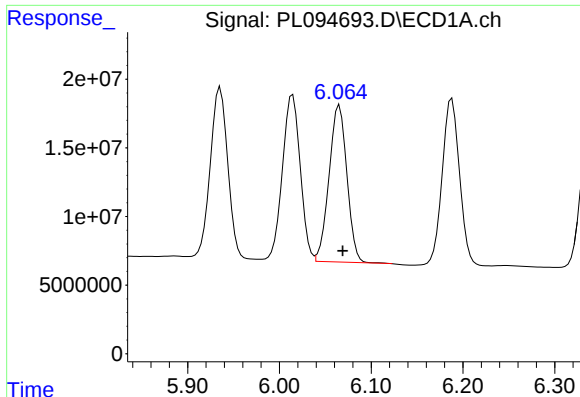
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 163608176
Conc: 48.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 239639445
Conc: 52.34 ng/ml



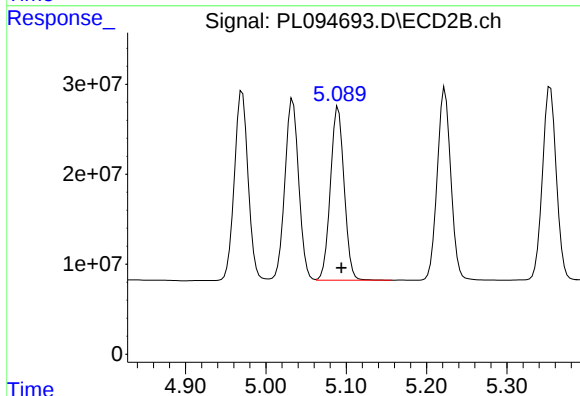
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 154698407
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

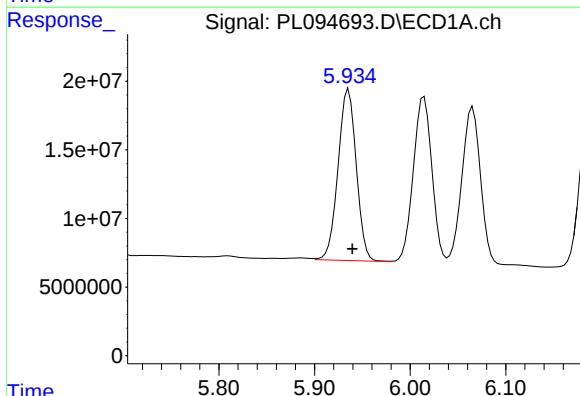
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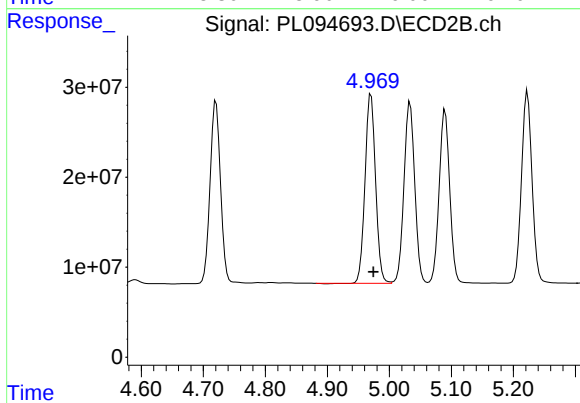
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 229321823
Conc: 52.25 ng/ml



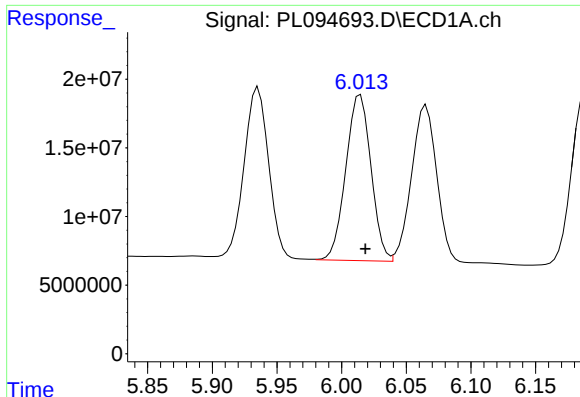
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 165832600
Conc: 49.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 248713065
Conc: 51.51 ng/ml



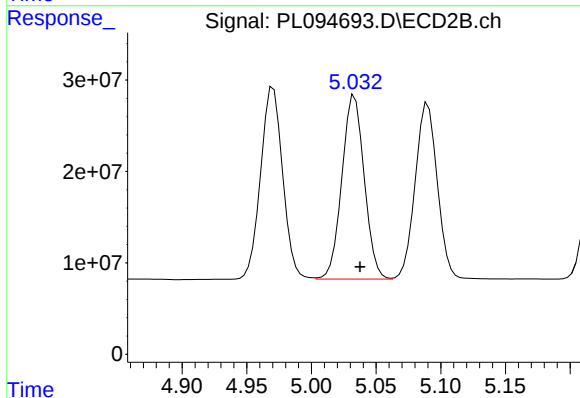
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 163619904
Conc: 49.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

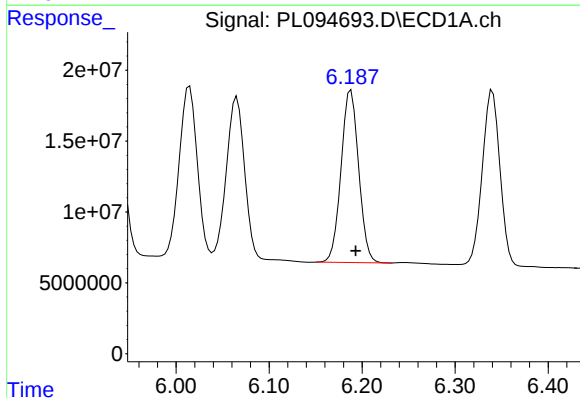
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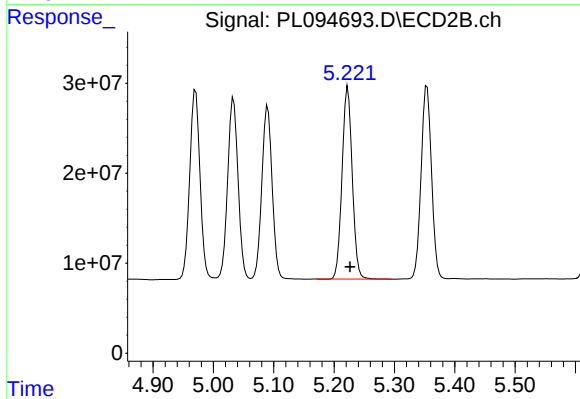
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 241752633
Conc: 50.65 ng/ml



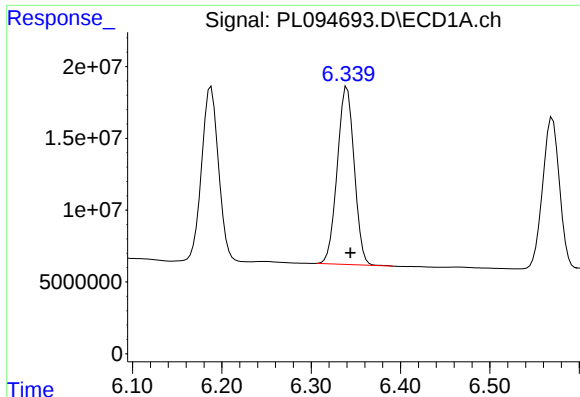
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 159929087
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 250892361
Conc: 53.97 ng/ml



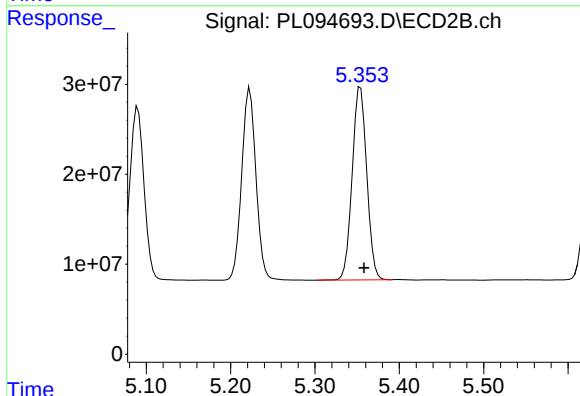
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 162871069
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
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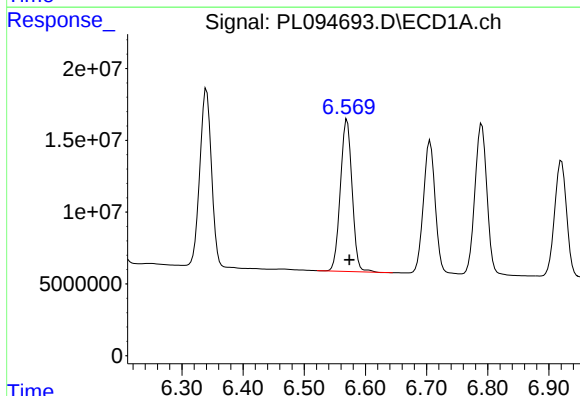
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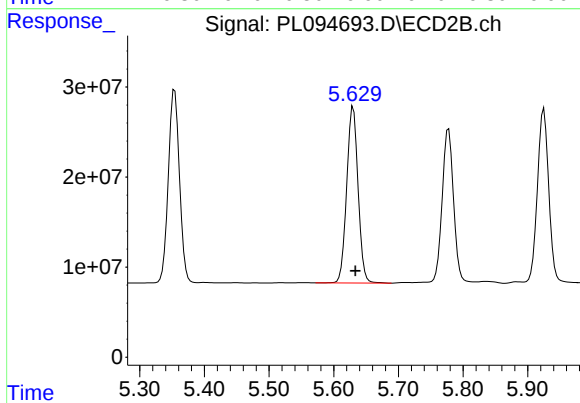
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 257230933
Conc: 53.02 ng/ml



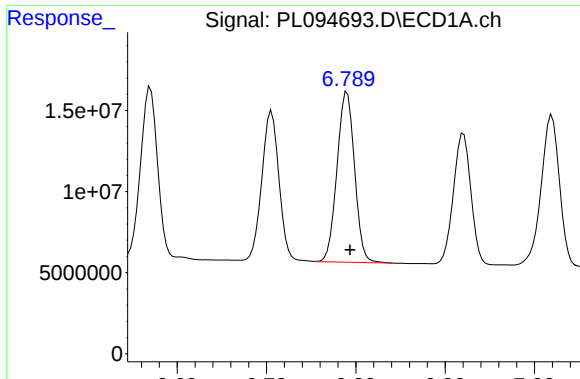
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 140727647
Conc: 50.77 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 239833667
Conc: 54.96 ng/ml



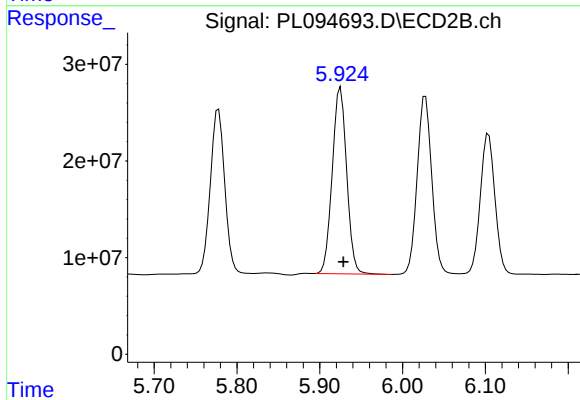
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 143305135
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
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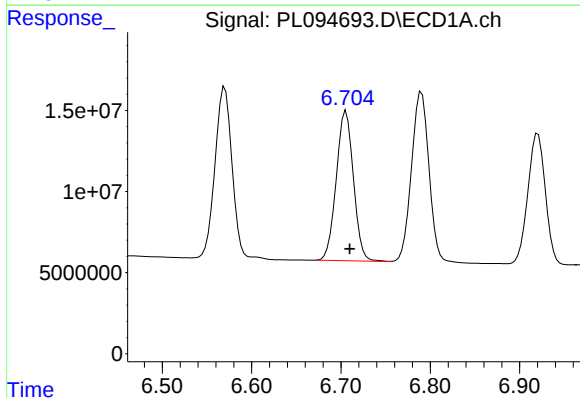
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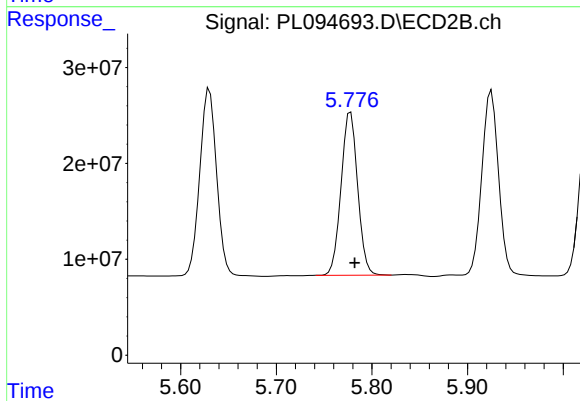
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 233771947
Conc: 54.01 ng/ml



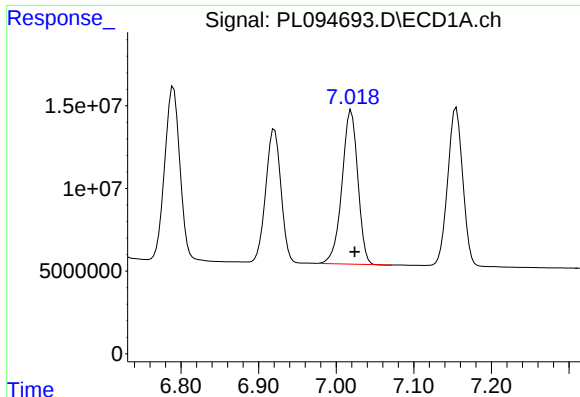
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 123526723
Conc: 57.03 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 205190914
Conc: 57.06 ng/ml



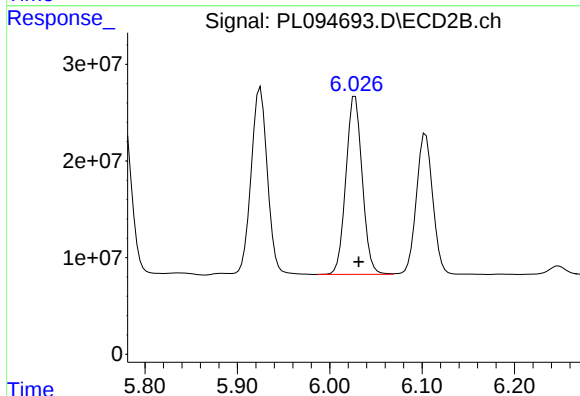
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 132005061
Conc: 55.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

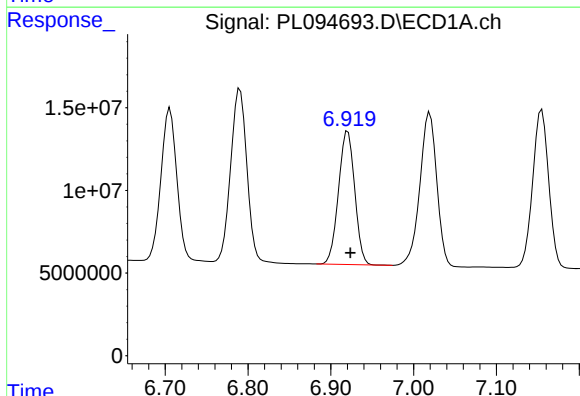
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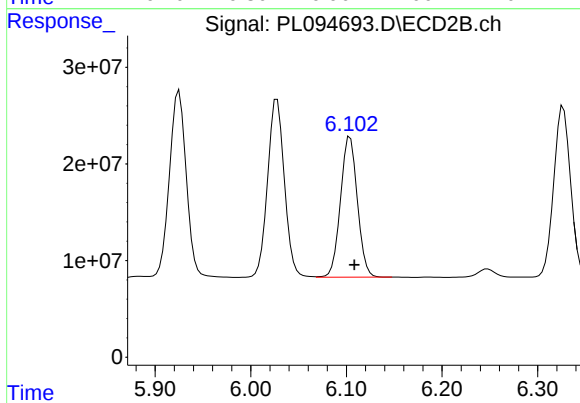
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 226041143
Conc: 56.06 ng/ml



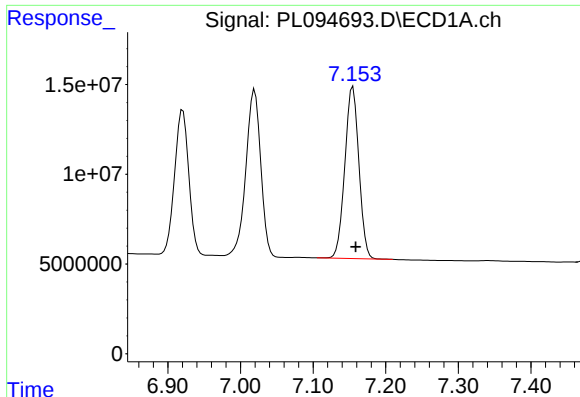
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 109900240
Conc: 52.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 178781921
Conc: 53.12 ng/ml



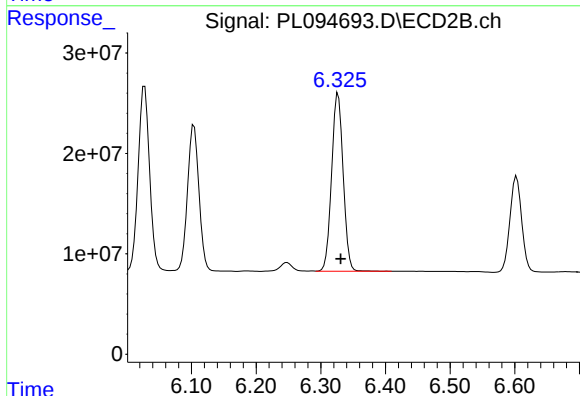
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 128980249
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

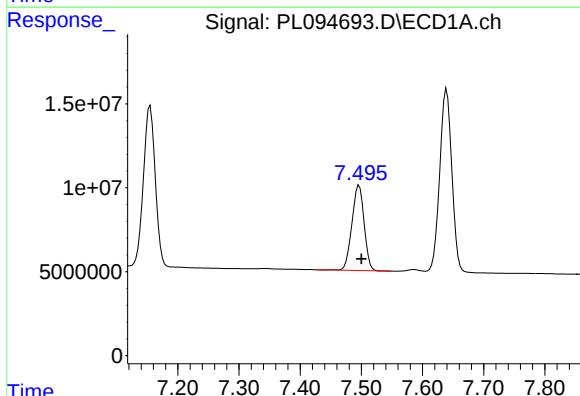
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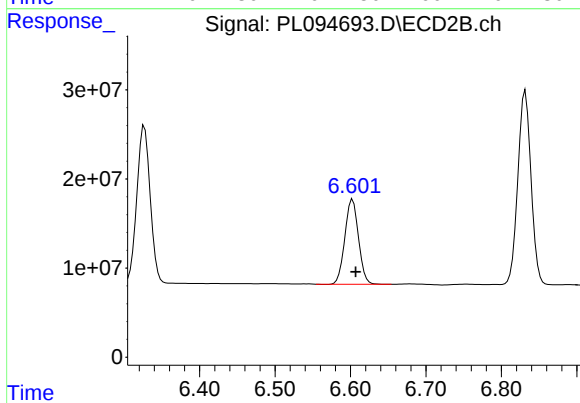
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 219612905
Conc: 53.91 ng/ml



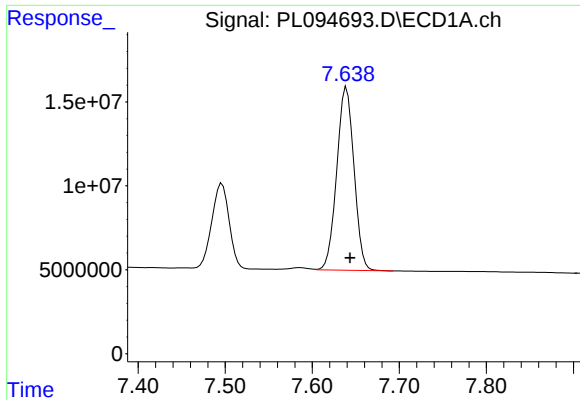
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 70246435
Conc: 58.68 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 119676856
Conc: 56.42 ng/ml



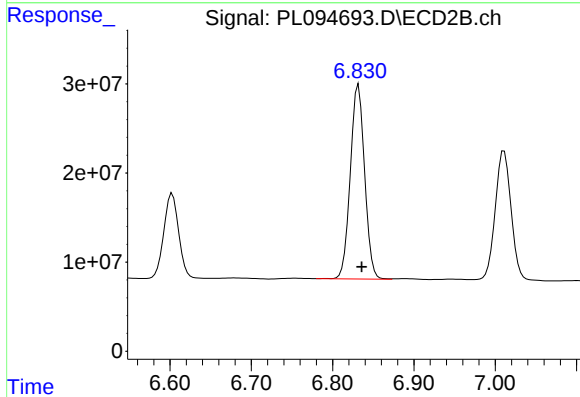
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 150215557
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

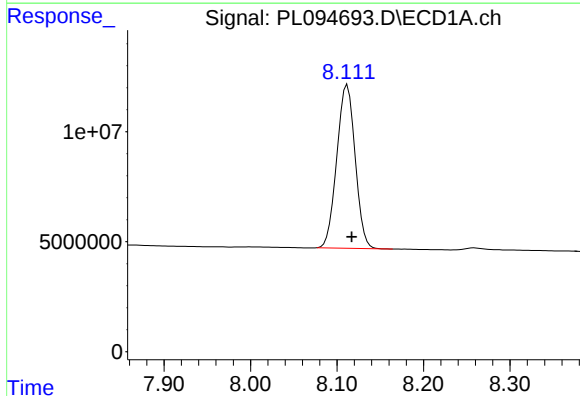
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



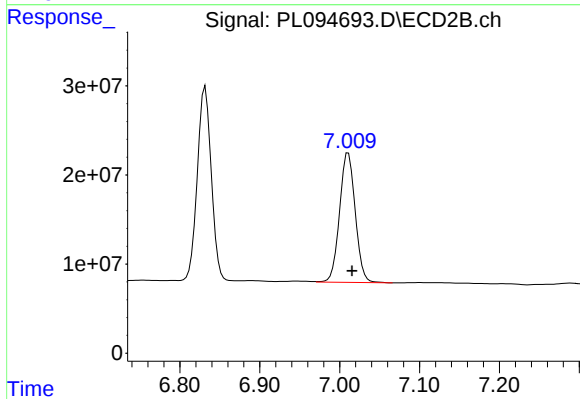
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 265768029
Conc: 55.69 ng/ml



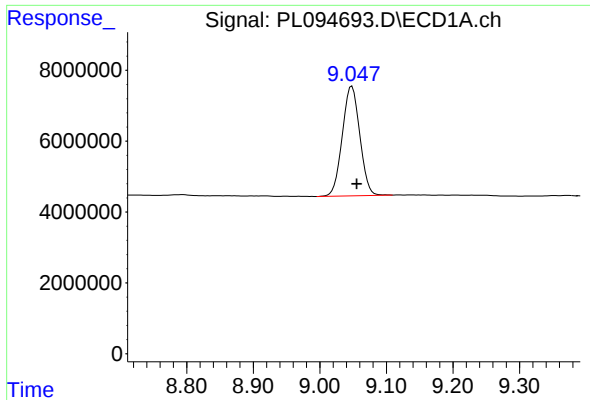
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 108982902
Conc: 52.74 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 198534626
Conc: 52.31 ng/ml



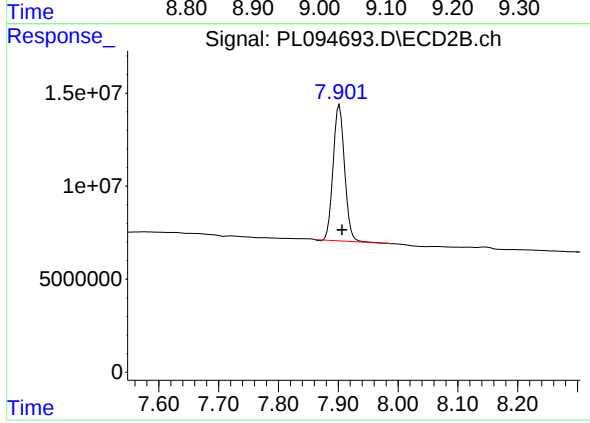
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.007 min
Response: 56415825
Conc: 26.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-620-JB-COMP-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 97456968
Conc: 24.13 ng/ml