

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 20:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 11:41:01 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...	3.535	2.770	132.2E6	175.9E6	46.690	49.275
28)	SA Decachlor...	9.048	7.902	113.5E6	208.8E6	53.868	51.697
Target Compounds							
2)	A alpha-BHC	3.991	3.272	193.9E6	267.4E6	46.689	49.599
3)	MA gamma-BHC...	4.324	3.601	187.6E6	253.3E6	47.023	49.295
4)	MA Heptachlor	4.911	3.939	176.6E6	253.2E6	45.505	48.057
5)	MB Aldrin	5.252	4.218	168.7E6	238.8E6	45.702	48.965
6)	B beta-BHC	4.522	3.901	86759625	111.4E6	47.019	50.157
7)	B delta-BHC	4.769	4.129	190.2E6	255.9E6	48.844	51.164
8)	B Heptachlo...	5.679	4.720	152.8E6	224.4E6	45.670	49.006
9)	A Endosulfan I	6.065	5.090	142.7E6	209.7E6	46.472	47.792
10)	B gamma-Chl...	5.935	4.970	156.3E6	238.0E6	46.381	49.295
11)	B alpha-Chl...	6.014	5.033	153.7E6	233.7E6	46.627	48.964
12)	B 4,4'-DDE	6.188	5.221	148.6E6	237.0E6	50.502	50.992m
13)	MA Dieldrin	6.339	5.352	150.1E6	239.4E6	46.923	49.334m
14)	MA Endrin	6.568	5.629	127.7E6	212.8E6	46.053m	48.756
15)	B Endosulfa...	6.789	5.924	130.4E6	216.0E6	48.035	49.903
16)	A 4,4'-DDD	6.706	5.777	114.2E6	193.0E6	52.733	53.682
17)	MA 4,4'-DDT	7.019	6.027	120.2E6	209.0E6	50.525	51.822
18)	B Endrin al...	6.920	6.103	102.1E6	164.6E6	48.385	48.921
19)	B Endosulfa...	7.154	6.326	119.7E6	204.2E6	49.230	50.131
20)	A Methoxychlor	7.496	6.602	64887009	112.2E6	54.205	52.887
21)	B Endrin ke...	7.639	6.832	135.1E6	240.2E6	51.106	50.330
22)	Mirex	8.111	7.011	101.5E6	186.6E6	49.126	49.177

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 20:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

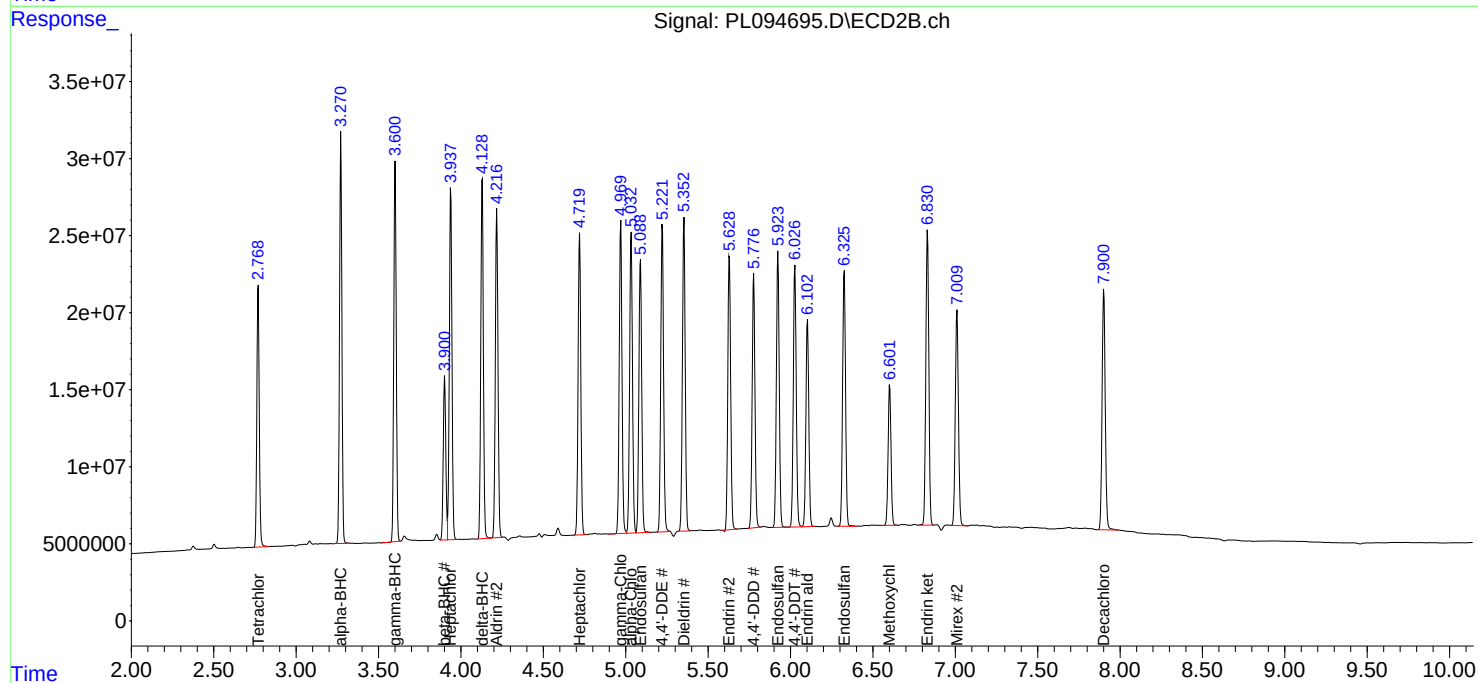
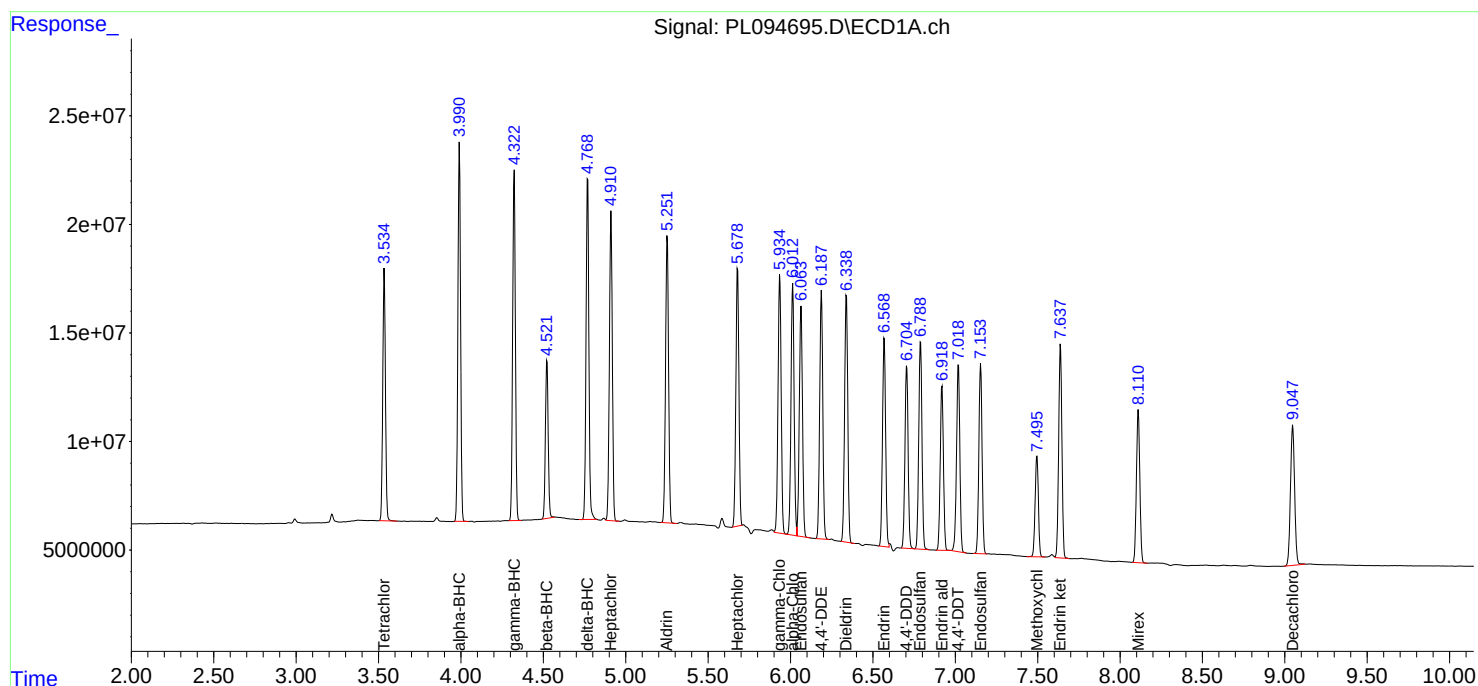
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

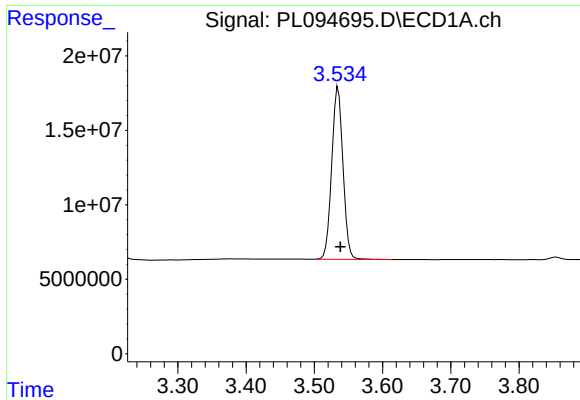
Manual Integrations
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Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:41:01 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





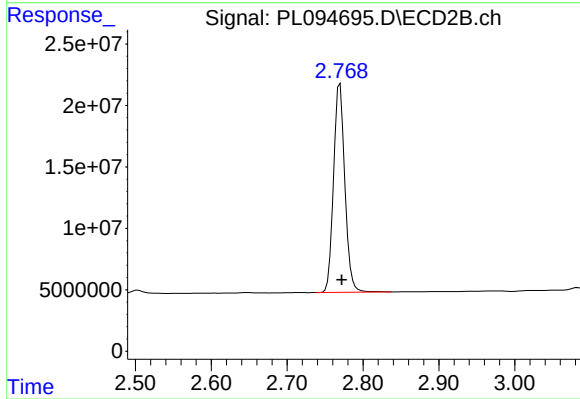
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 132165245
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

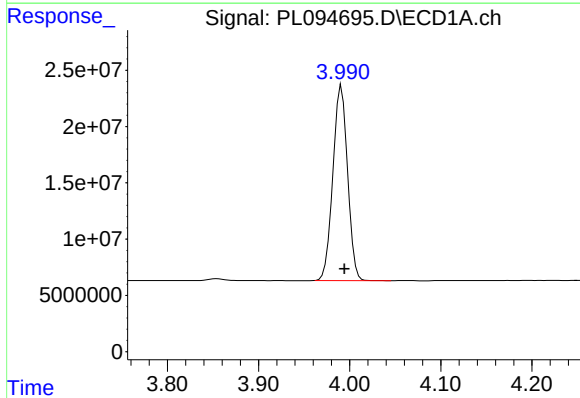
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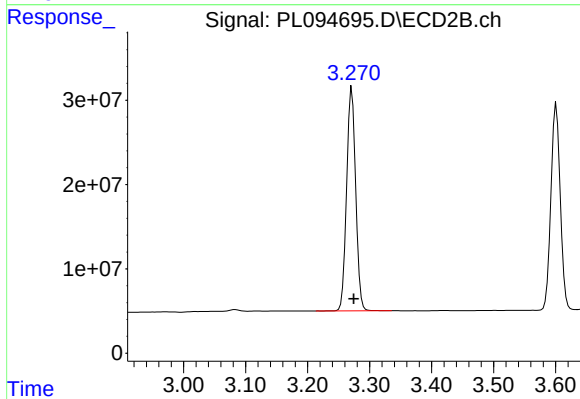
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 175877025
Conc: 49.28 ng/ml



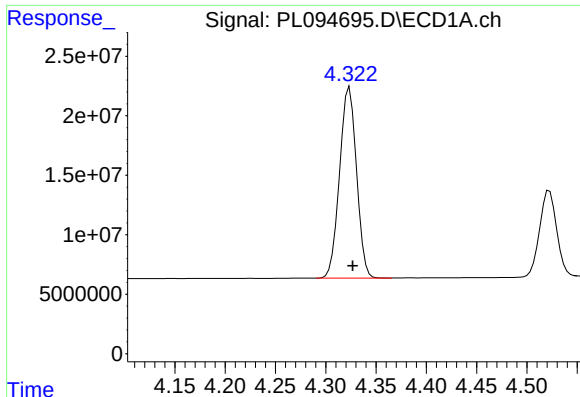
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 193868008
Conc: 46.69 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 267406931
Conc: 49.60 ng/ml



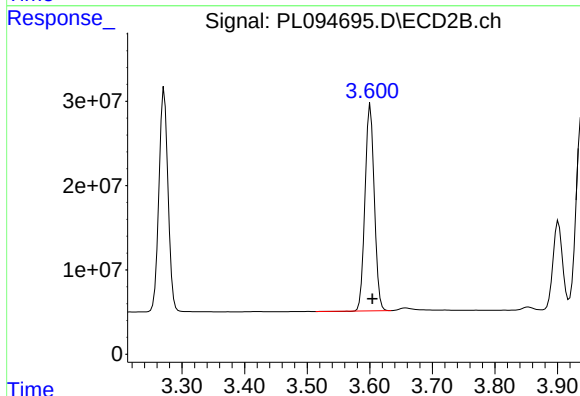
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 187636128
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

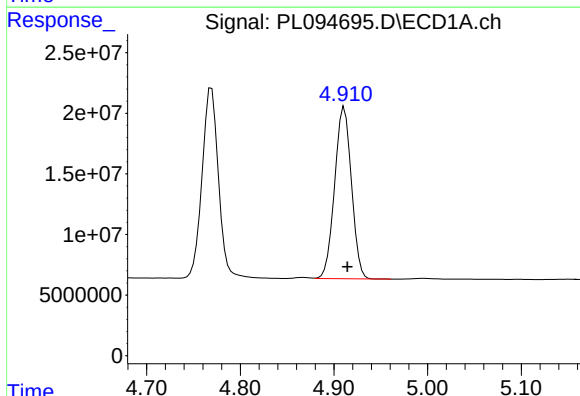
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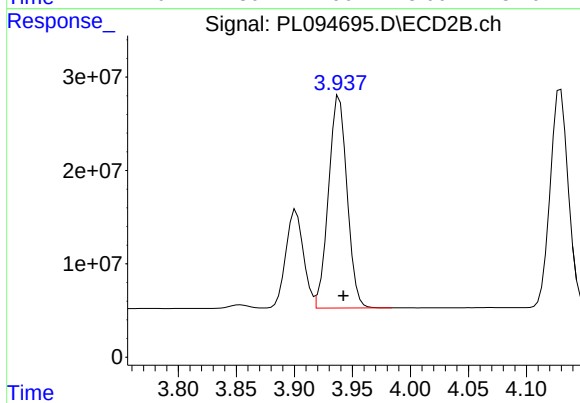
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 253348253
Conc: 49.29 ng/ml



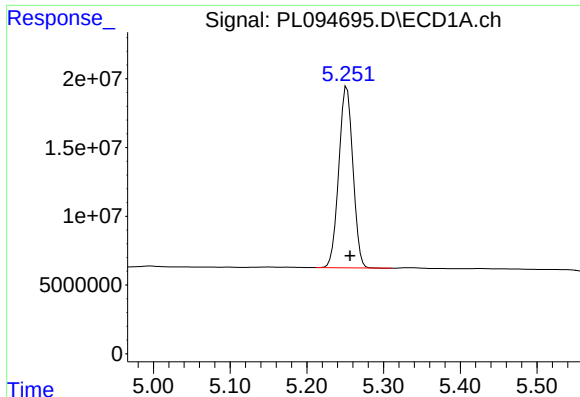
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 176632955
Conc: 45.50 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 253193498
Conc: 48.06 ng/ml



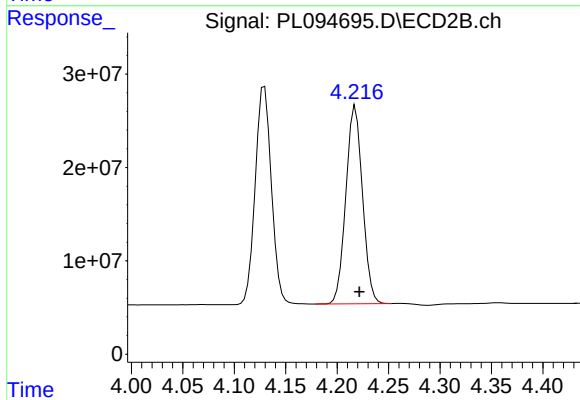
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 168742974
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

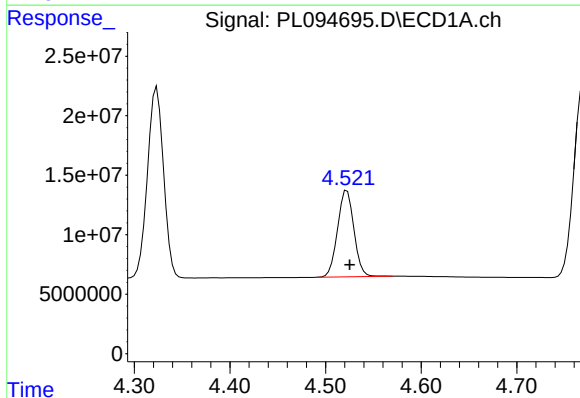
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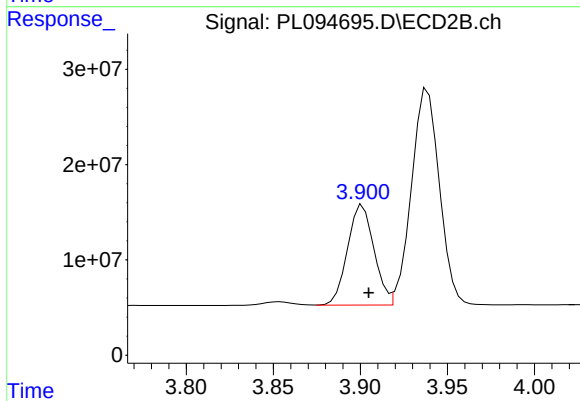
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 238772366
Conc: 48.97 ng/ml



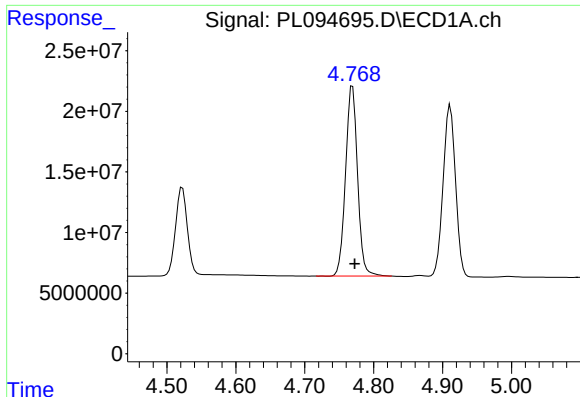
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 86759625
Conc: 47.02 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 111413549
Conc: 50.16 ng/ml



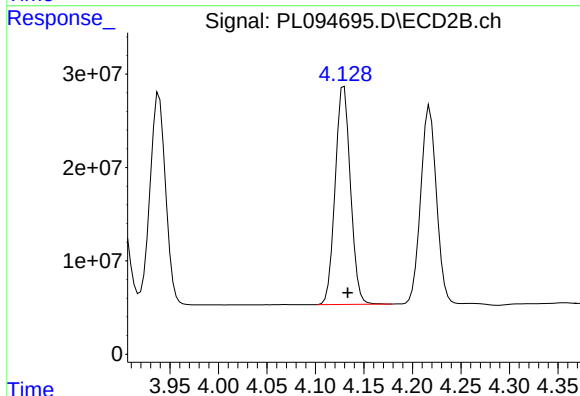
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 190214100
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

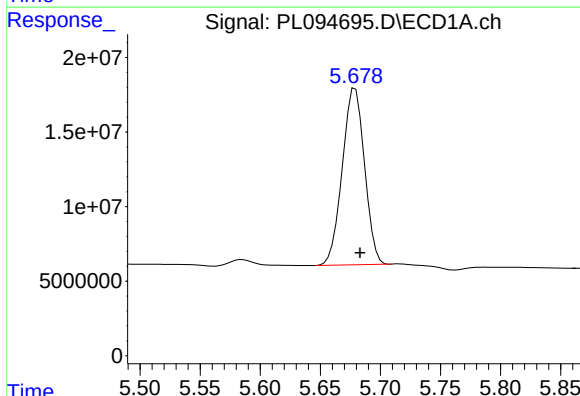
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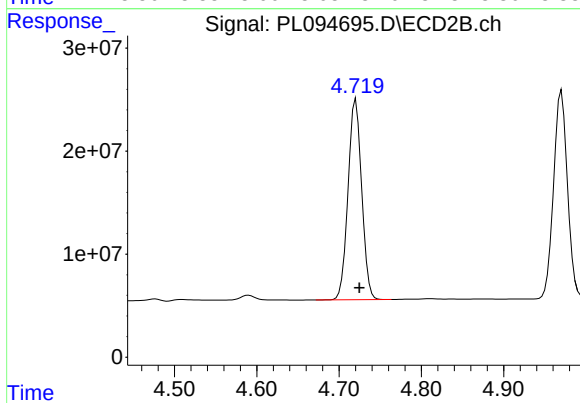
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 255920086
Conc: 51.16 ng/ml



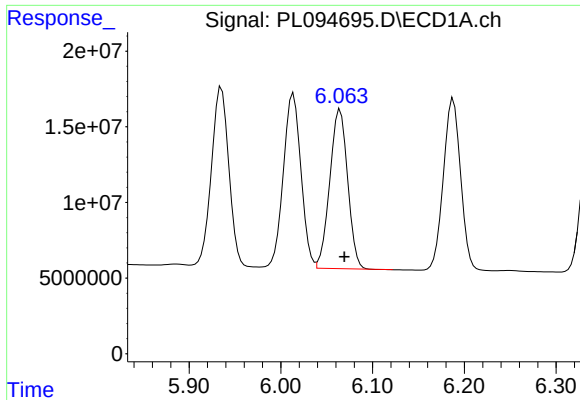
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 152774448
Conc: 45.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.004 min
Response: 224379280
Conc: 49.01 ng/ml



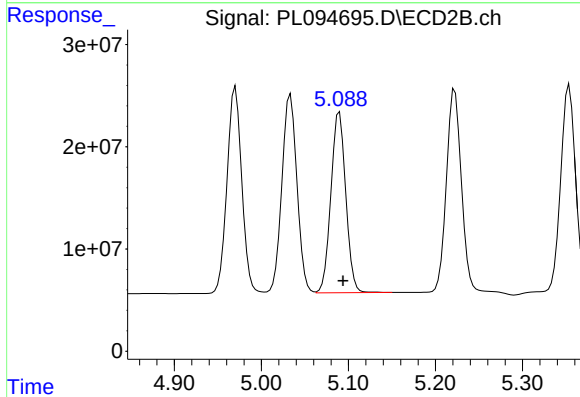
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 142679003
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

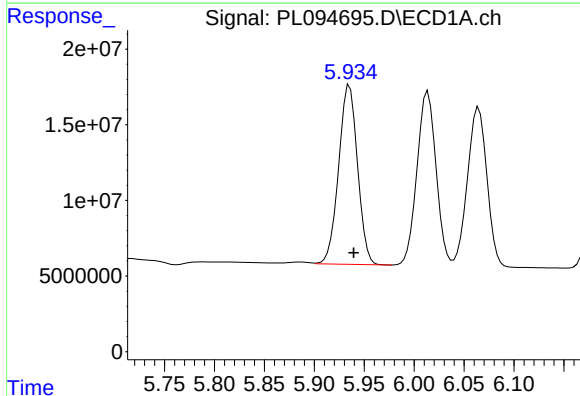
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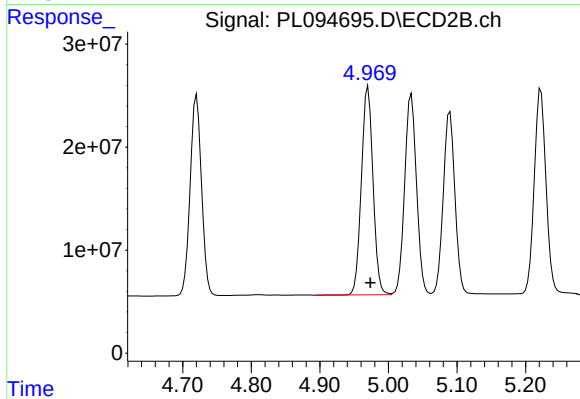
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 209748171
Conc: 47.79 ng/ml



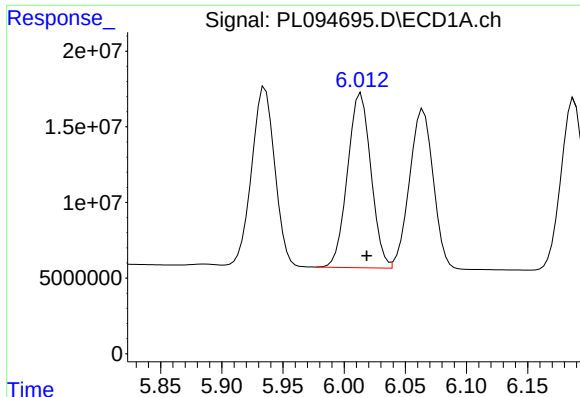
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: 156273973
Conc: 46.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 238014756
Conc: 49.29 ng/ml



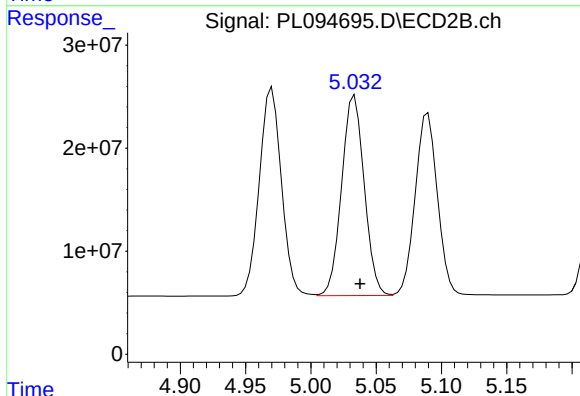
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 153721277
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

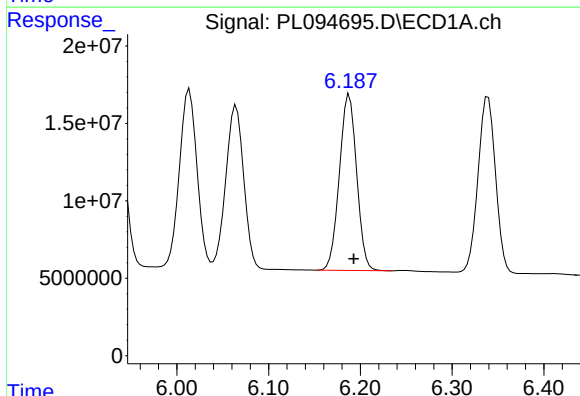
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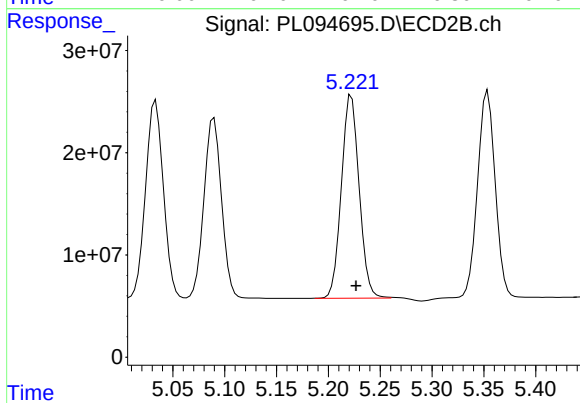
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.004 min
Response: 233692800
Conc: 48.96 ng/ml



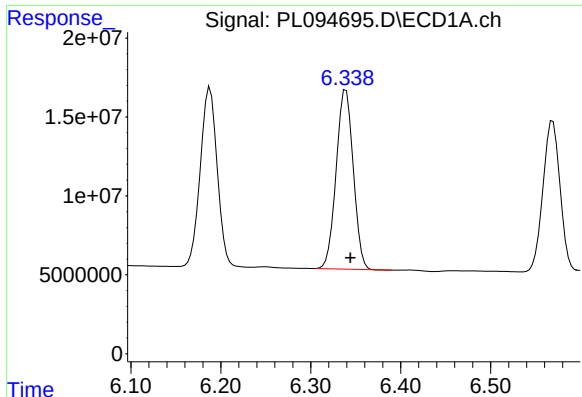
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 148578400
Conc: 50.50 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 237038580
Conc: 50.99 ng/ml m



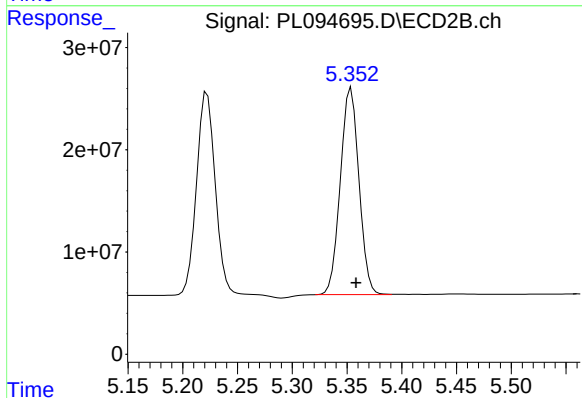
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 150067287
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

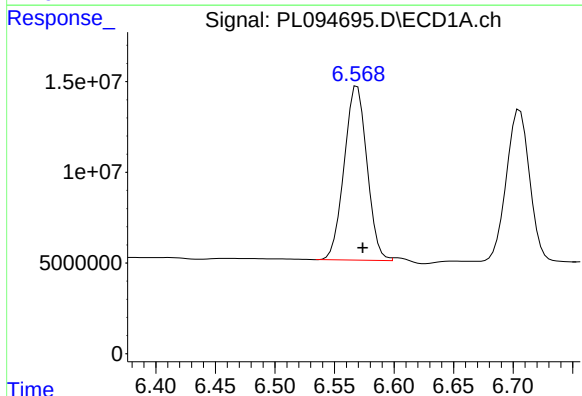
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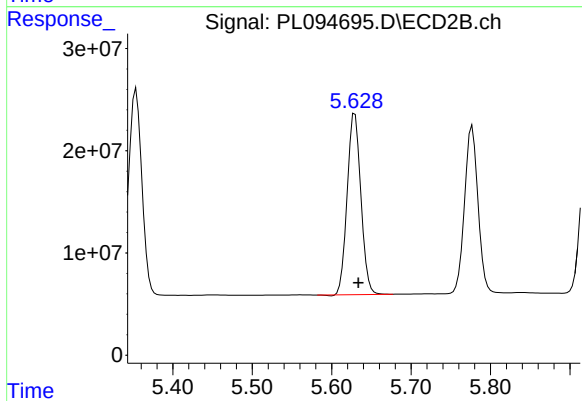
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 239359195
Conc: 49.33 ng/ml m



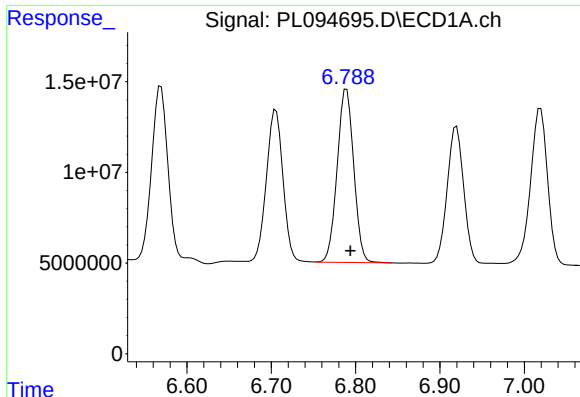
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 127662593
Conc: 46.05 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 212753246
Conc: 48.76 ng/ml



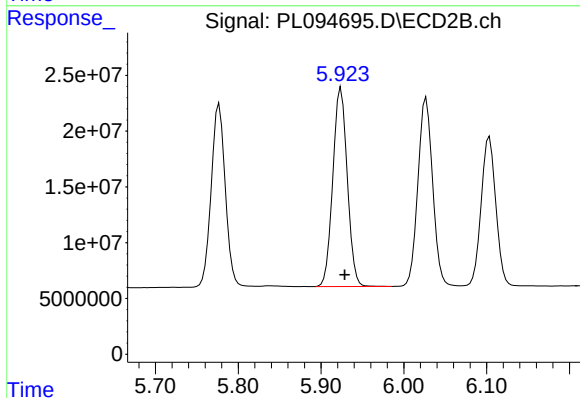
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.004 min
Response: 130402869
Conc: 48.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

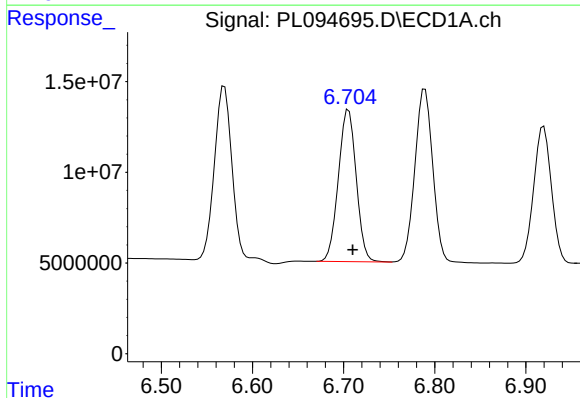
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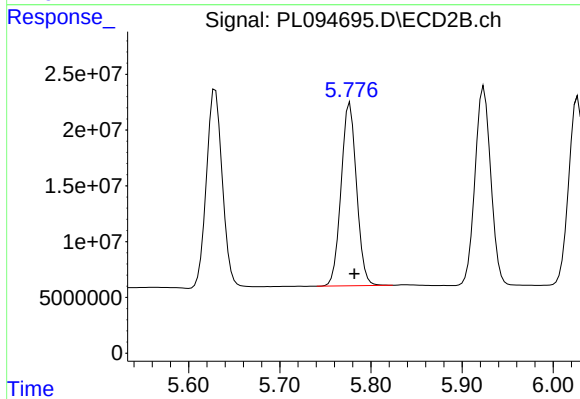
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 215995147
Conc: 49.90 ng/ml



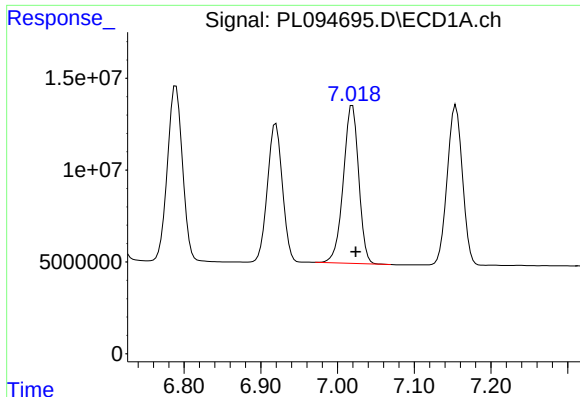
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 114222352
Conc: 52.73 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 193033437
Conc: 53.68 ng/ml



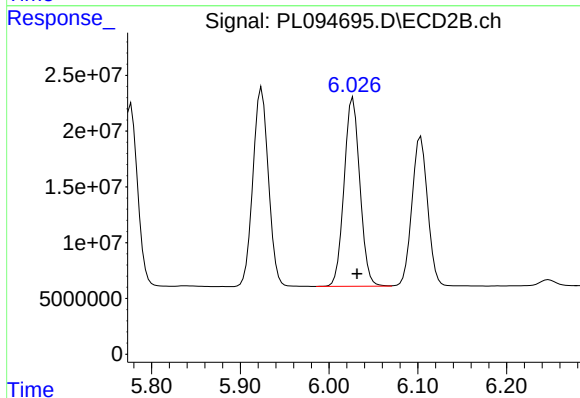
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.004 min
Response: 120175352
Conc: 50.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

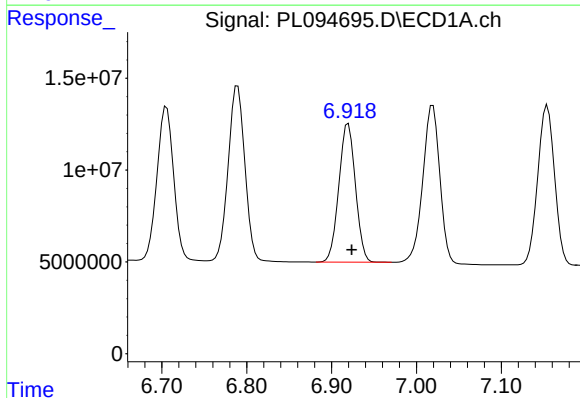
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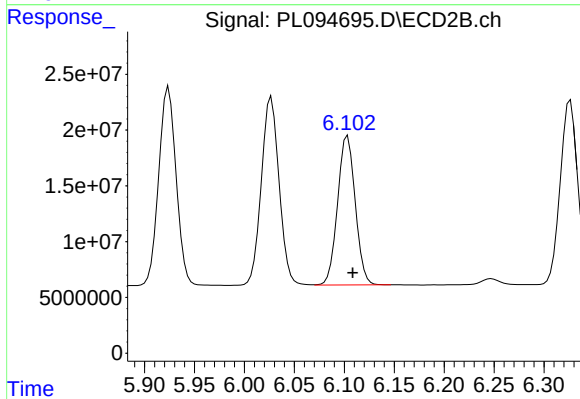
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 208951297
Conc: 51.82 ng/ml



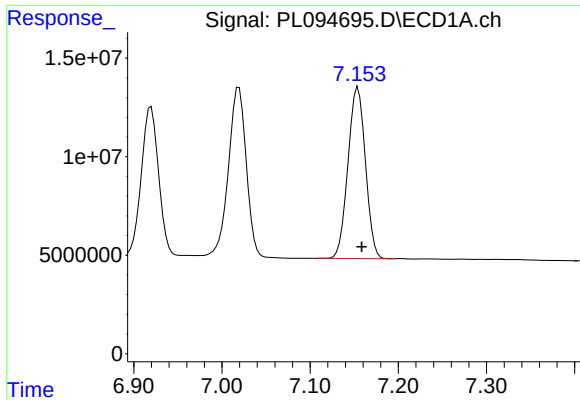
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 102139901
Conc: 48.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 164637520
Conc: 48.92 ng/ml



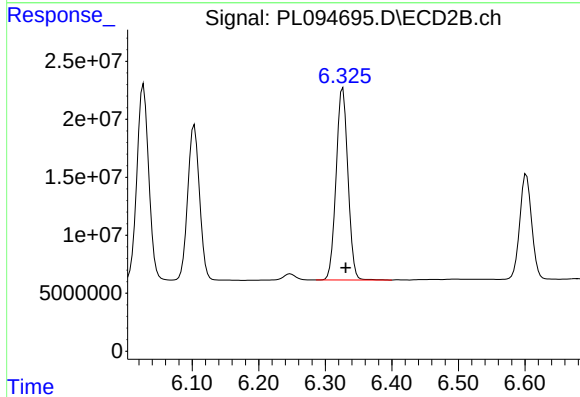
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 119728403
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

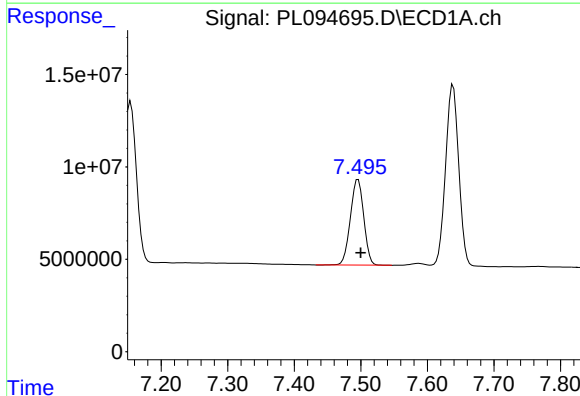
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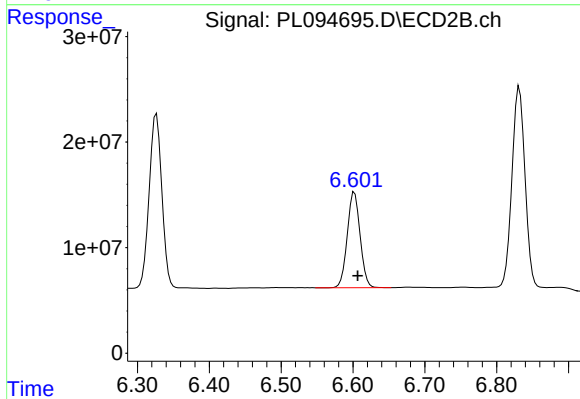
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 204206773
Conc: 50.13 ng/ml



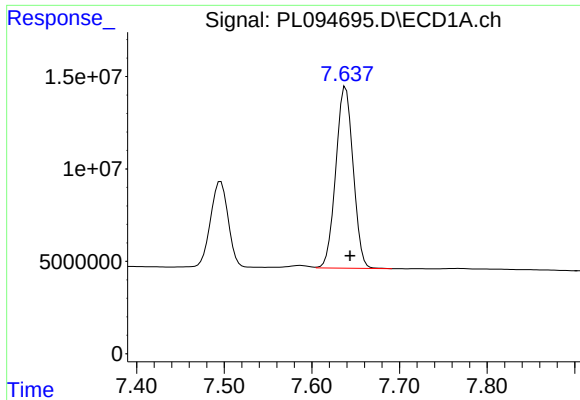
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 64887009
Conc: 54.20 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 112177708
Conc: 52.89 ng/ml



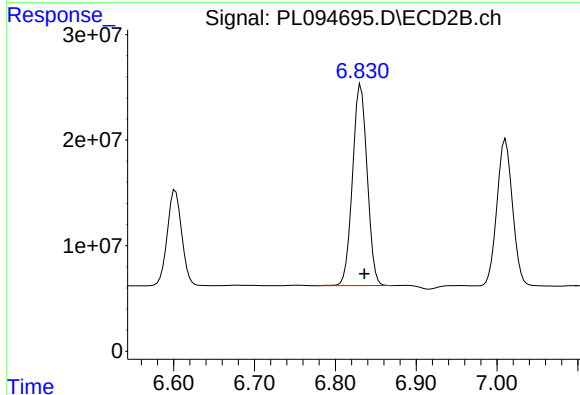
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 135086488
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

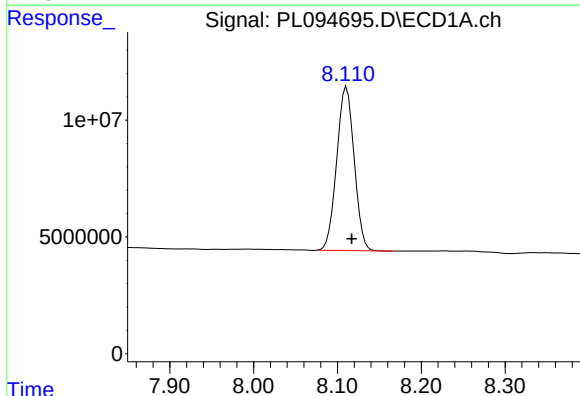
Manual Integrations
APPROVED

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



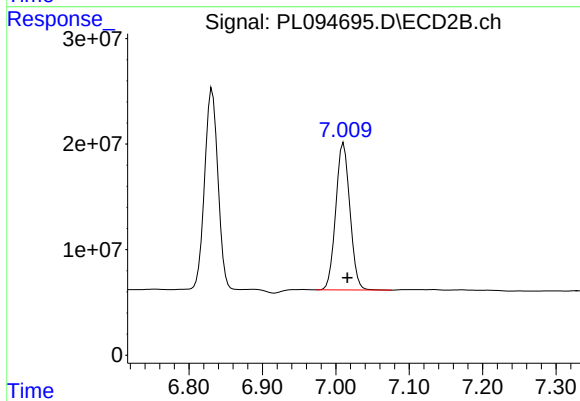
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 240203339
Conc: 50.33 ng/ml



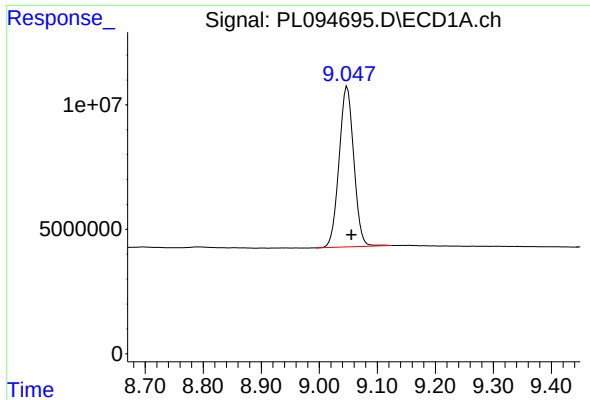
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 101508205
Conc: 49.13 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.005 min
Response: 186642519
Conc: 49.18 ng/ml



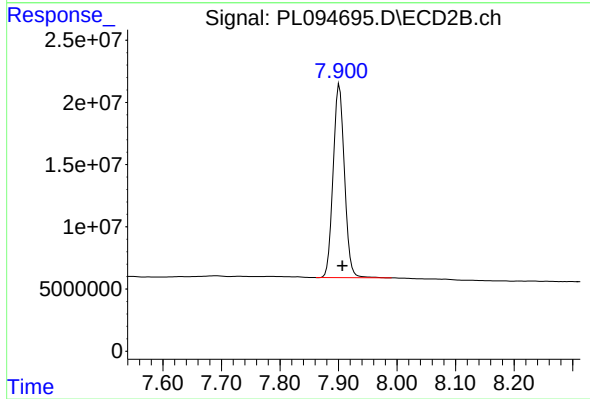
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.007 min
Response: 113523839
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 208824224
Conc: 51.70 ng/ml