

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
 Data File : PL094947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 16:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/31/2025
 Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 23:11:54 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	2.769	149.6E6	208.9E6	52.834	58.525
28)	SA Decachlor...	9.049	7.901	116.0E6	227.0E6	55.059	56.191
Target Compounds							
2)	A alpha-BHC	3.991	3.270	218.7E6	321.5E6	52.678	59.627
3)	MA gamma-BHC...	4.323	3.599	209.2E6	300.9E6	52.428	58.538m
4)	MA Heptachlor	4.911	3.938	194.3E6	297.7E6	50.068	56.500
5)	MB Aldrin	5.252	4.217	185.2E6	279.6E6	50.171	57.334
6)	B beta-BHC	4.523	3.901	95194838	129.7E6	51.590	58.400
7)	B delta-BHC	4.770	4.129	205.6E6	299.3E6	52.791	59.828
8)	B Heptachlo...	5.680	4.719	167.3E6	258.8E6	50.021	56.515
9)	A Endosulfan I	6.065	5.088	159.6E6	236.5E6	51.968	53.893
10)	B gamma-Chl...	5.936	4.969	172.0E6	273.4E6	51.046	56.624
11)	B alpha-Chl...	6.014	5.033	170.3E6	267.8E6	51.644	56.107
12)	B 4,4'-DDE	6.188	5.220	167.7E6	272.5E6	57.007	58.617m
13)	MA Dieldrin	6.340	5.351	167.7E6	273.7E6	52.426	56.403m
14)	MA Endrin	6.568	5.627	141.0E6	248.2E6	50.870m	56.875m
15)	B Endosulfa...	6.790	5.923	141.8E6	240.9E6	52.225	55.660
16)	A 4,4'-DDD	6.706	5.775	126.4E6	219.5E6	58.335	61.035m
17)	MA 4,4'-DDT	7.020	6.026	131.6E6	239.9E6	55.320	59.498
18)	B Endrin al...	6.920	6.103	107.6E6	184.9E6	50.973	54.950
19)	B Endosulfa...	7.155	6.325	127.7E6	233.2E6	52.509	57.250
20)	A Methoxychlor	7.496	6.601	68380798	127.1E6	57.123	59.914
21)	B Endrin ke...	7.640	6.829	142.2E6	269.5E6	53.781	56.468m
22)	Mirex	8.112	7.010	102.8E6	208.9E6	49.764	55.052

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
Data File : PL094947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2025 16:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

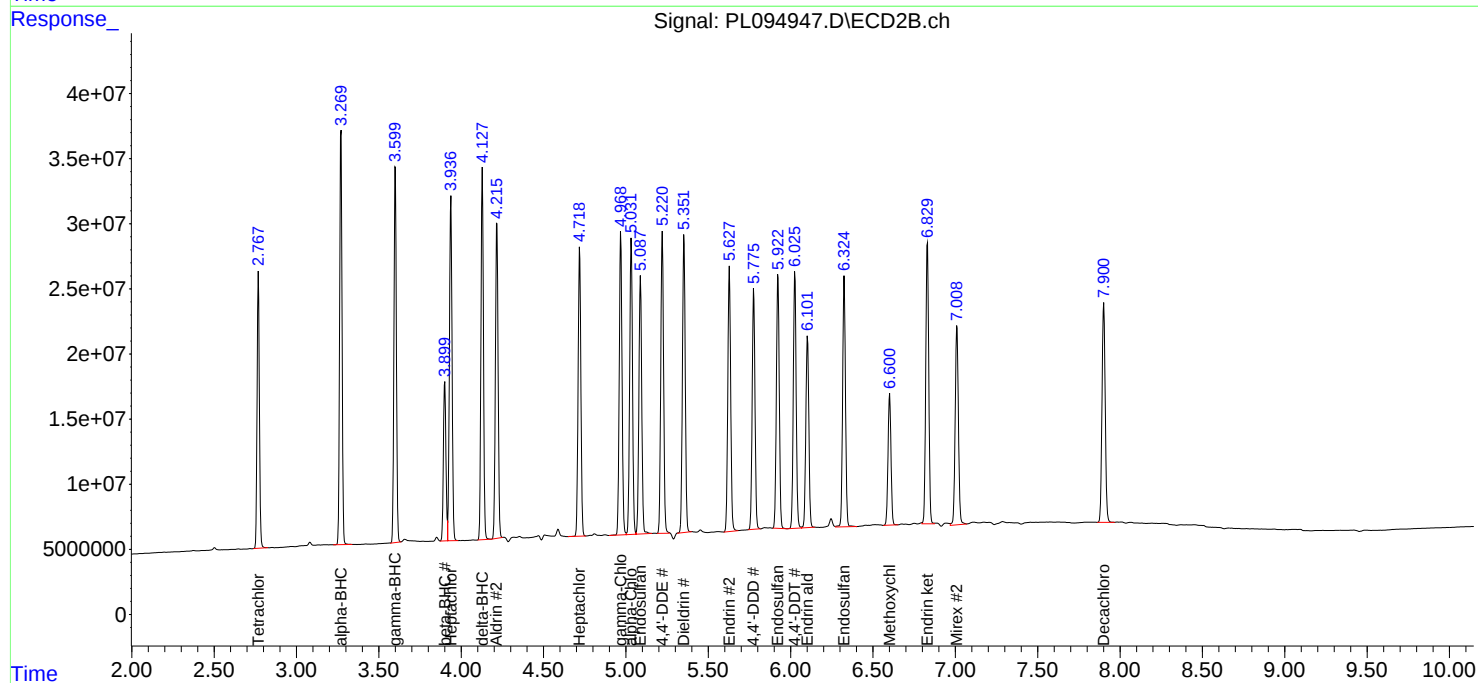
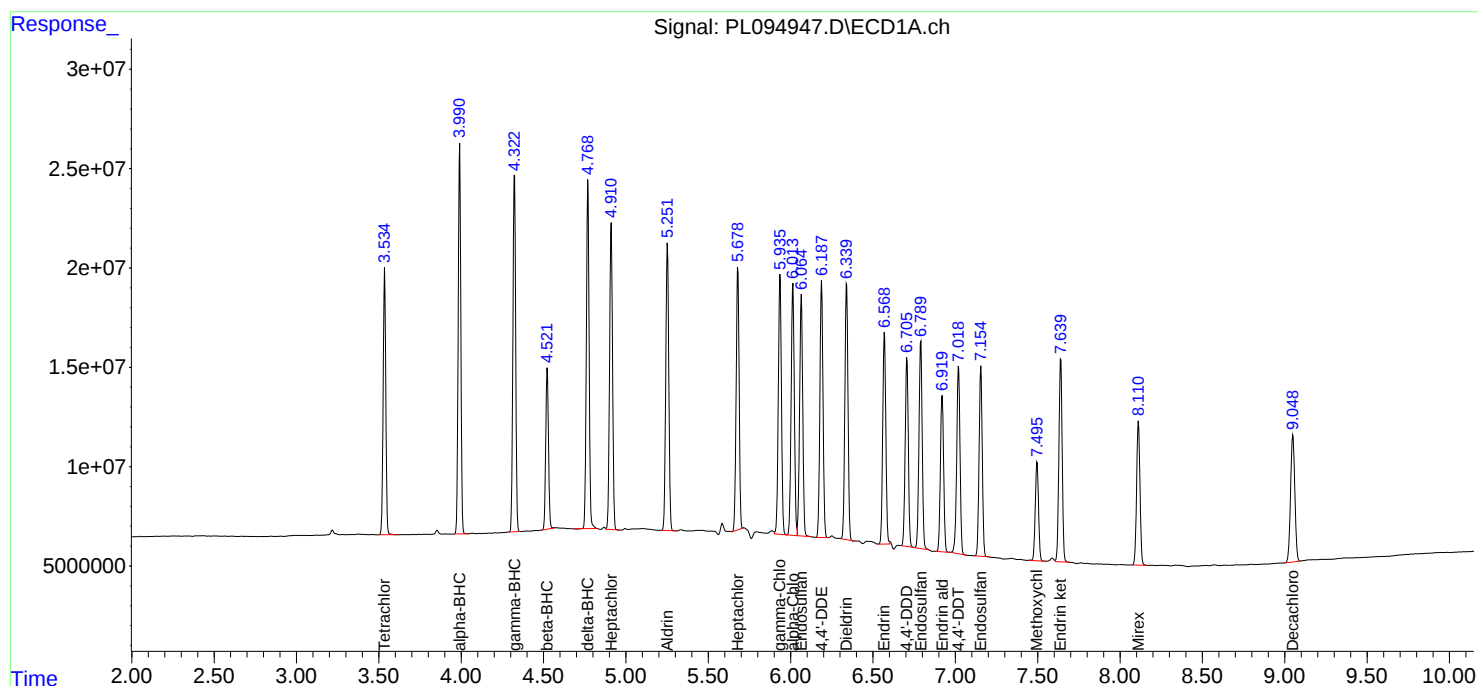
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

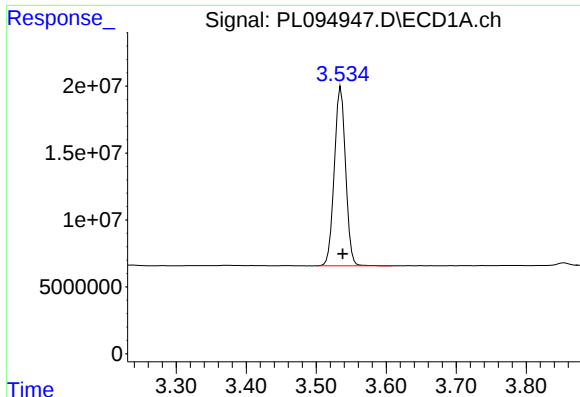
Manual Integrations
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Supervised By :mohammad ahmed 04/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 23:11:54 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





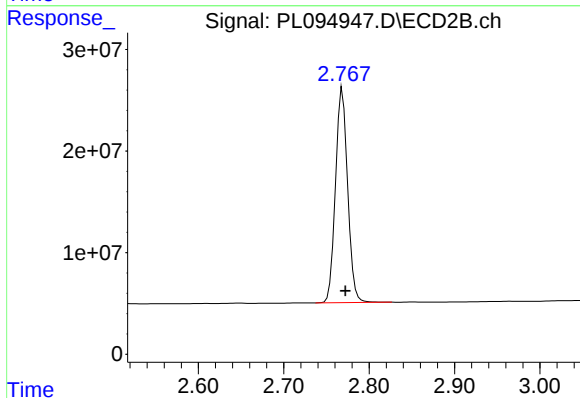
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 149555011
Conc: 52.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

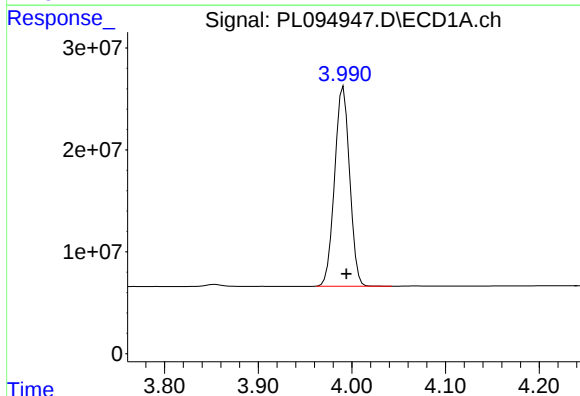
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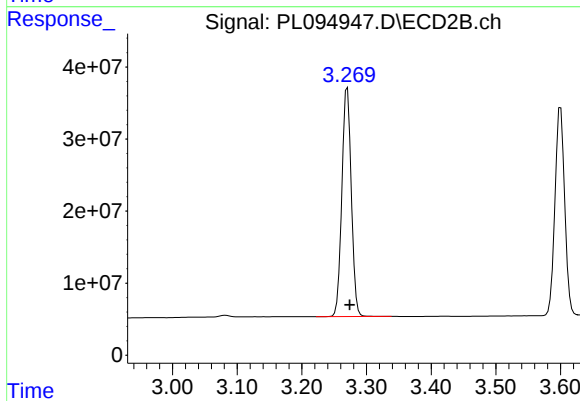
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 208891189
Conc: 58.52 ng/ml



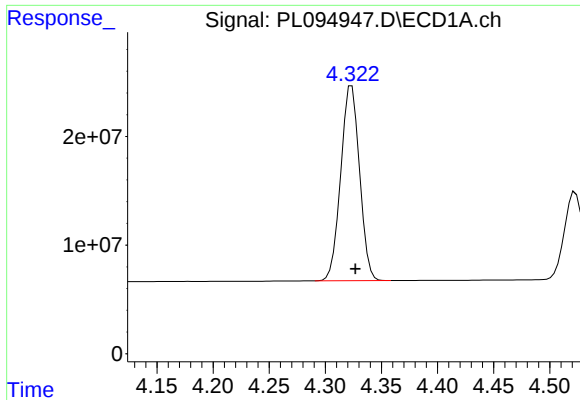
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 218735931
Conc: 52.68 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 321471869
Conc: 59.63 ng/ml



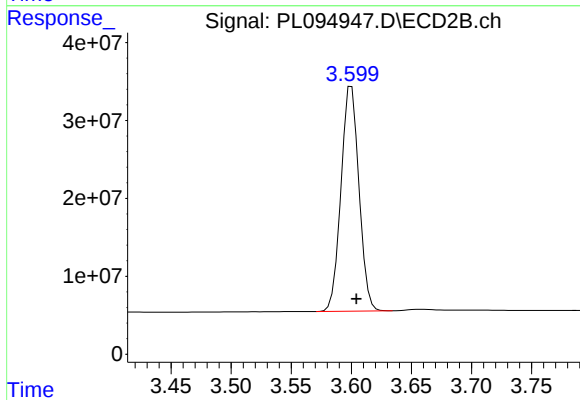
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 209202688
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

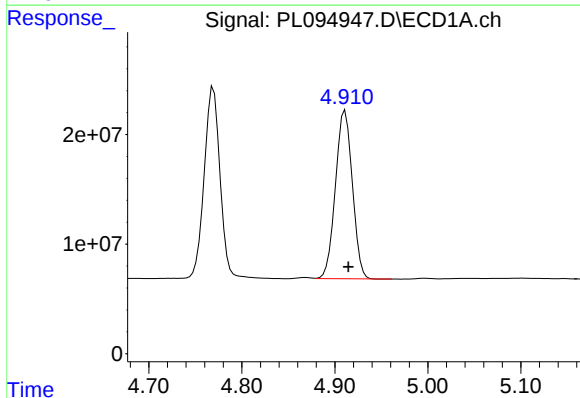
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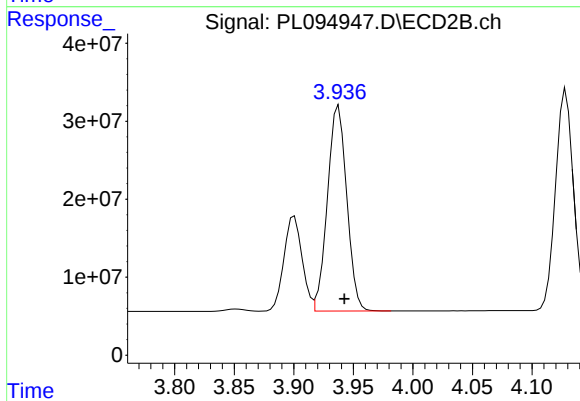
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 300855213
Conc: 58.54 ng/ml m



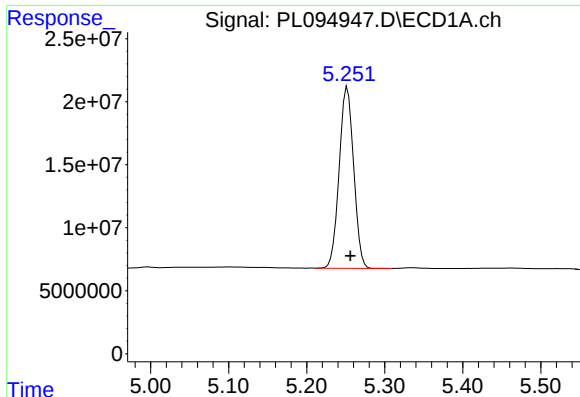
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 194346649
Conc: 50.07 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 297677154
Conc: 56.50 ng/ml



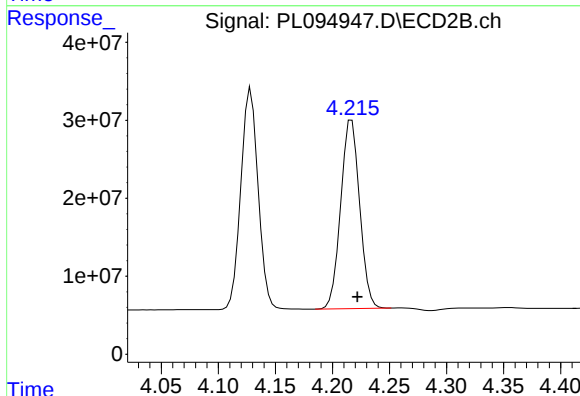
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 185244094
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

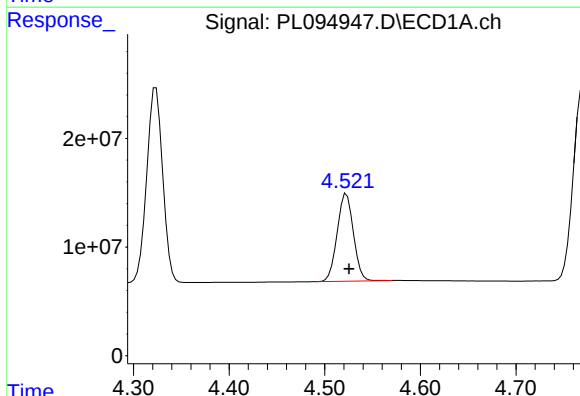
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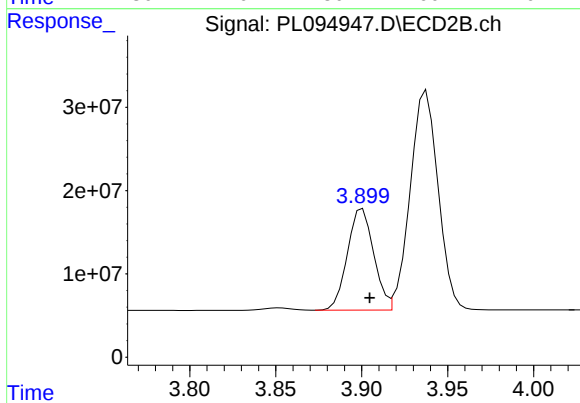
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 279579639
Conc: 57.33 ng/ml



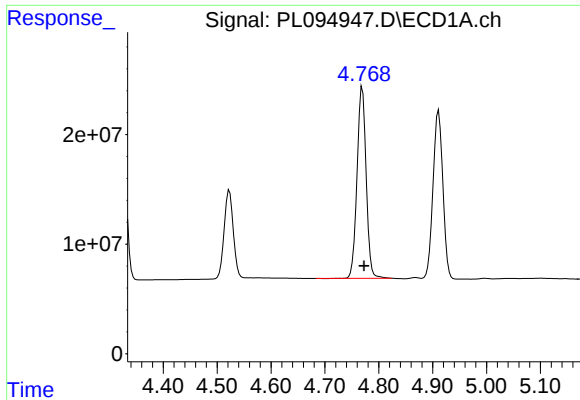
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 95194838
Conc: 51.59 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 129723613
Conc: 58.40 ng/ml



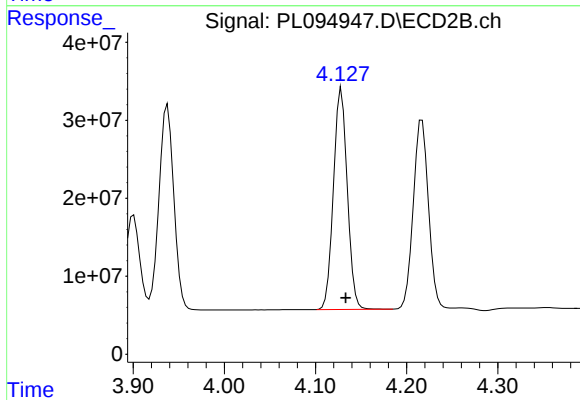
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 205583244
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

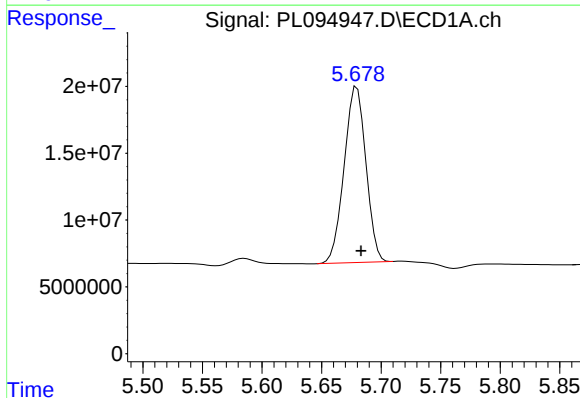
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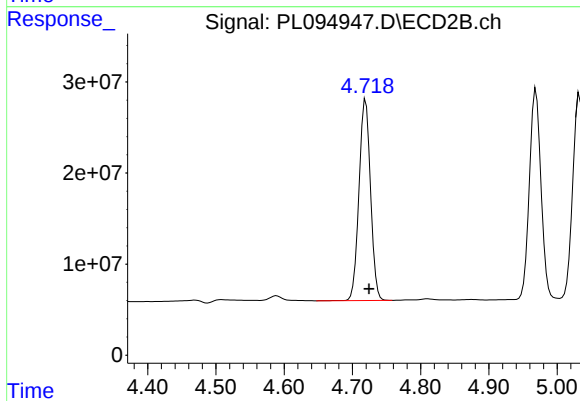
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 299257271
Conc: 59.83 ng/ml



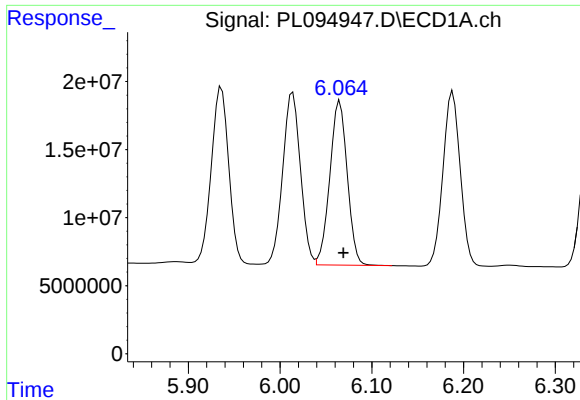
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 167328499
Conc: 50.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 258757937
Conc: 56.51 ng/ml



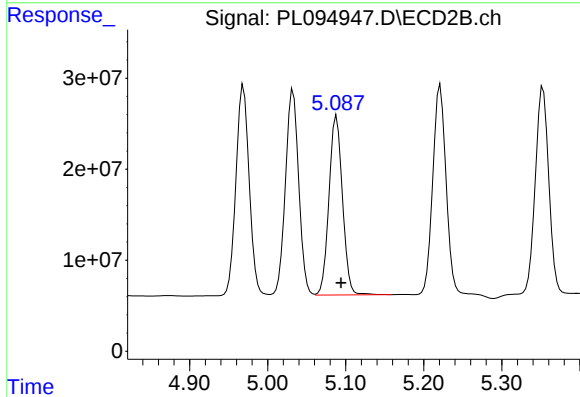
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 159551063
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

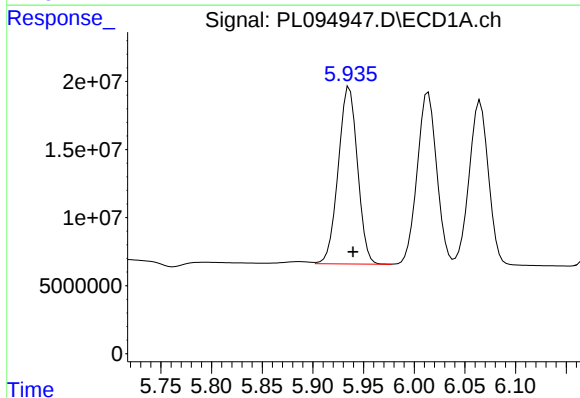
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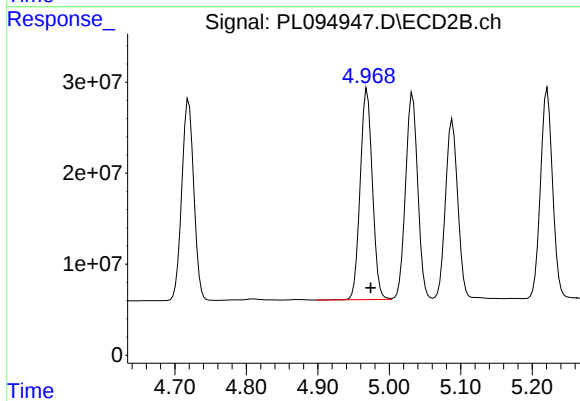
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 236523302
Conc: 53.89 ng/ml



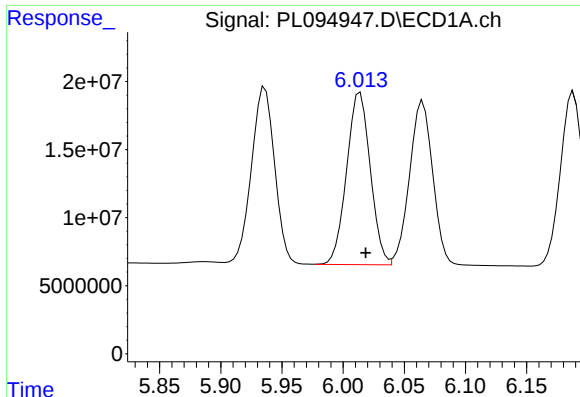
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 171992222
Conc: 51.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 273405205
Conc: 56.62 ng/ml



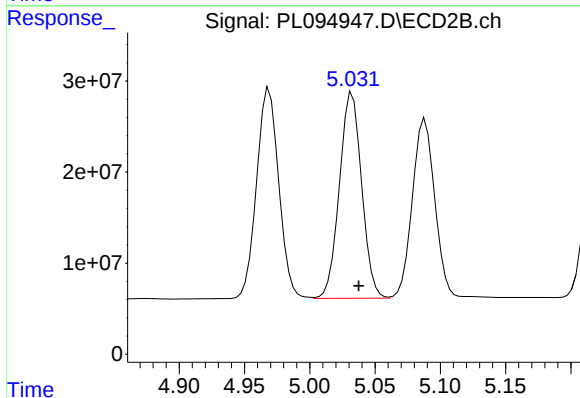
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 170261305
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

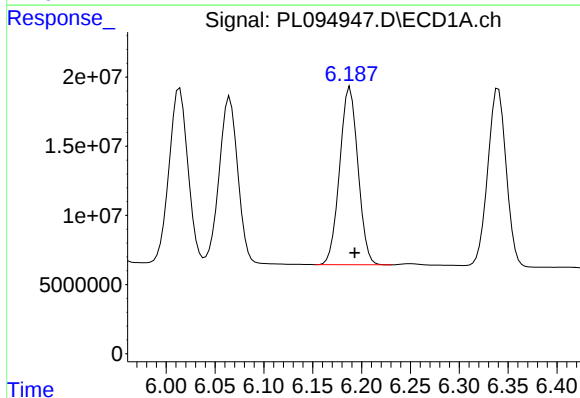
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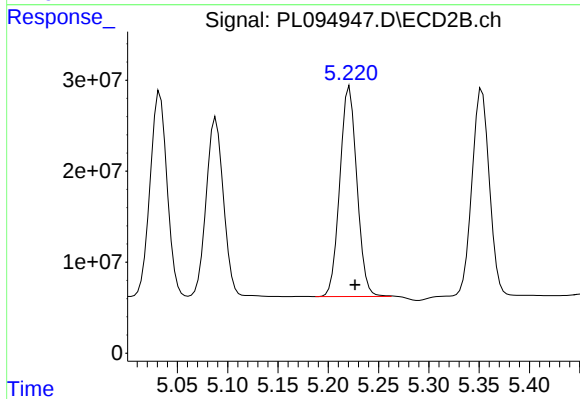
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 267785889
Conc: 56.11 ng/ml



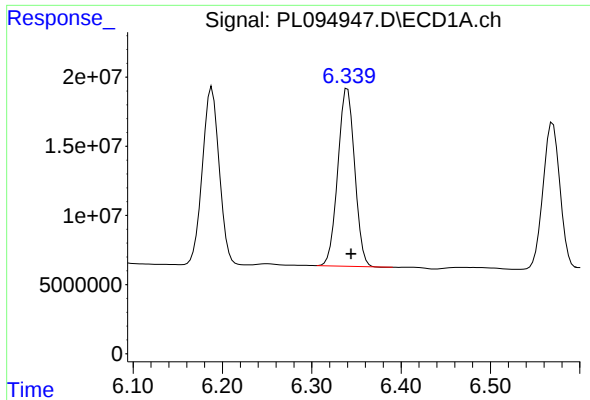
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 167718764
Conc: 57.01 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 272483847
Conc: 58.62 ng/ml m



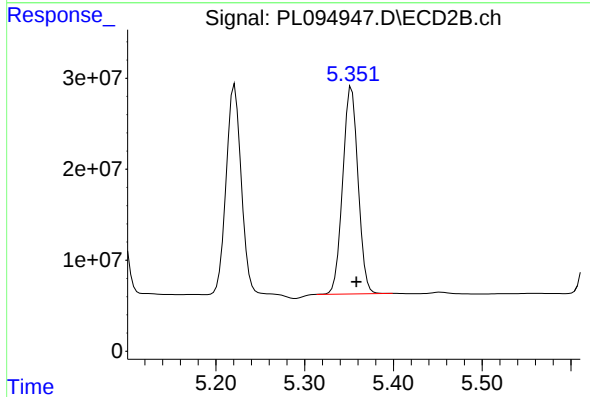
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 167666671
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

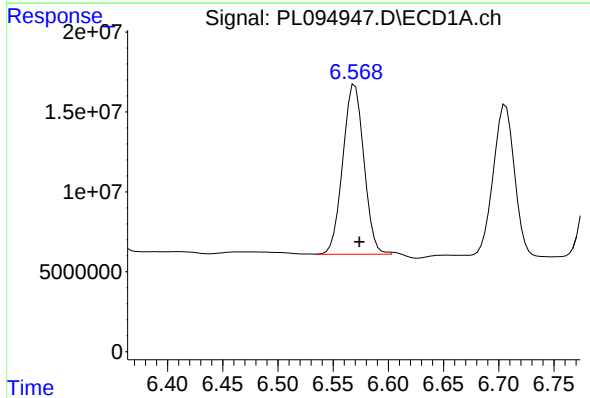
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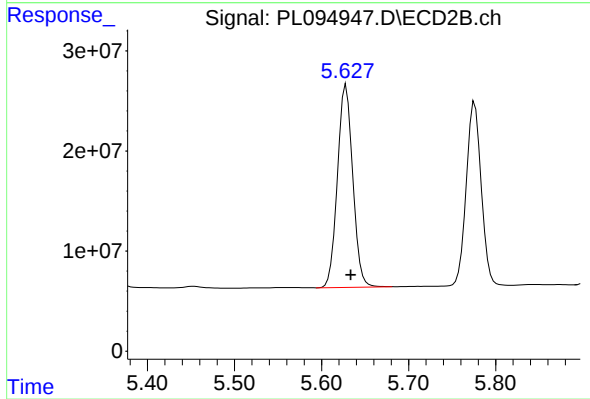
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 273656043
Conc: 56.40 ng/ml m



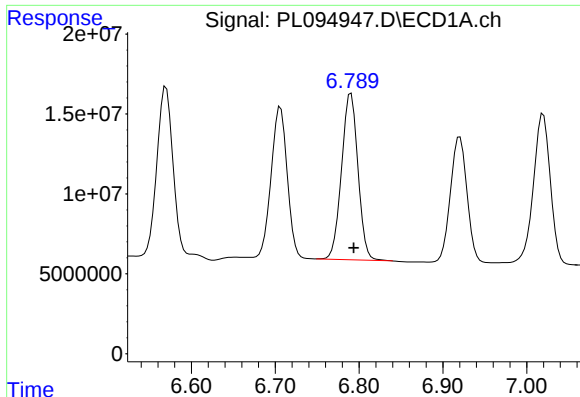
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 141014867
Conc: 50.87 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 248182045
Conc: 56.87 ng/ml m



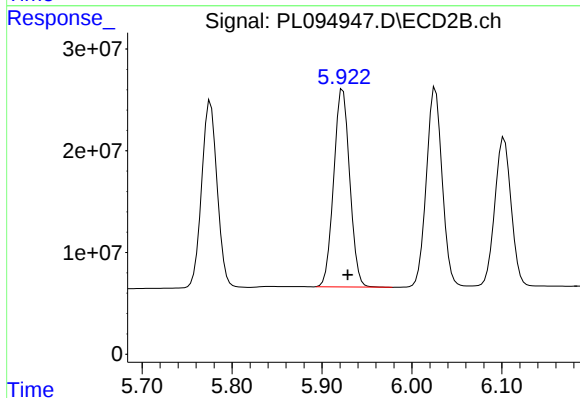
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.003 min
Response: 141777658
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

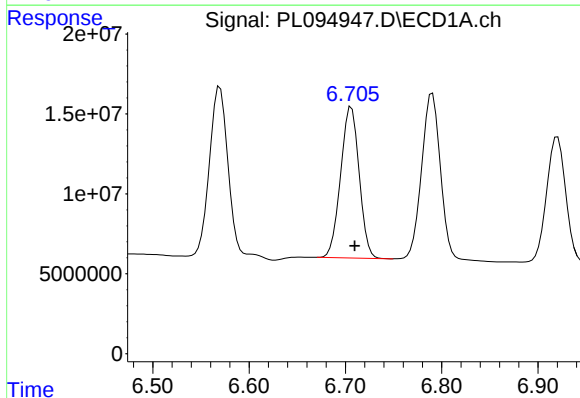
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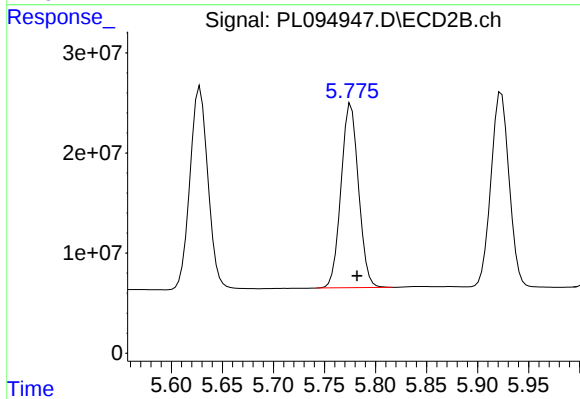
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 240908959
Conc: 55.66 ng/ml



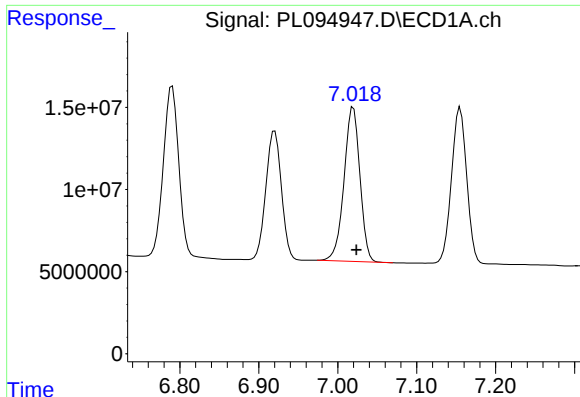
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 126357651
Conc: 58.34 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 219476910
Conc: 61.04 ng/ml m



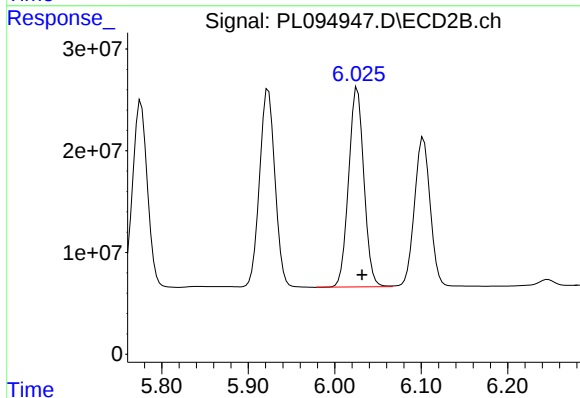
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 131581968
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

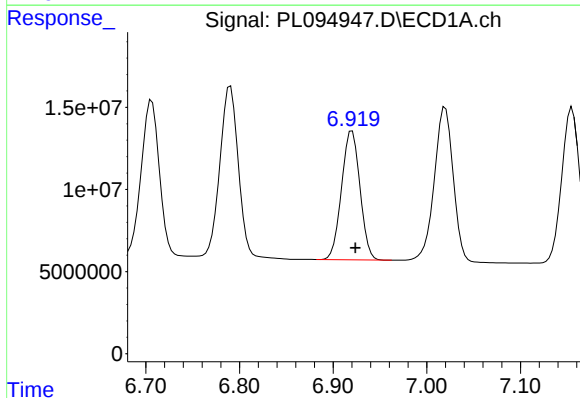
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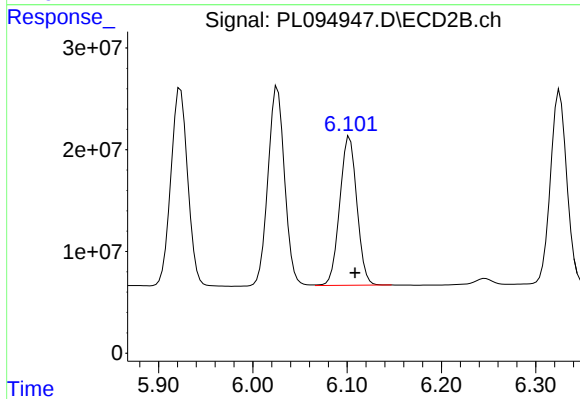
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 239901694
Conc: 59.50 ng/ml



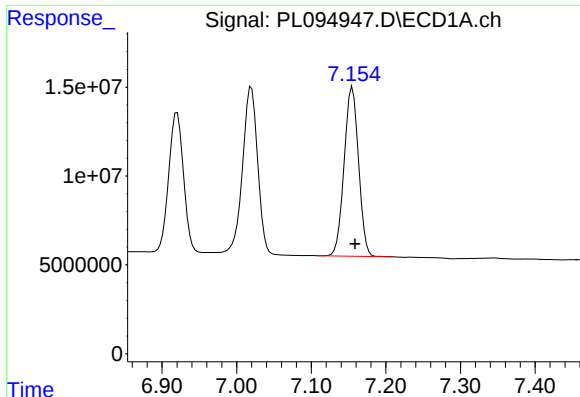
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 107602588
Conc: 50.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 184926537
Conc: 54.95 ng/ml



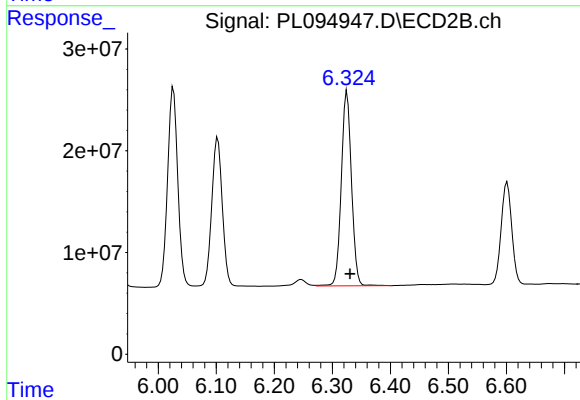
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 127701733
Conc: 52.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

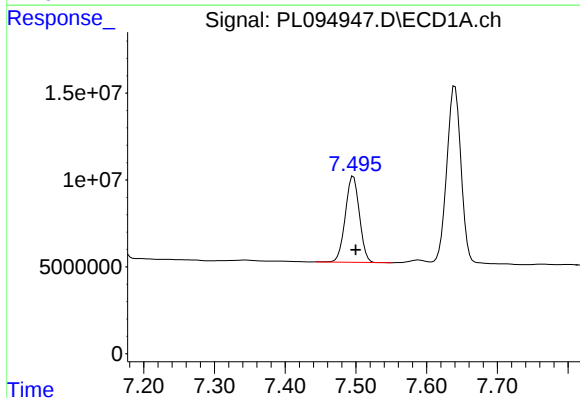
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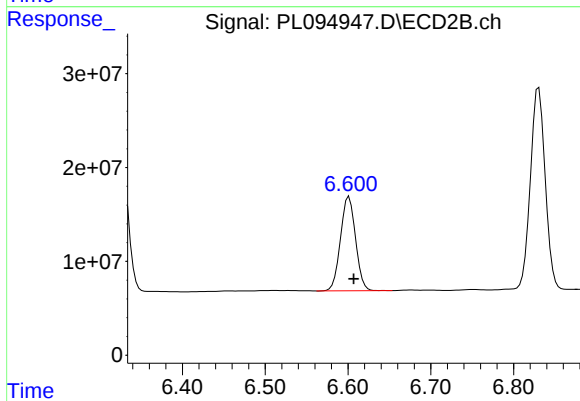
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 233203344
Conc: 57.25 ng/ml



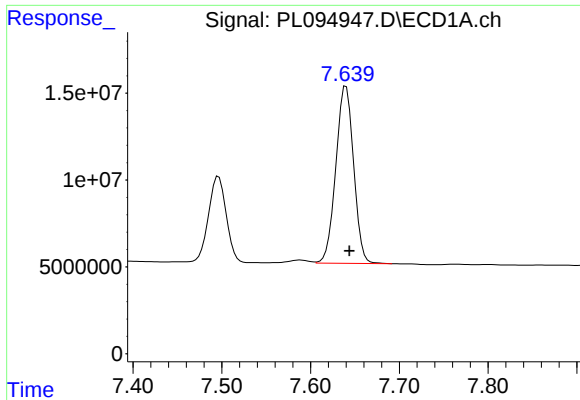
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 68380798
Conc: 57.12 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 127081396
Conc: 59.91 ng/ml



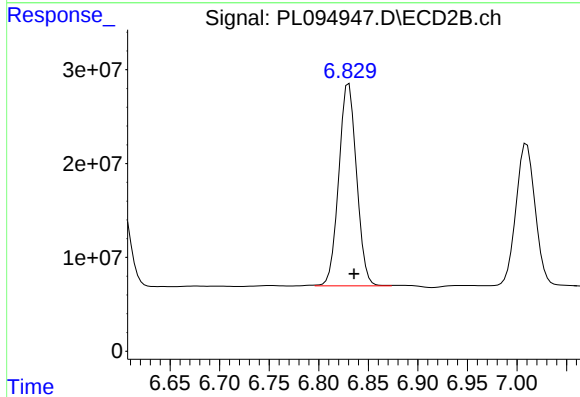
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 142158285
Conc: 53.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

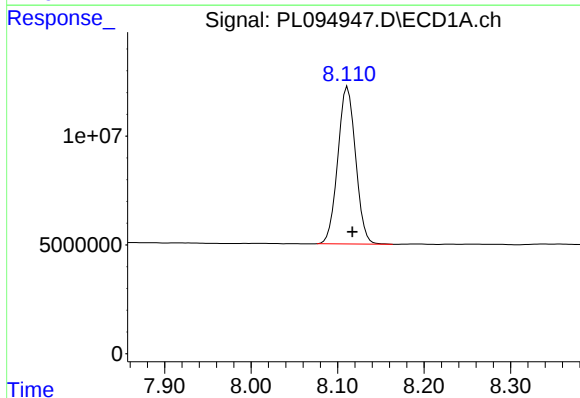
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



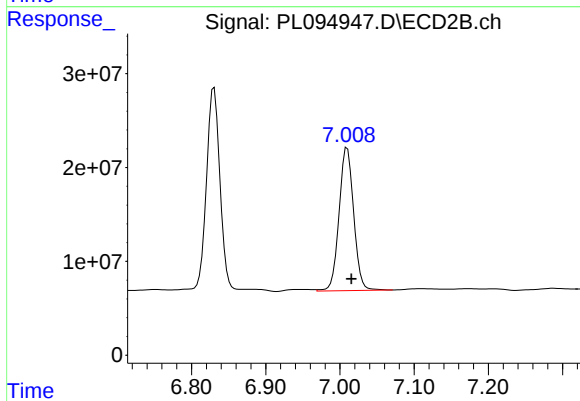
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 269496964
Conc: 56.47 ng/ml m



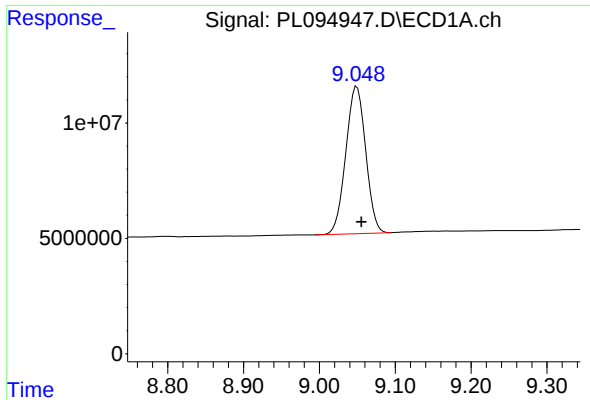
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 102825604
Conc: 49.76 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 208939611
Conc: 55.05 ng/ml



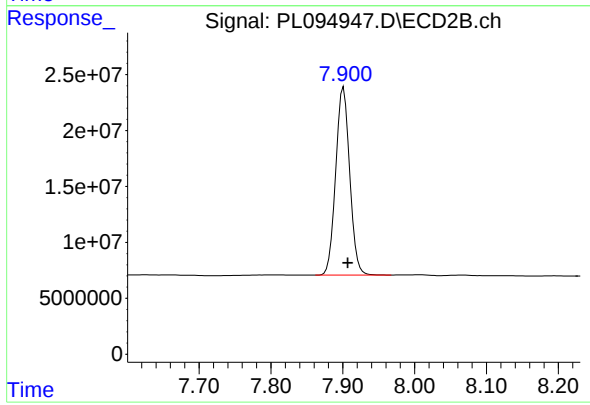
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 116033476
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2025
Supervised By :mohammad ahmed 04/01/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 226974356
Conc: 56.19 ng/ml