

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
 Data File : PL094935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2025 14:05
 Operator : AR\AJ
 Sample : Q1664-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-BBDGA-001-01MS

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 23:15:31 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	44494935	57167997	15.719	16.017
28) SA Decachlor...	9.048	7.900	34744174	62860872	16.486	15.562
Target Compounds						
2) A alpha-BHC	3.991	3.269	167.7E6	247.8E6	40.387	45.967m
3) MA gamma-BHC...	4.324	3.599	161.6E6	227.5E6	40.489	44.269m
4) MA Heptachlor	4.911	3.938	154.3E6	228.1E6	39.756	43.289
5) MB Aldrin	5.252	4.217	146.3E6	211.5E6	39.622	43.381
6) B beta-BHC	4.523	3.900	74415110	99541909	40.329	44.813
7) B delta-BHC	4.769	4.129	162.5E6	220.1E6	41.728	44.000
8) B Heptachlo...	5.679	4.719	130.8E6	198.7E6	39.095	43.406
9) A Endosulfan I	6.064	5.089	128.8E6	191.0E6	41.943	43.525
10) B gamma-Chl...	5.935	4.969	137.0E6	210.3E6	40.673	43.557
11) B alpha-Chl...	6.014	5.033	136.5E6	206.4E6	41.399	43.245
12) B 4,4'-DDE	6.188	5.221	133.8E6	212.5E6	45.479	45.710
13) MA Dieldrin	6.339	5.353	135.0E6	213.9E6	42.219	44.076
14) MA Endrin	6.568	5.628	116.3E6	197.0E6	41.960m	45.148
15) B Endosulfa...	6.790	5.923	116.6E6	186.4E6	42.956	43.055
16) A 4,4'-DDD	6.705	5.776	104.3E6	167.3E6	48.153	46.516
17) MA 4,4'-DDT	7.020	6.025	107.9E6	185.2E6	45.371	45.923
18) B Endrin al...	6.920	6.102	89859479	145.1E6	42.567	43.108
19) B Endosulfa...	7.154	6.325	104.7E6	182.4E6	43.068	44.775
20) A Methoxychlor	7.496	6.599	56790187	100.7E6	47.441	47.459m
21) B Endrin ke...	7.639	6.828	117.6E6	210.3E6	44.489	44.057m
22) Mirex	8.111	7.009	83691493	160.4E6	40.503	42.262

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032825\
Data File : PL094935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2025 14:05
Operator : AR\AJ
Sample : Q1664-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

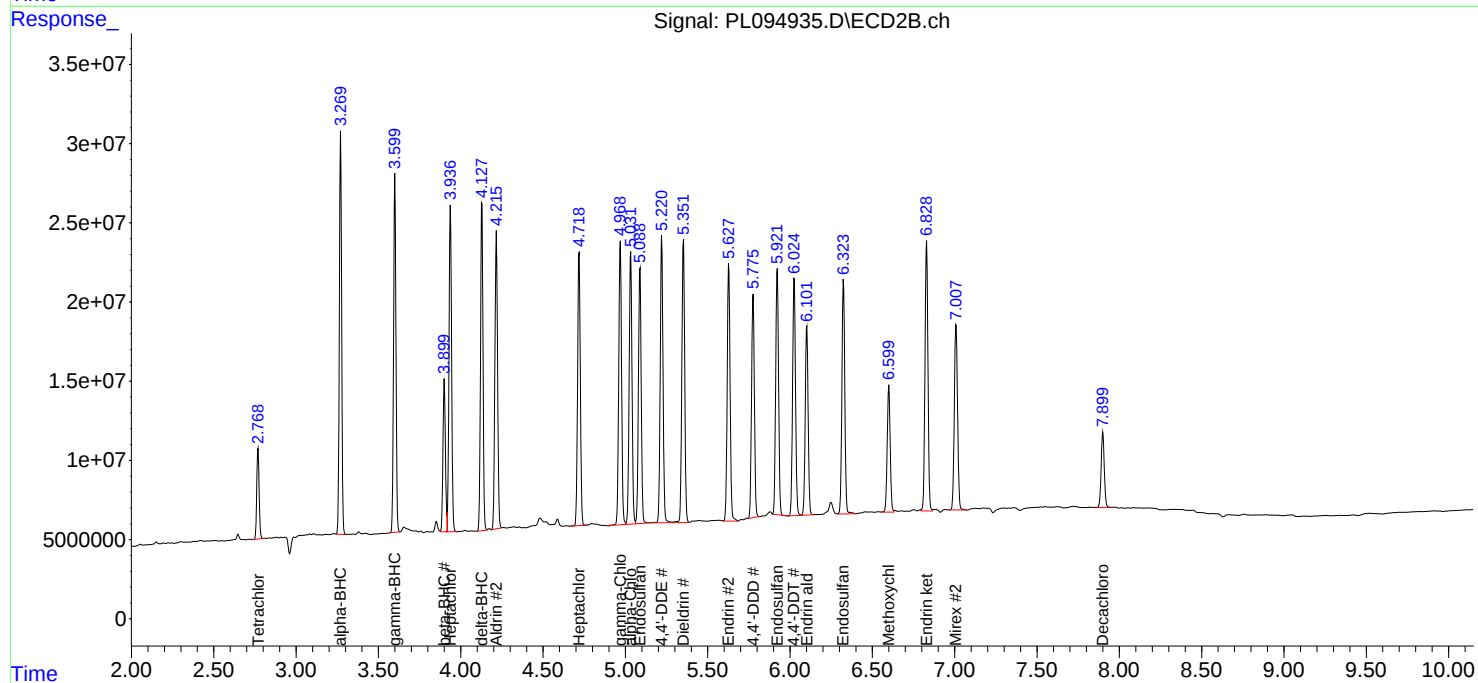
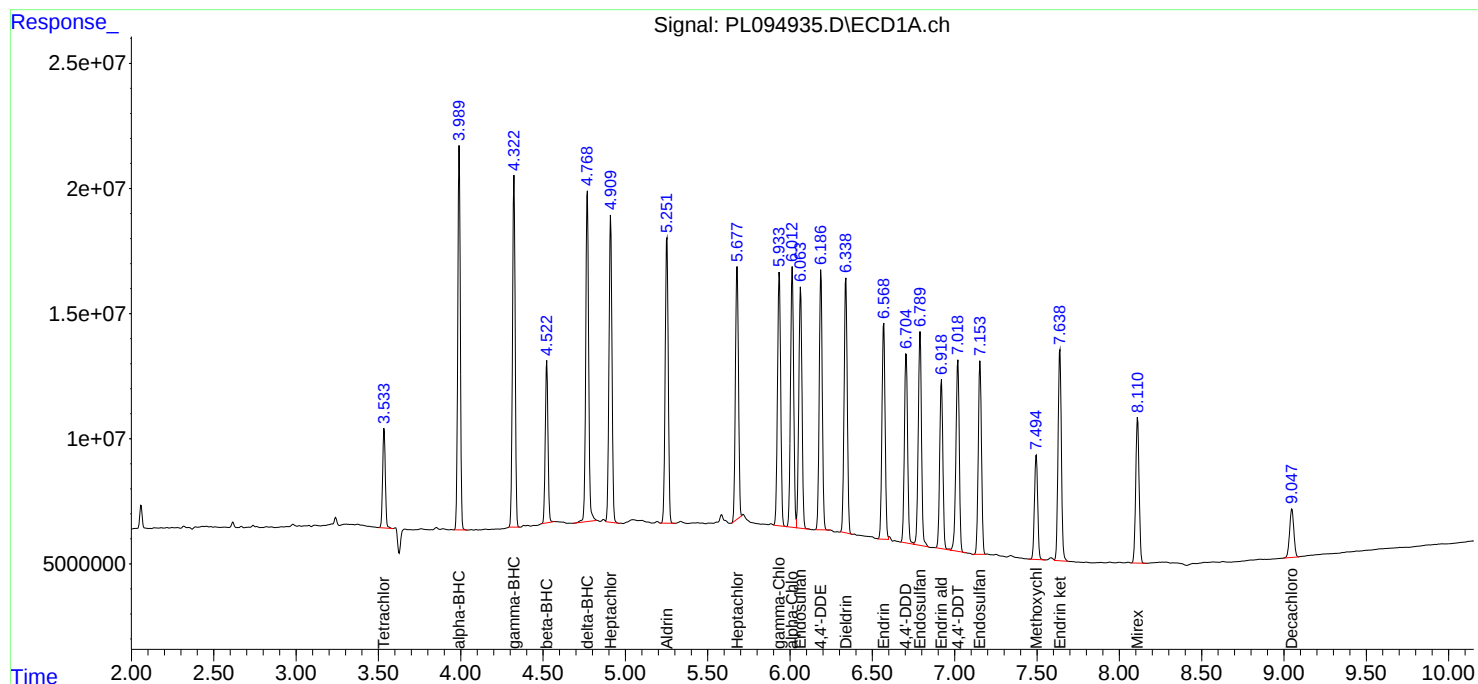
Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

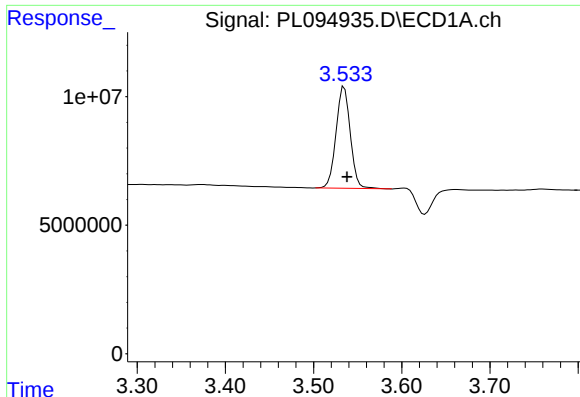
Manual Integrations
APPROVED

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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 23:15:31 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





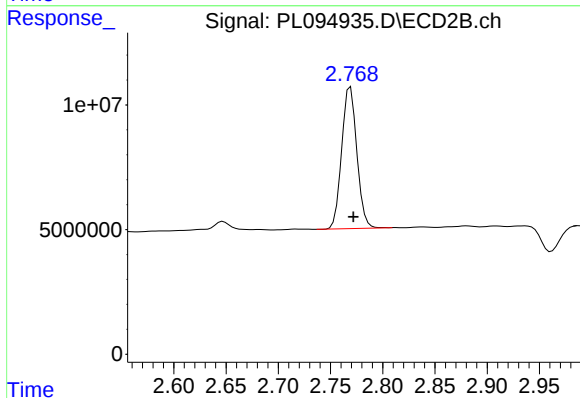
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 44494935
Conc: 15.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

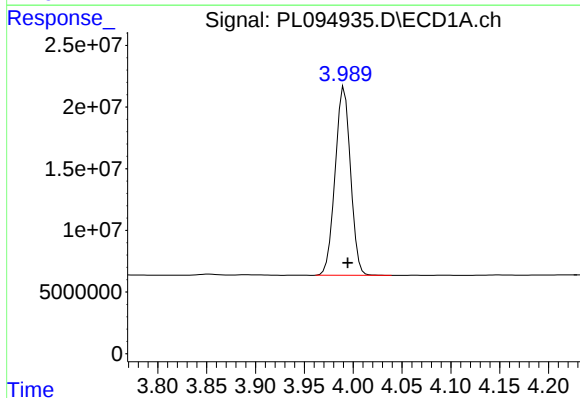
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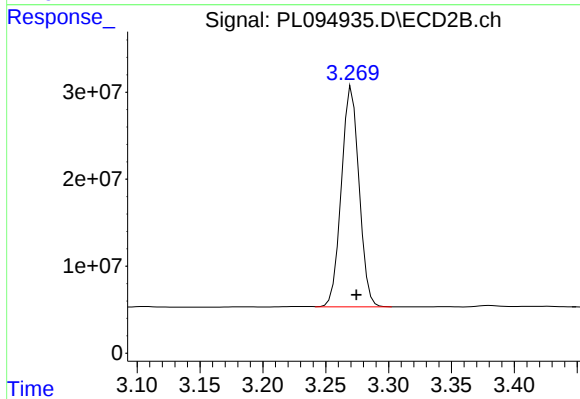
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 57167997
Conc: 16.02 ng/ml



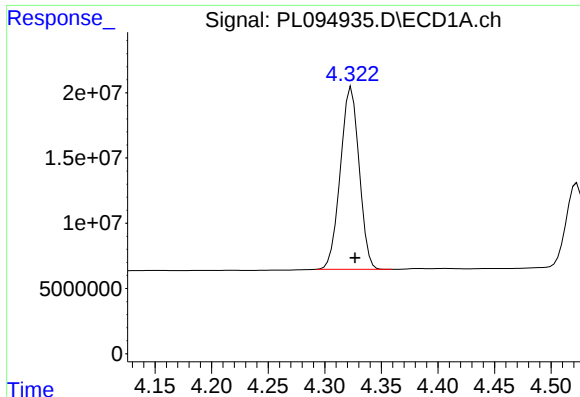
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 167701434
Conc: 40.39 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 247827848
Conc: 45.97 ng/ml m



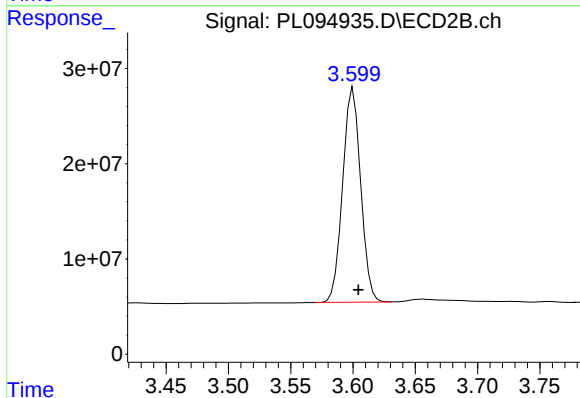
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 161560356
Conc: 40.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

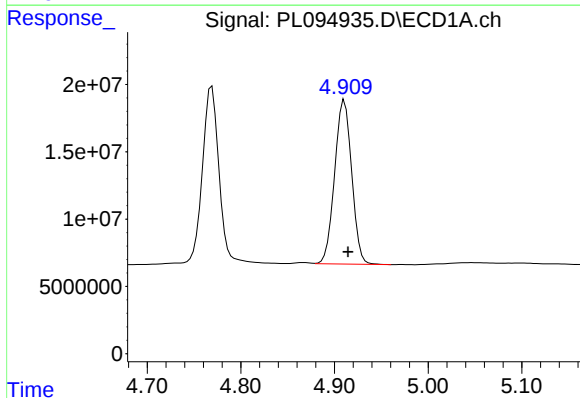
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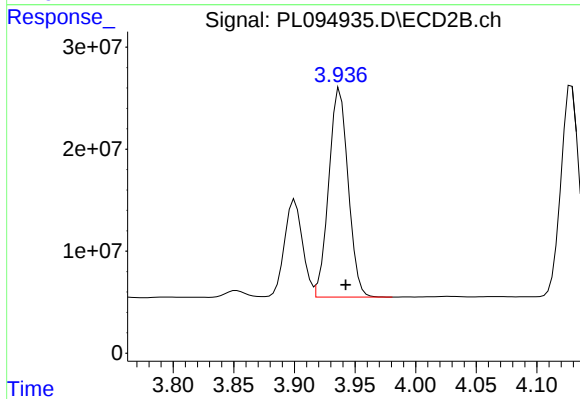
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 227517747
Conc: 44.27 ng/ml m



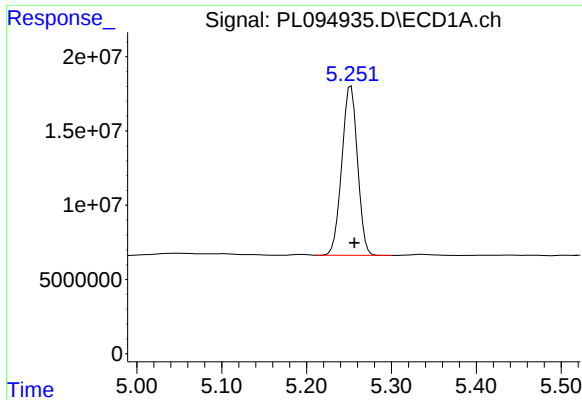
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 154317044
Conc: 39.76 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 228073884
Conc: 43.29 ng/ml



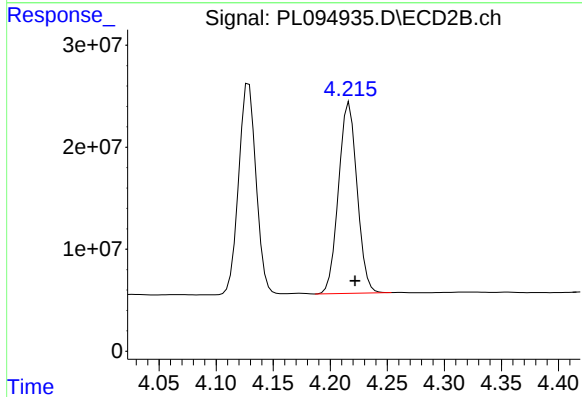
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 146293049
Conc: 39.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

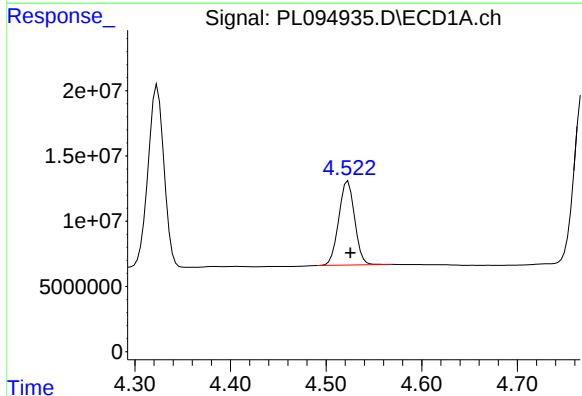
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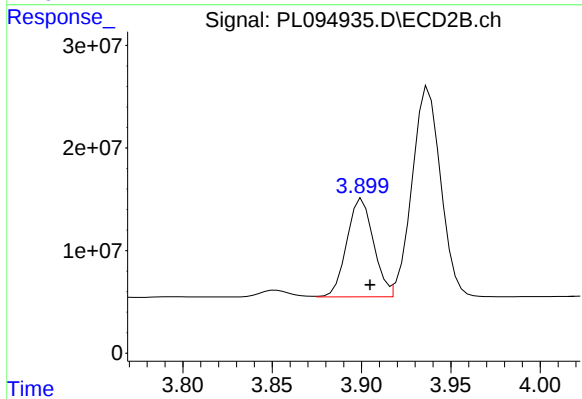
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 211540995
Conc: 43.38 ng/ml



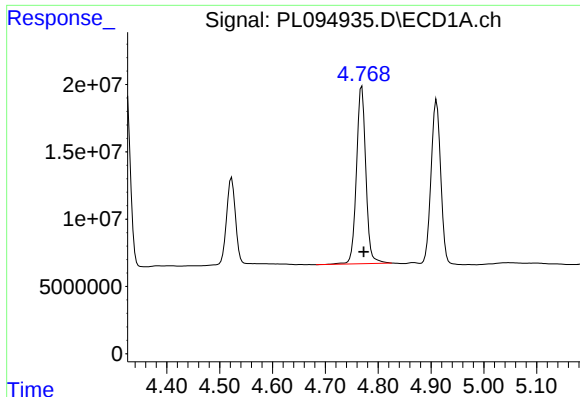
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 74415110
Conc: 40.33 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 99541909
Conc: 44.81 ng/ml



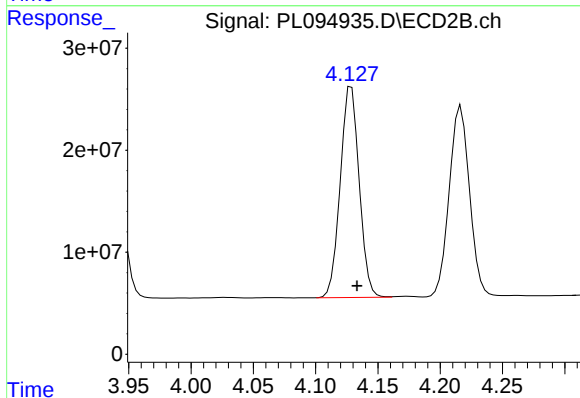
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 162499829
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

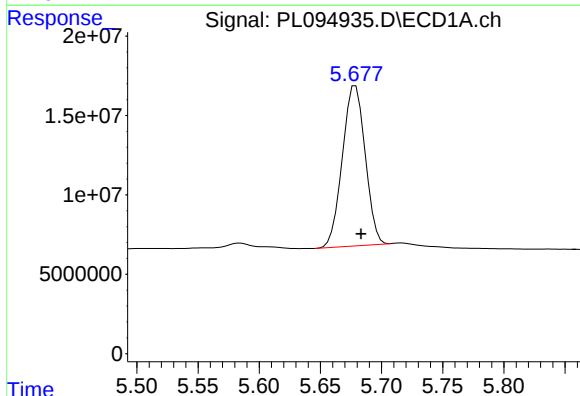
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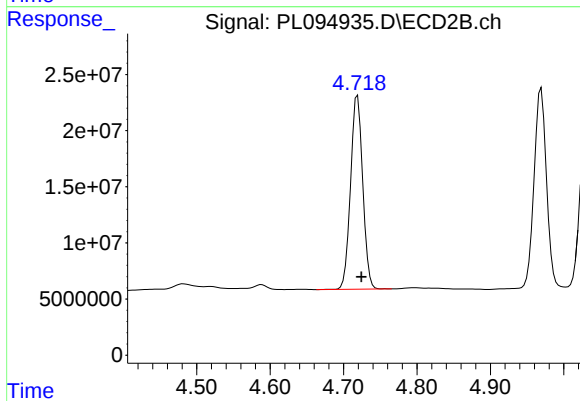
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 220087977
Conc: 44.00 ng/ml



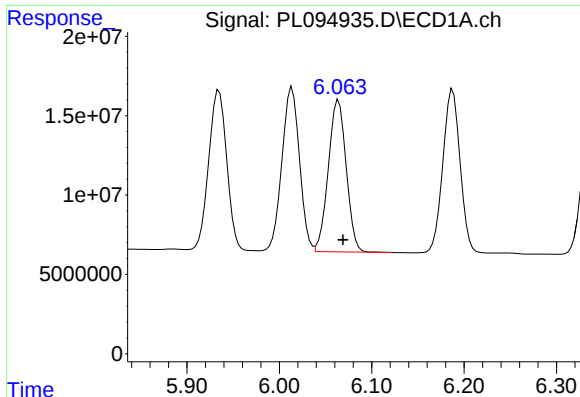
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 130782031
Conc: 39.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 198737958
Conc: 43.41 ng/ml



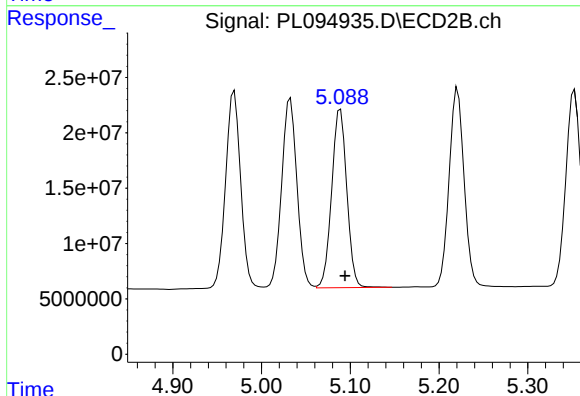
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 128774783
Conc: 41.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

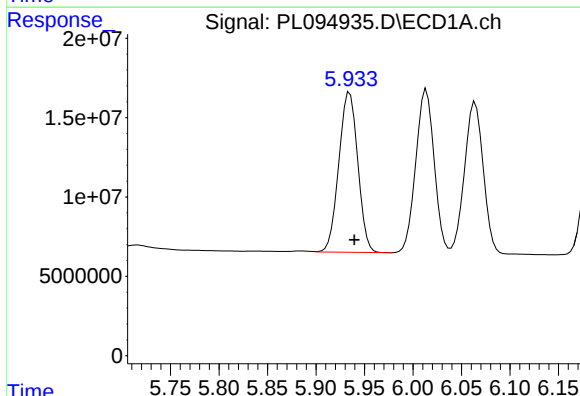
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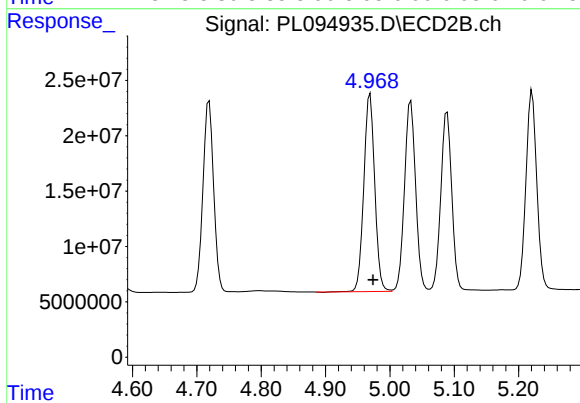
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 191018443
Conc: 43.52 ng/ml



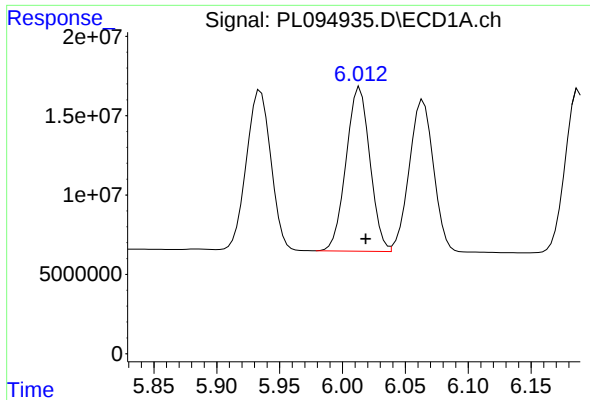
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 137042031
Conc: 40.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 210309794
Conc: 43.56 ng/ml



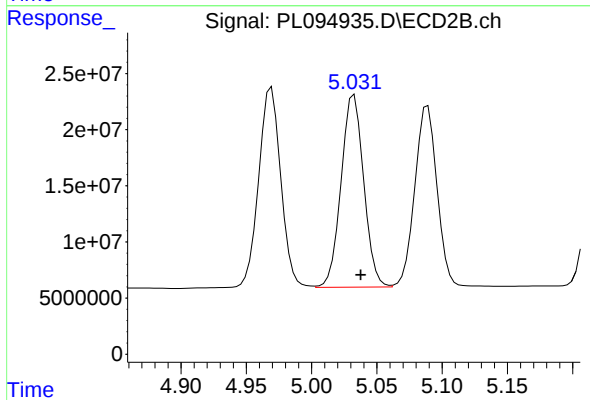
#11 alpha-Chlordane

R.T.: 6.014 min
Delta R.T.: -0.005 min
Response: 136487092
Conc: 41.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

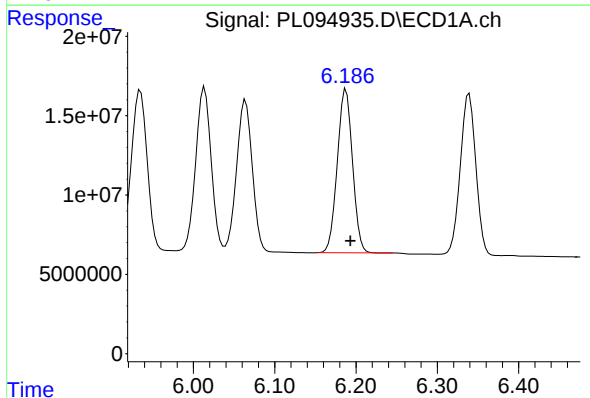
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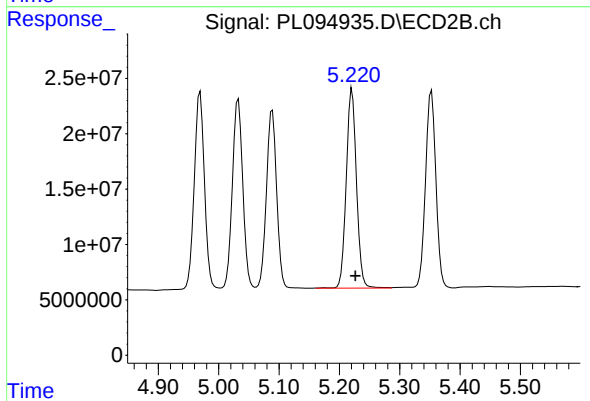
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 206398983
Conc: 43.25 ng/ml



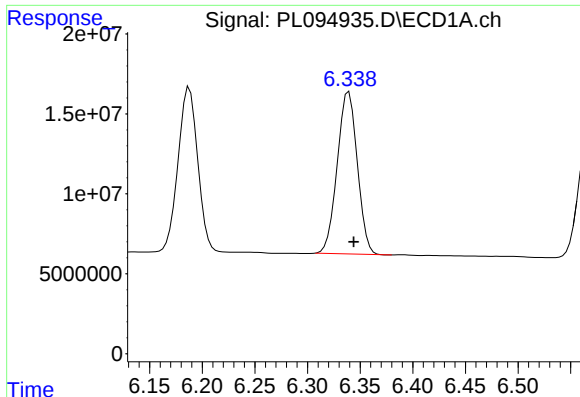
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 133802628
Conc: 45.48 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 212483640
Conc: 45.71 ng/ml



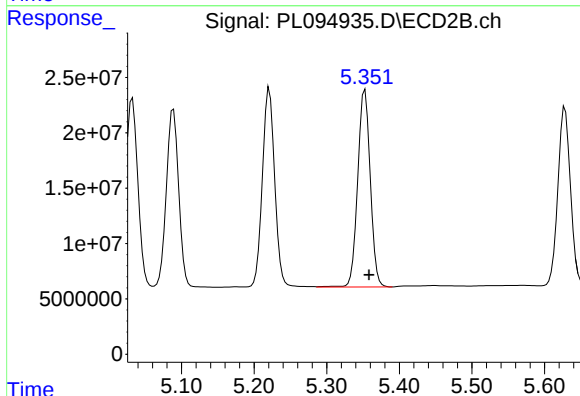
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 135022930
Conc: 42.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

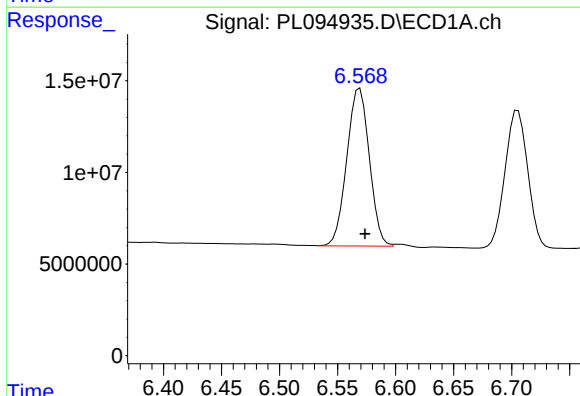
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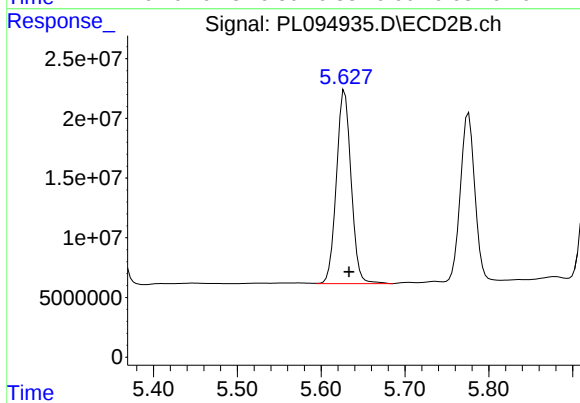
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 213850758
Conc: 44.08 ng/ml



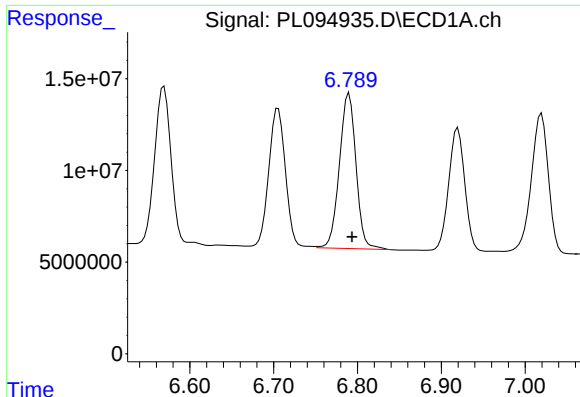
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 116316961
Conc: 41.96 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 197010193
Conc: 45.15 ng/ml



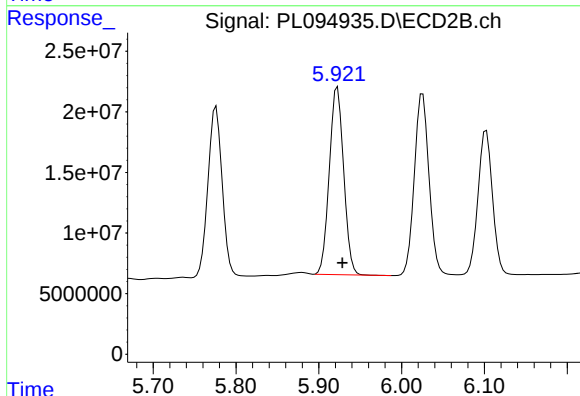
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 116613931
Conc: 42.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

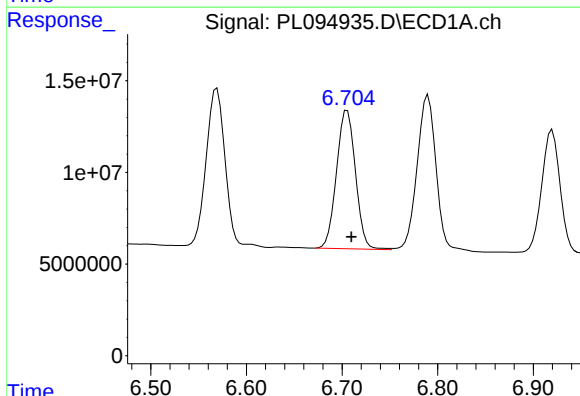
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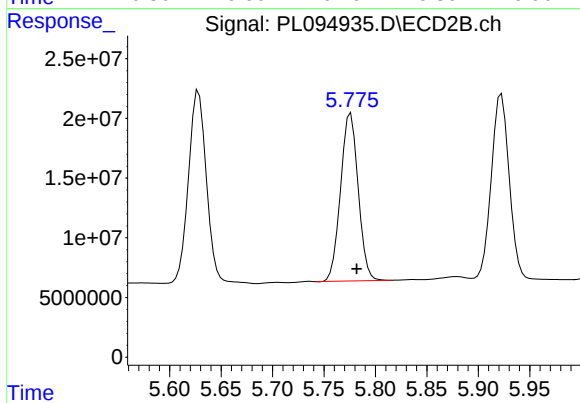
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 186353598
Conc: 43.06 ng/ml



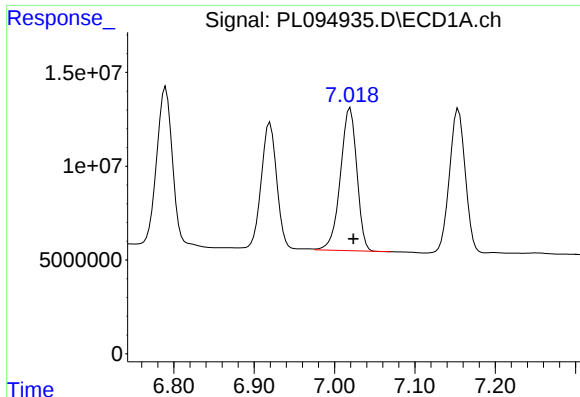
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 104302625
Conc: 48.15 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 167265582
Conc: 46.52 ng/ml



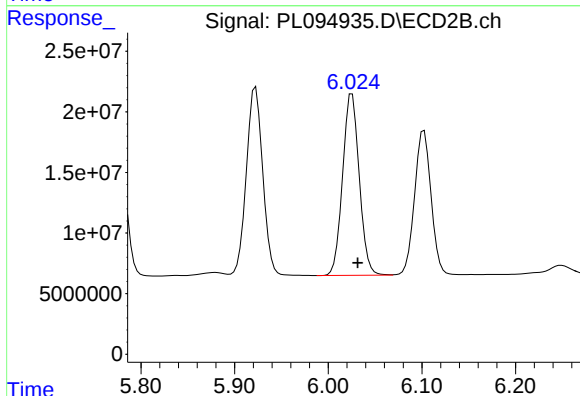
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 107915948
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

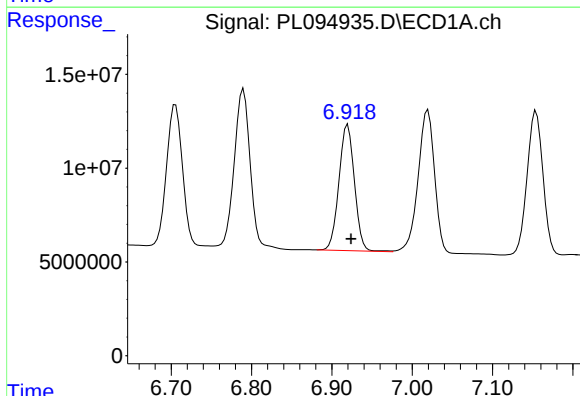
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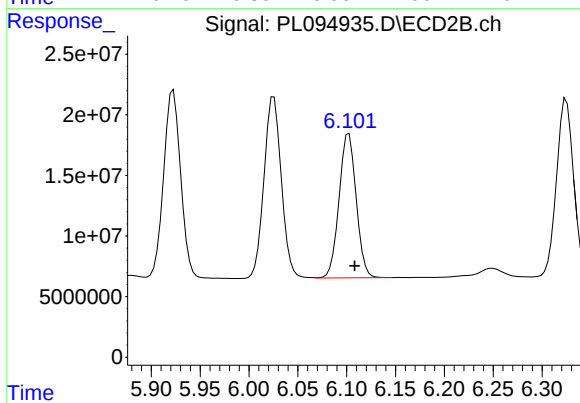
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.006 min
Response: 185165676
Conc: 45.92 ng/ml



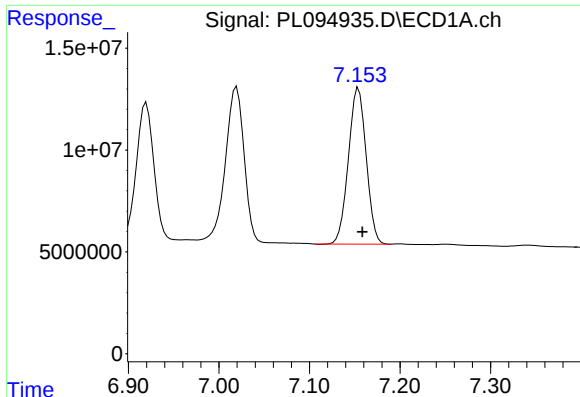
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 89859479
Conc: 42.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 145075927
Conc: 43.11 ng/ml



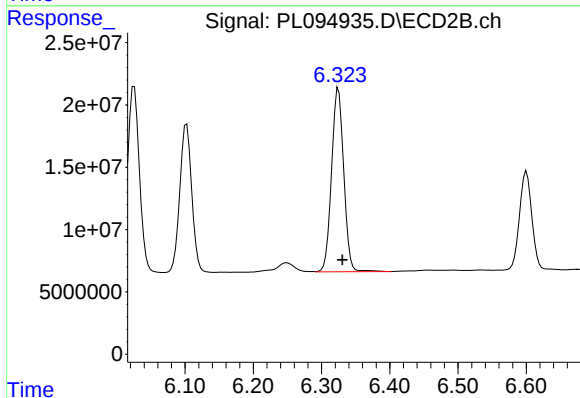
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 104743094
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

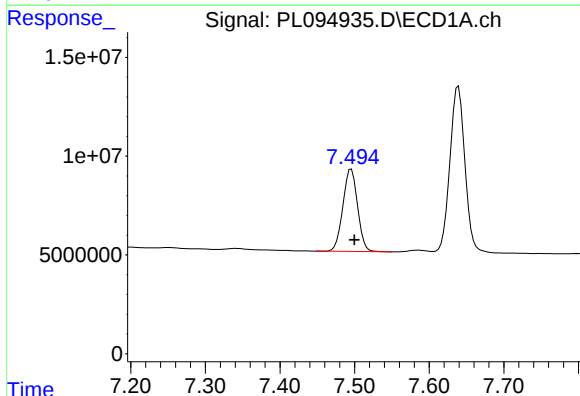
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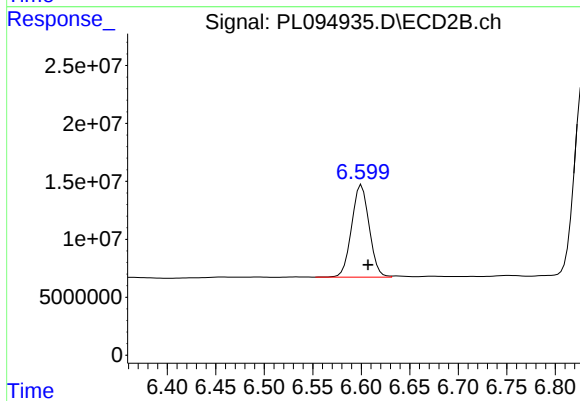
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 182389843
Conc: 44.78 ng/ml



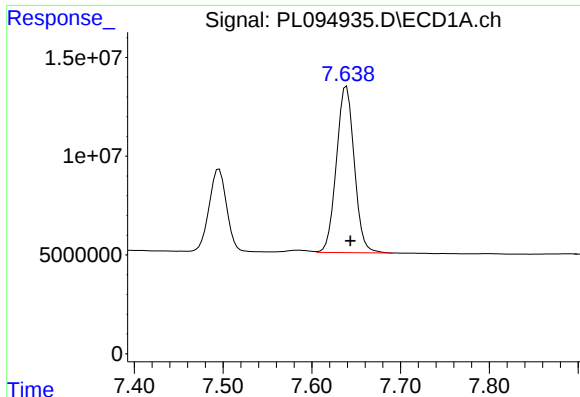
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 56790187
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 100663203
Conc: 47.46 ng/ml m



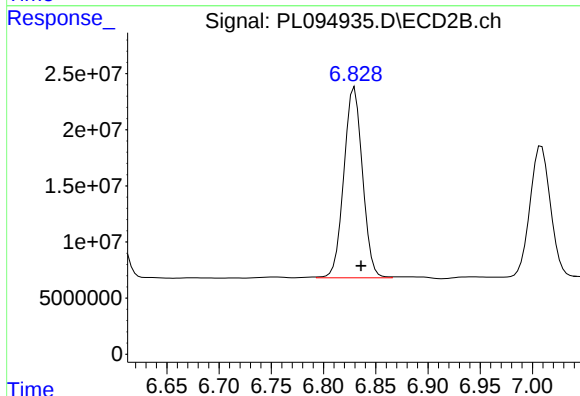
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 117595280
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

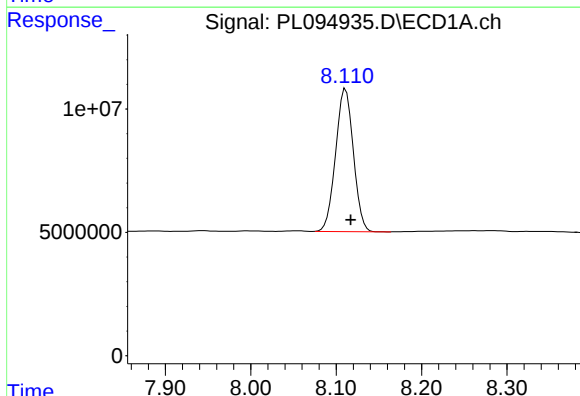
Manual Integrations
APPROVED

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



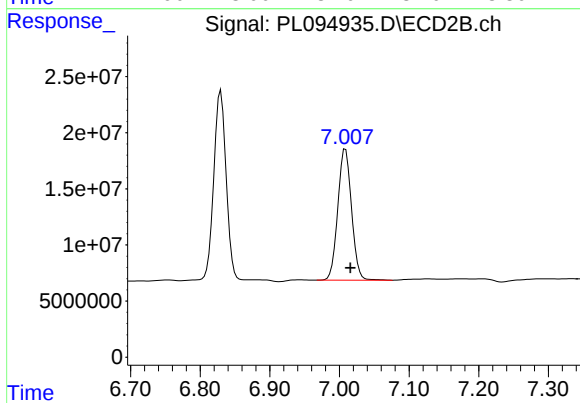
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 210267112
Conc: 44.06 ng/ml m



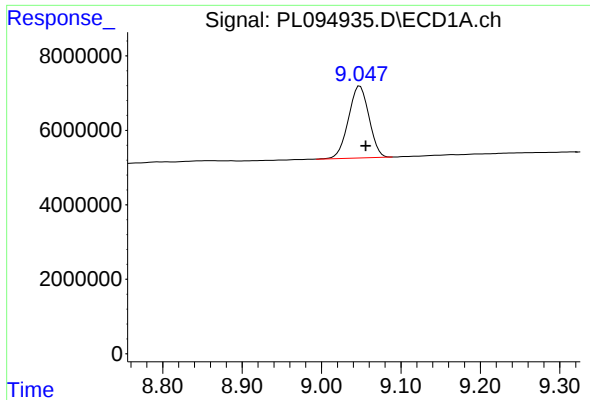
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 83691493
Conc: 40.50 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 160395854
Conc: 42.26 ng/ml



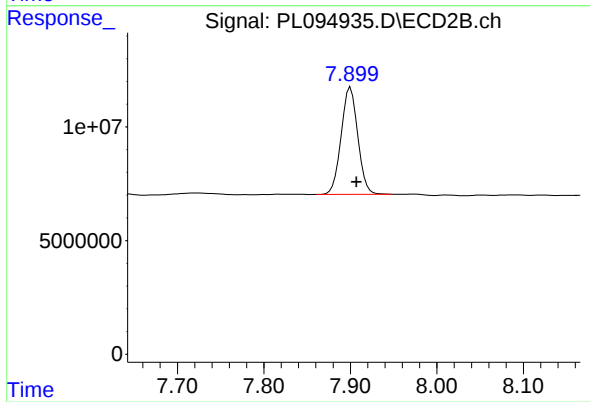
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.007 min
Response: 34744174
Conc: 16.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 62860872
Conc: 15.56 ng/ml