

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
 Data File : PL095193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Apr 2025 13:29
 Operator : AR\AJ
 Sample : Q1779-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-22MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/14/2025
 Supervised By : mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 12 00:11:07 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...	3.532	2.767	50029371	65569797	17.674m	18.371
28) SA Decachlor...	9.047	7.896	36373148	62594508	17.259	15.496
Target Compounds						
2) A alpha-BHC	3.990	3.267	163.6E6	240.6E6	39.407	44.621m
3) MA gamma-BHC...	4.322	3.598	157.5E6	224.9E6	39.478	43.760
4) MA Heptachlor	4.910	3.935	150.2E6	220.1E6	38.694	41.770
5) MB Aldrin	5.251	4.214	143.7E6	202.6E6	38.910	41.539
6) B beta-BHC	4.521	3.898	71054949	96754580	38.508	43.558
7) B delta-BHC	4.768	4.127	154.7E6	199.0E6	39.725	39.780
8) B Heptachlo...	5.677	4.715	126.5E6	189.0E6	37.819	41.269m
9) A Endosulfan I	6.063	5.085	125.9E6	170.6E6	41.015	38.882m
10) B gamma-Chl...	5.934	4.965	137.1E6	197.1E6	40.694	40.822m
11) B alpha-Chl...	6.013	5.030	134.6E6	197.7E6	40.824	41.412
12) B 4,4'-DDE	6.186	5.217	121.5E6	194.7E6	41.284	41.882m
13) MA Dieldrin	6.337	5.349	131.9E6	196.0E6	41.250	40.401m
14) MA Endrin	6.567	5.625	113.1E6	177.3E6	40.792	40.621
15) B Endosulfa...	6.787	5.919	111.9E6	176.2E6	41.211m	40.713m
16) A 4,4'-DDD	6.704	5.773	102.0E6	152.9E6	47.079	42.508
17) MA 4,4'-DDT	7.017	6.023	104.2E6	163.5E6	43.792	40.557
18) B Endrin al...	6.917	6.099	86988770	134.1E6	41.208m	39.846
19) B Endosulfa...	7.153	6.322	100.3E6	163.3E6	41.258	40.101
20) A Methoxychlor	7.494	6.596	53250590	88409470	44.484	41.682m
21) B Endrin ke...	7.638	6.827	114.5E6	187.4E6	43.321	39.267
22) Mirex	8.110	7.006	83209237	143.5E6	40.270	37.809

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041125\
Data File : PL095193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Apr 2025 13:29
Operator : AR\AJ
Sample : Q1779-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

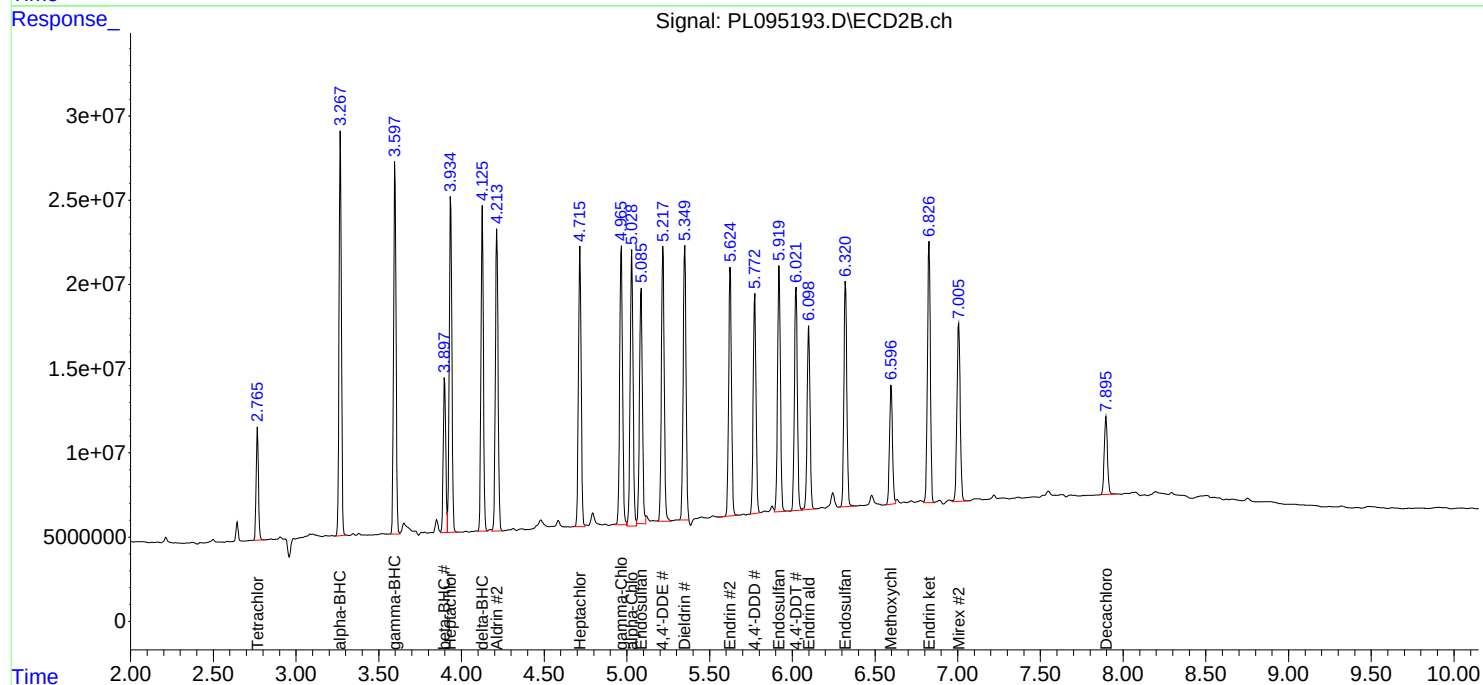
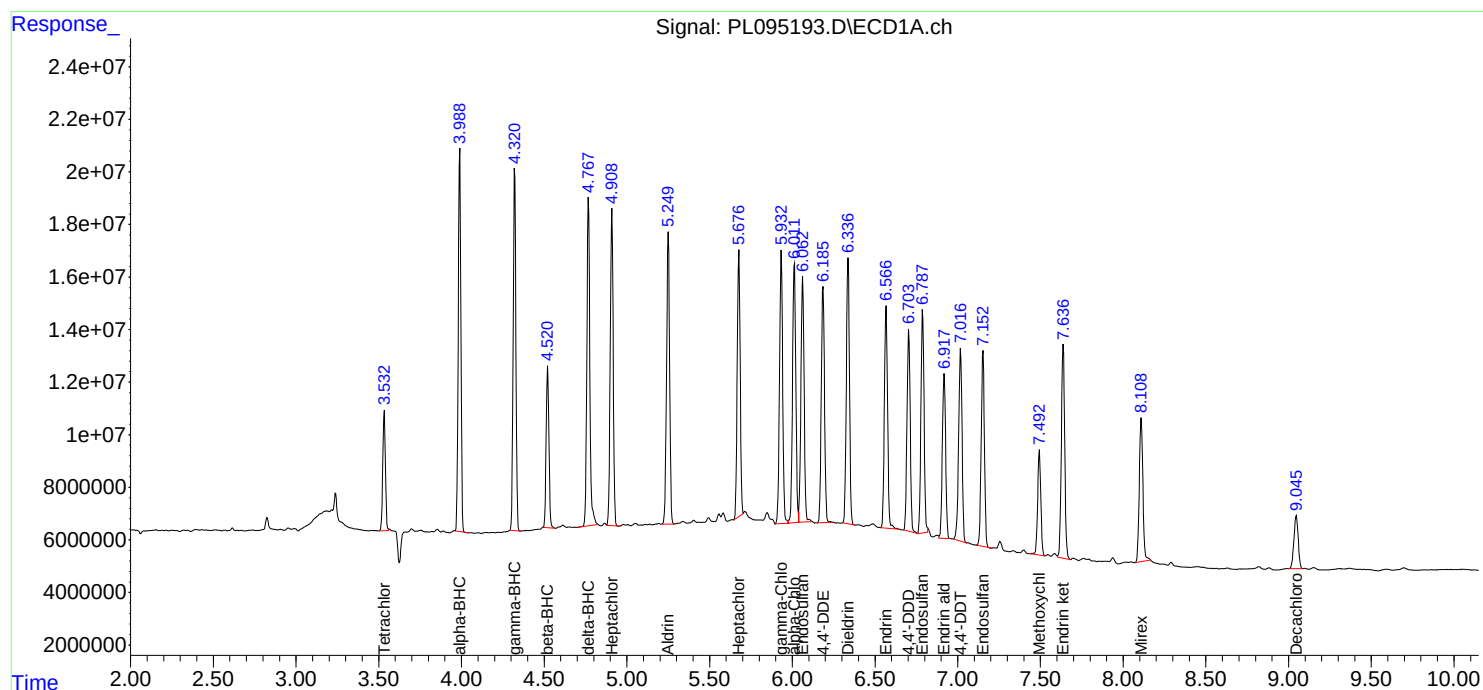
Instrument :
ECD_L
ClientSampleId :
TP-22MS

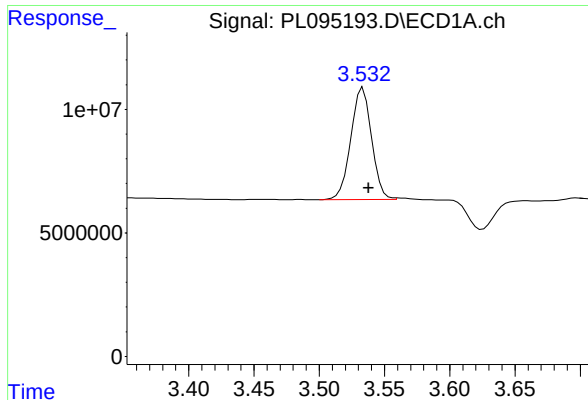
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 12 00:11:07 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





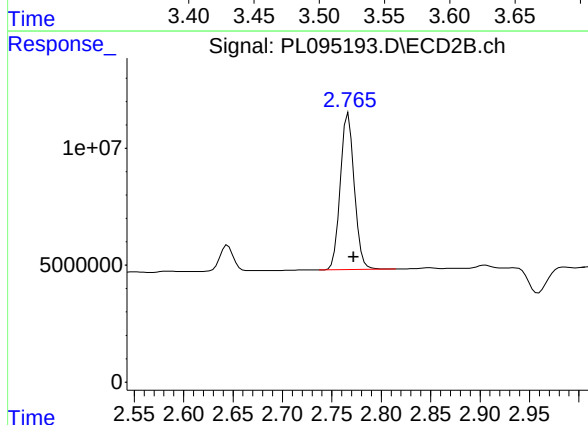
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.006 min
Response: 50029371
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

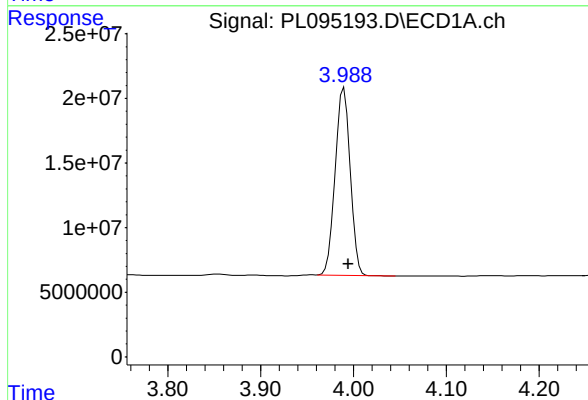
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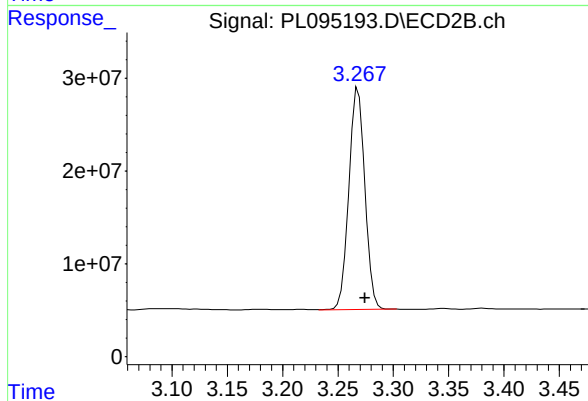
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 65569797
Conc: 18.37 ng/ml



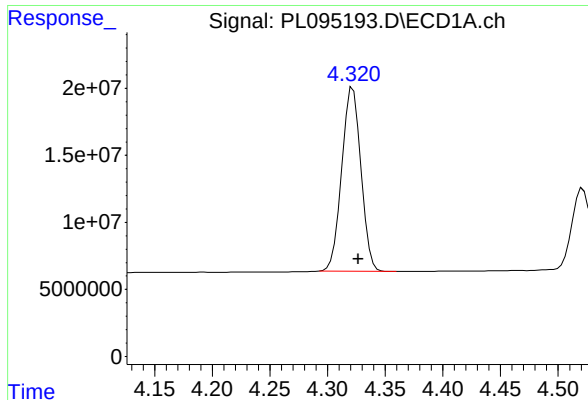
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.005 min
Response: 163633314
Conc: 39.41 ng/ml



#2 alpha-BHC

R.T.: 3.267 min
Delta R.T.: -0.007 min
Response: 240565750
Conc: 44.62 ng/ml m



#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 157529000
Conc: 39.48 ng/ml

Instrument :

ECD_L

ClientSampleId :

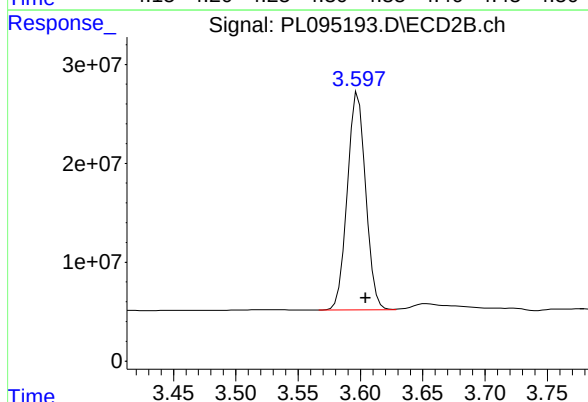
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Manual Integrations

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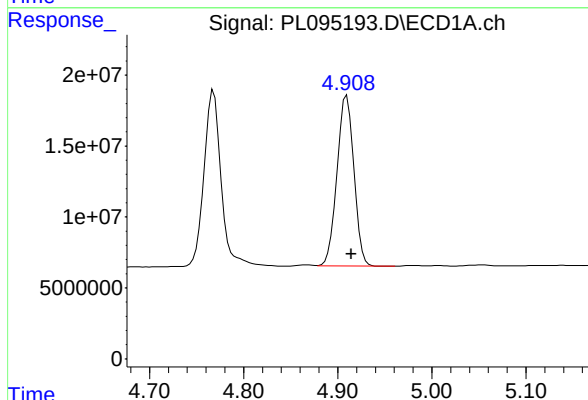
Reviewed By :Abdul Mirza 04/14/2025

Supervised By :mohammad ahmed 04/15/2025



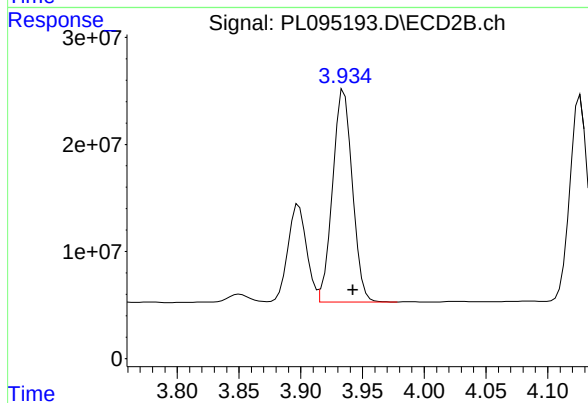
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 224901627
Conc: 43.76 ng/ml



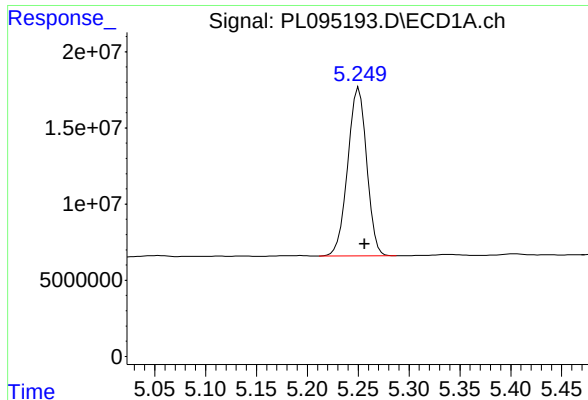
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 150194868
Conc: 38.69 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 220070712
Conc: 41.77 ng/ml



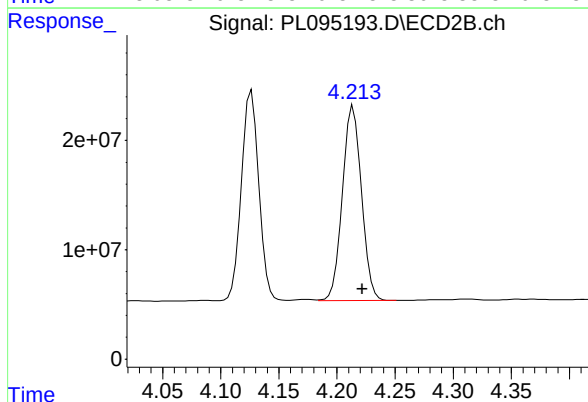
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 143662509
Conc: 38.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

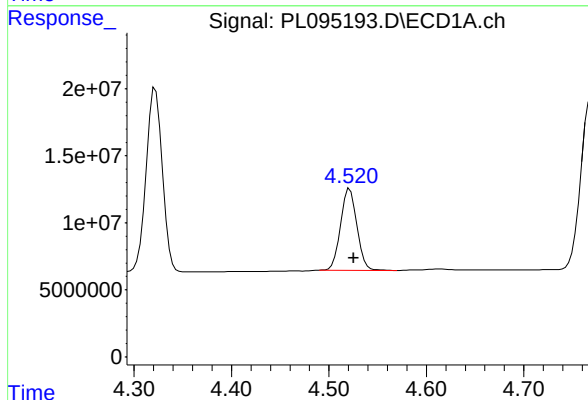
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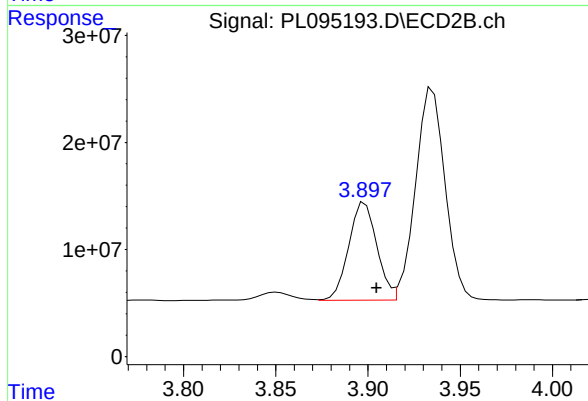
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: -0.007 min
Response: 202560877
Conc: 41.54 ng/ml



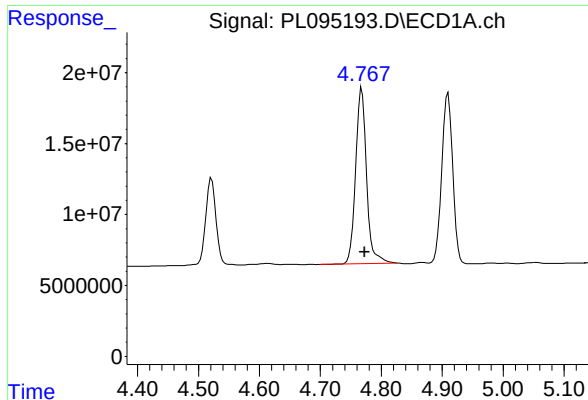
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 71054949
Conc: 38.51 ng/ml



#6 beta-BHC

R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 96754580
Conc: 43.56 ng/ml



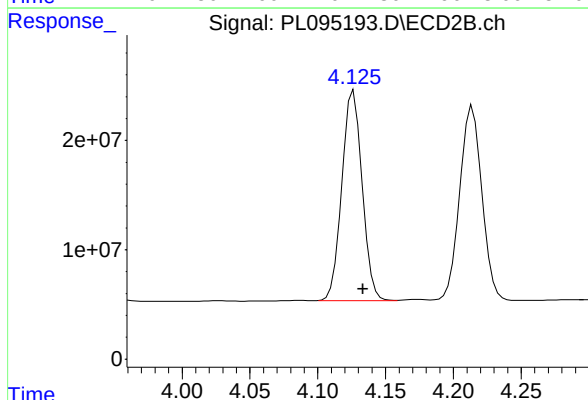
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.005 min
Response: 154700543
Conc: 39.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

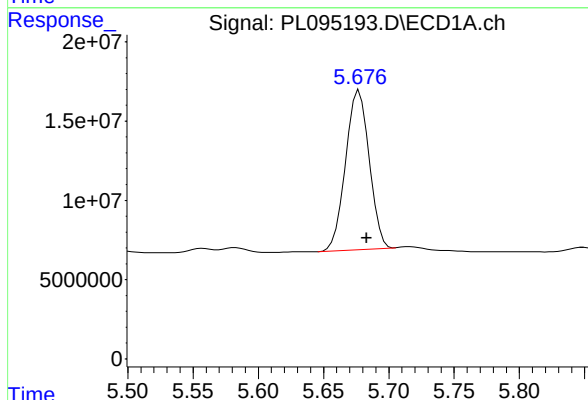
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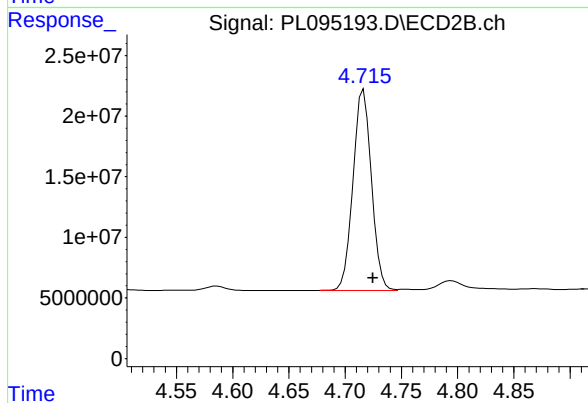
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.007 min
Response: 198981121
Conc: 39.78 ng/ml



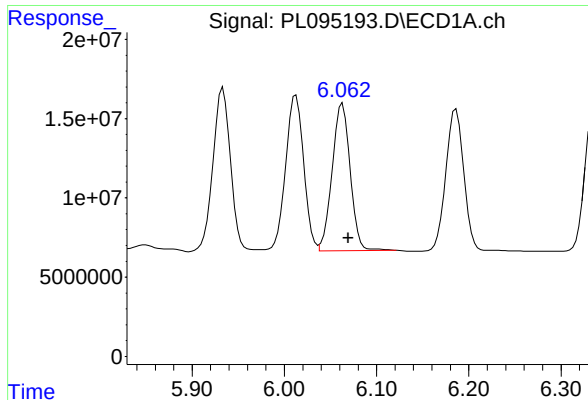
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 126512003
Conc: 37.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: -0.010 min
Response: 188953524
Conc: 41.27 ng/ml m



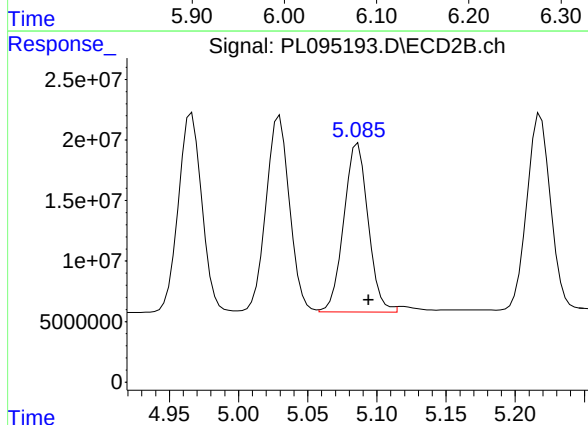
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 125925209
Conc: 41.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

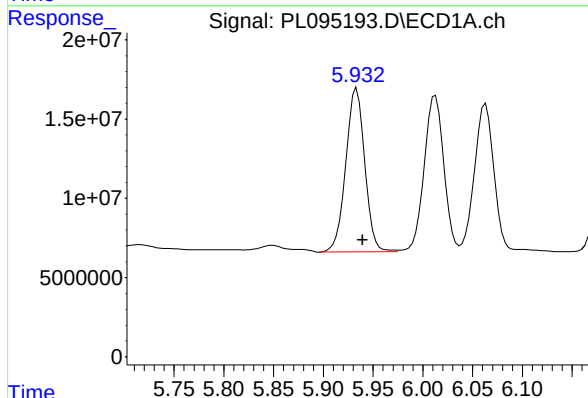
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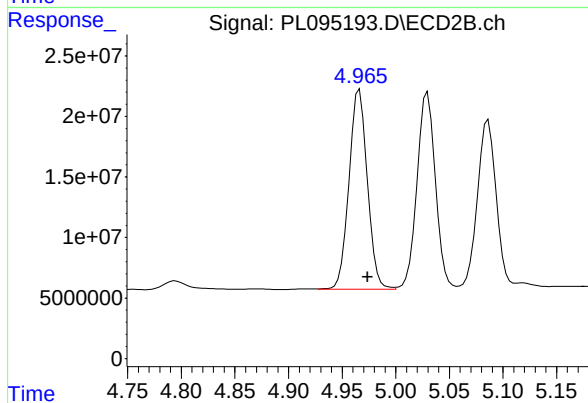
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 170641808
Conc: 38.88 ng/ml m



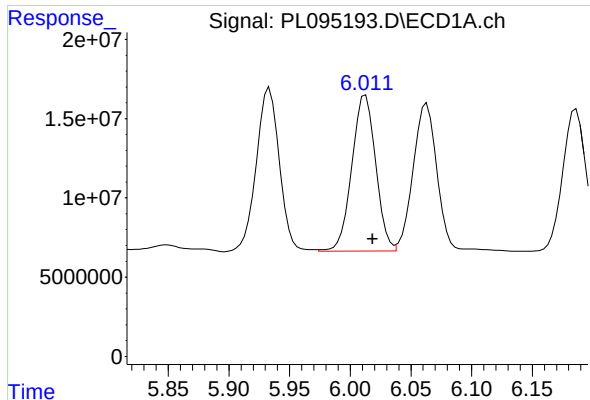
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 137113078
Conc: 40.69 ng/ml



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: -0.009 min
Response: 197108183
Conc: 40.82 ng/ml m



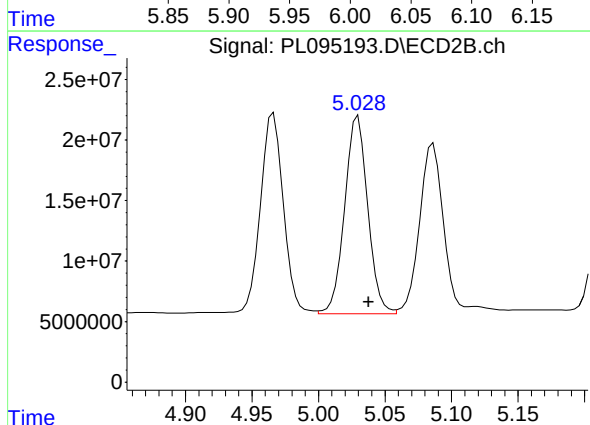
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 134590374
Conc: 40.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

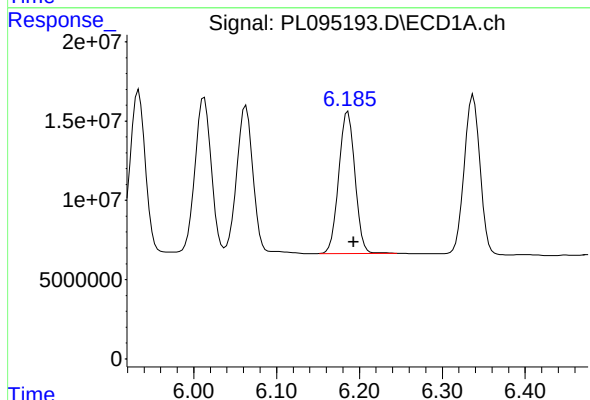
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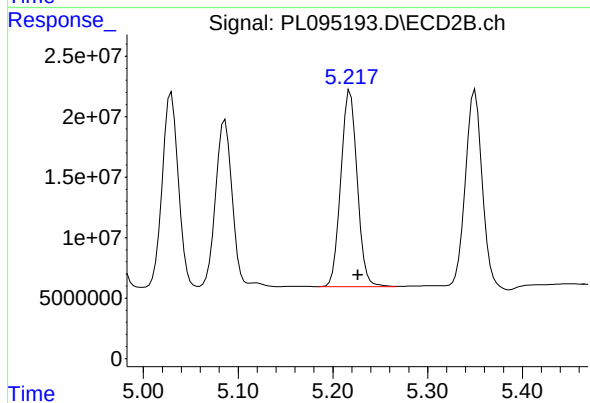
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.008 min
Response: 197651207
Conc: 41.41 ng/ml



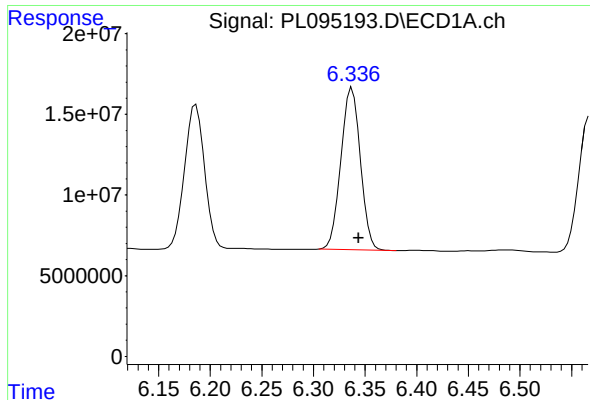
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.007 min
Response: 121459991
Conc: 41.28 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.010 min
Response: 194689093
Conc: 41.88 ng/ml m



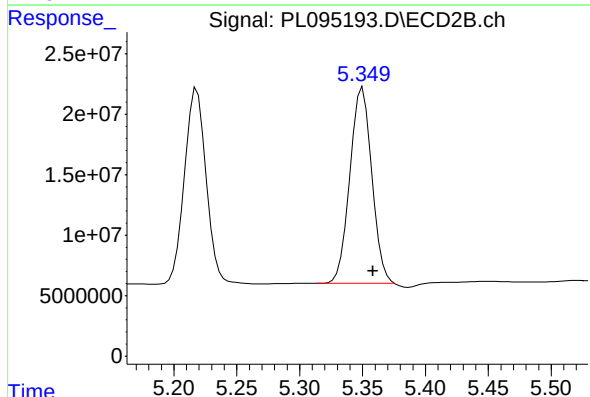
#13 Dieldrin

R.T.: 6.337 min
Delta R.T.: -0.006 min
Response: 131922200
Conc: 41.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

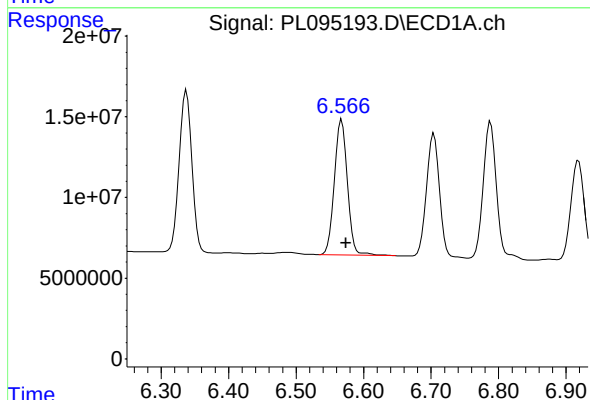
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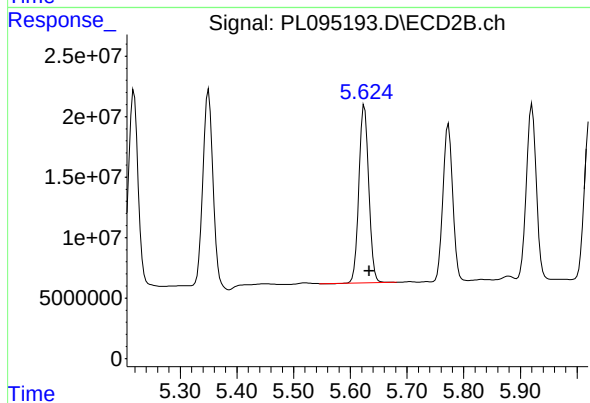
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.010 min
Response: 196020411
Conc: 40.40 ng/ml



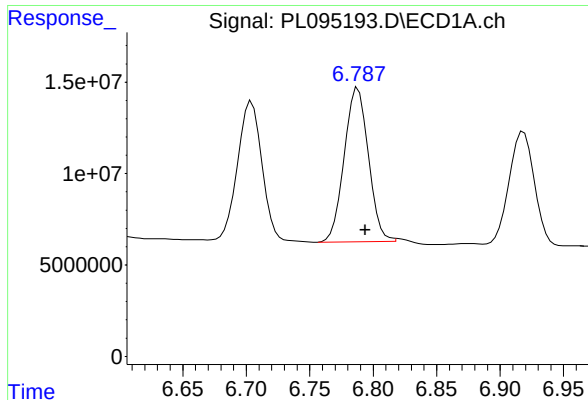
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 113077114
Conc: 40.79 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: -0.009 min
Response: 177257379
Conc: 40.62 ng/ml



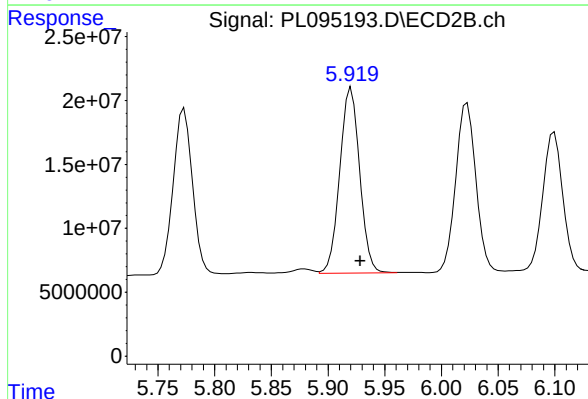
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: -0.007 min
Response: 111877968
Conc: 41.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

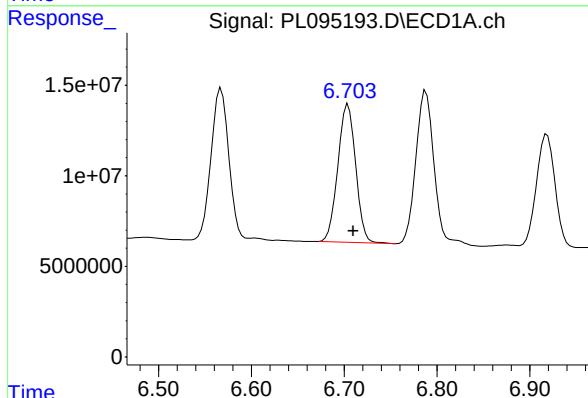
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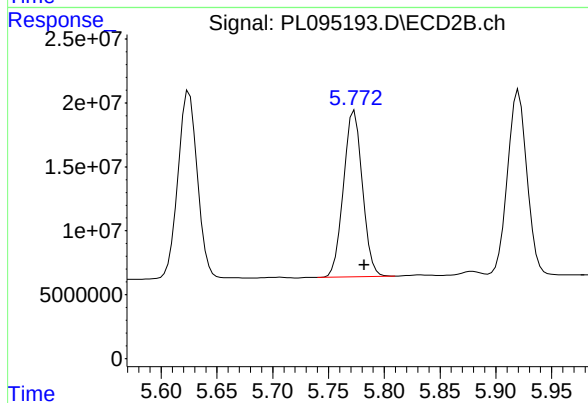
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 176217180
Conc: 40.71 ng/ml



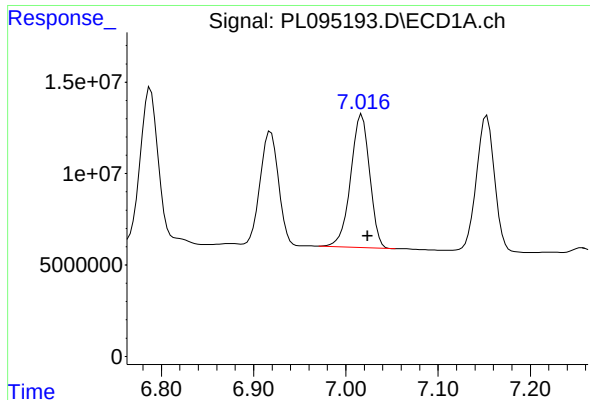
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 101975255
Conc: 47.08 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: -0.009 min
Response: 152854683
Conc: 42.51 ng/ml



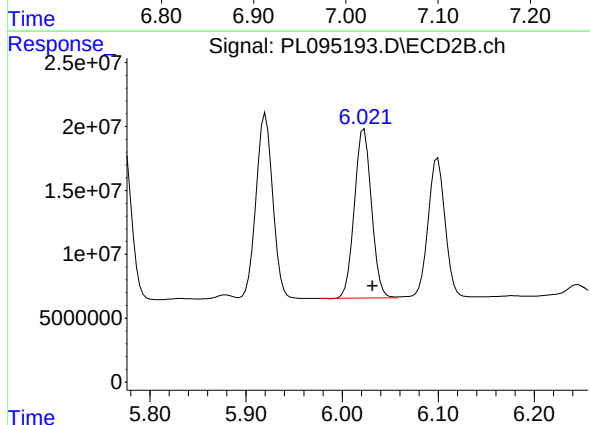
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.006 min
Response: 104160063
Conc: 43.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

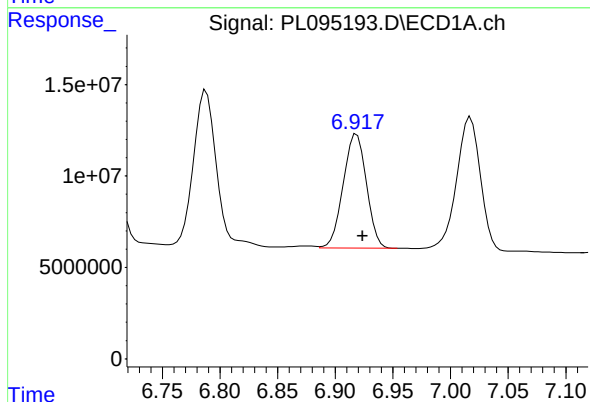
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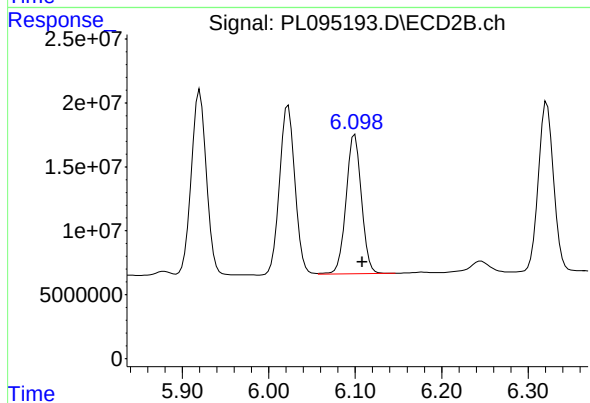
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.009 min
Response: 163528630
Conc: 40.56 ng/ml



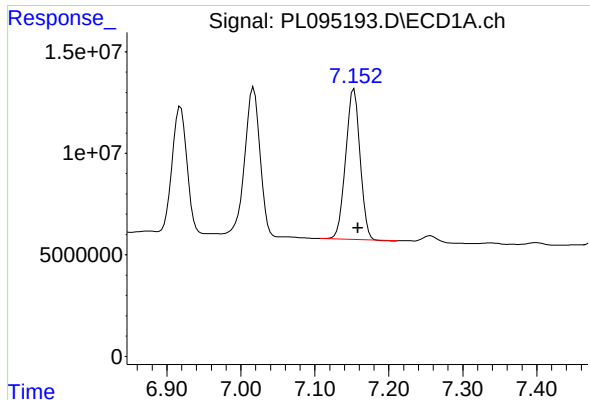
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: -0.007 min
Response: 86988770
Conc: 41.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: -0.009 min
Response: 134095292
Conc: 39.85 ng/ml



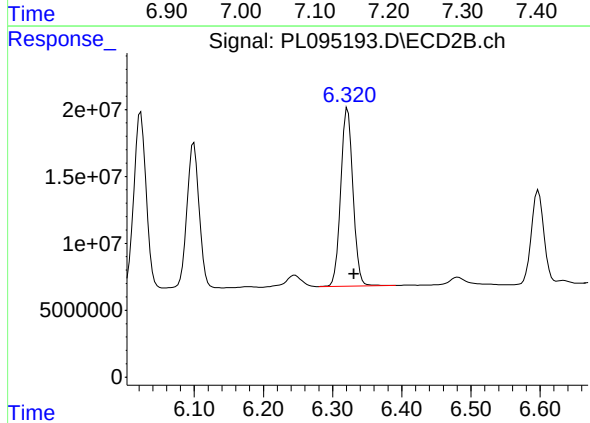
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 100340195
Conc: 41.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

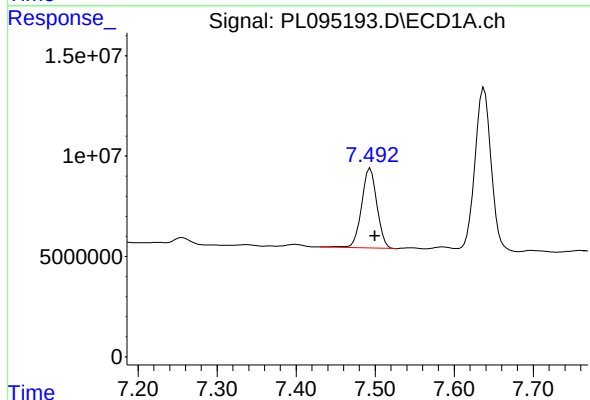
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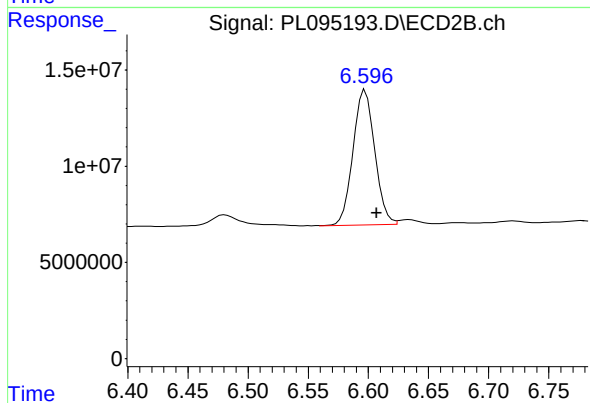
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 163347324
Conc: 40.10 ng/ml



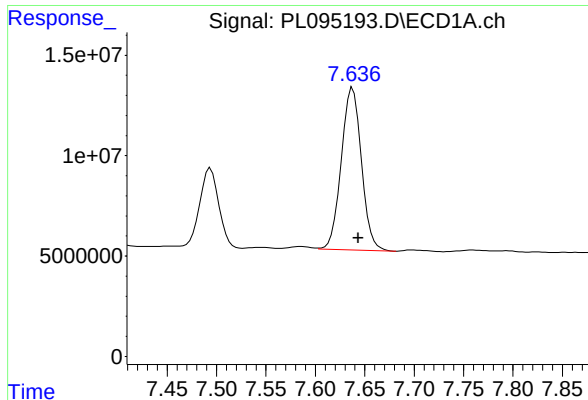
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 53250590
Conc: 44.48 ng/ml



#20 Methoxychlor

R.T.: 6.596 min
Delta R.T.: -0.011 min
Response: 88409470
Conc: 41.68 ng/ml m



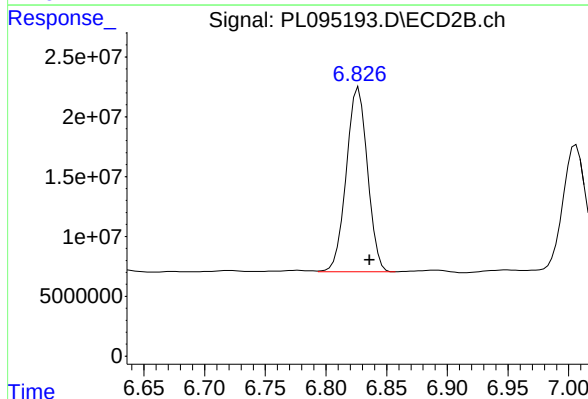
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 114510331
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

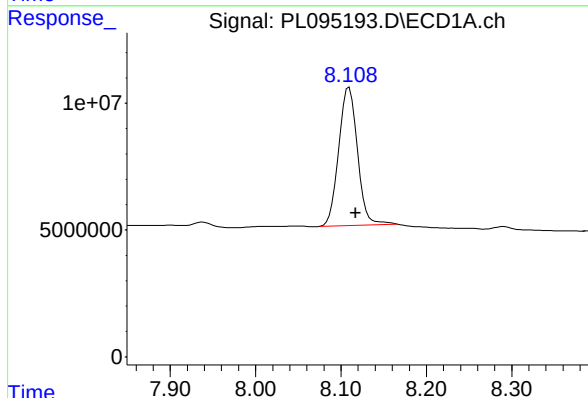
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/14/2025
Supervised By :mohammad ahmed 04/15/2025



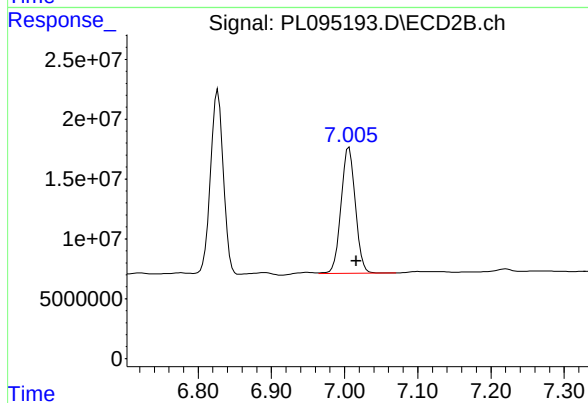
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 187405926
Conc: 39.27 ng/ml



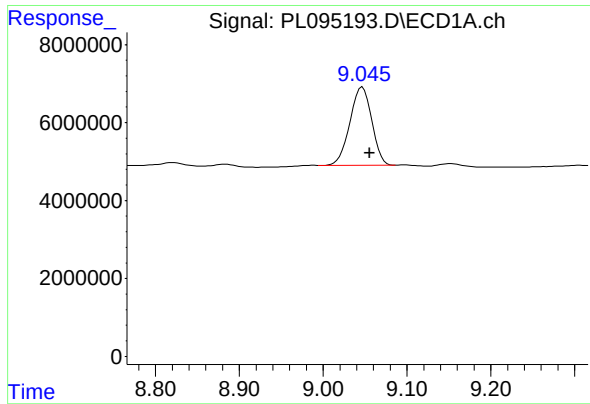
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 83209237
Conc: 40.27 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.010 min
Response: 143495305
Conc: 37.81 ng/ml



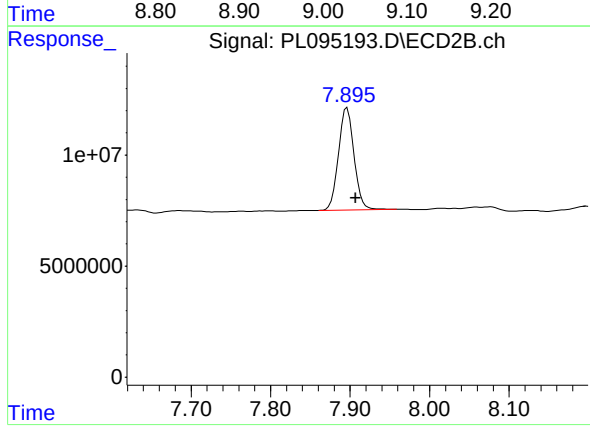
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 36373148
Conc: 17.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-22MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.896 min
Delta R.T.: -0.010 min
Response: 62594508
Conc: 15.50 ng/ml