

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
 Data File : PL093720.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2025 17:54
 Operator : AR\AJ
 Sample : Q1123-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-03-1172025MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:15:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.537	2.775	39379712	48596027	15.907m	16.693
28) SA Decachlor...	9.051	7.910	26233558	37943655	14.188	12.708
Target Compounds						
2) A alpha-BHC	3.994	3.277	152.8E6	192.2E6	44.262	44.207
3) MA gamma-BHC...	4.327	3.607	145.0E6	189.6E6	44.210	44.941
4) MA Heptachlor	4.915	3.945	131.3E6	191.5E6	44.829	46.082
5) MB Aldrin	5.256	4.224	125.4E6	182.9E6	43.123	44.588
6) B beta-BHC	4.525	3.907	64094082	87693740	44.461	48.787
7) B delta-BHC	4.772	4.135	139.3E6	191.8E6	45.497	45.361
8) B Heptachlo...	5.683	4.727	114.4E6	173.4E6	43.444	45.279
9) A Endosulfan I	6.068	5.096	104.9E6	143.7E6	44.480	41.119m
10) B gamma-Chl...	5.939	4.977	119.5E6	196.9E6	47.563	51.102
11) B alpha-Chl...	6.018	5.041	121.7E6	180.6E6	48.606	47.424
12) B 4,4'-DDE	6.191	5.229	103.8E6	184.1E6	46.276	50.074
13) MA Dieldrin	6.342	5.361	112.2E6	180.2E6	44.967m	46.752
14) MA Endrin	6.571	5.636	94183364	155.7E6	43.757m	47.077
15) B Endosulfa...	6.793	5.931	96673098	150.2E6	42.526	46.227
16) A 4,4'-DDD	6.709	5.784	98248224	145.1E6	55.951	51.264
17) MA 4,4'-DDT	7.022	6.034	85824812	136.2E6	46.429	45.097
18) B Endrin al...	6.923	6.110	73365977	114.2E6	41.344	42.405
19) B Endosulfa...	7.157	6.332	89283785	134.9E6	44.221	42.780
20) A Methoxychlor	7.498	6.609	43187167	65094440	43.201	40.440
21) B Endrin ke...	7.641	6.838	98671128	147.0E6	43.974m	40.367
22) Mirex	8.114	7.018	73207690	114.4E6	39.175	37.437

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

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 Sample : Q1123-01MS
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 ALS Vial : 22 Sample Multiplier: 1

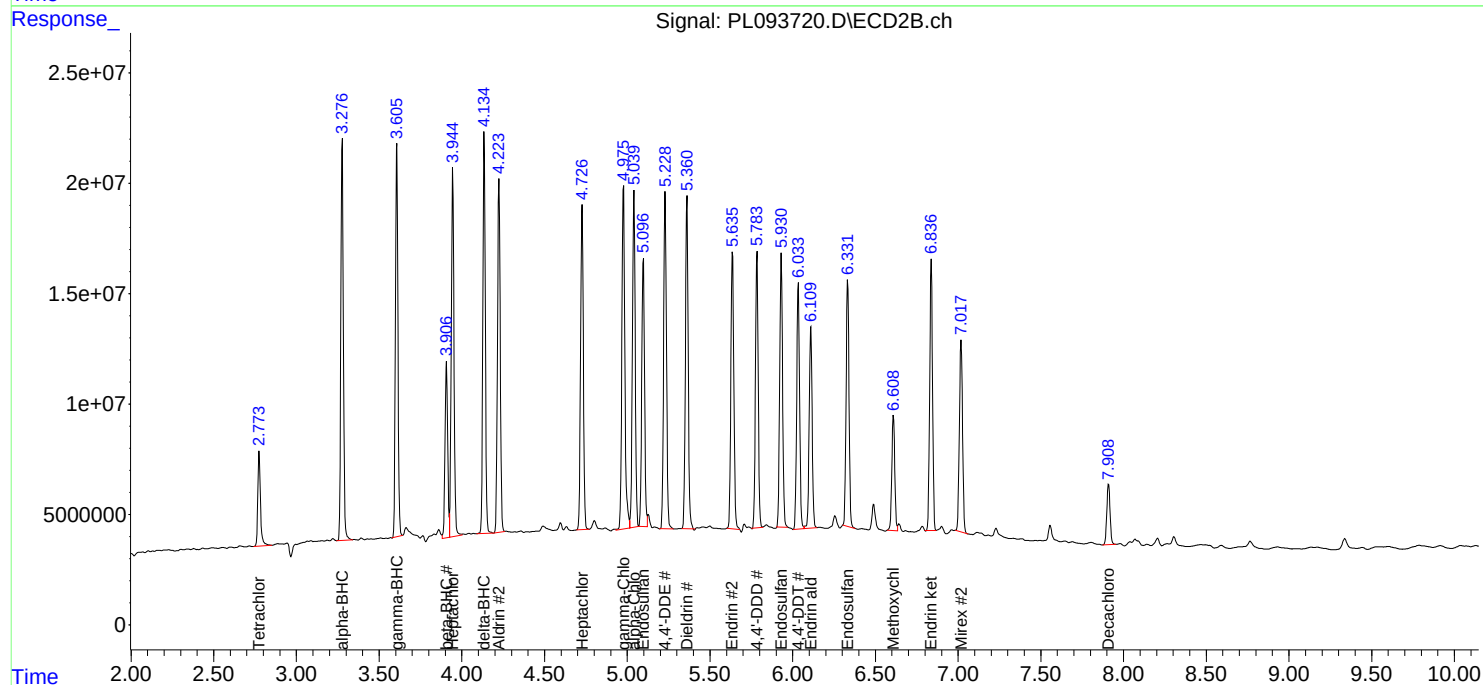
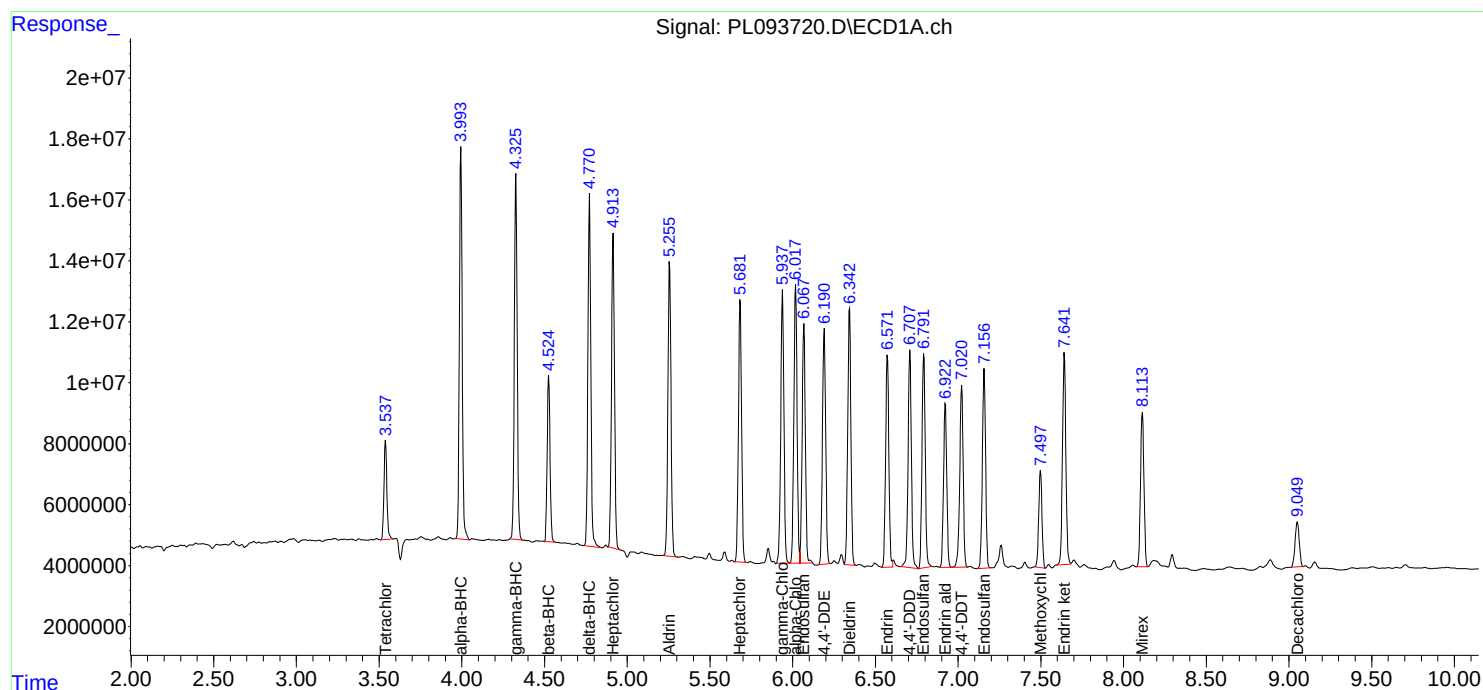
Instrument :
 ECD_L
 ClientSampleId :
 BU-03-1172025MS

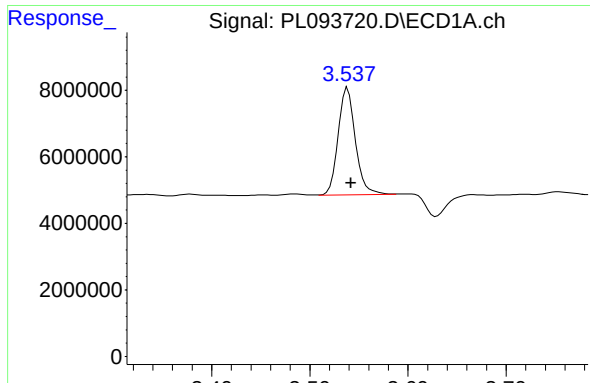
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:15:56 2025
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





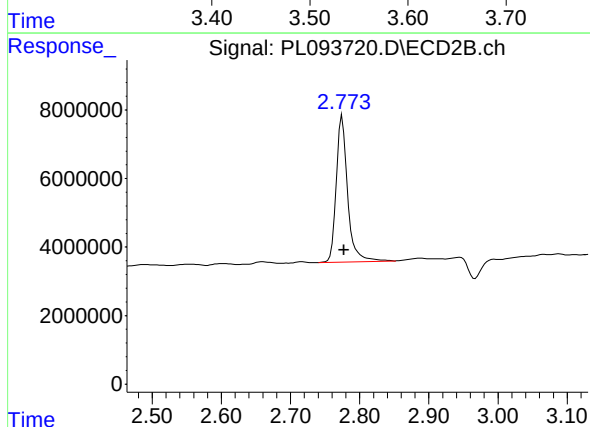
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 39379712
Conc: 15.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

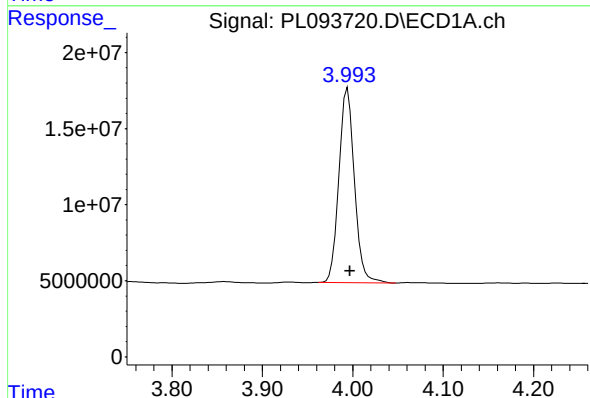
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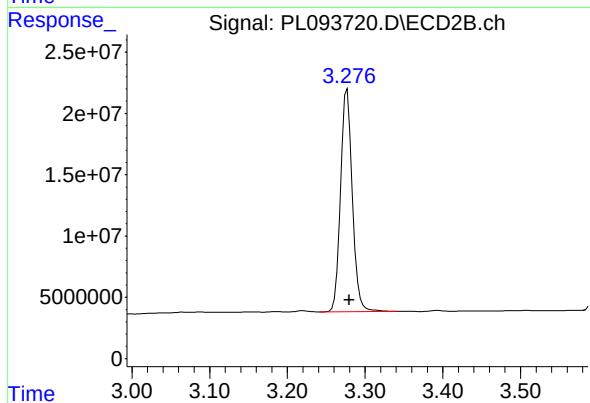
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.002 min
Response: 48596027
Conc: 16.69 ng/ml



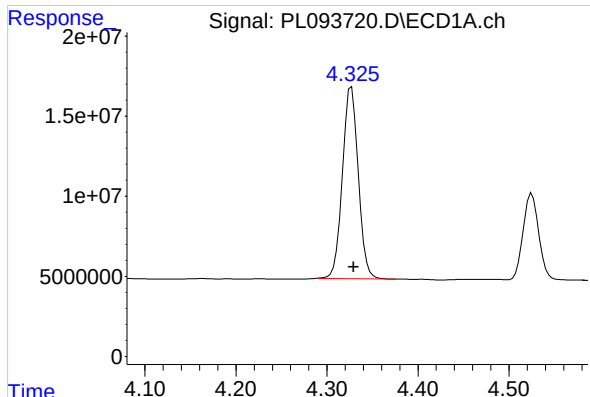
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 152810347
Conc: 44.26 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 192159128
Conc: 44.21 ng/ml



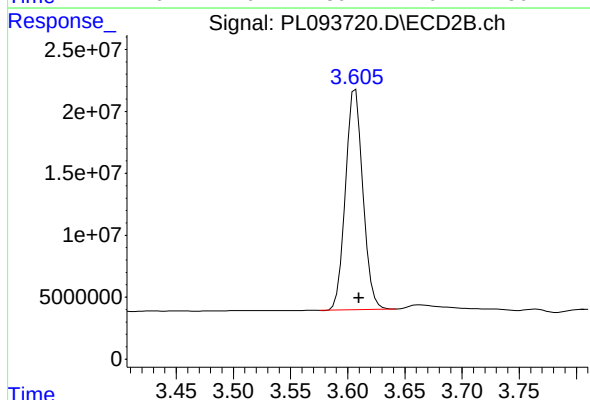
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 144982216
Conc: 44.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

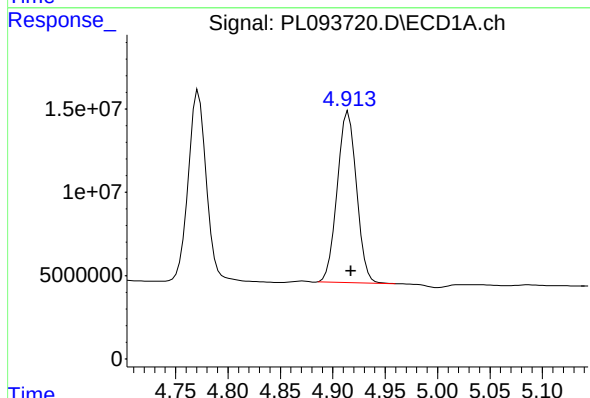
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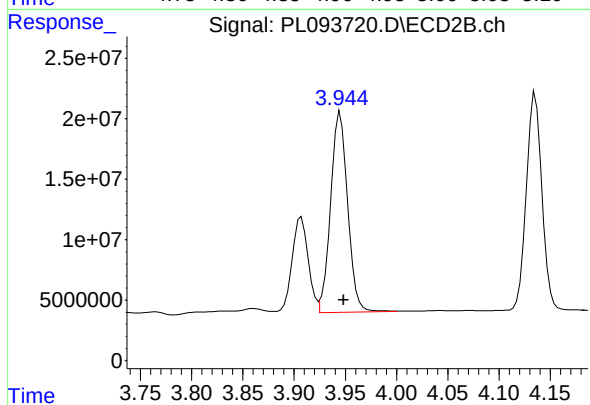
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 189623093
Conc: 44.94 ng/ml



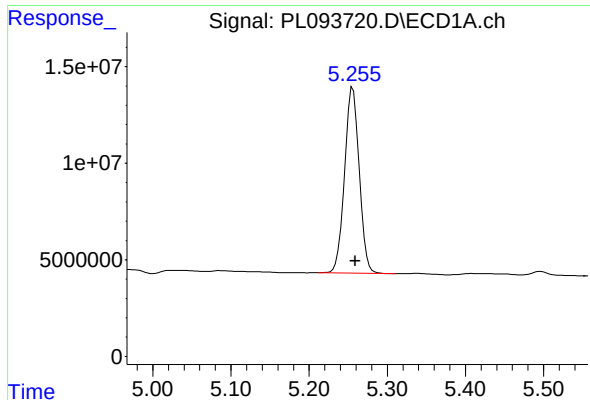
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 131273894
Conc: 44.83 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 191511965
Conc: 46.08 ng/ml



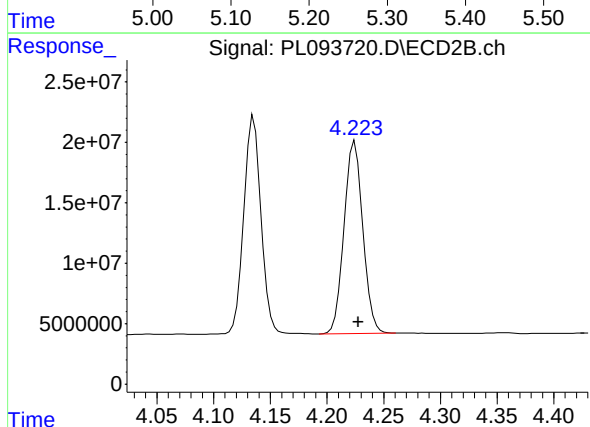
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 125437681
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

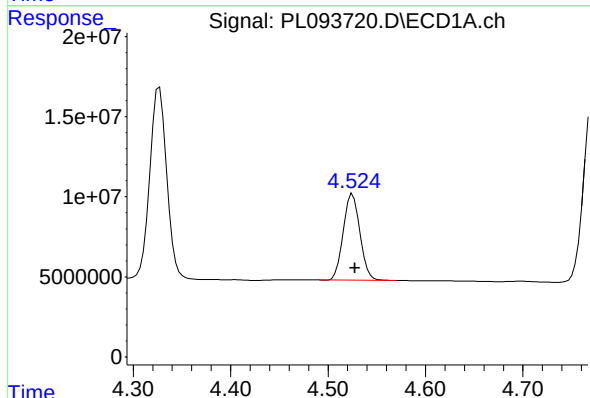
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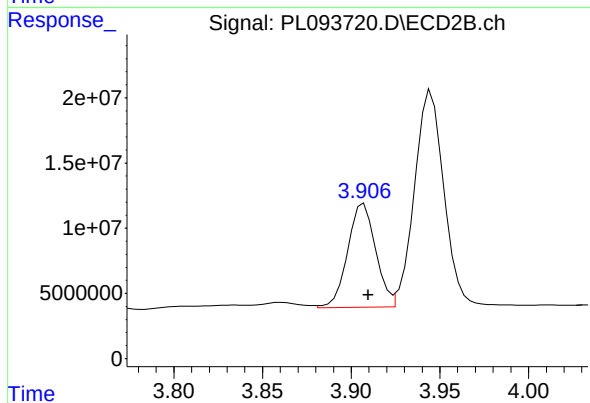
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.003 min
Response: 182913211
Conc: 44.59 ng/ml



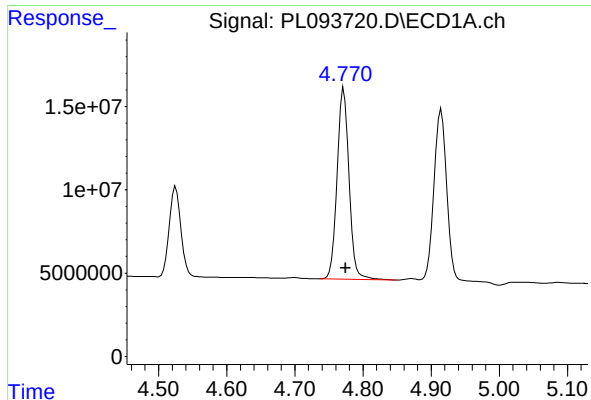
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 64094082
Conc: 44.46 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 87693740
Conc: 48.79 ng/ml



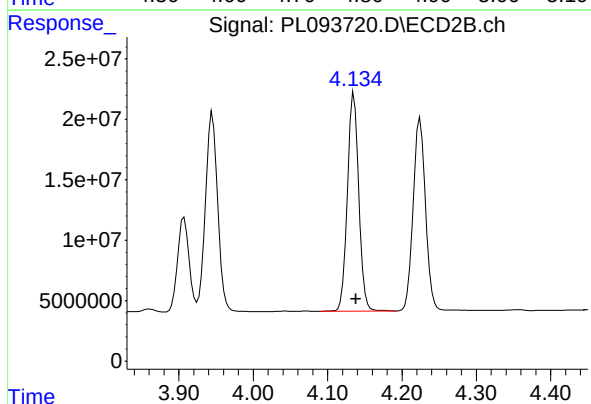
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 139339541
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

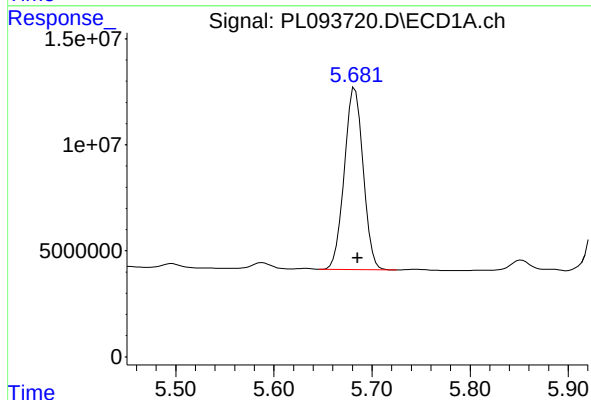
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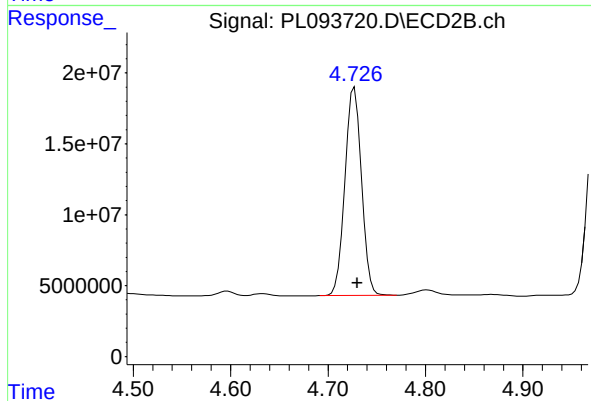
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 191824868
Conc: 45.36 ng/ml



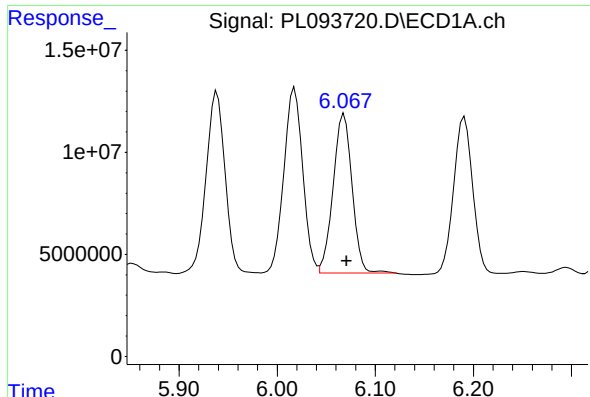
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 114446473
Conc: 43.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.003 min
Response: 173358937
Conc: 45.28 ng/ml



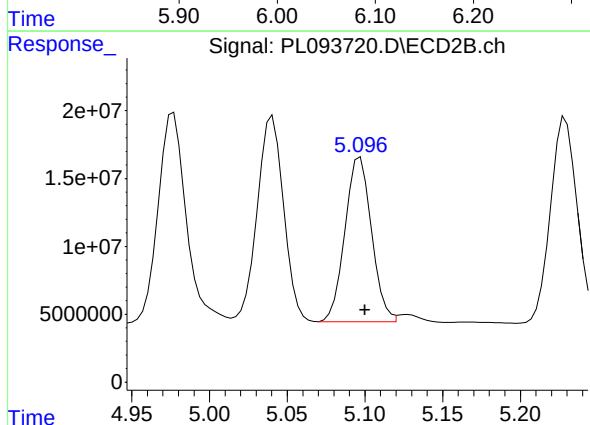
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 104940911
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

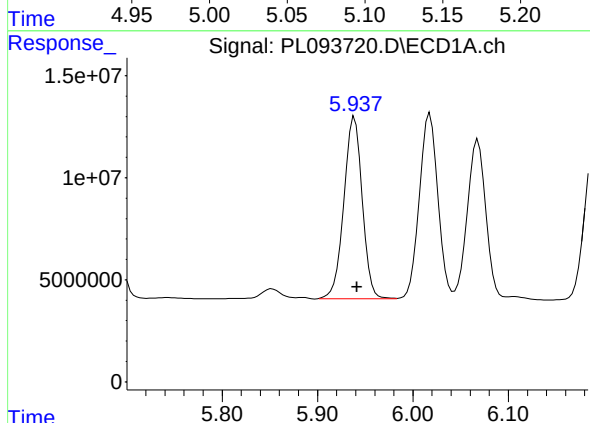
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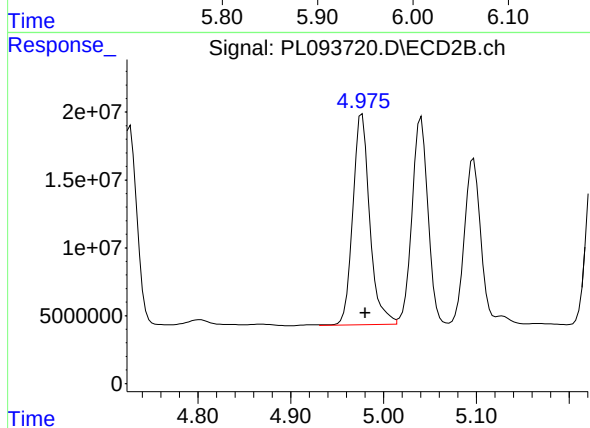
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.004 min
Response: 143667952
Conc: 41.12 ng/ml



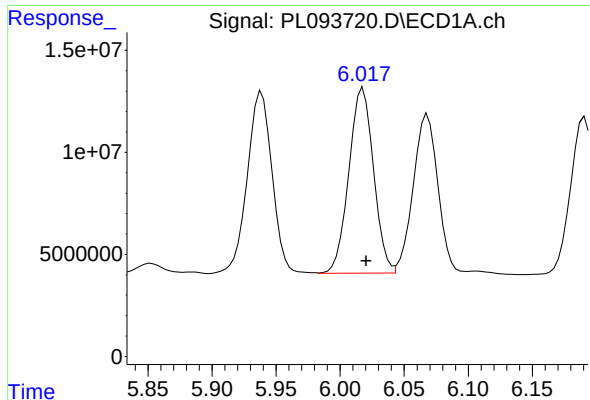
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 119530156
Conc: 47.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 196895335
Conc: 51.10 ng/ml



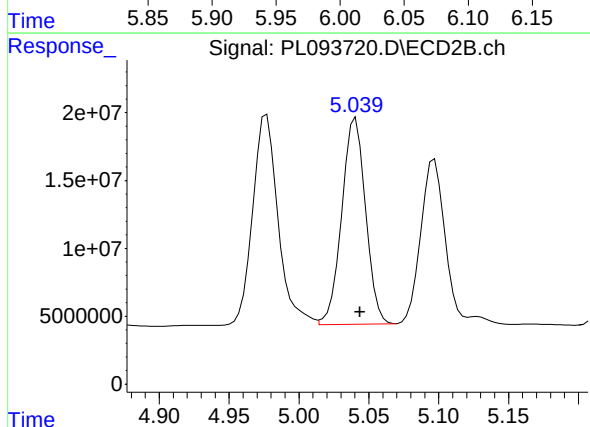
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 121657581
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

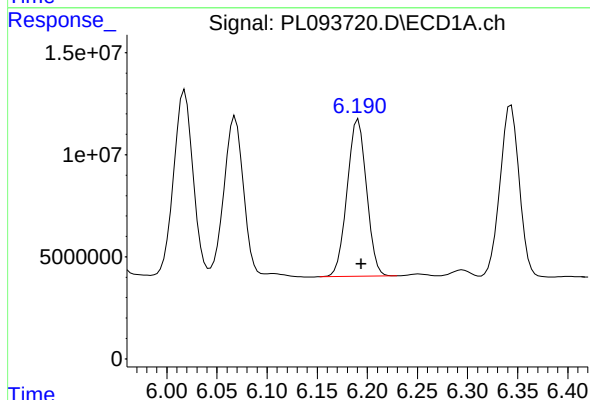
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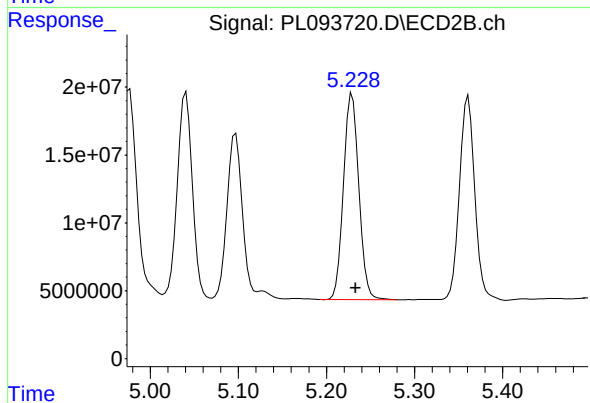
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 180563534
Conc: 47.42 ng/ml



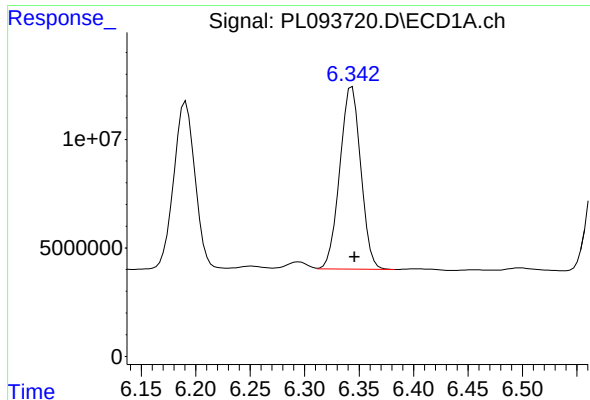
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 103836110
Conc: 46.28 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 184134424
Conc: 50.07 ng/ml



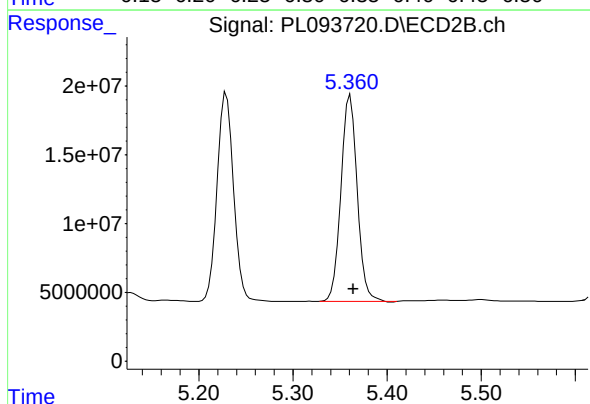
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 112197131
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

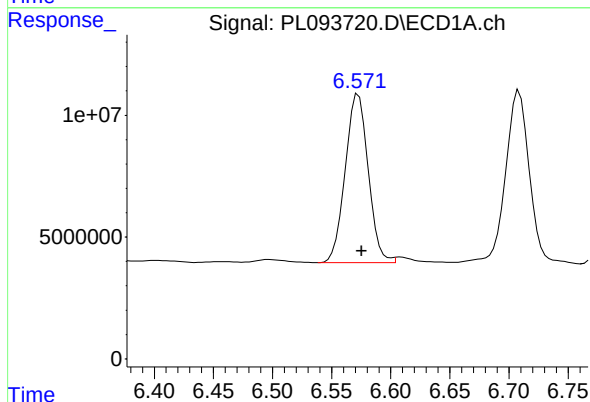
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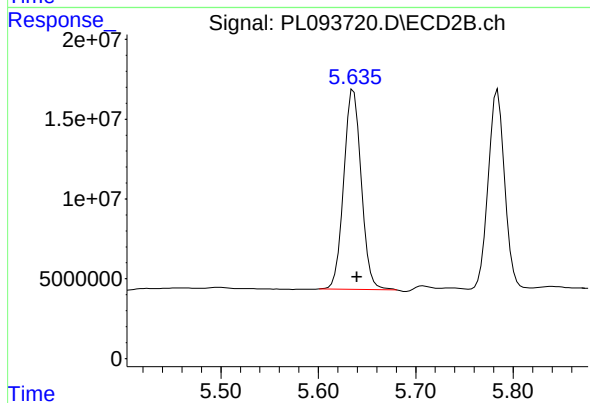
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 180176458
Conc: 46.75 ng/ml



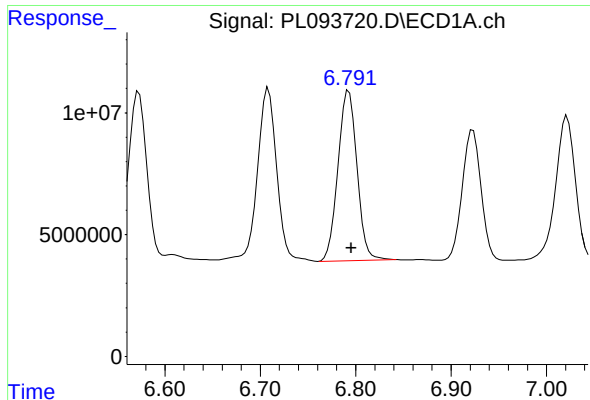
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 94183364
Conc: 43.76 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 155745161
Conc: 47.08 ng/ml



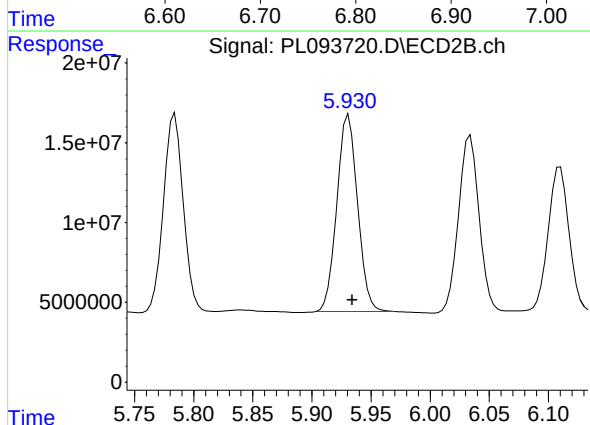
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 96673098
Conc: 42.53 ng/ml

Instrument :
ECD_L
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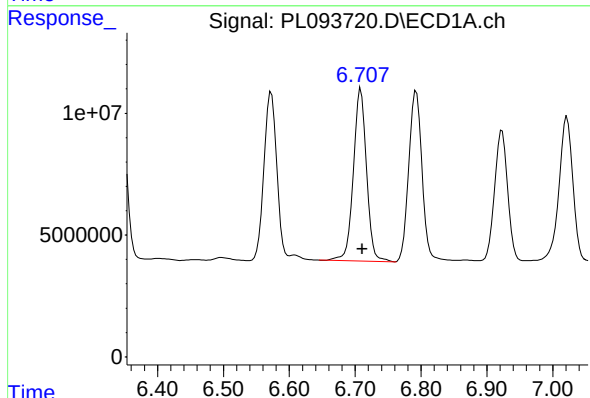
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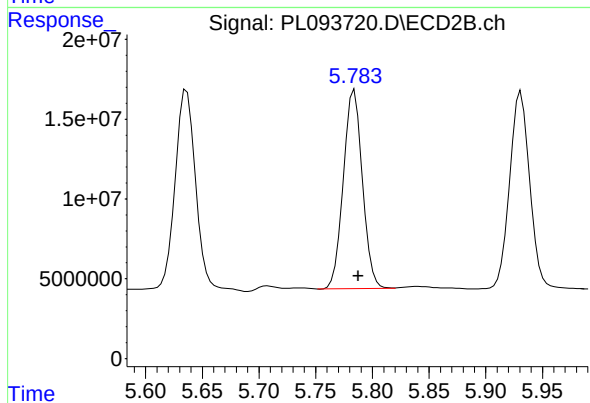
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 150187932
Conc: 46.23 ng/ml



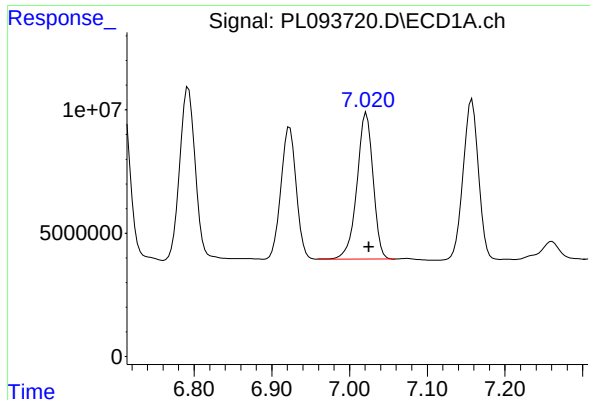
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 98248224
Conc: 55.95 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 145083408
Conc: 51.26 ng/ml



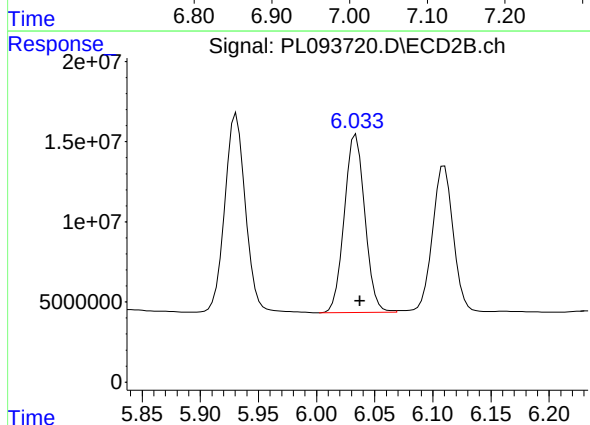
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.003 min
Response: 85824812
Conc: 46.43 ng/ml

Instrument :
ECD_L
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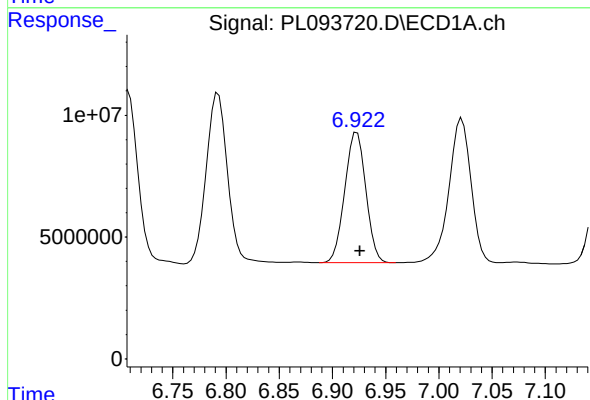
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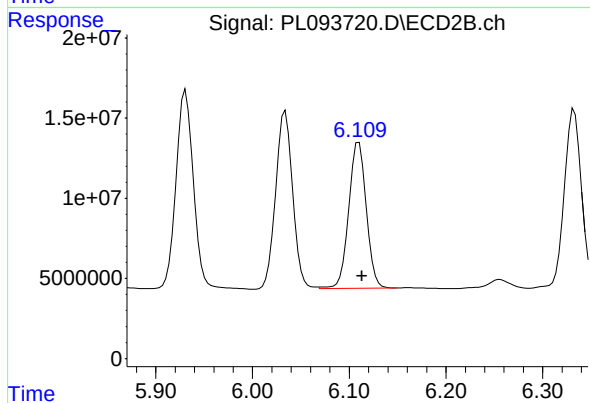
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 136208008
Conc: 45.10 ng/ml



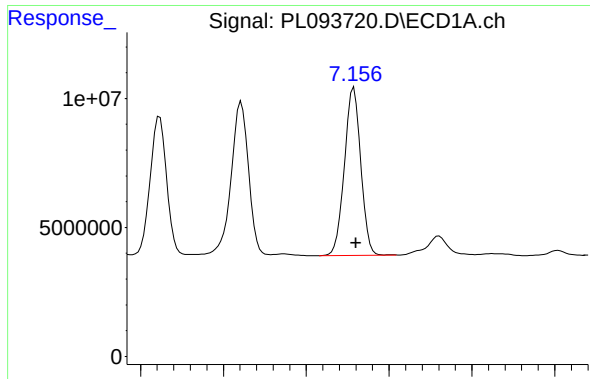
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 73365977
Conc: 41.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 114201316
Conc: 42.41 ng/ml



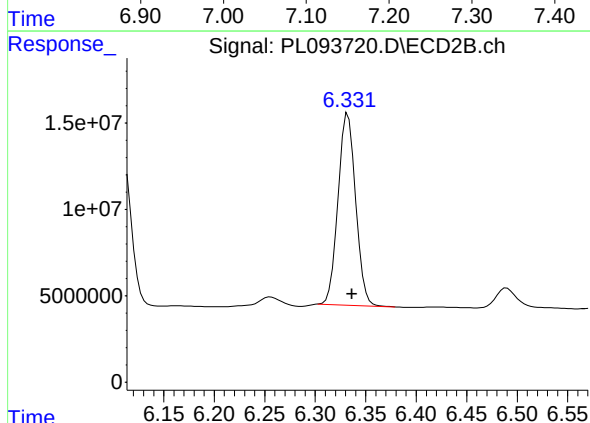
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.002 min
Response: 89283785
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

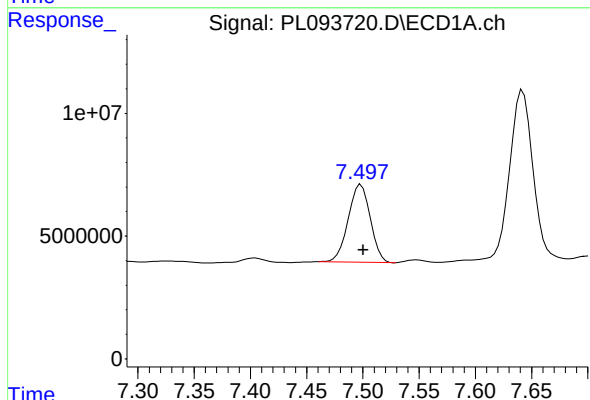
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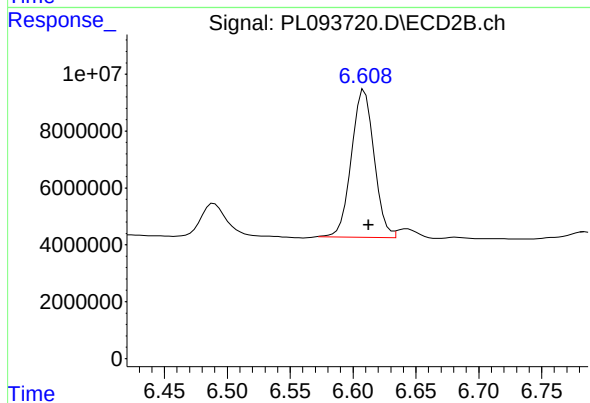
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.004 min
Response: 134944366
Conc: 42.78 ng/ml



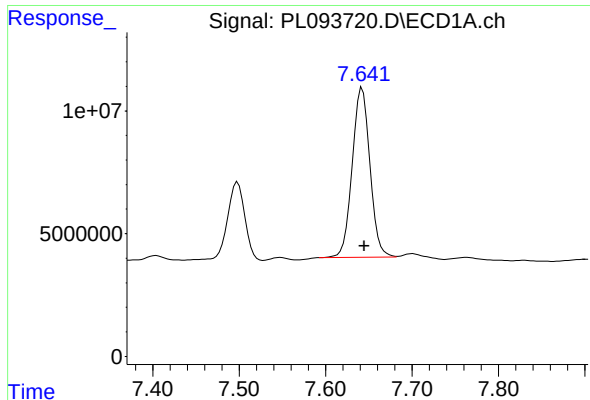
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 43187167
Conc: 43.20 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 65094440
Conc: 40.44 ng/ml



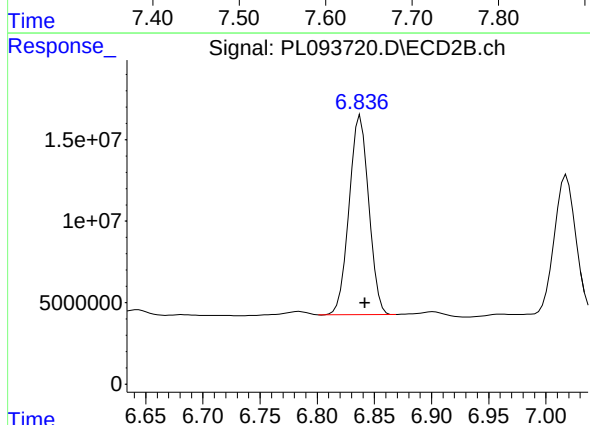
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 98671128
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

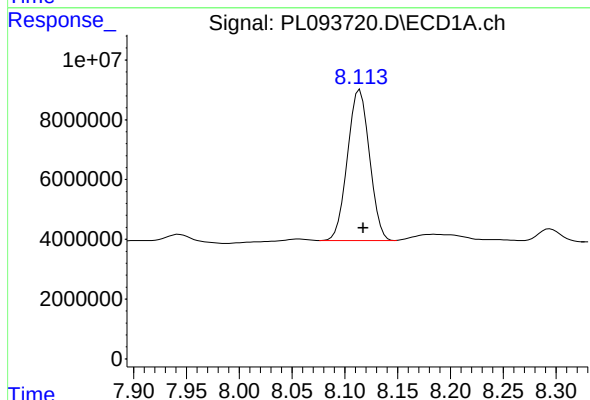
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APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



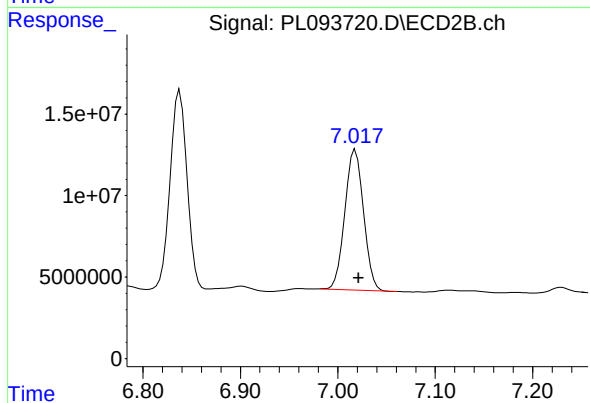
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 146951513
Conc: 40.37 ng/ml



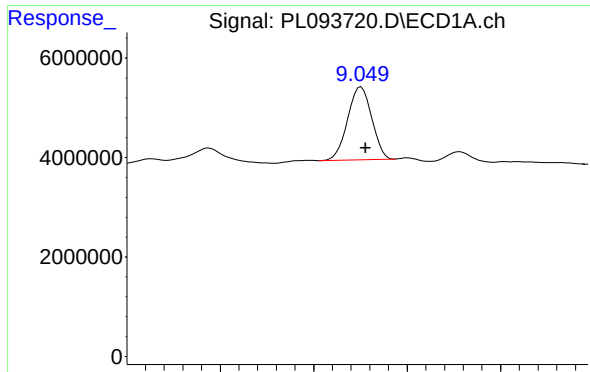
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 73207690
Conc: 39.18 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 114425310
Conc: 37.44 ng/ml



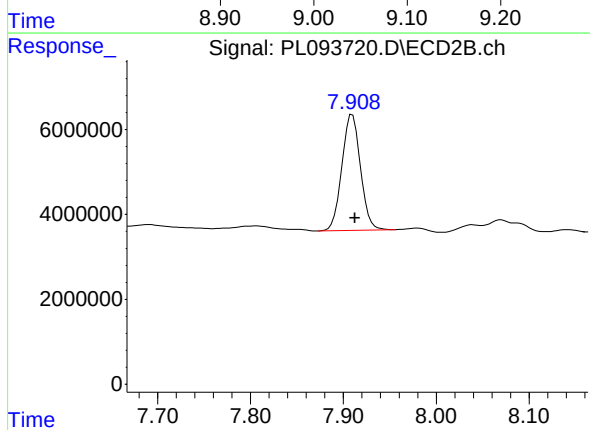
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 26233558
Conc: 14.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-1172025MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.003 min
Response: 37943655
Conc: 12.71 ng/ml