

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
 Data File : PL094419.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2025 10:41
 Operator : AR\AJ
 Sample : PP24208
 Misc : PEST/SPIKE50PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PP24208

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/02/2025
 Supervised By : Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 22:11:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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
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System Monitoring Compounds

Target Compounds

2) A	alpha-BHC	4.000	3.274	206.9E6	265.4E6	54.708	53.998
3) MA	gamma-BHC...	4.333	3.605	198.6E6	253.1E6	53.741	53.747
4) MA	Heptachlor	4.921	3.943	194.4E6	261.8E6	57.352	55.466
5) MB	Aldrin	5.263	4.222	187.1E6	248.1E6	54.514	53.689
6) B	beta-BHC	4.532	3.906	88472805	111.5E6	55.403	56.067
7) B	delta-BHC	4.778	4.134	200.4E6	261.6E6	56.646m	55.234
8) B	Heptachlo...	5.689	4.726	169.1E6	237.5E6	56.115	55.808
9) A	Endosulfan I	6.074	5.095	154.3E6	230.8E6	56.126	57.889
10) B	gamma-Chl...	5.946	4.975	166.8E6	251.1E6	56.807	57.865
11) B	alpha-Chl...	6.024	5.039	165.5E6	247.4E6	57.133	57.300
12) B	4,4'-DDE	6.197	5.228	154.8E6	247.3E6	59.278	58.887
13) MA	Dieldrin	6.350	5.359	160.9E6	257.0E6	56.481	58.653
14) MA	Endrin	6.580	5.635	136.8E6	228.1E6	53.592	66.987
15) B	Endosulfa...	6.799	5.930	139.4E6	230.8E6	55.365	61.706
16) A	4,4'-DDD	6.716	5.783	119.7E6	207.4E6	64.696	65.107
17) MA	4,4'-DDT	7.030	6.033	129.9E6	223.5E6	61.855	62.836
18) B	Endrin al...	6.930	6.109	109.3E6	182.1E6	56.121	57.605
19) B	Endosulfa...	7.164	6.333	127.3E6	218.4E6	56.246	59.127
20) A	Methoxychlor	7.505	6.609	66391026	115.8E6	59.756	59.359
21) B	Endrin ke...	7.650	6.838	140.1E6	256.4E6	55.867	60.090
22)	Mirex	8.122	7.017	104.1E6	190.6E6	50.443	54.656

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022725\
Data File : PL094419.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Feb 2025 10:41
Operator : AR\AJ
Sample : PP24208
Misc : PEST/SPIKE50PPB
ALS Vial : 5 Sample Multiplier: 1

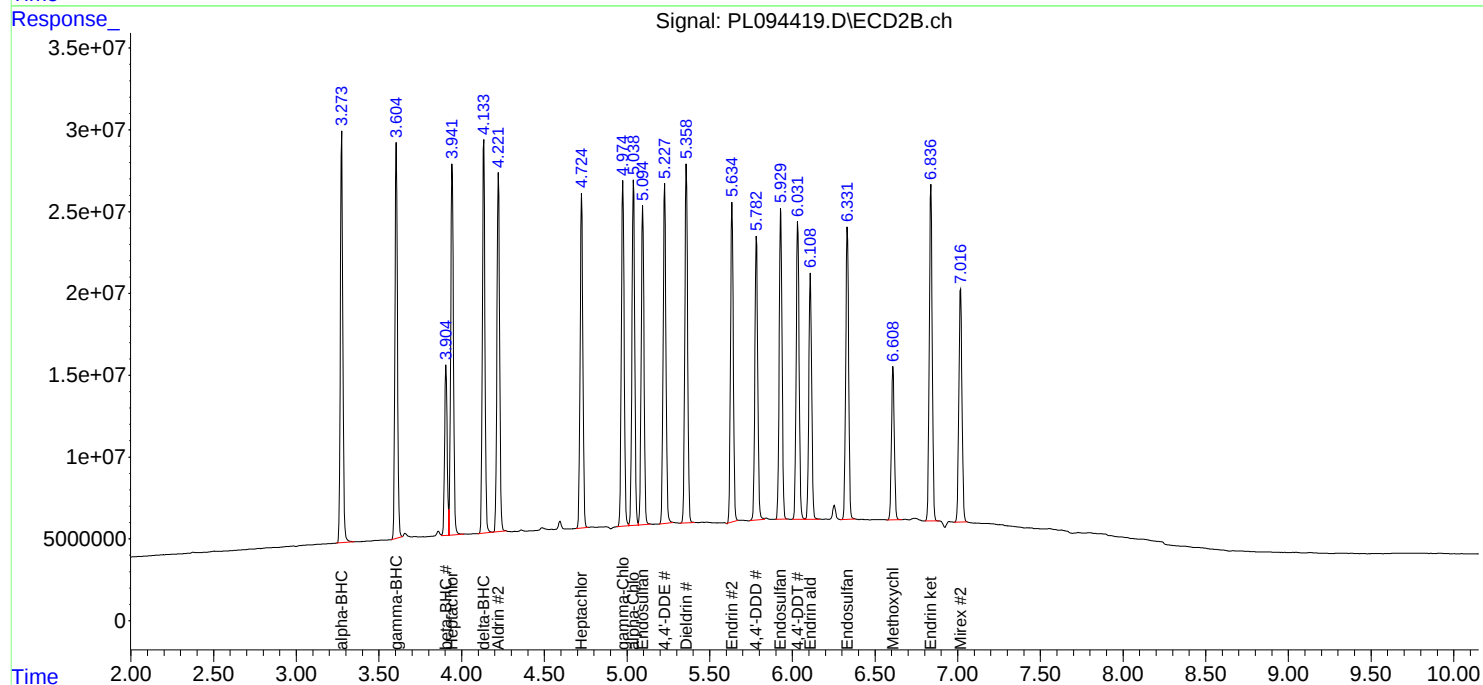
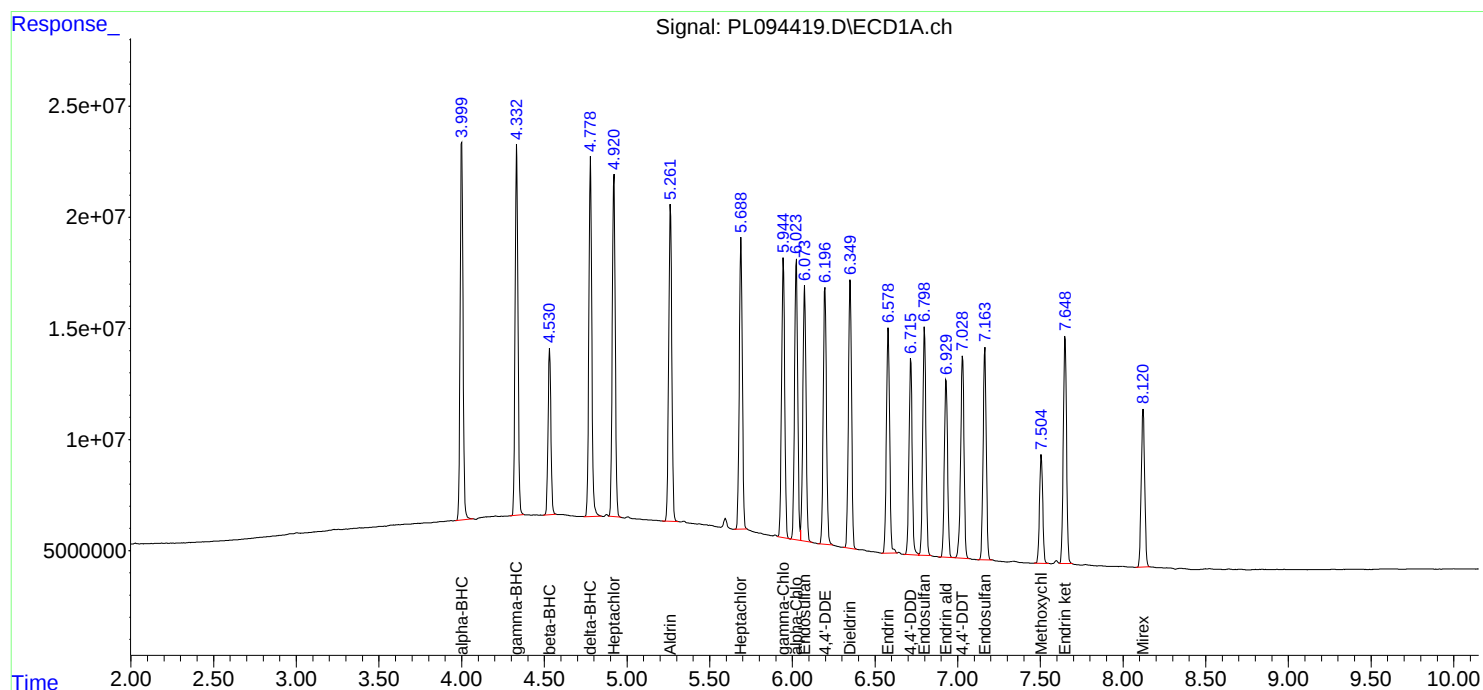
Instrument :
ECD_L
ClientSampleId :
PP24208

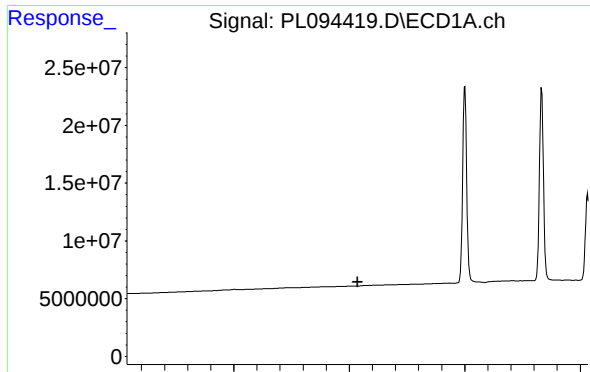
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 22:11:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





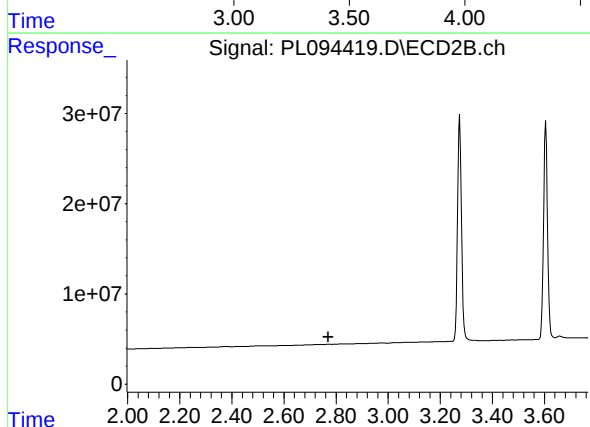
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.535 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PP24208

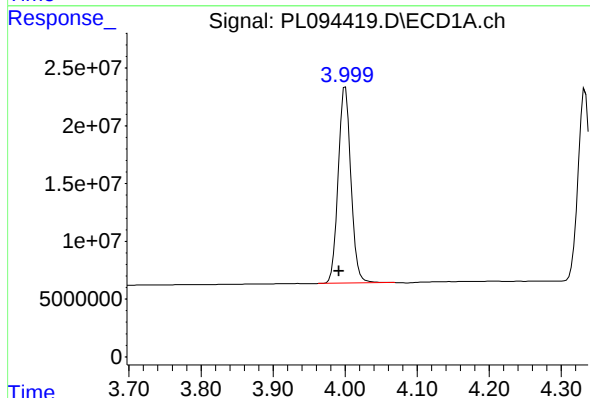
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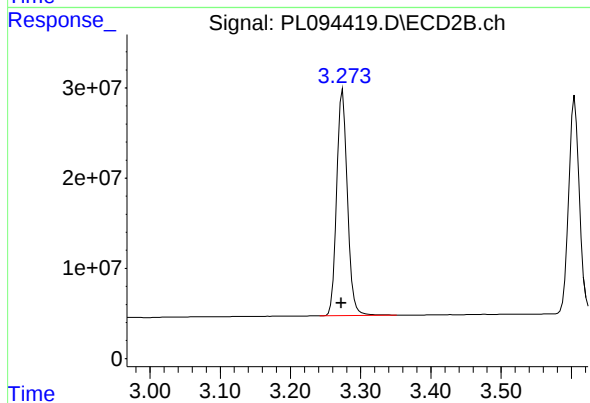
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.770 min
Response: 0
Conc: N.D.



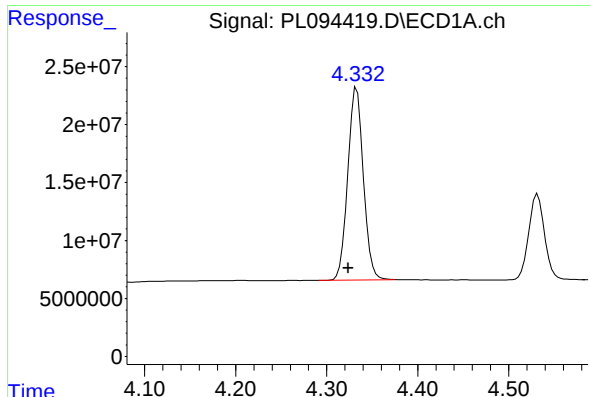
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.009 min
Response: 206941153
Conc: 54.71 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.002 min
Response: 265386861
Conc: 54.00 ng/ml



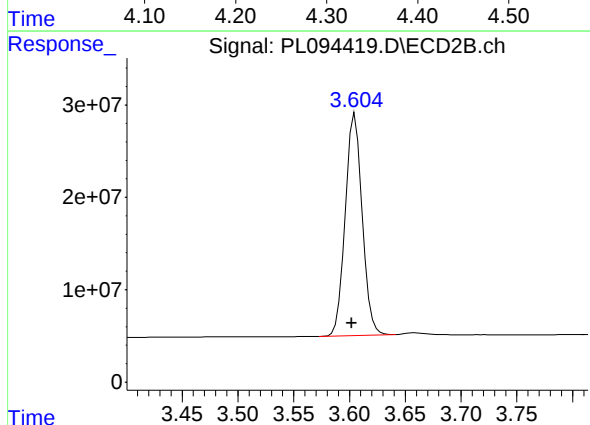
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.009 min
Response: 198559928
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

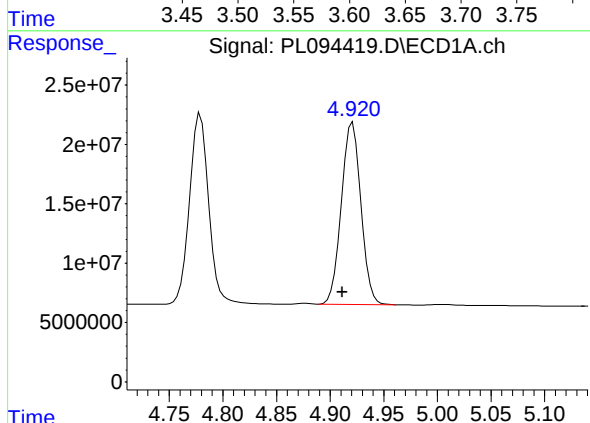
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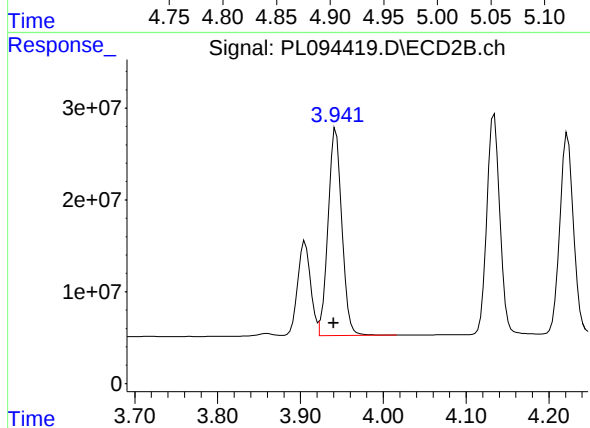
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: 0.003 min
Response: 253143201
Conc: 53.75 ng/ml



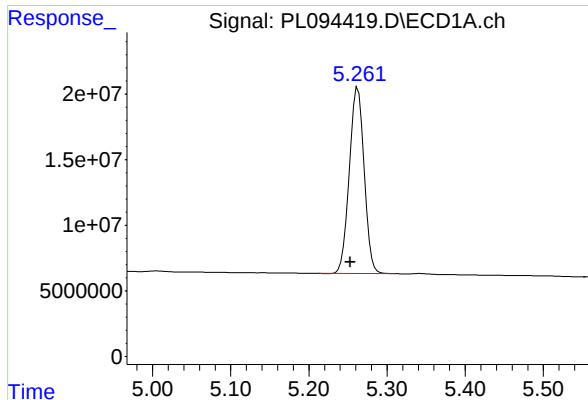
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.009 min
Response: 194442701
Conc: 57.35 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: 0.003 min
Response: 261815822
Conc: 55.47 ng/ml



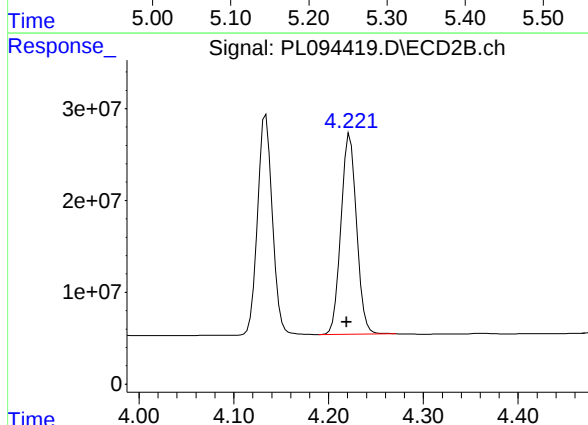
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.010 min
Response: 187078491
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

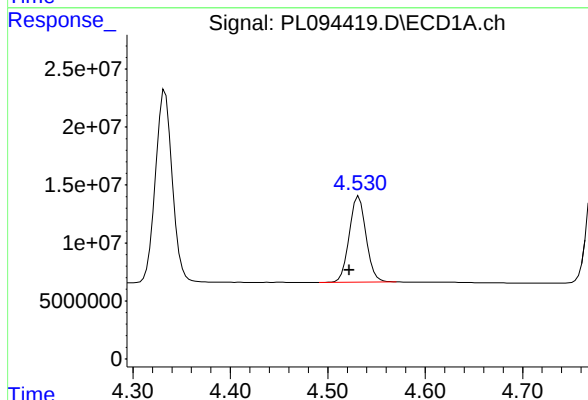
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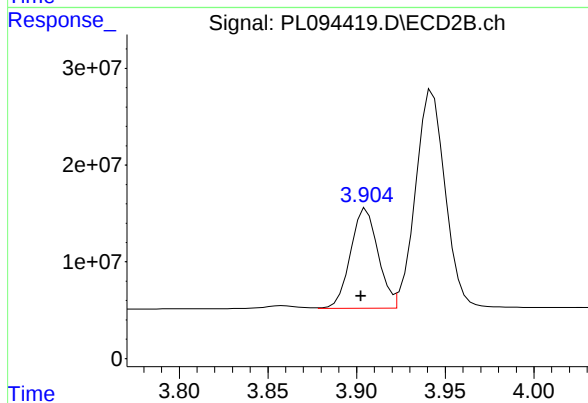
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: 0.003 min
Response: 248063535
Conc: 53.69 ng/ml



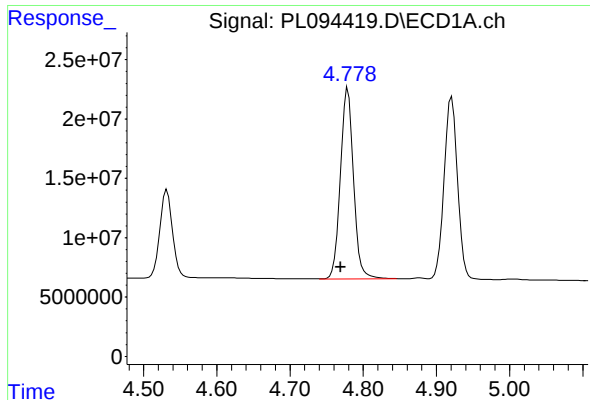
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.010 min
Response: 88472805
Conc: 55.40 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.003 min
Response: 111513379
Conc: 56.07 ng/ml



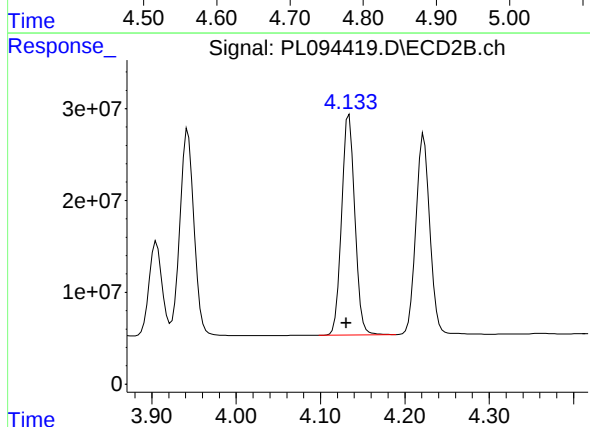
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 200428772
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

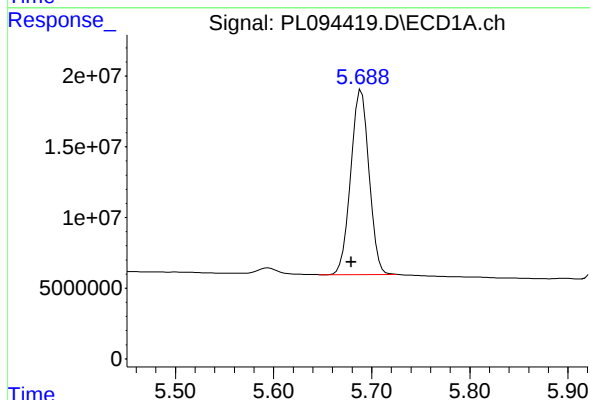
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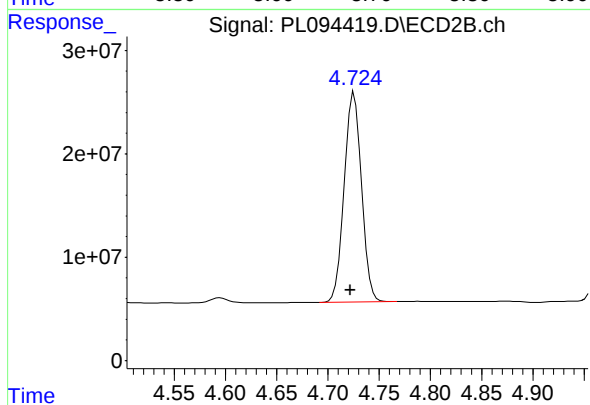
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: 0.004 min
Response: 261570975
Conc: 55.23 ng/ml



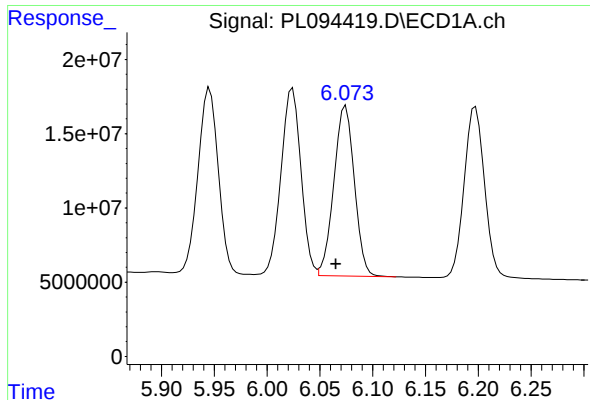
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.010 min
Response: 169096089
Conc: 56.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.004 min
Response: 237483781
Conc: 55.81 ng/ml



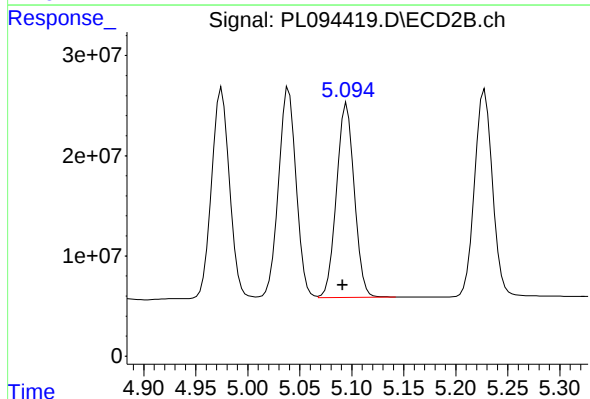
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.009 min
Response: 154270065
Conc: 56.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

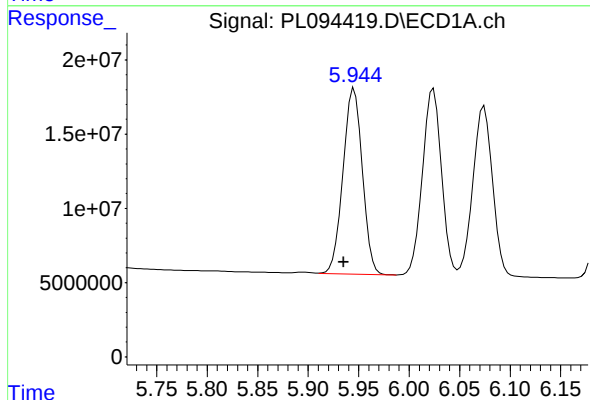
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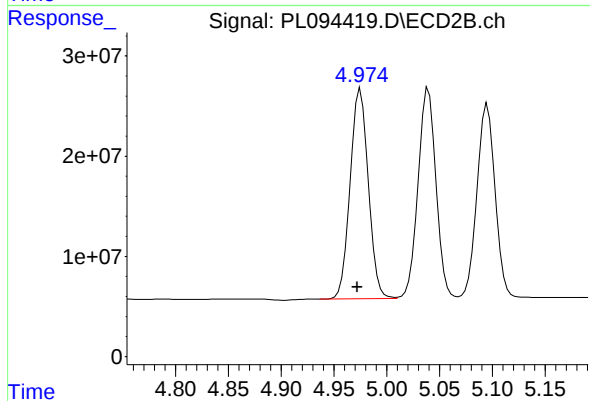
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.004 min
Response: 230779864
Conc: 57.89 ng/ml



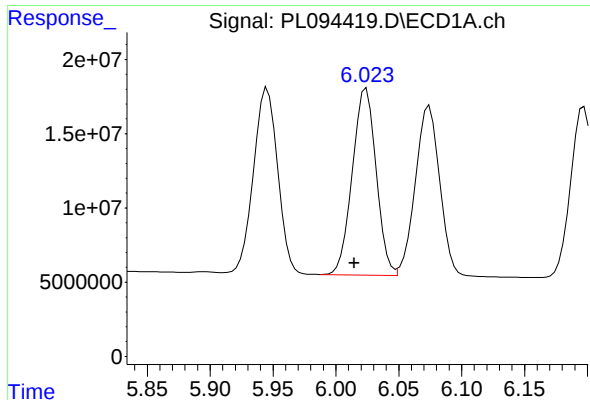
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.010 min
Response: 166792538
Conc: 56.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: 0.003 min
Response: 251064705
Conc: 57.86 ng/ml



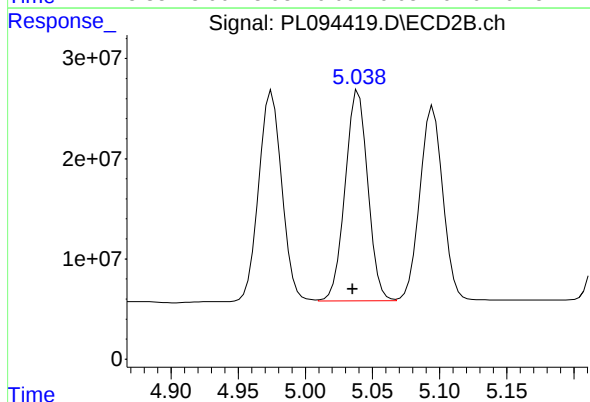
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.010 min
Response: 165518796
Conc: 57.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

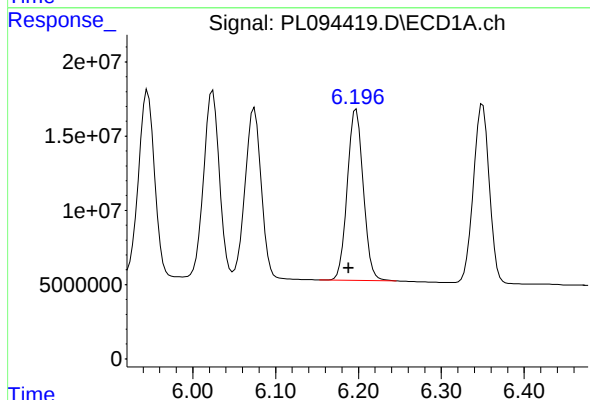
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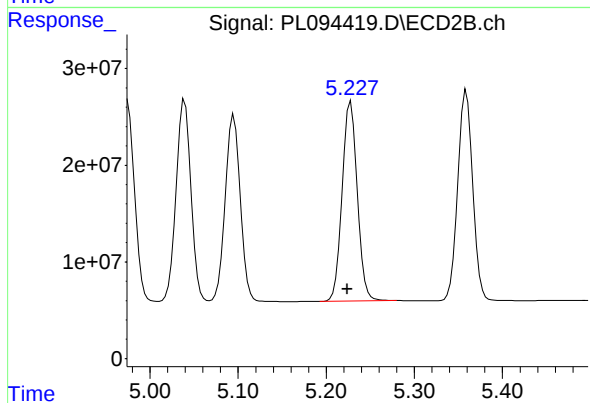
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: 0.004 min
Response: 247398931
Conc: 57.30 ng/ml



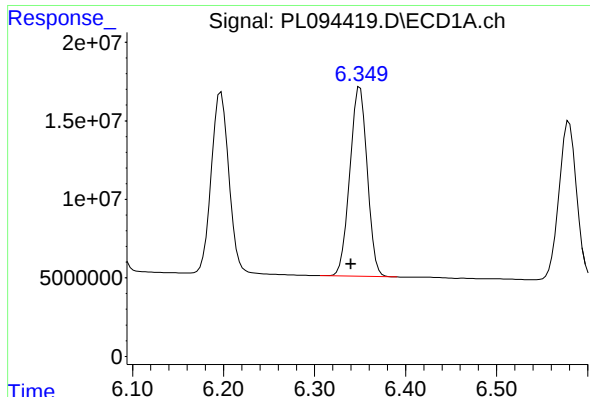
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.009 min
Response: 154817973
Conc: 59.28 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: 0.004 min
Response: 247326790
Conc: 58.89 ng/ml



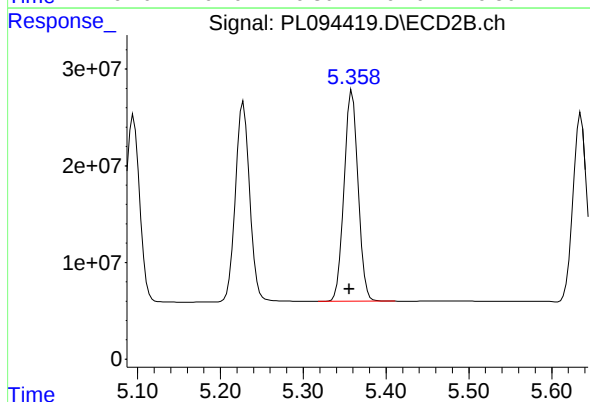
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.010 min
Response: 160917236
Conc: 56.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

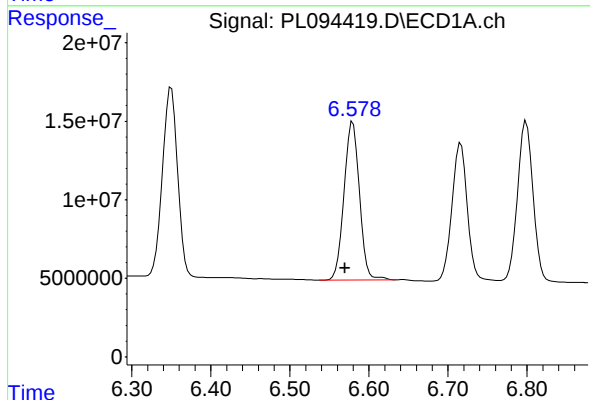
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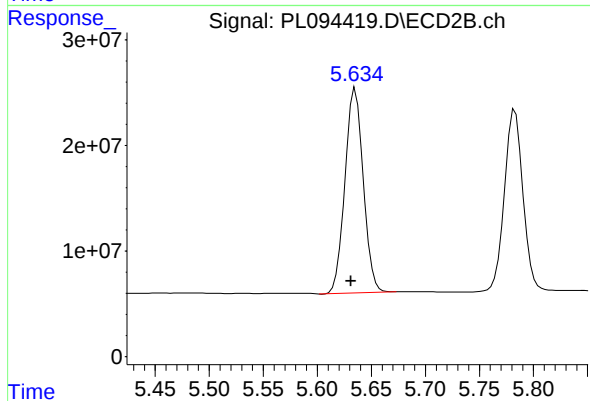
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.003 min
Response: 257003044
Conc: 58.65 ng/ml



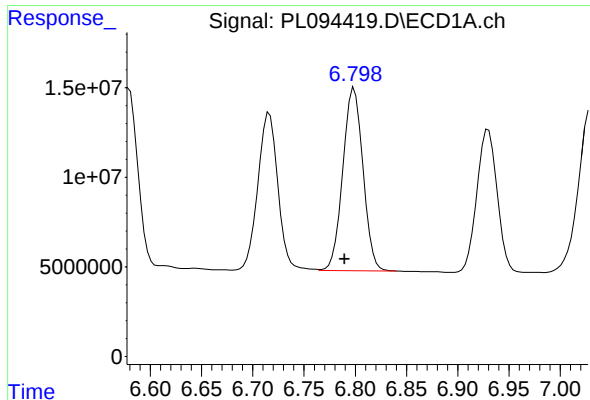
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.010 min
Response: 136781464
Conc: 53.59 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.004 min
Response: 228073276
Conc: 66.99 ng/ml



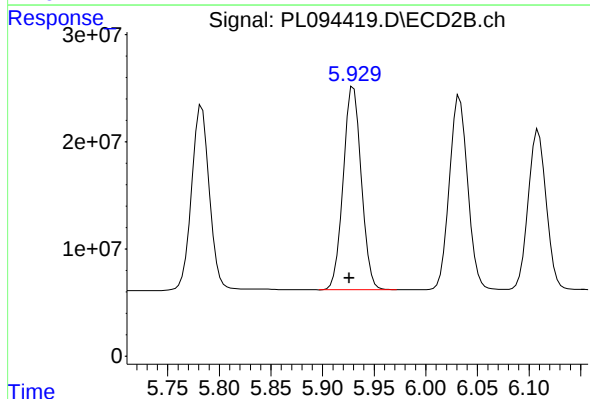
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.009 min
Response: 139366516
Conc: 55.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

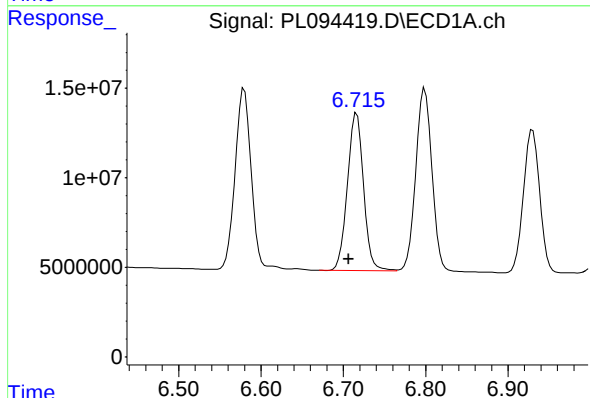
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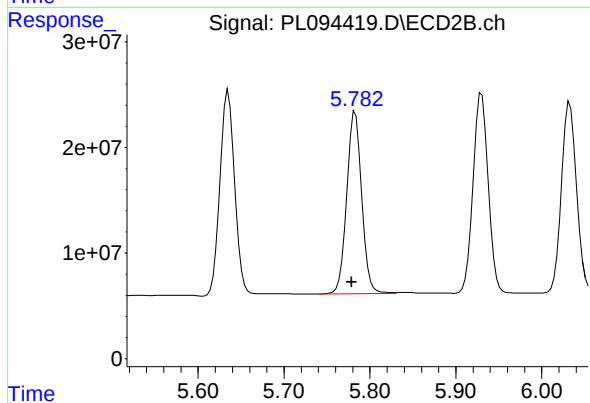
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 230752446
Conc: 61.71 ng/ml



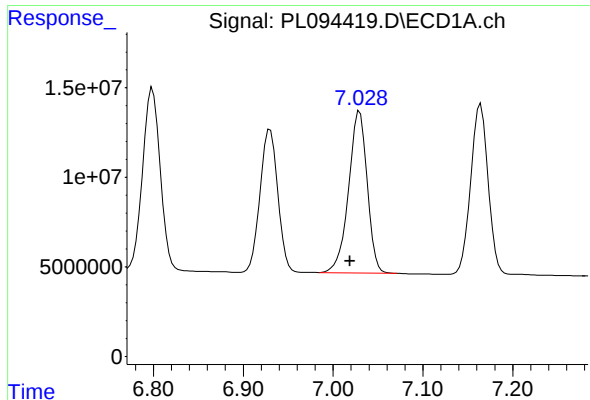
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.010 min
Response: 119671540
Conc: 64.70 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: 0.004 min
Response: 207385645
Conc: 65.11 ng/ml



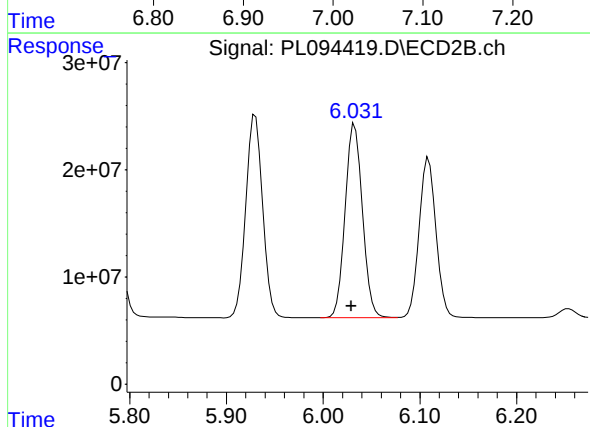
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.011 min
Response: 129898189
Conc: 61.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

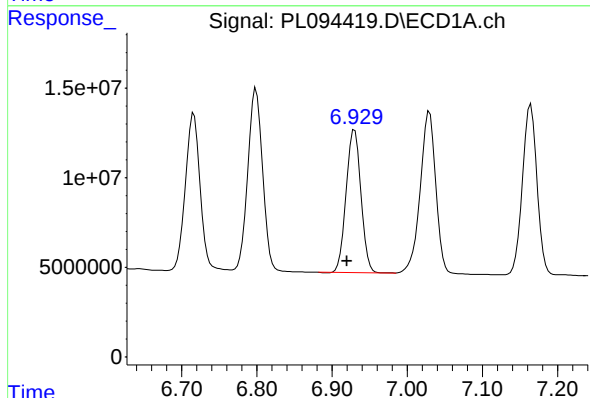
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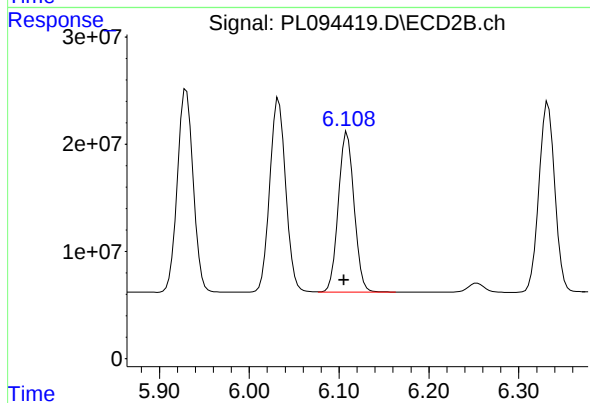
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.004 min
Response: 223508575
Conc: 62.84 ng/ml



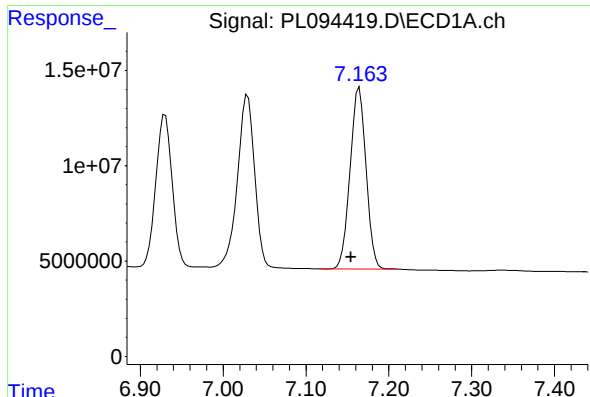
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.010 min
Response: 109256383
Conc: 56.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 182055554
Conc: 57.60 ng/ml



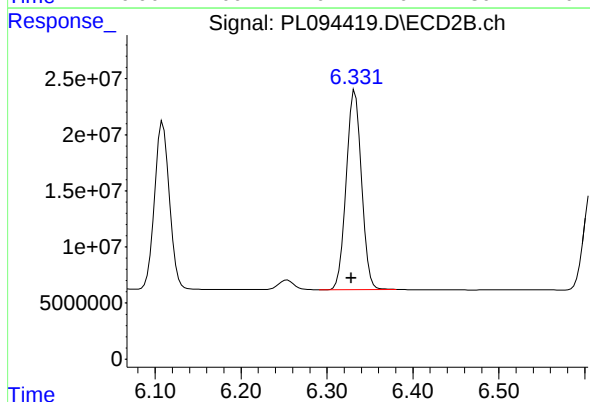
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.010 min
Response: 127332752
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

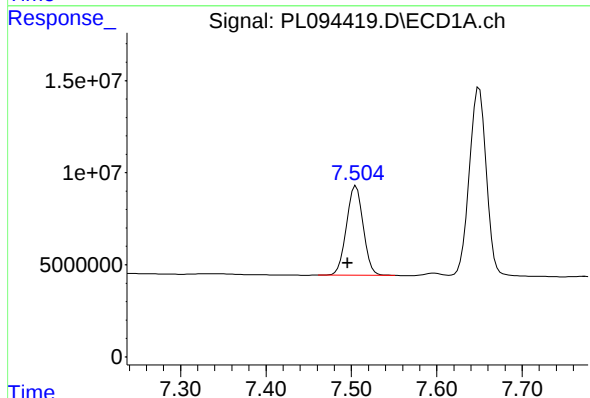
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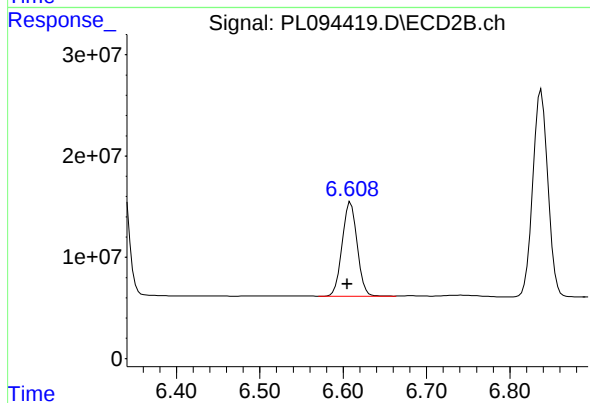
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.004 min
Response: 218392721
Conc: 59.13 ng/ml



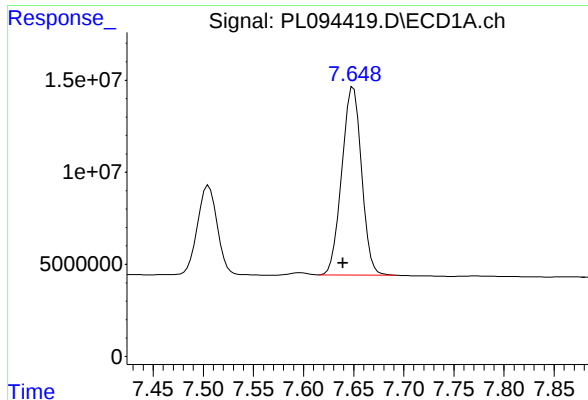
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.010 min
Response: 66391026
Conc: 59.76 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.004 min
Response: 115810186
Conc: 59.36 ng/ml



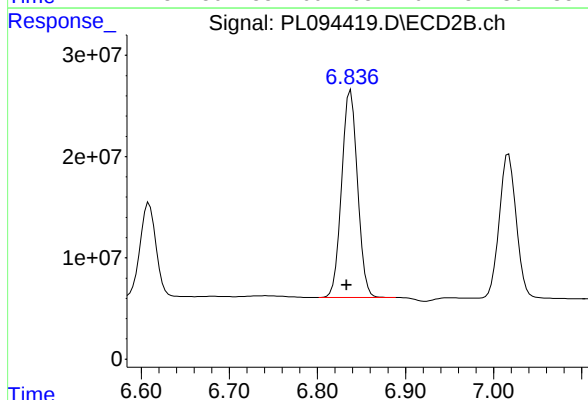
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.010 min
Response: 140053752
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PP24208

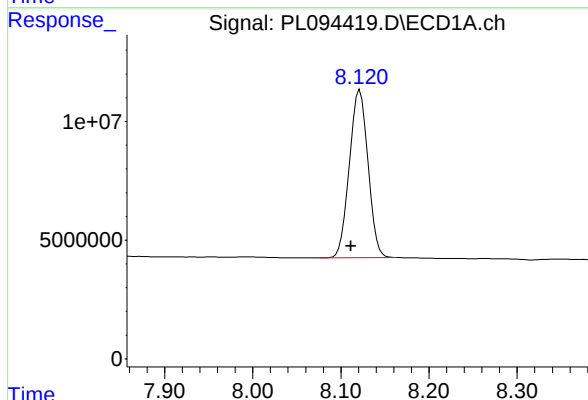
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Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



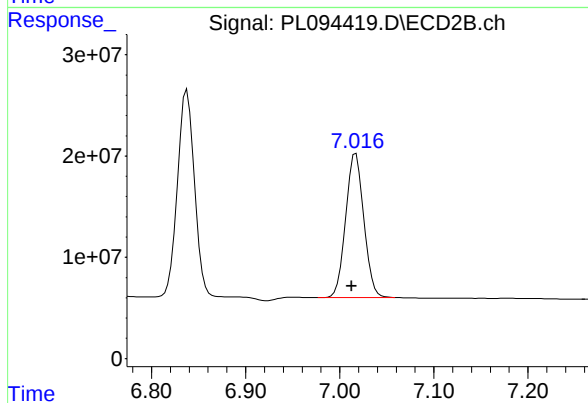
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.004 min
Response: 256437391
Conc: 60.09 ng/ml



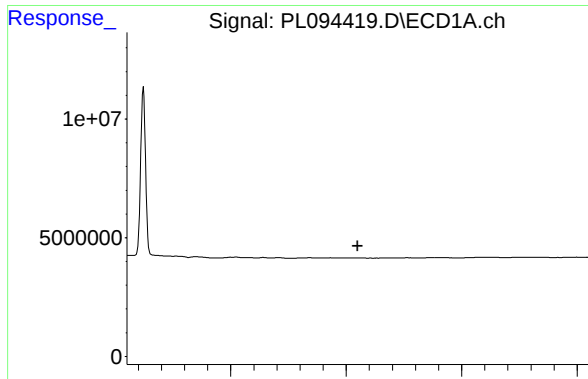
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.010 min
Response: 104079570
Conc: 50.44 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.004 min
Response: 190589023
Conc: 54.66 ng/ml



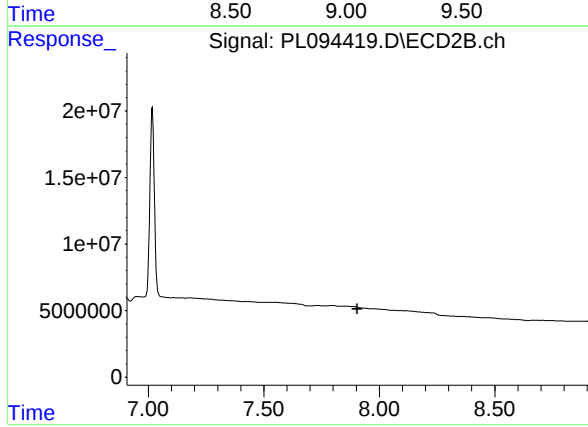
#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 9.049 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PP24208

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/02/2025
Supervised By :Sohil Jodhani 03/03/2025



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T.: 7.904 min
Response: 0
Conc: N.D.