

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
 Data File : PL094477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2025 13:30
 Operator : AR\AJ
 Sample : PB166956BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166956BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/05/2025
 Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 01:29:18 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

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.770	51334208	60801993	20.217	19.053
28) SA Decachlor...	9.051	7.904	46264805	82201289	21.748	21.375
Target Compounds						
2) A alpha-BHC	3.993	3.273	180.4E6	239.2E6	47.687	48.670
3) MA gamma-BHC...	4.325	3.603	174.1E6	228.3E6	47.115	48.462
4) MA Heptachlor	4.914	3.940	172.1E6	240.1E6	50.771	50.866
5) MB Aldrin	5.255	4.220	163.8E6	224.0E6	47.729	48.484
6) B beta-BHC	4.524	3.903	78820335	99622726	49.358	50.089
7) B delta-BHC	4.770	4.131	170.4E6	225.4E6	48.160m	47.588
8) B Heptachlo...	5.681	4.722	151.5E6	215.1E6	50.266	50.558
9) A Endosulfan I	6.067	5.092	140.0E6	205.7E6	50.943	51.600
10) B gamma-Chl...	5.937	4.972	150.2E6	224.2E6	51.168	51.666
11) B alpha-Chl...	6.016	5.035	149.3E6	221.5E6	51.530	51.300
12) B 4,4'-DDE	6.190	5.224	137.3E6	218.2E6	52.574	51.948
13) MA Dieldrin	6.341	5.356	145.9E6	227.1E6	51.207	51.832
14) MA Endrin	6.570	5.631	125.5E6	206.9E6	49.155m	60.756
15) B Endosulfa...	6.792	5.926	131.2E6	205.6E6	52.131	54.979
16) A 4,4'-DDD	6.708	5.779	100.8E6	174.1E6	54.511	54.660
17) MA 4,4'-DDT	7.021	6.030	114.3E6	199.7E6	54.433	56.136
18) B Endrin al...	6.922	6.106	95918784	161.2E6	49.270	51.011
19) B Endosulfa...	7.156	6.329	114.1E6	198.1E6	50.403	53.638
20) A Methoxychlor	7.497	6.605	58481360	105.2E6	52.637	53.907
21) B Endrin ke...	7.641	6.834	125.7E6	230.5E6	50.156	54.013
22) Mirex	8.113	7.013	96871967	173.8E6	46.950	49.840

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030425\
Data File : PL094477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Mar 2025 13:30
Operator : AR\AJ
Sample : PB166956BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166956BS

Manual Integrations

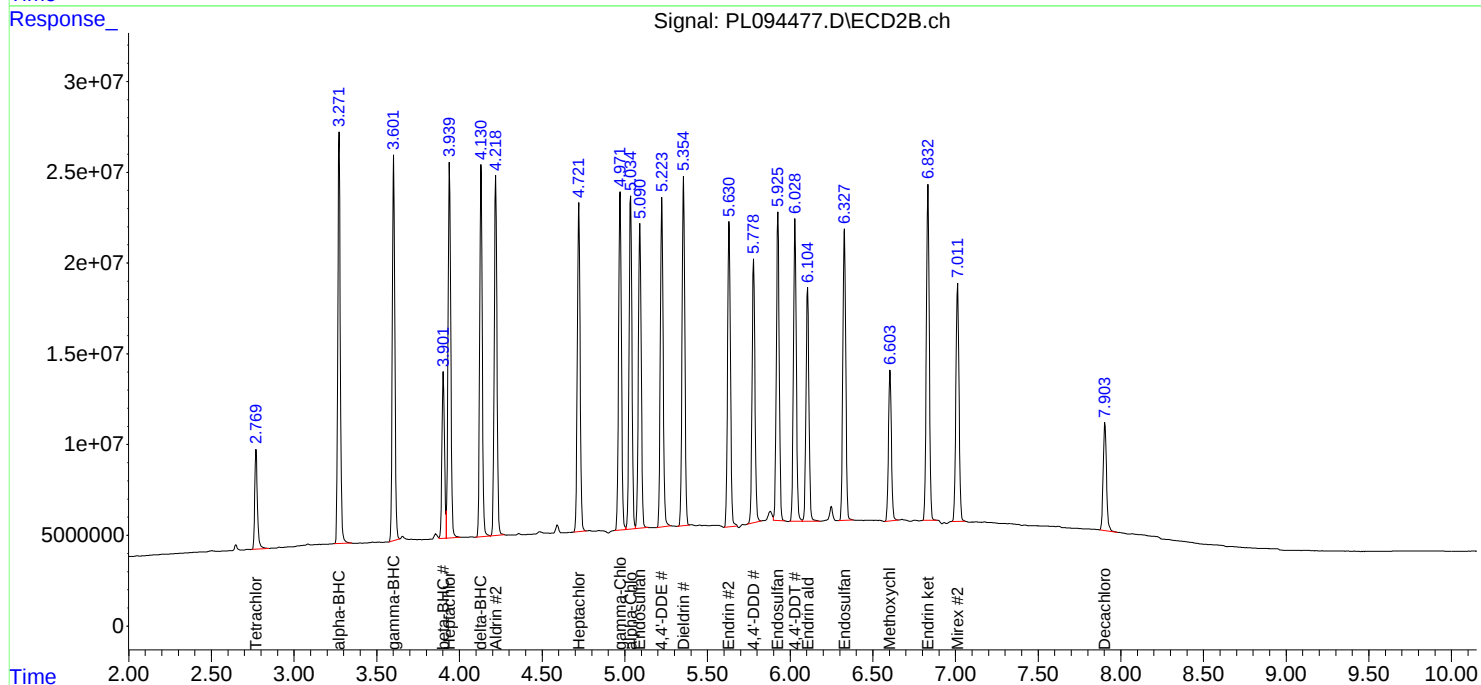
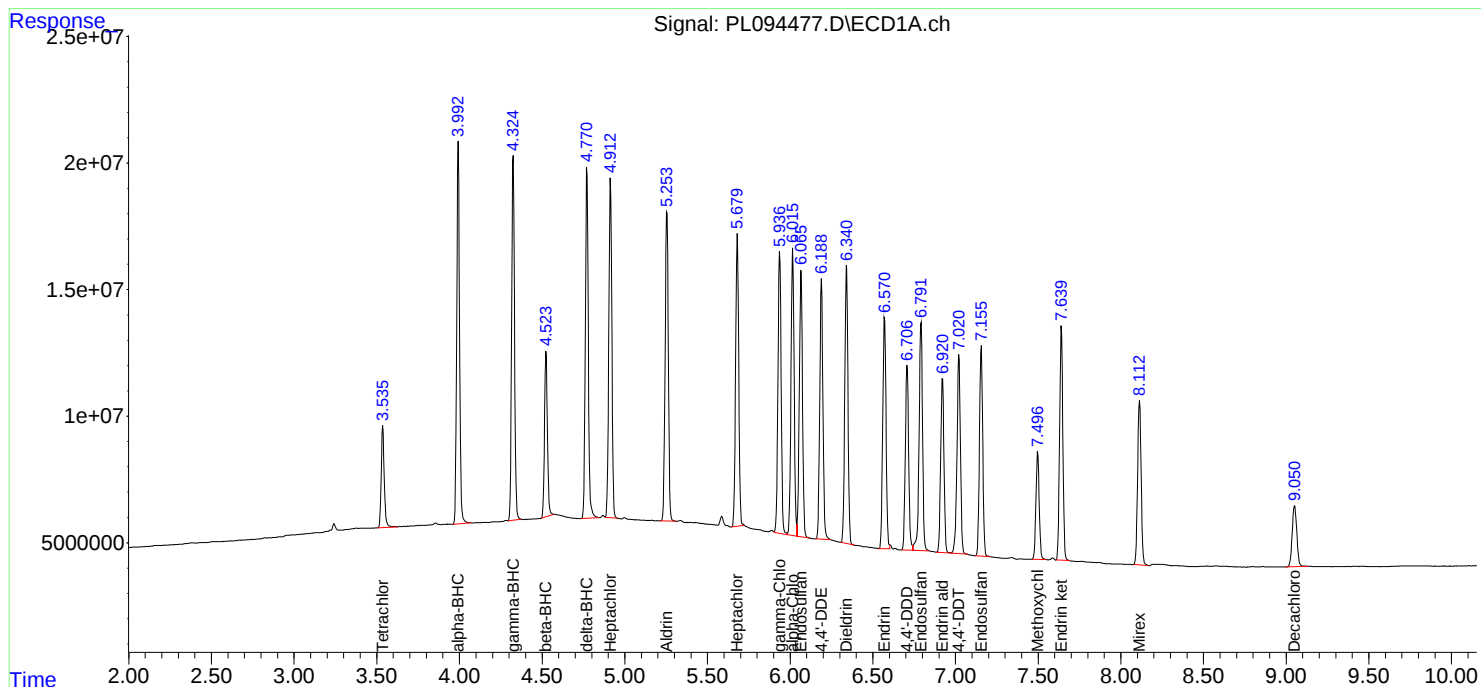
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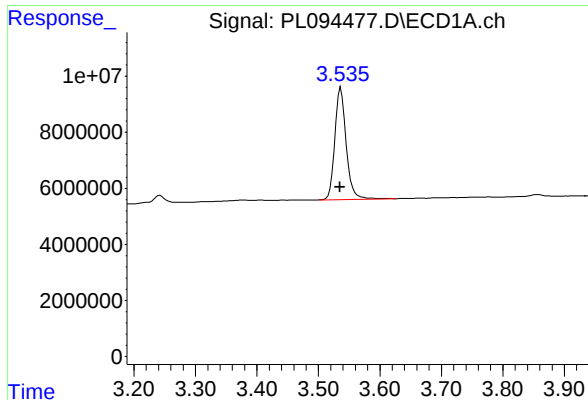
Reviewed By :Abdul Mirza 03/05/2025

Supervised By :Ankita Jodhani 03/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 05 01:29:18 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





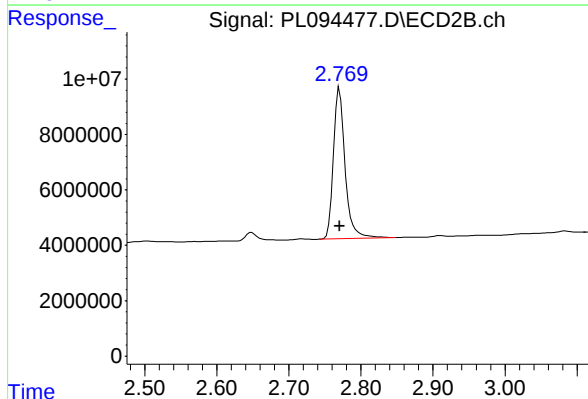
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51334208
Conc: 20.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

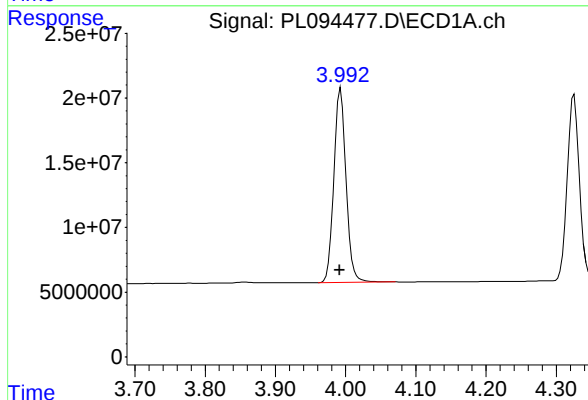
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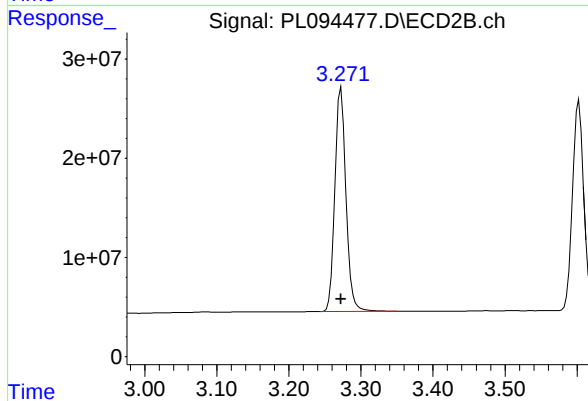
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: 0.000 min
Response: 60801993
Conc: 19.05 ng/ml



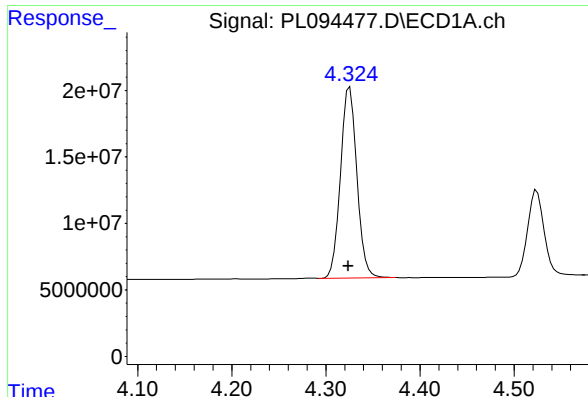
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 180384303
Conc: 47.69 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 239204253
Conc: 48.67 ng/ml



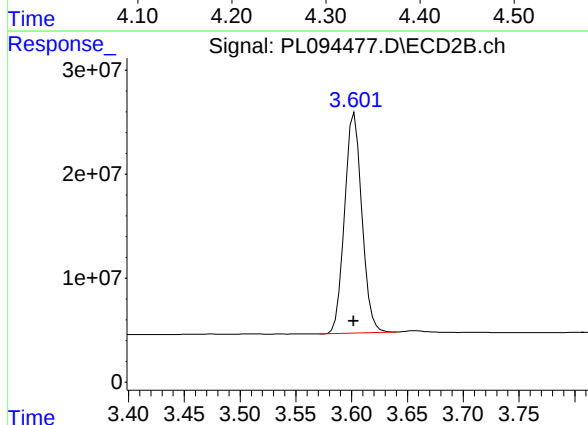
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.002 min
Response: 174077157
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

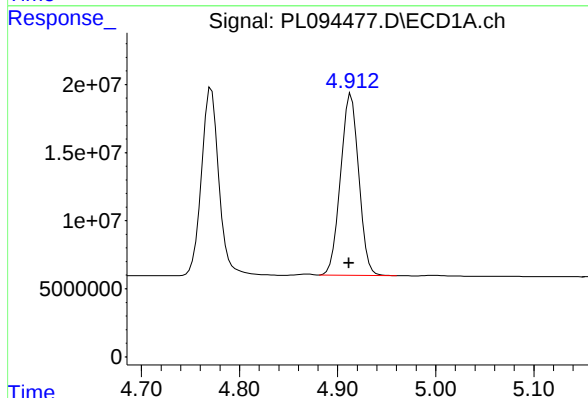
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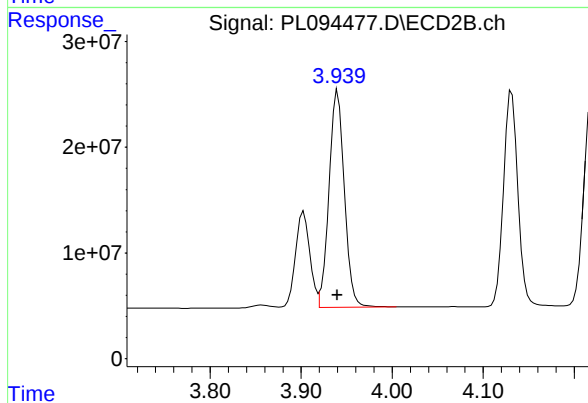
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 228252841
Conc: 48.46 ng/ml



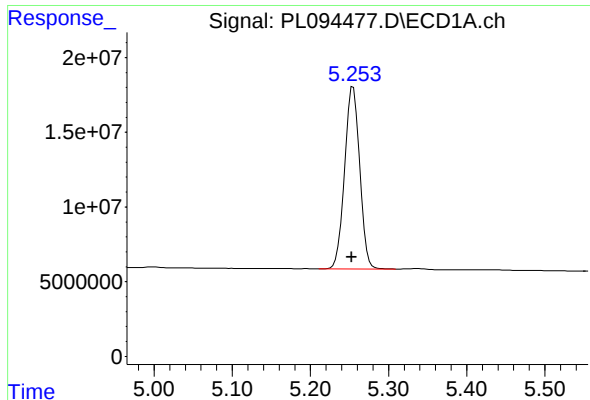
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 172131224
Conc: 50.77 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 240103171
Conc: 50.87 ng/ml



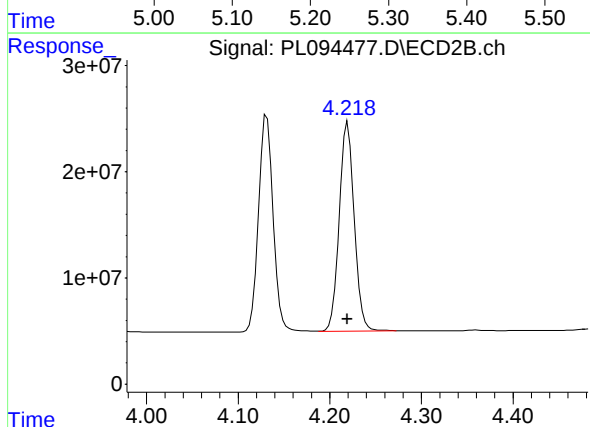
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 163795393
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

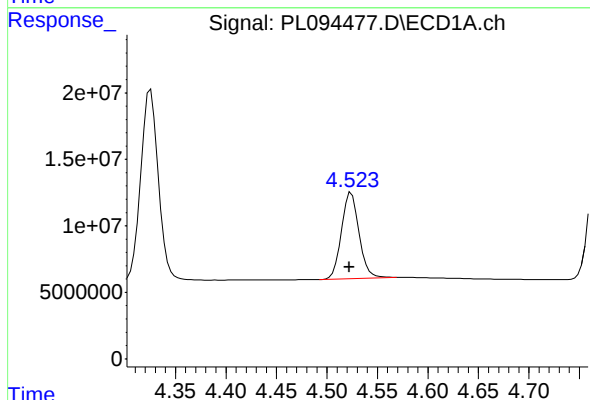
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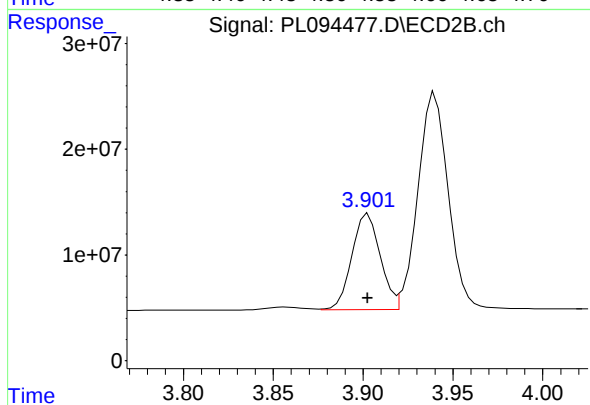
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 224014425
Conc: 48.48 ng/ml



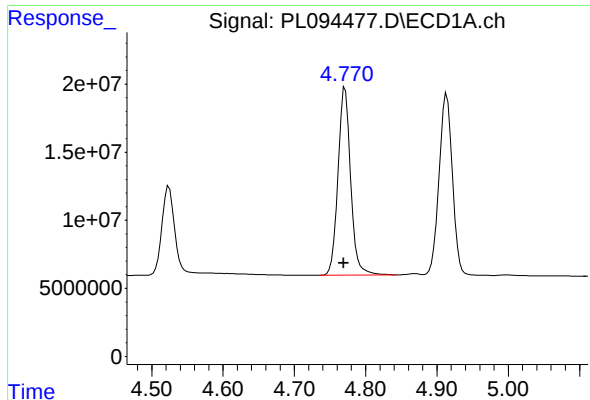
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 78820335
Conc: 49.36 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: 0.000 min
Response: 99622726
Conc: 50.09 ng/ml



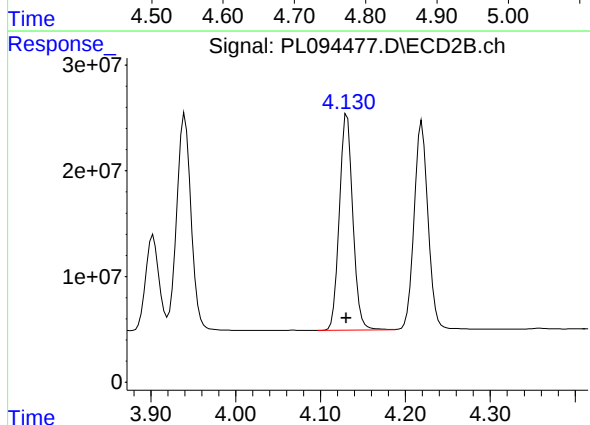
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 170402480
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

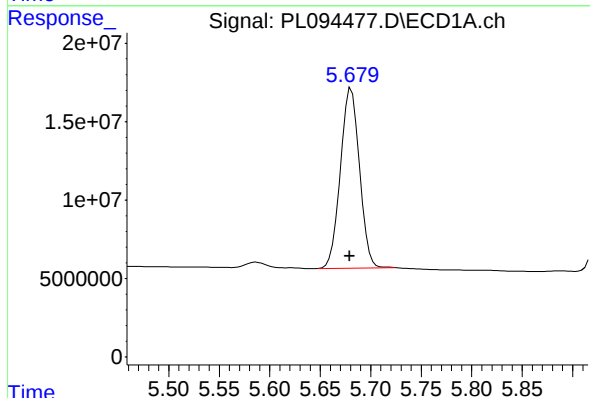
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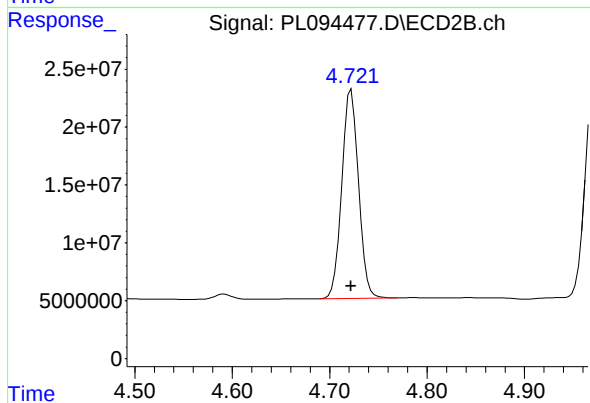
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: 0.000 min
Response: 225363315
Conc: 47.59 ng/ml



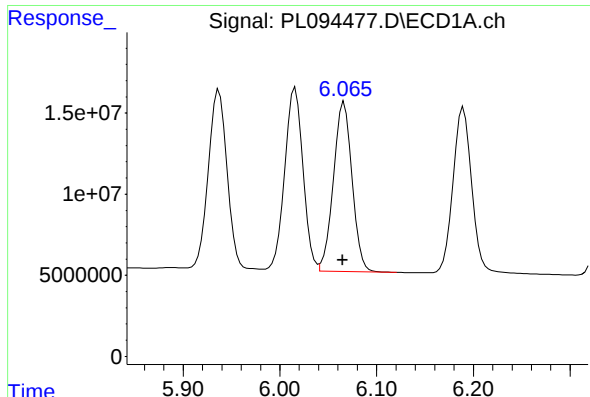
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 151470214
Conc: 50.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 215143759
Conc: 50.56 ng/ml



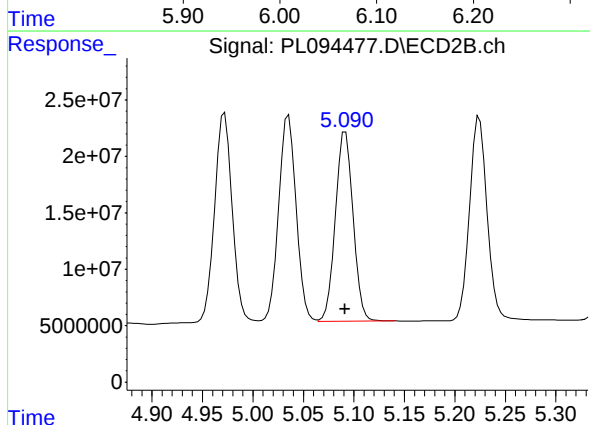
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 140023545
Conc: 50.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

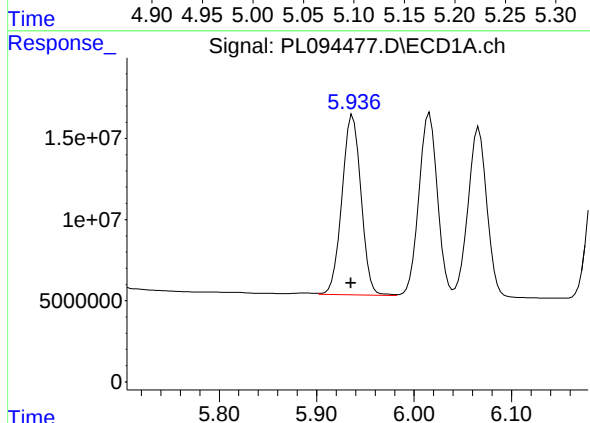
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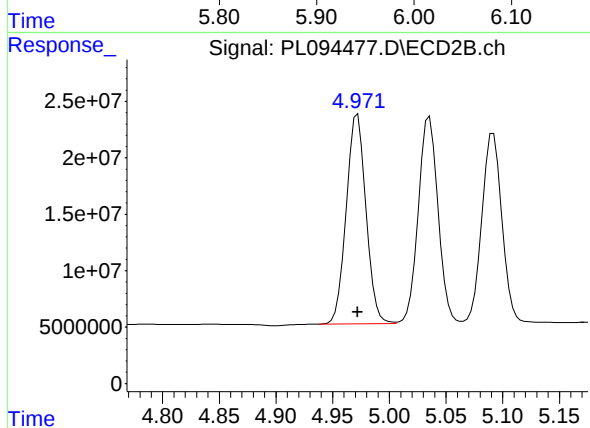
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 205708619
Conc: 51.60 ng/ml



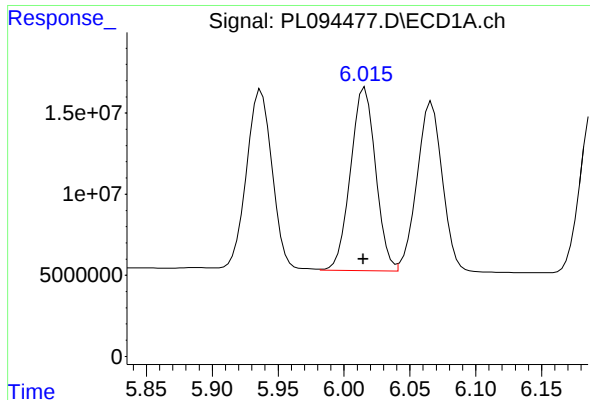
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 150234880
Conc: 51.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 224169875
Conc: 51.67 ng/ml



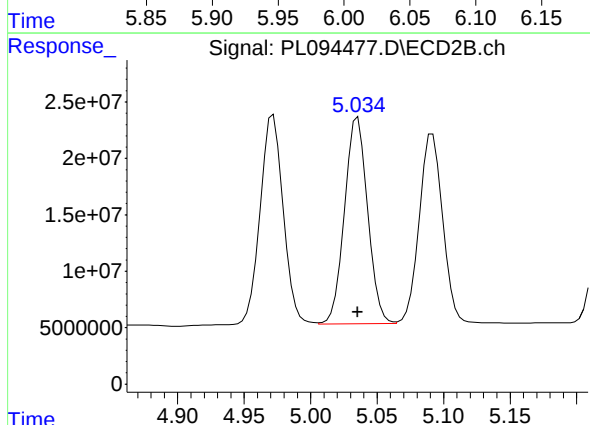
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 149286807
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

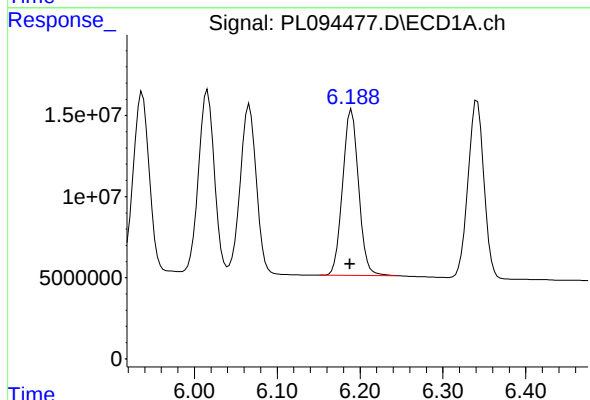
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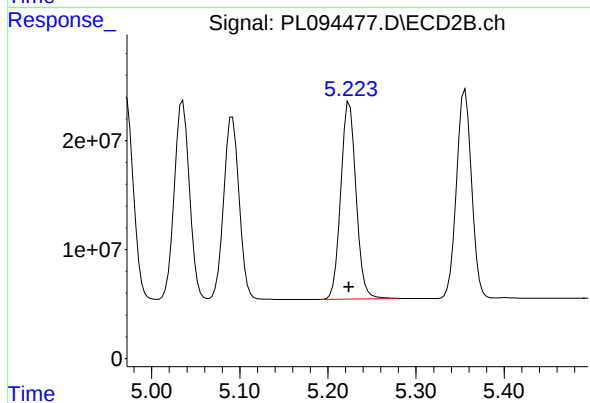
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 221494452
Conc: 51.30 ng/ml



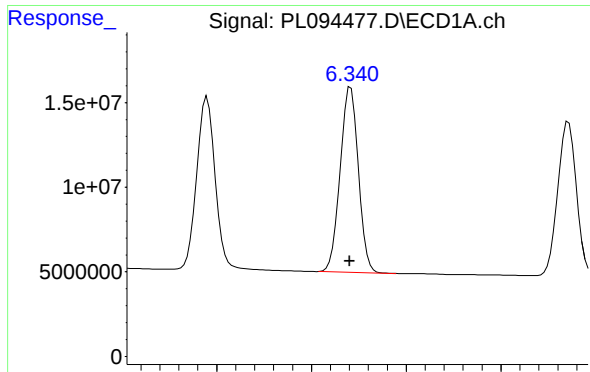
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 137307603
Conc: 52.57 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 218181405
Conc: 51.95 ng/ml



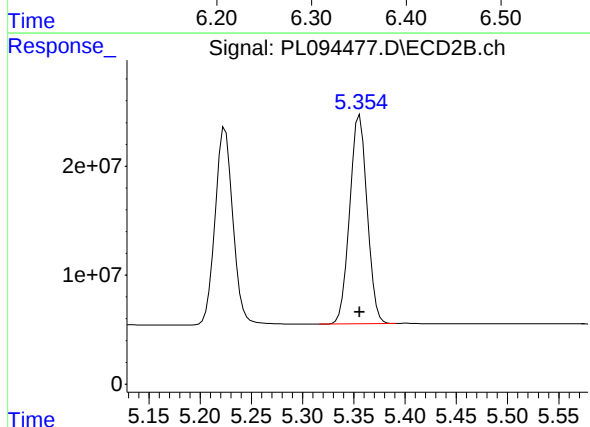
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.001 min
Response: 145890795
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

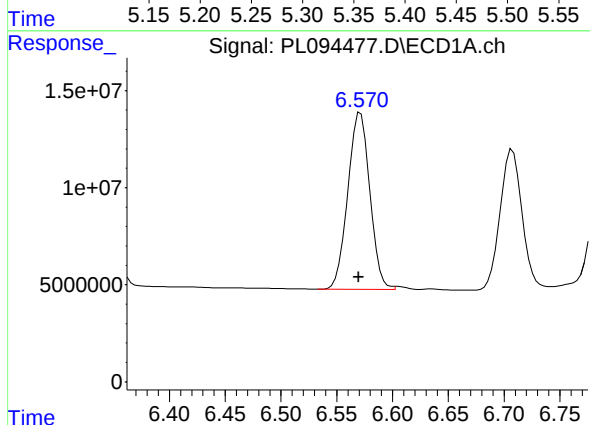
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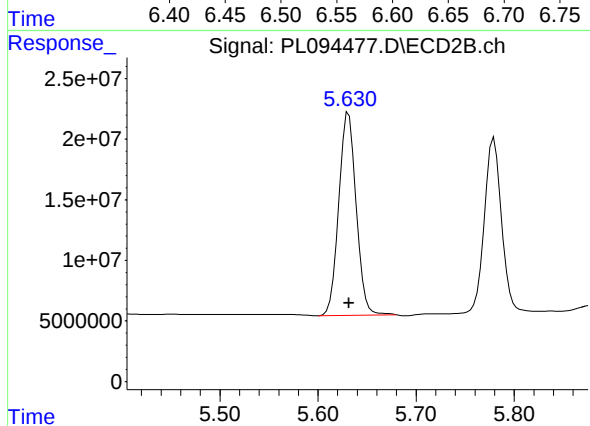
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 227114682
Conc: 51.83 ng/ml



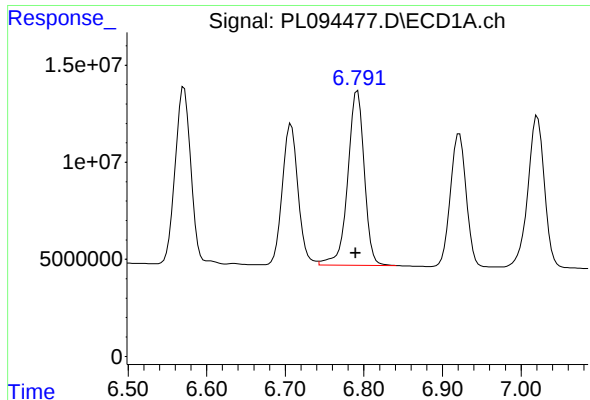
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 125456838
Conc: 49.15 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 206857602
Conc: 60.76 ng/ml



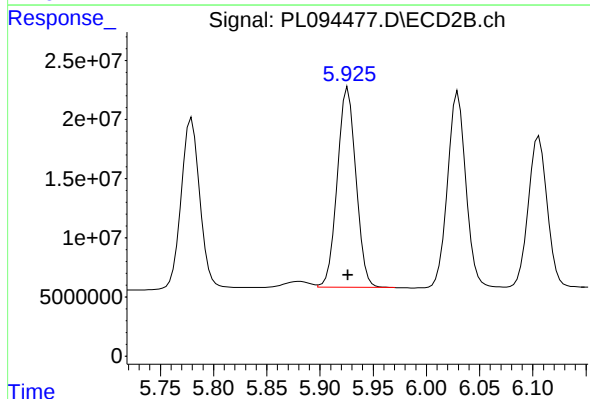
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 131226679
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

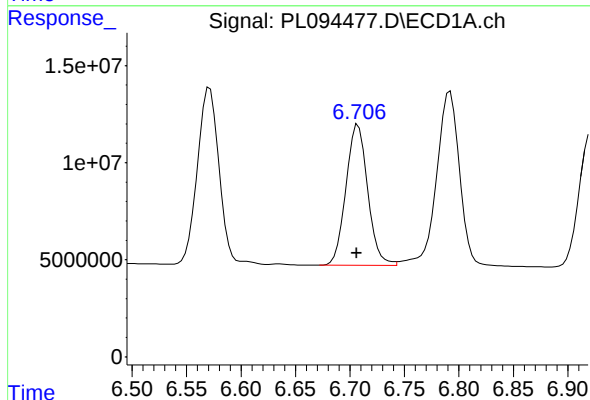
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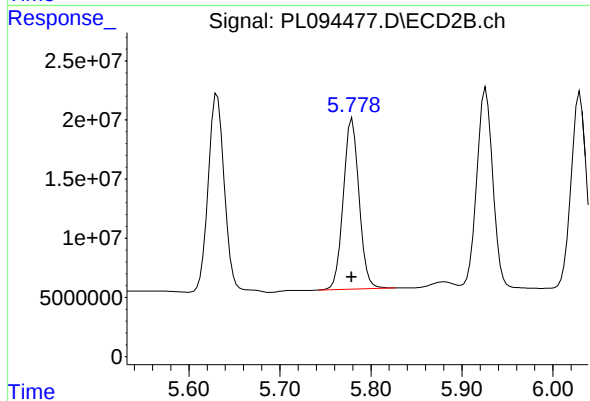
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 205595012
Conc: 54.98 ng/ml



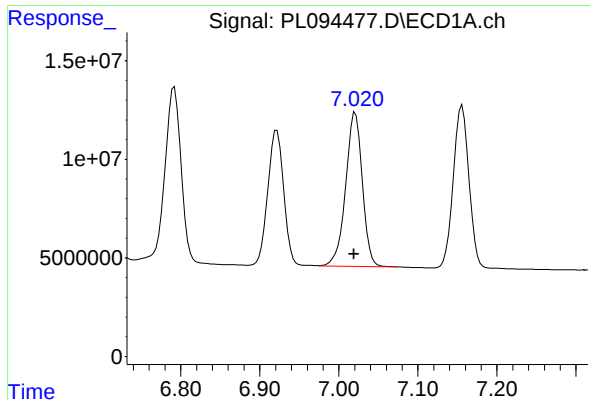
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.001 min
Response: 100832697
Conc: 54.51 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 174110802
Conc: 54.66 ng/ml



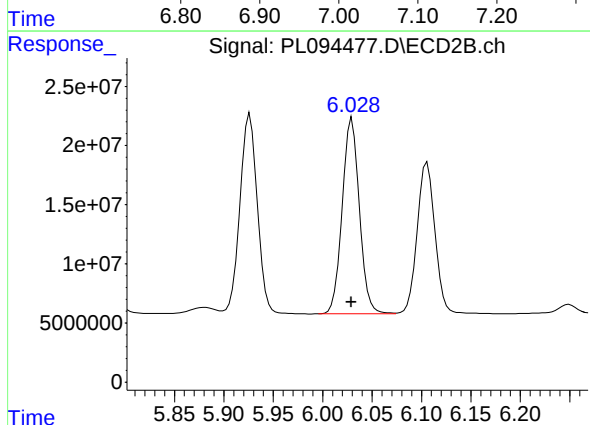
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 114311331
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

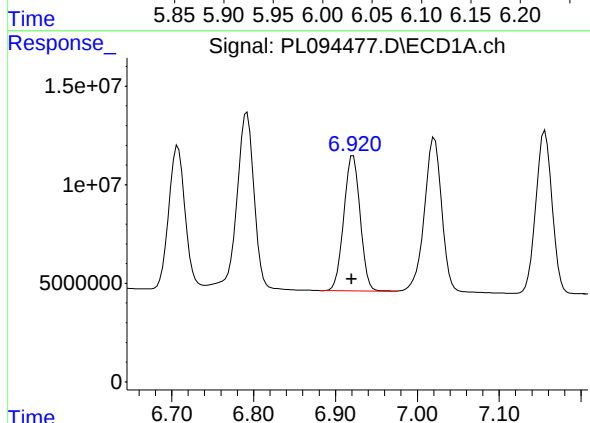
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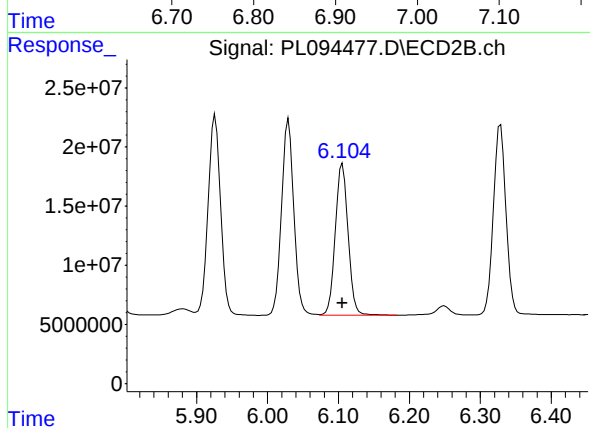
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 199675531
Conc: 56.14 ng/ml



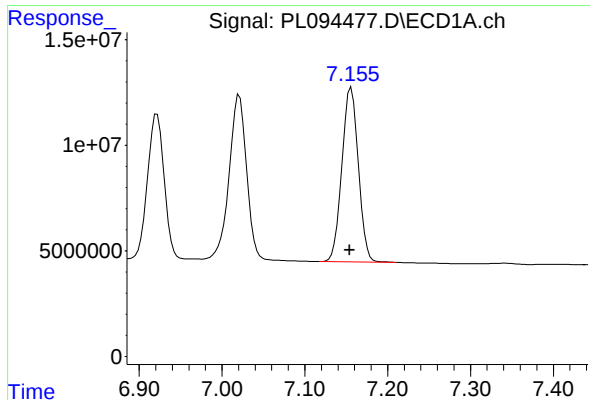
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 95918784
Conc: 49.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 161218018
Conc: 51.01 ng/ml



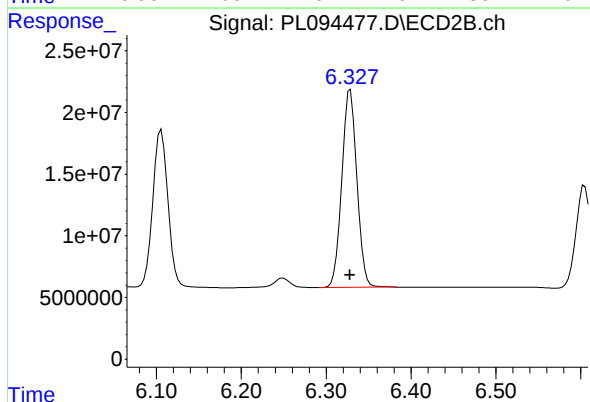
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.002 min
Response: 114105346
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

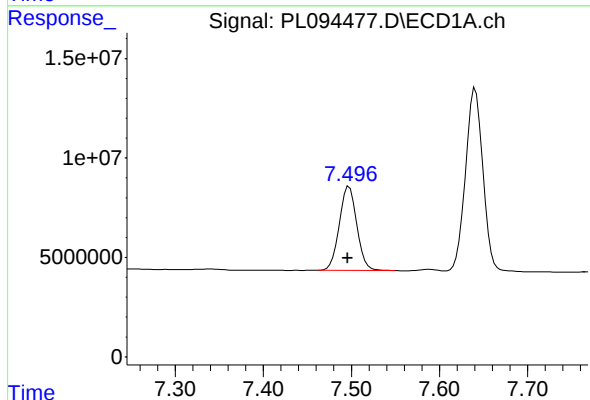
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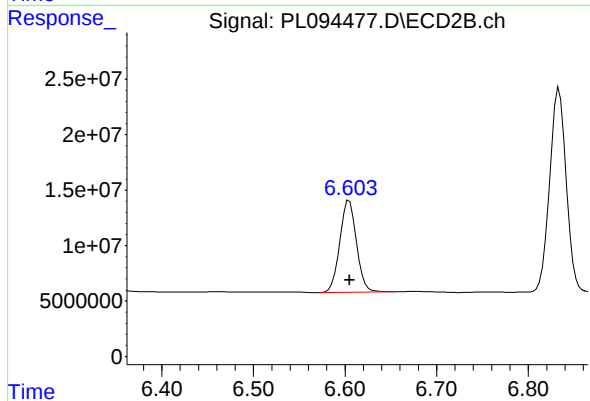
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 198118662
Conc: 53.64 ng/ml



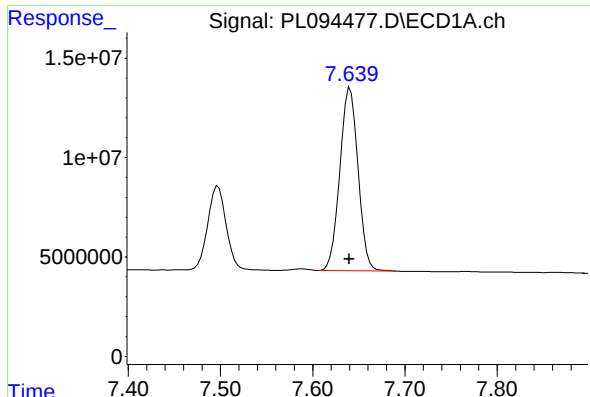
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.002 min
Response: 58481360
Conc: 52.64 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 105173895
Conc: 53.91 ng/ml



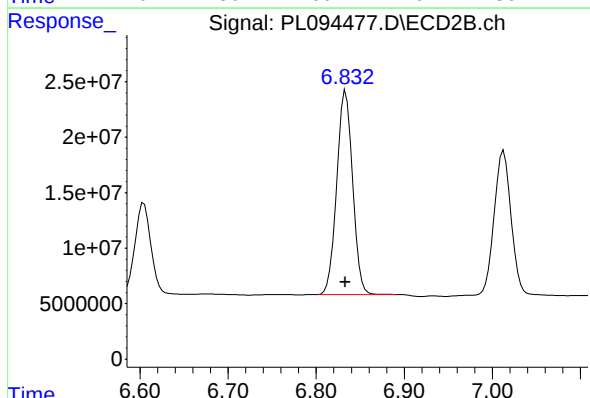
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.001 min
Response: 125736021
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

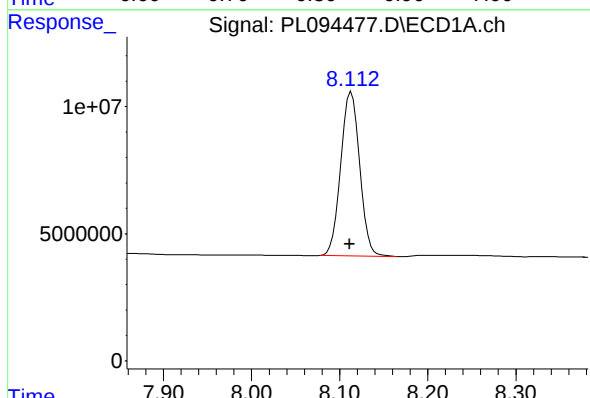
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/05/2025
Supervised By :Ankita Jodhani 03/05/2025



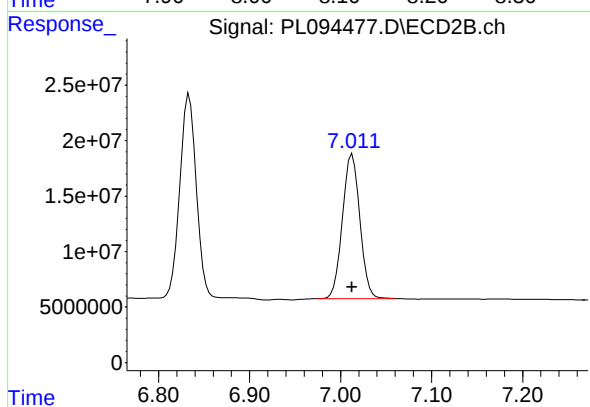
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 230503265
Conc: 54.01 ng/ml



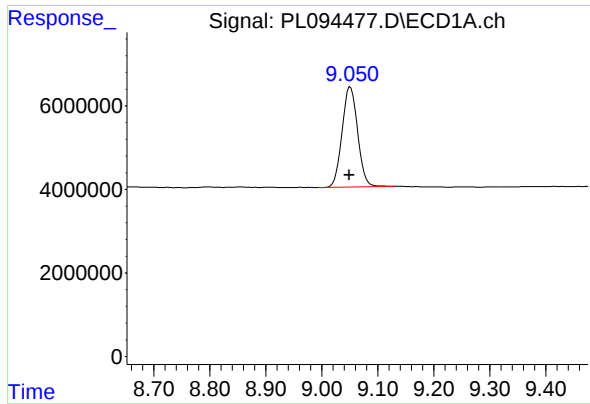
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.002 min
Response: 96871967
Conc: 46.95 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 173794920
Conc: 49.84 ng/ml



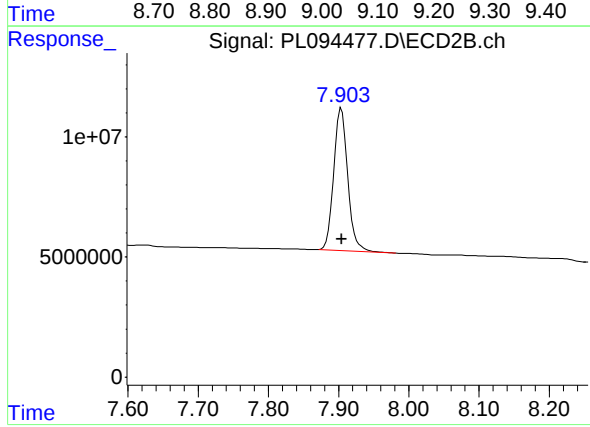
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 46264805
Conc: 21.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166956BS

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 82201289
Conc: 21.38 ng/ml