

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
 Data File : PL094242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2025 11:27
 Operator : AR\AJ
 Sample : PB166712BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166712BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/19/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 19 00:29:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.545	2.773	55514267	66603764	20.616	20.405
28) SA Decachlor...	9.062	7.910	50340389	82502235	24.064	23.545
Target Compounds						
2) A alpha-BHC	4.001	3.275	174.4E6	236.1E6	45.492	48.289
3) MA gamma-BHC...	4.334	3.606	165.8E6	224.6E6	45.019	47.381
4) MA Heptachlor	4.922	3.944	161.1E6	226.8E6	49.148	48.720
5) MB Aldrin	5.263	4.223	154.3E6	218.0E6	47.151	47.786
6) B beta-BHC	4.533	3.906	75302633	99018791	46.850	49.573
7) B delta-BHC	4.779	4.134	162.2E6	220.0E6	46.270	46.295
8) B Heptachlo...	5.690	4.726	139.7E6	207.4E6	46.987	49.617
9) A Endosulfan I	6.075	5.096	127.9E6	198.4E6	48.390	51.175
10) B gamma-Chl...	5.946	4.976	138.4E6	217.5E6	49.663	51.335
11) B alpha-Chl...	6.025	5.040	136.6E6	214.1E6	48.983	51.128
12) B 4,4'-DDE	6.199	5.228	126.3E6	211.8E6	51.878	52.827
13) MA Dieldrin	6.350	5.360	133.7E6	218.7E6	48.173	50.903
14) MA Endrin	6.578	5.636	105.5E6	178.3E6	44.988m	48.276
15) B Endosulfa...	6.800	5.931	117.9E6	196.5E6	48.933	53.040
16) A 4,4'-DDD	6.716	5.784	99210644	174.0E6	52.201	55.127
17) MA 4,4'-DDT	7.030	6.033	105.3E6	178.0E6	53.382	54.709
18) B Endrin al...	6.930	6.110	93321663	152.6E6	48.004	50.132
19) B Endosulfa...	7.165	6.333	108.4E6	184.3E6	47.898	51.693
20) A Methoxychlor	7.506	6.609	54777907	89827922	52.500	50.235
21) B Endrin ke...	7.649	6.839	125.7E6	226.6E6	49.822	54.004
22) Mirex	8.121	7.018	93966476	167.6E6	45.122	49.544

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021825\
Data File : PL094242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2025 11:27
Operator : AR\AJ
Sample : PB166712BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

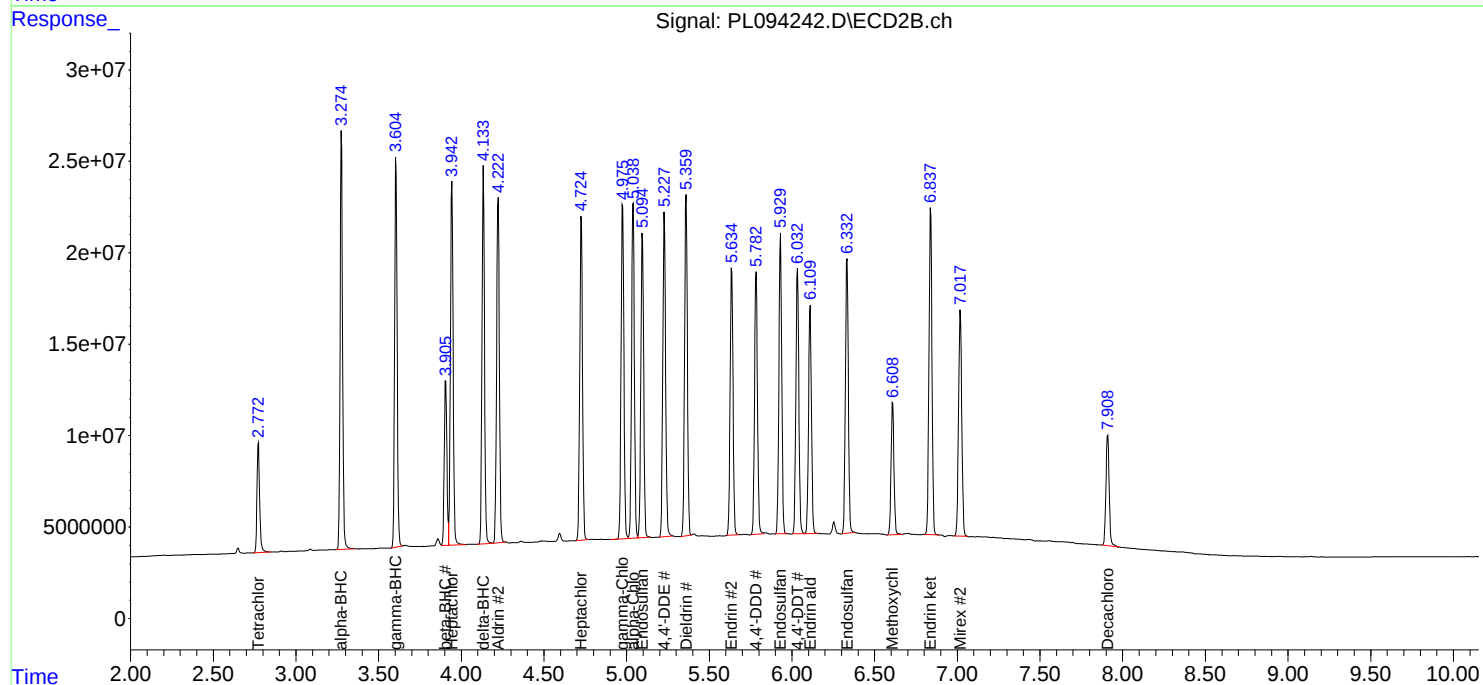
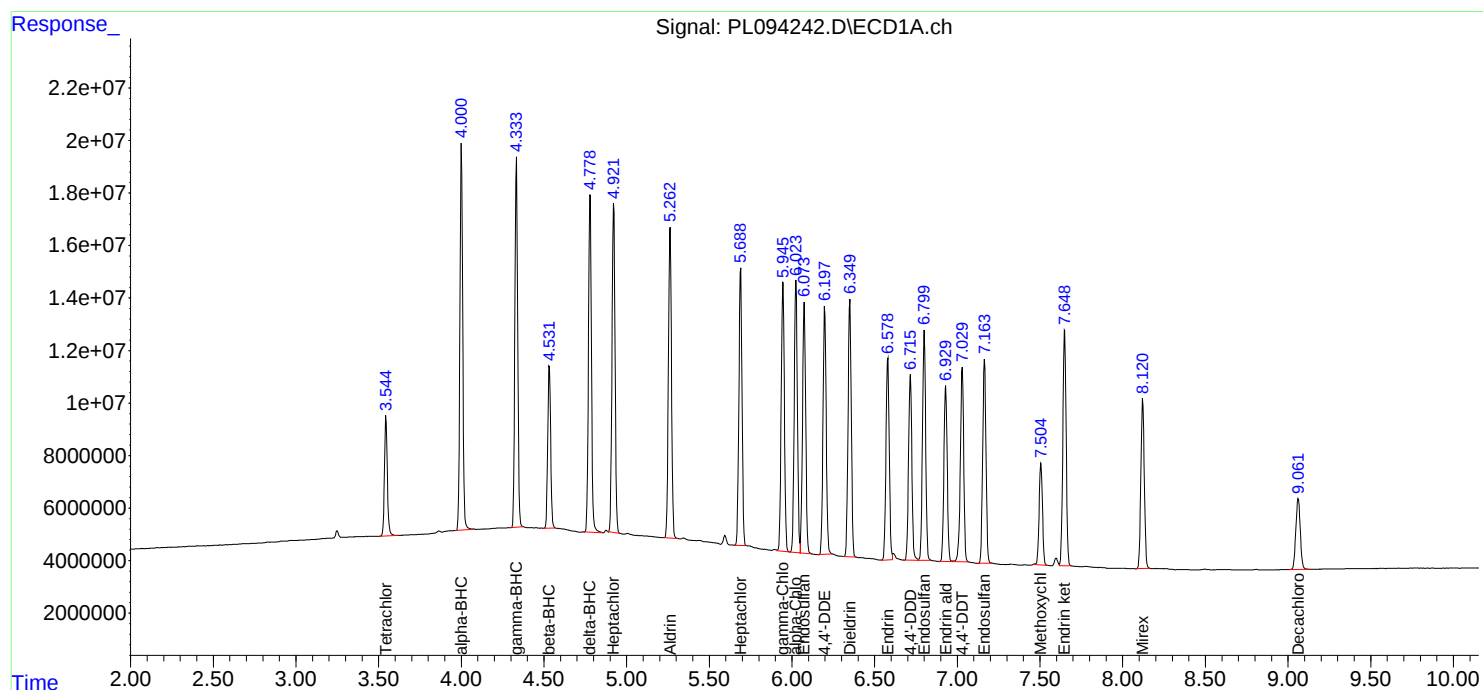
Instrument :
ECD_L
ClientSampleId :
PB166712BS

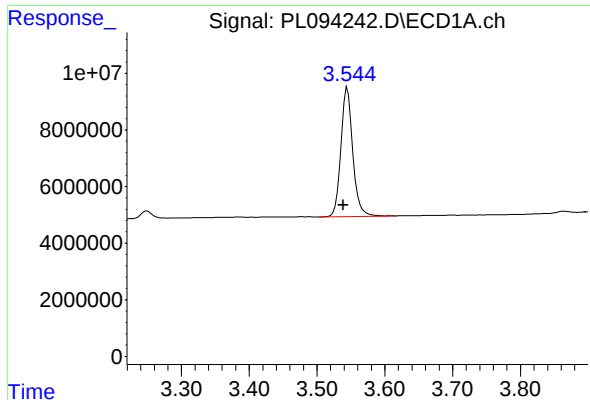
Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 00:29:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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.: 3.545 min
Delta R.T.: 0.006 min
Response: 55514267
Conc: 20.62 ng/ml

Instrument :

ECD_L

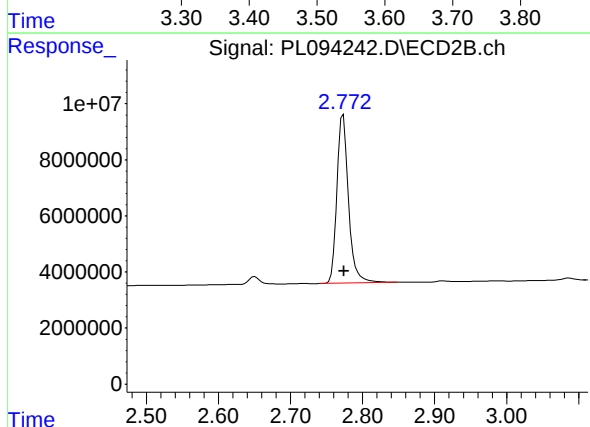
ClientSampleId :

PB166712BS

Manual Integrations

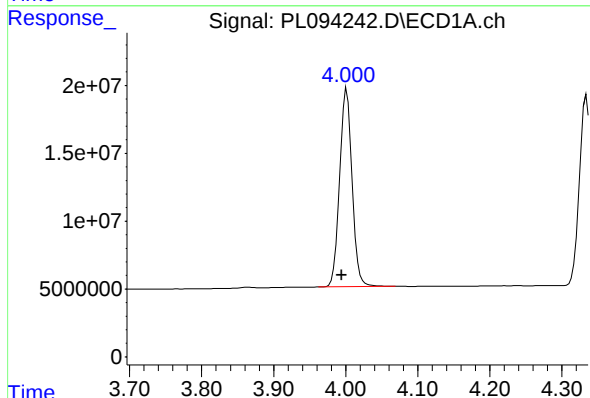
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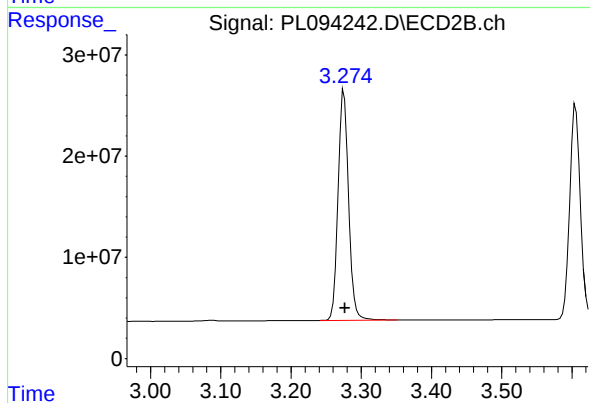
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 66603764
Conc: 20.40 ng/ml



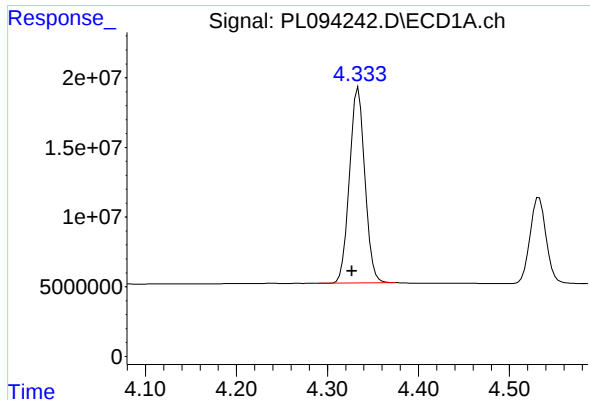
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.007 min
Response: 174409513
Conc: 45.49 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.001 min
Response: 236085960
Conc: 48.29 ng/ml



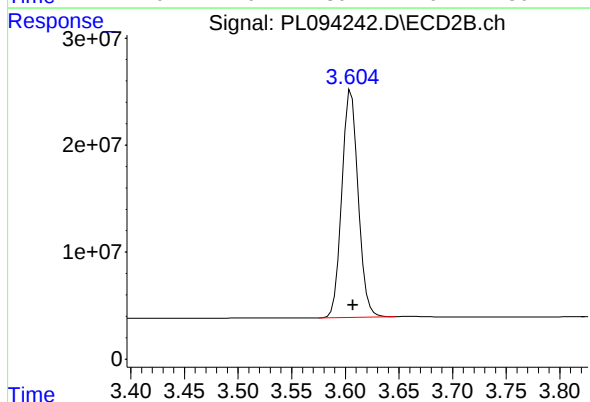
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.007 min
Response: 165797536
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

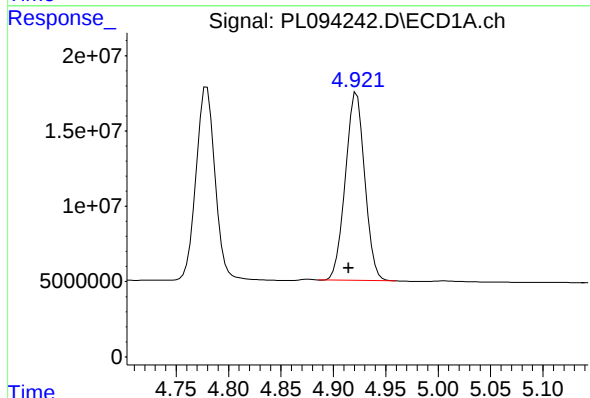
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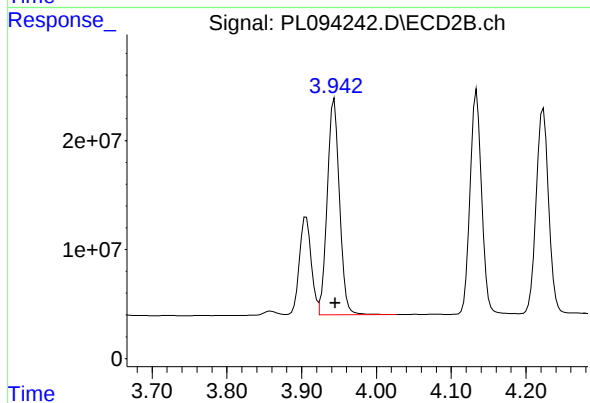
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.002 min
Response: 224642726
Conc: 47.38 ng/ml



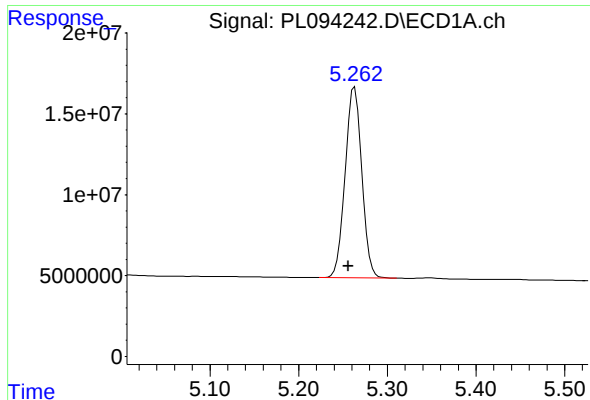
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.008 min
Response: 161074111
Conc: 49.15 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.002 min
Response: 226779572
Conc: 48.72 ng/ml



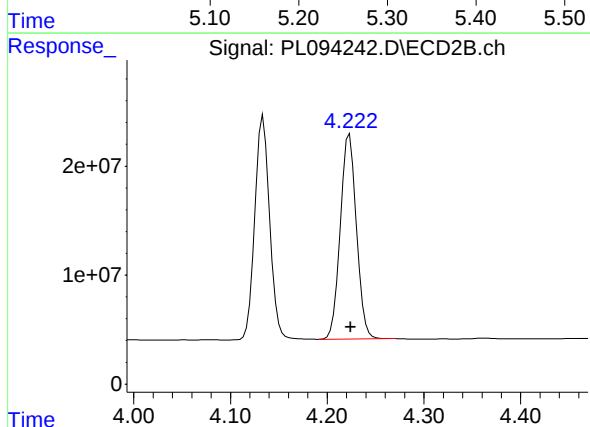
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.007 min
Response: 154275173
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

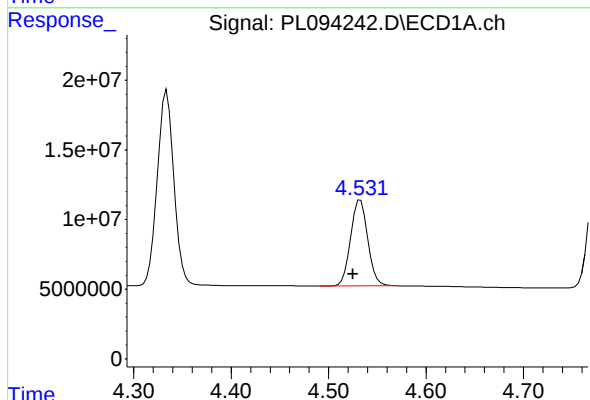
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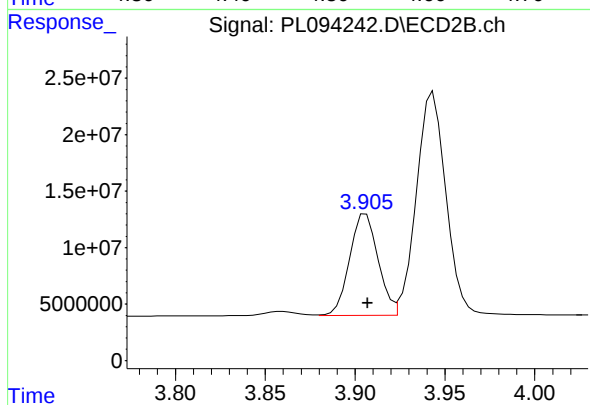
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 217990055
Conc: 47.79 ng/ml



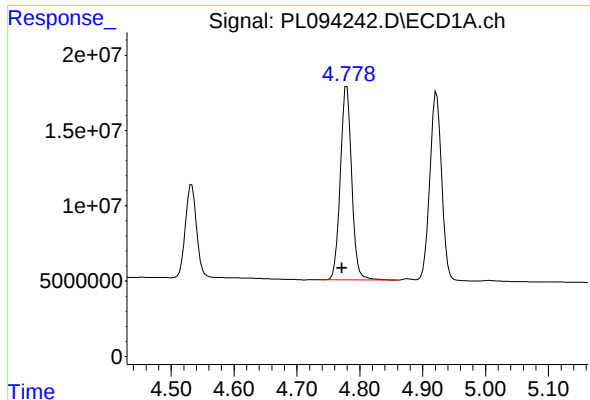
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.007 min
Response: 75302633
Conc: 46.85 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 99018791
Conc: 49.57 ng/ml



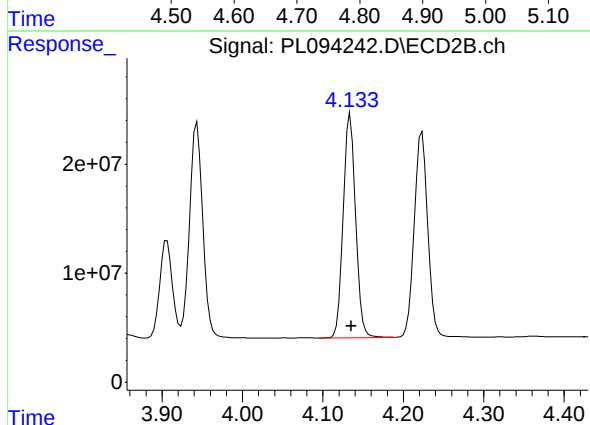
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.008 min
Response: 162187985
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

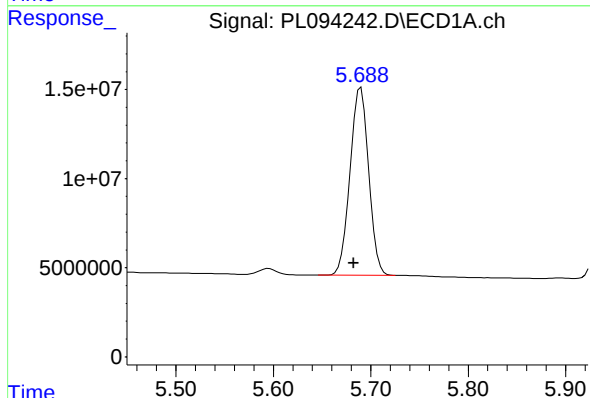
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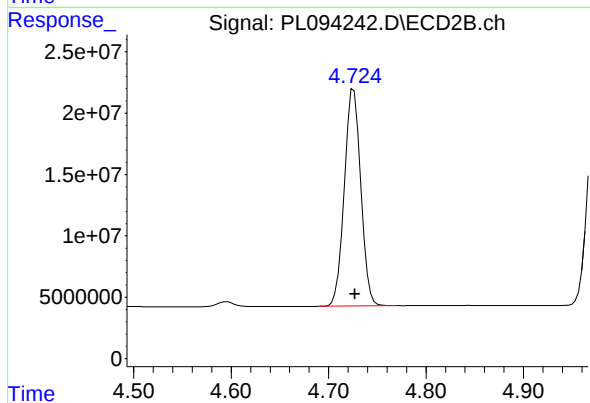
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 219959250
Conc: 46.30 ng/ml



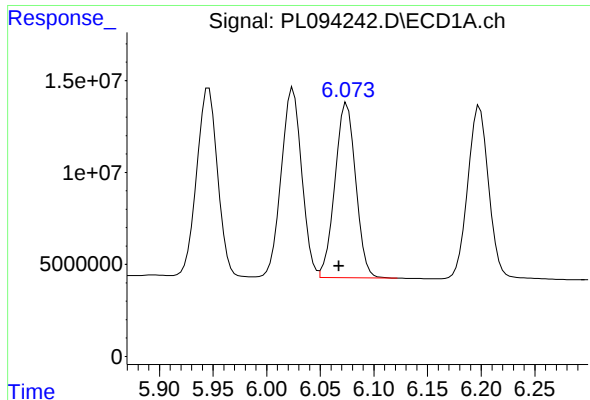
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.007 min
Response: 139731317
Conc: 46.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 207410398
Conc: 49.62 ng/ml



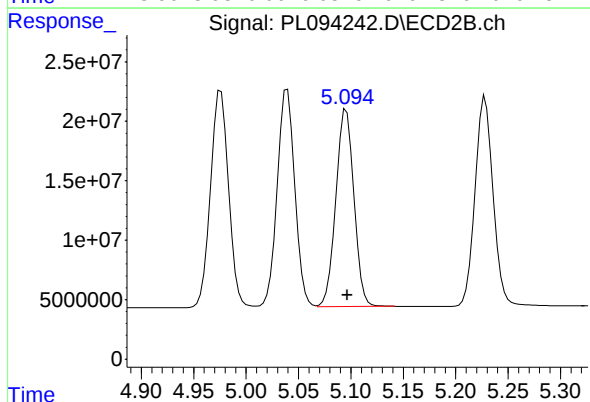
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.007 min
Response: 127887027
Conc: 48.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

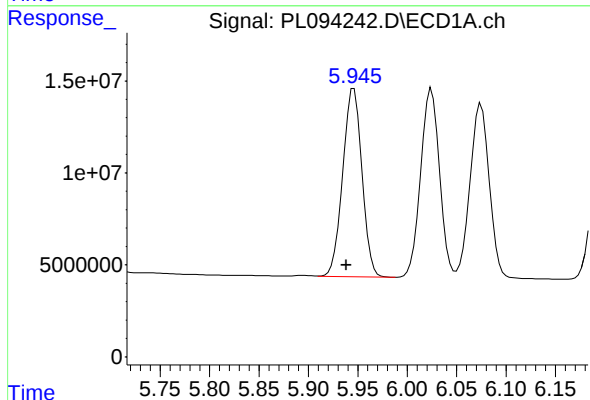
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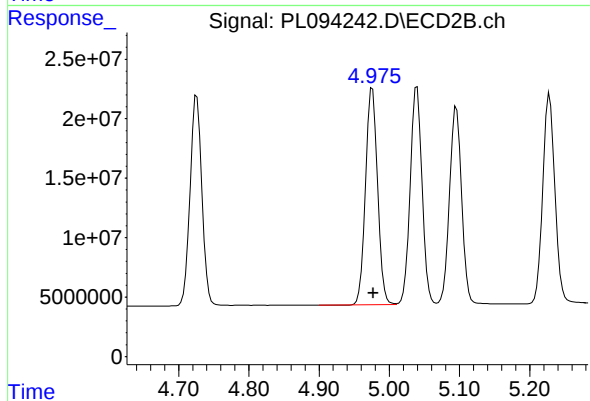
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 198400532
Conc: 51.17 ng/ml



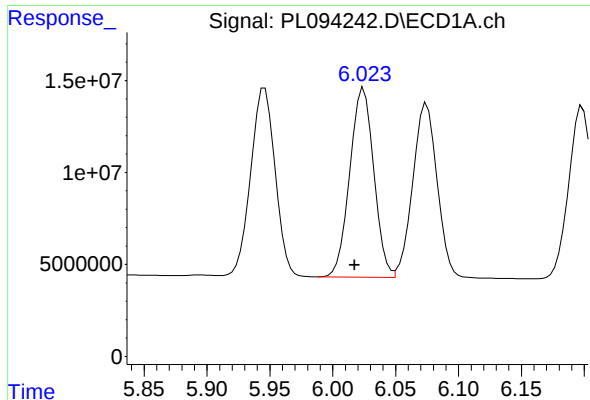
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.008 min
Response: 138428148
Conc: 49.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 217536288
Conc: 51.33 ng/ml



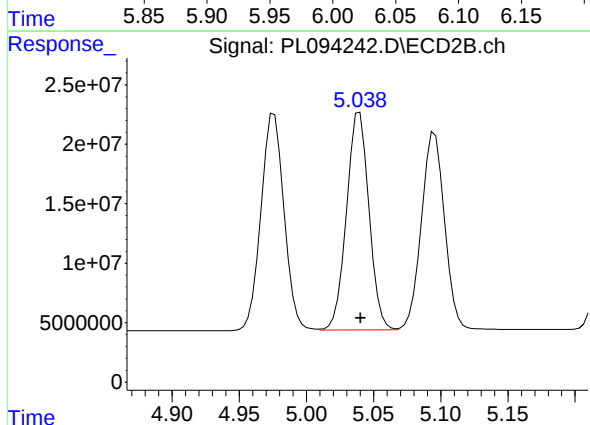
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.007 min
Response: 136583387
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

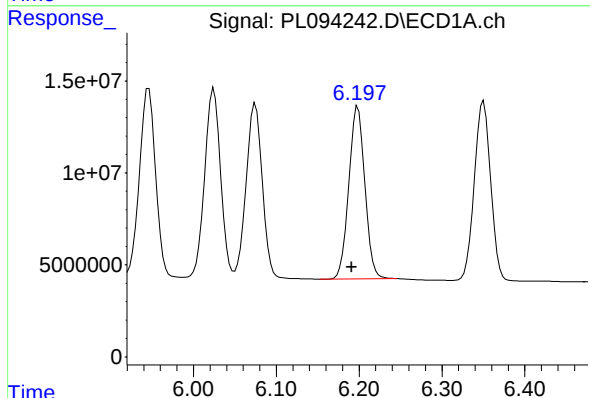
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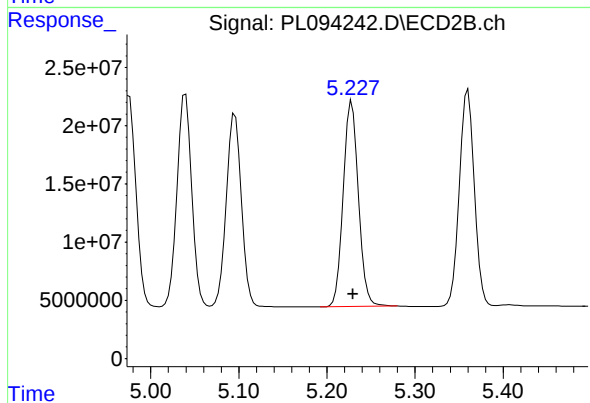
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 214052039
Conc: 51.13 ng/ml



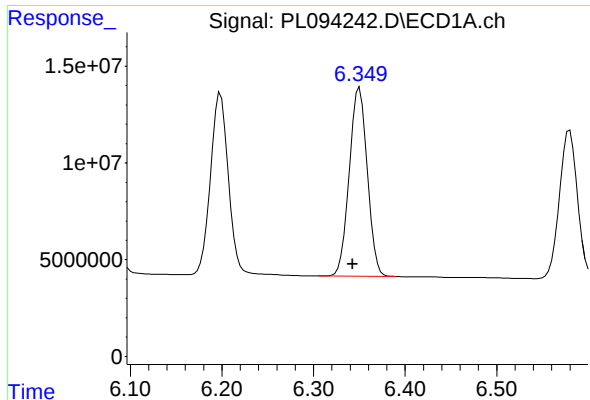
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 126301618
Conc: 51.88 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 211807864
Conc: 52.83 ng/ml



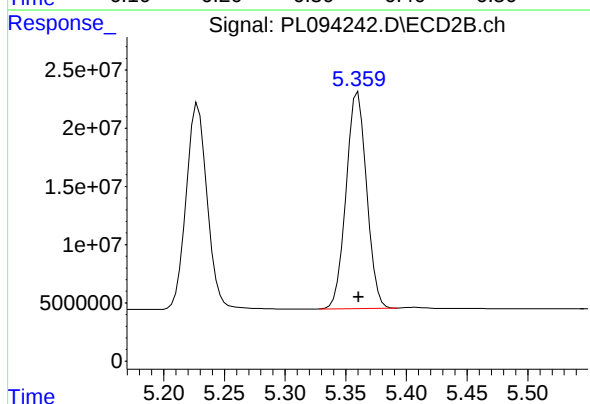
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.007 min
Response: 133720415
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

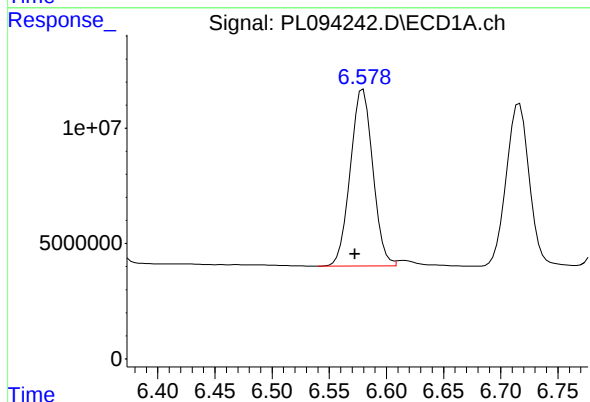
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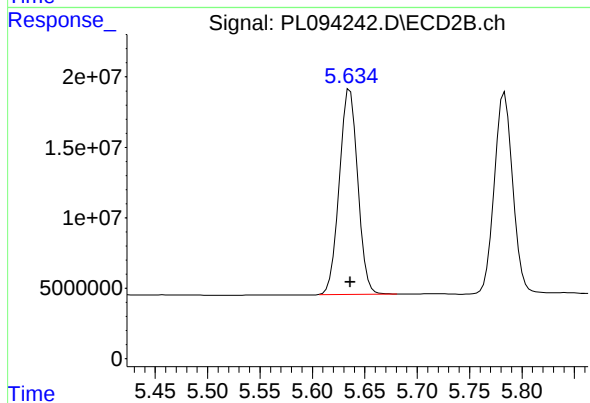
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 218662948
Conc: 50.90 ng/ml



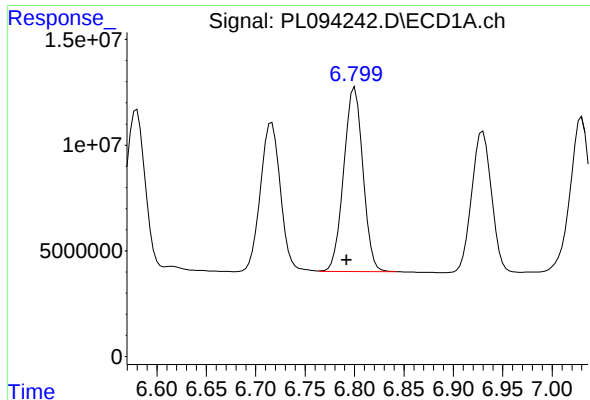
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.006 min
Response: 105487824
Conc: 44.99 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 178266774
Conc: 48.28 ng/ml



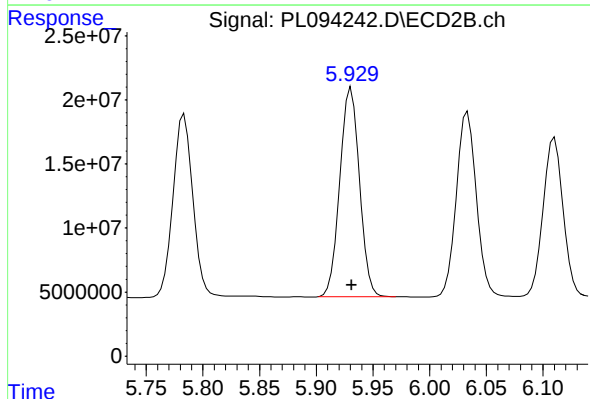
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 117897291
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

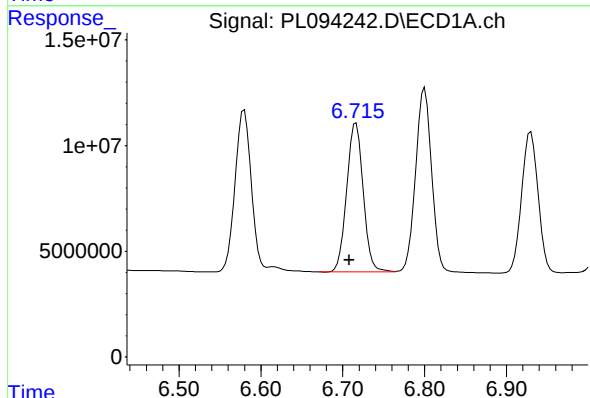
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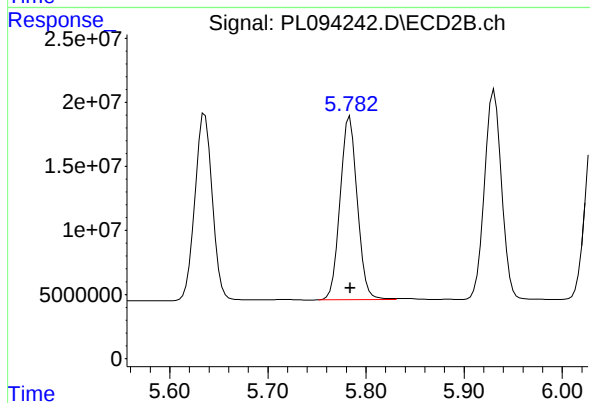
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 196451862
Conc: 53.04 ng/ml



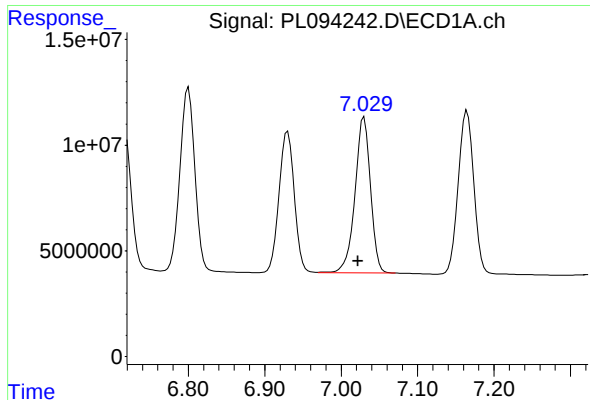
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.008 min
Response: 99210644
Conc: 52.20 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 174009097
Conc: 55.13 ng/ml



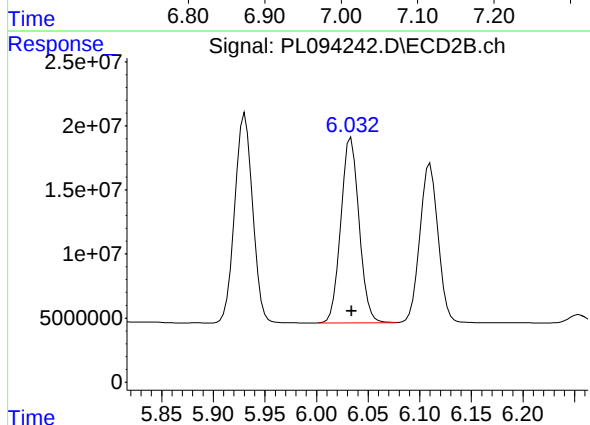
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.008 min
Response: 105271380
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

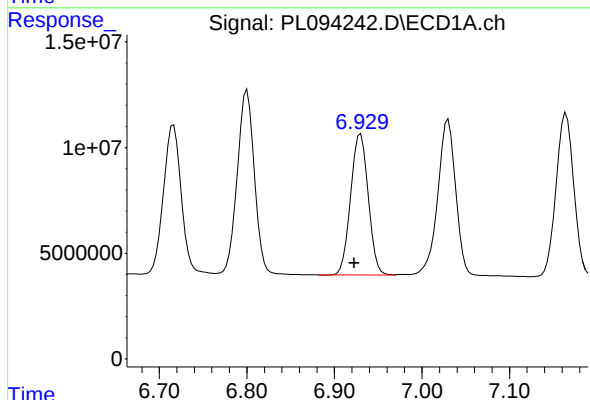
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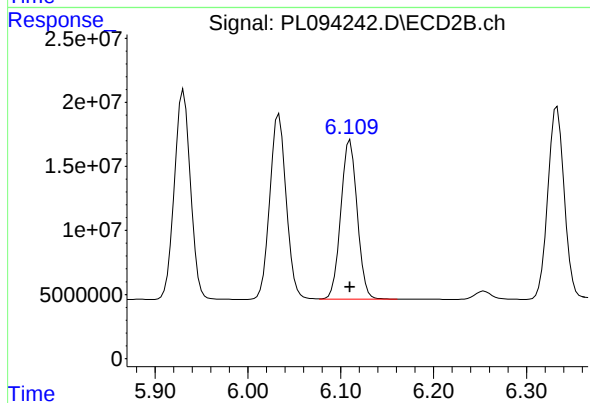
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 178025513
Conc: 54.71 ng/ml



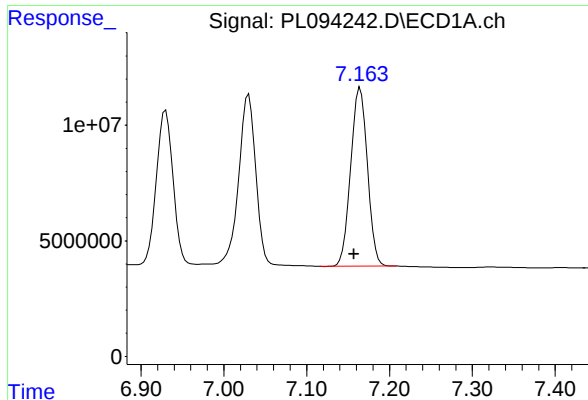
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.007 min
Response: 93321663
Conc: 48.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 152633023
Conc: 50.13 ng/ml



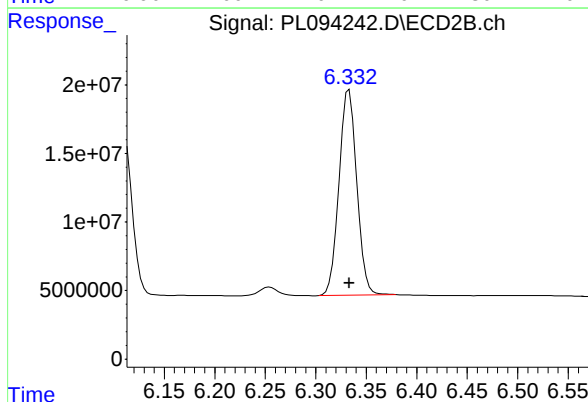
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.008 min
Response: 108428041
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

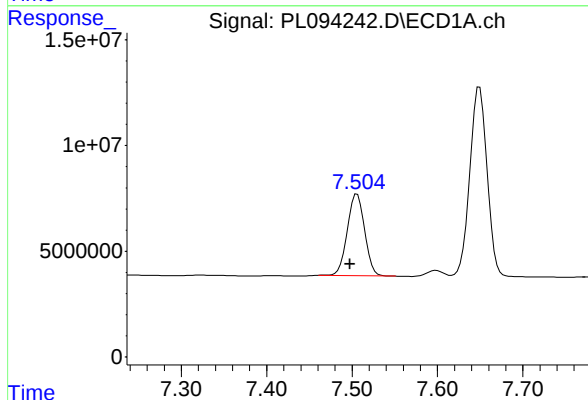
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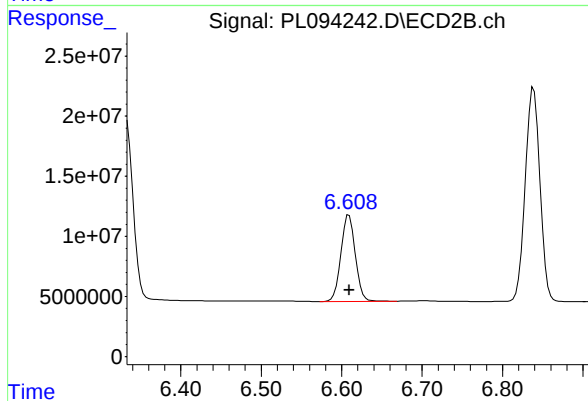
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 184339670
Conc: 51.69 ng/ml



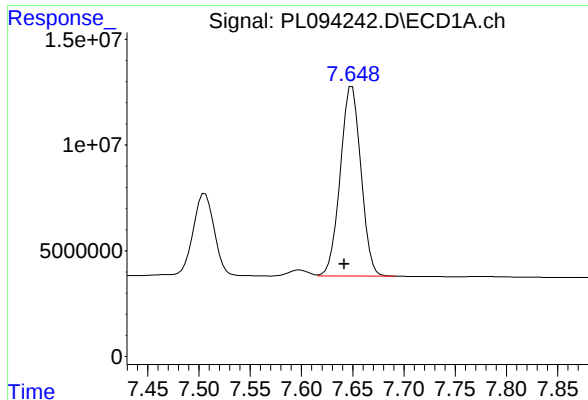
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.008 min
Response: 54777907
Conc: 52.50 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 89827922
Conc: 50.24 ng/ml



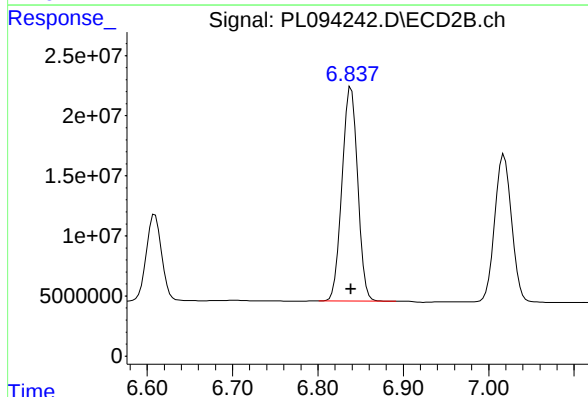
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.008 min
Response: 125682751
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

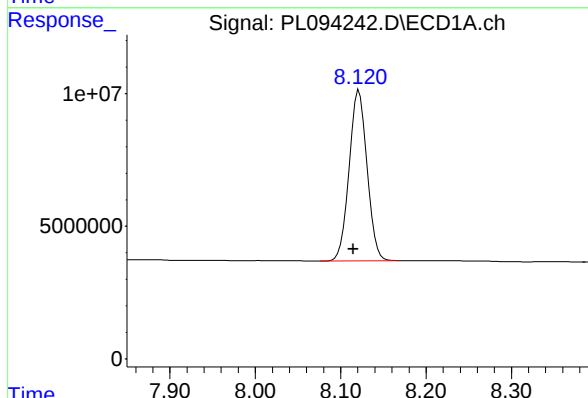
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



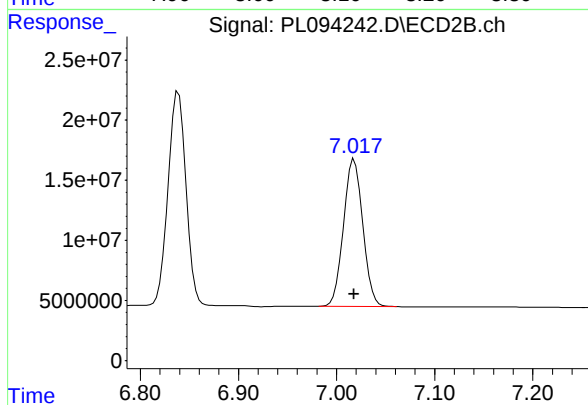
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 226561379
Conc: 54.00 ng/ml



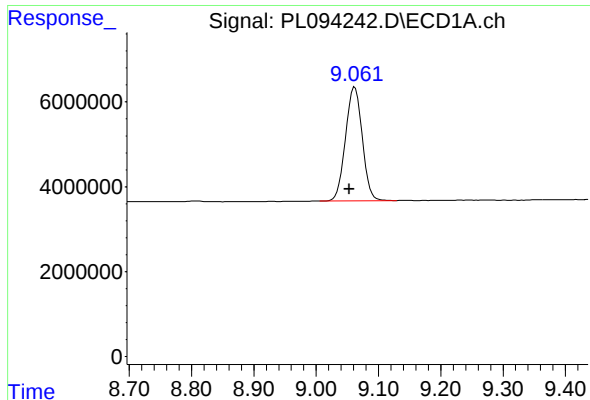
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.007 min
Response: 93966476
Conc: 45.12 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 167551158
Conc: 49.54 ng/ml



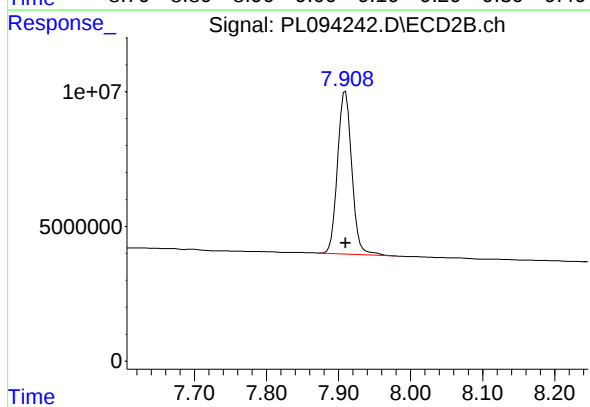
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.009 min
Response: 50340389
Conc: 24.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166712BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/19/2025
Supervised By :Ankita Jodhani 02/20/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 82502235
Conc: 23.54 ng/ml